

2021 Men's 110m Hurdles World U20 Record Season

Sasha Zhoya (FRA) - 12.72

Hurdle Touchdown Times



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Todd Henson

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Meetings Overview:

World Athletics U20 Championships (Nairobi, KEN) (99.1cm) (Altitude) (TV Analysis) — Final, Semi-Final 2, Heat 3	3
European U20 Championships (Tallinn, EST) (99.1cm)(TV Analysis) — Final, Semi-Final 3	3
French National U20 Championships (Bondoufle, FRA) (99.1cm) (TV Analysis) — Final	3

Notes:

- The times listed as TV Analysis are taken from [youtube.com](https://www.youtube.com) videos and generally coming from Television broadcasts. These are not always the best angles or coverage for getting times. They are often trying to tell a story by focusing on one athlete, and sometimes while shifting camera angles an extra frame can get added or removed.
- Where times are taken from the first movement, instead of the gun, there is at least a ± 0.12 second difference/error. This will show up from the start to the first hurdle and then from hurdle 10 to the finish. The between hurdle intervals should be fairly consistent, but there is still the usual ± 0.03 second.
- Data errors, missing data, spelling mistakes, anything that needs correction - please let me know. As always, I try to put together the most complete and accurate report possible.
- I have done the best I could, I hope people find it useful or at least interesting.

2021 Men's 110m Hurdles World U20 Record (99.1cm) - Sasha Zhoya (FRA) (2002)

2021 World Athletics U20 Championships (Nairobi, KEN) (99.1cm) (Altitude) (TV Analysis)

FINAL		date	wind	Henson (2021) - Athlete First: 2021 Sasha Zhoya 110m Hurdles World U20 Record															
		21-Aug-21	1.0 m/s	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	110m	Lane / Place	H1-H4	H4-H7	H7-H10
Zhoya, Sasha (FRA) (2002)	time			2.32	3.36	4.32	5.28	6.24	7.20	8.20	9.20	10.16	11.16		12.72	4 / 1			
	reaction time	0.138												1.56	WU20R		2.96	2.92	2.96
	interval			7 steps	1.04	0.96	0.96	0.96	0.96	1.00	1.00	0.96	1.00	1.00			9.26	9.39	9.26
	velocity			5.91	8.79	9.52	9.52	9.52	9.52	9.14	9.14	9.52	9.14	8.99	8.65				

Semi-Final 2		date	wind	Henson (2021) - Athlete First: 2021 Sasha Zhoya 110m Hurdles World U20 Record															
		20-Aug-21	-0.4 m/s	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Zhoya, Sasha (FRA) (2002)	time			2.43	3.50	4.36	5.34	6.32	7.28	8.26	9.26	10.28	11.32		12.93	6 / 1			
	reaction time	0.160												1.61	WU20R		2.98	2.92	3.06
	interval			7 steps	1.00	1.00	1.00	0.98	0.98	0.96	0.98	1.00	1.02	1.04	1.04		9.20	9.39	8.96
	velocity			5.81	9.14	9.14	9.33	9.33	9.52	9.33	9.14	8.96	8.79	8.71	8.51				

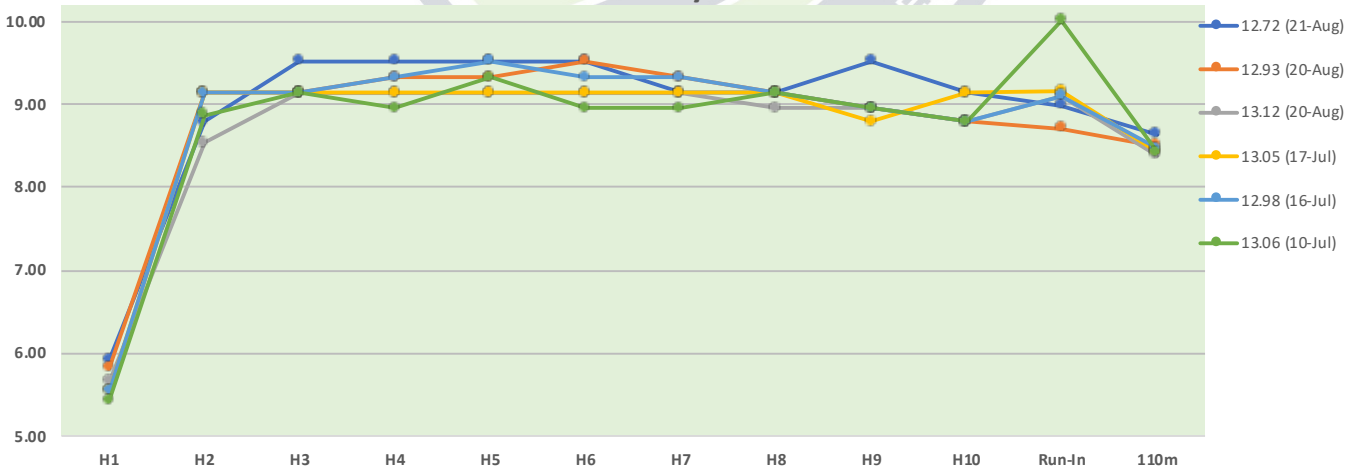
Heat 3		date	wind	Henson (2021) - Athlete First: 2021 Sasha Zhoya 110m Hurdles World U20 Record															
		20-Aug-21	0.3 m/s	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Zhoya, Sasha (FRA) (2002)	time			2.43	3.50	4.50	5.50	6.50	7.50	8.50	9.52	10.54	11.58		13.12	4 / 1			
	reaction time	0.175												1.54			3.07	3.00	3.08
	interval			7 steps	1.07	1.00	1.00	1.00	1.00	1.00	1.02	1.02	1.04	1.04			8.93	9.14	8.90
	velocity			5.65	8.54	9.14	9.14	9.14	9.14	9.14	8.96	8.96	8.79	9.10	8.38				

2021 European U20 Championships (Tallinn, EST) (99.1cm) (TV Analysis)		date	wind	Henson (2021) - Athlete First: 2021 Sasha Zhoya 110m Hurdles World U20 Record															
FINAL		17-Jul-21	0.2 m/s	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Zhoya, Sasha (FRA) (2002)	time			2.48	3.48	4.48	5.48	6.48	7.48	8.48	9.48	10.52	11.52		13.05	4 / 1			
	reaction time	0.196												1.53	CR		3.00	3.00	3.04
	interval			7 steps	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.00	1.04			9.14	9.14	9.02
	velocity			5.53	9.14	9.14	9.14	9.14	9.14	9.14	9.14	8.79	9.14	9.16	8.43				

Semi-Final 3		date	wind	Henson (2021) - Athlete First: 2021 Sasha Zhoya 110m Hurdles World U20 Record															
		16-Jul-21	2.4 m/s	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Zhoya, Sasha (FRA) (2002)	time			2.48	3.48	4.48	5.46	6.42	7.40	8.38	9.38	10.40	11.44		12.98	5 / 1			
	reaction time	0.219												1.54			2.98	2.92	3.06
	interval			7 steps	1.00	1.00	0.98	0.96	0.98	0.98	1.00	1.02	1.04	1.04			9.20	9.39	8.96
	velocity			5.53	9.14	9.14	9.33	9.52	9.33	9.33	9.14	8.96	8.79	9.10	8.47				

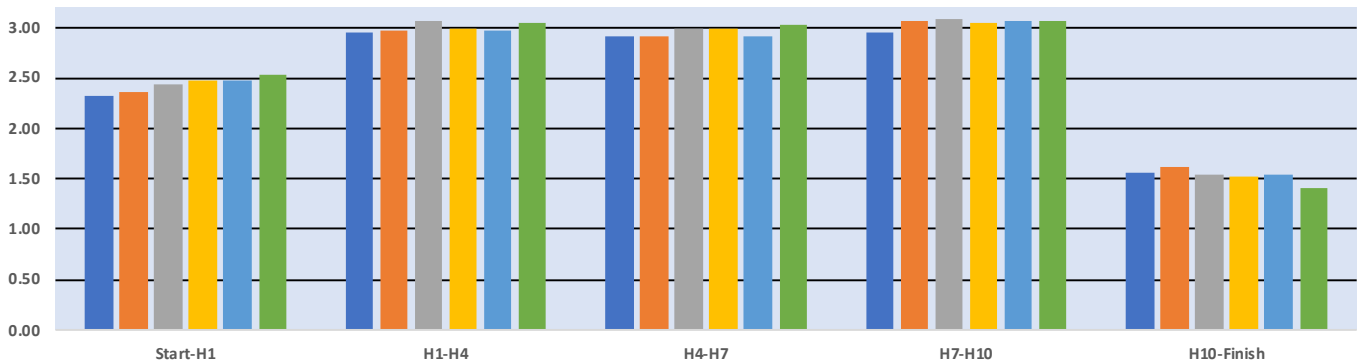
2021 French National U20 Championships (Bondoufle, FRA) (99.1cm) (TV Analysis)		date	wind	Henson (2021) - Athlete First: 2021 Sasha Zhoya 110m Hurdles World U20 Record															
FINAL		10-Jul-21	2.2 m/s	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Zhoya, Sasha (FRA) (2002)	time			2.53	3.56	4.56	5.58	6.56	7.58	8.60	9.60	10.62	11.66		13.06	6 / 1			
	reaction time	0.150												1.40			3.05	3.02	3.06
	interval			7 steps	1.03	1.00	1.02	0.98	1.02	1.02	1.00	1.02	1.04	1.40			8.99	9.08	8.96
	velocity			5.42	8.87	9.14	8.96	9.33	8.96	8.96	9.14	8.96	8.79	10.01	8.42				

Hurdle Rhythmic Units



Time Intervals (s)

Hurdle Phases



Evaluated with:
 World U20 Championships - Final ObjectusVideo
 World U20 Championships - Semi-Final 2 ObjectusVideo
 World U20 Championships - Heat 3 ObjectusVideo
 European U20 Championships - Final ObjectusVideo
 European U20 Championships - Semi-Final 3 ObjectusVideo
 French National U20 Championships - Final ObjectusVideo

Quality & Frame Rate:
 1920 x 1080 @ 50fps
 1920 x 1080 @ 30fps
 1920 x 1080 @ 30fps
 1920 x 1080 @ 25fps
 1920 x 1080 @ 25fps
 1920 x 1080 @ 30fps

Timing From:
 First Movement
 First Movement
 First Movement
 First Movement
 First Movement
 Gun Flash

Source:
<https://www.youtube.com/watch?v=glTiyHFdHRU>
<https://www.youtube.com/watch?v=9xyA4ZH9FvM>
<https://www.youtube.com/watch?v=UagJQwGBZWF>
<https://www.youtube.com/watch?v=PyLkwewMTMw>
<https://www.youtube.com/watch?v=QGRvX3K6xcQ>
<https://www.youtube.com/watch?v=6K3wP5Mwy6g>