



Konkurencja 22, Chłopców, 400m dowolny, 15 lat

Pozycja					Czas	Strata	%popr.	FINA	100m	200m	300m	400m
6.	KARASZ Wojciech	UKS „Manta Kochłowice Ruda I	<b>4:53.34</b>	+ 21.67	97%	422	1:10.14	1:15.66	1:14.19	1:13.35		
	50m: 32.57	32.57	150m: 1:47.68	37.54	250m: 3:03.07	37.27	350m: 4:17.31	37.32				
	100m: 1:10.14	37.57	200m: 2:25.80	38.12	300m: 3:39.99	36.92	400m: 4:53.34	36.03				
7.	WIERZBICKI M.	Uks "Salmo ory"	<b>4:57.53</b>	+ 25.86	112%	404	1:09.24	1:17.17	1:16.88	1:14.24		
	50m: 32.37	32.37	150m: 1:47.63	38.39	250m: 3:04.79	38.38	350m: 4:21.50	38.21				
	100m: 1:09.24	36.87	200m: 2:26.41	38.78	300m: 3:43.29	38.50	400m: 4:57.53	36.03				
8.	CZARNOTA M.	UKP „Ruda I ska"	<b>5:00.07</b>	+ 28.40	108%	394	1:09.66	1:17.24	1:18.36	1:14.81		
	50m: 32.73	32.73	150m: 1:47.54	37.88	250m: 4:23.10	1:56.20	350m:					
	100m: 1:09.66	36.93	200m: 2:26.90	39.36	300m: 3:45.26		400m: 5:00.07					
9.	ROZCZYPAŁA Mikołaj	Uks "Salmo ory"	<b>5:02.18</b>	+ 30.51	95%	386	1:09.85	1:17.16	1:18.75	1:16.42		
	50m:		150m: 1:48.11	38.26	250m:		350m:					
	100m: 1:09.85		200m: 2:27.01	38.90	300m: 3:45.76		400m: 5:02.18					
10.	KNAPIK Jan	MOSM Tychy	<b>5:10.75</b>	+ 39.08	-	355	1:10.95	1:20.07	1:20.77	1:18.96		
	50m: 32.86	32.86	150m: 1:51.37	40.42	250m: 3:11.88	40.86	350m: 4:32.20	40.41				
	100m: 1:10.95	38.09	200m: 2:31.02	39.65	300m: 3:51.79	39.91	400m: 5:10.75	38.55				
11.	NAPIÓRKOWSKI B.	Uks "Salmo ory"	<b>5:15.84</b>	+ 44.17	120%	338	1:13.20	1:21.05	1:22.10	1:19.49		
	50m: 34.11	34.11	150m: 1:53.57	40.37	250m: 3:15.83	41.58	350m: 4:36.67	40.32				
	100m: 1:13.20	39.09	200m: 2:34.25	40.68	300m: 3:56.35	40.52	400m: 5:15.84	39.17				

16 lat

1.	KOCHAN Mateusz	CSiR MOS w D browie Górnicy	<b>4:24.57</b>		104%	575	1:02.32	1:09.12	1:08.58	1:04.55		
	50m: 28.90	28.90	150m: 1:36.85	34.53	250m: 2:45.84	34.40	350m: 3:53.25	33.23				
	100m: 1:02.32	33.42	200m: 2:11.44	34.59	300m: 3:20.02	34.18	400m: 4:24.57	31.32				
2.	WICIOK Michał	"Sikret" Gliwice	<b>4:29.01</b>	+ 4.44	99%	547	1:05.10	1:09.24	1:09.18	1:05.49		
	50m: 31.10	31.10	150m:		250m:		350m:					
	100m: 1:05.10	34.00	200m: 2:14.34		300m: 3:23.52		400m: 4:29.01					
3.	WITECKI Wojciech	CSiR MOS w D browie Górnicy	<b>4:29.41</b>	+ 4.84	94%	545	1:05.01	1:08.89	1:09.57	1:05.94		
	50m: 31.96	31.96	150m: 1:39.38	34.37	250m: 2:48.46	34.56	350m: 3:57.76	34.29				
	100m: 1:05.01	33.05	200m: 2:13.90	34.52	300m: 3:23.47	35.01	400m: 4:29.41	31.65				
4.	GRYMEL Krzysztof	UKS „Manta Kochłowice Ruda I	<b>4:50.74</b>	+ 26.17	117%	433	1:08.05					
	50m: 31.92	31.92	150m: 1:44.34	36.29	250m: 2:59.47		350m: 4:14.12					
	100m: 1:08.05	36.13	200m:		300m:		400m: 4:50.74	36.62				
5.	D BROWSKI Jakub	MKS Park Wodny Tarnowskie Góry	<b>4:53.81</b>	+ 29.24	93%	420	1:07.81	1:15.36	1:16.42	1:14.22		
	50m: 32.11	32.11	150m: 1:45.33	37.52	250m: 4:16.96	1:53.79	350m:					
	100m: 1:07.81	35.70	200m: 2:23.17	37.84	300m: 3:39.59		400m: 4:53.81					
6.	KR CIWILK M.	UKS „Delfinek" Cz stocho	<b>5:25.71</b>	+ 1:01.21	-	308	1:12.05	1:23.93	1:25.80	1:24.00		
	50m: 33.03	33.03	150m: 1:53.30	41.25	250m: 4:44.80	2:08.82	350m:					
	100m: 1:12.05	39.02	200m: 2:35.98	42.68	300m: 4:01.78		400m: 5:25.78					

17 lat i starsi

1.	MAJOR Erik	MKS Park Wodny Tarnowskie Góry	<b>4:12.42</b>		91%	662	58.68	1:04.14	1:05.40	1:04.20		
	50m: 27.92	27.92	150m: 1:30.69	32.01	250m: 2:35.66	32.84	350m: 3:40.75	32.53				
	100m: 58.68	30.76	200m: 2:02.82	32.13	300m: 3:08.22	32.56	400m: 4:12.42	31.67				
2.	WOŁPIUK Michał	MUKS Gilus Gilowice	<b>4:24.73</b>	+ 12.31	101%	574	1:03.86	1:07.77	1:07.62	1:05.48		
	50m: 30.17	30.17	150m: 1:37.76	33.90	250m: 2:45.66	34.03	350m: 3:52.58	33.33				
	100m: 1:03.86	33.69	200m: 2:11.63	33.87	300m: 3:19.25	33.59	400m: 4:24.73	32.15				
3.	TOMCZYK Dawid	KS „Górnik" Sosnowiec	<b>4:25.34</b>	+ 12.92	99%	570	1:03.45	1:07.26	1:07.67	1:06.96		
	50m:		150m: 1:36.92	33.47	250m: 3:52.27	1:41.56	350m:					
	100m: 1:03.45		200m: 2:10.71	33.79	300m: 3:18.38		400m: 4:25.34					
4.	RYBAK Jakub	MKS Park Wodny Tarnowskie Góry	<b>4:27.72</b>	+ 15.30	104%	555	1:02.82	1:08.40	1:08.65	1:07.85		
	50m: 29.21	29.21	150m: 1:37.15	34.33	250m: 2:45.60	34.38	350m: 3:54.20	34.33				
	100m: 1:02.82	33.61	200m: 2:11.22	34.07	300m: 3:19.87	34.27	400m: 4:27.72	33.52				
5.	GAJOS Łukasz	MKS Pałac Młodzie y Katowice	<b>4:28.63</b>	+ 16.21	92%	549	1:04.46	1:08.52	1:08.48	1:07.17		
	50m: 30.64	30.64	150m: 1:38.48	34.02	250m: 2:46.85	33.87	350m: 3:54.93	33.47				
	100m: 1:04.46	33.82	200m: 2:12.98	34.50	300m: 3:21.46	34.61	400m: 4:28.63	33.70				
6.	WIRKO Dominik	Akademia Sms Racibórz	<b>4:29.51</b>	+ 17.09	98%	544	1:01.81	1:09.55	1:08.59	1:09.56		
	50m: 28.73	28.73	150m: 1:35.71	33.90	250m: 2:44.71	33.35	350m: 3:55.47	35.52				
	100m: 1:01.81	33.08	200m: 2:11.36	35.65	300m: 3:19.95	35.24	400m: 4:29.51	34.04				

Konkurencja 22, M czynn, 400m dowolny, 17 lat i starsi

Pozycja						Czas	Strata	%popr.	FINA	100m	200m	300m	400m
7.	KAMI SKI Jakub	"Sikret" Gliwice				<b>4:38.10</b>	+ 25.68	-	495	1:04.21	1:11.54	1:12.46	1:09.89
	50m: 29.91	29.91	150m: 1:39.77	35.56	250m: 2:52.12	36.37	350m: 4:05.36	37.15					
	100m: 1:04.21	34.30	200m: 2:15.75	35.98	300m: 3:28.21	36.09	400m: 4:38.10	32.74					
8.	SPADŁO Krzysztof	UKS „Huragan” przy SP nr 45 w Si				<b>4:39.79</b>	+ 27.37	98%	486	1:05.10	1:11.54	1:13.05	1:10.10
	50m: 30.44	30.44	150m: 250m:		250m:		350m:						
	100m: 1:05.10	34.66	200m: 2:16.64		300m: 3:29.69		400m: 4:39.79						
9.	KRAMARCZYK Jakub	MKS Pałac Młodzie y Katowice				<b>4:42.25</b>	+ 29.83	89%	474	1:06.86	1:11.68		
	50m: 31.41	31.41	150m: 1:42.02	35.16	250m: 2:54.03	35.49	350m: 4:06.31						
	100m: 1:06.86	35.45	200m: 2:18.54	36.52	300m:		400m: 4:42.25	35.94					
10.	PREG Kajetan	"Sikret" Gliwice				<b>4:42.78</b>	+ 30.36	89%	471	1:05.34	1:13.38	1:15.41	1:08.65
	50m: 30.40	30.40	150m: 1:42.33	36.99	250m: 2:56.05	37.33	350m: 4:11.21	37.08					
	100m: 1:05.34	34.94	200m: 2:18.72	36.39	300m: 3:34.13	38.08	400m: 4:42.78	31.57					
11.	BEM Maksymilian	MKS Pałac Młodzie y Katowice				<b>4:46.86</b>	+ 34.44	98%	451	1:06.99	1:13.23	1:15.35	1:11.29
	50m: 31.35	31.35	150m: 1:43.21	36.22	250m: 2:57.13	36.91	350m: 4:11.31	35.74					
	100m: 1:06.99	35.64	200m: 2:20.22	37.01	300m: 3:35.57	38.44	400m: 4:46.86	35.55					
12.	TOMCZAK Filip	MKP Zabrze				<b>4:56.47</b>	+ 44.05	-	409	1:07.32	1:15.41	1:17.70	1:16.04
	50m: 31.55	31.55	150m: 1:44.81	37.49	250m: 3:01.59	38.86	350m: 4:19.77	39.34					
	100m: 1:07.32	35.77	200m: 2:22.73	37.92	300m: 3:40.43	38.84	400m: 4:56.47	36.70					
13.	DUDYS Dominik	AZS AWF Katowice				<b>5:27.3</b>	+ 1:14.90	71%	303	50.36	1:37.32	1:31.59	1:28.05
	50m: 24.32	24.32	150m: 1:43.18	52.82	250m: 3:12.83	45.15	350m: 4:42.91	43.64					
	100m: 50.36	26.04	200m: 2:27.68	44.50	300m: 3:59.27	46.44	400m: 5:27.32	44.41					
PK JABŁO	SKI Bartłomiej	AZS KU Politechniki Opolskiej				<b>4:16.54</b>		94%	631	1:00.23	1:05.45	1:06.29	1:04.57
	50m: 28.85	28.85	150m: 1:33.03	32.80	250m: 2:38.73	33.05	350m: 3:44.73	32.76					
	100m: 1:00.23	31.38	200m: 2:05.68	32.65	300m: 3:11.97	33.24	400m: 4:16.54	31.81					