

# Race Analysis



Australian Trials 2022

Name	Result	Average Speed
Zac Stubblety Cook	02:05.95	1.59

Race	Take off time	1* 25	2* 25	3* 25	4* 25	5* 25	6* 25	7* 25	8* 25	2* 100
200 Breast Final	00:00.67	00:13.15	00:16.28	00:16.00	00:16.46	00:15.94	00:16.49	00:15.83	00:15.80	01:04.06

**NEW World Record**

Total underwater parameters		
Underwater phase time	Time	00:18.52 14.70%
Underwater phase measure	Metre	36.80 18.40%
Underwater phase speed	Metre/Sec	1.99

Phases Speed		1* 50	2* 50	3* 50	4* 50
Lap	Time	00:29.43	00:32.46	00:32.43	00:31.63
Average Lap Speed	Metre/Sec	1.70	1.54	1.54	1.58
Speed of the swimming areas	Metre/Sec	1.53	1.49	1.50	1.56
Underwater phase time	Time	00:04.80	00:04.65	00:04.75	00:04.32
Breakout measure	Metre	12.20	8.70	8.40	7.50
Underwater phase speed	Metre/Sec	2.54	1.87	1.77	1.74
Speed difference Underwater/Swimming	Metre/Sec	1.01	0.39	0.27	0.18
Stroke Number	Number	14 +1	16 +1	17 +1	21 +1

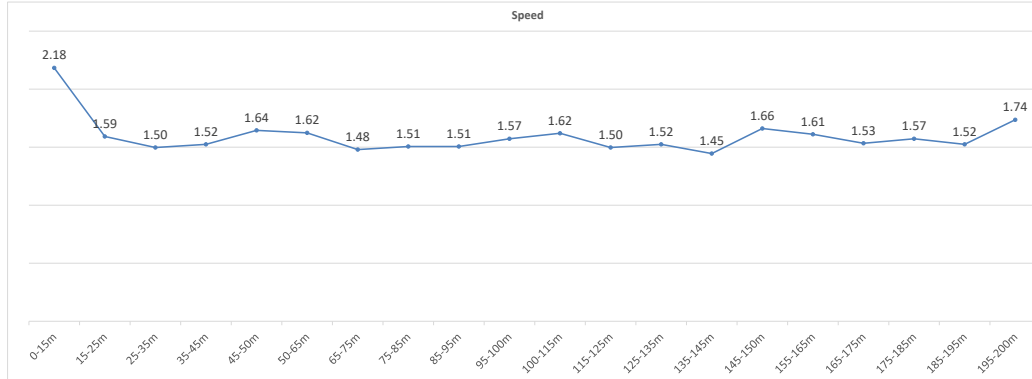
	Start 15m	15-25m	25-35m	35-45m	45-50m	50-65m	65-75m	75-85m	85-95m	95-100m	100-115m	115-125m	125-135m	135-145m	145-150m	150-165m	165-175m	175-185m	185-195m	195-200m	Average swimming parameters	
Split Time	00:06.87	00:13.15	00:19.83	00:26.39	00:29.43	00:38.67	00:45.43	00:52.07	00:58.71	01:01.89	01:11.15	01:17.83	01:24.39	01:31.31	01:34.32	01:43.63	01:50.15	01:56.51	02:03.07	02:05.95		
Lap Time	00:06.87	00:06.28	00:06.68	00:06.56	00:03.04	00:09.24	00:06.76	00:06.64	00:06.64	00:03.18	00:09.26	00:06.68	00:06.56	00:06.92	00:03.01	00:09.31	00:06.52	00:06.36	00:06.56	00:02.88		
Speed Metre/Sec	2.18	1.59	1.50	1.52	1.64	1.62	1.48	1.51	1.51	1.57	1.62	1.50	1.52	1.45	1.66	1.61	1.53	1.57	1.52	1.74	1.51	
Stroke Rate Cycle/Min	38.1	33.3	26.3	33.3	26.3	34.6	33.3	34.1	37.5	37.5	36.0	32.6	45.9	45.5	41.7	45.5	41.7	45.5	41.7	45.5	38.0	
Stroke Tempo Time	00:01.57	00:01.80	00:02.28	00:01.73	00:01.80	00:01.76	00:01.67	00:01.84	00:01.67	00:01.84	00:01.67	00:01.84	00:01.84	00:01.67	00:01.84	00:01.67	00:01.84	00:01.67	00:01.84	00:01.67	00:01.84	
Distance per stroke Cm	250.5	269.5	271.1	256.4	271.1	239.5	240.8	200.4	201.2	201.2	201.2	201.2	201.2	201.2	201.2	201.2	201.2	201.2	201.2	201.2	201.2	241.2
Stroke index DPS*Speed	3.99	4.11	3.79	4.08	3.79	4.08	3.59	3.48	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.65

1* Turn 45-65m	
Time	00:12.28
Speed	1.63

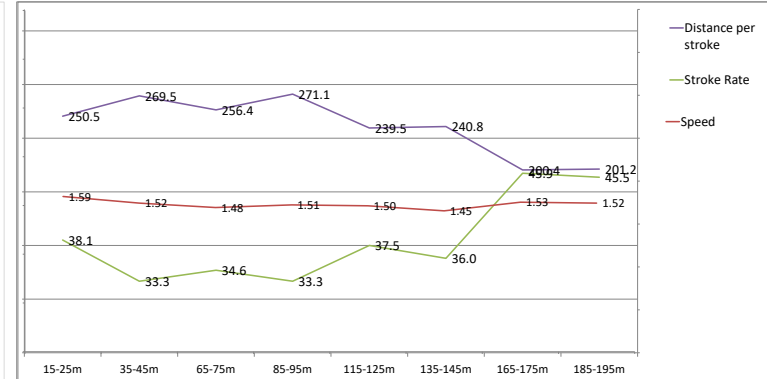
2* Turn 100-115m	
Time	00:12.44
Speed	1.61

3* Turn 150-165m	
Time	00:12.32
Speed	1.62

Speed evolution



Comparison Distance per stroke - Stroke Rate - Speed



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