

## Minnesota Swimming

## Long Course Meters

C	B	A	CH	Zone		Zone	CH	A	B	C
1:02.99	53.99	47.29	44.99	33.59	8&Under 50 m FREESTYLE	33.49	44.99	47.29	53.99	1:02.99
2:22.69	2:02.29	1:46.99	1:41.89	1:14.49	8&Under 100 m FREESTYLE	1:13.69	1:41.89	1:46.99	2:02.29	2:22.69
1:14.09	1:03.49	55.59	52.89	39.59	8&Under 50 m BACKSTROKE	39.99	52.89	55.59	1:03.49	1:14.09
1:22.19	1:10.49	1:01.69	58.69	43.89	8&Under 50 m BREASTSTROKE	44.09	58.69	1:01.69	1:10.49	1:22.19
1:21.09	1:09.49	1:00.79	57.89	37.79	8&Under 50 m BUTTERFLY	36.99	57.89	1:00.79	1:09.49	1:21.09
51.19	43.89	38.39	36.49	33.59	9-10 50 m FREESTYLE	33.49	36.19	38.09	43.69	50.69
1:54.79	1:38.39	1:26.09	1:21.89	1:14.49	9-10 100 m FREESTYLE	1:13.69	1:20.59	1:24.69	1:37.29	1:52.89
4:10.31	3:34.55	3:07.83	2:58.69	2:41.99	9-10 200 m FREESTYLE	2:38.09	2:52.39	3:01.19	3:27.99	4:01.49
1:01.29	52.49	45.99	43.69	39.59	9-10 50 m BACKSTROKE	39.99	44.19	46.49	53.39	1:01.99
2:13.49	1:54.49	1:40.19	1:35.29	1:26.29	9-10 100 m BACKSTROKE	1:25.39	1:33.69	1:38.49	1:53.09	2:11.29
1:07.69	57.99	50.79	48.29	43.89	9-10 50 m BREASTSTROKE	44.09	48.49	50.99	58.59	1:07.99
2:30.03	2:08.61	1:52.57	1:47.09	1:36.89	9-10 100 m BREASTSTROKE	1:36.79	1:45.99	1:51.39	2:07.89	2:28.49
58.99	50.59	44.29	42.09	37.79	9-10 50 m BUTTERFLY	36.99	40.99	43.09	49.49	57.49
2:18.29	1:58.59	1:43.69	1:38.69	1:26.99	9-10 100 m BUTTERFLY	1:25.99	1:37.19	1:42.19	1:57.29	2:16.19
4:40.99	4:00.89	3:30.79	3:20.59	3:02.89	9-10 200 m IND MEDLEY	3:01.69	3:18.89	3:28.99	3:59.99	4:38.69
45.39	38.89	34.09	32.39	30.99	11-12 50 m FREESTYLE	30.19	32.99	34.68	39.67	46.25
1:39.45	1:25.27	1:14.58	1:10.99	1:07.89	11-12 100 m FREESTYLE	1:05.59	1:11.59	1:15.19	1:25.99	1:40.29
3:33.65	3:03.07	2:40.26	2:32.49	2:25.89	11-12 200 m FREESTYLE	2:22.69	2:35.69	2:43.56	3:06.99	3:38.09
7:26.19	6:22.29	5:34.69	5:18.49	5:04.69	11-12 400 m FREESTYLE	5:01.79	5:29.19	5:45.80	6:35.35	7:41.21
52.69	45.19	39.49	37.59	35.89	11-12 50 m BACKSTROKE	35.29	38.79	40.79	46.59	54.39
1:55.29	1:38.79	1:26.49	1:22.29	1:18.19	11-12 100 m BACKSTROKE	1:15.79	1:23.59	1:27.79	1:40.39	1:57.09
56.59	48.49	42.44	40.39	38.59	11-12 50 m BREASTSTROKE	38.99	43.09	45.28	51.77	1:00.85
2:05.69	1:47.69	1:34.29	1:29.69	1:25.59	11-12 100 m BREASTSTROKE	1:25.19	1:33.59	1:38.37	1:52.43	2:11.17
49.21	42.45	36.88	35.09	33.59	11-12 50 m BUTTERFLY	33.09	36.59	38.48	43.97	51.35
1:50.65	1:34.87	1:23.03	1:18.99	1:14.99	11-12 100 m BUTTERFLY	1:13.99	1:22.09	1:26.27	1:38.63	1:55.07
4:01.89	3:27.29	3:01.49	2:52.69	2:45.19	11-12 200 m IND MEDLEY	2:42.39	2:58.09	3:07.09	3:33.89	4:09.49
44.05	37.67	32.98	31.39	30.09	13-14 50 m FREESTYLE	28.09	29.39	30.89	35.29	41.19
1:35.37	1:21.73	1:11.57	1:08.09	1:05.09	13-14 100 m FREESTYLE	1:01.09	1:03.89	1:07.19	1:16.69	1:29.49
3:24.79	2:55.49	2:33.59	2:26.19	2:19.89	13-14 200 m FREESTYLE	2:12.89	2:18.99	2:26.09	2:46.89	3:14.69
7:05.09	6:04.29	5:18.79	5:03.49	4:50.29	13-14 400 m FREESTYLE	4:40.19	4:52.89	5:07.69	5:51.59	6:50.19
<b>**14:29.80</b>	<b>**12:25.40</b>	10:36.19	10:20.99	9:53.99	13-14 800 m FREESTYLE	9:38.69	10:04.99	10:19.81	<b>**12:06.24</b>	<b>**14:07.28</b>
<b>**27:44.12</b>	<b>**23:46.11</b>	20:17.16	19:48.09	18:56.49	13-14 1500 m FREESTYLE	18:32.09	19:22.59	19:51.24	<b>**23:15.59</b>	<b>**27:08.20</b>
1:47.57	1:32.23	1:20.67	1:16.79	1:13.49	13-14 100 m BACKSTROKE	1:08.79	1:11.89	1:15.56	1:26.39	1:40.69
3:50.15	3:17.27	2:52.56	2:44.29	2:37.19	13-14 200 m BACKSTROKE	2:28.19	2:34.89	2:42.76	3:05.99	3:36.99
1:59.59	1:42.49	1:29.69	1:25.39	1:21.69	13-14 100 m BREASTSTROKE	1:16.59	1:20.09	1:24.69	1:36.19	1:52.19
4:17.69	3:40.89	3:13.29	3:03.99	2:55.99	13-14 200 m BREASTSTROKE	2:47.19	2:54.79	3:03.69	3:29.89	4:04.79
1:43.77	1:28.93	1:17.87	1:14.09	1:10.79	13-14 100 m BUTTERFLY	1:05.99	1:08.99	1:12.56	1:22.87	1:36.65
3:36.52	3:05.60	2:42.39	2:42.39	2:35.39	13-14 200 m BUTTERFLY	2:26.59	2:33.29	2:33.29	2:55.15	3:24.26
3:51.39	3:18.29	2:53.49	2:45.19	2:37.99	13-14 200 m IND MEDLEY	2:29.19	2:35.99	2:43.90	3:07.25	3:38.51
8:06.23	6:56.81	6:04.64	5:47.19	5:32.09	13-14 400 m IND MEDLEY	5:17.39	5:31.79	5:48.56	6:38.29	7:44.69
43.35	37.17	32.48	30.89	29.59	15-16 50 m FREESTYLE	26.89	28.09	29.59	33.79	39.39
1:33.39	1:20.09	1:10.06	1:06.69	1:03.79	15-16 100 m FREESTYLE	58.79	1:01.39	1:04.49	1:13.69	1:25.99
3:20.59	2:51.89	2:30.49	2:23.19	2:16.99	15-16 200 m FREESTYLE	2:07.39	2:13.19	2:19.98	2:39.95	3:06.61
6:59.05	5:59.17	5:14.36	4:59.19	4:46.19	15-16 400 m FREESTYLE	4:28.89	4:41.09	4:55.29	5:37.49	6:33.69
<b>**14:21.64</b>	<b>**12:18.52</b>	10:30.31	10:15.19	9:48.39	15-16 800 m FREESTYLE	9:14.29	9:39.39	9:53.73	<b>**11:35.64</b>	<b>**13:31.48</b>
<b>**27:28.79</b>	<b>**23:33.19</b>	20:07.06	19:37.19	18:45.99	15-16 1500 m FREESTYLE	17:46.09	18:34.49	19:01.90	<b>**22:18.11</b>	<b>**26:00.94</b>
1:45.03	1:30.01	1:18.77	1:14.99	1:11.79	15-16 100 m BACKSTROKE	1:05.69	1:08.69	1:12.17	1:22.53	1:36.27
3:44.47	3:12.43	2:48.37	2:40.29	2:33.39	15-16 200 m BACKSTROKE	2:21.49	2:27.89	2:35.36	2:57.57	3:27.15
1:57.79	1:40.99	1:28.39	1:24.09	1:20.39	15-16 100 m BREASTSTROKE	1:13.89	1:17.19	1:21.09	1:32.69	1:48.19
4:12.99	3:36.79	3:09.69	3:00.59	2:52.89	15-16 200 m BREASTSTROKE	2:39.69	2:46.99	2:55.49	3:20.49	3:53.89
1:41.81	1:27.25	1:16.38	1:12.69	1:09.49	15-16 100 m BUTTERFLY	1:03.29	1:06.19	1:09.59	1:19.49	1:32.79
3:30.33	3:00.35	2:37.79	2:37.79	2:30.99	15-16 200 m BUTTERFLY	2:19.49	2:25.89	2:25.89	2:46.73	3:14.52
3:45.59	3:13.39	2:49.29	2:41.09	2:34.19	15-16 200 m IND MEDLEY	2:23.99	2:30.59	2:38.18	3:00.77	3:30.95
7:58.59	6:50.19	5:58.94	5:41.69	5:26.79	15-16 400 m IND MEDLEY	5:02.49	5:16.19	5:32.19	6:19.59	7:22.89
43.19	36.99	32.39	30.79	29.59	17-18 50 m FREESTYLE	26.89	27.49	28.89	33.09	38.59
1:32.89	1:19.59	1:09.69	1:06.29	1:03.79	17-18 100 m FREESTYLE	58.79	1:00.09	1:03.19	1:12.19	1:24.19
3:18.89	2:50.49	2:29.14	2:21.99	2:16.99	17-18 200 m FREESTYLE	2:07.39	2:10.59	2:17.19	2:36.79	3:02.99
7:19.29	6:07.89	5:14.49	4:56.49	4:46.19	17-18 400 m FREESTYLE	4:28.89	4:36.39	4:50.29	5:31.79	6:27.19
<b>**15:00.23</b>	<b>**12:33.91</b>	10:22.45	10:07.59	9:48.39	17-18 800 m FREESTYLE	9:14.29	9:34.09	10:03.19	<b>**11:29.16</b>	<b>**13:24.23</b>
<b>**28:48.16</b>	<b>**24:07.28</b>	19:54.97	19:26.39	18:45.99	17-18 1500 m FREESTYLE	17:46.09	18:13.29	18:40.31	<b>**21:52.43</b>	<b>**25:31.57</b>
1:44.55	1:29.57	1:18.36	1:14.59	1:11.79	17-18 100 m BACKSTROKE	1:05.69	1:07.29	1:10.67	1:20.81	1:34.33
3:43.29	3:11.39	2:47.44	2:39.39	2:33.39	17-18 200 m BACKSTROKE	2:21.49	2:24.79	2:32.17	2:53.81	3:22.83
1:57.55	1:40.77	1:28.16	1:23.89	1:20.39	17-18 100 m BREASTSTROKE	1:13.89	1:15.19	1:18.99	1:30.29	1:45.39
4:13.23	3:37.11	3:09.97	3:00.79	2:52.89	17-18 200 m BREASTSTROKE	2:39.69	2:43.29	2:51.59	3:16.09	3:48.79
1:41.01	1:26.55	1:15.78	1:12.09	1:09.49	17-18 100 m BUTTERFLY	1:03.29	1:04.49	1:07.79	1:17.49	1:30.39
3:27.36	2:57.76	2:35.59	2:35.59	2:30.99	17-18 200 m BUTTERFLY	2:19.49	2:23.29	2:23.29	2:43.75	3:10.96
3:45.73	3:13.51	2:49.32	2:41.19	2:34.19	17-18 200 m IND MEDLEY	2:23.99	2:26.49	2:33.92	2:55.93	3:25.17
7:56.71	6:48.65	5:57.50	5:40.39	5:26.79	17-18 400 m IND MEDLEY	5:02.49	5:11.99	5:27.69	6:25.69	7:16.99