

2016 Masters Motivational Times - SCY

*Revision 01 Jan 2016
by Swimosaur*

18-24 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
34.80	32.31	29.83	28.59	27.34	26.10	24.86	50 Free	21.25	22.31	23.38	24.44	25.50	27.63	29.75
1:16.43	1:10.97	1:05.51	1:02.78	1:00.05	57.32	54.59	100 Free	47.43	49.80	52.17	54.54	56.91	1:01.65	1:06.40
2:49.80	2:37.67	2:25.54	2:19.48	2:13.41	2:07.35	2:01.28	200 Free	1:48.43	1:53.85	1:59.27	2:04.69	2:10.11	2:20.95	2:31.80
7:41.53	7:08.56	6:35.60	6:19.11	6:02.63	5:46.15	5:29.66	500 Free	5:05.82	5:21.11	5:36.40	5:51.69	6:06.98	6:37.57	7:08.15
16:47.49	15:35.53	14:23.56	13:47.58	13:11.60	12:35.62	11:59.64	1000 Free	11:42.81	12:17.95	12:53.09	13:28.23	14:03.37	15:13.65	16:23.93
28:22.40	26:20.80	24:19.20	23:18.40	22:17.60	21:16.80	20:16.00	1650 Free	19:31.33	20:29.90	21:28.47	22:27.03	23:25.60	25:22.73	27:19.87
39.76	36.92	34.08	32.66	31.24	29.82	28.40	50 Back	25.07	26.32	27.57	28.83	30.08	32.59	35.09
1:26.12	1:19.97	1:13.82	1:10.74	1:07.67	1:04.59	1:01.52	100 Back	54.46	57.18	59.90	1:02.63	1:05.35	1:10.79	1:16.24
3:15.83	3:01.84	2:47.85	2:40.86	2:33.86	2:26.87	2:19.88	200 Back	2:04.87	2:11.11	2:17.35	2:23.60	2:29.84	2:42.33	2:54.81
45.53	42.28	39.03	37.40	35.78	34.15	32.52	50 Breast	27.17	28.53	29.88	31.24	32.60	35.32	38.03
1:38.11	1:31.10	1:24.10	1:20.59	1:17.09	1:13.58	1:10.08	100 Breast	1:00.32	1:03.34	1:06.36	1:09.37	1:12.39	1:18.42	1:24.45
3:43.16	3:27.22	3:11.28	3:03.31	2:55.34	2:47.37	2:39.40	200 Breast	2:16.81	2:23.65	2:30.49	2:37.33	2:44.17	2:57.85	3:11.53
37.37	34.70	32.03	30.70	29.36	28.03	26.69	50 Fly	23.26	24.42	25.59	26.75	27.91	30.24	32.56
1:24.31	1:18.29	1:12.26	1:09.25	1:06.24	1:03.23	1:00.22	100 Fly	52.14	54.74	57.35	59.96	1:02.56	1:07.78	1:12.99
3:26.24	3:11.51	2:56.78	2:49.41	2:42.05	2:34.68	2:27.32	200 Fly	2:04.98	2:11.23	2:17.47	2:23.72	2:29.97	2:42.47	2:54.97
1:26.17	1:20.02	1:13.86	1:10.79	1:07.71	1:04.63	1:01.55	100 IM	53.55	56.23	58.91	1:01.58	1:04.26	1:09.62	1:14.97
3:10.94	2:57.30	2:43.66	2:36.84	2:30.02	2:23.20	2:16.38	200 IM	2:01.97	2:08.07	2:14.17	2:20.27	2:26.37	2:38.57	2:50.76
7:03.29	6:33.05	6:02.82	5:47.70	5:32.58	5:17.46	5:02.35	400 IM	4:33.07	4:46.72	5:00.38	5:14.03	5:27.68	5:54.99	6:22.30

18-24 Men

25-29 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
34.17	31.73	29.29	28.07	26.85	25.63	24.41	50 Free	20.96	22.01	23.06	24.11	25.16	27.25	29.35
1:15.32	1:09.94	1:04.56	1:01.87	59.18	56.49	53.80	100 Free	46.52	48.85	51.17	53.50	55.82	1:00.48	1:05.13
2:46.90	2:34.98	2:23.06	2:17.10	2:11.14	2:05.18	1:59.22	200 Free	1:47.32	1:52.69	1:58.06	2:03.42	2:08.79	2:19.52	2:30.25
7:34.97	7:02.47	6:29.98	6:13.73	5:57.48	5:41.23	5:24.98	500 Free	5:01.92	5:17.02	5:32.11	5:47.21	6:02.30	6:32.50	7:02.69
16:19.57	15:09.60	13:59.63	13:24.65	12:49.66	12:14.68	11:39.69	1000 Free	11:02.86	11:36.00	12:09.15	12:42.29	13:15.43	14:21.72	15:28.00
27:34.31	25:36.15	23:37.98	22:38.90	21:39.82	20:40.74	19:41.65	1650 Free	18:44.14	19:40.34	20:36.55	21:32.76	22:28.96	24:21.38	26:13.79
40.38	37.50	34.61	33.17	31.73	30.29	28.84	50 Back	24.84	26.08	27.32	28.56	29.80	32.29	34.77
1:27.69	1:21.43	1:15.16	1:12.03	1:08.90	1:05.77	1:02.64	100 Back	54.93	57.68	1:00.43	1:03.17	1:05.92	1:11.41	1:16.91
3:13.77	2:59.93	2:46.09	2:39.17	2:32.25	2:25.33	2:18.41	200 Back	2:06.40	2:12.72	2:19.04	2:25.36	2:31.68	2:44.32	2:56.96
44.87	41.67	38.46	36.86	35.26	33.66	32.05	50 Breast	26.93	28.28	29.63	30.97	32.32	35.01	37.71
1:37.00	1:30.07	1:23.14	1:19.68	1:16.22	1:12.75	1:09.29	100 Breast	59.34	1:02.30	1:05.27	1:08.24	1:11.20	1:17.14	1:23.07
3:33.08	3:17.86	3:02.64	2:55.03	2:47.42	2:39.81	2:32.20	200 Breast	2:14.91	2:21.65	2:28.40	2:35.14	2:41.89	2:55.38	3:08.87
37.23	34.57	31.91	30.58	29.25	27.92	26.59	50 Fly	22.97	24.12	25.27	26.42	27.57	29.87	32.16
1:22.84	1:16.93	1:11.01	1:08.05	1:05.09	1:02.13	59.17	100 Fly	51.96	54.55	57.15	59.75	1:02.35	1:07.54	1:12.74
3:14.63	3:00.73	2:46.83	2:39.88	2:32.93	2:25.97	2:19.02	200 Fly	2:06.64	2:12.97	2:19.30	2:25.64	2:31.97	2:44.63	2:57.30
1:24.84	1:18.78	1:12.72	1:09.69	1:06.66	1:03.63	1:00.60	100 IM	53.19	55.85	58.51	1:01.16	1:03.82	1:09.14	1:14.46
3:09.77	2:56.22	2:42.66	2:35.89	2:29.11	2:22.33	2:15.55	200 IM	2:02.37	2:08.48	2:14.60	2:20.72	2:26.84	2:39.08	2:51.31
6:55.52	6:25.84	5:56.16	5:41.32	5:26.48	5:11.64	4:56.80	400 IM	4:32.66	4:46.29	4:59.93	5:13.56	5:27.19	5:54.46	6:21.72

25-29 Men

2016 Masters Motivational Times - SCY

*Revision 01 Jan 2016
by Swimosaur*

30-34 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
35.20	32.69	30.17	28.91	27.66	26.40	25.14	50 Free	21.78	22.87	23.96	25.05	26.14	28.31	30.49
1:18.17	1:12.59	1:07.00	1:04.21	1:01.42	58.63	55.84	100 Free	47.62	50.00	52.38	54.76	57.14	1:01.91	1:06.67
2:53.88	2:41.46	2:29.04	2:22.83	2:16.62	2:10.41	2:04.20	200 Free	1:49.54	1:55.02	2:00.49	2:05.97	2:11.45	2:22.40	2:33.36
7:54.10	7:20.23	6:46.37	6:29.44	6:12.50	5:55.57	5:38.64	500 Free	5:01.63	5:16.71	5:31.80	5:46.88	6:01.96	6:32.12	7:02.29
16:35.41	15:24.31	14:13.21	13:37.66	13:02.11	12:26.56	11:51.01	1000 Free	10:58.95	11:31.90	12:04.84	12:37.79	13:10.74	14:16.63	15:22.53
28:29.20	26:27.12	24:25.03	23:23.99	22:22.95	21:21.90	20:20.86	1650 Free	18:32.54	19:28.17	20:23.80	21:19.42	22:15.05	24:06.31	25:57.56
41.21	38.27	35.32	33.85	32.38	30.91	29.44	50 Back	26.02	27.32	28.63	29.93	31.23	33.83	36.43
1:29.64	1:23.23	1:16.83	1:13.63	1:10.43	1:07.23	1:04.03	100 Back	56.33	59.15	1:01.97	1:04.78	1:07.60	1:13.23	1:18.87
3:18.95	3:04.74	2:50.53	2:43.43	2:36.32	2:29.22	2:22.11	200 Back	2:07.53	2:13.91	2:20.28	2:26.66	2:33.04	2:45.79	2:58.54
45.74	42.48	39.21	37.57	35.94	34.31	32.67	50 Breast	27.83	29.22	30.61	32.00	33.39	36.17	38.96
1:39.37	1:32.27	1:25.17	1:21.62	1:18.07	1:14.53	1:10.98	100 Breast	1:01.92	1:05.01	1:08.11	1:11.20	1:14.30	1:20.49	1:26.68
3:43.00	3:27.07	3:11.14	3:03.18	2:55.21	2:47.25	2:39.28	200 Breast	2:18.91	2:25.86	2:32.80	2:39.75	2:46.70	3:00.59	3:14.48
38.51	35.76	33.01	31.63	30.26	28.88	27.51	50 Fly	23.78	24.97	26.16	27.35	28.54	30.91	33.29
1:27.01	1:20.79	1:14.58	1:11.47	1:08.36	1:05.25	1:02.15	100 Fly	52.80	55.44	58.08	1:00.72	1:03.36	1:08.64	1:13.92
3:30.54	3:15.50	3:00.46	2:52.94	2:45.43	2:37.91	2:30.39	200 Fly	2:06.02	2:12.32	2:18.63	2:24.93	2:31.23	2:43.83	2:56.43
1:29.10	1:22.73	1:16.37	1:13.19	1:10.00	1:06.82	1:03.64	100 IM	55.11	57.86	1:00.62	1:03.37	1:06.13	1:11.64	1:17.15
3:15.25	3:01.31	2:47.36	2:40.39	2:33.41	2:26.44	2:19.47	200 IM	2:03.18	2:09.34	2:15.49	2:21.65	2:27.81	2:40.13	2:52.45
7:12.06	6:41.20	6:10.34	5:54.91	5:39.48	5:24.05	5:08.62	400 IM	4:30.12	4:43.63	4:57.13	5:10.64	5:24.14	5:51.16	6:18.17

30-34 Men

35-39 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
35.84	33.28	30.72	29.44	28.16	26.88	25.60	50 Free	21.89	22.99	24.08	25.18	26.27	28.46	30.65
1:18.42	1:12.82	1:07.22	1:04.42	1:01.61	58.81	56.01	100 Free	48.69	51.12	53.56	55.99	58.42	1:03.29	1:08.16
2:54.93	2:42.43	2:29.94	2:23.69	2:17.44	2:11.19	2:04.95	200 Free	1:49.91	1:55.40	2:00.90	2:06.39	2:11.89	2:22.88	2:33.87
8:00.14	7:25.85	6:51.55	6:34.40	6:17.26	6:00.11	5:42.96	500 Free	5:06.00	5:21.30	5:36.60	5:51.90	6:07.20	6:37.80	7:08.40
16:52.11	15:39.81	14:27.52	13:51.37	13:15.23	12:39.08	12:02.93	1000 Free	10:57.16	11:30.01	12:02.87	12:35.73	13:08.59	14:14.30	15:20.02
28:13.28	26:12.33	24:11.38	23:10.91	22:10.43	21:09.96	20:09.48	1650 Free	18:40.89	19:36.94	20:32.98	21:29.03	22:25.07	24:17.16	26:09.25
42.10	39.10	36.09	34.58	33.08	31.58	30.07	50 Back	25.94	27.24	28.53	29.83	31.13	33.72	36.32
1:31.38	1:24.86	1:18.33	1:15.06	1:11.80	1:08.54	1:05.27	100 Back	56.27	59.09	1:01.90	1:04.71	1:07.53	1:13.16	1:18.78
3:22.44	3:07.98	2:53.52	2:46.29	2:39.06	2:31.83	2:24.60	200 Back	2:05.30	2:11.57	2:17.83	2:24.10	2:30.36	2:42.89	2:55.42
46.82	43.47	40.13	38.46	36.78	35.11	33.44	50 Breast	28.21	29.62	31.03	32.44	33.85	36.67	39.49
1:41.82	1:34.55	1:27.28	1:23.64	1:20.00	1:16.37	1:12.73	100 Breast	1:02.27	1:05.38	1:08.49	1:11.61	1:14.72	1:20.95	1:27.17
3:48.19	3:31.89	3:15.59	3:07.44	2:59.29	2:51.14	2:42.99	200 Breast	2:20.71	2:27.75	2:34.78	2:41.82	2:48.85	3:02.92	3:16.99
39.28	36.48	33.67	32.27	30.87	29.46	28.06	50 Fly	24.25	25.47	26.68	27.89	29.10	31.53	33.95
1:28.84	1:22.49	1:16.15	1:12.98	1:09.80	1:06.63	1:03.46	100 Fly	54.50	57.23	59.95	1:02.67	1:05.40	1:10.85	1:16.30
3:43.82	3:27.83	3:11.84	3:03.85	2:55.86	2:47.86	2:39.87	200 Fly	2:08.07	2:14.48	2:20.88	2:27.28	2:33.69	2:46.50	2:59.30
1:29.64	1:23.23	1:16.83	1:13.63	1:10.43	1:07.23	1:04.03	100 IM	55.80	58.59	1:01.38	1:04.17	1:06.96	1:12.54	1:18.12
3:17.96	3:03.82	2:49.68	2:42.61	2:35.54	2:28.47	2:21.40	200 IM	2:06.27	2:12.58	2:18.89	2:25.21	2:31.52	2:44.15	2:56.77
7:19.09	6:47.72	6:16.36	6:00.68	5:45.00	5:29.32	5:13.63	400 IM	4:38.16	4:52.06	5:05.97	5:19.88	5:33.79	6:01.60	6:29.42

35-39 Men

2016 Masters Motivational Times - SCY

*Revision 01 Jan 2016
by Swimosaur*

40-44 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
35.77	33.21	30.66	29.38	28.10	26.82	25.55	50 Free	22.29	23.40	24.52	25.63	26.75	28.98	31.21
1:18.38	1:12.78	1:07.18	1:04.38	1:01.58	58.78	55.98	100 Free	49.17	51.63	54.08	56.54	59.00	1:03.92	1:08.83
2:56.35	2:43.75	2:31.16	2:24.86	2:18.56	2:12.26	2:05.96	200 Free	1:50.98	1:56.53	2:02.07	2:07.62	2:13.17	2:24.27	2:35.37
7:57.45	7:23.35	6:49.24	6:32.19	6:15.14	5:58.09	5:41.04	500 Free	5:07.97	5:23.37	5:38.77	5:54.17	6:09.57	6:40.37	7:11.16
16:46.50	15:34.60	14:22.71	13:46.77	13:10.82	12:34.87	11:58.93	1000 Free	10:55.76	11:28.55	12:01.34	12:34.12	13:06.91	14:12.49	15:18.06
28:40.76	26:37.85	24:34.94	23:33.48	22:32.02	21:30.57	20:29.11	1650 Free	18:38.94	19:34.89	20:30.83	21:26.78	22:22.73	24:14.62	26:06.52
42.27	39.25	36.23	34.72	33.21	31.70	30.19	50 Back	26.22	27.53	28.85	30.16	31.47	34.09	36.71
1:32.10	1:25.52	1:18.94	1:15.65	1:12.37	1:09.08	1:05.79	100 Back	56.94	59.78	1:02.63	1:05.48	1:08.32	1:14.02	1:19.71
3:22.76	3:08.28	2:53.80	2:46.55	2:39.31	2:32.07	2:24.83	200 Back	2:07.94	2:14.34	2:20.73	2:27.13	2:33.53	2:46.32	2:59.12
47.32	43.94	40.56	38.87	37.18	35.49	33.80	50 Breast	28.32	29.74	31.16	32.57	33.99	36.82	39.65
1:44.26	1:36.81	1:29.36	1:25.64	1:21.92	1:18.19	1:14.47	100 Breast	1:02.77	1:05.91	1:09.05	1:12.19	1:15.33	1:21.61	1:27.88
3:55.13	3:38.34	3:21.54	3:13.15	3:04.75	2:56.35	2:47.95	200 Breast	2:21.24	2:28.30	2:35.36	2:42.42	2:49.48	3:03.61	3:17.73
39.69	36.85	34.02	32.60	31.18	29.76	28.35	50 Fly	24.19	25.40	26.61	27.82	29.03	31.45	33.87
1:30.43	1:23.97	1:17.51	1:14.28	1:11.05	1:07.82	1:04.59	100 Fly	54.97	57.72	1:00.47	1:03.22	1:05.97	1:11.47	1:16.96
3:33.69	3:18.42	3:03.16	2:55.53	2:47.90	2:40.26	2:32.63	200 Fly	2:12.81	2:19.45	2:26.09	2:32.73	2:39.37	2:52.65	3:05.93
1:31.69	1:25.14	1:18.59	1:15.32	1:12.04	1:08.77	1:05.49	100 IM	56.21	59.02	1:01.83	1:04.65	1:07.46	1:13.08	1:18.70
3:24.90	3:10.27	2:55.63	2:48.31	2:41.00	2:33.68	2:26.36	200 IM	2:05.78	2:12.07	2:18.36	2:24.65	2:30.94	2:43.52	2:56.10
7:24.08	6:52.36	6:20.64	6:04.78	5:48.92	5:33.06	5:17.20	400 IM	4:35.74	4:49.53	5:03.31	5:17.10	5:30.89	5:58.46	6:26.04

40-44 Men

45-49 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
36.79	34.16	31.53	30.22	28.90	27.59	26.28	50 Free	22.62 ^b	23.75	24.88	26.01	27.14	29.41	31.67
1:21.05	1:15.26	1:09.47	1:06.57	1:03.68	1:00.78	57.89	100 Free	49.55	52.02	54.50	56.98	59.46	1:04.41	1:09.37
2:58.30	2:45.57	2:32.83	2:26.46	2:20.10	2:13.73	2:07.36	200 Free	1:51.76	1:57.35	2:02.94	2:08.52	2:14.11	2:25.29	2:36.46
7:58.83	7:24.63	6:50.43	6:33.33	6:16.23	5:59.12	5:42.02	500 Free	5:07.97	5:23.37	5:38.77	5:54.17	6:09.57	6:40.37	7:11.16
16:37.75	15:26.48	14:15.21	13:39.58	13:03.94	12:28.31	11:52.68	1000 Free	10:48.04	11:20.44	11:52.84	12:25.25	12:57.65	14:02.45	15:07.26
28:02.06	26:01.92	24:01.77	23:01.69	22:01.62	21:01.55	20:01.47	1650 Free	18:29.30	19:24.77	20:20.23	21:15.70	22:11.16	24:02.09	25:53.02
42.91	39.85	36.78	35.25	33.72	32.19	30.65	50 Back	26.65	27.98	29.31	30.64	31.98	34.64	37.31
1:32.50	1:25.90	1:19.29	1:15.98	1:12.68	1:09.38	1:06.07	100 Back	58.77	1:01.71	1:04.65	1:07.59	1:10.53	1:16.41	1:22.28
3:25.01	3:10.37	2:55.72	2:48.40	2:41.08	2:33.76	2:26.44	200 Back	2:08.60	2:15.03	2:21.46	2:27.89	2:34.32	2:47.18	3:00.04
48.57	45.10	41.63	39.89	38.16	36.42	34.69	50 Breast	28.87	30.32	31.76	33.20	34.65	37.54	40.42
1:46.06	1:38.48	1:30.91	1:27.12	1:23.33	1:19.54	1:15.76	100 Breast	1:02.77	1:05.91	1:09.05	1:12.19	1:15.33	1:21.61	1:27.88
3:53.48	3:36.80	3:20.12	3:11.79	3:03.45	2:55.11	2:46.77	200 Breast	2:23.34	2:30.51	2:37.68	2:44.84	2:52.01	3:06.35	3:20.68
40.23	37.36	34.48	33.05	31.61	30.17	28.74	50 Fly	24.62	25.85	27.09	28.32	29.55	32.01	34.47
1:31.31	1:24.79	1:18.26	1:15.00	1:11.74	1:08.48	1:05.22	100 Fly	55.32	58.08	1:00.85	1:03.61	1:06.38	1:11.91	1:17.44
3:33.92	3:18.64	3:03.36	2:55.72	2:48.08	2:40.44	2:32.80	200 Fly	2:12.93	2:19.58	2:26.22	2:32.87	2:39.52	2:52.81	3:06.10
1:33.83	1:27.13	1:20.43	1:17.08	1:13.73	1:10.37	1:07.02	100 IM	57.33	1:00.20	1:03.07	1:05.93	1:08.80	1:14.53	1:20.27
3:26.99	3:12.21	2:57.42	2:50.03	2:42.64	2:35.25	2:27.85	200 IM	2:07.41	2:13.78	2:20.15	2:26.52	2:32.89	2:45.63	2:58.37
7:24.53	6:52.78	6:21.03	6:05.15	5:49.28	5:33.40	5:17.52	400 IM	4:32.70	4:46.34	4:59.97	5:13.61	5:27.24	5:54.51	6:21.78

45-49 Men

2016 Masters Motivational Times - SCY

*Revision 01 Jan 2016
by Swimosaur*

50-54 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
37.20	34.54	31.88	30.56	29.23	27.90	26.57	50 Free	23.08	24.24	25.39	26.55	27.70	30.01	32.32
1:21.93	1:16.08	1:10.22	1:07.30	1:04.37	1:01.45	58.52	100 Free	51.24	53.80	56.36	58.92	1:01.48	1:06.61	1:11.73
3:00.50	2:47.60	2:34.71	2:28.27	2:21.82	2:15.37	2:08.93	200 Free	1:54.93	2:00.67	2:06.42	2:12.17	2:17.91	2:29.40	2:40.90
8:05.36	7:30.69	6:56.02	6:38.69	6:21.35	6:04.02	5:46.68	500 Free	5:15.25	5:31.01	5:46.77	6:02.53	6:18.30	6:49.82	7:21.35
16:43.18	15:31.53	14:19.87	13:44.04	13:08.22	12:32.39	11:56.56	1000 Free	11:09.20	11:42.66	12:16.12	12:49.58	13:23.04	14:29.96	15:36.88
28:09.05	26:08.40	24:07.76	23:07.43	22:07.11	21:06.79	20:06.46	1650 Free	19:02.24	19:59.35	20:56.46	21:53.57	22:50.68	24:44.91	26:39.13
44.51	41.33	38.15	36.56	34.97	33.38	31.79	50 Back	27.30	28.67	30.03	31.40	32.76	35.49	38.22
1:35.84	1:29.00	1:22.15	1:18.73	1:15.31	1:11.88	1:08.46	100 Back	59.59	1:02.57	1:05.55	1:08.53	1:11.51	1:17.47	1:23.43
3:29.51	3:14.55	2:59.58	2:52.10	2:44.62	2:37.14	2:29.65	200 Back	2:12.86	2:19.50	2:26.14	2:32.79	2:39.43	2:52.71	3:06.00
49.62	46.08	42.53	40.76	38.99	37.22	35.44	50 Breast	29.47	30.94	32.42	33.89	35.36	38.31	41.26
1:48.73	1:40.96	1:33.20	1:29.31	1:25.43	1:21.55	1:17.66	100 Breast	1:05.03	1:08.28	1:11.53	1:14.78	1:18.04	1:24.54	1:31.04
3:58.98	3:41.91	3:24.84	3:16.30	3:07.77	2:59.23	2:50.70	200 Breast	2:29.36	2:36.83	2:44.30	2:51.76	2:59.23	3:14.17	3:29.10
40.89	37.97	35.05	33.59	32.13	30.67	29.21	50 Fly	25.22	26.48	27.75	29.01	30.27	32.79	35.31
1:33.29	1:26.63	1:19.96	1:16.63	1:13.30	1:09.97	1:06.64	100 Fly	56.60	59.43	1:02.26	1:05.09	1:07.92	1:13.58	1:19.24
3:45.46	3:29.35	3:13.25	3:05.20	2:57.14	2:49.09	2:41.04	200 Fly	2:14.46	2:21.19	2:27.91	2:34.63	2:41.36	2:54.80	3:08.25
1:36.55	1:29.65	1:22.76	1:19.31	1:15.86	1:12.41	1:08.96	100 IM	58.98	1:01.93	1:04.88	1:07.83	1:10.78	1:16.68	1:22.58
3:29.55	3:14.58	2:59.61	2:52.13	2:44.64	2:37.16	2:29.68	200 IM	2:10.59	2:17.12	2:23.65	2:30.18	2:36.71	2:49.77	3:02.83
7:32.02	6:59.73	6:27.44	6:11.30	5:55.16	5:39.01	5:22.87	400 IM	4:46.54	5:00.87	5:15.19	5:29.52	5:43.85	6:12.50	6:41.16

50-54 Men

55-59 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
39.02	36.24	33.45	32.05	30.66	29.27	27.87	50 Free	23.74	24.93	26.12	27.30	28.49	30.87	33.24
1:26.57	1:20.38	1:14.20	1:11.11	1:08.02	1:04.92	1:01.83	100 Free	52.74	55.37	58.01	1:00.65	1:03.28	1:08.56	1:13.83
3:11.37	2:57.70	2:44.03	2:37.20	2:30.36	2:23.53	2:16.69	200 Free	1:58.14	2:04.05	2:09.96	2:15.86	2:21.77	2:33.59	2:45.40
8:33.15	7:56.50	7:19.84	7:01.52	6:43.19	6:24.86	6:06.54	500 Free	5:24.55	5:40.78	5:57.01	6:13.24	6:29.46	7:01.92	7:34.37
17:57.63	16:40.66	15:23.68	14:45.20	14:06.71	13:28.22	12:49.74	1000 Free	11:24.86	11:59.10	12:33.34	13:07.59	13:41.83	14:50.31	15:58.80
30:45.10	28:33.30	26:21.51	25:15.62	24:09.72	23:03.82	21:57.93	1650 Free	19:19.74	20:17.73	21:15.72	22:13.70	23:11.69	25:07.67	27:03.64
46.96	43.61	40.25	38.57	36.90	35.22	33.54	50 Back	28.49	29.92	31.34	32.77	34.19	37.04	39.89
1:42.43	1:35.12	1:27.80	1:24.14	1:20.48	1:16.83	1:13.17	100 Back	1:01.44	1:04.51	1:07.58	1:10.66	1:13.73	1:19.87	1:26.02
3:40.53	3:24.78	3:09.03	3:01.15	2:53.28	2:45.40	2:37.52	200 Back	2:15.10	2:21.85	2:28.61	2:35.36	2:42.12	2:55.63	3:09.14
51.66	47.97	44.28	42.43	40.59	38.74	36.90	50 Breast	30.37	31.89	33.41	34.93	36.44	39.48	42.52
1:53.34	1:45.25	1:37.15	1:33.10	1:29.06	1:25.01	1:20.96	100 Breast	1:07.15	1:10.50	1:13.86	1:17.22	1:20.58	1:27.29	1:34.01
4:12.03	3:54.03	3:36.03	3:27.03	3:18.03	3:09.02	3:00.02	200 Breast	2:31.17	2:38.73	2:46.28	2:53.84	3:01.40	3:16.52	3:31.63
43.65	40.53	37.41	35.85	34.29	32.74	31.18	50 Fly	26.16	27.46	28.77	30.08	31.39	34.00	36.62
1:41.06	1:33.84	1:26.62	1:23.01	1:19.40	1:15.79	1:12.18	100 Fly	59.11	1:02.07	1:05.02	1:07.98	1:10.94	1:16.85	1:22.76
4:14.47	3:56.30	3:38.12	3:29.03	3:19.94	3:10.85	3:01.77	200 Fly	2:20.90	2:27.94	2:34.99	2:42.04	2:49.08	3:03.17	3:17.26
1:40.20	1:33.05	1:25.89	1:22.31	1:18.73	1:15.15	1:11.57	100 IM	1:01.23	1:04.29	1:07.35	1:10.41	1:13.48	1:19.60	1:25.72
3:44.05	3:28.05	3:12.04	3:04.04	2:56.04	2:48.04	2:40.04	200 IM	2:14.36	2:21.07	2:27.79	2:34.51	2:41.23	2:54.66	3:08.10
8:25.05	7:48.98	7:12.90	6:54.86	6:36.82	6:18.79	6:00.75	400 IM	4:56.77	5:11.61	5:26.45	5:41.29	5:56.13	6:25.81	6:55.48

55-59 Men

2016 Masters Motivational Times - SCY

*Revision 01 Jan 2016
by Swimosaur*

60-64 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
41.23	38.28	35.34	33.86	32.39	30.92	29.45	50 Free	24.57	25.80	27.03	28.26	29.49	31.95	34.40
1:32.88	1:26.25	1:19.61	1:16.29	1:12.98	1:09.66	1:06.34	100 Free	54.82	57.56	1:00.31	1:03.05	1:05.79	1:11.27	1:16.75
3:26.50	3:11.75	2:57.00	2:49.63	2:42.25	2:34.88	2:27.50	200 Free	2:04.14	2:10.34	2:16.55	2:22.76	2:28.96	2:41.38	2:53.79
9:17.94	8:38.09	7:58.24	7:38.31	7:18.38	6:58.46	6:38.53	500 Free	5:41.60	5:58.68	6:15.76	6:32.84	6:49.92	7:24.08	7:58.24
19:34.70	18:10.79	16:46.88	16:04.93	15:22.98	14:41.02	13:59.07	1000 Free	11:57.13	12:32.98	13:08.84	13:44.70	14:20.55	15:32.26	16:43.98
32:55.59	30:34.47	28:13.36	27:02.80	25:52.25	24:41.69	23:31.13	1650 Free	20:10.29	21:10.81	22:11.32	23:11.84	24:12.35	26:13.38	28:14.41
50.26	46.67	43.08	41.29	39.49	37.70	35.90	50 Back	29.92	31.42	32.91	34.41	35.90	38.90	41.89
1:50.01	1:42.15	1:34.30	1:30.37	1:26.44	1:22.51	1:18.58	100 Back	1:05.63	1:08.91	1:12.19	1:15.47	1:18.75	1:25.31	1:31.88
4:00.17	3:43.02	3:25.86	3:17.29	3:08.71	3:00.13	2:51.55	200 Back	2:26.64	2:33.98	2:41.31	2:48.64	2:55.97	3:10.64	3:25.30
54.06	50.20	46.34	44.41	42.47	40.54	38.61	50 Breast	32.24	33.85	35.46	37.08	38.69	41.91	45.14
2:00.12	1:51.54	1:42.96	1:38.67	1:34.38	1:30.09	1:25.80	100 Breast	1:11.75	1:15.34	1:18.93	1:22.52	1:26.10	1:33.28	1:40.45
4:32.28	4:12.83	3:53.38	3:43.66	3:33.93	3:24.21	3:14.48	200 Breast	2:42.16	2:50.26	2:58.37	3:06.48	3:14.59	3:30.80	3:47.02
46.49	43.17	39.85	38.19	36.53	34.87	33.21	50 Fly	27.20	28.56	29.92	31.28	32.64	35.36	38.08
1:52.64	1:44.60	1:36.55	1:32.53	1:28.51	1:24.48	1:20.46	100 Fly	1:02.25	1:05.36	1:08.47	1:11.58	1:14.70	1:20.92	1:27.15
4:44.83	4:24.49	4:04.14	3:53.97	3:43.80	3:33.63	3:23.45	200 Fly	2:42.42	2:50.54	2:58.66	3:06.78	3:14.90	3:31.15	3:47.39
1:46.43	1:38.83	1:31.22	1:27.42	1:23.62	1:19.82	1:16.02	100 IM	1:04.06	1:07.26	1:10.47	1:13.67	1:16.87	1:23.28	1:29.68
3:57.69	3:40.71	3:23.74	3:15.25	3:06.76	2:58.27	2:49.78	200 IM	2:23.56	2:30.74	2:37.92	2:45.09	2:52.27	3:06.63	3:20.98
8:55.33	8:17.09	7:38.85	7:19.73	7:00.61	6:41.50	6:22.38	400 IM	5:19.30	5:35.27	5:51.23	6:07.20	6:23.16	6:55.09	7:27.02

60-64 Men

65-69 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
45.00	41.79	38.57	36.96	35.36	33.75	32.14	50 Free	26.09	27.39	28.70	30.00	31.30	33.91	36.52
1:42.48	1:35.16	1:27.84	1:24.18	1:20.52	1:16.86	1:13.20	100 Free	58.27	1:01.18	1:04.10	1:07.01	1:09.92	1:15.75	1:21.58
3:46.82	3:30.62	3:14.42	3:06.32	2:58.22	2:50.12	2:42.02	200 Free	2:11.91	2:18.50	2:25.10	2:31.69	2:38.29	2:51.48	3:04.67
10:14.28	9:30.40	8:46.52	8:24.59	8:02.65	7:40.71	7:18.77	500 Free	6:05.54	6:23.81	6:42.09	7:00.37	7:18.64	7:55.20	8:31.75
21:35.49	20:02.96	18:30.42	17:44.16	16:57.89	16:11.62	15:25.35	1000 Free	13:03.27	13:42.43	14:21.60	15:00.76	15:39.92	16:58.25	18:16.58
38:03.02	35:19.95	32:36.88	31:15.34	29:53.80	28:32.27	27:10.73	1650 Free	22:09.56	23:16.04	24:22.52	25:28.99	26:35.47	28:48.43	31:01.38
56.96	52.89	48.82	46.79	44.76	42.72	40.69	50 Back	32.13	33.73	35.34	36.95	38.55	41.76	44.98
2:04.83	1:55.92	1:47.00	1:42.54	1:38.08	1:33.63	1:29.17	100 Back	1:11.94	1:15.54	1:19.13	1:22.73	1:26.33	1:33.52	1:40.72
4:30.54	4:11.21	3:51.89	3:42.23	3:32.56	3:22.90	3:13.24	200 Back	2:36.26	2:44.07	2:51.88	2:59.70	3:07.51	3:23.13	3:38.76
1:00.48	56.16	51.84	49.68	47.52	45.36	43.20	50 Breast	33.79	35.48	37.17	38.86	40.55	43.93	47.31
2:16.12	2:06.40	1:56.68	1:51.81	1:46.95	1:42.09	1:37.23	100 Breast	1:16.46	1:20.28	1:24.10	1:27.93	1:31.75	1:39.39	1:47.04
5:05.68	4:43.84	4:22.01	4:11.09	4:00.17	3:49.26	3:38.34	200 Breast	2:51.01	2:59.56	3:08.11	3:16.66	3:25.21	3:42.31	3:59.41
52.96	49.18	45.40	43.50	41.61	39.72	37.83	50 Fly	28.68	30.11	31.55	32.98	34.42	37.28	40.15
2:12.76	2:03.27	1:53.79	1:49.05	1:44.31	1:39.57	1:34.83	100 Fly	1:08.09	1:11.49	1:14.90	1:18.30	1:21.71	1:28.52	1:35.33
5:23.38	5:00.28	4:37.18	4:25.63	4:14.09	4:02.54	3:50.99	200 Fly	3:04.35	3:13.56	3:22.78	3:32.00	3:41.22	3:59.65	4:18.09
1:59.65	1:51.10	1:42.56	1:38.28	1:34.01	1:29.74	1:25.46	100 IM	1:08.02	1:11.42	1:14.82	1:18.22	1:21.62	1:28.42	1:35.22
4:31.43	4:12.04	3:52.65	3:42.96	3:33.26	3:23.57	3:13.88	200 IM	2:36.09	2:43.89	2:51.70	2:59.50	3:07.30	3:22.91	3:38.52
10:21.93	9:37.50	8:53.08	8:30.87	8:08.66	7:46.44	7:24.23	400 IM	5:52.93	6:10.57	6:28.22	6:45.87	7:03.51	7:38.80	8:14.10

65-69 Men

2016 Masters Motivational Times - SCY

*Revision 01 Jan 2016
by Swimosaur*

70-74 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
50.88	47.24	43.61	41.79	39.97	38.16	36.34	50 Free	28.48	29.90	31.33	32.75	34.18	37.02	39.87
1:57.39	1:49.01	1:40.62	1:36.43	1:32.24	1:28.05	1:23.85	100 Free	1:04.80	1:08.04	1:11.28	1:14.52	1:17.76	1:24.24	1:30.72
4:22.72	4:03.95	3:45.19	3:35.81	3:26.42	3:17.04	3:07.66	200 Free	2:28.04	2:35.44	2:42.84	2:50.24	2:57.64	3:12.45	3:27.25
11:47.73	10:57.18	10:06.62	9:41.35	9:16.07	8:50.80	8:25.52	500 Free	7:00.97	7:22.02	7:43.07	8:04.12	8:25.16	9:07.26	9:49.36
25:26.31	23:37.29	21:48.27	20:53.76	19:59.25	19:04.73	18:10.22	1000 Free	14:51.05	15:35.60	16:20.15	17:04.71	17:49.26	19:18.36	20:47.47
45:58.23	42:41.21	39:24.20	37:45.69	36:07.18	34:28.67	32:50.16	1650 Free	25:51.42	27:08.99	28:26.57	29:44.14	31:01.71	33:36.85	36:11.99
1:02.68	58.20	53.72	51.49	49.25	47.01	44.77	50 Back	35.05	36.80	38.55	40.30	42.06	45.56	49.07
2:20.49	2:10.45	2:00.42	1:55.40	1:50.38	1:45.36	1:40.35	100 Back	1:18.96	1:22.91	1:26.86	1:30.80	1:34.75	1:42.65	1:50.54
5:02.09	4:40.51	4:18.94	4:08.15	3:57.36	3:46.57	3:35.78	200 Back	3:03.65	3:12.84	3:22.02	3:31.20	3:40.38	3:58.75	4:17.11
1:09.19	1:04.25	59.30	56.83	54.36	51.89	49.42	50 Breast	37.24	39.10	40.96	42.83	44.69	48.41	52.14
2:35.15	2:24.07	2:12.99	2:07.45	2:01.91	1:56.36	1:50.82	100 Breast	1:25.38	1:29.65	1:33.91	1:38.18	1:42.45	1:50.99	1:59.53
5:47.35	5:22.54	4:57.73	4:45.32	4:32.92	4:20.51	4:08.11	200 Breast	3:14.96	3:24.71	3:34.46	3:44.21	3:53.96	4:13.45	4:32.95
1:07.92	1:03.07	58.22	55.79	53.37	50.94	48.52	50 Fly	32.70	34.34	35.97	37.61	39.24	42.51	45.78
2:47.94	2:35.94	2:23.95	2:17.95	2:11.95	2:05.95	1:59.96	100 Fly	1:25.86	1:30.15	1:34.44	1:38.74	1:43.03	1:51.61	2:00.20
6:44.54	6:15.64	5:46.75	5:32.30	5:17.85	5:03.40	4:48.96 ^b	200 Fly	3:29.35	3:39.81	3:50.28	4:00.75	4:11.22	4:32.15	4:53.09
2:18.42	2:08.54	1:58.65	1:53.70	1:48.76	1:43.82	1:38.87	100 IM	1:15.99	1:19.79	1:23.59	1:27.39	1:31.19	1:38.79	1:46.39
5:29.70	5:06.15	4:42.60	4:30.82	4:19.05	4:07.28	3:55.50	200 IM	2:55.87	3:04.67	3:13.46	3:22.25	3:31.05	3:48.64	4:06.22
14:42.82	13:39.76	12:36.70	12:05.17	11:33.65	11:02.12	10:30.59	400 IM	6:48.52	7:08.95	7:29.38	7:49.80	8:10.23	8:51.08	9:31.93

70-74 Men

75-79 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
58.09	53.94	49.79	47.72	45.64	43.57	41.49	50 Free	30.82	32.36	33.91	35.45	36.99	40.07	43.15
2:10.80	2:01.46	1:52.12	1:47.44	1:42.77	1:38.10	1:33.43	100 Free	1:12.36	1:15.98	1:19.60	1:23.21	1:26.83	1:34.07	1:41.30
4:55.81	4:34.68	4:13.55	4:02.99	3:52.42	3:41.86	3:31.29	200 Free	2:48.58	2:57.01	3:05.44	3:13.87	3:22.30	3:39.16	3:56.02
13:17.36	12:20.40	11:23.45	10:54.97	10:26.49	9:58.02	9:29.54	500 Free	7:47.41	8:10.78	8:34.15	8:57.52	9:20.89	10:07.63	10:54.37
30:39.60	28:28.20	26:16.80	25:11.10	24:05.40	22:59.70	21:54.00	1000 Free	17:22.64	18:14.77	19:06.90	19:59.04	20:51.17	22:35.43	24:19.70
48:56.58	45:26.82	41:57.07	40:12.19	38:27.31	36:42.43	34:57.55 ^b	1650 Free	29:47.94	31:17.34	32:46.73	34:16.13	35:45.53	38:44.32	41:43.12
1:09.29	1:04.34	59.39	56.92	54.44	51.97	49.49	50 Back	39.70	41.68	43.67	45.65	47.64	51.61	55.58
2:35.62	2:24.51	2:13.39	2:07.83	2:02.28	1:56.72	1:51.16	100 Back	1:29.20	1:33.66	1:38.12	1:42.58	1:47.04	1:55.96	2:04.88
5:54.11	5:28.81	5:03.52	4:50.87	4:38.23	4:25.58	4:12.93	200 Back	3:22.87	3:33.02	3:43.16	3:53.30	4:03.45	4:23.74	4:44.02
1:22.82	1:16.91	1:10.99	1:08.03	1:05.08	1:02.12	59.16	50 Breast	42.61	44.74	46.87	49.00	51.13	55.39	59.65
3:07.02	2:53.66	2:40.30	2:33.62	2:26.94	2:20.26	2:13.58	100 Breast	1:38.84	1:43.79	1:48.73	1:53.67	1:58.61	2:08.50	2:18.38
6:32.69	6:04.64	5:36.59	5:22.57	5:08.54	4:54.52	4:40.49	200 Breast	3:48.92	4:00.37	4:11.81	4:23.26	4:34.70	4:57.60	5:20.49
1:20.53	1:14.78	1:09.02	1:06.15	1:03.27	1:00.40	57.52	50 Fly	39.35	41.32	43.29	45.26	47.22	51.16	55.09
3:57.96	3:40.96	3:23.96	3:15.47	3:06.97	2:58.47	2:49.97 ^b	100 Fly	1:48.53	1:53.96	1:59.38	2:04.81	2:10.24	2:21.09	2:31.94
9:06.31	8:27.28	7:48.26	7:28.75	7:09.24	6:49.73	6:30.22 ^d	200 Fly	6:46.31 ^b	7:06.62	7:26.94	7:47.25	8:07.57	8:48.20	9:28.83
2:40.37	2:28.91	2:17.46	2:11.73	2:06.00	2:00.28	1:54.55	100 IM	1:27.19	1:31.55	1:35.91	1:40.27	1:44.63	1:53.35	2:02.07
6:24.36	5:56.91	5:29.45	5:15.72	5:02.00	4:48.27	4:34.54	200 IM	3:35.46	3:46.23	3:57.01	4:07.78	4:18.55	4:40.10	5:01.64
14:34.54	13:32.07	12:29.60	11:58.37	11:27.14	10:55.90	10:24.67 ^d	400 IM	9:11.52	9:39.10	10:06.68	10:34.25	11:01.83	11:56.98	12:52.13

75-79 Men

2016 Masters Motivational Times - SCY

*Revision 01 Jan 2016
by Swimosaur*

80-84 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
1:11.24	1:06.15	1:01.06	58.52	55.98	53.43	50.89	50 Free	35.48	37.25	39.02	40.80	42.57	46.12	49.67
2:41.00	2:29.50	2:18.00	2:12.25	2:06.50	2:00.75	1:55.00	100 Free	1:23.17	1:27.33	1:31.49	1:35.65	1:39.81	1:48.13	1:56.44
5:58.37	5:32.77	5:07.18	4:54.38	4:41.58	4:28.78	4:15.98	200 Free	3:13.93	3:23.63	3:33.32	3:43.02	3:52.72	4:12.11	4:31.50
16:13.14	15:03.63	13:54.12	13:19.37	12:44.61	12:09.86	11:35.10	500 Free	9:13.42	9:41.09	10:08.76	10:36.43	11:04.10	11:59.45	12:54.79
31:06.61	28:53.28	26:39.95	25:33.29	24:26.62	23:19.96	22:13.29 ^d	1000 Free	19:57.65	20:57.54	21:57.42	22:57.30	23:57.18	25:56.95	27:56.71
59:34.72	55:19.38	51:04.04	48:56.37	46:48.71	44:41.04	42:33.37 ^d	1650 Free	41:27.94 ^b	43:32.34	45:36.74	47:41.14	49:45.53	53:54.33	58:03.12
1:24.03	1:18.03	1:12.03	1:09.03	1:06.03	1:03.02	1:00.02	50 Back	45.47	47.74	50.01	52.29	54.56	59.11	1:03.65
3:10.97	2:57.33	2:43.69	2:36.87	2:30.05	2:23.23	2:16.41	100 Back	1:42.70	1:47.83	1:52.97	1:58.10	2:03.24	2:13.51	2:23.78
7:14.51	6:43.47	6:12.44	5:56.92	5:41.40	5:25.88	5:10.36	200 Back	4:01.68	4:13.76	4:25.84	4:37.93	4:50.01	5:14.18	5:38.35
1:35.91	1:29.06	1:22.21	1:18.78	1:15.36	1:11.93	1:08.51	50 Breast	47.33	49.70	52.06	54.43	56.80	1:01.53	1:06.26
3:55.17	3:38.37	3:21.58	3:13.18	3:04.78	2:56.38	2:47.98	100 Breast	1:54.52	2:00.24	2:05.97	2:11.69	2:17.42	2:28.87	2:40.32
8:10.24	7:35.22	7:00.20	6:42.69	6:25.19	6:07.68	5:50.17 ^d	200 Breast	4:31.74	4:45.32	4:58.91	5:12.50	5:26.08	5:53.26	6:20.43
1:55.51	1:47.26	1:39.01	1:34.88	1:30.76	1:26.63	1:22.51	50 Fly	51.95	54.55	57.15	59.75	1:02.34	1:07.54	1:12.73
4:31.73	4:12.32	3:52.91	3:43.21	3:33.50	3:23.80	3:14.09 ^c	100 Fly	2:12.43 ^c	2:19.05	2:25.67	2:32.29	2:38.92	2:52.16	3:05.40
NT	NT	NT	NT	NT	NT	NT	200 Fly	NT	NT	NT	NT	NT	NT	NT
3:22.25	3:07.81	2:53.36	2:46.14	2:38.91	2:31.69	2:24.47	100 IM	1:42.99	1:48.14	1:53.29	1:58.44	2:03.59	2:13.89	2:24.19
7:39.53	7:06.71	6:33.89	6:17.47	6:01.06	5:44.65	5:28.24 ^c	200 IM	4:52.87	5:07.51	5:22.15	5:36.80	5:51.44	6:20.73	6:50.01
NT	NT	NT	NT	NT	NT	NT	400 IM	10:24.24 ^c	10:55.46	11:26.67	11:57.88	12:29.09	13:31.52	14:33.94

80-84 Men

85-89 Women

B	BB	A	AA	AAA	AAAA	X		X	AAAA	AAA	AA	A	BB	B
1:36.92	1:29.99	1:23.07	1:19.61	1:16.15	1:12.69	1:09.23	50 Free	47.83	50.22	52.61	55.00	57.39	1:02.17	1:06.96
3:37.93	3:22.37	3:06.80	2:59.02	2:51.23	2:43.45	2:35.67	100 Free	1:51.79	1:57.38	2:02.97	2:08.56	2:14.15	2:25.33	2:36.51
10:21.09	9:36.72	8:52.36	8:30.18	8:08.00	7:45.82	7:23.63	200 Free	4:48.12	5:02.53	5:16.93	5:31.34	5:45.74	6:14.56	6:43.37
20:21.25	18:54.02	17:26.78	16:43.17	15:59.55	15:15.94	14:32.32 ^c	500 Free	16:32.17	17:21.77	18:11.38	19:00.99	19:50.60	21:29.82	23:09.03
NT	NT	NT	NT	NT	NT	NT	1000 Free	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	1650 Free	NT	NT	NT	NT	NT	NT	NT
1:50.59	1:42.69	1:34.79	1:30.84	1:26.89	1:22.94	1:18.99	50 Back	1:13.45	1:17.13	1:20.80	1:24.47	1:28.14	1:35.49	1:42.83
3:42.75	3:26.84	3:10.93	3:02.97	2:55.02	2:47.06	2:39.11 ^c	100 Back	2:38.86	2:46.80	2:54.75	3:02.69	3:10.63	3:26.52	3:42.40
NT	NT	NT	NT	NT	NT	NT	200 Back	7:22.32 ^b	7:44.43	8:06.55	8:28.66	8:50.78	9:35.01	10:19.24
2:21.93	2:11.79	2:01.65	1:56.59	1:51.52	1:46.45	1:41.38 ^c	50 Breast	1:09.33	1:12.80	1:16.26	1:19.73	1:23.20	1:30.13	1:37.06
4:23.56	4:04.74	3:45.91	3:36.50	3:27.09	3:17.67	3:08.26 ^c	100 Breast	3:04.26	3:13.48	3:22.69	3:31.90	3:41.12	3:59.54	4:17.97
NT	NT	NT	NT	NT	NT	NT	200 Breast	6:21.87 ^c	6:40.97	7:00.06	7:19.16	7:38.25	8:16.44	8:54.62
NT	NT	NT	NT	NT	NT	NT	50 Fly	1:20.51 ^c	1:24.54	1:28.56	1:32.59	1:36.61	1:44.66	1:52.71
NT	NT	NT	NT	NT	NT	NT	100 Fly	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	200 Fly	NT	NT	NT	NT	NT	NT	NT
5:24.11	5:00.96	4:37.81	4:26.24	4:14.66	4:03.08	3:51.51 ^d	100 IM	2:13.53 ^c	2:20.20	2:26.88	2:33.56	2:40.23	2:53.58	3:06.94
NT	NT	NT	NT	NT	NT	NT	200 IM	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	400 IM	NT	NT	NT	NT	NT	NT	NT

85-89 Men

Motivational times (MTs) are calculated from the base time given in Column X. The algorithm for calculating the base time is similar, but not identical to, the method USMS uses to calculate national qualifying times (NQTs) for the annual SCY national championships.

Most of the time, Column X is

(A) the average of the previous three year's 10th place times.

However, if there are fewer than three 10th place times over the previous three years, we use, in order,

(B) average of two 10th place times over the previous three years. If there are fewer than two 10th place times,

(C) average of three 5th place times + 4.45%. If there are fewer than three,

(D) average of two 5th place times + 4.45%. If there are fewer than two,

(E) No Time (NT).

If one of the alternatives B-D is used, it's indicated by a superscript.

The rest of the columns are proportional to Column X as follows,

AAAA	= X + 5%	A	= X + 20%
AAA	= X + 10%	BB	= X + 30%
AA	= X + 15%	B	= X + 40%

For MTs, the same algorithm is used for all three courses, SCY, LCM, and SCM.

Relationship to NQTs. For SCY, as long as Column X is calculated using method A, B, or E, Columns AA and AAA should be, but are not guaranteed to be, exactly the NQTs for sprints and 200+ events respectively. However, there will be some small differences for methods C and D. For LCM, the MTs should be different from the NQTs in all cases. USMS does not publish NQTs for SCM or for age groups 85+.

Column X. I like to think of Column X as “the moral equivalent of a Top Ten time”. Of course, in any given year, the 10th place time will be faster or slower by some amount than the average of the three previous years, so of course, Column X is not an actual Top Ten time. Too bad, huh? You can also think of it as “the time I need to hit to have about a 50/50 chance.”