

2017 Western Zone Time Standards: Team Colorado ONLY

Women				10 & Under	Men			
2017 WZ Qual			CO Qual*		2017 WZ Qual			CO Qual*
LCM	SCM	SCY	LCM Only	Event	LCM	SCM	SCY	LCM Only
0:32.99	0:32.19	0:28.99	0:31.98	50 FR	0:32.89	0:32.09	0:28.89	0:31.90
1:12.29	1:10.69	1:03.69	1:10.37	100 FR	1:11.79	1:10.19	1:03.29	1:10.49
2:37.89	2:34.69	2:19.29	2:33.45	200 FR	2:36.39	2:33.19	2:17.99	2:32.63
0:38.89	0:38.29	0:34.49	0:37.35	50 BK	38:99	0:38.39	0:34.59	0:36.85
1:23.89	1:22.69	1:14.49	1:19.79	100 BK	1:24.09	1:22.89	1:14.69	1:20.10
0:44.19	0:43.19	0:38.99	0:42.86	50 BR	0:44.39	0:43.39	0:39.09	0:41.73
1:35.79	1:33.79	1:24.49	1:31.62	100 BR	1:36.59	1:34.59	1:25.19	1:30.95
0:36.19	35.49	0:31.99	0:35.00	50 FLY	36.39	0:35.69	0:32.09	0:33.86
1:22.79	1:21.39	1:13.39	1:18.98	100 FLY	1:22.89	1:21.49	1:13.49	1:17.80
2:57.49	2:54.29	2:36.99	2:54.47	200 IM	2:57.09	2:53.89	2:36.59	2:51.70

Women				11-12	Men			
2017 WZ Qual			CO Qual*		2017 WZ Qual			CO Qual*
LCM	SCM	SCY	LCM Only	Event	LCM	SCM	SCY	LCM Only
0:29.49	0:28.69	0:25.79	0:29.17	50 FR	0:29.39	0:28.59	0:25.79	0:28.01
1:04.79	1:03.19	0:56.89	1:03.51	100 FR	1:03.99	1:02.39	0:56.19	1:02.31
2:20.09	2:16.89	2:03.39	2:19.27	200 FR	2:19.19	2:15.99	2:02.49	2:17.63
4:54.89	4:48.49	5:30.39	4:50.65	400/500 FR	4:55.69	4:49.29	5:31.29	4:46.40
0:34.49	0:33.89	0:30.49	0:33.53	50 BK	0:34.49	0:33.89	0:30.59	0:33.06
1:13.99	1:12.79	1:05.59	1:13.71	100 BK	1:13.99	1:12.79	1:05.59	1:11.61
2:42.40	2:38.27	2:22.83	2:36.35	200 BK	2:41.89	2:39.49	2:23.69	2:33.78
0:38.39	0:37.39	0:33.69	0:37.60	50 BR	0:37.99	0:36.99	0:33.29	0:36.63
1:23.89	1:21.89	1:13.79	1:21.45	100 BR	1:23.79	1:21.79	1:13.69	1:18.29
3:05.99	3:01.99	2:43.99	2:55.21	200 BR	3:02.59	2:58.59	2:40.89	2:50.35
0:32.29	0:31.59	0:28.49	0:31.24	50 FLY	0:32.09	0:31.39	0:28.29	0:29.90
1:12.09	1:10.69	1:03.69	1:10.79	100 FLY	1:11.79	1:10.39	1:03.49	1:08.14
2:47.59	2:44.79	2:28.39	2:39.96	200 FLY	2:45.69	2:42.89	2:26.79	2:32.56
2:38.69	2:35.49	2:20.09	2:37.70	200 IM	2:37.39	2:34.19	2:18.99	2:35.40
5:49.19	5:42.79	5:08.89	5:34.64	400 IM	5:44.09	5:37.69	5:04.19	5:27.33

Women				13-14	Men			
2017 WZ Qual			CO Qual*		2017 WZ Qual			CO Qual*
LCM	SCM	SCY	LCM Only	Event	LCM	SCM	SCY	LCM Only
0:28.79	0:27.99	0:25.19	0:28.18	50 FR	0:26.99	0:26.19	0:23.59	0:26.21
1:02.29	1:00.69	0:54.69	1:00.92	100 FR	0:58.59	0:56.99	0:51.39	0:57.12
2:15.09	2:11.89	1:58.79	2:13.52	200 FR	2:07.39	2:04.19	1:51.89	2:07.11
4:40.19	4:33.79	5:13.99	4:39.09	400/500 FR	4:31.89	4:25.49	5:04.69	4:27.27
9:50.69	9:37.89	11:01.79	9:44.59	800/1000 FR	9:28.69	9:15.89	10:37.19	9:21.24
18:52.49	18:28.49	18:30.29	18:42.94	1500/1650 FR	18:12.09	17:48.09	17:50.69	17:56.04
1:10.76	1:09.59	1:02.69	1:10.09	100 BK	1:07.39	1:06.19	0:59.69	1:04.18
2:31.89	2:29.49	2:14.69	2:30.34	200 BK	2:24.99	2:22.59	2:08.49	2:21.07
1:20.89	1:18.89	1:11.09	1:18.23	100 BR	1:15.29	1:13.29	1:05.99	1:11.83
2:53.89	2:49.89	2:32.99	2:51.50	200 BR	2:44.29	2:40.29	2:24.39	2:38.31
1:08.89	1:07.49	1:00.79	1:07.30	100 FLY	1:04.49	1:03.09	0:56.89	1:02.65
2:34.59	2:31.79	2:16.79	2:32.64	200 FLY	2:25.89	2:23.09	2:08.89	2:19.71
2:32.99	2:29.79	2:14.99	2:31.25	200 IM	2:24.09	2:20.89	2:06.89	2:20.76
5:24.69	5:18.29	4:46.79	5:20.67	400 IM	5:06.99	5:00.59	4:30.79	5:01.42

All Colorado Qual are sea-level times. See conversion chart for altitude conversion.

Altitude Conversion Table

Altitude	3,000-4250 ft	4251-6500 ft	Above 6500 ft
Event			
50 FR	n/c	n/c	n/c
100 FR	n/c	n/c	n/c
200 FR	.5	1.2	1.6
400/500 FR	2.5	5.0	7.0
800/1000 FR	5.0	10.0	15.0
1500/1650 FR	11.0	23.0	32.5
100 BK	n/c	n/c	n/c
200 BK	.5	1.2	1.6
100 BR	n/c	n/c	n/c
200 BR	.5	1.2	1.6
100 FLY	n/c	n/c	n/c
200 FLY	.5	1.2	1.6
200 IM	.5	1.2	1.6
400 IM	2.5	5.0	7.0

*Conversion: sea level + seconds listed.