

10/10/2000

QUADRENIUM 2004 NATIONAL AGE GROUP MOTIVATIONAL TIMES
LONG COURSE-METERS

Event			Track I				Track II			Track III		Track IV		
			98%	96.5%	94%	90%	85%	80%	75%	65%	55%	45%	30%	15%
10&U	BOYS	50 M FREE	32.29	32.89	33.59	34.49	35.39	36.09	36.89	38.29	39.79	41.69	45.29	51.89
10&U	BOYS	100 M FREE	1:11.09	1:12.29	1:13.89	1:15.89	1:17.79	1:19.49	1:21.09	1:24.49	1:27.69	1:31.59	1:38.89	1:50.49
10&U	BOYS	200 M FREE	2:30.39	2:33.29	2:35.49	2:38.59	2:42.69	2:45.49	2:47.79	2:52.59	2:57.89	3:04.19	3:14.09	3:30.69
10&U	BOYS	400 M FREE	4:57.69	5:02.79	5:07.79	5:14.99	5:25.29	5:29.39	5:35.19	5:44.29	5:56.29	6:03.69	6:22.79	6:51.59
10&U	BOYS	50 M BACK	38.19	39.09	40.19	41.39	42.49	43.59	44.49	46.49	48.49	50.79	55.19	1:02.49
10&U	BOYS	100 M BACK	1:20.69	1:22.69	1:24.79	1:27.09	1:28.89	1:30.89	1:32.39	1:35.49	1:38.79	1:42.29	1:48.89	2:00.49
10&U	BOYS	50 M BREAST	43.09	44.09	44.99	46.29	47.59	48.69	49.79	51.79	53.79	55.89	1:00.09	1:06.69
10&U	BOYS	100 M BREAST	1:33.09	1:34.59	1:36.19	1:38.59	1:40.89	1:42.99	1:44.79	1:48.19	1:51.59	1:55.09	2:01.39	2:11.89
10&U	BOYS	50 M FLY	35.29	36.09	36.89	37.99	39.29	40.49	41.59	43.89	46.29	49.09	54.39	1:02.09
10&U	BOYS	100 M FLY	1:17.49	1:18.79	1:20.99	1:22.89	1:25.79	1:27.89	1:30.19	1:33.79	1:37.39	1:40.99	1:47.99	1:58.59
10&U	BOYS	200 M IM	2:50.49	2:53.99	2:57.09	3:00.49	3:04.49	3:07.59	3:10.49	3:15.69	3:20.69	3:26.49	3:36.39	3:52.29
11-12	BOYS	50 M FREE	28.79	29.29	29.89	30.49	30.99	31.49	31.99	32.79	33.69	34.59	36.19	38.99
11-12	BOYS	100 M FREE	1:02.89	1:03.89	1:05.19	1:06.69	1:07.99	1:09.09	1:10.19	1:12.29	1:14.39	1:16.39	1:20.49	1:27.29
11-12	BOYS	200 M FREE	2:15.69	2:17.99	2:20.19	2:22.89	2:25.79	2:27.99	2:30.19	2:34.19	2:38.09	2:42.59	2:50.69	3:03.89
11-12	BOYS	400 M FREE	4:41.89	4:47.29	4:50.69	4:55.39	5:00.79	5:04.89	5:08.89	5:16.19	5:22.69	5:30.39	5:44.59	6:04.79
11-12	BOYS	800 M FREE	9:13.29	9:27.99	9:44.69	9:56.19	10:02.49	10:12.99	10:17.29	10:29.89	10:49.79	11:01.69	11:21.69	11:59.19
11-12	BOYS	1500 M FREE	17:56.69	17:58.99	18:06.09	18:22.89	18:57.39	19:01.19	19:07.99	19:35.49	20:01.49	20:19.09	20:48.79	21:59.29
11-12	BOYS	50 M BACK	33.79	34.29	35.09	36.09	36.89	37.69	38.29	39.49	40.69	41.99	44.29	47.99
11-12	BOYS	100 M BACK	1:12.19	1:13.69	1:15.29	1:16.99	1:18.79	1:20.19	1:21.49	1:23.99	1:26.39	1:28.89	1:33.59	1:40.99
11-12	BOYS	200 M BACK	2:28.29	2:31.89	2:33.49	2:35.69	2:37.89	2:39.69	2:41.39	2:45.49	2:48.29	2:50.69	2:58.59	3:06.69
11-12	BOYS	50 M BREAST	37.19	37.89	38.79	39.89	40.99	41.89	42.79	44.19	45.59	47.09	49.79	53.69
11-12	BOYS	100 M BREAST	1:20.79	1:22.49	1:24.79	1:26.59	1:28.99	1:30.79	1:32.49	1:35.39	1:38.29	1:40.89	1:46.29	1:53.89
11-12	BOYS	200 M BREAST	2:51.89	2:53.59	2:55.59	2:57.59	3:00.99	3:02.49	3:04.79	3:09.39	3:13.19	3:16.49	3:23.59	3:34.99
11-12	BOYS	50 M FLY	31.19	31.89	32.59	33.29	34.09	34.79	35.49	36.59	37.79	39.29	42.19	47.09
11-12	BOYS	100 M FLY	1:08.89	1:10.29	1:11.69	1:13.39	1:15.39	1:16.79	1:18.09	1:20.89	1:23.59	1:26.69	1:32.19	1:41.09
11-12	BOYS	200 M FLY	2:27.49	2:29.29	2:31.59	2:34.19	2:37.79	2:40.79	2:41.69	2:43.39	2:46.39	2:49.69	2:55.09	3:06.19
11-12	BOYS	200 M IM	2:33.49	2:35.49	2:38.69	2:42.49	2:45.89	2:48.19	2:50.59	2:54.79	2:59.19	3:03.59	3:11.89	3:24.89
11-12	BOYS	400 M IM	5:11.09	5:16.79	5:20.39	5:25.29	5:29.99	5:34.19	5:41.09	5:46.89	5:56.49	6:04.59	6:17.59	6:35.39
13-14	BOYS	50 M FREE	26.49	26.89	27.19	27.59	27.99	28.39	28.69	29.29	29.89	30.59	31.69	33.39
13-14	BOYS	100 M FREE	57.89	58.59	59.39	1:00.29	1:01.29	1:02.09	1:02.79	1:04.29	1:05.69	1:07.29	1:09.89	1:13.99
13-14	BOYS	200 M FREE	2:05.49	2:07.29	2:09.09	2:11.09	2:13.09	2:14.89	2:16.59	2:19.49	2:22.69	2:26.09	2:32.39	2:42.29
13-14	BOYS	400 M FREE	4:23.49	4:26.29	4:29.79	4:33.39	4:36.99	4:40.69	4:43.89	4:49.69	4:55.09	5:01.19	5:12.19	5:28.39
13-14	BOYS	800 M FREE	8:58.49	9:05.29	9:12.69	9:19.59	9:26.19	9:30.99	9:38.19	9:48.89	9:57.89	10:08.39	10:27.19	11:04.49
13-14	BOYS	1500 M FREE	17:12.59	17:19.59	17:32.59	17:47.89	18:01.69	18:12.29	18:25.89	18:43.39	19:03.99	19:20.39	19:56.09	20:55.79
13-14	BOYS	100 M BACK	1:05.59	1:06.59	1:07.69	1:09.09	1:10.69	1:12.09	1:13.19	1:15.19	1:17.09	1:19.19	1:22.89	1:28.79
13-14	BOYS	200 M BACK	2:18.89	2:20.89	2:23.29	2:26.09	2:28.89	2:31.19	2:33.19	2:36.89	2:40.29	2:43.69	2:50.09	2:59.99
13-14	BOYS	100 M BREAST	1:13.59	1:14.69	1:15.89	1:17.49	1:19.09	1:20.39	1:21.69	1:23.79	1:25.99	1:28.29	1:32.29	1:38.69
13-14	BOYS	200 M BREAST	2:38.49	2:40.39	2:42.79	2:46.29	2:49.39	2:51.99	2:54.29	2:57.89	3:01.59	3:05.99	3:13.29	3:23.39
13-14	BOYS	100 M FLY	1:02.99	1:03.69	1:04.79	1:06.09	1:07.29	1:08.29	1:09.39	1:11.59	1:13.79	1:16.09	1:20.29	1:27.49
13-14	BOYS	200 M FLY	2:17.99	2:19.49	2:21.39	2:24.09	2:26.49	2:28.69	2:30.39	2:33.89	2:37.79	2:41.69	2:48.49	3:00.59
13-14	BOYS	200 M IM	2:21.39	2:23.29	2:25.59	2:28.09	2:30.39	2:32.29	2:34.39	2:38.09	2:41.59	2:45.19	2:51.39	3:01.49
13-14	BOYS	400 M IM	4:55.49	4:58.59	5:03.19	5:06.99	5:11.79	5:15.29	5:18.49	5:24.69	5:30.49	5:36.89	5:48.39	6:03.89
15-16	BOYS	50 M FREE	25.29	25.49	25.79	26.19	26.49	26.79	26.99	27.49	27.89	28.39	29.19	30.39
15-16	BOYS	100 M FREE	55.29	55.89	56.59	57.29	58.09	58.69	59.29	1:00.19	1:01.39	1:02.49	1:04.59	1:07.69
15-16	BOYS	200 M FREE	1:58.99	2:00.59	2:02.29	2:04.19	2:05.99	2:07.39	2:08.89	2:11.39	2:13.69	2:16.19	2:20.99	2:28.29
15-16	BOYS	400 M FREE	4:08.39	4:12.79	4:16.09	4:19.79	4:23.49	4:26.49	4:28.99	4:33.99	4:38.89	4:43.69	4:52.79	5:08.19
15-16	BOYS	800 M FREE	8:25.69	8:34.69	8:42.59	8:49.79	8:59.09	9:04.19	9:10.79	9:19.99	9:29.39	9:39.39	9:55.29	10:21.59
15-16	BOYS	1500 M FREE	16:14.19	16:29.49	16:37.89	16:52.59	17:10.49	17:23.79	17:35.79	17:51.69	18:08.09	18:28.19	19:02.59	20:00.69
15-16	BOYS	100 M BACK	1:01.29	1:02.09	1:03.29	1:04.79	1:05.99	1:06.99	1:07.99	1:09.49	1:11.09	1:12.79	1:15.79	1:20.39
15-16	BOYS	200 M BACK	2:11.29	2:13.09	2:15.09	2:18.09	2:20.49	2:22.99	2:24.79	2:27.49	2:30.49	2:33.29	2:38.39	2:46.09
15-16	BOYS	100 M BREAST	1:08.99	1:09.89	1:11.09	1:12.39	1:13.59	1:14.79	1:15.99	1:17.79	1:19.59	1:21.59	1:25.39	1:30.69
15-16	BOYS	200 M BREAST	2:29.09	2:30.89	2:33.19	2:36.19	2:38.89	2:41.29	2:43.29	2:46.99	2:50.39	2:53.99	3:01.09	3:11.99
15-16	BOYS	100 M FLY	59.29	59.99	1:00.79	1:01.79	1:02.89	1:03.69	1:04.39	1:05.89	1:07.29	1:08.99	1:11.99	1:17.19
15-16	BOYS	200 M FLY	2:09.89	2:11.09	2:12.89	2:15.79	2:18.09	2:19.79	2:21.19	2:24.09	2:27.09	2:30.69	2:37.09	2:46.89
15-16	BOYS	200 M IM	2:14.19	2:15.99	2:18.09	2:20.29	2:22.39	2:23.89	2:25.39	2:27.89	2:30.69	2:33.89	2:38.79	2:46.79
15-16	BOYS	400 M IM	4:40.69	4:44.69	4:48.69	4:52.99	4:56.59	4:59.89	5:02.99	5:08.49	5:12.89	5:17.49	5:25.89	5:39.49
17-18	BOYS	50 M FREE	24.49	24.69	24.99	25.19	25.49	25.69	25.89	26.29	26.59	26.99	27.59	28.59
17-18	BOYS	100 M FREE	53.09	53.69	54.49	55.09	55.79	56.29	56.79	57.59	58.39	59.29	1:00.79	1:03.09
17-18	BOYS	200 M FREE	1:56.29	1:57.79	1:58.99	2:00.29	2:01.49	2:02.69	2:03.79	2:05.69	2:07.89	2:09.99	2:13.59	2:19.39
17-18	BOYS	400 M FREE	4:02.89	4:05.89	4:09.29	4:12.49	4:16.19	4:18.79	4:20.89	4:25.19	4:28.89	4:32.99	4:40.69	4:53.29
17-18	BOYS	800 M FREE	8:17.49	8:25.29	8:32.29	8:39.59	8:46.39	8:52.59	8:56.19	9:04.99	9:11.89	9:20.59	9:37.59	10:00.39
17-18	BOYS	1500 M FREE	15:43.49	16:00.79	16:19.89	16:28.89	16:45.09	16:56.79	17:05.99	17:25.79	17:43.29	18:04.59	18:36.19	19:35.09
17-18	BOYS	100 M BACK	59.89	1:00.39	1:01.19	1:02.09	1:02.99	1:03.49	1:04.19	1:05.59	1:07.09	1:08.69	1:11.59	1:15.49
17-18	BOYS	200 M BACK	2:06.89	2:08.79	2:10.59	2:12.29	2:14.19	2:15.99	2:17.79	2:20.59	2:23.29	2:25.99	2:30.49	2:38.99
17-18	BOYS	100 M BREAST	1:05.89	1:06.89	1:07.89	1:08.99	1:10.19	1:11.19	1:11.99	1:13.39	1:15.09	1:16.69	1:19.79	1:23.79
17-18	BOYS	200 M BREAST	2:23.29	2:25.19	2:26.89	2:29.99	2:32.89	2:34.69	2:36.39	2:39.49	2:42.89	2:46.29	2:51.59	2:59.99
17-18	BOYS	100 M FLY	57.49	57.99	58.49	59.39	1:00.19	1:00.79	1:01.49	1:02.59	1:03.69	1:04.89	1:07.29	1:10.89
17-18	BOYS	200 M FLY	2:04.39	2:05.89	2:07.59	2:09.59	2:11.49	2:13.19	2:14.69	2:17.49	2:19.99	2:23.59	2:27.89	2:35.29
17-18	BOYS	200 M IM	2:09.49	2:10.89	2:12.59	2:15.09	2:17.09	2:18.59	2:19.79	2:22.29	2:24.49	2:27.09	2:31.39	2:37.89
17-18	BOYS	400 M IM	4:30.19	4:34.29	4:38.29	4:42.39	4:45.39	4:48.99	4:51.89	4:56.99	5:01.29	5:06.59</		

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QUADRENIUM 2004 NATIONAL AGE GROUP MOTIVATIONAL TIMES
LONG COURSE-METERS

Event				Track I				Track II			Track III		Track IV		
				98%	96.5%	94%	90%	85%	80%	75%	65%	55%	45%	30%	15%
10&U	GIRLS	50 M	FREE	32.89	33.49	34.29	35.29	36.19	36.89	37.69	39.19	40.89	42.69	46.39	52.89
10&U	GIRLS	100 M	FREE	1:12.19	1:13.59	1:15.29	1:17.39	1:19.49	1:21.29	1:22.99	1:26.59	1:30.39	1:34.19	1:41.49	1:53.09
10&U	GIRLS	200 M	FREE	2:32.29	2:35.29	2:38.49	2:41.89	2:45.59	2:48.69	2:51.59	2:56.89	3:02.09	3:07.99	3:19.19	3:36.79
10&U	GIRLS	400 M	FREE	5:10.59	5:13.49	5:17.49	5:24.99	5:30.39	5:35.69	5:40.09	5:51.39	6:03.59	6:13.39	6:33.69	6:58.89
10&U	GIRLS	50 M	BACK	38.99	39.89	40.99	42.09	43.29	44.39	45.39	47.19	49.19	51.49	55.79	1:02.59
10&U	GIRLS	100 M	BACK	1:22.59	1:24.39	1:26.29	1:28.39	1:30.59	1:32.29	1:34.09	1:37.59	1:40.89	1:44.49	1:51.49	2:03.99
10&U	GIRLS	50 M	BREAST	43.39	44.29	45.49	46.99	48.29	49.49	50.59	52.59	54.59	56.79	1:01.09	1:07.79
10&U	GIRLS	100 M	BREAST	1:32.39	1:34.59	1:36.89	1:39.49	1:41.89	1:44.29	1:46.19	1:49.79	1:53.19	1:56.49	2:02.99	2:13.49
10&U	GIRLS	50 M	FLY	35.89	36.79	37.79	39.09	40.49	41.69	42.79	44.99	47.49	50.19	55.19	1:02.89
10&U	GIRLS	100 M	FLY	1:19.69	1:21.59	1:23.79	1:26.29	1:28.39	1:30.29	1:32.49	1:36.59	1:40.29	1:44.29	1:51.69	2:02.29
10&U	GIRLS	200 M	IM	2:53.19	2:56.49	2:59.69	3:03.69	3:07.49	3:10.89	3:14.09	3:19.49	3:25.69	3:31.39	3:42.49	3:59.99
11-12	GIRLS	50 M	FREE	29.79	30.19	30.69	31.29	31.89	32.29	32.69	33.49	34.29	35.09	36.59	39.19
11-12	GIRLS	100 M	FREE	1:04.89	1:05.89	1:06.99	1:08.19	1:09.49	1:10.49	1:11.49	1:13.39	1:15.19	1:17.29	1:21.19	1:27.89
11-12	GIRLS	200 M	FREE	2:19.69	2:21.19	2:23.19	2:26.09	2:28.59	2:30.79	2:32.79	2:36.39	2:40.09	2:44.39	2:52.39	3:04.59
11-12	GIRLS	400 M	FREE	4:50.39	4:52.69	4:56.89	5:01.69	5:06.09	5:10.49	5:13.99	5:20.29	5:27.19	5:34.09	5:47.99	6:07.19
11-12	GIRLS	800 M	FREE	9:42.79	9:46.59	9:53.09	10:00.09	10:05.79	10:15.69	10:25.99	10:35.29	10:48.09	11:02.49	11:21.59	11:58.99
11-12	GIRLS	1500 M	FREE	18:25.09	18:45.89	18:56.69	19:07.19	19:16.69	19:32.59	19:47.69	20:14.59	20:37.29	21:06.89	22:03.99	23:45.79
11-12	GIRLS	50 M	BACK	34.89	35.39	36.09	36.89	37.79	38.49	39.09	40.19	41.29	42.39	44.69	48.09
11-12	GIRLS	100 M	BACK	1:14.59	1:15.79	1:17.09	1:18.89	1:20.49	1:21.79	1:23.09	1:25.39	1:27.69	1:30.09	1:34.69	1:41.99
11-12	GIRLS	200 M	BACK	2:33.79	2:36.09	2:37.29	2:40.19	2:41.89	2:43.59	2:45.09	2:47.79	2:51.39	2:54.89	3:01.19	3:08.99
11-12	GIRLS	50 M	BREAST	38.29	38.99	39.79	40.79	41.79	42.59	43.29	44.69	45.99	47.39	49.69	53.39
11-12	GIRLS	100 M	BREAST	1:22.99	1:24.49	1:26.49	1:28.49	1:30.39	1:32.09	1:33.59	1:36.39	1:38.89	1:41.59	1:46.29	1:53.79
11-12	GIRLS	200 M	BREAST	2:51.09	2:53.49	2:55.19	2:57.89	3:00.79	3:03.39	3:05.49	3:09.09	3:12.69	3:16.39	3:23.19	3:33.09
11-12	GIRLS	50 M	FLY	32.29	32.79	33.39	34.09	34.89	35.59	36.19	37.29	38.49	39.89	42.69	47.19
11-12	GIRLS	100 M	FLY	1:11.29	1:12.39	1:13.69	1:15.39	1:17.09	1:18.69	1:20.09	1:22.79	1:25.49	1:28.39	1:33.99	1:42.29
11-12	GIRLS	200 M	FLY	2:29.29	2:32.39	2:33.49	2:35.49	2:38.59	2:40.09	2:42.19	2:45.19	2:48.49	2:53.89	3:01.79	3:10.49
11-12	GIRLS	200 M	IM	2:38.49	2:40.09	2:42.39	2:45.19	2:48.39	2:50.79	2:53.19	2:57.19	3:01.09	3:05.29	3:13.39	3:25.89
11-12	GIRLS	400 M	IM	5:24.49	5:26.39	5:29.39	5:35.09	5:38.69	5:41.69	5:44.79	5:50.99	5:54.69	5:59.59	6:08.39	6:23.29
13-14	GIRLS	50 M	FREE	28.39	28.79	29.29	29.69	30.09	30.49	30.79	31.39	31.99	32.59	33.69	35.39
13-14	GIRLS	100 M	FREE	1:01.89	1:02.59	1:03.49	1:04.49	1:05.59	1:06.49	1:07.29	1:08.69	1:09.99	1:11.49	1:14.09	1:18.49
13-14	GIRLS	200 M	FREE	2:12.89	2:14.49	2:16.49	2:18.59	2:20.69	2:22.59	2:24.39	2:27.59	2:30.79	2:34.09	2:39.99	2:49.79
13-14	GIRLS	400 M	FREE	4:33.29	4:37.29	4:41.29	4:45.79	4:49.79	4:53.49	4:56.69	5:02.39	5:08.29	5:14.29	5:25.39	5:41.99
13-14	GIRLS	800 M	FREE	9:13.89	9:19.29	9:30.39	9:40.09	9:47.59	9:53.39	9:59.99	10:09.89	10:19.89	10:29.49	10:48.39	11:21.69
13-14	GIRLS	1500 M	FREE	17:38.39	17:53.19	18:10.69	18:29.59	18:45.89	18:57.59	19:07.89	19:29.09	19:51.39	20:10.19	20:43.89	21:53.69
13-14	GIRLS	100 M	BACK	1:10.29	1:11.39	1:12.59	1:14.09	1:15.79	1:17.09	1:18.09	1:20.09	1:22.09	1:23.99	1:27.39	1:32.69
13-14	GIRLS	200 M	BACK	2:28.59	2:30.89	2:33.59	2:36.69	2:39.39	2:41.59	2:43.59	2:46.99	2:50.39	2:53.69	2:59.89	3:08.89
13-14	GIRLS	100 M	BREAST	1:18.99	1:20.39	1:21.69	1:23.39	1:24.99	1:26.39	1:27.59	1:29.89	1:32.09	1:34.49	1:38.49	1:44.19
13-14	GIRLS	200 M	BREAST	2:48.69	2:51.29	2:54.19	2:57.29	3:00.29	3:02.59	3:04.99	3:08.99	3:12.79	3:16.69	3:24.09	3:35.39
13-14	GIRLS	100 M	FLY	1:07.79	1:08.69	1:09.79	1:10.99	1:12.19	1:13.19	1:14.19	1:16.29	1:18.29	1:20.59	1:25.19	1:32.09
13-14	GIRLS	200 M	FLY	2:26.19	2:27.79	2:29.99	2:32.69	2:34.89	2:37.19	2:38.99	2:42.69	2:46.39	2:50.39	2:57.79	3:08.79
13-14	GIRLS	200 M	IM	2:31.19	2:33.09	2:35.29	2:37.79	2:40.29	2:42.29	2:44.09	2:47.69	2:51.09	2:54.59	3:00.99	3:11.09
13-14	GIRLS	400 M	IM	5:12.89	5:16.39	5:19.19	5:23.79	5:28.29	5:32.09	5:35.59	5:41.39	5:46.79	5:52.19	6:02.09	6:17.39
15-16	GIRLS	50 M	FREE	27.89	28.19	28.49	28.89	29.29	29.69	29.99	30.49	30.99	31.59	32.49	33.89
15-16	GIRLS	100 M	FREE	1:00.19	1:00.99	1:01.69	1:02.69	1:03.49	1:04.29	1:04.89	1:06.19	1:07.49	1:08.79	1:10.89	1:14.29
15-16	GIRLS	200 M	FREE	2:08.99	2:10.39	2:11.69	2:13.99	2:15.79	2:17.59	2:18.99	2:21.59	2:24.29	2:27.29	2:32.69	2:40.49
15-16	GIRLS	400 M	FREE	4:27.59	4:29.89	4:33.09	4:36.99	4:41.29	4:44.39	4:47.29	4:52.69	4:57.19	5:02.59	5:12.69	5:27.99
15-16	GIRLS	800 M	FREE	9:02.89	9:07.99	9:14.69	9:21.09	9:28.59	9:34.79	9:40.99	9:52.59	10:02.49	10:11.49	10:29.69	10:57.29
15-16	GIRLS	1500 M	FREE	17:18.29	17:30.69	17:41.39	17:54.89	18:08.69	18:24.39	18:37.09	18:59.29	19:18.09	19:36.39	20:11.29	21:00.09
15-16	GIRLS	100 M	BACK	1:07.69	1:08.99	1:10.09	1:11.39	1:12.69	1:13.79	1:14.69	1:16.69	1:18.39	1:20.29	1:23.29	1:27.79
15-16	GIRLS	200 M	BACK	2:23.19	2:26.19	2:28.79	2:31.39	2:33.69	2:35.59	2:37.49	2:40.69	2:43.79	2:46.89	2:52.29	3:00.59
15-16	GIRLS	100 M	BREAST	1:15.89	1:16.99	1:18.29	1:19.59	1:20.89	1:22.09	1:23.29	1:25.49	1:27.49	1:29.69	1:33.49	1:39.19
15-16	GIRLS	200 M	BREAST	2:41.89	2:44.19	2:47.09	2:49.89	2:52.39	2:54.59	2:56.59	3:00.29	3:04.19	3:07.79	3:14.59	3:25.09
15-16	GIRLS	100 M	FLY	1:05.29	1:06.19	1:07.09	1:08.29	1:09.19	1:10.09	1:10.89	1:12.49	1:13.99	1:15.79	1:19.09	1:24.89
15-16	GIRLS	200 M	FLY	2:20.09	2:22.09	2:24.89	2:27.19	2:29.89	2:31.89	2:33.49	2:36.59	2:39.59	2:42.99	2:48.39	2:57.89
15-16	GIRLS	200 M	IM	2:26.49	2:28.39	2:30.39	2:32.49	2:34.59	2:36.39	2:38.19	2:41.29	2:44.09	2:47.29	2:52.79	3:00.99
15-16	GIRLS	400 M	IM	5:04.59	5:07.59	5:10.99	5:14.39	5:18.69	5:22.29	5:25.29	5:31.09	5:36.19	5:41.09	5:50.59	6:03.89
17-18	GIRLS	50 M	FREE	27.39	27.59	27.89	28.29	28.49	28.79	29.09	29.49	29.99	30.49	31.39	32.69
17-18	GIRLS	100 M	FREE	59.19	59.59	1:00.29	1:01.09	1:01.89	1:02.59	1:03.19	1:04.19	1:05.19	1:06.39	1:08.39	1:11.69
17-18	GIRLS	200 M	FREE	2:05.79	2:07.29	2:09.09	2:10.99	2:12.59	2:13.79	2:15.09	2:17.19	2:19.69	2:22.29	2:26.99	2:34.39
17-18	GIRLS	400 M	FREE	4:21.09	4:23.89	4:26.99	4:31.19	4:34.29	4:36.99	4:39.29	4:43.59	4:47.79	4:52.59	5:01.89	5:17.19
17-18	GIRLS	800 M	FREE	8:54.09	8:58.99	9:04.19	9:10.79	9:16.59	9:22.99	9:28.39	9:36.39	9:45.19	9:53.19	10:08.59	10:35.59
17-18	GIRLS	1500 M	FREE	17:03.49	17:10.89	17:19.29	17:32.89	17:43.49	17:55.39	18:04.99	18:25.89	18:47.89	19:05.49	19:40.09	20:32.79
17-18	GIRLS	100 M	BACK	1:06.09	1:07.19	1:07.99	1:09.09	1:10.19	1:11.09	1:11.89	1:13.69	1:15.59	1:17.49	1:20.49	1:24.89
17-18	GIRLS	200 M	BACK	2:21.09	2:22.79	2:24.49	2:26.89	2:29.09	2:30.69	2:31.99	2:34.99	2:37.89	2:41.29	2:47.39	2:55.69
17-18	GIRLS	100 M	BREAST	1:12.99	1:14.39	1:15.79	1:17.19	1:18.59	1:19.79	1:20.79	1:22.79	1:24.59	1:26.49	1:29.69	1:34.39
17-18	GIRLS	200 M	BREAST	2:35.49	2:38.19	2:41.49	2:44.59	2:47.79	2:50.29	2:52.29	2:55.69	2:58.99	3:02.49	3:08.79	3:17.49
17-18	GIRLS	100 M	FLY	1:03.79	1:04.49	1:05.29	1:06.39	1:07.19	1:08.09	1:08.89	1:10.09	1:11.39	1:12.99	1:15.59	1:19.39
17-18	GIRLS	200 M	FLY	2:15.79	2:18.19	2:20.49	2:22.49	2:24.49	2:25.79						

10/10/2000

QUADRENIUM 2004 NATIONAL AGE GROUP MOTIVATIONAL TIMES
SHORT COURSE-METERS

Event				Track I				Track II				Track III		Track IV	
				98%	96.5%	94%	90%	85%	80%	75%	65%	55%	45%	30%	15%
10&U	BOYS	50 M	FREE	32.59	33.39	34.29	35.39	36.49	37.39	38.39	39.99	41.89	43.99	48.09	54.79
10&U	BOYS	100 M	FREE	1:10.29	1:12.19	1:14.09	1:16.59	1:18.89	1:20.99	1:22.89	1:26.69	1:30.29	1:34.19	1:41.09	1:52.59
10&U	BOYS	200 M	FREE	2:26.19	2:30.39	2:34.29	2:38.39	2:42.79	2:46.29	2:49.49	2:55.29	3:01.49	3:07.89	3:18.59	3:35.69
10&U	BOYS	400 M	FREE	4:12.59	4:15.29	4:24.19	4:52.59	5:12.59	5:21.99	5:25.89	5:35.79	5:47.59	5:59.29	6:19.89	6:43.79
10&U	BOYS	50 M	BACK	38.09	39.19	40.19	41.39	42.79	43.99	45.09	47.09	49.19	51.39	55.49	1:01.79
10&U	BOYS	100 M	BACK	1:18.19	1:20.29	1:22.69	1:24.99	1:27.29	1:29.09	1:30.79	1:34.29	1:37.89	1:41.39	1:48.19	1:58.09
10&U	BOYS	50 M	BREAST	42.69	43.69	44.99	46.59	47.89	49.19	50.19	52.29	54.29	56.39	1:00.19	1:06.39
10&U	BOYS	100 M	BREAST	1:27.39	1:31.09	1:33.99	1:36.79	1:39.29	1:41.69	1:43.79	1:47.59	1:50.89	1:54.59	2:00.99	2:10.19
10&U	BOYS	50 M	FLY	35.49	36.49	37.49	38.79	40.19	41.39	42.59	44.89	47.19	49.79	54.09	1:01.09
10&U	BOYS	100 M	FLY	1:13.59	1:16.39	1:18.89	1:21.49	1:24.19	1:26.39	1:28.29	1:31.89	1:35.59	1:39.49	1:46.59	1:56.49
10&U	BOYS	100 M	IM	1:20.89	1:23.09	1:25.49	1:27.89	1:30.59	1:32.69	1:34.79	1:38.79	1:42.49	1:46.59	1:54.09	2:05.59
10&U	BOYS	200 M	IM	2:43.89	2:47.89	2:52.19	2:56.89	3:01.69	3:04.79	3:07.89	3:13.29	3:18.99	3:24.99	3:35.29	3:49.79
11-12	BOYS	50 M	FREE	28.19	28.99	29.69	30.39	31.09	31.79	32.29	33.39	34.39	35.49	37.39	40.69
11-12	BOYS	100 M	FREE	1:00.49	1:02.09	1:03.99	1:05.69	1:07.29	1:08.79	1:10.09	1:12.59	1:15.09	1:17.59	1:22.49	1:30.39
11-12	BOYS	200 M	FREE	2:09.79	2:13.49	2:17.19	2:20.29	2:23.39	2:25.99	2:28.29	2:33.19	2:37.39	2:42.79	2:51.79	3:06.09
11-12	BOYS	400 M	FREE	4:29.89	4:36.99	4:45.09	4:51.79	4:57.69	5:01.99	5:06.19	5:13.59	5:21.49	5:29.69	5:45.39	6:08.39
11-12	BOYS	800 M	FREE	11:38.29	11:49.09	12:01.39	12:18.49	12:32.69	12:43.49	12:54.49	13:07.59	13:25.59	13:45.99	14:27.69	15:34.29
11-12	BOYS	1500 M	FREE	17:20.49	17:39.39	18:16.39	18:43.59	19:04.59	19:20.69	19:34.29	19:53.99	20:12.49	20:37.59	21:20.99	22:20.39
11-12	BOYS	50 M	BACK	33.09	33.99	34.69	35.69	36.69	37.49	38.29	39.69	40.99	42.59	45.09	49.29
11-12	BOYS	100 M	BACK	1:08.09	1:10.39	1:12.49	1:14.79	1:16.59	1:18.19	1:19.59	1:22.29	1:24.99	1:27.89	1:32.89	1:41.09
11-12	BOYS	200 M	BACK	2:23.19	2:25.89	2:29.19	2:33.89	2:36.39	2:37.89	2:39.79	2:43.99	2:47.59	2:52.79	2:58.69	3:08.09
11-12	BOYS	50 M	BREAST	36.89	37.59	38.69	39.89	40.99	41.89	42.79	44.49	45.99	47.59	50.09	54.29
11-12	BOYS	100 M	BREAST	1:16.09	1:19.19	1:21.59	1:24.09	1:26.69	1:28.39	1:30.09	1:33.29	1:36.59	1:39.89	1:45.59	1:53.69
11-12	BOYS	200 M	BREAST	2:45.69	2:50.99	2:54.69	2:57.89	3:00.89	3:02.79	3:05.59	3:10.09	3:14.29	3:18.59	3:30.39	3:43.59
11-12	BOYS	50 M	FLY	31.49	32.09	32.69	33.59	34.59	35.39	36.09	37.49	38.79	40.49	43.59	48.39
11-12	BOYS	100 M	FLY	1:03.69	1:07.59	1:09.69	1:11.49	1:13.49	1:15.39	1:16.69	1:19.39	1:21.99	1:25.09	1:30.99	1:39.59
11-12	BOYS	200 M	FLY	2:23.59	2:26.99	2:30.19	2:32.99	2:36.29	2:38.19	2:39.69	2:43.49	2:46.79	2:51.79	2:56.19	3:08.89
11-12	BOYS	100 M	IM	1:10.79	1:12.49	1:14.19	1:16.09	1:17.89	1:19.39	1:20.79	1:23.49	1:26.09	1:28.79	1:33.49	1:40.89
11-12	BOYS	200 M	IM	2:25.69	2:29.79	2:33.59	2:38.09	2:41.69	2:44.69	2:47.29	2:51.89	2:56.69	3:01.89	3:10.69	3:23.89
11-12	BOYS	400 M	IM	5:08.79	5:15.49	5:20.19	5:27.69	5:34.09	5:37.79	5:40.99	5:49.19	5:54.09	6:03.59	6:18.69	6:42.09
13-14	BOYS	50 M	FREE	25.89	26.29	26.79	27.19	27.69	28.09	28.39	29.19	29.89	30.59	31.99	33.99
13-14	BOYS	100 M	FREE	56.29	57.09	58.09	59.19	1:00.29	1:01.09	1:01.99	1:03.79	1:05.29	1:07.09	1:10.39	1:15.79
13-14	BOYS	200 M	FREE	2:01.79	2:03.49	2:05.49	2:07.79	2:10.19	2:12.19	2:13.99	2:17.39	2:21.09	2:24.99	2:31.99	2:43.09
13-14	BOYS	400 M	FREE	4:15.89	4:19.59	4:23.79	4:28.39	4:32.89	4:36.79	4:39.99	4:46.69	4:52.69	4:59.29	5:11.29	5:30.29
13-14	BOYS	800 M	FREE	10:55.29	11:05.49	11:14.89	11:25.79	11:34.49	11:42.99	11:50.99	12:04.39	12:16.19	12:32.09	12:57.39	13:43.89
13-14	BOYS	1500 M	FREE	16:18.49	16:35.69	16:52.19	17:10.59	17:25.69	17:40.49	17:50.09	18:09.59	18:29.49	18:48.89	19:24.29	20:18.09
13-14	BOYS	100 M	BACK	1:03.09	1:04.19	1:05.49	1:06.99	1:08.49	1:10.09	1:11.29	1:13.59	1:15.79	1:18.19	1:22.69	1:28.79
13-14	BOYS	200 M	BACK	2:13.29	2:15.79	2:18.59	2:21.09	2:23.79	2:26.29	2:28.39	2:32.19	2:36.19	2:40.39	2:47.89	2:58.59
13-14	BOYS	100 M	BREAST	1:10.59	1:12.09	1:13.59	1:15.49	1:17.29	1:18.59	1:19.99	1:22.69	1:25.29	1:28.19	1:32.69	1:39.29
13-14	BOYS	200 M	BREAST	2:30.79	2:33.89	2:36.79	2:40.39	2:43.79	2:46.49	2:48.89	2:53.49	2:57.89	3:02.59	3:11.19	3:23.79
13-14	BOYS	100 M	FLY	1:01.59	1:02.69	1:03.89	1:05.29	1:06.69	1:07.79	1:08.89	1:11.19	1:13.49	1:16.09	1:20.69	1:28.39
13-14	BOYS	200 M	FLY	2:12.99	2:15.39	2:17.69	2:20.59	2:22.89	2:25.09	2:27.09	2:30.39	2:34.29	2:38.09	2:45.59	2:56.89
13-14	BOYS	200 M	IM	2:16.69	2:19.39	2:21.69	2:24.69	2:27.69	2:29.99	2:32.19	2:36.19	2:40.19	2:44.39	2:52.09	3:03.69
13-14	BOYS	400 M	IM	4:45.19	4:47.99	4:52.39	4:57.69	5:01.89	5:06.09	5:09.99	5:16.69	5:22.59	5:28.69	5:39.59	5:55.79
15-16	BOYS	50 M	FREE	24.49	24.69	24.99	25.29	25.79	26.09	26.39	26.89	27.29	27.89	28.69	29.89
15-16	BOYS	100 M	FREE	53.29	53.89	54.49	55.39	56.29	56.89	57.59	58.69	59.79	1:00.89	1:02.89	1:05.99
15-16	BOYS	200 M	FREE	1:55.19	1:56.69	1:58.49	2:00.49	2:02.29	2:03.69	2:04.99	2:07.59	2:09.99	2:12.49	2:17.49	2:24.89
15-16	BOYS	400 M	FREE	4:03.99	4:07.19	4:10.09	4:13.69	4:17.99	4:21.09	4:23.59	4:28.39	4:33.19	4:37.99	4:48.49	5:03.59
15-16	BOYS	800 M	FREE	10:25.49	10:31.49	10:36.69	10:44.59	10:53.99	11:00.89	11:07.59	11:19.89	11:31.39	11:44.29	12:05.49	12:42.39
15-16	BOYS	1500 M	FREE	15:49.29	15:56.69	16:05.99	16:19.59	16:33.89	16:43.59	16:52.09	17:09.79	17:26.69	17:47.69	18:20.19	19:16.59
15-16	BOYS	100 M	BACK	58.59	59.49	1:00.59	1:01.99	1:03.39	1:04.29	1:05.09	1:06.89	1:08.49	1:10.49	1:13.69	1:18.19
15-16	BOYS	200 M	BACK	2:04.59	2:06.49	2:08.69	2:11.59	2:14.29	2:16.49	2:18.29	2:21.49	2:24.09	2:26.79	2:32.69	2:41.69
15-16	BOYS	100 M	BREAST	1:05.69	1:06.79	1:07.99	1:09.19	1:10.49	1:11.79	1:13.09	1:15.19	1:17.29	1:19.19	1:22.79	1:27.39
15-16	BOYS	200 M	BREAST	2:22.59	2:24.39	2:26.29	2:28.79	2:31.49	2:33.69	2:35.49	2:39.79	2:43.69	2:47.29	2:53.59	3:04.19
15-16	BOYS	100 M	FLY	57.89	58.69	59.69	1:00.79	1:01.89	1:02.69	1:03.49	1:04.99	1:06.29	1:07.89	1:10.79	1:15.69
15-16	BOYS	200 M	FLY	2:05.59	2:07.89	2:09.49	2:11.79	2:13.69	2:15.39	2:16.89	2:19.79	2:22.49	2:25.29	2:30.29	2:38.39
15-16	BOYS	200 M	IM	2:09.29	2:11.09	2:12.89	2:15.19	2:17.39	2:19.49	2:21.29	2:24.39	2:27.39	2:30.49	2:36.39	2:44.19
15-16	BOYS	400 M	IM	4:30.19	4:33.59	4:36.99	4:40.39	4:44.39	4:48.39	4:51.49	4:56.29	5:01.79	5:06.89	5:15.39	5:29.49
17-18	BOYS	50 M	FREE	23.59	23.89	24.09	24.29	24.69	24.89	25.09	25.59	25.99	26.29	27.09	27.99
17-18	BOYS	100 M	FREE	51.79	52.19	52.69	53.29	54.09	54.59	55.09	55.99	56.69	57.69	59.39	1:01.59
17-18	BOYS	200 M	FREE	1:51.59	1:53.09	1:54.49	1:55.69	1:57.19	1:58.39	1:59.39	2:01.59	2:03.59	2:05.79	2:09.69	2:15.29
17-18	BOYS	400 M	FREE	3:57.49	4:00.09	4:02.49	4:05.89	4:08.59	4:10.89	4:12.79	4:17.29	4:21.49	4:25.99	4:34.69	4:46.49
17-18	BOYS	800 M	FREE	10:16.99	10:24.29	10:28.89	10:33.49	10:38.89	10:44.49	10:49.69	10:58.39	11:10.69	11:20.89	11:43.59	12:16.09
17-18	BOYS	1500 M	FREE	15:33.19	15:41.89	15:49.59	15:57.49	16:07.19	16:17.49	16:25.19	16:39.99	16:54.39	17:10.99	17:34.89	18:21.39
17-18	BOYS	100 M	BACK	57.29	57.89	58.69	59.49	1:00.39	1:01.09	1:01.99	1:03.49	1:05.09	1:06.69	1:08.99	1:13.09
17-18	BOYS	200 M	BACK	2:01.79	2:03.49	2:05.69	2:07.79	2:09.49	2:11.39	2:12.89	2:15.59	2:18.59	2:21.09	2:25.89	2:32.99
17-18	BOYS	100 M	BREAST	1:03.89	1:04.79	1:05.59	1:06.59	1:07.39	1:08.39	1:09.19	1:10.79	1:12.49	1:14.39	1:17.19	1:20.99
17-18	BOYS	200 M	BREAST	2:16.39	2:18.79	2:21.29	2:23.69	2:25.29	2:27.09	2:28.69	2:31.49	2:34.69			

10/10/2000

QUADRENIUM 2004 NATIONAL AGE GROUP MOTIVATIONAL TIMES
SHORT COURSE-METERS

Event				Track I				Track II			Track III		Track IV		
				98%	96.5%	94%	90%	85%	80%	75%	65%	55%	45%	30%	15%
10&U	GIRLS	50 M	FREE	33.19	33.99	34.99	36.19	37.29	38.29	39.29	41.09	42.89	44.99	48.79	54.69
10&U	GIRLS	100 M	FREE	1:11.29	1:13.19	1:15.29	1:17.89	1:20.39	1:22.59	1:24.69	1:28.69	1:32.49	1:36.49	1:43.79	1:53.99
10&U	GIRLS	200 M	FREE	2:27.39	2:31.79	2:36.39	2:40.79	2:44.89	2:48.39	2:51.59	2:57.49	3:03.89	3:10.69	3:21.59	3:38.09
10&U	GIRLS	400 M	FREE	4:30.89	4:35.19	4:46.89	5:06.09	5:17.69	5:27.99	5:35.09	5:46.09	5:57.39	6:05.19	6:24.79	6:53.99
10&U	GIRLS	50 M	BACK	38.69	39.79	40.99	42.39	43.69	44.89	46.09	48.09	50.19	52.39	56.29	1:01.89
10&U	GIRLS	100 M	BACK	1:19.29	1:21.59	1:24.19	1:26.79	1:28.99	1:31.09	1:32.99	1:36.59	1:39.99	1:43.79	1:50.39	2:00.59
10&U	GIRLS	50 M	BREAST	42.99	44.19	45.59	47.09	48.69	49.99	51.09	53.19	55.19	57.29	1:01.09	1:07.09
10&U	GIRLS	100 M	BREAST	1:29.49	1:32.19	1:34.79	1:38.09	1:40.99	1:43.19	1:45.19	1:49.19	1:52.89	1:56.49	2:02.69	2:12.09
10&U	GIRLS	50 M	FLY	36.49	37.39	38.59	39.99	41.39	42.69	43.99	46.19	48.39	50.89	55.19	1:01.49
10&U	GIRLS	100 M	FLY	1:15.29	1:18.49	1:21.09	1:24.39	1:27.09	1:29.39	1:31.29	1:35.19	1:38.69	1:42.69	1:49.49	1:58.49
10&U	GIRLS	100 M	IM	1:22.39	1:24.59	1:26.89	1:29.79	1:32.39	1:34.79	1:37.19	1:41.49	1:45.49	1:49.49	1:57.29	2:07.69
10&U	GIRLS	200 M	IM	2:45.29	2:50.79	2:55.39	3:00.49	3:04.69	3:08.19	3:11.39	3:17.19	3:22.99	3:29.29	3:39.89	3:54.29
11-12	GIRLS	50 M	FREE	29.69	30.09	30.79	31.39	31.99	32.49	32.99	33.99	34.99	36.09	38.09	41.29
11-12	GIRLS	100 M	FREE	1:03.69	1:04.89	1:06.09	1:07.69	1:09.19	1:10.39	1:11.59	1:13.99	1:16.29	1:18.89	1:23.59	1:30.99
11-12	GIRLS	200 M	FREE	2:15.69	2:18.29	2:20.79	2:23.79	2:26.69	2:29.19	2:31.39	2:35.79	2:40.29	2:45.09	2:54.29	3:07.99
11-12	GIRLS	400 M	FREE	4:42.59	4:47.39	4:51.99	4:57.39	5:02.49	5:06.59	5:10.89	5:18.79	5:26.19	5:34.39	5:49.09	6:12.39
11-12	GIRLS	800 M	FREE	12:04.69	12:10.39	12:26.59	12:35.99	12:45.59	12:55.49	13:07.19	13:24.89	13:40.39	13:54.99	14:31.69	15:15.39
11-12	GIRLS	1500 M	FREE	18:11.89	18:16.69	18:30.09	18:44.99	19:01.49	19:11.09	19:22.09	19:46.69	20:22.39	20:48.79	21:31.79	22:37.59
11-12	GIRLS	50 M	BACK	34.19	34.99	35.69	36.59	37.49	38.29	38.89	40.29	41.59	42.99	45.59	49.49
11-12	GIRLS	100 M	BACK	1:11.49	1:13.09	1:14.69	1:16.49	1:18.39	1:19.79	1:21.09	1:23.69	1:26.09	1:28.89	1:33.99	1:41.89
11-12	GIRLS	200 M	BACK	2:28.69	2:30.29	2:32.69	2:35.09	2:37.59	2:39.69	2:41.39	2:45.29	2:48.79	2:52.19	2:58.09	3:09.29
11-12	GIRLS	50 M	BREAST	37.89	38.69	39.69	40.79	41.79	42.79	43.59	45.09	46.59	47.99	50.59	54.59
11-12	GIRLS	100 M	BREAST	1:20.19	1:22.09	1:23.99	1:26.19	1:28.29	1:30.09	1:31.79	1:34.79	1:37.89	1:40.99	1:46.09	1:53.89
11-12	GIRLS	200 M	BREAST	2:47.89	2:49.79	2:53.09	2:57.19	3:00.59	3:02.99	3:04.89	3:10.09	3:15.09	3:19.69	3:29.89	3:44.89
11-12	GIRLS	50 M	FLY	32.39	33.09	33.69	34.59	35.49	36.19	36.79	38.19	39.59	41.29	44.09	48.39
11-12	GIRLS	100 M	FLY	1:09.09	1:10.59	1:12.29	1:14.19	1:15.79	1:17.39	1:18.69	1:21.29	1:23.99	1:27.19	1:32.49	1:40.69
11-12	GIRLS	200 M	FLY	2:28.89	2:30.79	2:33.19	2:35.69	2:38.49	2:41.29	2:43.09	2:46.89	2:50.29	2:54.99	3:02.39	3:12.79
11-12	GIRLS	100 M	IM	1:13.29	1:14.59	1:16.19	1:17.79	1:19.49	1:20.99	1:22.49	1:24.89	1:27.39	1:30.09	1:34.79	1:41.89
11-12	GIRLS	200 M	IM	2:32.99	2:35.99	2:38.99	2:42.39	2:45.19	2:47.89	2:50.39	2:54.99	2:59.59	3:04.49	3:13.09	3:26.29
11-12	GIRLS	400 M	IM	5:16.39	5:20.79	5:24.59	5:28.99	5:33.89	5:37.69	5:41.69	5:49.39	5:54.69	6:00.59	6:13.09	6:31.69
13-14	GIRLS	50 M	FREE	28.09	28.39	28.99	29.39	29.99	30.39	30.79	31.39	32.09	32.69	34.09	36.19
13-14	GIRLS	100 M	FREE	1:00.69	1:01.49	1:02.59	1:03.79	1:04.89	1:05.69	1:06.59	1:07.99	1:09.49	1:11.29	1:14.69	1:19.99
13-14	GIRLS	200 M	FREE	2:09.49	2:11.29	2:13.49	2:16.19	2:18.69	2:20.79	2:22.69	2:26.19	2:29.49	2:33.19	2:40.19	2:51.49
13-14	GIRLS	400 M	FREE	4:27.79	4:32.29	4:36.19	4:41.19	4:45.89	4:50.09	4:53.69	4:59.99	5:06.39	5:13.29	5:25.79	5:44.89
13-14	GIRLS	800 M	FREE	11:23.09	11:31.39	11:40.89	11:52.49	12:03.19	12:12.69	12:20.39	12:34.19	12:46.09	13:00.49	13:29.49	14:08.99
13-14	GIRLS	1500 M	FREE	17:05.89	17:18.59	17:36.09	17:55.49	18:12.39	18:25.89	18:38.49	18:56.99	19:12.39	19:32.29	20:09.59	21:13.79
13-14	GIRLS	100 M	BACK	1:07.79	1:08.99	1:10.29	1:11.99	1:13.69	1:15.09	1:16.29	1:18.49	1:20.69	1:22.89	1:26.69	1:33.19
13-14	GIRLS	200 M	BACK	2:23.59	2:25.99	2:28.39	2:31.29	2:34.19	2:36.29	2:38.39	2:41.99	2:45.79	2:49.79	2:56.09	3:05.49
13-14	GIRLS	100 M	BREAST	1:16.59	1:17.69	1:19.39	1:21.09	1:23.09	1:24.79	1:26.19	1:28.79	1:31.29	1:34.09	1:38.39	1:44.89
13-14	GIRLS	200 M	BREAST	2:42.09	2:44.29	2:48.09	2:51.29	2:54.39	2:57.19	2:59.79	3:04.39	3:08.79	3:13.19	3:21.59	3:33.39
13-14	GIRLS	100 M	FLY	1:06.09	1:07.29	1:08.39	1:10.09	1:11.49	1:12.89	1:13.99	1:16.29	1:18.59	1:20.99	1:25.89	1:33.29
13-14	GIRLS	200 M	FLY	2:22.49	2:24.69	2:26.59	2:28.89	2:31.49	2:33.59	2:35.49	2:38.89	2:42.69	2:46.99	2:54.39	3:05.99
13-14	GIRLS	200 M	IM	2:26.89	2:28.99	2:31.39	2:34.29	2:37.19	2:39.59	2:41.69	2:45.79	2:49.49	2:53.69	3:00.99	3:12.19
13-14	GIRLS	400 M	IM	5:03.49	5:07.59	5:11.29	5:15.79	5:20.59	5:24.39	5:27.99	5:34.09	5:40.19	5:46.69	5:57.79	6:14.09
15-16	GIRLS	50 M	FREE	27.19	27.39	27.89	28.29	28.79	29.09	29.39	30.09	30.59	31.09	32.09	33.59
15-16	GIRLS	100 M	FREE	58.89	59.59	1:00.39	1:01.29	1:02.29	1:02.99	1:03.69	1:05.09	1:06.29	1:07.69	1:09.99	1:13.69
15-16	GIRLS	200 M	FREE	2:05.79	2:07.29	2:09.09	2:10.89	2:12.89	2:14.49	2:16.09	2:18.79	2:21.79	2:24.89	2:30.19	2:38.79
15-16	GIRLS	400 M	FREE	4:22.29	4:25.09	4:28.09	4:32.49	4:36.29	4:39.79	4:42.69	4:48.09	4:53.69	4:59.59	5:10.99	5:27.59
15-16	GIRLS	800 M	FREE	11:10.19	11:14.79	11:23.09	11:31.09	11:40.39	11:48.69	11:55.59	12:09.09	12:22.19	12:35.39	12:59.79	13:41.49
15-16	GIRLS	1500 M	FREE	16:45.69	16:57.99	17:05.89	17:18.19	17:33.09	17:47.09	17:58.79	18:17.49	18:34.59	18:54.09	19:28.09	20:24.79
15-16	GIRLS	100 M	BACK	1:04.99	1:05.89	1:06.99	1:08.39	1:09.69	1:10.89	1:11.89	1:13.99	1:15.69	1:17.79	1:21.09	1:26.09
15-16	GIRLS	200 M	BACK	2:18.19	2:20.59	2:22.79	2:25.19	2:27.89	2:29.79	2:31.59	2:34.79	2:38.19	2:41.69	2:47.19	2:55.69
15-16	GIRLS	100 M	BREAST	1:13.59	1:14.69	1:15.79	1:17.49	1:18.99	1:20.39	1:21.49	1:23.89	1:25.99	1:28.19	1:31.79	1:37.19
15-16	GIRLS	200 M	BREAST	2:36.19	2:38.19	2:41.09	2:44.19	2:47.09	2:49.69	2:51.99	2:55.69	2:59.69	3:03.89	3:10.89	3:21.39
15-16	GIRLS	100 M	FLY	1:03.99	1:04.99	1:05.99	1:06.99	1:08.09	1:09.09	1:09.99	1:11.79	1:13.39	1:15.29	1:18.69	1:24.69
15-16	GIRLS	200 M	FLY	2:17.09	2:19.19	2:21.69	2:24.39	2:26.49	2:27.99	2:29.49	2:32.59	2:35.49	2:38.89	2:44.79	2:54.39
15-16	GIRLS	200 M	IM	2:22.29	2:23.89	2:25.89	2:28.29	2:30.49	2:32.49	2:34.29	2:37.59	2:40.79	2:44.39	2:50.19	2:59.49
15-16	GIRLS	400 M	IM	4:54.49	4:58.09	5:01.19	5:05.19	5:09.39	5:12.59	5:15.69	5:21.99	5:27.09	5:32.49	5:42.59	5:57.49
17-18	GIRLS	50 M	FREE	26.79	27.09	27.29	27.69	27.99	28.29	28.69	29.09	29.69	30.19	31.19	32.49
17-18	GIRLS	100 M	FREE	58.09	58.59	59.39	1:00.19	1:00.99	1:01.59	1:02.09	1:03.39	1:04.59	1:05.69	1:07.69	1:11.19
17-18	GIRLS	200 M	FREE	2:04.59	2:05.79	2:06.89	2:08.59	2:10.29	2:11.59	2:12.89	2:15.39	2:17.89	2:20.59	2:25.19	2:33.39
17-18	GIRLS	400 M	FREE	4:19.09	4:21.49	4:24.09	4:27.09	4:30.19	4:32.79	4:35.09	4:40.39	4:46.29	4:52.49	5:02.89	5:20.09
17-18	GIRLS	800 M	FREE	11:10.19	11:07.99	11:15.09	11:23.09	11:32.49	11:38.29	11:42.49	11:55.19	12:08.49	12:20.69	12:44.39	13:13.99
17-18	GIRLS	1500 M	FREE	16:38.39	16:45.19	16:52.19	17:02.99	17:12.39	17:23.79	17:31.09	17:51.69	18:13.39	18:29.69	19:00.99	19:52.89
17-18	GIRLS	100 M	BACK	1:04.29	1:04.99	1:05.89	1:06.69	1:07.69	1:08.69	1:09.69	1:11.39	1:13.29	1:15.29	1:18.49	1:23.09
17-18	GIRLS	200 M	BACK	2:17.09	2:18.29	2:19.89	2:21.89	2:24.09	2:26.19	2:28.09	2:30.79	2:33.59	2:37.09	2:43.49	2:52.89
17-18	GIRLS	100 M	BREAST	1:11.89	1:12.69	1:13.49	1:14.59	1:15.79	1:17.19	1:18.39	1:20.49	1:21.99	1:23.89	1:27.19	1:32.89
17-18	GIRLS	200 M	BREAST	2:33.69	2:35.79	2:37.39	2:39.79	2:42							

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QUADRENIUM 2004 NATIONAL AGE GROUP MOTIVATIONAL TIMES
SHORT COURSE-YARDS

Event			Track I				Track II			Track III		Track IV		
			98%	96.5%	94%	90%	85%	80%	75%	65%	55%	45%	30%	15%
10&U	BOYS	50 Y FREE	29.49	30.19	30.99	31.99	32.99	33.79	34.69	36.19	37.89	39.79	43.49	49.59
10&U	BOYS	100 Y FREE	1:03.59	1:05.29	1:06.99	1:09.29	1:11.39	1:13.29	1:14.99	1:18.39	1:21.69	1:25.19	1:31.49	1:41.89
10&U	BOYS	200 Y FREE	2:12.29	2:16.09	2:19.59	2:23.29	2:27.29	2:30.49	2:33.39	2:38.59	2:44.19	2:49.99	2:59.69	3:15.19
10&U	BOYS	500 Y FREE	4:48.59	4:51.69	5:01.79	5:34.29	5:57.09	6:07.89	6:12.29	6:23.69	6:37.09	6:50.49	7:13.99	7:41.29
10&U	BOYS	50 Y BACK	34.39	35.39	36.29	37.39	38.69	39.79	40.79	42.59	44.49	46.49	50.19	55.89
10&U	BOYS	100 Y BACK	1:10.69	1:12.59	1:14.79	1:16.89	1:18.99	1:20.59	1:22.09	1:25.29	1:28.59	1:31.69	1:37.89	1:46.79
10&U	BOYS	50 Y BREAST	38.59	39.49	40.69	42.09	43.29	44.49	45.39	47.29	49.09	50.99	54.39	1:00.09
10&U	BOYS	100 Y BREAST	1:19.09	1:22.39	1:24.99	1:27.59	1:29.79	1:31.99	1:33.89	1:37.29	1:40.29	1:43.69	1:49.49	1:57.79
10&U	BOYS	50 Y FLY	32.09	32.99	33.89	35.09	36.29	37.39	38.49	40.59	42.69	44.99	48.89	55.29
10&U	BOYS	100 Y FLY	1:06.59	1:09.09	1:11.39	1:13.69	1:16.19	1:18.19	1:19.89	1:23.09	1:26.49	1:29.99	1:36.39	1:45.39
10&U	BOYS	100 Y IM	1:13.19	1:15.19	1:17.29	1:19.49	1:21.99	1:23.89	1:25.79	1:29.39	1:32.69	1:36.39	1:43.19	1:53.59
10&U	BOYS	200 Y IM	2:28.29	2:31.89	2:35.79	2:40.09	2:44.39	2:47.19	2:49.99	2:54.89	3:00.09	3:05.49	3:14.79	3:27.89
11-12	BOYS	50 Y FREE	25.49	26.19	26.79	27.49	28.09	28.69	29.19	30.19	31.09	32.09	33.79	36.79
11-12	BOYS	100 Y FREE	54.69	56.19	57.89	59.39	1:00.89	1:02.19	1:03.39	1:05.69	1:07.89	1:10.19	1:14.59	1:21.79
11-12	BOYS	200 Y FREE	1:57.39	2:00.79	2:04.09	2:06.89	2:09.69	2:12.09	2:14.19	2:18.59	2:22.39	2:27.29	2:35.39	2:48.39
11-12	BOYS	500 Y FREE	5:08.29	5:16.49	5:25.69	5:33.39	5:40.09	5:44.99	5:49.79	5:58.29	6:07.29	6:16.69	6:34.59	7:00.89
11-12	BOYS	1000 Y FREE	10:31.89	10:41.69	10:52.79	11:08.29	11:21.09	11:30.89	11:40.89	11:52.69	12:08.99	12:27.49	13:05.19	14:05.49
11-12	BOYS	1650 Y FREE	17:26.49	17:45.59	18:22.79	18:50.09	19:11.29	19:27.49	19:41.09	20:00.89	20:19.59	20:44.79	21:28.49	22:28.19
11-12	BOYS	50 Y BACK	29.89	30.69	31.39	32.29	33.19	33.89	34.59	35.89	37.09	38.49	40.79	44.59
11-12	BOYS	100 Y BACK	1:01.59	1:03.69	1:05.59	1:07.69	1:09.29	1:10.69	1:11.99	1:14.39	1:16.89	1:19.49	1:23.99	1:31.49
11-12	BOYS	200 Y BACK	2:09.59	2:11.99	2:14.99	2:19.19	2:21.49	2:22.89	2:24.59	2:28.39	2:31.59	2:36.29	2:41.69	2:50.19
11-12	BOYS	50 Y BREAST	33.39	33.99	34.99	36.09	37.09	37.89	38.69	40.19	41.59	42.99	45.29	49.09
11-12	BOYS	100 Y BREAST	1:08.79	1:11.59	1:13.79	1:16.09	1:18.39	1:19.99	1:21.49	1:24.39	1:27.39	1:30.39	1:35.49	1:42.89
11-12	BOYS	200 Y BREAST	2:29.89	2:34.69	2:38.09	2:40.99	2:43.69	2:45.39	2:47.89	2:51.99	2:55.79	2:59.69	3:10.39	3:22.29
11-12	BOYS	50 Y FLY	28.49	28.99	29.59	30.39	31.29	31.99	32.59	33.89	35.09	36.59	39.39	43.79
11-12	BOYS	100 Y FLY	57.59	1:01.09	1:02.99	1:04.69	1:06.49	1:08.19	1:09.39	1:11.79	1:14.19	1:16.99	1:22.29	1:30.09
11-12	BOYS	200 Y FLY	2:09.89	2:12.99	2:15.89	2:18.39	2:21.39	2:23.09	2:24.49	2:27.89	2:30.89	2:35.39	2:39.39	2:50.89
11-12	BOYS	100 Y IM	1:03.99	1:05.59	1:07.09	1:08.79	1:10.49	1:11.79	1:13.09	1:15.49	1:17.89	1:20.29	1:24.59	1:31.29
11-12	BOYS	200 Y IM	2:11.79	2:15.49	2:18.99	2:22.99	2:26.29	2:28.99	2:31.39	2:35.49	2:39.89	2:44.59	2:52.49	3:04.49
11-12	BOYS	400 Y IM	4:39.39	4:45.49	4:49.69	4:56.49	5:02.29	5:05.69	5:08.59	5:15.99	5:20.39	5:28.99	5:42.69	6:03.89
13-14	BOYS	50 Y FREE	23.39	23.79	24.19	24.59	24.99	25.39	25.69	26.39	26.99	27.69	28.89	30.69
13-14	BOYS	100 Y FREE	50.89	51.59	52.49	53.49	54.49	55.29	56.09	57.69	59.09	1:00.69	1:03.69	1:08.59
13-14	BOYS	200 Y FREE	1:50.19	1:51.69	1:53.49	1:55.59	1:57.79	1:59.59	2:01.19	2:04.29	2:07.69	2:11.19	2:17.49	2:27.59
13-14	BOYS	500 Y FREE	4:52.29	4:56.59	5:01.39	5:06.59	5:11.79	5:16.19	5:19.89	5:27.59	5:34.39	5:41.99	5:55.69	6:17.39
13-14	BOYS	1000 Y FREE	9:52.99	10:02.19	10:10.69	10:20.59	10:28.49	10:36.19	10:43.39	10:55.49	11:06.19	11:20.59	11:43.49	12:25.59
13-14	BOYS	1650 Y FREE	16:24.19	16:41.49	16:58.09	17:16.59	17:31.79	17:46.69	17:56.29	18:15.89	18:35.99	18:55.49	19:31.09	20:25.19
13-14	BOYS	100 Y BACK	57.09	58.09	59.19	1:00.59	1:01.99	1:03.39	1:04.49	1:06.59	1:08.59	1:10.69	1:14.79	1:20.29
13-14	BOYS	200 Y BACK	2:00.59	2:02.89	2:05.39	2:07.69	2:10.09	2:12.39	2:14.29	2:17.69	2:21.29	2:25.09	2:31.89	2:41.59
13-14	BOYS	100 Y BREAST	1:03.89	1:05.19	1:06.59	1:08.29	1:09.89	1:11.09	1:12.39	1:14.79	1:17.19	1:19.79	1:23.89	1:29.79
13-14	BOYS	200 Y BREAST	2:16.39	2:19.19	2:21.89	2:25.09	2:28.19	2:30.59	2:32.79	2:36.99	2:40.99	2:45.19	2:52.99	3:04.39
13-14	BOYS	100 Y FLY	55.69	56.69	57.79	59.09	1:00.29	1:01.29	1:02.29	1:04.39	1:06.49	1:08.79	1:12.99	1:19.99
13-14	BOYS	200 Y FLY	2:00.29	2:02.49	2:04.59	2:07.19	2:09.29	2:11.29	2:13.09	2:16.09	2:19.59	2:22.99	2:29.79	2:40.09
13-14	BOYS	200 Y IM	2:03.69	2:06.09	2:08.19	2:10.89	2:13.59	2:15.69	2:17.69	2:21.29	2:24.89	2:28.69	2:35.69	2:46.19
13-14	BOYS	400 Y IM	4:18.09	4:20.59	4:24.59	4:29.39	4:33.19	4:36.99	4:40.49	4:46.59	4:51.89	4:57.39	5:07.29	5:21.99
15-16	BOYS	50 Y FREE	22.09	22.29	22.59	22.89	23.29	23.59	23.89	24.29	24.69	25.19	25.89	26.99
15-16	BOYS	100 Y FREE	48.19	48.69	49.29	50.09	50.89	51.49	52.09	53.09	54.09	55.09	56.89	59.69
15-16	BOYS	200 Y FREE	1:44.19	1:45.59	1:47.19	1:48.99	1:50.59	1:51.89	1:53.09	1:55.39	1:57.59	1:59.89	2:04.39	2:11.09
15-16	BOYS	500 Y FREE	4:38.79	4:42.39	4:45.69	4:49.79	4:54.69	4:58.29	5:01.09	5:06.59	5:12.09	5:17.59	5:29.59	5:46.89
15-16	BOYS	1000 Y FREE	9:25.99	9:31.49	9:36.19	9:43.29	9:51.79	9:58.09	10:04.09	10:15.29	10:25.69	10:37.29	10:56.49	11:29.89
15-16	BOYS	1650 Y FREE	15:54.79	16:02.29	16:11.59	16:25.29	16:39.69	16:49.39	16:57.99	17:15.79	17:32.79	17:53.89	18:26.59	19:23.29
15-16	BOYS	100 Y BACK	52.99	53.79	54.79	56.09	57.29	58.19	58.89	1:00.49	1:01.99	1:03.79	1:06.69	1:10.69
15-16	BOYS	200 Y BACK	1:52.69	1:54.39	1:56.39	1:59.09	2:01.49	2:03.49	2:05.09	2:07.99	2:10.39	2:12.79	2:18.19	2:26.29
15-16	BOYS	100 Y BREAST	59.39	1:00.39	1:01.49	1:02.59	1:03.79	1:04.89	1:06.09	1:07.99	1:09.89	1:11.59	1:14.89	1:19.09
15-16	BOYS	200 Y BREAST	2:08.99	2:10.59	2:12.39	2:14.59	2:17.09	2:19.09	2:20.69	2:24.59	2:28.09	2:31.39	2:37.09	2:46.69
15-16	BOYS	100 Y FLY	52.39	53.09	53.99	54.99	55.99	56.69	57.39	58.79	59.99	1:01.39	1:03.99	1:08.49
15-16	BOYS	200 Y FLY	1:53.59	1:55.69	1:57.19	1:59.19	2:00.99	2:02.49	2:03.89	2:06.49	2:08.89	2:11.49	2:15.99	2:23.29
15-16	BOYS	200 Y IM	1:56.99	1:58.59	2:00.19	2:02.29	2:04.29	2:06.19	2:07.79	2:10.59	2:13.39	2:16.19	2:21.49	2:28.59
15-16	BOYS	400 Y IM	4:04.49	4:07.59	4:10.59	4:13.69	4:17.29	4:20.99	4:23.79	4:28.09	4:33.09	4:37.69	4:45.39	4:58.19
17-18	BOYS	50 Y FREE	21.29	21.59	21.79	21.99	22.29	22.49	22.69	23.09	23.49	23.79	24.49	25.29
17-18	BOYS	100 Y FREE	46.79	47.19	47.69	48.19	48.89	49.39	49.79	50.59	51.29	52.19	53.69	55.69
17-18	BOYS	200 Y FREE	1:40.99	1:42.29	1:43.59	1:44.69	1:45.99	1:47.09	1:47.99	1:49.99	1:51.79	1:53.79	1:57.29	2:02.39
17-18	BOYS	500 Y FREE	4:31.29	4:34.29	4:36.99	4:40.89	4:43.99	4:46.59	4:48.79	4:53.89	4:58.79	5:03.89	5:13.79	5:27.29
17-18	BOYS	1000 Y FREE	9:18.29	9:24.89	9:29.09	9:33.29	9:38.19	9:43.19	9:47.89	9:55.79	10:06.89	10:16.19	10:36.69	11:06.09
17-18	BOYS	1650 Y FREE	15:38.59	15:47.39	15:55.09	16:03.09	16:12.79	16:23.19	16:30.89	16:45.79	17:00.29	17:16.99	17:40.99	18:27.79
17-18	BOYS	100 Y BACK	51.79	52.39	53.09	53.79	54.59	55.29	56.09	57.39	58.89	1:00.29	1:02.39	1:06.09
17-18	BOYS	200 Y BACK	1:50.19	1:51.69	1:53.69	1:55.59	1:57.19	1:58.89	2:00.19	2:02.69	2:05.39	2:07.69	2:11.99	2:18.39
17-18	BOYS	100 Y BREAST	57.79	58.59	59.29	1:00.19	1:00.99	1:01.89	1:02.59	1:03.99	1:05.59	1:07.29	1:09.79	1:13.29
17-18	BOYS	200 Y BREAST	2:03.39	2:05.59	2:07.79	2:09.99	2:11.49	2:13.09	2:14.49	2:17.09	2:19.99	2:22.89	2:28.09	2:35.99
17-18	BOYS	100 Y FLY	50.99	51.59	52.19	52.89	53.69	54.29	54.89	55.89	56.99	58.09	1:00.19	1:03.29
17-18	BOYS	200 Y FLY	1:50.39	1:51.89	1:53.29	1:55.19	1:56.99	1:58.39	1:59.49	2:01.69	2:03.99	2:06.39	2:10.59	2:16.99
17-18	BOYS	200 Y IM	1:53.79	1:55.19	1:56.59									

10/10/2000

QUADRENIUM 2004 NATIONAL AGE GROUP MOTIVATIONAL TIMES
SHORT COURSE-YARDS

Event				Track I				Track II			Track III		Track IV		
				98%	96.5%	94%	90%	85%	80%	75%	65%	55%	45%	30%	15%
10&U	GIRLS	50	Y FREE	29.99	30.69	31.59	32.69	33.69	34.59	35.49	37.19	38.79	40.69	44.09	49.49
10&U	GIRLS	100	Y FREE	1:04.49	1:06.19	1:08.09	1:10.49	1:12.69	1:14.69	1:16.59	1:20.19	1:23.69	1:27.29	1:33.89	1:43.09
10&U	GIRLS	200	Y FREE	2:13.39	2:17.29	2:21.49	2:25.49	2:29.19	2:32.39	2:35.29	2:40.59	2:46.39	2:52.49	3:02.39	3:17.29
10&U	GIRLS	500	Y FREE	5:09.49	5:14.39	5:27.79	5:49.69	6:02.99	6:14.69	6:22.79	6:35.39	6:48.29	6:57.19	7:19.69	7:52.99
10&U	GIRLS	50	Y BACK	34.99	35.99	37.09	38.29	39.49	40.59	41.69	43.49	45.39	47.39	50.89	55.99
10&U	GIRLS	100	Y BACK	1:11.69	1:13.79	1:16.19	1:18.49	1:20.49	1:22.39	1:24.09	1:27.39	1:30.49	1:33.89	1:39.89	1:49.09
10&U	GIRLS	50	Y BREAST	38.89	39.99	41.19	42.59	43.99	45.19	46.19	48.09	49.89	51.79	55.29	1:00.69
10&U	GIRLS	100	Y BREAST	1:20.99	1:23.39	1:25.79	1:28.69	1:31.39	1:33.39	1:35.19	1:38.79	1:42.09	1:45.39	1:50.99	1:59.49
10&U	GIRLS	50	Y FLY	32.99	33.79	34.89	36.19	37.39	38.59	39.79	41.79	43.79	45.99	49.89	55.59
10&U	GIRLS	100	Y FLY	1:08.09	1:10.99	1:13.39	1:16.29	1:18.79	1:20.89	1:22.59	1:26.09	1:29.29	1:32.89	1:39.09	1:47.19
10&U	GIRLS	100	Y IM	1:14.49	1:16.49	1:18.59	1:21.19	1:23.59	1:25.79	1:27.89	1:31.79	1:35.39	1:39.09	1:46.09	1:55.49
10&U	GIRLS	200	Y IM	2:29.59	2:34.49	2:38.69	2:43.29	2:47.09	2:50.29	2:53.19	2:58.39	3:03.69	3:09.39	3:18.99	3:31.99
11-12	GIRLS	50	Y FREE	26.79	27.19	27.79	28.39	28.89	29.39	29.79	30.69	31.59	32.59	34.39	37.29
11-12	GIRLS	100	Y FREE	57.59	58.69	59.79	1:01.19	1:02.59	1:03.69	1:04.79	1:06.89	1:08.99	1:11.39	1:15.59	1:22.29
11-12	GIRLS	200	Y FREE	2:02.79	2:05.09	2:07.39	2:10.09	2:12.69	2:14.99	2:16.99	2:20.99	2:24.99	2:29.39	2:37.69	2:50.09
11-12	GIRLS	500	Y FREE	5:22.89	5:28.29	5:33.59	5:39.79	5:45.59	5:50.29	5:55.19	6:04.19	6:12.69	6:21.99	6:38.89	7:05.49
11-12	GIRLS	1000	Y FREE	10:55.79	11:00.99	11:15.59	11:24.09	11:32.79	11:41.79	11:52.39	12:08.39	12:22.39	12:35.59	13:08.79	13:48.39
11-12	GIRLS	1650	Y FREE	18:18.19	18:23.09	18:36.59	18:51.49	19:08.09	19:17.79	19:28.89	19:53.59	20:29.49	20:56.09	21:39.29	22:45.49
11-12	GIRLS	50	Y BACK	30.89	31.59	32.29	33.09	33.89	34.59	35.19	36.39	37.59	38.89	41.19	44.79
11-12	GIRLS	100	Y BACK	1:04.69	1:06.09	1:07.59	1:09.19	1:10.89	1:12.19	1:13.39	1:15.69	1:17.89	1:20.39	1:24.99	1:32.19
11-12	GIRLS	200	Y BACK	2:14.49	2:15.99	2:18.19	2:20.29	2:22.59	2:24.49	2:25.99	2:29.59	2:32.69	2:35.79	2:41.09	2:51.29
11-12	GIRLS	50	Y BREAST	34.29	34.99	35.89	36.89	37.79	38.69	39.39	40.79	42.09	43.39	45.79	49.39
11-12	GIRLS	100	Y BREAST	1:12.49	1:14.29	1:15.99	1:17.99	1:19.89	1:21.49	1:22.99	1:25.79	1:28.59	1:31.39	1:35.99	1:42.99
11-12	GIRLS	200	Y BREAST	2:31.89	2:33.59	2:36.59	2:40.29	2:43.39	2:45.59	2:47.29	2:51.99	2:56.49	3:00.69	3:09.89	3:23.49
11-12	GIRLS	50	Y FLY	29.29	29.89	30.49	31.29	32.09	32.69	33.29	34.49	35.79	37.29	39.89	43.79
11-12	GIRLS	100	Y FLY	1:02.49	1:03.89	1:05.39	1:07.09	1:08.59	1:09.99	1:11.19	1:13.49	1:15.99	1:18.89	1:23.69	1:31.09
11-12	GIRLS	200	Y FLY	2:14.69	2:16.39	2:18.59	2:20.89	2:23.39	2:25.89	2:27.59	2:30.99	2:34.09	2:38.29	2:44.99	2:54.39
11-12	GIRLS	100	Y IM	1:06.29	1:07.49	1:08.89	1:10.39	1:11.89	1:13.29	1:14.59	1:16.79	1:19.09	1:21.49	1:25.79	1:32.19
11-12	GIRLS	200	Y IM	2:18.39	2:21.09	2:23.89	2:26.89	2:29.49	2:31.89	2:34.19	2:38.29	2:42.49	2:46.89	2:54.69	3:06.69
11-12	GIRLS	400	Y IM	4:46.29	4:50.29	4:53.69	4:57.69	5:02.09	5:05.59	5:09.19	5:16.19	5:20.99	5:26.29	5:37.59	5:54.39
13-14	GIRLS	50	Y FREE	25.39	25.69	26.19	26.59	27.09	27.49	27.79	28.39	28.99	29.59	30.79	32.69
13-14	GIRLS	100	Y FREE	54.89	55.59	56.59	57.69	58.69	59.39	1:00.19	1:01.49	1:02.89	1:04.49	1:07.59	1:12.39
13-14	GIRLS	200	Y FREE	1:57.19	1:58.79	2:00.79	2:03.19	2:05.49	2:07.39	2:09.09	2:12.29	2:15.29	2:18.59	2:24.89	2:35.19
13-14	GIRLS	500	Y FREE	5:05.99	5:11.09	5:15.49	5:21.29	5:26.59	5:31.39	5:35.59	5:42.69	5:50.09	5:57.99	6:12.19	6:33.99
13-14	GIRLS	1000	Y FREE	10:18.19	10:25.69	10:34.29	10:44.79	10:54.39	11:02.99	11:09.99	11:22.49	11:33.29	11:46.29	12:12.49	12:48.29
13-14	GIRLS	1650	Y FREE	17:11.89	17:24.59	17:42.19	18:01.79	18:18.79	18:32.29	18:44.99	19:03.59	19:19.09	19:39.09	20:16.59	21:21.19
13-14	GIRLS	100	Y BACK	1:01.29	1:02.39	1:03.59	1:05.09	1:06.69	1:07.89	1:08.99	1:10.99	1:12.99	1:14.99	1:18.39	1:24.29
13-14	GIRLS	200	Y BACK	2:09.89	2:12.09	2:14.29	2:16.89	2:19.49	2:21.39	2:23.29	2:26.59	2:29.99	2:33.59	2:39.29	2:47.79
13-14	GIRLS	100	Y BREAST	1:09.29	1:10.29	1:11.79	1:13.39	1:15.19	1:16.69	1:17.99	1:20.29	1:22.59	1:25.09	1:28.99	1:34.89
13-14	GIRLS	200	Y BREAST	2:26.69	2:29.19	2:32.09	2:34.99	2:37.79	2:40.29	2:42.69	2:46.79	2:50.79	2:54.79	3:02.39	3:13.09
13-14	GIRLS	100	Y FLY	59.79	1:00.89	1:01.89	1:03.39	1:04.69	1:05.89	1:06.89	1:08.99	1:11.09	1:13.29	1:17.69	1:24.39
13-14	GIRLS	200	Y FLY	2:08.89	2:10.89	2:12.59	2:14.69	2:17.09	2:18.99	2:20.69	2:23.79	2:27.19	2:31.09	2:37.79	2:48.29
13-14	GIRLS	200	Y IM	2:12.89	2:14.79	2:16.99	2:19.59	2:22.19	2:24.39	2:26.29	2:29.99	2:33.39	2:37.19	2:43.79	2:53.89
13-14	GIRLS	400	Y IM	4:34.59	4:38.29	4:41.69	4:45.79	4:50.09	4:53.49	4:56.79	5:02.29	5:07.79	5:13.69	5:23.79	5:38.49
15-16	GIRLS	50	Y FREE	24.59	24.79	25.19	25.59	25.99	26.29	26.59	27.19	27.69	28.09	28.99	30.39
15-16	GIRLS	100	Y FREE	53.29	53.89	54.59	55.39	56.29	56.99	57.59	58.89	59.99	1:01.19	1:03.29	1:06.69
15-16	GIRLS	200	Y FREE	1:53.79	1:55.19	1:56.79	1:58.39	2:00.19	2:01.69	2:03.09	2:05.59	2:08.29	2:11.09	2:15.89	2:23.69
15-16	GIRLS	500	Y FREE	4:59.69	5:02.89	5:06.29	5:11.29	5:15.69	5:19.69	5:22.99	5:29.19	5:35.49	5:42.29	5:55.29	6:14.29
15-16	GIRLS	1000	Y FREE	10:06.49	10:10.59	10:18.19	10:25.39	10:33.79	10:41.29	10:47.59	10:59.79	11:11.59	11:23.59	11:45.69	12:23.39
15-16	GIRLS	1650	Y FREE	16:51.49	17:03.89	17:11.89	17:24.19	17:39.19	17:53.29	18:05.09	18:23.89	18:41.09	19:00.69	19:34.89	20:31.89
15-16	GIRLS	100	Y BACK	58.79	59.59	1:00.59	1:01.89	1:02.99	1:04.09	1:04.99	1:06.89	1:08.49	1:10.39	1:13.39	1:17.89
15-16	GIRLS	200	Y BACK	2:04.99	2:07.19	2:09.19	2:11.39	2:13.79	2:15.49	2:17.19	2:20.09	2:23.09	2:26.29	2:31.29	2:38.99
15-16	GIRLS	100	Y BREAST	1:06.59	1:07.59	1:08.59	1:10.09	1:11.49	1:12.69	1:13.69	1:15.89	1:17.79	1:19.79	1:22.99	1:27.89
15-16	GIRLS	200	Y BREAST	2:21.29	2:23.09	2:25.79	2:28.59	2:31.19	2:33.49	2:35.59	2:38.99	2:42.59	2:46.39	2:52.69	3:02.19
15-16	GIRLS	100	Y FLY	57.89	58.79	59.69	1:00.59	1:01.59	1:02.49	1:03.29	1:04.89	1:06.39	1:08.09	1:11.19	1:16.59
15-16	GIRLS	200	Y FLY	2:03.99	2:05.89	2:08.19	2:10.59	2:12.49	2:13.89	2:15.29	2:18.09	2:20.69	2:23.79	2:29.09	2:37.79
15-16	GIRLS	200	Y IM	2:08.69	2:10.19	2:11.99	2:14.19	2:16.19	2:17.99	2:19.59	2:22.59	2:25.49	2:28.69	2:33.99	2:42.39
15-16	GIRLS	400	Y IM	4:26.49	4:29.69	4:32.49	4:36.19	4:39.99	4:42.89	4:45.69	4:51.39	4:55.99	5:00.89	5:09.99	5:23.49
17-18	GIRLS	50	Y FREE	24.19	24.49	24.69	24.99	25.29	25.59	25.89	26.29	26.79	27.29	28.19	29.39
17-18	GIRLS	100	Y FREE	52.49	52.99	53.69	54.39	55.19	55.69	56.19	57.29	58.39	59.39	1:01.19	1:04.39
17-18	GIRLS	200	Y FREE	1:52.69	1:53.79	1:54.79	1:56.29	1:57.89	1:59.09	2:00.19	2:02.49	2:04.79	2:07.19	2:11.39	2:18.79
17-18	GIRLS	500	Y FREE	4:55.99	4:58.79	5:01.69	5:05.19	5:08.69	5:11.69	5:14.29	5:20.39	5:27.09	5:34.19	5:46.09	6:05.69
17-18	GIRLS	1000	Y FREE	10:00.39	10:04.49	10:10.89	10:18.99	10:26.69	10:31.89	10:35.69	10:47.19	10:59.19	11:10.29	11:31.69	11:58.49
17-18	GIRLS	1650	Y FREE	16:44.19	16:50.99	16:58.09	17:08.89	17:18.39	17:29.89	17:37.19	17:57.89	18:19.79	18:36.19	19:07.59	19:59.79
17-18	GIRLS	100	Y BACK	58.19	58.79	59.59	1:00.29	1:01.19	1:02.09	1:02.99	1:04.59	1:06.29	1:08.09	1:10.99	1:15.19
17-18	GIRLS	200	Y BACK	2:03.99	2:05.09	2:06.59	2:08.39	2:10.39	2:12.29	2:13.99	2:16.39	2:18.99	2:22.09	2:27.89	2:36.39
17-18	GIRLS	100	Y BREAST	1:04.99	1:05.79	1:06.49	1:07.49	1:08.59	1:09.79	1:10.89	1:12.79	1:14.19	1:15.89	1:18.89	1:23.99
17-18	GIRLS	200	Y BREAST	2:19.09	2:20.99	2:22.39	2:24.59	2:26.69	2:28.59	2:30.69	2:34.09	2:36.99	2:39.79		