

## FINA MASTERS WORLD RECORDS SET AT THE LONG COURSE NATIONALS

	NAME	EVENT	AGE	TIME
	Kevin Doak	50 Back	25 - 29	:26.64
	Lois Kivi Nochman	50 Fly	85 - 89	1:04.46
	Lois Kivi Nochman	100 Fly	85 - 89	2:23.89
	Lois Kivi Nochman	200 Fly	85 - 89	5:12.69
	Lois Kivi Nochman	200 IM	85 - 89	5:11.92
	Lois Kivi Nochman	400 IM	85 - 89	10:48.77
	Men's 200 Medley Relay	200 MD Relay	120-159	1:46.23

## USMS NATIONAL RECORDS SET AT THE LONG COURSE NATIONALS

	NAME	EVENT	AGE	TIME
	Kevin Doak	50 Back	25 - 29	:26.64
	Randy Parker	100 Breast	55 - 59	1:14.21
	Lois Kivi Nochman	50 Fly	85 - 89	1:04.46
	Lois Kivi Nochman	100 Fly	85 - 89	2:23.89
	Lois Kivi Nochman	200 Fly	85 - 89	5:12.69
	Lois Kivi Nochman	200 IM	85 - 89	5:11.92
	Lois Kivi Nochman	400 IM	85 - 89	10:48.77
	Women's 800 Free Relay	800 FR Relay	200-239	10:14.83
	Men's 200 Medley Relay	200 MD Relay	120-159	1:46.23
	Men's 400 Free Relay	400 FR Relay	120-159	3:34.83
	Men's 400 Medley Relay	400 MD Relay	120-159	4:00.06
	Men's 800 Free Relay	800 FR Relay	120-159	8:11.67

## USMS Long Course National Championships by Michigan Masters Swimmers

	NAME	EVENT	AGE	TIME
	Corrin Pops	100 Breast	45 - 49	1:20.99
	Corrin Pops	200 Breast	45 - 49	2:59.47
	Corrin Pops	400 IM	45 - 49	5:51.73
	Denise Brown	400 Free	50 - 54	4:57.20
	Denise Brown	800 Free	50 - 54	10:14.16
	Laura Gogola	200 IM	70 - 74	4:35.49
	Laura Gogola	400 IM	70 - 74	10:04.36
	Lois Kivi Nochman	50 Fly	85 - 89	1:05.11
	Lois Kivi Nochman	100 Fly	85 - 89	2:24.53
	Lois Kivi Nochman	200 Fly	85 - 89	5:12.69
	Lois Kivi Nochman	200 IM	85 - 89	5:11.92
	Lois Kivi Nochman	400 IM	85 - 89	10:48.77
	Patrick Saucedo	100 Free	25 - 29	:54.03
	Patrick Saucedo	100 Fly	25 - 29	:58.88
	Kevin Doak	50 Free	25 - 29	:23.96
	Kevin Doak	50 Back	25 - 29	:26.69
	Kevin Doak	100 Back	25 - 29	:59.05
	Kevin Doak	50 Fly	25 - 29	:25.40
	Cameron Mull	400 Free	30 - 34	4:13.78
	Alec Mull	50 Free	35 - 39	:24.36
	Alec Mull	100 Free	35 - 39	:54.34
	Alec Mull	200 Free	35 - 39	1:59.74
	Alec Mull	50 Fly	35 - 39	:25.71
	Joe Buys	1500 Free	65 - 69	22:35.98
	Allan Charlton	50 Back	70 - 74	:38.02
	Mitchell Jacque	800 Free	80 - 84	17:41.50
	Bob Doud	200 Fly	85 - 89	7:15.59

MICHIGAN LMSC STATE RECORDS SET AT THE LONG COURSE NATIONALS				
	NAME	EVENT	AGE	TIME
	Corrin Popp	100 Free	45 - 49	1:04.86
	Corrin Popp	50 Breast	45 - 49	:37.60
	Corrin Popp	100 Breast	45 - 49	1:20.99
	Corrin Popp	200 Breast	45 - 49	2:59.47
	Corrin Popp	200 IM	45 - 49	2:39.64
	Denise Brown	200 Free	50 - 54	2:24.57
	Denise Brown	400 Free	50 - 54	4:57.20
	Denise Brown	800 Free	50 - 54	10:14.16
	Denise Brown	100 Fly	50 - 54	1:20.56
	Denise Brown	200 Fly	50 - 54	2:51.06
	Denise Brown	400 IM	50 - 54	6:03.09
	Marilyn Early	100 Free	50 - 54	1:07.57
	Marilyn Early	50 Back	50 - 54	:38.53
	Barb Church	50 Back	55 - 59	:37.31
	Barb Church	100 Back	55 - 59	1:20.85
	Sally Guthrie	400 IM	55 - 59	7:07.48
	Jennifer Parks	800 Free	65 - 69	14:07.58
	Lois Kivi Nochman	50 Fly	85 - 89	1:04.46
	Lois Kivi Nochman	100 Fly	85 - 89	2:23.89
	Lois Kivi Nochman	200 Fly	85 - 89	5:12.69
	Lois Kivi Nochman	200 IM	85 - 89	5:11.92
	Lois Kivi Nochman	400 IM	85 - 89	10:48.77
	Patrick Saucedo	50 Breast	25 - 29	:31.30
	Patrick Saucedo	100 Breast	25 - 29	1:07.42
	Patrick Saucedo	100 Fly	25 - 29	:58.88
	Patrick Saucedo	50 Fly	25 - 29	:25.68
	Kevin Doak	50 Fly	25 - 29	:25.40
	Kevin Doak	50 Back	25 - 29	:26.64
	Cameron Mull	50 Fly	30 - 34	:26.71
	Cameron Mull	100 Fly	30 - 34	:57.21
	Alec Mull	50 Free	35 - 39	:24.36
	Alec Mull	100 Free	35 - 39	:54.34
	Alec Mull	50 Fly	35 - 39	:25.71
	Dan Israel	100 Back	40 - 44	1:07.19
	Jeff Bailey	50 Fly	40 - 44	:28.14
	Dale Jackson	1500 Free	45 - 49	19:04.72
	Jim Pogue	100 Back	45 - 49	1:10.22
	John Allen	100 Breast	45 - 49	1:18.61
	John Allen	200 Breast	45 - 49	2:49.66
	Paul Karas	1500 Free	50 - 54	18:39.31
	Chuck Olson	100 Free	55 - 59	1:03.61
	Frank Thompson	200 Free	55 - 59	2:24.20
	Frank Thompson	200 Back	55 - 59	2:42.25
	Randy Parker	50 Breast	55 - 59	:32.74
	Randy Parker	100 Breast	55 - 59	1:14.21
	Randy Parker	200 Breast	55 - 59	2:55.58
	Gaard Arneson	200 Free	60 - 64	2:28.72
	Gaard Arneson	400 Free	60 - 64	5:12.72
	Gaard Arneson	800 Free	60 - 64	10:45.11
	Joe Buys	1500 Free	65 - 69	22:35.98
	Erik Lokensgard	200 Back	65 - 69	3:02.12
	Ray Martin	50 Free	70 - 74	:31.82
	Ray Martin	100 Free	70 - 74	1:14.38
	Ray Martin	200 Free	70 - 74	2:57.21
	Ray Martin	100 Back	70 - 74	1:26.43

MICHIGAN LMSC STATE RECORDS SET AT THE LONG COURSE NATIONALS				
	NAME	EVENT	AGE	TIME
	Ray Martin	50 Back	70 - 74	:38.57
	Allan Charlton	50 Back	70 - 74	:38.02
	Richard Henderson	50 Free	75 - 79	:36.25
	Richard Henderson	100 Free	75 - 79	1:32.47
	Mitchell Jacque	400 Free	80 - 84	8:47.37
	Mitchell Jacque	800 Free	80 - 84	17:41.50
	Mitchell Jacque	50 Back	80 - 84	:59.32
	Bob Doud	50 Free	85 - 89	1:00.93
	Bob Doud	100 Free	85 - 89	2:37.19
	Bob Doud	200 Free	85 - 89	5:39.98
RELAY LMSC STATE RECORDS SET AT THE LONG COURSE NATIONALS				
	RELAY EVENT	EVENT	AGE	TIME
	Women's 800 Free Relay	800 FR Relay	200-239	10:14.83
	Women's 400 Free Relay	400 FR Relay	240-279	6:48.30
	Women's 400 Medley Relay	400 MD Relay	200-239	5:59.07
	Men's 200 Medley Relay	200 MD Relay	120-159	1:46.23
	Men's 400 Free Relay	400 FR Relay	120-159	3:34.83
	Men's 400 Medley Relay	400 MD Relay	120-159	4:00.06
	Men's 800 Free Relay	800 FR Relay	120-159	8:11.67
	Men's 400 Free Relay	400 FR Relay	160-199	3:55.44
	Men's 400 Medley Relay	400 MD Relay	160-199	4:38.90
	Men's 800 Free Relay	800 FR Relay	160-199	8:54.26
	Men's 200 Medley Relay	200 MD Relay	200-239	2:04.63
	Men's 400 Free Relay	400 FR Relay	200-239	4:20.75
	Men's 400 Medley Relay	400 MD Relay	200-239	4:34.66
	Men's 800 Free Relay	800 FR Relay	200-239	9:23.89
	Men's 200 Medley Relay	200 MD Relay	240-279	2:19.16
	Men's 400 Free Relay	400 FR Relay	240-279	4:33.94
	Men's 400 Medley Relay	400 MD Relay	240-279	5:14.86
	Men's 800 Free Relay	800 FR Relay	240-279	10:06.62
	Men's 200 Free Relay	200 FR Relay	280-319	2:22.02
	Men's 400 Medley Relay	400 MD Relay	280-319	5:59.87
	Men's 800 Free Relay	800 FR Relay	280-319	12:52.90
	Mixed 400 Free Relay	400 FR Relay	160-199	4:21.77
	Mixed 400 Medley Relay	400 MD Relay	160-199	4:52.68
	Mixed 200 Free Relay	200 FR Relay	200-239	2:02.55
	Mixed 400 Free Relay	400 FR Relay	200-239	4:18.36
	Mixed 400 Medley Relay	400 MD Relay	200-239	5:00.11
	Mixed 800 Free Relay	800 FR Relay	200-239	9:36.10
	Mixed 200 Medley Relay	200 MD Relay	240-279	2:33.92
	Mixed 400 Free Relay	400 FR Relay	240-279	5:19.93
	Mixed 400 Medley Relay	400 MD Relay	240-279	5:35.77
	Mixed 800 Free Relay	800 FR Relay	240-279	11:15.20
	Mixed 400 Free Relay	400 FR Relay	280-319	6:30.51
	Mixed 400 Medley Relay	400 MD Relay	280-319	6:58.72
	Mixed 800 Free Relay	800 FR Relay	280-319	14:38.23
	Mixed 200 Free Relay	200 FR Relay	320-359	3:22.98
	Mixed 400 Free Relay	400 FR Relay	320-359	8:11.67
	Mixed 800 Free Relay	800 FR Relay	320-359	18:36.51