

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1998 SEASON

<u>19-24</u>				<u>WOMEN</u>				<u>19-24</u>				<u>MEN</u>			
50 free	N	26.61	Alison Terry '98	200 IM	N	2:24.07	Diane Graner '89	200 IM	N	1:10.41	Sharon Scott '96	50 free	N	23.36	Ed Wagner '95
	P	27.44	Jamie Raab '94	400 IM	P	2:32.35	Martie McKinney '92	400 IM	P	2:32.35	Aaron Bartleson '95	100 free	N	23.57	Aaron Bartleson '95
100 free	N	57.86	Alison Terry '97	100 free	N	52.64	Ed Wagner '95	100 free	N	52.64	Ed Wagner '95	100 free	P	53.26	Ed Wagner '95
	P	1:01.01	Jamie Raab '94	200 free	N	1:54.23	Brad Winsor '95	200 free	N	1:54.23	Brad Winsor '95	200 free	P	53.26	Brad Winsor '95
200 free	N	2:08.96	Alison Terry '97	400 free	N	4:03.45	Brad Winsor '95	400 free	N	4:03.45	Brad Winsor '95	400 free	P	1:54.23	Brad Winsor '95
	P	2:14.39	Tate Birnie '95	800 free	N	8:35.83	Brad Winsor '95	800 free	N	8:35.83	Brad Winsor '95	800 free	P	1:54.23	Brad Winsor '95
400 free	N	4:43.50	Lisa Dial '92	1500 free	N	16:15.25	Jeff Poppell '93	1500 free	N	16:15.25	Jeff Poppell '93	1500 free	P	4:03.45	Brad Winsor '95
	P	4:43.50	Lisa Dial '92	50 back	N	27.48	Aaron Bartleson '95	50 back	N	27.48	Aaron Bartleson '95	50 back	P	4:03.45	Brad Winsor '95
800 free	N	9:49.66	Laura Antonietta '94		P	32.77	Joanne Millard '94	100 back	N	58.98	Osiris Briseno '98	100 back	N	58.98	Osiris Briseno '98
	P	10:17.13	Elly Thunen-French '94	100 back	N	1:06.59	Alison Terry '98	200 back	N	2:08.81	Sergey Mariniuk '93	200 back	N	59.24	Lee Wanie '98
1500 free	N	18:54.01	Kristin Henson '90		P	1:08.94	Tate Birnie '95	50 breast	N	29.76	Aaron Bartleson '95	50 breast	N	29.76	Aaron Bartleson '95
	P	20:51.22	Debbie Bryant '86	200 back	N	2:22.61	N. Wunderlich '95	100 breast	N	1:05.52	Todd Radel '96	100 breast	N	1:05.52	Todd Radel '96
50 back	N	30.86	Kym Hucal '94		P	2:24.56	Tate Birnie '95	200 breast	N	2:22.78	Todd Radel '96	200 breast	N	2:22.78	Todd Radel '96
	P	32.77	Joanne Millard '94	50 breast	N	32.09	Beata Kaszuba '95	50 fly	N	26.24	Jeff Feltzer '95	50 fly	N	26.24	Jeff Feltzer '95
100 back	N	1:06.59	Alison Terry '98		P	36.99	Sharon Scott '95	100 fly	N	57.54	Jeff Poppell '93	100 fly	N	57.54	Jeff Poppell '93
	P	1:08.94	Tate Birnie '95	100 breast	N	1:08.89	Beata Kaszuba '95	200 fly	N	2:07.64	Jeff Poppell '93	200 fly	N	58.81	Greg Mackem '91
200 back	N	2:22.61	N. Wunderlich '95		P	1:17.13	Karrie Jones '89	100 IM	N	59.18	Aaron Bartleson '95	100 IM	N	59.18	Aaron Bartleson '95
	P	2:24.56	Tate Birnie '95	200 breast	N	2:38.63	Anita Nall '97	200 IM	N	2:08.88	Sergey Mariniuk '93	200 IM	N	59.18	Aaron Bartleson '95
50 breast	N	32.09	Beata Kaszuba '95		P	2:56.42	Christine Schultz '95	400 IM	N	4:28.54	Sergey Mariniuk '93	400 IM	N	4:28.54	Sergey Mariniuk '93
	P	36.99	Sharon Scott '95	50 fly	N	28.84	Jamie Raab '94		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
100 breast	N	1:08.89	Beata Kaszuba '95		P	28.84	Jamie Raab '94		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
	P	1:17.13	Karrie Jones '89	100 fly	N	1:05.38	Jamie Raab '94		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
200 breast	N	2:38.63	Anita Nall '97		P	1:05.38	Jamie Raab '94		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
	P	2:56.42	Christine Schultz '95	200 fly	N	2:28.91	Louise Appleton '97		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
50 fly	N	28.84	Jamie Raab '94		P	2:45.15	Donna Buckendahl '86		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
	P	28.84	Jamie Raab '94	100 IM	N	1:05.34	Beata Kaszuba '95		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
100 fly	N	1:05.38	Jamie Raab '94		P	1:11.85	Tate Birnie '95		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
	P	1:05.38	Jamie Raab '94	200 IM	N	2:30.37	N. Wunderlich '95		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
200 fly	N	2:28.91	Louise Appleton '97		P	2:32.66	Laura O'Heir '86		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
	P	2:45.15	Donna Buckendahl '86	400 IM	N	5:12.14	N. Wunderlich '95		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
100 IM	N	1:05.34	Beata Kaszuba '95		P	5:21.53	Lisa Dial '92		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
	P	1:11.85	Tate Birnie '95		P	5:21.53	Lisa Dial '92		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
200 IM	N	2:30.37	N. Wunderlich '95		P	5:21.53	Lisa Dial '92		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
	P	2:32.66	Laura O'Heir '86		P	5:21.53	Lisa Dial '92		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
400 IM	N	5:12.14	N. Wunderlich '95		P	5:21.53	Lisa Dial '92		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93
	P	5:21.53	Lisa Dial '92		P	5:21.53	Lisa Dial '92		P	4:28.54	Sergey Mariniuk '93		P	4:28.54	Sergey Mariniuk '93

<u>25-29</u>				<u>25-29</u>			
50 free	N	26.63	Heather Hageman '97	50 free	N	22.48	R. Peel/E. Wagner '93/95
	P	27.13	Sharon Scott '96		P	24.37	Todd Oakes '94
100 free	N	56.30	Sheila Taormina '96	100 free	N	49.91	Bjorn Zikarsky '95
	P	1:00.07	Sharon Scott '96		P	52.82	Chris Mayfield '95
200 free	N	1:59.78	Sheila Taormina '96	200 free	N	1:48.81	John Keppeler '95
	P	2:15.72	Laurel Hill '96		P	1:48.81	John Keppeler '95
400 free	N	4:24.18	Sheila Taormina '96	400 free	N	3:58.23	Alex Kostich '97
	P	4:39.87	Laurel Hill '96		P	4:16.84	Nenad Rodic '98
800 free	N	8:51.18	Sheila Taormina '96	800 free	N	8:14.75	Alex Kostich '97
	P	9:55.68	Marguerite Meyer '86		P	8:43.04	Chip Hobson '96
1500 free	N	16:36.07	Sheila Taormina '96	1500 free	N	15:41.81	Alex Kostich '97
	P	18:34.42	Marguerite Meyer '86		P	17:19.90	Michael Collins '95
50 back	N	30.63	Diane Graner '89	50 back	N	26.00	Michael Kanner '95
	P	32.78	Martie McKinney '92		P	26.21	John Keppeler '95
100 back	N	1:04.66	Diane Graner '89	100 back	N	55.76	John Keppeler '95
	P	1:09.16	Kathleen Hartnett '97		P	55.76	John Keppeler '95
200 back	N	2:20.66	Diane Graner '89	200 back	N	2:02.63	John Keppeler '95
	P	2:32.17	Martie McKinney '92		P	2:02.63	John Keppeler '95
50 breast	N	32.20	Tracey Marande '95	50 breast	N	29.08	John Waldman '89
	P	37.02	Sharon Scott '96		P	29.77	James Parrack '93
100 breast	N	1:14.82	Tracy McFarlane '91	100 breast	N	1:04.43	Abraham Solano '96
	P	1:19.03	Laurel Hill '96		P	1:07.08	James Parrack '93
200 breast	N	2:40.90	Louise Keogh '94	200 breast	N	2:20.43	Abraham Solano '96
	P	2:52.49	Karen Duggan '95		P	2:25.36	James Parrack '93
50 fly	N	28.68	Sheila Taormina '96	50 fly	N	25.28	Byron Davis '97
	P	30.53	Jamie Raab '96		P	25.78	Chris Mayfield '95
100 fly	N	1:01.33	Sheila Taormina '96	100 fly	N	56.11	Martin Hermann '95
	P	1:08.29	Jamie Raab '96		P	56.11	Martin Hermann '95
200 fly	N	2:28.67	Karen Burton '91	200 fly	N	2:09.02	Doug Wagner '95
	P	2:37.10	Jamie Raab '96		P	2:16.68	Stephen Stahl '94
100 IM	N	1:08.16	Beth O'Connor '88	100 IM	N	58.36	Neill Williams '96

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1998 SEASON

<u>30-34</u>				<u>30-34</u>				<u>30-34</u>			
				100 IM	N	1:06.57	Karlyn Pipes-Neilsen '97	100 IM			
					P	1:10.24	Jill Hernandez '97				
50 free	N	26.46	Anna P. Scott '93	50 free	N	23.59	Robert Pipes-Neilsen '97	200 IM	N	2:23.15	Robert Pipes-Neilsen '97
	P	26.46	Anna P. Scott '93		P	24.11	Bryan J. Balwin '94		P	2:25.39	Jill Hernandez '97
100 free	N	57.35	Sandy Neilson '88	100 free	N	51.86	James K. Montgomerie '97	400 IM	N	4:52.85	James K. Montgomerie '97
	P	1:04.88	Betsy Henry '90		P	54.13	Jill Hernandez '86		P	5:17.59	Jill Hernandez '86
200 free	N	2:04.64	Karlyn Pipes-Neilsen '96	200 free	N	1:52.83	Bruce Hayes '94				
	P	2:18.29	Marguerite Meyer '89		P	2:00.88	Michael Moore '95				
400 free	N	4:22.70	Karlyn Pipes-Neilsen '96	400 free	N	3:59.83	Bruce Hayes '94				
	P	4:40.03	Lisa Hazen '95		P	4:17.66	Michael Moore '95				
800 free	N	9:08.34	Karlyn Pipes-Neilsen '96	800 free	N	8:19.44	Bruce Hayes '94				
	P	9:28.11	Lisa Hazen '95		P	9:05.01	Michael Moore '96				
1500 free	N	17:23.60	Karen Burton '94	1500 free	N	16:15.49	Mike Shaffer '95				
	P	17:51.25	Lisa Hazen '95		P	17:15.03	Michael Moore '95				
50 back	N	30.14	Diane Graner Gallas '96	50 back	N	26.58	Jay Yarid '94				
	P	31.95	Martie McKinney '95		P	29.97	William Oliver '92				
100 back	N	1:03.36	Karlyn Pipes-Neilsen '96	100 back	N	56.83	Jay Yarid '93				
	P	1:07.25	Martie McKinney '95		P	1:04.30	Carr Phillips '96				
200 back	N	2:13.51	Karlyn Pipes-Neilsen '96	200 back	N	2:04.63	Jay Yarid '93				
	P	2:38.65	Christine Chichester '94		P	2:18.45	Cameron Reid '93				
50 breast	N	34.71	Karlyn Pipes-Neilsen '96	50 breast	N	29.21	Dean Putterman '96				
	P	38.60	Janet Regis '86		P	32.50	John Roemer '90				
100 breast	N	1:15.85	Karlyn Pipes-Neilsen '96	100 breast	N	1:04.33	David Guthrie '93				
	P	1:22.22	Granite Sosnoff '94		P	1:11.42	Andrew Brenan '94				
200 breast	N	2:46.47	Karlyn Pipes-Neilsen '96	200 breast	N	2:22.97	Roque Santos '98				
	P	2:53.24	Gayle Benty '86		P	2:22.97	Roque Santos '98				
50 fly	N	29.20	Karlyn Pipes-Neilsen '96	50 fly	N	25.06	Mike Bottom '89				
	P	29.98	Martie McKinney '95		P	25.06	Mike Bottom '89				
100 fly	N	1:03.80	Karlyn Pipes-Neilsen '96	100 fly	N	56.35	Peter Egan '95				
	P	1:04.07	Martie McKinney '95		P	56.43	Mike Bottom '89				
200 fly	N	2:19.64	Karlyn Pipes-Neilsen '96	200 fly	N	2:04.59	Mike Shaffer '95				
	P	2:38.09	Christine Chichester '94		P	2:18.85	Stephen Stahl '97				
100 IM	N	1:05.16	Karlyn Pipes-Neilsen '95	100 IM	N	59.95	Clay Britt '92				
	P	1:08.69	Martie McKinney '95		P	1:00.87	Bryan Baldwin '94				
200 IM	N	2:18.79	Karlyn Pipes-Neilsen '96	200 IM	N	2:10.69	Michael Green '96				
	P	2:38.42	Lynn Jolly '95		P	2:19.95	Jim Griffith '86				
400 IM	N	4:53.85	Karlyn Pipes-Neilsen '96	400 IM	N	4:35.97	Bruce Hayes '94				
	P	5:38.75	Nancy Rose '95		P	4:56.87	Cameron Reid '93				

<u>35-39</u>				<u>35-39</u>			
50 free	N	26.13	Sandy Neilson-Bell '95	50 free	N	23.80	Bruce Stahl '94
	P	27.97	Laura Val '89		P	24.71	Kirk Koslowski '93
100 free	N	57.71	Sandy Neilson-Bell '94	100 free	N	53.30	Peter Nunan '97
	P	1:00.29	Sandy Neilson-Bell '92		P	55.09	Kirk Koslowski '97
200 free	N	2:03.56	Karlyn Pipes-Neilsen '97	200 free	N	1:57.31	L.J. Meisenheimer '94
	P	2:09.06	Jill Hernandez '97		P	2:00.65	Mike Keck '95
400 free	N	4:24.01	Karlyn Pipes-Neilsen '97	400 free	N	4:12.35	Bobby Patton '98
	P	4:28.68	Jill Hernandez '97		P	4:15.96	Mike Keck '96
800 free	N	9:15.40	Karlyn Pipes-Neilsen '98	800 free	N	8:39.15	Bobby Patton '98
	P	9:40.56	Margee Curran '97		P	8:53.34	Mike Keck '95
1500 free	N	17:40.20	Karlyn Pipes-Neilsen '98	1500 free	N	16:22.20	Bobby Patton '98
	P	18:27.71	Laura Val '87		P	17:25.80	Mike Keck '95
50 back	N	30.94	Karlyn Pipes-Neilsen '98	50 back	N	26.84	Clay Britt '96
	P	32.50	Laura Val '91		P	30.00	Ron Laher '97
100 back	N	1:03.56	Karlyn Pipes-Neilsen '97	100 back	N	58.25	Clay Britt '96
	P	1:10.15	Laurie Vidal '97		P	1:02.61	Mike Keck '95
200 back	N	2:14.10	Karlyn Pipes-Neilsen '97	200 back	N	2:10.01	William Specht '93
	P	2:36.72	Laura Val '91		P	2:23.26	Mike Keck '94
50 breast	N	34.63	Leslie Osborne '89	50 breast	N	28.77	Wally Dicks '98
	P	37.57	Maureen Mendoza '96		P	33.14	Mike Keck '94
100 breast	N	1:15.65	Karlyn Pipes-Neilsen '97	100 breast	N	1:03.18	Wally Dicks '98
	P	1:21.80	Cokie Lepinski '94		P	1:08.40	Stuart Corliss '92
200 breast	N	2:50.26	Karlyn Pipes-Neilsen '97	200 breast	N	2:26.18	Ron Schaffer '96
	P	2:55.70	Eileen Wall '93		P	2:45.36	Dave Levinson '86
50 fly	N	29.87	Karlyn Pipes-Neilsen '97	50 fly	N	25.89	William Specht '93
	P	30.05	Laura Val '91		P	27.50	Sandy MacDonald '92
100 fly	N	1:03.29	Karlyn Pipes-Neilsen '97	100 fly	N	57.02	William Specht '93
	P	1:06.46	Jill Hernandez '97		P	1:00.32	Kerry O'Brien '95
200 fly	N	2:18.41	Karlyn Pipes-Neilsen '97	200 fly	N	2:06.48	William Specht '94
	P	2:25.06	Jill Hernandez '97		P	2:14.64	Sandy MacDonald '92

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1998 SEASON

40-44				40-44				40-44			
50 free	N	26.66	Sandy Neilson-Bell '96	50 free	N	1:11.82	Laura Val '97	100 IM	N	1:11.82	Laura Val '97
	P	27.74	Laura Val '95	200 IM	N	4:40.23	John Tudor '98	200 IM	N	2:37.59	Eric LaBove '97
100 free	N	59.83	Sandy Neilson-Bell '96	400 IM	N	8:25.43	Rick Aballe '95	400 IM	N	4:24.24	Danielle Ogier '98
	P	1:00.68	Laura Val '93		P	8:66.54	Spencer Eldred '96		P	4:24.24	Danielle Ogier '98
200 free	N	2:13.58	Suzanne Heim-Bowen '98	200 free	N	1:57.83	Hess Yntema '95		N	1:57.83	Hess Yntema '95
	P	2:13.58	Suzanne Heim-Bowen '98		P	1:59.27	Tim Broderick '92		P	1:59.27	Tim Broderick '92
400 free	N	4:34.83	Suzanne Heim-Bowen '98	400 free	N	4:09.31	Hess Yntema '95		N	4:09.31	Hess Yntema '95
	P	4:34.83	Suzanne Heim-Bowen '98		P	4:29.41	Sandy MacDonald '97		P	4:29.41	Sandy MacDonald '97
800 free	N	9:29.90	Suzanne Heim-Bowen '98	800 free	N	8:49.83	Hess Yntema '95		N	8:49.83	Hess Yntema '95
	P	9:29.90	Suzanne Heim-Bowen '98		P	9:11.61	Sandy MacDonald '96		P	9:11.61	Sandy MacDonald '96
1500 free	N	18:02.62	Suzanne Heim-Bowen '98	1500 free	N	16:51.71	Hess Yntema '95		N	16:51.71	Hess Yntema '95
	P	18:02.62	Suzanne Heim-Bowen '98		P	17:38.17	Dave Gray '86		P	17:38.17	Dave Gray '86
50 back	N	31.55	Laura Val '93	50 back	N	27.84	William Specht '98		N	27.84	William Specht '98
	P	31.55	Laura Val '93		P	29.58	Tim Birnie '86		P	29.58	Tim Birnie '86
100 back	N	1:10.45	Laura Val '95	100 back	N	59.26	William Specht '98		N	59.26	William Specht '98
	P	1:10.45	Laura Val '95		P	1:05.15	Tod Spieker '89		P	1:05.15	Tod Spieker '89
200 back	N	2:34.04	Laura Val '95	200 back	N	2:09.61	William Specht '98		N	2:09.61	William Specht '98
	P	2:34.04	Laura Val '95		P	2:22.17	Tod Spieker '89		P	2:22.17	Tod Spieker '89
50 breast	N	37.21	Lisa Bennett '96	50 breast	N	30.80	Chet Miltenberger '93		N	30.80	Chet Miltenberger '93
	P	37.79	Gayle Benty '92		P	31.30	Spencer Eldred '97		P	31.30	Spencer Eldred '97
100 breast	N	1:21.44	Judy Tibma '96	100 breast	N	1:06.50	Ron Schafer '97		N	1:06.50	Ron Schafer '97
	P	1:22.19	Gayle Benty '92		P	1:08.29	Spencer Eldred '97		P	1:08.29	Spencer Eldred '97
200 breast	N	2:54.12	Gayle Benty '92	200 breast	N	2:25.58	Ron Schafer '97		N	2:25.58	Ron Schafer '97
	P	2:54.12	Gayle Benty '92		P	2:30.67	Spencer Eldred '96		P	2:30.67	Spencer Eldred '96
50 fly	N	30.17	Laura Val '95	50 fly	N	25.89	William Specht '98		N	25.89	William Specht '98
	P	30.17	Laura Val '95		P	27.56	Dick Thomas '89		P	27.56	Dick Thomas '89
100 fly	N	1:06.86	Laura Val '93	100 fly	N	56.18	William Specht '98		N	56.18	William Specht '98
	P	1:06.86	Laura Val '93		P	1:01.53	Sandy MacDonald '96		P	1:01.53	Sandy MacDonald '96
200 fly	N	2:29.19	Laura Val '93	200 fly	N	1:52.99	William Specht '98		N	1:52.99	William Specht '98
	P	2:29.19	Laura Val '93		P	2:18.80	Sandy MacDonald '97		P	2:18.80	Sandy MacDonald '97
100 IM	N	1:11.65	Laura Val '92	100 IM	N	1:01.79	John Tudor '98		N	1:01.79	John Tudor '98
	P	1:11.65	Laura Val '92		P	1:02.83	Spencer Eldred '96		P	1:02.83	Spencer Eldred '96
200 IM	N	2:33.89	Laura Val '92	200 IM	N	2:12.25	Jim Sorenson '98		N	2:12.25	Jim Sorenson '98
	P	2:33.89	Laura Val '92		P	2:15.07	Spencer Eldred '96		P	2:15.07	Spencer Eldred '96
400 IM	N	5:32.53	Laura Val '92	400 IM	N	4:43.28	Hess Yntema '95		N	4:43.28	Hess Yntema '95
	P	5:32.53	Laura Val '92		P	5:19.20	John Sultan '86		P	5:19.20	John Sultan '86
45-49				45-49				45-49			
50 free	N	28.37	Jacki Hirsty '97	50 free	N	25.07	Rich Abrahams '91		N	25.07	Rich Abrahams '91
	P	28.65	Laura Val '97		P	25.10	Andrew McPherson '92		P	25.10	Andrew McPherson '92
100 free	N	1:02.00	Laura Val '98	100 free	N	55.63	Lee Mench '97		N	55.63	Lee Mench '97
	P	1:02.00	Laura Val '98		P	55.87	Tim Broderick '96		P	55.87	Tim Broderick '96
200 free	N	2:16.83	Laura Val '97	200 free	N	2:00.13	Tim Broderick '96		N	2:00.13	Tim Broderick '96
	P	2:16.83	Laura Val '97		P	2:00.13	Tim Broderick '96		P	2:00.13	Tim Broderick '96
400 free	N	4:49.52	Laura Val '98	400 free	N	4:18.44	Tim Broderick '96		N	4:18.44	Tim Broderick '96
	P	4:49.52	Laura Val '98		P	4:18.44	Tim Broderick '96		P	4:18.44	Tim Broderick '96
800 free	N	10:08.72	Danielle Ogier '97	800 free	N	8:56.08	Tim Broderick '96		N	8:56.08	Tim Broderick '96
	P	10:08.72	Danielle Ogier '97		P	8:56.08	Tim Broderick '96		P	8:56.08	Tim Broderick '96
1500 free	N	18:55.82	Laura Val '98	1500 free	N	17:19.87	Tim Broderick '96		N	17:19.87	Tim Broderick '96
	P	18:55.82	Laura Val '98		P	17:19.87	Tim Broderick '96		P	17:19.87	Tim Broderick '96
50 back	N	32.74	Laura Val '97	50 back	N	29.33	Robert Smith '89		N	29.33	Robert Smith '89
	P	32.74	Laura Val '97		P	30.53	Tim Birnie '93		P	30.53	Tim Birnie '93
100 back	N	1:12.38	Laura Val '97	100 back	N	1:04.94	Peter O'Keefe '95		N	1:04.94	Peter O'Keefe '95
	P	1:12.38	Laura Val '97		P	1:05.98	Andrew McPherson '95		P	1:05.98	Andrew McPherson '95
200 back	N	2:36.79	Cecilia McCloskey '97	200 back	N	2:21.01	Tod Spieker '97		N	2:21.01	Tod Spieker '97
	P	2:42.38	Laura Val '98		P	2:21.01	Tod Spieker '97		P	2:21.01	Tod Spieker '97
50 breast	N	38.12	A. Wright-Belknap '96	50 breast	N	31.83	Robert Strand '95		N	31.83	Robert Strand '95
	P	38.46	Carolyn Ferris Boak '93		P	31.83	Robert Strand '95		P	31.83	Robert Strand '95
100 breast	N	1:23.20	Deb Walker '96	100 breast	N	1:09.44	Bob Strand '95		N	1:09.44	Bob Strand '95
	P	1:23.49	Carolyn Ferris Boak '92		P	1:09.44	Bob Strand '95		P	1:09.44	Bob Strand '95
200 breast	N	3:00.27	Danielle Ogier '97	200 breast	N	2:34.41	Bob Strand '95		N	2:34.41	Bob Strand '95
	P	3:00.27	Danielle Ogier '97		P	2:34.41	Bob Strand '95		P	2:34.41	Bob Strand '95
50 fly	N	30.99	Laura Val '98	50 fly	N	27.08	Dan Thompson '93		N	27.08	Dan Thompson '93
	P	30.99	Laura Val '98		P	27.62	Dick Woodrow '89		P	27.62	Dick Woodrow '89
100 fly	N	1:08.70	Laura Val '98	100 fly	N	1:01.13	Tom Perrin '96		N	1:01.13	Tom Perrin '96
	P	1:08.70	Laura Val '98		P	1:02.12	Andrew McPherson '95		P	1:02.12	Andrew McPherson '95
200 fly	N	2:33.70	Laura Val '97	200 fly	N	2:19.73	Boo Graner Gallas '96		N	2:19.73	Boo Graner Gallas '96
	P	2:33.70	Laura Val '97		P	2:25.95	Andrew McPherson '92		P	2:25.95	Andrew McPherson '92

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1998 SEASON

<u>50-54</u>				<u>50-54</u>				<u>200 fly</u>			
50 free	N	30.48	Nancy Ridout '92	50 free	N	2:55.05	Ardeth Mueller '96	200 fly	N	2:55.05	Ardeth Mueller '96
	P	30.48	Nancy Ridout '92	100 IM	N	3:20.43	Gail Roper '86		P	3:20.43	Gail Roper '86
100 free	N	1:06.41	Ardeth Mueller '91	50 free	P	25.721:24.19	Daniel Rogatiner '97	100 IM	N	25.721:24.19	Daniel Rogatiner '97
	P	1:10.74	Nancy Ridout '92	100 free	P	25.881:28.47	Andrew McPherson '97		P	25.881:28.47	Andrew McPherson '97
200 free	N	2:28.85	Ardeth Mueller '91	200 IM	N	56.632:52.43	Keefe Ardeth Mueller '96	200 IM	N	56.632:52.43	Keefe Ardeth Mueller '96
	P	2:37.89	Nancy Ridout '92	200 free	P	57.253:15.18	Andrew McPherson '97		P	57.253:15.18	Andrew McPherson '97
400 free	N	5:12.43	Ardeth Mueller '91	400 IM	N	1:06.76:39.90	Betsy Jordan '96	400 IM	N	1:06.76:39.90	Betsy Jordan '96
	P	5:31.90	Carolyn Boak '96	400 free	P	2:06.76:09.64	Susan Munn '96		P	2:06.76:09.64	Susan Munn '96
800 free	N	11:07.78	Carolyn Boak '96	400 free	N	4:30.80	Tod Spieker '98		N	4:30.80	Tod Spieker '98
	P	11:07.78	Carolyn Boak '96	800 free	P	4:30.80	Tod Spieker '98		P	4:30.80	Tod Spieker '98
1500 free	N	21:22.26	Carolyn Boak '95	800 free	N	9:12.81	Tod Spieker '98		N	9:12.81	Tod Spieker '98
	P	21:22.26	Carolyn Boak '95	1500 free	P	9:12.81	Tod Spieker '98		P	9:12.81	Tod Spieker '98
50 back	N	36.49	Mimi Frank '97	1500 free	N	17:40.00	Tod Spieker '98		N	17:40.00	Tod Spieker '98
	P	38.34	Ruth Shaps '97	50 back	P	17:40.00	Tod Spieker '98		P	17:40.00	Tod Spieker '98
100 back	N	1:20.50	Ardeth Mueller '91	50 back	N	29.50	Hugh Wilder '97		N	29.50	Hugh Wilder '97
	P	1:26.91	Angela Konig '89	100 back	P	30.21	Tim Bernie '97		P	30.21	Tim Bernie '97
200 back	N	2:48.88	Ardeth Mueller '91	100 back	N	1:04.17	Hugh Wilder '97		N	1:04.17	Hugh Wilder '97
	P	3:04.03	Ruth Shaps '97	200 back	P	1:05.05	Tim Bernie '97		P	1:05.05	Tim Bernie '97
50 breast	N	39.24	Carolyn Boak '95	200 back	N	2:21.88	Tod Spieker '98		N	2:21.88	Tod Spieker '98
	P	39.24	Carolyn Boak '95	50 breast	P	2:21.88	Tod Spieker '98		P	2:21.88	Tod Spieker '98
100 breast	N	1:25.80	Ginger Pierson '96	50 breast	N	31.24	Don McKenzie '97		N	31.24	Don McKenzie '97
	P	1:26.78	Carolyn Boak '96	100 breast	P	31.24	Don McKenzie '97		P	31.24	Don McKenzie '97
200 breast	N	3:08.06	Ginger Pierson '96	100 breast	N	1:09.96	Robert Strand '96		N	1:09.96	Robert Strand '96
	P	3:21.80	Carolyn Boak '95	200 breast	P	1:09.96	Robert Strand '96		P	1:09.96	Robert Strand '96
50 fly	N	33.85	Diana Todd '94	200 breast	N	2:34.71	Robert Strand '96		N	2:34.71	Robert Strand '96
	P	35.26	Nancy Ridout '95	50 fly	P	2:34.71	Robert Strand '96		P	2:34.71	Robert Strand '96
100 fly	N	1:12.66	Ardeth Mueller '91	50 fly	N	27.55	Steve Borowski '98		N	27.55	Steve Borowski '98
	P	1:21.87	Nancy Ridout '92	100 fly	P	28.82	Andrew McPherson '97		P	28.82	Andrew McPherson '97
200 fly	N	2:55.91	Ardeth Mueller '95	100 fly	N	1:02.54	Boo Graner Gallas '97		N	1:02.54	Boo Graner Gallas '97
	P	3:11.83	Sperry Rademaker '89	200 fly	P	1:03.67	Andrew McPherson '97		P	1:03.67	Andrew McPherson '97
100 IM	N	1:18.05	Ardeth Mueller '91	200 fly	N	2:21.58	Boo Graner Gallas '97		N	2:21.58	Boo Graner Gallas '97
	P	1:18.30	Carolyn Boak '96	100 IM	P	2:36.01	Bob Proebsting '89		P	2:36.01	Bob Proebsting '89
200 IM	N	2:52.74	Carolyn Boak '96	100 IM	N	1:04.97	Robert Strand '96		N	1:04.97	Robert Strand '96
	P	2:52.74	Carolyn Boak '96	200 IM	P	1:04.97	Robert Strand '96		P	1:04.97	Robert Strand '96
400 IM	N	5:56.24	Ardeth Mueller '91	200 IM	N	2:25.01	Robert Strand '97		N	2:25.01	Robert Strand '97
	P	6:42.47	Sperry Rademaker '89	400 IM	P	2:25.01	Robert Strand '97		P	2:25.01	Robert Strand '97
				400 IM	N	5:16.86	Tod Spieker '98		N	5:16.86	Tod Spieker '98
					P	5:16.86	Tod Spieker '98		P	5:16.86	Tod Spieker '98

<u>55-59</u>				<u>55-59</u>			
50 free	N	30.37	Ardeth Mueller '96	50 free	N	26.60	Don Hill '89
	P	32.22	Nancy Ridout '97		P	26.60	Don Hill '89
100 free	N	1:11.53	Jackie Marr '98	100 free	N	59.49	Jack Geoghegan '97
	P	1:12.31	Nancy Ridout '97		P	1:00.08	Don Hill '89
200 free	N	2:28.30	Ardeth Mueller '96	200 free	N	2:13.20	Jack Geoghegan '97
	P	2:45.55	Nancy Ridout '97		P	2:17.07	Ed Cazalet '98
400 free	N	5:15.91	Ardeth Mueller '96	400 free	N	4:48.69	Jack Geoghegan '97
	P	5:50.68	Nancy Ridout '97		P	4:52.21	Ed Cazalet '97
800 free	N	11:29.99	Lavelle Stoinoff '89	800 free	N	10:12.58	Ed Cazalet '98
	P	12:35.10	Gail Roper '86		P	10:12.58	Ed Cazalet '98
1500 free	N	21:35.84	Lavelle Stoinoff '89	1500 free	N	19:18.99	Jack Geoghegan '97
	P	24:30.70	Charlotte Jenkins '94		P	19:44.92	Ed Cazalet '98
50 back	N	37.92	Betsy Jordan '92	50 back	N	30.94	Robert Smith '98
	P	42.72	Laverne Adams '89		P	31.83	Richard Burns '98
100 back	N	1:21.90	Betsy Jordan '92	100 back	N	1:08.34	Richard Burns '98
	P	1:31.50	Laverne Adams '89		P	1:08.34	Richard Burns '98
200 back	N	3:00.66	Betsy Jordan '92	200 back	N	2:32.73	Richard Burns '98
	P	3:19.26	Laverne Adams '89		P	2:32.73	Richard Burns '98
50 breast	N	40.69	Jayne Bruner '91	50 breast	N	33.77	Manuel Sanguily '89
	P	44.17	Gail Roper '86		P	36.29	Franz Nelson '98
100 breast	N	1:29.88	Joann Leilich '94	100 breast	N	1:16.32	Manuel Sanguily '88
	P	1:38.54	Ann Pisciotta '88		P	1:22.33	David Gildea '98
200 breast	N	3:14.71	Joann Leilich '97	200 breast	N	2:49.96	Drury Gallagher '95
	P	3:27.36	Ann Pisciotta '88		P	3:04.24	Dick Peterson '93
50 fly	N	33.66	Ardeth Mueller '97	50 fly	N	29.78	Richard Bassi '96
	P	38.04	Gail Roper '86		P	29.78	Richard Bassi '96
100 fly	N	1:18.75	Ardeth Mueller '97	100 fly	N	1:06.29	Robert Poletman '98
	P	1:31.20	Gail Roper '86		P	1:09.63	Robert Proebsting '93

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1998 SEASON

60-64				60-64100 IM	N	1:28.95	Gail Roper	'96	100 IM
					P	1:28.95	Gail Roper	'96	
50 free	N	33.07	Jayne Bruner	'97	50 free200 IM	N	17.423:18.77	Cav Chana Walker	'98 '91
	P	36.97	Ann Kay	'94		P	17.873:19.06	Don Gail Roper	'96 '96
100 free	N	1:13.50	Jayne Bruner	'96	100 free400 IM	N	102.08:07.69	Bob Baillie Roper	'95 '96
	P	1:25.22	Florence Carr	'86		P	10.1007.69	Dick Baillie Roper	'97 '96
200 free	N	2:39.92	Lavelle Stoinoff	'93	200 free	N	2:21.31	Graham Johnston	'95
	P	3:03.95	Florence Carr	'86		P	2:41.02	Emory Haworth	'97
400 free	N	5:38.06	Lavelle Stoinoff	'93	400 free	N	4:56.69	Graham Johnston	'95
	P	6:29.86	Florence Carr	'86		P	5:40.34	Emory Haworth	'97
800 free	N	11:30.55	Lavelle Stoinoff	'93	800 free	N	10:27.62	Graham Johnston	'95
	P	13:11.30	Florence Carr	'86		P	11:45.26	Emory Haworth	'97
1500 free	N	22:54.51	Lavelle Stoinoff	'94	1500 free	N	19:48.44	Graham Johnston	'95
	P	25:01.23	Florence Carr	'86		P	23:04.94	Barry Fasbender	'97
50 back	N	38.74	Betsy Jordan	'97	50 back	N	34.05	Jack Beattie	'94
	P	44.57	Ann Kay	'94		P	36.78	Richard Bennett	'92
100 back	N	1:24.16	Betsy Jordan	'97	100 back	N	1:13.55	Jack Beattie	'94
	P	1:37.58	Ann Kay	'97		P	1:24.67	Duane Draves	'88
200 back	N	3:05.27	Betsy Jordan	'97	200 back	N	2:40.75	Jack Beattie	'94
	P	3:27.03	Ann Kay	'94		P	2:57.77	Richard Bennett	'92
50 breast	N	41.74	Jayne Bruner	'96	50 breast	N	35.31	John Kortheuer	'91
	P	44.91	Ann Pisciotta	'94		P	37.34	James Krueger	'98
100 breast	N	1:34.63	Jayne Bruner	'96	100 breast	N	1:18.77	John Kortheuer	'91
	P	1:37.78	Ann Pisciotta	'92		P	1:27.55	Ed Rudloff	'85
200 breast	N	3:33.06	Lavelle Stoinoff	'95	200 breast	N	3:00.71	John Kortheuer	'91
	P	3:34.29	Ann Pisciotta	'94		P	3:12.15	Dick Peterson	'97
50 fly	N	38.30	Jayne Bruner	'95	50 fly	N	30.34	Bob Baillie	'95
	P	41.14	Gail Roper	'89		P	32.39	James Krueger	'98
100 fly	N	1:32.19	Jayne Bruner	'95	100 fly	N	1:13.79	Drury Gallagher	'98
	P	1:42.83	Ann Pisciotta	'92		P	1:19.62	Emory Haworth	'97
200 fly	N	3:32.29	June Krauser	'90	200 fly	N	2:49.56	Drury Gallagher	'98
	P	3:50.14	Ann Pisciotta	'93		P	3:09.95	Emory Haworth	'97
100 IM	N	1:26.42	Jayne Bruner	'96	100 IM	N	1:12.84	Drury Gallagher	'98
	P	1:33.97	Florence Carr	'86		P	1:20.21	Emory Haworth	'96
200 IM	N	3:14.28	Clara Walker	'90	200 IM	N	2:40.14	Drury Gallagher	'98
	P	3:25.90	Florence Carr	'86		P	2:57.68	Emory Haworth	'96
400 IM	N	6:58.97	Clara Walker	'91	400 IM	N	6:02.73	Graham Johnston	'93
	P	7:26.97	Ann Pisciotta	'92		P	6:41.30	Barry Fasbender	'97
<u>65-69</u>				<u>65-69</u>					
50 free	N	34.17	Gail Roper	'96	50 free	N	28.02	Ron Johnson	'98
	P	34.17	Gail Roper	'96		P	31.26	Ray Taft	'87
100 free	N	1:16.26	Gail Roper	'96	100 free	N	1:04.39	Ron Johnson	'98
	P	1:16.26	Gail Roper	'96		P	1:11.53	Ray Taft	'89
200 free	N	2:54.15	Gail Roper	'96	200 free	N	2:22.07	Graham Johnston	'97
	P	2:54.15	Gail Roper	'96		P	2:39.50	Ed Kerswill	'92
400 free	N	6:13.42	Clara Walker	'92	400 free	N	5:09.09	Graham Johnston	'96
	P	6:15.75	Gail Roper	'95		P	5:37.93	Ed Kerswill	'91
800 free	N	12:35.26	Clara Walker	'92	800 free	N	10:35.13	Graham Johnston	'96
	P	13:08.21	Gail Roper	'95		P	11:51.42	Ed Kerswill	'92
1500 free	N	23:38.44	Clara Walker	'92	1500 free	N	19:53.18	Graham Johnston	'96
	P	25:23.16	Gail Roper	'96		P	22:37.53	Ed Kerswill	'91
50 back	N	40.48	Doris Steadman	'89	50 back	N	33.46	Yoshi Oyakawa	'98
	P	43.32	Gail Roper	'96		P	37.53	Ray Taft	'87
100 back	N	1:30.41	Doris Steadman	'89	100 back	N	1:14.66	Yoshi Oyakawa	'98
	P	1:36.28	Gail Roper	'96		P	1:23.00	Richard Bennett	'97
200 back	N	3:15.72	Doris Steadman	'89	200 back	N	2:52.77	Roger Franks	'94
	P	3:31.35	Gail Roper	'96		P	3:05.31	Richard Bennett	'97
50 breast	N	46.57	Gail Roper	'95	50 breast	N	36.07	Manuel Sanguily	'98
	P	46.57	Gail Roper	'95		P	40.54	Norman Stupfel	'98
100 breast	N	1:41.41	Gail Roper	'95	100 breast	N	1:22.34	Manuel Sanguily	'98
	P	1:41.41	Gail Roper	'95		P	1:30.74	Ted vonBerkefeldt	'88
200 breast	N	3:41.93	Gail Roper	'95	200 breast	N	3:16.65	Charles Moss	'93
	P	3:41.93	Gail Roper	'95		P	3:22.26	Aldo da Rosa	'87
50 fly	N	38.44	Gail Roper	'95	50 fly	N	31.65	Ron Johnson	'98
	P	38.44	Gail Roper	'95		P	36.38	Luman Sutton	'92
100 fly	N	1:33.10	Gail Roper	'95	100 fly	N	1:16.70	Ron Johnson	'98
	P	1:33.10	Gail Roper	'95		P	1:33.78	Ray Taft	'89
200 fly	N	3:32.93	June Krauser	'95	200 fly	N	3:06.43	Ron Johnson	'96
	P	3:35.80	Gail Roper	'95		P	3:23.47	Aldo da Rosa	'87

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1998 SEASON

<u>70-74</u>				<u>70-74</u> 100 IM				<u>70-74</u> 200 IM				<u>70-74</u> 400 IM			
50 free	N	38.36	Florence Carr '95	N	1:58.06	Gertrude Zint '93		N	1:58.06	Gertrude Zint '93		N	1:58.06	Gertrude Zint '93	
	P	39.27	Margery Meyer '92	P	2:09.35	Jean Durston '89		P	2:09.35	Jean Durston '89		P	2:09.35	Jean Durston '89	
100 free	N	1:26.32	Jean Troy '98	N	2:59.41	Frank Piemme '95		N	2:59.41	Frank Piemme '95		N	2:59.41	Frank Piemme '95	
	P	1:29.76	Margery Meyer '92	P	3:48.45	John Hutchings '92		P	3:48.45	John Hutchings '92		P	3:48.45	John Hutchings '92	
200 free	N	3:04.77	Jean Troy '98	N	5:07.66	Frank Piemme '95		N	5:07.66	Frank Piemme '95		N	5:07.66	Frank Piemme '95	
	P	3:14.78	Margery Meyer '94	P	6:12.57	John Hutchings '92		P	6:12.57	John Hutchings '92		P	6:12.57	John Hutchings '92	
400 free	N	6:28.81	June Krauser '96	N	11:38.41	Frank Piemme '95		N	11:38.41	Frank Piemme '95		N	11:38.41	Frank Piemme '95	
	P	6:54.54	Margery Meyer '92	P	12:15.49	Ray Taft '89		P	12:15.49	Ray Taft '89		P	12:15.49	Ray Taft '89	
800 free	N	13:07.28	June Krauser '96	N	22:44.45	Frank Piemme '95		N	22:44.45	Frank Piemme '95		N	22:44.45	Frank Piemme '95	
	P	14:29.66	Margery Meyer '92	P	23:59.12	Aldo da Rosa '88		P	23:59.12	Aldo da Rosa '88		P	23:59.12	Aldo da Rosa '88	
1500 free	N	24:57.85	June Krauser '96	N	35.71	Paul Hutinger '94		N	35.71	Paul Hutinger '94		N	35.71	Paul Hutinger '94	
	P	28:28.86	Margery Meyer '93	P	38.44	Ray Taft '89		P	38.44	Ray Taft '89		P	38.44	Ray Taft '89	
50 back	N	42.58	Doris Steadman '95	N	1:21.74	Paul Hutinger '94		N	1:21.74	Paul Hutinger '94		N	1:21.74	Paul Hutinger '94	
	P	47.04	Margery Meyer '93	P	1:24.30	Ray Taft '89		P	1:24.30	Ray Taft '89		P	1:24.30	Ray Taft '89	
100 back	N	1:35.66	Doris Steadman '95	N	2:55.73	Roger Franks '98		N	2:55.73	Roger Franks '98		N	2:55.73	Roger Franks '98	
	P	1:47.31	Patsy Weiss '93	P	3:07.57	Ray Taft '89		P	3:07.57	Ray Taft '89		P	3:07.57	Ray Taft '89	
200 back	N	3:27.79	Doris Steadman '95	N	39.74	Joseph Kurtzman '96		N	39.74	Joseph Kurtzman '96		N	39.74	Joseph Kurtzman '96	
	P	3:56.14	Margery Meyer '93	P	43.01	Aldo da Rosa '90		P	43.01	Aldo da Rosa '90		P	43.01	Aldo da Rosa '90	
50 breast	N	50.95	Gertrude Zint '87	N	1:27.90	Lee Arth '97		N	1:27.90	Lee Arth '97		N	1:27.90	Lee Arth '97	
	P	55.29	Jae Howell '92	P	1:32.13	Aldo da Rosa '88		P	1:32.13	Aldo da Rosa '88		P	1:32.13	Aldo da Rosa '88	
100 breast	N	1:49.64	June Krauser '96	N	3:20.58	Al Craig '98		N	3:20.58	Al Craig '98		N	3:20.58	Al Craig '98	
	P	2:01.99	Patsy Weiss '93	P	3:24.66	Aldo da Rosa '88		P	3:24.66	Aldo da Rosa '88		P	3:24.66	Aldo da Rosa '88	
200 breast	N	3:55.99	June Krauser '96	N	34.77	Frank Piemme '95		N	34.77	Frank Piemme '95		N	34.77	Frank Piemme '95	
	P	4:30.09	Jae Howell '93	P	38.14	Ray Taft '89		P	38.14	Ray Taft '89		P	38.14	Ray Taft '89	
50 fly	N	45.17	June Krauser '96	N	1:26.98	Joseph Kurtzman '96		N	1:26.98	Joseph Kurtzman '96		N	1:26.98	Joseph Kurtzman '96	
	P	57.11	Zada Taft '89	P	1:39.52	Aldo da Rosa '89		P	1:39.52	Aldo da Rosa '89		P	1:39.52	Aldo da Rosa '89	
100 fly	N	1:40.20	June Krauser '96	N	3:26.07	Joseph Kurtzman '96		N	3:26.07	Joseph Kurtzman '96		N	3:26.07	Joseph Kurtzman '96	
	P	2:13.05	Jae Howell '93	P	3:37.63	Aldo da Rosa '88		P	3:37.63	Aldo da Rosa '88		P	3:37.63	Aldo da Rosa '88	
200 fly	N	3:38.39	June Krauser '96	N	1:20.99	Frank Piemme '95		N	1:20.99	Frank Piemme '95		N	1:20.99	Frank Piemme '95	
	P	4:40.95	Jae Howell '92	P	1:21.87	Ray Taft '89		P	1:21.87	Ray Taft '89		P	1:21.87	Ray Taft '89	
100 IM	N	1:38.73	June Krauser '96	N	3:05.96	Frank Piemme '95		N	3:05.96	Frank Piemme '95		N	3:05.96	Frank Piemme '95	
	P	1:46.54	Della Sehorn '97	P	3:08.13	Ray Taft '89		P	3:08.13	Ray Taft '89		P	3:08.13	Ray Taft '89	
200 IM	N	3:31.93	June Krauser '96	N	6:38.98	Frank Piemme '95		N	6:38.98	Frank Piemme '95		N	6:38.98	Frank Piemme '95	
	P	4:21.39	Margery Meyer '96	P	6:50.27	Ray Taft '89		P	6:50.27	Ray Taft '89		P	6:50.27	Ray Taft '89	
400 IM	N	7:24.32	June Krauser '96												
	P	9:10.29	Jae Howell '93												
<u>75-79</u>				<u>75-79</u>				<u>75-79</u>				<u>75-79</u>			
50 free	N	41.19	Dorothy Donnelly '98	50 free	N	32.78	Kelley Lemmon '88	50 free	N	32.78	Kelley Lemmon '88	50 free	N	32.78	Kelley Lemmon '88
	P	41.87	Margery Meyer '98		P	33.35	Ray Taft '95		P	33.35	Ray Taft '95		P	33.35	Ray Taft '95
100 free	N	1:33.87	Margery Meyer '98	100 free	N	1:13.47	Ray Taft '95	100 free	N	1:13.47	Ray Taft '95	100 free	N	1:13.47	Ray Taft '95
	P	1:33.87	Margery Meyer '98		P	1:13.47	Ray Taft '95		P	1:13.47	Ray Taft '95		P	1:13.47	Ray Taft '95
200 free	N	3:25.32	Margery Meyer '98	200 free	N	2:48.67	Ray Taft '94	200 free	N	2:48.67	Ray Taft '94	200 free	N	2:48.67	Ray Taft '94
	P	3:25.32	Margery Meyer '98		P	2:48.67	Ray Taft '94		P	2:48.67	Ray Taft '94		P	2:48.67	Ray Taft '94
400 free	N	7:01.36	Margery Meyer '98	400 free	N	6:02.95	Ray Taft '95	400 free	N	6:02.95	Ray Taft '95	400 free	N	6:02.95	Ray Taft '95
	P	7:01.36	Margery Meyer '98		P	6:02.95	Ray Taft '95		P	6:02.95	Ray Taft '95		P	6:02.95	Ray Taft '95
800 free	N	14:46.26	Margery Meyer '98	800 free	N	12:45.40	Ray Taft '94	800 free	N	12:45.40	Ray Taft '94	800 free	N	12:45.40	Ray Taft '94
	P	14:46.26	Margery Meyer '98		P	12:45.40	Ray Taft '94		P	12:45.40	Ray Taft '94		P	12:45.40	Ray Taft '94
1500 free	N	27:47.25	Margery Meyer '98	1500 free	N	24:46.19	Aldo da Rosa '93	1500 free	N	24:46.19	Aldo da Rosa '93	1500 free	N	24:46.19	Aldo da Rosa '93
	P	27:47.25	Margery Meyer '98		P	24:46.19	Aldo da Rosa '93		P	24:46.19	Aldo da Rosa '93		P	24:46.19	Aldo da Rosa '93
50 back	N	51.14	Bunny Cedarlund '98	50 back	N	39.83	Ray Taft '94	50 back	N	39.83	Ray Taft '94	50 back	N	39.83	Ray Taft '94
	P	51.62	Margery Meyer '98		P	39.83	Ray Taft '94		P	39.83	Ray Taft '94		P	39.83	Ray Taft '94
100 back	N	1:51.72	Bunny Cedarlund '98	100 back	N	1:27.41	Ray Taft '94	100 back	N	1:27.41	Ray Taft '94	100 back	N	1:27.41	Ray Taft '94
	P	2:03.22	Marjorie Sharpe '96		P	1:27.41	Ray Taft '94		P	1:27.41	Ray Taft '94		P	1:27.41	Ray Taft '94
200 back	N	4:01.89	Marie Wicklun '89	200 back	N	3:10.22	Ray Taft '94	200 back	N	3:10.22	Ray Taft '94	200 back	N	3:10.22	Ray Taft '94
	P	4:46.82	Sally Joy '92		P	3:10.22	Ray Taft '94		P	3:10.22	Ray Taft '94		P	3:10.22	Ray Taft '94
50 breast	N	53.94	Gertrude Zint '93	50 breast	N	42.85	Paul Krup '93	50 breast	N	42.85	Paul Krup '93	50 breast	N	42.85	Paul Krup '93
	P	58.54	Jae Howell '97		P	44.30	Aldo da Rosa '93		P	44.30	Aldo da Rosa '93		P	44.30	Aldo da Rosa '93
100 breast	N	2:02.29	Gertrude Zint '93	100 breast	N	1:37.39	Aldo da Rosa '92	100 breast	N	1:37.39	Aldo da Rosa '92	100 breast	N	1:37.39	Aldo da Rosa '92
	P	2:18.82	Sally Joy '92		P	1:37.39	Aldo da Rosa '92		P	1:37.39	Aldo da Rosa '92		P	1:37.39	Aldo da Rosa '92
200 breast	N	4:32.71	Gertrude Zint '93	200 breast	N	3:34.29	Aldo da Rosa '93	200 breast	N	3:34.29	Aldo da Rosa '93	200 breast	N	3:34.29	Aldo da Rosa '93
	P	4:53.12	Jae Howell '97		P	3:34.29	Aldo da Rosa '93		P	3:34.29	Aldo da Rosa '93		P	3:34.29	Aldo da Rosa '93
50 fly	N	55.27	Diana Silva '97	50 fly	N	38.70	Ray Taft '95	50 fly	N	38.70	Ray Taft '95	50 fly	N	38.70	Ray Taft '95
	P	1:02.11	Zada Taft '94		P	38.70	Ray Taft '95		P	38.70	Ray Taft '95		P	38.70	Ray Taft '95
100 fly	N	2:05.39	Diana Silva '97	100 fly	N	1:36.80	Paul Krup '92	100 fly	N	1:36.80	Paul Krup '92	100 fly	N	1:36.80	Paul Krup '92
	P	2:20.69	Jean Durston '89		P	1:41.10	Ray Taft '95		P	1:41.10	Ray Taft '95		P	1:41.10	Ray Taft '95
200 fly	N	4:48.50	Maxine Merlino '88	200 fly	N	3:49.00	Paul Krup '92	200 fly	N	3:49.00	Paul Krup '92	200 fly	N	3:49.00	Paul Krup '92
	P	4:58.40	Jean Durston '89		P	3:59.25	Aldo da Rosa '94		P	3:59.25	Aldo da Rosa '94		P	3:59.25	Aldo da Rosa '94

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1998 SEASON

<u>80-84</u>				<u>80-84</u>				<u>80-84</u>					
				100 IM	N	2:12.85	Jewell Cooke	'95	100 IM				
					P	3:31.90	Eddie Goldman	'97					
50 free	N	45.84	Marjorie Sharpe '97	200 IM	N	5:16.52	Wood Maxine Merlino	'93	200 IM				
	P	45.84	Marjorie Sharpe '97		P	8:57.79	Aldo da Rosa	'98					
100 free	N	1:44.57	Marjorie Sharpe '97	400 IM	N	2:06.61	Wood Maxine Merlino	'93	400 IM				
	P	1:44.57	Marjorie Sharpe '97		P	7:53.29	Joe Irvine	'95					
200 free	N	3:49.19	Marjorie Sharpe '97	200 free	N	3:10.15	Aldo da Rosa	'98					
	P	3:49.19	Marjorie Sharpe '97		P	3:10.15	Aldo da Rosa	'98					
400 free	N	7:37.84	Rita Simonton '98	400 free	N	6:55.19	Aldo da Rosa	'98					
	P	8:04.20	Marjorie Sharpe '97		P	6:55.19	Aldo da Rosa	'98					
800 free	N	15:49.21	Rita Simonton '98	800 free	N	14:49.24	Robert Johnston	'97					
	P	16:18.58	Marjorie Sharpe '97		P	17:56.23	Jim Triolo	'95					
1500 free	N	29:48.75	Rita Simonton '98	1500 free	N	26:41.69	Aldo da Rosa	'98					
	P	30:59.09	Marjorie Sharpe '97		P	26:41.69	Aldo da Rosa	'98					
50 back	N	56.42	Marjorie Sharpe '97	50 back	N	43.66	William Rowe	'97					
	P	56.42	Marjorie Sharpe '97		P	44.79	Aldo da Rosa	'98					
100 back	N	2:05.60	Marjorie Sharpe '97	100 back	N	1:36.41	Aldo da Rosa	'98					
	P	2:05.60	Marjorie Sharpe '97		P	1:36.41	Aldo da Rosa	'98					
200 back	N	4:31.01	Marjorie Sharpe '97	200 back	N	3:33.91	Edward Shea	'94					
	P	4:31.01	Marjorie Sharpe '97		P	4:25.61	Jim Triolo	'97					
50 breast	N	1:04.04	Rita Simonton '98	50 breast	N	46.80	Paul Krup	'97					
	P	1:05.97	Sally Joy '97		P	47.53	Aldo da Rosa	'98					
100 breast	N	2:19.11	Rita Simonton '98	100 breast	N	1:45.09	Aldo da Rosa	'98					
	P	2:34.21	Jean Durston '94		P	1:45.09	Aldo da Rosa	'98					
200 breast	N	4:53.59	Rita Simonton '98	200 breast	N	3:58.96	Aldo da Rosa	'98					
	P	5:36.19	Jean Durston '97		P	3:58.96	Aldo da Rosa	'98					
50 fly	N	1:03.26	Jean Durston '94	50 fly	N	45.55	Paul Krup	'98					
	P	1:03.26	Jean Durston '94		P	48.19	Aldo da Rosa	'98					
100 fly	N	2:28.34	Jean Durston '94	100 fly	N	1:50.39	Anton Cerer	'97					
	P	2:28.34	Jean Durston '94		P								
200 fly	N	5:22.65	Maxine Merlino '92	200 fly	N	4:00.64	Anton Cerer	'97					
	P	5:27.00	Jean Durston '97		P	5:17.18	William Johnston	'98					
100 IM	N	2:07.52	Maxine Merlino '92	100 IM	N	1:38.31	Aldo da Rosa	'98					
	P	2:14.29	Audrey Etienne '97		P	1:38.31	Aldo da Rosa	'98					
200 IM	N	4:45.32	Jean Durston '95	200 IM	N	3:39.84	Aldo da Rosa	'98					
	P	4:45.32	Jean Durston '95		P	3:39.84	Aldo da Rosa	'98					
400 IM	N	9:50.43	Maxine Merlino '92	400 IM	N	7:53.88	Aldo da Rosa	'98					
	P	10:09.01	Jean Durston '94		P	7:53.88	Aldo da Rosa	'98					
<u>85-89</u>				<u>85-89</u>				<u>85-89</u>					
50 free	N	51.99	Julia Dolce '95	50 free	N	43.86	Dan Dotterweich	'93					
	P	1:09.19	Ellen Tait '95		P	54.92	Joe Kaufman	'92					
100 free	N	2:05.74	Julia Dolce '95	100 free	N	1:41.46	Gus Langner	'89					
	P	2:38.34	Susan Hanson '98		P	2:13.11	Joe Kaufman	'92					
200 free	N	4:37.83	Maxine Merlino '98	200 free	N	3:48.20	Gus Langner	'89					
	P	6:01.56	Ellen Tait '95		P	4:56.14	Joe Kaufman	'91					
400 free	N	9:34.27	Maxine Merlino '98	400 free	N	7:54.24	Gus Langner	'88					
	P	12:28.71	Ellen Tait '95		P	10:10.03	Joe Kaufman	'92					
800 free	N	22:22.74	Julia Dolce '95	800 free	N	16:53.90	Gus Langner	'88					
	P				P								
1500 free	N	37:28.53	Maxine Merlino '98	1500 free	N	32:20.20	Gus Langner	'88					
	P				P								
50 back	N	1:12.75	Jewel Cooke '96	50 back	N	53.36	Dave Malbrough	'98					
	P	1:21.29	Eddie Goldman '97		P	1:11.83	Joe Kaufman	'93					
100 back	N	2:45.89	Jewel Cooke '96	100 back	N	2:00.81	Dave Malbrough	'98					
	P	2:52.59	Eddie Goldman '95		P	2:32.19	Joe Kaufman	'90					
200 back	N	5:13.33	Maxine Merlino '98	200 back	N	4:44.23	Dave Malbrough	'98					
	P				P	5:21.74	Joe Kaufman	'93					
50 breast	N	1:09.77	Marti Gogniat '95	50 breast	N	58.39	Jim Penfield	'93					
	P	1:53.32	Eddie Goldman '98		P	1:40.77	Roy Erlandson	'98					
100 breast	N	2:38.48	Marti Gogniat '95	100 breast	N	2:09.33	Dan Dotterweich	'93					
	P	3:30.80	Eddie Goldman '95		P								
200 breast	N	5:59.36	Marti Gogniat '97	200 breast	N	5:17.90	Dan Dotterweich	'96					
	P				P								
50 fly	N	1:24.22	Jewel Cooke '96	50 fly	N	1:04.75	Jim Penfield	'93					
	P				P								
100 fly	N	3:20.81	Jewel Cooke '96	100 fly	N								
	P	4:21.96	Eddie Goldman '97		P								
200 fly	N	6:01.46	Maxine Merlino '98	200 fly	N	8:26.16	Roy Bodine	'97					
	P				P								

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1998 SEASON

90-94

50 free	N	1:36.77	Anna Bauscher	'93
	P			
100 free	N	3:24.13	Anna Bauscher	'93
	P			
200 free	N	7:01.11	Anna Bauscher	'93
	P			
400 free	N	14:16.35	Anna Bauscher	'93
	P			
800 free	N	28:45.45	Anna Bauscher	'93
	P			
1500 free	N			
	P			
50 back	N			
	P			
100 back	N			
	P			
200 back	N			
	P			
50 breast	N			
	P			
100 breast	N			
	P			
200 breast	N			
	P			
50 fly	N			
	P			
100 fly	N			
	P			
100 IM	N			
	P			

90-94

50 free	N	50.09	Gus Langner	'93
	P	59.79	Joe Kaufman	'95
100 free	N	1:58.42	Gus Langner	'93
	P	2:27.94	Joe Kaufman	'96
200 free	N	4:27.70	Gus Langner	'93
	P	5:39.30	Joe Kaufman	'96
400 free	N	8:50.65	Gus Langner	'93
	P			
800 free	N	23:32.20	Gus Langner	'98
	P			
1500 free	N	44:48.99	Gus Langner	'96
	P			
50 back	N	1:07.88	Jim Penfield	'98
	P	1:16.69	Joe Kaufman	'96
100 back	N	2:40.88	Joe Kaufman	'95
	P	2:40.88	Joe Kaufman	'95
200 back	N	5:44.64	Joe Kaufman	'96
	P	5:44.64	Joe Kaufman	'96
50 breast	N	1:07.22	Jim Penfield	'98
	P			
100 breast	N	2:45.20	Jim Penfield	'98
	P			
200 breast	N	6:41.56	Gus Langner	'94
	P			
50 fly	N	1:29.42	Jim Penfield	'98
	P			
100 fly	N			
	P			
100 IM	N	3:00.53	Gus Langner	'94
	P			

95-99

50 free	N			
	P			
100 free	N			
	P			
200 free	N			
	P			
400 free	N			
	P			
800 free	N			
	P			
1500 free	N			
	P			
50 back	N			
	P			
100 back	N			
	P			
200 back	N			
	P			
50 breast	N			
	P			
100 breast	N			
	P			
200 breast	N			
	P			
50 fly	N			
	P			
100 IM	N			
	P			

50 free	N	57.57	Gus Langner	'98
	P			
100 free	N	2:19.51	Gus Langner	'98
	P			
200 free	N	5:13.46	Gus Langner	'98
	P			
400 free	N	10:51.93	Gus Langner	'98
	P			
800 free	N	22:05.55	Gus Langner	'98
	P			
1500 free	N	41:29.87	Gus Langner	'98
	P			
50 back	N	1:27.67	Gus Langner	'98
	P			
100 back	N	3:38.07	Gus Langner	'98
	P			
200 back	N	8:32.34	Gus Langner	'98
	P			
50 breast	N	1:31.60	Gus Langner	'98
	P			
100 breast	N	3:35.33	Gus Langner	'98
	P			
200 breast	N			
	P			
50 fly	N			
	P			
100 IM	N	3:33.78	Gus Langner	'98
	P			

100-104

50 free	N			
100 free	N			
50 back	N			
	N	2:02.52	Tom Lane	'95

100-104

50 free	N	2:06.66	Tom Lane	'95
100 free	N	4:32.29	Tom Lane	'95