

## USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1997 SEASON

<u>19-24</u>				<u>WOMEN</u>				<u>19-24</u>				<u>MEN</u>			
50 free	N	27.44	Jamie Raab '94	50 free	N	23.36	Ed Wagner '95								
	P	27.44	Jamie Raab '94		P	23.57	Aaron Bartleson '95								
100 free	N	1:00.14	Michelle Chow '93	100 free	N	52.64	Ed Wagner '95								
	P	1:01.01	Jamie Raab '94		P	53.26	Brad Winsor '95								
200 free	N	2:14.39	Tate Birnie '95	200 free	N	1:54.23	Brad Winsor '95								
	P	2:14.39	Tate Birnie '95		P	1:54.23	Brad Winsor '95								
400 free	N	4:43.50	Lisa Dial '92	400 free	N	4:03.45	Brad Winsor '95								
	P	4:43.50	Lisa Dial '92		P	4:03.45	Brad Winsor '95								
800 free	N	9:49.66	Laura Antonietta '94	800 free	N	8:35.83	Brad Winsor '95								
	P	10:17.13	Elly Thunen-French '94		P	8:35.83	Brad Winsor '95								
1500 free	N	18:54.01	Kristin Henson '90	1500 free	N	16:15.25	Jeff Poppell '93								
	P	20:51.22	Debbie Bryant '86		P	16:18.65	Brad Winsor '95								
50 back	N	30.86	Kym Hucal '94	50 back	N	27.48	Aaron Bartleson '95								
	P	32.77	Joanne Millard '94		P	27.48	Aaron Bartleson '95								
100 back	N	1:08.94	Tate Birnie '95	100 back	N	1:00.28	Aaron Bartleson '95								
	P	1:08.94	Tate Birnie '95		P	1:00.28	Aaron Bartleson '95								
200 back	N	2:22.61	N. Wunderlich '95	200 back	N	2:08.81	Sergey Mariniuk '93								
	P	2:24.56	Tate Birnie '95		P	2:08.81	Sergey Mariniuk '93								
50 breast	N	32.09	Beata Kaszuba '95	50 breast	N	29.76	Aaron Bartleson '95								
	P	36.99	Sharon Scott '95		P	29.76	Aaron Bartleson '95								
100 breast	N	1:08.89	Beata Kaszuba '95	100 breast	N	1:05.52	Todd Radel '96								
	P	1:17.13	Karrie Jones '89		P	1:06.74	Sergey Mariniuk '93								
200 breast	N	2:44.74	Louise Keogh '93	200 breast	N	2:22.78	Todd Radel '96								
	P	2:56.42	Christine Schultz '95		P	2:25.50	Sergey Mariniuk '93								
50 fly	N	28.84	Jamie Raab '94	50 fly	N	26.24	Jeff Feltzer '95								
	P	28.84	Jamie Raab '94		P	26.73	Aaron Bartleson '95								
100 fly	N	1:05.38	Jamie Raab '94	100 fly	N	57.54	Jeff Poppell '93								
	P	1:05.38	Jamie Raab '94		P	58.81	Greg Mackem '91								
200 fly	N	2:32.94	Cassie Campbell '95	200 fly	N	2:07.64	Jeff Poppell '93								
	P	2:45.15	Donna Buckendahl '86		P	2:15.52	Sergey Mariniuk '93								
100 IM	N	1:05.34	Beata Kaszuba '95	100 IM	N	59.18	Aaron Bartleson '95								
	P	1:11.85	Tate Birnie '95		P	59.18	Aaron Bartleson '95								
200 IM	N	2:30.37	N. Wunderlich '95	200 IM	N	2:08.88	Sergey Mariniuk '93								
	P	2:32.66	Laura O'Heir '86		P	2:08.88	Sergey Mariniuk '93								
400 IM	N	5:12.14	N. Wunderlich '95	400 IM	N	4:28.54	Sergey Mariniuk '93								
	P	5:21.53	Lisa Dial '92		P	4:28.54	Sergey Mariniuk '93								
<u>25-29</u>				<u>25-29</u>				<u>25-29</u>							
50 free	N	26.64	Dyne Burrell '96	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	4:07.81	Rob Mackle '92								
	P	4:39.87	Laurel Hill '96		P	4:21.38	Stephen Stahl '94								
800 free	N	8:51.18	Sheila Taormina '96	800 free	N	8:25.06	Jason Nielson '96								
	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	16:23.21	Rob Mackle '92								
	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	1:09.30	Sharon Scott '96		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	25.61	Neil Williams '94								
	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								
	P	1:10.41	Sharon Scott '96		P	58.68	John Keppeler '95								
200 IM	N	2:24.07	Diane Graner '89	200 IM	N	2:05.93	John Keppeler '95								
	P	2:32.35	Martie McKinney '92		P	2:05.93	John Keppeler '95								
400 IM	N	5:12.72	Laureen Wetting '95	400 IM	N	4:26.79	John Keppeler '95								
	P	5:32.53	Christine Chichester '92		P	4:26.79	John Keppeler '95								
<u>30-34</u>				<u>30-34</u>				<u>30-34</u>							

## USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1997 SEASON

50 free	N	26.46	Anna P. Scott	'93	50 free	N	23.59	Robert Killeen	'93
	P	26.46	Anna P. Scott	'93		P	24.11	Bryan Baldwin	'94
100 free	N	57.35	Sandy Neilson	'88	100 free	N	51.86	James Montgomery	'89
	P	1:04.88	Betsy Henry	'90		P	54.13	James Griffith	'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 <sup>94</sup>			P	2:18.45	Cameron Reid	'93
50 breast	N	34.71	Karlyn Pipes-Neilsen	'96	50 breast	N	29.21	Dean Rutterman	'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	2:24.86	David Guthrie	'94
	P	2:53.24	Gayle Benty	'86		P	2:33.27	Andrew Brenan	'94
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 <sup>94</sup>			P	2:20.13	Chris Ehmke	'94
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

### 35-39

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	53.52	Bruce Stahl	'94
	P	1:00.29	Sandy Neilson-Bell	'92		P	55.24	Kirk Koslowski	'93
200 free	N	2:07.58	Sandy Neilson-Bell	'95	200 free	N	1:57.31	L.J. Meisenheimer	'94
	P	2:14.26	Laura Val	'91		P	2:00.65	Mike Keck	'95
400 free	N	4:33.17	Beth Knight	'94	400 free	N	4:15.96	Mike Keck	'96
	P	4:54.94	Nancy Rose	'96		P	4:15.96	Mike Keck	'96
800 free	N	9:24.81	Beth Knight	'94	800 free	N	8:53.34	Mike Keck	'95
	P	9:42.93	Suzanne Heim	'96		P	8:53.34	Mike Keck	'95
1500 free	N	17:43.10	Beth Knight	'94	1500 free	N	17:25.79	Rob Copeland	'91
	P	18:27.71	Laura Val	'87		P	17:25.80	Mike Keck	'95
50 back	N	32.50	Laura Val	'91	50 back	N	26.84	Clay Britt	'96
	P	32.50	Laura Val	'91		P	30.10	Tim Birnie	'85
100 back	N	1:12.14	Laura Val	'91	100 back	N	58.25	Clay Britt	'96
	P	1:12.14	Laura Val	'91		P	1:02.61	Mike Keck	'95
200 back	N	2:31.78	Katherine Branch	'94	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	30.77	Benn Doyle	'96
	P	37.57	Maureen Mendoza	'96		P	33.14	Mike Keck	'94
100 breast	N	1:16.70	Leslie Osborne	'89	100 breast	N	1:07.25	Ron Schaffer	'96
	P	1:21.80	Cokie Lepinski	'94		P	1:08.40	Stuart Corliss	'92
200 breast	N	2:50.93	Leslie Osborne	'89	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	30.05	Laura Val	'91	50 fly	N	25.89	William Specht	'93
	P	30.05	Laura Val	'91		P	27.50	Sandy MacDonald	'92
100 fly	N	1:07.28	Maria Velikonja	'93	100 fly	N	57.02	William Specht	'93
	P	1:07.42	Laura Val	'91		P	1:00.32	Kerry O'Brien	'95
200 fly	N	2:28.96	Laura Val	'91	200 fly	N	2:06.48	William Specht	'94
	P	2:28.96	Laura Val	'91		P	2:14.64	Sandy MacDonald	'92
100 IM	N	1:08.15	Sandy Neilson-Bell	'92	100 IM	N	1:00.79	Richard Hess	'92
	P	1:11.81	Laura Val	'91		P	1:04.11	Staurt Corliss	'92
200 IM	N	2:29.95	Sandy Neilson-Bell	'95	200 IM	N	2:14.75	Matt Clark	'94
	P	2:31.39	Sandy Neilson-Bell	'92		P	2:19.09	Mike Keck	'96
400 IM	N	5:23.30	Beth Knight	'94	400 IM	N	4:45.60	Mike Keck	'95
	P	5:42.48	Nancy Rose	'96		P	4:45.60	Mike Keck	'95

### 40-44

50 free	N	26.66	Sandy Neilson-Bell	'96	50 free	N	24.45	Rick Abbott	'95
	P	27.74	Laura Val	'95		P	25.25	Eric Van Boer	'96

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100 free	N	59.83	Sandy Neilson-Bell	'96	100 free	N	53.25	Rick Abbott	'95
	P	1:00.68	Laura Val	'93		P	56.66	Spencer Eldred	'96
200 free	N	2:14.14	Laura Val	'95	200 free	N	1:57.83	Hess Yntema	'95
	P	2:14.14	Laura Val	'95		P	1:59.27	Tim Broderick	'92
400 free	N	4:42.94	Laura Val	'95	400 free	N	4:09.31	Hess Yntema	'95
	P	4:42.94	Laura Val	'95		P	4:35.25	Howard Coye	'95
800 free	N	10:03.82	Danielle Ogier	'96	800 free	N	8:49.83	Hess Yntema	'95
	P	10:03.82	Danielle Ogier	'96		P	9:11.61	Sandy MacDonald	'96
1500 free	N	19:00.81	Barbara Dunbar	'90	1500 free	N	16:51.71	Hess Yntema	'95
	P	19:27.80	Danielle Ogier	'93		P	17:38.17	Dave Gray	'86
50 back	N	31.55	Laura Val	'93	50 back	N	28.88	Clay Evans	'94
	P	31.55	Laura Val	'93		P	29.58	Tim Birnie	'86
100 back	N	1:10.45	Laura Val	'95	100 back	N	1:03.16	Clay Evans	'95
	P	1:10.45	Laura Val	'95		P	1:05.15	Tod Spieker	'89
200 back	N	2:34.04	Laura Val	'95	200 back	N	2:17.87	Paul Windrath	'94
	P	2:34.04	Laura Val	'95		P	2:22.17	Tod Spieker	'89
50 breast	N	37.21	Lisa Bennett	'96	50 breast	N	30.80	Chet Miltenberger	'93
	P	37.79	Gayle Benty	'92		P	31.59	Spencer Eldred	'96
100 breast	N	1:21.44	Judy Tibma	'96	100 breast	N	1:07.98	Chet Miltenberger	'93
	P	1:22.19	Gayle Benty	'92		P	1:08.32	Spencer Eldred	'96
200 breast	N	2:54.12	Gayle Benty	'92	200 breast	N	2:30.67	Spencer Eldred	'96
	P	2:54.12	Gayle Benty	'92		P	2:30.67	Spencer Eldred	'96
50 fly	N	30.17	Laura Val	'95	50 fly	N	26.35	Rick Abbott	'95
	P	30.17	Laura Val	'95		P	27.56	Dick Thomas	'89
100 fly	N	1:06.86	Laura Val	'93	100 fly	N	58.87	Hess Yntema	'95
	P	1:06.86	Laura Val	'93		P	1:01.53	Sandy MacDonald	'96
200 fly	N	2:29.19	Laura Val	'93	200 fly	N	2:09.09	Hess Yntema	'95
	P	2:29.19	Laura Val	'93		P	2:31.10	Charles Yourd	'96
100 IM	N	1:11.65	Laura Val	'92	100 IM	N	1:02.30	Ric Cooley	'89
	P	1:11.65	Laura Val	'92		P	1:02.83	Spencer Eldred	'96
200 IM	N	2:33.89	Laura Val	'92	200 IM	N	2:15.07	Spencer Eldred	'96
	P	2:33.89	Laura Val	'92		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
	P	5:32.53	Laura Val	'92		P	5:19.20	John Sultan	'86

### 45-49

50 free	N	30.05	Nancy Ridout	'89
	P	30.05	Nancy Ridout	'89
100 free	N	1:06.25	Nancy Fisher	'96
	P	1:07.90	Nancy Ridout	'89
200 free	N	2:22.24	Barbara Dunbar	'94
	P	2:26.98	Celeste Miller	'95
400 free	N	4:56.49	Barbara Dunbar	'94
	P	5:03.87	Celeste Miller	'96
800 free	N	10:09.82	Barbara Dunbar	'96
	P	10:23.31	Celeste Miller	'96
1500 free	N	19:14.97	Barbara Dunbar	'96
	P	20:14.20	Celeste Miller	'95
50 back	N	34.71	Cecelia McCloskey	'96
	P	37.66	Regina Brittingham	'96
100 back	N	1:12.89	Cecelia McCloskey	'96
	P	1:21.78	Marianne Brems	'94
200 back	N	2:40.54	Nancy Fisher	'96
	P	2:53.75	Marianne Brems	'94
50 breast	N	38.12	A. Wright-Belknap	'96
	P	38.46	Carolyn Ferris Boak	'93
100 breast	N	1:23.20	Deb Walker	'96
	P	1:23.49	Carolyn Ferris Boak	'92
200 breast	N	3:03.73	Ginger Pierson	'95
	P	3:07.03	Susan Roy	'93
50 fly	N	32.30	Regina Brittingham	'96
	P	32.30	Regina Brittingham	'96
100 fly	N	1:12.53	Barbara Dunbar	'94
	P	1:18.79	Nancy Ridout	'89
200 fly	N	2:37.88	Ardeth Mueller	'87
	P	3:11.36	Regina Brittingham	'96
100 IM	N	1:14.41	Ardeth Mueller	'87
	P	1:17.06	Carolyn Ferris Boak	'93
200 IM	N	2:42.88	Ardeth Mueller	'87
	P	2:49.23	Celeste Miller	'96
400 IM	N	5:50.45	Barbara Dunbar	'95
	P	6:00.40	Carolyn Ferris Boak	'92

### 50-54

50 free	N	30.48	Nancy Ridout	'92
	P	30.48	Nancy Ridout	'92
100 free	N	1:06.41	Ardeth Mueller	'91
	P	1:10.74	Nancy Ridout	'92

### 45-49

50 free	N	25.07	Rich Abrahams	'91
	P	25.10	Andrew McPherson	'92
100 free	N	55.87	Tim Broderick	'96
	P	55.87	Tim Broderick	'96
200 free	N	2:00.13	Tim Broderick	'96
	P	2:00.13	Tim Broderick	'96
400 free	N	4:18.44	Tim Broderick	'96
	P	4:18.44	Tim Broderick	'96
800 free	N	8:56.08	Tim Broderick	'96
	P	8:56.08	Tim Broderick	'96
1500 free	N	17:19.87	Tim Broderick	'96
	P	17:19.87	Tim Broderick	'96
50 back	N	29.33	Robert Smith	'89
	P	30.53	Tim Birnie	'93
100 back	N	1:04.94	Peter O'Keefe	'95
	P	1:05.98	Andrew McPherson	'95
200 back	N	2:21.50	Tod Spieker	'96
	P	2:21.50	Tod Spieker	'96
50 breast	N	31.83	Robert Strand	'95
	P	31.83	Robert Strand	'95
100 breast	N	1:09.44	Bob Strand	'95
	P	1:09.44	Bob Strand	'95
200 breast	N	2:34.41	Bob Strand	'95
	P	2:34.41	Bob Strand	'95
50 fly	N	27.08	Dan Thompson	'93
	P	27.62	Dick Woodrow	'89
100 fly	N	1:01.13	Tom Perrin	'96
	P	1:02.12	Andrew McPherson	'95
200 fly	N	2:19.73	Boo Graner Gallas	'96
	P	2:25.95	Andrew McPherson	'92
100 IM	N	1:04.80	Andrew McPherson	'94
	P	1:04.80	Andrew McPherson	'94
200 IM	N	2:23.69	Steven Heck	'94
	P	2:24.31	Andrew McPherson	'94
400 IM	N	5:12.46	Tod Spieker	'96
	P	5:12.46	Tod Spieker	'96

### 50-54

50 free	N	25.74	Keefe Lodwig	'96
	P	26.35	Keefe Lodwig	'94
100 free	N	56.63	Keefe Lodwig	'96
	P	57.68	Tim Birnie	'96

## USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1997 SEASON

200 free	N	2:28.85	Ardeth Mueller	'91	200 free	N	2:06.76	Tim Birnie	'96
	P	2:37.89	Nancy Ridout	'92		P	2:06.76	Tim Birnie	'96
400 free	N	5:12.43	Ardeth Mueller	'91	400 free	N	4:40.16	Ed Cazalet	'92
	P	5:31.90	Carolyn Boak	'96		P	4:40.16	Ed Cazalet	'92
800 free	N	11:07.78	Carolyn Boak	'96	800 free	N	9:49.95	Ed Cazalet	'92
	P	11:07.78	Carolyn Boak	'96		P	9:49.95	Ed Cazalet	'92
1500 free	N	21:22.26	Carolyn Boak	'95	1500 free	N	18:45.18	Richard Boyd	'94
	P	21:22.26	Carolyn Boak	'95		P	19:11.60	Ed Cazalet	'95
50 back	N	37.59	Betsy Jordan	'91	50 back	N	30.14	Robert Smith	'94
	P	40.98	Nancy Ridout	'93		P	30.54	Tim Birnie	'96
100 back	N	1:20.50	Ardeth Mueller	'91	100 back	N	1:05.77	Tim Birnie	'96
	P	1:26.91	Angela Konig	'89		P	1:05.77	Tim Birnie	'96
200 back	N	2:48.88	Ardeth Mueller	'91	200 back	N	2:24.39	Tim Birnie	'96
	P	3:10.19	Angela Konig	'89		P	2:24.39	Tim Birnie	'96
50 breast	N	39.24	Carolyn Boak	'95	50 breast	N	32.01	Robert Strand	'96
	P	39.24	Carolyn Boak	'95		P	32.01	Robert Strand	'96
100 breast	N	1:25.80	Ginger Pierson	'96	100 breast	N	1:09.96	Robert Strand	'96
	P	1:26.78	Carolyn Boak	'96		P	1:09.96	Robert Strand	'96
200 breast	N	3:08.06	Ginger Pierson	'96	200 breast	N	2:34.71	Robert Strand	'96
	P	3:21.80	Carolyn Boak	'95		P	2:34.71	Robert Strand	'96
50 fly	N	33.85	Diana Todd	'94	50 fly	N	28.38	Keefe Lodwig	'96
	P	35.26	Nancy Ridout	'95		P	29.16	Keefe Lodwig	'94
100 fly	N	1:12.66	Ardeth Mueller	'91	100 fly	N	1:03.76	Joel Burns	'96
	P	1:21.87	Nancy Ridout	'92		P	1:06.66	Bob Proebsting	'89
200 fly	N	2:55.91	Ardeth Mueller	'95	200 fly	N	2:32.98	Joel Burns	'96
	P	3:11.83	Sperry Rademaker	'89		P	2:36.01	Bob Proebsting	'89
100 IM	N	1:18.05	Ardeth Mueller	'91	100 IM	N	1:04.97	Robert Strand	'96
	P	1:18.30	Carolyn Boak	'96		P	1:04.97	Robert Strand	'96
200 IM	N	2:52.74	Carolyn Boak	'96	200 IM	N	2:26.64	John Calvert	'96
	P	2:52.74	Carolyn Boak	'96		P	2:32.50	Ed Cazalet	'92
400 IM	N	5:56.24	Ardeth Mueller	'91	400 IM	N	5:20.81	Drury Gallagher	'89
	P	6:42.47	Sperry Rademaker	'89		P	5:24.09	Ed Cazalet	'92

### 55-59

50 free	N	30.37	Ardeth Mueller	'96
	P	34.80	Charlotte Jenkins	'95
100 free	N	1:11.63	Jayne Bruner	'89
	P	1:18.66	Ann Kay	'89
200 free	N	2:28.30	Ardeth Mueller	'96
	P	2:52.33	Susan Munn	'94
400 free	N	5:15.91	Ardeth Mueller	'96
	P	6:05.60	Susan Munn	'94
800 free	N	11:29.99	Lavelle Stoinoff	'89
	P	12:35.10	Gail Roper	'86
1500 free	N	21:35.84	Lavelle Stoinoff	'89
	P	24:30.70	Charlotte Jenkins	'94
50 back	N	37.92	Betsy Jordan	'92
	P	42.72	Laverne Adams	'89
100 back	N	1:21.90	Betsy Jordan	'92
	P	1:31.50	Laverne Adams	'89
200 back	N	3:00.66	Betsy Jordan	'92
	P	3:19.26	Laverne Adams	'89
50 breast	N	40.69	Jayne Bruner	'91
	P	44.17	Gail Roper	'86
100 breast	N	1:29.88	Joann Leilich	'94
	P	1:38.54	Ann Pisciotta	'88
200 breast	N	3:16.58	Joann Leilich	'94
	P	3:27.36	Ann Pisciotta	'88
50 fly	N	34.33	Ardeth Mueller	'96
	P	38.04	Gail Roper	'86
100 fly	N	1:21.52	Ardeth Mueller	'96
	P	1:31.20	Gail Roper	'86
200 fly	N	2:55.05	Ardeth Mueller	'96
	P	3:20.43	Gail Roper	'86
100 IM	N	1:24.19	Jayne Bruner	'89
	P	1:28.47	Gail Roper	'86
200 IM	N	3:05.53	Betsy Jordan	'92
	P	3:15.18	Gail Roper	'86
400 IM	N	6:39.90	Betsy Jordan	'92
	P	7:09.64	Susan Munn	'94

### 60-64

50 free	N	33.07	Jayne Bruner	'95
	P	37.86	Ann Kay	'94
100 free	N	1:13.50	Jayne Bruner	'96
	P	1:25.22	Florence Carr	'86

### 55-59

50 free	N	26.60	Don Hill	'89
	P	26.60	Don Hill	'89
100 free	N	1:00.08	Don Hill	'89
	P	1:00.08	Don Hill	'89
200 free	N	2:18.87	William Van Horn	'95
	P	2:18.87	William Van Horn	'95
400 free	N	4:54.09	Drury Gallagher	'95
	P	5:39.62	Barry Fasbender	'92
800 free	N	10:12.80	Drury Gallagher	'95
	P	10:23.62	William Van Horn	'95
1500 free	N	19:45.72	David Harrison	'94
	P	21:31.04	Bill Steuart	'93
50 back	N	32.69	Yoshi Oyakawa	'89
	P	33.64	Richard Bassi	'96
100 back	N	1:11.04	Steve Thrasher	'96
	P	1:15.12	Richard Bassi	'96
200 back	N	2:37.05	Steve Thrasher	'96
	P	2:47.34	Richard Bassi	'96
50 breast	N	33.77	Manuel Sanguily	'89
	P	38.07	Seymour Boorstein	'88
100 breast	N	1:16.32	Manuel Sanguily	'88
	P	1:24.31	Dick Peterson	'93
200 breast	N	2:49.96	Drury Gallagher	'95
	P	3:04.24	Dick Peterson	'93
50 fly	N	29.78	Richard Bassi	'96
	P	29.78	Richard Bassi	'96
100 fly	N	1:09.63	Robert Proebsting	'93
	P	1:09.63	Robert Proebsting	'93
200 fly	N	2:42.05	Robert Proebsting	'93
	P	2:42.05	Robert Proebsting	'93
100 IM	N	1:11.04	Drury Gallagher	'95
	P	1:12.52	Richard Bassi	'96
200 IM	N	2:40.88	Dave Costill	'91
	P	2:46.82	Murray McLaughlin	'96
400 IM	N	5:30.62	Drury Gallagher	'95
	P	6:03.20	Murray McLaughlin	'96

### 60-64

50 free	N	27.87	Don Hill	'96
	P	27.87	Don Hill	'96
100 free	N	1:02.08	Bob Bailie	'95
	P	1:10.30	Richard Bennett	'92

## USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1997 SEASON

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	2:44.11	Emory Haworth	'96
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	5:51.80	Emory Haworth	'96
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	11:48.07	Emory Haworth	'96
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	23:34.32	Mike Milliman	'94
50 back	N	39.60	Clara Walker	'89	50 back	N	34.05	Jack Beattie	'94
	P	44.57	Ann Kay	'94		P	36.78	Richard Bennett	'92
100 back	N	1:29.13	Clara Walker	'89	100 back	N	1:13.55	Jack Beattie	'94
	P	1:37.73	Ann Kay	'94		P	1:24.67	Duane Draves	'88
200 back	N	3:10.79	Lavelle Stoinoff	'95	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	38.39	Stan Morner	'95
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	3:12.96	Tak Iseri	'92
50 fly	N	38.30	Jayne Bruner	'95	50 fly	N	30.34	Bob Bailie	'95
	P	41.14	Gail Roper	'89		P	33.63	Luman Sutton	'86
100 fly	N	1:32.19	Jayne Bruner	'95	100 fly	N	1:15.69	John Kortheuer	'91
	P	1:42.83	Ann Pisciotta	'92		P	1:25.35	Stan Morner	'95
200 fly	N	3:32.29	June Krauser	'90	200 fly	N	3:00.48	Harry Hunsicker	'93
	P	3:50.14	Ann Pisciotta	'93		P	3:21.97	Ed Rudloff	'85
100 IM	N	1:26.42	Jayne Bruner	'96	100 IM	N	1:14.68	John Kortheuer	'91
	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	2:46.69	Graham Johnston	'91
	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	6:45.27	Duane Draves	'88

### 65-69

50 free	N	34.17	Gail Roper	'96
	P	34.17	Gail Roper	'96
100 free	N	1:16.26	Gail Roper	'96
	P	1:16.26	Gail Roper	'96
200 free	N	2:54.15	Gail Roper	'96
	P	2:54.15	Gail Roper	'96
400 free	N	6:13.42	Clara Walker	'92
	P	6:15.75	Gail Roper	'95
800 free	N	12:35.26	Clara Walker	'92
	P	13:08.21	Gail Roper	'95
1500 free	N	23:38.44	Clara Walker	'92
	P	25:23.16	Gail Roper	'96
50 back	N	40.48	Doris Steadman	'89
	P	43.32	Gail Roper	'96
100 back	N	1:30.41	Doris Steadman	'89
	P	1:36.28	Gail Roper	'96
200 back	N	3:15.72	Doris Steadman	'89
	P	3:31.35	Gail Roper	'96
50 breast	N	46.57	Gail Roper	'95
	P	46.57	Gail Roper	'95
100 breast	N	1:41.41	Gail Roper	'95
	P	1:41.41	Gail Roper	'95
200 breast	N	3:41.93	Gail Roper	'95
	P	3:41.93	Gail Roper	'95
50 fly	N	38.44	Gail Roper	'95
	P	38.44	Gail Roper	'95
100 fly	N	1:33.10	Gail Roper	'95
	P	1:33.10	Gail Roper	'95
200 fly	N	3:32.93	June Krauser	'95
	P	3:35.80	Gail Roper	'95
100 IM	N	1:28.95	Gail Roper	'96
	P	1:28.95	Gail Roper	'96
200 IM	N	3:18.77	Clara Walker	'91
	P	3:19.06	Gail Roper	'96
400 IM	N	7:07.69	Gail Roper	'96
	P	7:07.69	Gail Roper	'96

### 70-74

50 free	N	38.36	Florence Carr	'95
	P	39.27	Margery Meyer	'92
100 free	N	1:26.55	June Krauser	'96
	P	1:29.76	Margery Meyer	'92
200 free	N	3:07.16	June Krauser	'96
	P	3:14.78	Margery Meyer	'94

### 65-69

50 free	N	29.34	Ron Johnson	'96
	P	31.26	Ray Taft	'87
100 free	N	1:07.13	Frank Piemme	'90
	P	1:11.53	Ray Taft	'89
200 free	N	2:30.15	William Phillips	'95
	P	2:39.50	Ed Kerwill	'92
400 free	N	5:09.09	Graham Johnston	'96
	P	5:37.93	Ed Kerwill	'91
800 free	N	10:35.13	Graham Johnston	'96
	P	11:51.42	Ed Kerwill	'92
1500 free	N	19:53.18	Graham Johnston	'96
	P	22:37.53	Ed Kerwill	'91
50 back	N	35.06	Ron Johnson	'96
	P	37.53	Ray Taft	'87
100 back	N	1:19.07	Roger Franks	'94
	P	1:24.81	Ray Taft	'87
200 back	N	2:52.77	Roger Franks	'94
	P	3:07.65	Ray Taft	'86
50 breast	N	38.18	Joseph Kurtzman	'91
	P	40.99	Aldo da Rosa	'86
100 breast	N	1:24.18	John Kortheuer	'96
	P	1:30.74	Ted vonBerkefeldt	'88
200 breast	N	3:16.65	Charles Moss	'93
	P	3:22.26	Aldo da Rosa	'87
50 fly	N	31.87	Ron Johnson	'96
	P	36.38	Luman Sutton	'92
100 fly	N	1:19.17	Ron Johnson	'96
	P	1:33.78	Ray Taft	'89
200 fly	N	3:06.43	Ron Johnson	'96
	P	3:23.47	Aldo da Rosa	'87
100 IM	N	1:15.61	Ron Johnson	'96
	P	1:20.20	Ray Taft	'86
200 IM	N	2:53.99	Ron Johnson	'96
	P	3:05.38	Ray Taft	'85
400 IM	N	6:04.40	Graham Johnston	'96
	P	6:46.37	Ray Taft	'87

### 70-74

50 free	N	30.59	Frank Piemme	'95
	P	32.52	John Richards	'92
100 free	N	1:09.00	Frank Piemme	'95
	P	1:12.57	John Richards	'92
200 free	N	2:37.86	Frank Piemme	'95
	P	2:46.86	Ray Taft	'89

## USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1997 SEASON

400 free	N	6:28.81	June Krauser	'96	400 free	N	5:35.49	Frank Piemme	'95
	P	6:54.54	Margery Meyer	'92		P	5:56.06	Ray Taft	'89
800 free	N	13:07.28	June Krauser	'96	800 free	N	11:38.41	Frank Piemme	'95
	P	14:29.66	Margery Meyer	'92		N	12:15.49	Ray Taft	'88
1500 free	N	24:57.85	June Krauser	'96	1500 free	N	22:44.45	Frank Piemme	'95
	P	28:28.86	Margery Meyer	'93		P	23:59.12	Aldo da Rosa	'88
50 back	N	42.58	Doris Steadman	'95	50 back	N	35.71	Paul Hutinger	'94
	P	47.04	Margery Meyer	'93		P	38.44	Ray Taft	'89
100 back	N	1:35.66	Doris Steadman	'95	100 back	N	1:21.74	Paul Hutinger	'94
	P	1:47.31	Patsy Weiss	'93		P	1:24.30	Ray Taft	'89
200 back	N	3:27.79	Doris Steadman	'95	200 back	N	2:59.92	Paul Hutinger	'94
	P	3:56.14	Margery Meyer	'93		P	3:07.57	Ray Taft	'89
50 breast	N	50.95	Gertrude Zint	'87	50 breast	N	39.74	Joseph Kurtzman	'96
	P	55.29	Jae Howell	'92		P	43.01	Aldo da Rosa	'90
100 breast	N	1:49.64	June Krauser	'96	100 breast	N	1:29.48	Barton Greenberg	'94
	P	2:01.99	Patsy Weiss	'93		P	1:32.13	Aldo da Rosa	'88
200 breast	N	3:55.99	June Krauser	'96	200 breast	N	3:23.16	Frank Piemme	'95
	P	4:30.09	Jae Howell	'93		P	3:24.66	Aldo da Rosa	'88
50 fly	N	45.17	June Krauser	'96	50 fly	N	34.77	Frank Piemme	'95
	P	57.11	Zada Taft	'89		P	38.14	Ray Taft	'89
100 fly	N	1:40.20	June Krauser	'96	100 fly	N	1:26.98	Joseph Kurtzman	'96
	P	2:13.05	Jae Howell	'93		P	1:39.52	Aldo da Rosa	'89
200 fly	N	3:38.39	June Krauser	'96	200 fly	N	3:26.07	Joseph Kurtzman	'96
	P	4:40.95	Jae Howell	'92		P	3:37.63	Aldo da Rosa	'88
100 IM	N	1:38.73	June Krauser	'96	100 IM	N	1:20.99	Frank Piemme	'95
	P	1:52.07	Margery Meyer	'93		P	1:21.87	Ray Taft	'89
200 IM	N	3:31.93	June Krauser	'96	200 IM	N	3:05.96	Frank Piemme	'95
	P	4:21.39	Margery Meyer	'96		P	3:08.13	Ray Taft	'89
400 IM	N	7:24.32	June Krauser	'96	400 IM	N	6:38.98	Frank Piemme	'95
	P	9:10.29	Jae Howell	'93		P	6:50.27	Ray Taft	'89

### 75-79

50 free	N	42.50	Louise Donovan	'93	50 free	N	32.78	Kelley Lemmon	'88
	P	44.37	Audrey Etienne	'92		P	33.35	Ray Taft	'95
100 free	N	1:38.34	Rita Simonton	'93	100 free	N	1:13.47	Ray Taft	'95
	P	1:42.75	Marjorie Sharpe	'96		P	1:13.47	Ray Taft	'95
200 free	N	3:33.90	Rita Simonton	'93	200 free	N	2:48.67	Ray Taft	'94
	P	3:44.34	Marjorie Sharpe	'96		P	2:48.67	Ray Taft	'94
400 free	N	7:23.29	Rita Simonton	'93	400 free	N	6:02.95	Ray Taft	'95
	P	7:56.10	Marjorie Sharpe	'96		P	6:02.95	Ray Taft	'95
800 free	N	15:28.60	Rita Simonton	'93	800 free	N	12:45.40	Ray Taft	'94
	P	16:01.48	Marjorie Sharpe	'96		P	12:45.40	Ray Taft	'94
1500 free	N	29:30.20	Rita Simonton	'93	1500 free	N	24:46.19	Aldo da Rosa	'93
	P	31:23.23	Marjorie Sharpe	'94		P	24:46.19	Aldo da Rosa	'93
50 back	N	52.11	Marie Wicklun	'89	50 back	N	39.83	Ray Taft	'94
	P	55.61	Marjorie Sharpe	'96		P	39.83	Ray Taft	'94
100 back	N	1:53.00	Anne Walker	'91	100 back	N	1:27.41	Ray Taft	'94
	P	2:03.22	Marjorie Sharpe	'96		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
	P	4:46.82	Sally Joy	'92		P	3:10.22	Ray Taft	'94
50 breast	N	53.94	Gertrude Zint	'93	50 breast	N	42.85	Paul Krup	'93
	P	59.08	Sally Joy	'92		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
	P	2:18.82	Sally Joy	'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
	P	5:08.01	Sally Joy	'93		P	3:34.29	Aldo da Rosa	'93
50 fly	N	56.53	Gertrude Zint	'93	50 fly	N	38.70	Ray Taft	'95
	P	1:02.11	Zada Taft	'94		P	38.70	Ray Taft	'95
100 fly	N	2:12.17	Maxine Merlino	'88	100 fly	N	1:36.80	Paul Krup	'92
	P	2:20.69	Jean Durston	'89		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
	P	4:58.40	Jean Durston	'89		P	3:59.25	Aldo da Rosa	'94
100 IM	N	1:58.06	Gertrude Zint	'93	100 IM	N	1:27.43	Ray Taft	'94
	P	2:09.35	Jean Durston	'89		P	1:27.43	Ray Taft	'94
200 IM	N	4:17.89	Maxine Merlino	'88	200 IM	N	3:20.35	Ray Taft	'94
	P	4:38.45	Jean Durston	'90		P	3:20.35	Ray Taft	'94
400 IM	N	9:07.66	Maxine Merlino	'88	400 IM	N	7:08.53	Ray Taft	'94
	P	9:57.88	Jean Durston	'90		P	7:08.53	Ray Taft	'94

### 80-84

50 free	N	47.85	Audrey Etienne	'96	50 free	N	35.16	Woodrow Bowersock	'93
	P	47.85	Audrey Etienne	'96		P	48.95	Robert Burns	'88
100 free	N	1:52.20	Marie Wicklund	'94	100 free	N	1:20.65	Woodrow Bowersock	'93
	P	1:54.05	Audrey Etienne	'96		P	1:53.29	Joe Irvine	'95
200 free	N	4:07.41	Jean Durston	'94	200 free	N	3:18.97	Dexter Woodford	'94
	P	4:07.41	Jean Durston	'94		P	3:59.15	Jim Triolo	'95
400 free	N	8:39.15	Jean Durston	'94	400 free	N	7:13.17	Dexter Woodford	'95
	P	8:39.15	Jean Durston	'94		P	8:36.53	Jim Triolo	'96

## USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1997 SEASON

800 free	N	17:51.63	Jean Durston	'94	800 free	N	15:07.97	Herbert Howe	'92
	P	17:51.63	Jean Durston	'94		P	17:56.23	Jim Triolo	'95
1500 free	N	34:13.00	Jean Durston	'94	1500 free	N	28:43.31	Dexter Woodford	'94
	P	34:13.00	Jean Durston	'94		P			
50 back	N	58.68	Marie Wicklund	'96	50 back	N	43.92	Edward Shea	'94
	P	1:01.09	Audrey Etienne	'96		P	53.21	Jim Triolo	'96
100 back	N	2:08.12	Marie Wicklund	'94	100 back	N	1:37.17	Edward Shea	'94
	P	2:20.44	Audrey Etienne	'96		P	1:58.46	Jim Triolo	'96
200 back	N	4:35.38	Marie Wicklund	'94	200 back	N	3:33.91	Edward Shea	'94
	P	4:51.11	Audrey Etienne	'96		P	5:29.94	Joe Kaufman	'89
50 breast	N	1:05.64	Maxine Merlino	'92	50 breast	N	50.93	Jerry Everall	'95
	P	1:12.47	Jean Durston	'96		P	1:11.91	Robert Burns	'88
100 breast	N	2:21.80	Maxine Merlino	'92	100 breast	N	1:56.36	Walter Pfeiffer	'94
	P	2:34.21	Jean Durston	'94		P			
200 breast	N	5:00.63	Maxine Merlino	'92	200 breast	N	4:17.11	Walter Pfeiffer	'94
	P	5:49.71	Helen Roumasset	'95		P			
50 fly	N	1:03.26	Jean Durston	'94	50 fly	N	49.08	Jesse Coon	'91
	P	1:03.26	Jean Durston	'94		P			
100 fly	N	2:28.34	Jean Durston	'94	100 fly	N	1:52.51	Walter Pfeiffer	'94
	P	2:28.34	Jean Durston	'94		P			
200 fly	N	5:22.65	Maxine Merlino	'92	200 fly	N	4:25.99	Walter Pfeiffer	'94
	P	5:29.45	Jean Durston	'95		P			
100 IM	N	2:07.52	Maxine Merlino	'92	100 IM	N	1:44.08	Walter Pfeiffer	'94
	P	2:16.74	Jean Durston	'95		P			
200 IM	N	4:45.32	Jean Durston	'95	200 IM	N	3:50.55	Woodrow Bowersock	'94
	P	4:45.32	Jean Durston	'95		P			
400 IM	N	9:50.43	Maxine Merlino	'92	400 IM	N	8:34.45	Walter Pfeiffert	'94
	P	10:09.01	Jean Durston	'94		P			

### 85-89

50 free	N	51.99	Julia Dolce	'95
	P	1:09.19	Ellen Tait	'95
100 free	N	2:05.74	Julia Dolce	'95
	P	2:40.27	Ellen Tait	'95
200 free	N	4:52.37	Julia Dolce	'95
	P	6:01.56	Ellen Tait	'95
400 free	N	10:19.41	Julia Dolce	'95
	P	12:28.71	Ellen Tait	'95
800 free	N	22:22.74	Julia Dolce	'95
	P			
1500 free	N	42:10.95	Julia Dolce	'95
	P			
50 back	N	1:12.75	Jewel Cooke	'96
	P			
100 back	N	2:45.89	Jewel Cooke	'96
	P	2:52.59	Edie Goldman	'95
200 back	N	5:53.58	Jewel Cooke	'96
	P			
50 breast	N	1:09.77	Marti Gogniat	'95
	P			
100 breast	N	2:38.48	Marti Gogniat	'95
	P	3:30.80	Edie Goldman	'95
200 breast	N	6:53.42	Jewel Cooke	'96
	P			
50 fly	N	1:24.22	Jewel Cooke	'96
	P			
100 fly	N	3:20.81	Jewel Cooke	'96
	P			
200 fly	N	7:12.95	Jewel Cooke	'96
	P			
100 IM	N	2:12.85	Jewell Cooke	'95
	P			
200 IM	N	6:10.88	Jewell Cooke	'95
	P			
400 IM	N	13:24.08	Jewell Cooke	'96
	P			

### 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
800 free	N	28:45.45	Anna Bauscher	'93
1500 free	N			
50 back	N			

### 85-89

50 free	N	43.86	Dan Dotterweich	'93
	P	54.92	Joe Kaufman	'92
100 free	N	1:41.46	Gus Langner	'89
	P	2:13.11	Joe Kaufman	'92
200 free	N	3:48.20	Gus Langner	'89
	P	4:56.14	Joe Kaufman	'91
400 free	N	7:54.24	Gus Langner	'88
	P	10:10.03	Joe Kaufman	'92
800 free	N	16:53.90	Gus Langner	'88
	P			
1500 free	N	32:20.20	Gus Langner	'88
	P			
50 back	N	56.85	Dan Dotterweich	'93
	P	1:11.83	Joe Kaufman	'93
100 back	N	2:09.91	Dan Dotterweich	'93
	P	2:32.19	Joe Kaufman	'90
200 back	N	4:55.62	Peter Jurczyk	'90
	P	5:21.74	Joe Kaufman	'93
50 breast	N	58.39	Jim Penfield	'93
	P			
100 breast	N	2:09.33	Dan Dotterweich	'93
	P			
200 breast	N	5:17.90	Dan Dotterweich	'96
	P			
50 fly	N	1:04.75	Jim Penfield	'93
	P			
100 fly	N			
	P			
200 fly	N			
	P			
100 IM	N	2:15.66	Jim Penfield	'93
	P			
200 IM	N	5:02.31	Herb Eisenschmidt	'91
	P			
400 IM	N	10:47.13	Herb Eisenschmidt	'91
	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
800 free	N			
1500 free	N	44:48.99	Gus Langner	'96
50 back	N	1:15.84	Gus Langner	'93



# USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1996 SEASON

## USMS/PMS SHORT COURSE METERS RELAY RECORDS FOR 1996

### WOMEN'S 200M FREESTYLE RELAYS

76-99		
N	1:59.79	U. of Houston '88 Plough, Jones, Hallenbeck, Johnson
P	2:00.48	Davis Aquatic Masters '95 Birnie, Cerruti, Schultz, Lundmark
100-119		
N	1:45.93	Michigan '96 Burrell, Devlin, Mueting, Taormina
P	2:05.01	Santa Clara Masters '93 Ross, Reid, Benke, Elleman
120-159		
N	1:53.26	San Diego '96 Pipes-Neilsen, Knight, Bouwma, North
P	1:57.59	The Olympic Club '95 Rowell, Seibt, Ogier, Jolly
160-199		
N	1:59.23	San Diego '96 Dunbar, Fink, Karrasch, Pipes-Neilsen
P	2:04.49	Tamalpais Aq. Masters '95 Ridout, Clements, Brittingham, Ulen
200-239		
N	2:11.64	Tamalpais Aq. Masters '89 Konig, Adams, Rademaker, Ridout
P	2:11.64	Tamalpais Aq. Masters '89 Konig, Adams, Rademaker, Ridout
240-279		
N	2:25.52	New England Masters '94 Walker, Burrill, Reed, Luker
P	3:02.45	Rinconada Masters '93 Weiss, Blackledge, Scholer, Callison
280-319		
N	2:52.62	Ojai Santa Barbara '95 Baar, Erickson, Altus, Collins
P	3:16.06	Walnut Creek Masters '89 Reeves, Joy, Durston, Howell
320-359		
N	4:09.37	St. Petersburg Masters '93 McKechnie, Kennedy, Cichanski, Schimpf
P		

### WOMEN'S 200M MEDLEY RELAYS

76-99		
N	2:13.89	Davis Aquatic Masters '95 Birnie, Cerruti, Schultz, Lundmark
P	2:13.89	Davis Aquatic Masters '95 Birnie, Cerruti, Schultz, Lundmark
100-119		
N	2:05.66	San Diego '95 Davidson, Bouwma, Pipes-Neilsen, Mortensen
P	2:30.11	Santa Clara Swim Club '94 Harvey, Blake, Reid, McBride
120-159		
N	2:05.27	San Diego Masters '94 Davidson, Bouma, Pipes, Knight
P	2:19.44	Davis Aquatic Masters '92 Chichester, West, Beaty, Moratti
160-199		
N	2:12.54	San Diego '96 Fink, Pipes-Neilsen, Dunbar, Knight
P	2:43.01	Tamalpais Aq. Masters '88 Winn, Jenkins, McGee, Hill
200-239		
N	2:34.15	Tamalpais Aq. Masters '89 Adams, Ridout, Rademaker, Konig
P	2:34.15	Tamalpais Aq. Masters '89 Adams, Ridout, Rademaker, Konig
240-279		
N	2:50.93	Gold Coast '96 Bruce, Krauser, Grams, Charlton
P	3:14.68	Walnut Creek Masters '92 Howell, Hoss, Monroe, Alexander
280-319		
N	3:25.81	San Diego '96 Silva, Coleman, Dallam, Turcotte
P	3:45.54	Walnut Creek Masters '89 Durston, Joy, Howell, Reeves
320-359		

N	4:39.75	San Mateo '96 Roumasset, Buel, Taft, Etienne
P	4:39.75	San Mateo '96 Roumasset, Buel, Taft, Etienne

### WOMEN'S 400M FREESTYLE RELAYS

76-99		
N	4:23.57	Davis Aquatic Masters '95 Birnie, Cerruti, Schultz, Lundmark
P	4:23.57	Davis Aquatic Masters '95 Birnie, Cerruti, Schultz, Lundmark
100-119		
N	4:18.04	San Diego '96 Mortensen, Boyd, Bouwma, North
P	4:39.29	Rinconada Masters '94 Schwartz, Cha, Hofman, Raab
120-159		
N	4:11.50	San Diego '94 Knight, Bouwma, Davidson, Pipes
P	4:32.30	Strawberry Canyon '94 Sosnoff, Ouellette, Mociun, Buchanan
160-199		
N	4:14.13	San Diego '96 Kinght, Dunbar, Fink, Pipes-Neilsen
P	6:07.80	S. F. Rec & Park '94 Berry, Kreps, Latta, Duff
200-239		
N	5:24.79	San Diego '96 Raap, Peckham, Leong, Jordan
P	5:31.07	Rinconada Masters '94 Macpherson, Kelly, Peterson, Springer
240-279		
N	5:46.69	Gold Coast Masters '95 Meekins, McGuire, Edelmaier, Timmins
P		
280-319		
N	7:23.22	San Diego '96 Dallam, Turcotte, Coleman, Silva
P	7:26.27	San Mateo '92 Etienne, Knochenhauer, Schultz, Taft
320-359		
N	9:11.05	San Mateo Marlins '96 Etienne, Roumasset, Buel, Taft
P	9:11.05	San Mateo Marlins '96 Etienne, Roumasset, Buel, Taft
WOMEN'S 400M MEDLEY RELAYS		
76-99		
N	5:07.60	Empire State '91 Colacito, Lee, Kupan, Brooks
P		
100-119		
N	4:54.64	Rinconada Masters '94 Kanaza, Baxter, Raab, Heiberger
P	4:54.64	Rinconada Masters '94 Kanazawa, Baxter, Raab, Heiberger
120-159		
N	4:48.28	San Diego '96 Bigley, Pipes-Neilsen, North, Davidson
P	4:55.70	The Olympic Club '95 Jolly, Seibt, Rowell, Ogier
160-199		
N	5:00.90	Los Altos Masters '93 Lehr, Roy, Val, Boak
P	5:00.90	Los Altos Masters '93 Lehr, Roy, Val, Boak
200-239		
N	5:43.41	San Diego '96 Jordan, Leong, Dunbar, Fink
P	5:56.23	Rinconada Masters '94 Kay, Schwartz, Brems, Macpherson
240-279		
N	6:24.68	St. Louis '92 Kenner, Taylor, Mueller, Schnorbus
P	7:56.70	Rinconada Masters '93 Blackledge, Weiss, Callison, Scholer

## USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1996 SEASON

280-319  
 N 8:13.24 San Diego '96  
 Turcotte,Coleman,Silva,Dallam  
 P 8:16.37 San Mateo Marlins '92  
 Barnes,Schultz,Taft,Etienne

320-359  
 N 10:51.45 San Mateo Marlins '94  
 Etienne,Buel,Roumasset,Goldman  
 P 10:51.45 San Mateo Marlins '94  
 Etienne,Buel,Roumasset,Goldman

WOMEN'S 800M FREESTYLE RELAYS  
 76-99  
 N 9:47.25 D.C. Aquatic Club '96  
 Hurley,King,Robinson,Barcus  
 P

100-119  
 N 9:16.40 San Diego '95  
 Davidson,Gleason,Bouwma,North  
 P

120-259  
 N 9:05.72 San Diego Masters '96  
 North,Mortensen,Knight,Pipes-Neilsen  
 P 11:21.40 San Mateo Marlins '93  
 Dunn,Dunn,Swain,Mabry

160-199  
 N 10:08.31 Lakeside '96  
 Martin,Wright-Belknap,Curl,Pope  
 P 11:49.29 San Mateo Master Marlins '94  
 Finch,Dunn,Swain,Anderson

200-239  
 N 10:58.27 San Diego '96  
 Dunbar,Peckham,Jordan,Raap  
 P 11:14.98 Rinconada Masters '94  
 Kelley,Cavanaugh-Ball,Macpherson,Brems

240-279  
 N 12:54.35 San Diego '94  
 Jordan,Turcotte,Silva,Dunbar  
 P

280-319  
 N 15:49.09 St. Louis '91  
 Taylor,Peters,Hendry,Carriere  
 P 16:05.25 San Mateo Master  
 Marlins '92  
 Etienne,Knochenhauer,Schultz,Taft

320-359  
 N 20:48.75 San Mateo Marlins '94  
 Etienne,Roumasset,Goldman,Buel  
 P 20:48.75 San Mateo Marlins '94  
 Etienne,Roumasset,Goldman,Buel

### MEN'S 200M FREESTYLE RELAYS

76-99  
 N 1:39.63 Davis Aquatic Masters '95  
 Keppeler,Slakoss,Winsor,Grahn  
 P 1:39.63 Davis Aquatic Masters '95  
 Keppeler,Slakoss,Winsor,Grahn

100-119  
 N 1:36.03 Empire State Masters '93  
 Miranda,Marilley,MacDonald,Osborn  
 P 1:39.19 Santa Clara Masters '93  
 Mariniuk,Reid,Moore,Kutler

120-159  
 N 1:37.89 Baylor/Lone Star '92  
 Hess,Moyse,Rhodenbaugh,Patten  
 P 1:43.58 Davis Aquatic Masters '95  
 Winsor,Grahn,Collins,McPherson

160-199  
 N 1:40.74 Colonials '96  
 Norelli,Meade,Slenker,Oxley  
 P 1:50.84 Univ. of San Francisco '94  
 Garrett,Atondo,Schiller,Ahlman

200-239  
 N 1:47.41 So. California Aquatics '94  
 Hubbell,Piemme,Nelson,O'Keefe  
 P 1:48.19 The Olympic Club '95

240-279  
 N 1:58.22 Buckeye Masters '94  
 Hall,Oyakawa,Olander,Florance  
 P 2:24.53 The Olympic Club '92  
 Jones,Perry,Miller,Rudloff

280-319  
 N 2:13.84 Oregon '90  
 Walter,Mack,Huestis,Holden  
 P 3:08.39 Tamalpais Aq. Masters '91  
 Parlapiano,Morrison,Burns,Sagues

320-359  
 N 2:51.43 Long Beach Masters '94  
 Pfeiffer,Glenn,Bowersock,Christians  
 P

### MEN'S 200M MEDLEY RELAYS

76-99  
 N 1:55.43 Davis Aquatic Masters '95  
 Slakoff,Lynch,Winsor,Grahn  
 P 1:55.43 Davis Aquatic Masters '95  
 Slakoff,Lynch,Winsor,Grahn

100-119  
 N 1:48.94 Long Beach '95  
 Kanner,Schmitt,Wagner,Bergen  
 P 2:02.05 S. F. Rec & Parks '94  
 Henthorne,Brassil,Ehmke,Rupp

120-159  
 N 1:45.01 Baylor/Lone Star '94  
 Yarid,Rhodenbaugh,Patten,Rhodenbaugh  
 P 1:51.30 Davis Aquatic Masters '95  
 Keppeler,Lynch,Greene,McPherson

160-199  
 N 1:54.75 Colonials 76 '95  
 Leech,Oxley,Norelli,Krotee  
 P 2:05.90 Univ. of San Francisco '94  
 Ahlman,Atondo,Tanigawa,Young

200-239  
 N 2:00.35 The Olympic Club '96  
 Birnie,Strand,Bassi,Krueger  
 P 2:00.35 The Olympic Club '96  
 Birnie,Strand,Bassi,Krueger

240-279  
 N 2:16.44 Buckeye Masters '94  
 Oyakawa,Olander,Medici,Florance  
 P 2:25.47 San Mateo '96  
 Taft,Peterson,Steuart,Galine

280-319  
 N 2:36.92 Oregon '90  
 Walter,Mack,Holden,Huestis  
 P

320-359  
 N 4:01.38 St. Petersburg Masters '95  
 Hotvedt,Tillotson,Johnston,Walbolt  
 P

### MEN'S 400M FREESTYLE RELAYS

76-99  
 N 3:49.63 Davis Aquatic Masters '95  
 Slakoff,Greene,Grahn,Lynch  
 P 3:49.63 Davis Aquatic Masters '95  
 Slakoff,Greene,Grahn,Lynch

100-119  
 N 3:39.80 Art '96  
 Griffin,Hermanet,Bailey,Hayes  
 P 3:57.79 S. F. Rec & Parks '94  
 Zivic,Zink,Erosa,Rogers

120-159  
 N 3:36.25 Davis Aquatic Masters '95  
 McPherson,Collins,Winsor,Keppeler  
 P 3:36.25 Davis Aquatic Masters '95  
 McPherson,Collins,Winsor,Keppeler

160-199  
 N 3:52.66 BRAT '95  
 Woodsum,Ruth,Williams,Schlak  
 P 3:53.30 The Olympic Club '94  
 Griffith,Bassi,Corliss,Keck

200-239  
 N 4:00.54 The Olympic Club '96

## USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 1996 SEASON

P 4:00.54 Birnie, Strand, Bassi, Cazalet  
The Olympic Club '96  
Birnie, Strand, Bassi, Cazalet

240-279  
N 4:31.43 San Diego Masters '95  
Freshley, Baker, Kimball, Earley

P 4:41.76 San Mateo '96  
Galine, Peterson, Taft, Stuart

280-319  
N 5:23.61 San Diego '95  
Hubbard, Siefert, Jones, Phillips

P 5:54.04 San Mateo Marlins '91  
Moran, Schulze, Taft, Taioli

320-359  
N 6:34.05 Coast Masters '95  
Winship, Christians, Pfeiffer, Bowersock

P

### 400M MEDLEY RELAYS

76-99  
N 4:22.50 Empire State Masters '94  
Meindl, Mackenroth, Ruggiero, Larkin

P 4:56.13 Davis Aquatic Masters '90  
Burger, Revivo, Ramsing, Lane

100-119  
N 4:02.26 D.C. Aquatic Club '96  
Smith, Kinney, Williams, Carlisle

P 4:28.81 Univ. of San Francisco '94  
Peargin, Murakami, Anderson, Adams

120-159  
N 4:07.66 W. Hollywood '94  
Ballard, Jackson, Reudy, Quinn

P 4:12.32 Davis Aquatic Masters '95  
McPherson, Collins, Winsor, Grahn

160-199  
N 4:21.80 Oregon Masters '93  
Smith, Stark, Roth, Coffey

P 4:36.56 Univ. of San Francisco '94  
Ahlman, Atondo, Garrett, Dahlin

200-239  
N 4:38.38 Jersey '96  
Alexander, Nessel, Deffaa, Dragon

P 4:45.92 Los Altos Masters '93  
Cazalet, Boak, Proebsting, Gray

240-279  
N 5:25.95 San Mateo Marlins '93  
Taft, Panko, Stuart, Peterson

P 5:25.95 San Mateo Marlins '93  
Taft, Panko, Stuart, Peterson

280-319  
N 6:25.20 Oregon '91  
Walter, Morrison, Holden, Mack

P 6:58.89 San Mateo Marlins '91  
Moran, Schulze, Taft, Taioli

320-359  
N 9:30.72 St. Petersburg Masters '95  
Hotvedt, Tillotson, Johnston, Walbolt

P

### MEN'S 800M FREESTYLE RELAYS

76-99  
N 8:56.41 Empire State Masters '93  
Meindl, Hall, Speer, Valentin

P 9:02.35 S. F. Rec & Parks '94  
Zivic, Williams, Rupp, Brassil

100-119  
N 7:57.87 Davis Aquatic Masters '95  
Collins, Grahn, Winsor, Keppeler

P 7:57.87 Davis Aquatic Masters '95  
Collins, Grahn, Winsor, Keppeler

120-159  
N 8:01.80 D.C. Aquatic Club '96  
Williams, Michaels, Smith, Kielin

P 8:54.86 S. F. Rec & Parks '94  
Erosa, Rogers, Fitzgibbons, McDermott

160-199  
N 8:45.81 BRAT '95  
Woodsom, Ruth, Williams, Schlak

P 9:03.05 Univ. of San Francisco '94

Garrett, Atondo, Ahlman, Dahlin

200-239  
N 9:48.41 Connecticut Masters '92  
Molnar, Davis, Laux, Geoghegan

P 9:59.46 Stanford Masters '92  
Broderick, Wisckol, Price, Fasbender

240-279  
N 10:55.12 San Diego '96  
Becker, Baker, Earley, Freshley

P 10:57.81 San Mateo Marlins '93  
Peterson, Taft, Panko, Stuart

280-319  
N 12:47.62 San Diego '95  
Hubbard, Siefert, Jones, Phillips

P

320-359  
N 17:58.81 Long Beach Masters '93  
Neefe, Winship, Glenn, Bowersock

P

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### MIXED 200M FREESTYLE RELAYS

76-99  
N 1:43.33 The Olympic Club '95  
Scott, Walker, Patrick, Hermann

P 1:43.33 The Olympic Club '95  
Scott, Walker, Patrick, Hermann

100-119  
N 1:45.63 San Diego '95  
Segreto, Rodee, Pipes-Neilsen, Davidson

P 1:51.25 Santa Clara Masters '93  
Elleman, Mariniuk, Ross, Parrack

120-159  
N 1:45.78 St. Petersburg '96  
Summers, Specht, McKeithen-Bussey, Barton

P 1:49.45 Santa Clara Swim Club '95  
Coye, Val, Hazen, Moore

160-199  
N 1:47.38 San Diego '96  
Knight, Pipes-Neilsen, Cartwright, Mench

P 1:50.98 The Olympic Club '95  
Strand, Ogier, Jolly, VanderBogart

200-239  
N 1:57.25 Lincoln '89  
Hutinger, David, Malmen, Padovan

P 2:02.00 Tamalpais Aq. Masters '89  
Konig, Ridout, Schwab, Burns

240-279  
N 2:12.98 Los Altos Masters '92  
Richards, Craddock, Sehorn, Val

P 2:12.98 Los Altos Masters '92  
Richards, Craddock, Sehorn, Val

280-319  
N 2:35.36 Ojai Santa Barbara '95  
Piemme, Altus, Baar, Schmidt

P 2:54.83 San Mateo Master Marlins '87  
Kaufman, Etienne, Taft, Taft

320-359  
N 3:37.67 Long Beach Masters '94  
Pfeiffer, Miller, Merlino, Bowersock

P 3:48.82 San Mateo Marlins '92  
Keil, Kaufman, Etienne, Taft

### MIXED 200M MEDLEY RELAYS

76-99  
N 2:03.64 Davis Aquatic Masters '95  
Slakoff, Cerruti, Winsor, Birnie

P 2:03.64 Davis Aquatic Masters '95  
Slakoff, Cerruti, Winsor, Birnie

100-119  
N 1:59.33 Crawfish Masters '94  
Harper, Harper, Zeilinski, Hageman

P 2:04.02 Davis Aquatic Masters '95  
Keppeler, Lundmark, Lynch, Schultz

120-159  
N 1:58.28 Lakeside '89  
Tingley, Gatti, Higgs, Schmidt

P 2:08.10 Rinconada '96  
Kanazawa, Farley, Raab, Wanderer

