

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 2005 SEASON

<u>19-24</u>		<u>WOMEN</u>		<u>19-24</u>		<u>MEN</u>	
50 free	N 26.61	Alison Terry	'98	50 free	N 22.84	Jarrold Kappler	'00
	P 27.44	Jamie Raab	'94		P 23.57	Aaron Bartleson	'95
100 free	N 57.86	Alison Terry	'97	100 free	N 51.67	Ben Christoffel	'00
	P 58.53	Anya Kolbisen	'02		P 52.68	Brad Winsor	'95
200 free	N 2:06.21	Dawn Heckman	'01	200 free	N 1:54.23	Brad Winsor	'95
	P 2:11.52	Anya Kolbisen	'02		P 1:54.23	Brad Winsor	'95
400 free	N 4:25.13	Dawn Heckman	'01	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 8:58.71	Dawn Heckman	'01	800 free	N 8:35.83	Brad Winsor	'95
	P 9:38.62	Marifaith Schweitzer	'03		P 8:35.83	Brad Winsor	'95
1500 free	N 17:15.23	Dawn Heckman	'01	1500 free	N 16:15.25	Jeff Poppell	'93
	P 19:06.57	Miriam Carlson	'01		P 16:18.65	Brad Winsor	'95
50 back	N 29.69	Page Francis	'01	50 back	N 27.39	William Jewell	'02
	P 31.87	Cary Conley	'00		P 27.48	Aaron Bartleson	'95
100 back	N 1:06.59	Alison Terry	'98	100 back	N 58.98	Osiris Briseno	'98
	P 1:08.34	Cary Conley	'00		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 1:05.45	Luciano Galindo	'02
	P 1:17.13	Karrie Jones	'89		P 1:05.81	Ryan Spoon	'04
200 breast	N 2:38.63	Anita Nall	'97	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 25.16	Paul Buren	'03
	P 28.84	Jamie Raab	'94		P 26.73	Aaron Bartleson	'95
100 fly	N 1:05.01	Dawn Heckman	'01	100 fly	N 57.31	Paul Buren	'03
	P 1:05.38	Jamie Raab	'94		P 58.81	Greg Mackem	'91
200 fly	N 2:23.78	Dawn Heckman	'01	200 fly	N 2:07.64	Jeff Poppell	'93
	P 2:35.06	Miriam Carlson	'01		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 1:10.48	Cary Conley	'00		P 59.18	Aaron Bartleson	'95
200 IM	N 2:25.87	Dawn Heckman	'01	200 IM	N 2:08.88	Sergey Mariniuk	'93
	P 2:26.60	Anya Kolbisen	'02		P 2:08.88	Sergey Mariniuk	'93
400 IM	N 4:58.55	Dawn Heckman	'01	400 IM	N 4:28.54	Sergey Mariniuk	'93
	P 5:15.70	Marifaith Schweitzer	'03		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 22.81	Scott Greenwood	'02
100 free	N 56.30	Sheila Taormina	'96	100 free	N 49.91	Bjorn Zikarsky	'95
	P 59.01	Liesl Tanner	'02		P 52.60	Lee Wanie	'99
200 free	N 1:59.78	Sheila Taormina	'96	200 free	N 1:48.81	John Keppeler	'95
	P 2:14.62	Liesl Tanner	'02		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 4:04.26	Nate Moore	'02
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 17:08.55	Andy Nonaka	'04
50 back	N 30.05	Camilla Johansson	'02	50 back	N 26.00	Michael Kanner	'95
	P 32.68	Allison Lovell	'03		P 26.21	John Keppeler	'95
100 back	N 1:03.26	Camilla Johansson	'02	100 back	N 55.76	John Keppeler	'95
	P 1:09.16	Kathleen Hartnett	'97		P 55.76	John Keppeler	'95
200 back	N 2:14.77	Lia Oberstar	'01	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 28.60	Jeff Commings	'03
	P 34.93	Helen Salcido	'03		P 29.77	James Parrack	'93
100 breast	N 1:13.30	Wenke Hansen	'98	100 breast	N 1:02.83	Jeff Commings	'03
	P 1:15.38	Helen Salcedo	'03		P 1:07.08	James Parrack	'93
200 breast	N 2:35.66	Andrea Packard	'01	200 breast	N 2:20.30	Audy Oktavian	'03
	P 2:44.19	Helen Salcedo	'03		P 2:25.36	James Parrack	'93
50 fly	N 28.68	Sheila Taormina	'96	50 fly	N 25.01	Jason Eaddy	'02
	P 30.53	Jamie Raab	'96		P 25.78	Chris Mayfield	'95
100 fly	N 1:01.33	Sheila Taormina	'96	100 fly	N 54.83	Jason Eaddy	'02
	P 1:08.29	Jamie Raab	'96		P 56.11	Martin Hermann	'95
200 fly	N 2:23.60	Chrissy Miller	'02	200 fly	N 2:03.59	Jason Eaddy	'02
	P 2:37.10	Jamie Raab	'96		P 2:16.68	Stephen Stahl	'94

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100 IM	N	1:05.67	Wenke Hansen	'98	100 IM	N	56.65	Jeff Commings	'03
	P	1:06.99	Allison Wagner	'04		P	58.68	John Keppeler	'95
200 IM	N	2:21.79	Wenke Hansen	'98	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	5:02.54	Wenke Hansen	'98	400 IM	N	4:26.79	John Keppeler	'95
	P	5:24.56	Helen Salcedo	'03		P	4:26.79	John Keppeler	'95

30-34

50 free	N	25.98	Katrina Radke	'04
	P	25.98	Katrina Radke	'04
100 free	N	57.35	Sandy Neilson	'88
	P	57.46	Katrina Radke	'03
200 free	N	2:04.64	Karlyn Pipes-Neilsen	'96
	P	2:07.24	Katrina Radke	'03
400 free	N	4:22.70	Karlyn Pipes-Neilsen	'96
	P	4:38.50	Jody Smith	'03
800 free	N	9:06.49	Erika Hansen	'03
	P	9:28.11	Lisa Hazen	'95
1500 free	N	17:23.60	Karen Burton	'94
	P	17:44.19	Allison Zamanian	'04
50 back	N	30.14	Diane Graner Gallas	'96
	P	31.95	Martie McKinney	'95
100 back	N	1:03.36	Karlyn Pipes-Neilsen	'96
	P	1:07.12	Jody Smith	'03
200 back	N	2:13.51	Karlyn Pipes-Neilsen	'96
	P	2:24.89	Jody Smith	'03
50 breast	N	32.82	Wenke Hansen	'00
	P	35.86	Carol Leigh-Wood	'04
100 breast	N	1:10.00	Wenke Hansen	'00
	P	1:22.22	Granate Sosnoff	'94
200 breast	N	2:30.65	Wenke Hansen	'00
	P	2:53.24	Gayle Benty	'86
50 fly	N	28.05	Katrina Radke	'04
	P	28.05	Katrina Radke	'04
100 fly	N	1:02.70	Wenke Hansen	'00
	P	1:03.21	Katrina Radke	'03
200 fly	N	2:19.34	Katrina Radke	'03
	P	2:19.34	Katrina Radke	'03
100 IM	N	1:04.96	Wenke Hansen	'99
	P	1:08.69	Martie McKinney	'95
200 IM	N	2:18.79	Karlyn Pipes-Neilsen	'96
	P	2:22.72	Katrina Radke	'03
400 IM	N	4:53.85	Karlyn Pipes-Neilsen	'96
	P	5:15.90	Jody Smith	'03

35-39

50 free	N	26.13	Sandy Neilson-Bell	'95
	P	27.35	Jill Hernandez	'99
100 free	N	57.65	Karlyn Pipes-Neilsen	'00
	P	58.79	Jill Hernandez	'99
200 free	N	2:03.56	Karlyn Pipes-Neilsen	'97
	P	2:06.86	Jill Hernandez	'99
400 free	N	4:22.56	Karlyn Pipes-Neilsen	'99
	P	4:26.57	Jill Hernandez	'99
800 free	N	9:14.27	Laurie Hug	'00
	P	9:40.56	Margee Curran	'97
1500 free	N	17:27.84	Laurie Hug	'99
	P	18:02.22	Lisa Hazen	'03
50 back	N	30.73	Karlyn Pipes-Neilsen	'99
	P	32.50	Laura Val	'91
100 back	N	1:03.56	Karlyn Pipes-Neilsen	'97
	P	1:10.15	Laurie Vidal	'97
200 back	N	2:14.10	Karlyn Pipes-Neilsen	'97
	P	2:34.48	Joan Schriger	'00
50 breast	N	33.03	Caroline Krattli	'00
	P	37.57	Maureen Mendoza	'96
100 breast	N	1:11.97	Caroline Krattli	'00
	P	1:21.42	Maureen O'Toole	'00
200 breast	N	2:36.04	Caroline Krattli	'00

30-34

50 free	N	22.76	Ed Wagner	'02
	P	23.98	Robert Mackenzie	'04
100 free	N	50.97	John Keppeler	'99
	P	50.97	John Keppeler	'99
200 free	N	1:52.04	John Keppeler	'99
	P	1:52.04	John Keppeler	'99
400 free	N	3:58.40	Alex Kostich	'00
	P	4:14.59	Blake Porch	'02
800 free	N	8:17.06	Alex Kostich	'00
	P	9:05.01	Michael Moore	'96
1500 free	N	15:51.07	Alex Kostich	'00
	P	17:15.03	Michael Moore	'95
50 back	N	25.54	Martin Zubero	'01
	P	28.05	Peter Moore	'04
100 back	N	55.19	Martin Zubero	'03
	P	56.25	John Keppeler	'99
200 back	N	2:00.43	Martin Zubero	'01
	P	2:02.91	John Keppeler	'99
50 breast	N	29.21	Dean Putterman	'96
	P	29.77	Nikola Savcic	'99
100 breast	N	1:03.64	Roque Santos	'99
	P	1:03.64	Roque Santos	'99
200 breast	N	2:17.56	Roque Santos	'99
	P	2:17.56	Roque Santos	'99
50 fly	N	24.64	Brian Alderman	'99
	P	25.06	Mike Bottom	'89
100 fly	N	54.85	Brian Alderman	'99
	P	56.43	Mike Bottom	'89
200 fly	N	2:04.59	Mike Shaffer	'95
	P	2:18.85	Stephen Stahl	'97
100 IM	N	56.66	Martin Zubero	'01
	P	58.72	Roque Santos	'99
200 IM	N	2:06.32	Roque Santos	'99
	P	2:06.32	Roque Santos	'99
400 IM	N	4:26.74	Roque Santos	'99
	P	4:26.74	Roque Santos	'99

35-39

50 free	N	23.80	Bruce Stahl	'94
	P	24.47	Geoffrey Glaser	'01
100 free	N	51.01	Ron Karnaugh	'03
	P	53.62	John Keppeler	'03
200 free	N	1:51.31	Eric Hochstein	'03
	P	1:56.74	Terry Debiase	'03
400 free	N	3:57.77	Eric Hochstein	'04
	P	4:10.66	Geoffrey Glaser	'03
800 free	N	8:23.06	Eric Hochstein	'03
	P	8:43.07	Geoffrey Glaser	'03
1500 free	N	15:58.20	Bobby Patten	'99
	P	17:00.49	Geoffrey Glaser	'01
50 back	N	26.84	Clay Britt	'96
	P	27.92	John Keppeler	'03
100 back	N	56.93	Ron Karnaugh	'02
	P	59.56	John Keppeler	'03
200 back	N	2:00.34	Ron Karnaugh	'02
	P	2:08.57	John Keppeler	'03
50 breast	N	28.75	Ron Karnaugh	'02
	P	32.96	Clifford Yee	'99
100 breast	N	1:02.57	Ron Karnaugh	'02
	P	1:08.40	Stuart Corliss	'92
200 breast	N	2:17.96	Ron Karnaugh	'02

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50 fly	P	2:55.70	Eileen Wall '93	50 fly	P	2:38.52	Andrew Brenan '99
	N	28.68	Tracie Moll '01		N	25.32	Wade King '02
	P	30.05	Laura Val/Jill Hernandez '91/99		P	26.51	Terry Debiase '03
100 fly	N	1:03.29	Karlyn Pipes-Neilsen '97	100 fly	N	55.85	Jim Harvey '01
	P	1:05.83	Jill Hernandez '99		P	1:00.32	Kerry O'Brien '95
200 fly	N	2:18.41	Karlyn Pipes-Neilsen '97	200 fly	N	2:04.50	Bobby Patten '99
	P	2:25.06	Jill Hernandez '97		P	2:14.64	Sandy MacDonald '92
100 IM	N	1:05.40	Karlyn Pipes-Neilsen '00	100 IM	N	56.94	Ron Karnaugh '03
	P	1:10.24	Jill Hernandez '97		P	1:02.65	Tod Oakes '03
200 IM	N	2:19.08	Karlyn Pipes-Neilsen '00	200 IM	N	2:03.29	Ron Karnaugh '02
	P	2:25.39	Jill Hernandez '97		P	2:15.62	Dan Veatch '03
400 IM	N	4:52.85	Karlyn Pipes-Neilsen '97	400 IM	N	4:24.36	Ron Karnaugh '03
	P	5:10.43	Jill Hernandez '99		P	4:45.60	Mike Keck '95

40-44

50 free	N	26.66	Sandy Neilson-Bell '96
	P	27.54	Jill Hernandez '00
100 free	N	57.60	Karlynn Pipes-Neilsen '03
	P	58.81	Jill Hernandez '00
200 free	N	2:05.26	Karlynn Pipes-Neilsen '03
	P	2:06.81	Jill Hernandez '00
400 free	N	4:21.75	Karlynn Pipes-Neilsen '03
	P	4:24.22	Jill Hernandez '00
800 free	N	9:09.71	Karlynn Pipes-Neilsen '03
	P	9:29.90	Suzanne Heim-Bowen '98
1500 free	N	17:45.50	Karlynn Pipes-Neilsen '03n
	P	18:02.62	Suzanne Heim-Bowen '98
50 back	N	30.98	Karlynn Pipes-Neilsen '02
	P	31.55	Laura Val '93
100 back	N	1:05.43	Karlynn Pipes-Neilsen '02
	P	1:10.45	Laura Val '95
200 back	N	2:19.09	Karlynn Pipes-Neilsen '03
	P	2:34.04	Laura Val '95
50 breast	N	33.67	Caroline Krattli '03
	P	36.51	Jill Hernandez '04
100 breast	N	1:12.08	Caroline Krattli '03
	P	1:22.19	Gayle Benty '92
200 breast	N	2:39.10	Caroline Krattli '02
	P	2:54.12	Gayle Benty '92
50 fly	N	29.51	Karlynn Pipes-Neilsen '03
	P	30.02	Jill Hernandez '04
100 fly	N	1:03.31	Karlynn Pipes-Neilsen '03
	P	1:06.86	Laura Val '93
200 fly	N	2:20.71	Karlynn Pipes-Neilsen '02
	P	2:29.19	Laura Val '93
100 IM	N	1:05.56	Karlynn Pipes-Neilsen '03
	P	1:08.91	Jill Hernandez '04
200 IM	N	2:20.55	Karlynn Pipes-Neilsen '03
	P	2:22.51	Jill Hernandez '00
400 IM	N	5:00.82	Karlynn Pipes-Neilsen '02
	P	5:02.17	Jill Hernandez '00

45-49

50 free	N	28.06	Jacki Hirsty '00
	P	28.58	Laura Val '00
100 free	N	1:02.00	Laura Val '98
	P	1:02.00	Laura Val '98
200 free	N	2:10.91	Suzanne Heim-Bowen '03
	P	2:10.91	Suzanne Heim-Bowen '03
400 free	N	4:30.98	Suzanne Heim-Bowen '03
	P	4:30.98	Suzanne Heim-Bowen '03
800 free	N	9:27.44	Suzanne Heim-Bowen '04
	P	9:27.44	Suzanne Heim-Bowen '04
1500 free	N	17:50.64	Suzanne Heim-Bowen '04
	P	17:50.64	Suzanne Heim-Bowen '04
50 back	N	32.65	L van Pelt-Diller '03
	P	32.67	Laura Val '99
100 back	N	1:09.98	L van Pelt-Diller '03
	P	1:12.38	Laura Val '97

40-44

50 free	N	24.00	Paul Smith '01
	P	24.58	David Boatwright '03
100 free	N	52.44	Paul Smith '01
	P	53.46	David Boatwright '03
200 free	N	1:56.44	Paul Smith '01
	P	1:57.76	Bradley Howe '04
400 free	N	4:09.10	William Specht '99
	P	4:13.84	Geoff Glaser '04
800 free	N	8:46.89	Brett Phillips '01
	P	8:52.48	George Tidmarsh '03
1500 free	N	16:42.00	George Tidmarsh '03
	P	16:42.00	George Tidmarsh '03
50 back	N	27.28	Eric Ericson '02
	P	29.58	Tim Birnie '86
100 back	N	57.66	Eric Ericson '02
	P	1:05.15	Tod Spieker '89
200 back	N	2:08.26	Eric Ericson '02
	P	2:22.17	Tod Spieker '89
50 breast	N	29.90	Plameu Alexandrov '01
	P	30.59	Dean Putterman '03
100 breast	N	1:05.79	Plameu Alexandrov '02
	P	1:08.29	Spencer Eldred '97
200 breast	N	2:25.58	Ron Schafer '97
	P	2:30.67	Spencer Eldred '96
50 fly	N	25.89	William Specht '98
	P	27.56	Dick Thomas '89
100 fly	N	56.18	William Specht '98
	P	1:01.53	Sandy MacDonald '96
200 fly	N	2:02.97	William Specht '98
	P	2:18.80	Sandy MacDonald '97
100 IM	N	1:00.54	Clay Britt '01/7
	P	1:02.83	Spencer Eldred '96
200 IM	N	2:12.25	Jim Sorensen '98
	P	2:15.07	Spencer Eldred '96
400 IM	N	4:43.28	Hess Yntema '95
	P	5:00.15	Mike Keck '99

45-49

50 free	N	24.73	Bill Sherman '03
	P	25.10	Andrew McPherson '92
100 free	N	54.34	Jack Groselle '03
	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	4:14.73	Jim McConica '99
	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	16:51.21	Jim McConica '99
	P	17:19.87	Tim Broderick '96
50 back	N	28.40	Fritz Lehman '03
	P	30.53	Tim Birnie '93
100 back	N	1:00.09	Fritz Lehman '03
	P	1:05.77	Philip Arcuni '03

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200 back	N	2:36.25	Karen Einsidler	'01	200 back	N	2:13.36	Fritz Lehman	'03
	P	2:38.54	Laura Val	'99		P	2:21.01	Tod Spieker	'97
50 breast	N	36.63	Melinda Mann	'02	50 breast	N	30.83	Greg Oxley	'03
	P	37.32	Leianne Crittenden	'04		P	31.24	Lee Rider	'01
100 breast	N	1:19.93	Melinda Mann	'02	100 breast	N	1:07.77	Greg Oxley	'03
	P	1:23.36	Leianne Crittenden	'04		P	1:08.09	Lee Rider	'01
200 breast	N	2:54.05	Colette Crabbe	'02	200 breast	N	2:31.41	Greg Oxley	'03
	P	3:00.27	Danielle Ogier	'97		P	2:34.41	Bob Strand	'95
50 fly	N	30.74	Traci Granger	'04	50 fly	N	25.84	Paul Carter	'03
	P	30.99	Laura Val	'98		P	27.62	Dick Woodrow	'89
100 fly	N	1:08.10	Laura Val	'99	100 fly	N	57.17	Paul Carter	'03
	P	1:08.10	Laura Val	'99		P	1:02.11	Philip Arcuni	'03
200 fly	N	2:32.52	Laura Val	'99	200 fly	N	2:09.06	William Specht	'03
	P	2:32.52	Laura Val	'99		P	2:23.79	Matt Kanzler	'04
100 IM	N	1:11.82	Laura Val	'97	100 IM	N	1:02.20	Greg Oxley	'03
	P	1:11.82	Laura Val	'97		P	1:04.80	Andrew McPherson	'94
200 IM	N	2:36.60	Danielle Ogier	'00	200 IM	N	2:16.97	Tom Reudy	'99
	P	2:36.60	Danielle Ogier	'00		P	2:22.79	Tim Broderick	'97
400 IM	N	5:33.37	Laura Val	'99	400 IM	N	4:57.31	Greg Dozer	'02
	P	5:33.37	Laura Val	'99		P	5:09.34	Matt Kanzler	'04

50-54

50 free	N	28.54	Jackie Hirsty	'02
	P	28.56	Laura Val	'01
100 free	N	1:01.49	Laura Val	'01
	P	1:01.49	Laura Val	'01
200 free	N	2:14.66	Laura Val	'03
	P	2:14.66	Laura Val	'03
400 free	N	4:45.72	Laura Val	'03
	P	4:45.72	Laura Val	'03
800 free	N	9:50.53	Laura Val	'03
	P	9:50.53	Laura Val	'03
1500 free	N	18:59.17	Laura Val	'02
	P	18:59.17	Laura Val	'02
50 back	N	32.55	Jane Swagerty-Hill	'02
	P	33.10	Laura Val	'04
100 back	N	1:12.95	Laura Val	'01
	P	1:12.95	Laura Val	'01
200 back	N	2:41.20	Laura Val	'03
	P	2:41.20	Laura Val	'03
50 breast	N	37.94	Susan Jones-Roy	'01
	P	37.94	Susan Jones-Roy	'01
100 breast	N	1:22.53	Susan Jones-Roy	'01
	P	1:22.53	Susan Jones-Roy	'01
200 breast	N	2:59.48	Danielle Ogier	'02
	P	3:03.26	Susan Jones-Roy	'01
50 fly	N	31.16	Laura Val	'01
	P	31.16	Laura Val	'01
100 fly	N	1:09.05	Laura Val	'01
	P	1:09.05	Laura Val	'01
200 fly	N	2:44.84	Barbara Dunbar	'99
	P	3:11.83	Sperry Rademaker	'89
100 IM	N	1:13.12	Danielle Ogier	'02
	P	1:13.92	Laura Val	'02
200 IM	N	2:37.52	Danielle Ogier	'02
	P	2:37.90	Laura Val	'02
400 IM	N	5:36.28	Laura Val	'02
	P	5:36.28	Laura Val	'02

55-59

50 free	N	30.37	Ardeth Mueller	'96
	P	31.97	Nancy Ridout	'99
100 free	N	1:07.59	Barbara Dunbar	'04
	P	1:10.09	Carolyn Boak	'01
200 free	N	2:27.59	Barbara Dunbar	'04
	P	2:42.61	Nancy Ridout	'99
400 free	N	5:01.53	Barbara Dunbar	'04
	P	5:49.25	Nancy Ridout	'99
800 free	N	10:17.86	Barbara Dunbar	'04

50-54

50 free	N	24.26	Paul Trevisan	'03
	P	25.53	Thomas Whatley	'03
100 free	N	54.61	Paul Trevisan	'03
	P	56.67	Richard Garrett	'03
200 free	N	1:58.37	Jim McConica	'01
	P	2:06.51	Tod Spieker	'99
400 free	N	4:07.99	Jim McConica	'00
	P	4:27.55	Jim Clemmons	'02
800 free	N	8:44.51	Jim McConica	'01
	P	9:12.81	Tod Spieker	'98
1500 free	N	16:33.02	Jim McConica	'01
	P	17:32.20	Jim Clemmons	'01
50 back	N	29.50	Hugh Wilder	'97
	P	30.21	Tim Birnie	'97
100 back	N	1:04.17	Hugh Wilder	'97
	P	1:05.05	Tim Birnie	'97
200 back	N	2:20.42	Tod Spieker	'99
	P	2:20.42	Tod Spieker	'99
50 breast	N	31.24	Don McKenzie	'97
	P	31.24	Don McKenzie	'97
100 breast	N	1:09.96	Robert Strand	'96
	P	1:09.96	Robert Strand	'96
200 breast	N	2:34.71	Robert Strand	'96
	P	2:34.71	Robert Strand	'96
50 fly	N	26.79	Greg Shaw	'03
	P	28.82	Andrew McPherson	'97
100 fly	N	1:00.08	John McCall	'03
	P	1:03.67	Andrew McPherson	'97
200 fly	N	2:18.69	Scott Lautman	'03
	P	2:30.04	Jim Clemmons	'02
100 IM	N	1:03.75	Greg Shaw	'03
	P	1:04.97	Robert Strand	'96
200 IM	N	2:20.35	Greg Shaw	'03
	P	2:25.01	Robert Strand	'97
400 IM	N	4:58.93	Jim McConica	'01
	P	5:06.89	Jim Clemmons	'03

55-59

50 free	N	25.00	Rich Abrahams	'01
	P	26.60	Don Hill	'89
100 free	N	56.51	Rich Abrahams	'01
	P	58.66	Tim Birnie	'00
200 free	N	2:06.20	Tod Spieker	'03
	P	2:06.20	Tod Spieker	'03
400 free	N	4:28.73	Tod Spieker	'03
	P	4:28.73	Tod Spieker	'03
800 free	N	9:13.15	Tod Spieker	'03

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 2005 SEASON

1500 free	P	11:59.18	Linda Shoenberger	'04	1500 free	P	9:13.15	Tod Spieker	'03
	N	19:24.70	Barbara Dunbar	'04		N	17:35.21	Tod Spieker	'03
	P	22:35.82	Linda Shoenberger	'02	50 back	P	17:35.21	Tod Spieker	'03
50 back	N	36.07	Bettyann Barnett-Sallee	'01		N	30.25	Hugh Wildere	'03
	P	39.28	Ruth Shaps	'04	100 back	P	30.40	Tim Birnie	'00
100 back	N	1:19.20	Bettyann Barnett-Sallee	'01		N	1:04.89	Tim Birnie	'00
	P	1:31.50	Laverne Adams	'89	200 back	P	1:04.89	Tim Birnie	'00
200 back	N	2:58.14	Jackie Marr	'00		N	2:21.80	Tod Spieker	'03
	P	3:08.89	Ruth Shaps	'04	50 breast	P	2:21.80	Tod Spieker	'03
50 breast	N	39.35	Dale Barnhard	'03		N	32.18	Robert Strand	'01
	P	40.27	Carolyn Boak	'01	100 breast	P	32.18	Robert Strand	'01
100 breast	N	1:26.33	Dale Barnhard	'03		N	1:11.53	Robert Strand	'01
	P	1:29.70	Carolyn Boak	'01	200 breast	P	1:11.53	Robert Strand	'01
200 breast	N	3:12.18	Dale Barnhard	'03		N	2:38.76	Robert Strand	'01
	P	3:25.70	Daniela Barnea	'99	50 fly	P	2:38.76	Robert Strand	'01
50 fly	N	33.66	Ardeth Mueller	'97		N	27.21	Steve Borowski	'02
	P	36.91	Susan Tyler	'04	100 fly	P	29.52	Jim Delacy	'01
100 fly	N	1:16.31	Barbara Dunbar	'04		N	1:02.74	Steve Borowski	'02
	P	1:26.45	Susan Tyler	'04	200 fly	P	1:07.92	Jim Delacy	'01
200 fly	N	2:47.18	Barbara Dunbar	'04		N	2:22.73	Fred Schlicher	'03
	P	3:20.43	Gail Roper	'86	100 IM	P	2:42.05	Robert Proebsting	'93
100 IM	N	1:19.02	Carolyn Boak	'01		N	1:06.45	Dan Rogacki	'02
	P	1:19.02	Carolyn Boak	'01	200 IM	P	1:07.15	Robert Strand	'01
200 IM	N	2:52.43	Ardeth Mueller	'97		N	2:27.19	John Calvert	'00
	P	3:15.18	Gail Roper	'86	400 IM	P	2:32.50	Robert Strand	'02
400 IM	N	6:04.58	Barbara Dunbar	'04		N	5:13.29	Tod Spieker	'03
	P	7:09.64	Susan Munn	'94		P	5:13.29	Tod Spieker	'03
<u>60-64</u>					<u>60-64</u>				
50 free	N	32.92	Jackie Marr	'03	50 free	N	26.31	Jeff Farrell	'00
	P	33.23	Nancy Ridout	'02		P	27.87	Don Hill	'96
100 free	N	1:12.39	Jackie Marr	'03	100 free	N	1:00.24	Jeff Farrell	'00
	P	1:17.00	Nancy Ridout	'02		P	1:02.84	Richard Burns	'04
200 free	N	2:39.92	Lavelle Stoinoff	'93	200 free	N	2:15.84	Tom Landis	'02
	P	2:53.65	Susan Munn	'99		P	2:18.84	Richard Burns	'04
400 free	N	5:27.75	Jackie Marr	'03	400 free	N	4:54.94	Drury Gallagher	'99
	P	6:12.15	Nancy Ridout	'02		P	4:56.47	Ed Cazalet	'03
800 free	N	11:24.28	Ardeth Mueller	'04	800 free	N	10:10.78	Drury Gallagher	'98
	P	12:47.73	Susan Munn	'99		P	10:17.45	Ed Cazalet	'03
1500 free	N	21:33.34	Jackie Marr	'03	1500 free	N	19:15.89	Ed Cazalet	'03
	P	24:22.09	Susan Munn	'00		P	19:15.89	Ed Cazalet	'03
50 back	N	38.74	Betsy Jordan	'97	50 back	N	31.54	Robert Smith	'03
	P	44.57	Ann Kay	'94		P	31.65	Richard Burns	'03
100 back	N	1:24.16	Betsy Jordan	'97	100 back	N	1:08.85	Richard Burns	'03
	P	1:37.58	Ann Kay	'97		P	1:08.85	Richard Burns	'03
200 back	N	3:01.86	Jackie Marr	'03	200 back	N	2:34.17	Richard Burns	'03
	P	3:27.03	Ann Kay	'94		P	2:34.17	Richard Burns	'03
50 breast	N	41.35	Joann Leilich	'00	50 breast	N	33.71	Peter Andersen	'03
	P	44.91	Ann Pisciotta	'94		P	34.99	David Gildea	'03
100 breast	N	1:30.58	Joann Leilich	'00	100 breast	N	1:16.56	Peter Andersen	'03
	P	1:37.78	Ann Pisciotta	'92		P	1:16.89	Davd Gildea	'03
200 breast	N	3:18.25	Joann Leilich	'01	200 breast	N	2:53.12	Drury Gallagher	'98
	P	3:34.29	Ann Pisciotta	'94		P	2:53.21	David Gildea	'03
50 fly	N	36.27	Joy Ward	'02	50 fly	N	30.30	Robert Smith	'03
	P	41.14	Gail Roper	'89		P	30.57	Richard Burns	'03
100 fly	N	1:31.65	Jackie Marr	'03	100 fly	N	1:06.74	Robert Poiletman	'03
	P	1:39.76	Susan Munn	'99		P	1:11.44	Richard Burns	'04
200 fly	N	3:13.71	Ardeth Mueller	'04	200 fly	N	2:34.65	Robert Poiletman	'03
	P	3:50.14	Ann Pisciotta	'93		P	2:54.93	Richard Kitchell	'02
100 IM	N	1:24.91	Jackie Marr	'03	100 IM	N	1:09.39	Robert Smith	'03
	P	1:33.97	Florence Carr	'86		P	1:11.25	Richard Burns	'03
200 IM	N	3:03.22	Jackie Marr	'03	200 IM	N	2:35.95	Ed Cazalet	'03
	P	3:25.90	Florence Carr	'86		P	2:35.95	Ed Cazalet	'03
400 IM	N	6:27.20	Jackie Marr	'03	400 IM	N	5:34.43	Ed Cazalet	'03
	P	7:26.97	Ann Pisciotta	'92		P	5:34.43	Ed Cazalet	'03
<u>65-69</u>					<u>65-69</u>				
50 free	N	34.17	Gail Roper	'96	50 free	N	27.05	Jeff Farrell	'02
	P	34.17	Gail Roper	'96		P	29.78	Don Hill	'01

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 2005 SEASON

100 free	N	1:16.26	Gail Roper	'96	100 free	N	1:01.36	Jeff Farrell	'02
	P	1:16.26	Gail Roper	'96		P	1:09.11	Don Hill	'01
200 free	N	2:54.15	Gail Roper	'96	200 free	N	2:18.71	Jeff Farrell	'02
	P	2:54.15	Gail Roper	'96		P	2:37.82	Don Hill	'01
400 free	N	5:59.10	Lavelle Stoinoff	'02	400 free	N	5:09.09	Graham Johnston	'96
	P	6:15.75	Gail Roper	'95		P	5:37.93	Ed Kerwill	'91
800 free	N	12:20.68	Lavelle Stoinoff	'02	800 free	N	10:35.13	Graham Johnston	'96
	P	13:08.21	Gail Roper	'95		P	11:47.31	Don Hill	'01
1500 free	N	23:38.44	Clara Walker	'92	1500 free	N	19:53.18	Graham Johnston	'96
	P	24:31.69	Susan Munn	'03		P	22:37.53	Ed Kerwill	'91
50 back	N	40.11	Betsy Jordam	'03	50 back	N	33.38	Yoshi Oyakawa	'99
	P	43.32	Gail Roper	'96		P	37.53	Ray Taft	'87
100 back	N	1:26.96	Betsy Jordan	'02	100 back	N	1:14.66	Yoshi Oyakawa	'99
	P	1:36.28	Gail Roper	'96		P	1:23.00	Richard Bennett	'97
200 back	N	3:15.36	Betsy Jordan	'02	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	43.16	Joann Leilich	'04	50 breast	N	36.07	Manuel Sanguily	'98
	P	46.57	Gail Roper	'95		P	40.14	James Krueger	'03
100 breast	N	1:32.37	Joann Leilich	'04	100 breast	N	1:22.34	Manuel Sanguily	'98
	P	1:41.41	Gail Roper	'95		P	1:28.71	Jim Perilman	'04
200 breast	N	3:17.44	Joann Leilich	'04	200 breast	N	3:08.98	Bob Patten	'02
	P	3:41.93	Gail Roper	'95		P	3:16.91	Dick Peterson	'02
50 fly	N	38.44	Gail Roper	'95	50 fly	N	30.70	Bob Bailie	'01
	P	38.44	Gail Roper	'95		P	34.49	Emory Haworth	'01
100 fly	N	1:33.10	Gail Roper	'95	100 fly	N	1:13.32	Bert Petersen	'02
	P	1:33.10	Gail Roper	'95		P	1:23.62	Barry Fasbender	'03
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	3:23.18	Barry Fasbender	'03
100 IM	N	1:28.95	Gail Roper	'96	100 IM	N	1:12.51	Jeff Farrell	'02
	P	1:28.95	Gail Roper	'96		P	1:20.20	Ray Taft	'86
200 IM	N	3:18.77	Clara Walker	'91	200 IM	N	2:46.35	Jeff Farrell	'03
	P	3:19.06	Gail Roper	'96		P	3:05.38	Ray Taft	'85
400 IM	N	7:07.69	Gail Roper	'96	400 IM	N	6:04.40	Graham Johnston	'96
	P	7:07.69	Gail Roper	'96		P	6:38.74	Dick Peterson	'02

70-74

50 free	N	35.37	Gail Roper	'99
	P	35.37	Gail Roper	'99
100 free	N	1:18.67	Gail Roper	'99
	P	1:18.67	Gail Roper	'99
200 free	N	2:58.06	Gail Roper	'00
	P	2:58.06	Gail Roper	'00
400 free	N	6:27.21	Gail Roper	'99
	P	6:27.21	Gail Roper	'99
800 free	N	13:07.28	June Krauser	'96
	P	14:09.09	Gail Roper	'02
1500 free	N	24:57.85	June Krauser	'96
	P	25:40.21	Gail Roper	'99
50 back	N	42.58	Doris Steadman	'95
	P	45.30	Gail Roper	'99
100 back	N	1:35.66	Doris Steadman	'95
	P	1:41.28	Ann Kay	'04
200 back	N	3:27.79	Doris Steadman	'95
	P	3:45.79	Ann Kay	'04
50 breast	N	47.29	Ann Hirsch	'01
	P	47.29	Ann Hirsch	'01
100 breast	N	1:44.50	Ann Hirsch	'01
	P	1:44.50	Ann Hirsch	'01
200 breast	N	3:45.66	Ann Hirsch	'01
	P	3:45.66	Ann Hirsch	'01
50 fly	N	40.66	Gail Roper	'99
	P	40.66	Gail Roper	'99
100 fly	N	1:37.56	Gail Roper	'99
	P	1:37.56	Gail Roper	'99
200 fly	N	3:38.39	June Krauser	'96
	P	3:45.64	Gail Roper	'99
100 IM	N	1:32.23	Gail Roper	'00
	P	1:32.23	Gail Roper	'00
200 IM	N	3:30.92	Gail Roper	'99

70-74

50 free	N	28.68	Ron Johnson	'01
	P	32.52	John Richards	'92
100 free	N	1:06.26	Graham Johnston	'01
	N	1:12.57	John Richards	'92
200 free	N	2:24.31	Graham Johnston	'01
	P	2:46.86	Ray Taft	'89
400 free	N	5:09.75	Graham Johnston	'02
	P	5:56.06	Ray Taft	'89
800 free	N	10:52.68	Graham Johnston	'01
	N	12:15.49	Ray Taft	'88
1500 free	N	20:54.56	Graham Johnston	'01
	P	23:59.12	Aldo da Rosa	'88
50 back	N	33.90	Yoshi Oyakawa	'03
	P	38.44	Ray Taft	'89
100 back	N	1:15.85	Yoshi Oyakawa	'03
	P	1:24.30	Ray Taft	'89
200 back	N	2:51.24	Burwell Jones	'03
	P	3:07.57	Ray Taft	'89
50 breast	N	38.15	John Kortheuer	'01
	P	41.79	Norm Stupfel	'02
100 breast	N	1:25.11	Ron Johnson	'03
	P	1:32.13	Aldo da Rosa	'88
200 breast	N	3:12.98	Ron Johnson	'03
	P	3:24.66	Aldo da Rosa	'88
50 fly	N	32.57	Ron Johnson	'01
	P	38.14	Ray Taft	'89
100 fly	N	1:19.51	Ron Johnson	'01
	P	1:39.52	Aldo da Rosa	'89
200 fly	N	3:15.19	Ronald Johnson	'03
	P	3:37.63	Aldo da Rosa	'88
100 IM	N	1:15.92	Ron Johnson	'01
	P	1:21.87	Ray Taft	'89
200 IM	N	2:51.73	Burwell Jones	'03

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 2005 SEASON

400 IM	P	3:30.92	Gail Roper	'99	400 IM	P	3:08.13	Ray Taft	'89
	N	7:24.32	June Krauser	'96		N	6:21.46	Burwell Jones	'03
	P	7:36.99	Gail Roper	'99		P	6:50.27	Ray Taft	'89

75-79

50 free	N	37.24	Gail Roper	'04	50 free	N	31.06	Frank Piemme	'01
	P	41.87	Margery Meyer	'98		P	33.35	Ray Taft	'95
100 free	N	1:25.39	Gail Roper	'04	100 free	N	1:11.55	Frank Piemme	'00
	P	1:33.87	Margery Meyer	'98		P	1:13.47	Ray Taft	'95
200 free	N	3:09.71	Gail Roper	'04	200 free	N	2:47.43	Frank Piemme	'00
	P	3:25.32	Margery Meyer	'98		P	2:48.67	Ray Taft	'94
400 free	N	6:44.09	Jean Troy	'02	400 free	N	6:01.32	Frank Piemme	'00
	P	7:01.36	Margery Meyer	'98		P	6:02.95	Ray Taft	'95
800 free	N	13:59.01	Jean Troy	'02	800 free	N	12:13.28	Frank Piemme	'00
	P	14:46.26	Margery Meyer	'98		P	12:45.40	Ray Taft	'94
1500 free	N	27:02.62	Gail Roper	'04	1500 free	N	24:22.70	Frank Piemme	'00
	P	27:47.25	Margery Meyer	'98		P	24:46.19	Aldo da Rosa	'93
50 back	N	44.76	Doris Steadman	'99	50 back	N	38.38	Paul Hutinger	'99
	P	55.61	Marjorie Sharpe	'96		P	39.83	Ray Taft	'94
100 back	N	1:39.76	Doris Steadman	'00	100 back	N	1:25.13	Paul Hutinger	'00
	P	1:59.09	Margery Meyer	'00		P	1:27.41	Ray Taft	'94
200 back	N	3:38.25	Doris Steadman	'99	200 back	N	2:58.21	Roger Franks	'02
	P	4:31.94	Nan Blackledge	'03		P	3:10.22	Ray Taft	'94
50 breast	N	51.32	Carol Taylor	'04	50 breast	N	42.40	Charles Urstadt	'03
	P	58.54	Jae Howell	'97		P	44.30	Aldo da Rosa	'93
100 breast	N	1:52.35	Gail Roper	'04	100 breast	N	1:35.87	Robert Mac Donald	'03
	P	2:13.96	Barbara Owens	'04		P	1:37.39	Aldo da Rosa	'92
200 breast	N	4:03.79	Gail Roper	'04	200 breast	N	3:29.54	Al Craig	'03
	P	4:48.37	Barbara Owens	'04		P	3:34.29	Aldo da Rosa	'93
50 fly	N	44.18	Gail Roper	'04	50 fly	N	34.83	Frank Piemme	'00
	P	1:02.11	Zada Taft	'94		P	38.70	Ray Taft	'95
100 fly	N	1:50.72	Gail Roper	'04	100 fly	N	1:35.41	Frank Piemme	'00
	P	2:20.69	Jean Durston	'89		P	1:41.10	Ray Taft	'95
200 fly	N	4:08.39	Lois Kivi Nochman	'99	200 fly	N	3:39.51	Tom Maine	'02
	P	4:58.40	Jean Durston	'89		P	3:59.25	Aldo da Rosa	'94
100 IM	N	1:38.11	Gail Roper	'04	100 IM	N	1:24.42	Frank Piemme	'00
	P	2:09.26	Barbara Owens	'04		P	1:27.43	Ray Taft	'94
200 IM	N	3:43.58	June Krauser	'01	200 IM	N	3:16.44	Frank Piemme	'00
	P	4:38.45	Jean Durston	'90		P	3:20.35	Ray Taft	'94
400 IM	N	7:52.71	June Krauser	'01	400 IM	N	6:59.68	Frank Piemme	'00
	P	9:43.56	Jae Howell	'97		P	7:08.53	Ray Taft	'94

80-84

50 free	N	41.34	Margery Meyer	'02	50 free	N	35.16	Woodrow Bowersock	'93
	P	41.34	Margery Meyer	'02		P	36.78	Aldo da Rosa	'99
100 free	N	1:34.45	Margery Meyer	'02	100 free	N	1:20.65	Woodrow Bowersock	'93
	P	1:34.45	Margery Meyer	'02		P	1:21.52	Ray Taft	'99
200 free	N	3:27.57	Margery Meyer	'02	200 free	N	3:00.63	Ray Taft	'99
	P	3:27.57	Margery Meyer	'02		P	3:00.63	Ray Taft	'99
400 free	N	7:22.84	Margery Meyer	'02	400 free	N	6:27.60	Ray Taft	'99
	P	7:22.84	Margery Meyer	'02		P	6:27.60	Ray Taft	'99
800 free	N	15:49.21	Rita Simonton	'98	800 free	N	13:29.27	Ray Taft	'99
	P	16:03.95	Margery Meyer	'04		P	13:29.27	Ray Taft	'99
1500 free	N	29:39.08	Margery Meyer	'02	1500 free	N	25:35.01	Ray Taft	'99
	P	29:39.08	Margery Meyer	'02		P	25:35.01	Ray Taft	'99
50 back	N	50.03	Margery Meyer	'02	50 back	N	42.96	Ray Taft	'99
	P	50.03	Margery Meyer	'02		P	42.96	Ray Taft	'99
100 back	N	1:55.79	Margery Meyer	'02	100 back	N	1:33.58	Ray Taft	'99
	P	1:55.79	Margery Meyer	'02		P	1:33.58	Ray Taft	'99
200 back	N	4:14.53	Margery Meyer	'03	200 back	N	3:23.73	Ray Taft	'99
	P	4:14.53	Margery Meyer	'03		P	3:23.73	Ray Taft	'99
50 breast	N	1:02.54	Muriel Flynn	'03	50 breast	N	45.40	Max von Isser	'99
	P	1:05.34	Margery Meyer	'04		P	47.49	Aldo da Rosa	'99
100 breast	N	2:19.11	Rita Simonton	'98	100 breast	N	1:43.54	Max von Isser	'99
	P	2:28.62	Margery Meyer	'04		P	1:49.05	Aldo da Rosa	'99
200 breast	N	4:49.62	Rita Simonton	'98	200 breast	N	3:58.96	Aldo da Rosa	'99
	P	5:22.60	Jae Howell	'02		P	3:58.96	Aldo da Rosa	'99
50 fly	N	55.65	Lois Kivi Nochman	'04	50 fly	N	41.87	Andrew Holden	'99
	P	1:03.26	Jean Durston	'94		P	47.55	Ray Taft	'99

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 2005 SEASON

100 fly	N	2:02.63	Lois Kivi Nochman '04	100 fly	N	1:50.39	Anton Cerer '97
	P	2:28.34	Jean Durston '94		P	1:53.80	Ray Taft '99
200 fly	N	4:36.80	Lois Kivi Nochman '04	200 fly	N	4:00.64	Anton Cerer '97
	P	5:24.06	Jae Howell '02		P	4:57.45	Richard Smith '01
100 IM	N	2:02.01	Margery Meyer '03	100 IM	N	1:35.31	Ray Taft '99
	P	2:02.01	Margery Meyer '03		P	1:35.31	Ray Taft '99
200 IM	N	4:30.06	Lois Kivi Nochman '04	200 IM	N	3:37.04	Ray Taft '99
	P	4:38.24	Margery Meyer '02		P	3:37.04	Ray Taft '99
400 IM	N	9:31.73	Lois Kivi Nochman '04	400 IM	N	7:37.58	Ray Taft '99
	P	10:09.01	Jean Durston '94		P	7:37.58	Ray Taft '99
<u>85-89</u>				<u>85-89</u>			
50 free	N	49.92	Rita Simonton '03	50 free	N	36.61	Jim Eubank '00
	P	52.89	Marjorie Sharpe '03		P	37.96	William Johnston '03
100 free	N	1:49.64	Rita Simonton '03	100 free	N	1:23.20	Jim Eubank '00
	P	1:55.38	Marjorie Sharpe '02		P	1:35.43	Aldo da Rosa '02
200 free	N	3:57.48	Rita Simonton '03	200 free	N	3:13.45	Jim Eubank '00
	P	4:16.84	Marjorie Sharpe '03		P	3:46.07	Steve Carlson '04
400 free	N	8:17.82	Rita Simonton '03	400 free	N	7:19.94	Jim Eubank '00
	P	8:45.92	Marjorie Sharpe '02		P	7:47.75	Aldo da Rosa '02
800 free	N	16:49.43	Rita Simonton '03	800 free	N	15:15.68	Jim Eubank '00
	P	20:28.81	Marjorie Sharpe '03		P	19:04.68	William Johnston '03
1500 free	N	31:44.50	Rita Simonton '03	1500 free	N	29:55.69	Jim Eubank '00
	P				P	38:31.76	William Johnston '04
50 back	N	1:00.39	Marjorie Sharpe '02	50 back	N	47.34	Aldo da Rosa '02
	P	1:00.39	Marjorie Sharpe '02		P	47.34	Aldo da Rosa '02
100 back	N	2:16.59	Marjorie Sharpe '02	100 back	N	1:48.79	Aldo da Rosa '02
	P	2:16.59	Marjorie Sharpe '02		P	1:48.79	Aldo da Rosa '02
200 back	N	4:53.35	Marjorie Sharpe '02	200 back	N	4:00.80	Aldo da Rosa '02
	P	4:53.35	Marjorie Sharpe '02		P	4:00.80	Aldo da Rosa '02
50 breast	N	1:09.77	Marti Gogniat '95	50 breast	N	50.99	Paul Krupp '03
	P	1:27.01	Audrey Etienne '01		P	52.34	Aldo da Rosa '02
100 breast	N	2:38.48	Marti Gogniat '95	100 breast	N	1:56.21	Aldo da Rosa '02
	P	2:46.38	Jean Durston '99		P	1:56.21	Aldo da Rosa '02
200 breast	N	5:59.36	Marti Gogniat '97	200 breast	N	4:16.20	Aldo da Rosa '02
	P				P	4:16.20	Aldo da Rosa '02
50 fly	N	1:07.35	Jean Durston '99	50 fly	N	52.74	Walter Pfeiffer '98
	P	1:07.35	Jean Durston '99		P	54.75	Aldo da Rosa '02
100 fly	N	2:36.50	Jean Durston '99	100 fly	N	2:04.50	Walter Pfeiffer '98
	P	2:36.50	Jean Durston '99		P	2:13.39	Aldo da Rosa '02
200 fly	N	5:42.80	Jean Durston '99	200 fly	N	4:49.10	Walter Pfeiffer '98
	P	5:42.80	Jean Durston '99		P	6:10.72	William Johnston '03
100 IM	N	2:12.85	Jewell Cooke '95	100 IM	N	2:11.22	Woodrow Bowersock '99
	P	2:25.02	Jean Durston '99		P	2:12.26	William Johnston '03
200 IM	N	5:12.01	Jean Durston '99	200 IM	N	4:07.59	Aldo da Rosa '02
	P	5:12.01	Jean Durston '99		P	4:07.59	Aldo da Rosa '02
400 IM	N	10:55.73	Jean Durston '99	400 IM	N	9:32.65	Walter Pfeiffer '98
	P	10:55.73	Jean Durston '99		P	11:07.74	William Johnston '03
<u>90-94</u>				<u>90-94</u>			
50 free	N	1:09.85	Jewel Cooke '00	50 free	N	41.07	Woody Bowersock '03
	P	2:08.15	Margot Lenigk '01		P	59.79	Joe Kaufman '95
100 free	N	2:35.08	Jewel Cooke '00	100 free	N	1:39.26	Woody Bowersock '03
	P	4:55.65	Margot Lenigk '01		P	2:09.34	Jim Triolo '04
200 free	N	5:34.59	Maxine Merlino '02	200 free	N	3:59.28	Woody Bowersock '03
	P	7:06.00	Susan Hanson '04		P	4:49.62	Jim Triolo '04
400 free	N	10:45.34	Maxine Merlino '02	400 free	N	8:50.65	Gus Langner '93
	P				P	9:47.46	Jim Triolo '04
800 free	N	22:18.84	Maxine Merlino '02	800 free	N	19:31.83	Woody Bowersock '03
	P				P		
1500 free	N	44:27.18	Maxine Merlino '02	1500 free	N	40:49.23	Woody Bowersock '03
	P				P		
50 back	N	1:22.64	Jewel Cooke '00	50 back	N	59.12	Woody Bowersock '03
	P	1:45.75	Susan Hanson '04		P	1:06.29	Jim Triolo '04
100 back	N	3:05.96	Jewel Cooke '99	100 back	N	2:06.00	Woody Bowersock '03
	P	3:41.36	Susan Hanson '04		P	2:31.93	Jim Triolo '04
200 back	N	6:32.92	Jewel Cooke '99	200 back	N	4:47.45	Woody Bowersock '03
	P				P	5:18.95	Jim Triolo '04
50 breast	N	1:38.63	Madeleine Miller '00	50 breast	N	1:07.22	Jim Penfield '98

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 2005 SEASON

100 breast	P	2:30.41	Susan Hanson	'04	100 breast	P	2:06.95	Bill Reeder	'01
	N	4:06.89	Jewel Cooke	'99		N	2:45.20	Jim Penfield	'98
200 breast	P				200 breast	P	4:23.45	Bill Reeder	'01
	N	9:03.85	Jewel Cooke	'99		N	5:58.17	Walt Pfeiffer	'03
50 fly	P				50 fly	P			
	N	1:35.56	Maxine Merlino	'02		N	56.09	Walt Pfeiffer	'03
100 fly	P				100 fly	P	2:08.74	Bill Reeder	'01
	N	4:06.32	Jewel Cooke	'99		N	2:21.82	Walt Pfeiffer	'03
200 fly	P				200 fly	P	4:50.20	Bill Reeder	'01
	N					N	5:37.23	Walt Pfeiffer	'03
100 IM	P				100 IM	P			
	N	3:06.87	Maxine Merlino	'04		N	2:14.23	Walt Pfeiffer	'03
200 IM	P				200 IM	P	4:00.44	Bill Reeder	'01
	N	6:25.12	Maxine Merlino	'03		N	5:13.24	Walt Pfeiffer	'03
400 IM	P				400 IM	P	8:43.21	Bill Reeder	'01
	N	14:55.37	Jewel Cooke	'99		N	11:15.65	Walt Pfeiffer	'03
	P					P			

95-99

50 free	N				50 free	N	57.57	Gus Langner	'98
	P					P			
100 free	N				100 free	N	2:19.51	Gus Langner	'98
	P					P			
200 free	P				200 free	N	5:13.46	Gus Langner	'98
	P					P			
400 free	N				400 free	N	10:51.93	Gus Langner	'98
	P					P			
800 free	N				800 free	N	22:05.55	Gus Langner	'98
	P					P			
1500 free	N				1500 free	N	41:29.87	Gus Langner	'98
	P					P			
50 back	N				50 back	N	1:27.67	Gus Langner	'98
	P					P			
100 back	N				100 back	N	3:38.07	Gus Langner	'98
	P					P			
200 back	N				200 back	N	8:32.34	Gus Langner	'98
	P					P			
50 breast	N				50 breast	N	1:31.60	Gus Langner	'98
	P					P			
100 breast	N				100 breast	N	3:35.33	Gus Langner	'98
	P					P			
200 breast	N				200 breast	N	7:29.31	Gus Langner	'98
	P					P			
100 IM	N				100 IM	N	3:33.98	Gus Langner	'98
	P					P			

100-104

50 free	N				50 free	N	2:06.66	Tom Lane	'95
100 free	N				100 free	N	4:32.29	Tom Lane	'95
50 back	N				50 back	N	2:02.52	Tom Lane	'95

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 2005 SEASON

WOMEN'S 200M FREESTYLE RELAYS

76-99	
N	1:54.83 New England Masters '99 Murphy, Allen, Hackmer, Stringfellow
P	2:00.48 Davis Aquatic Masters '95 Birnle, Cerruti, Schultz, Lundmark
100-119	
N	1:45.93 Michigan '96 Burrell, Devlin, Mueting, Taormina
P	2:04.52 Walnut Creek Masters '97 Foster, Baker, Duggan, Woehrle
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	1:53.36 San Diego '03 Coover, Krattli, Davidson, Pipes-Neilsen
P	2:02.42 Walnut Creek Masters '97 Landers, Flansburg, Brittingham, Vidal
200-239	
N	2:04.54 San Diego '03 Pipes-Neilsen, Krattli, Lund, Marr
P	2:11.64 Tamalpais Aq. Masters '89 Konig, Adams, Rademaker, Ridout
240-279	
N	2:19.96 DC Masters '00 Frid, Schreiner, Bruner, Leilich
P	2:55.74 Menlo Masters '04 Kay, Long, Dutro, Collin
280-319	
N	2:44.58 Arizona Masters '04 Bolar, Kinney, Taylor, Roper
P	3:16.06 Walnut Creek Masters '89 Reeves, Joy, Durston, Howell
320-359	
N	3:25.71 Florida Mavericks '02 Troy, Schimpf, Zint, Carr
P	

WOMEN'S 200M MEDLEY RELAYS

76-99	
N	2:09.67 New England '99 Veazey, Boehm, Stringfellow, Allen
P	2:13.89 Davis Aquatic Masters '95 Birnle, Cerruti, Schultz, Lundmark
100-119	
N	2:05.66 San Diego '95 Davidson, Bouwma, Pipes-Neilsen, Mortensen
P	2:30.05 San Mateo Marlins '97 Sandlin, Stockwell, Wolfe, Taradash
120-159	
N	2:05.27 San Diego Masters '94 Davidson, Bouma, Pipes, Knight
P	2:16.54 Mountain View Masters '03 Reilly, Richter, Augerson, Jones
160-199	
N	2:06.09 San Diego '03 Pipes-Neilsen, Krattli, Davidson, Coover
P	2:23.40 Mountain View Masters '03 Leutner, Chandler, Reilly, Engel
200-239	
N	2:18.96 Oregon Masters '03 Andrus-Hughes, Crabbe, Ward, Teischer
P	2:34.15 Tamalpais Aq. Masters '89 Adams, Ridout, Rademaker, Konig
240-279	
N	2:42.88 San Diego Masters '01

Jordan, Sike, Lund, Marr	
P	3:14.68 Walnut Creek Masters '92 Howell, Hoss, Monroe, Alexander
280-319	
N	3:01.44 Arizona Masters '04 Kinney, Taylor, Roper, Bolar
P	3:35.52 Walnut Creek Masters '97 Joy, Howell, Brittingham, Durston
320-359	
N	4:13.67 Florida Mavericks '02 Roumasset, Buel, Taft, Etienne
P	4:39.75 San Mateo '96 Roumasset, Buel, Taft, Etienne

WOMEN'S 400M FREESTYLE RELAYS

76-99	
N	4:14.74 New England '99 Stringfellow, Allen, Hackmer, Murphy
P	4:23.57 Davis Aquatic Masters '95 Birnle, Cerruti, Schultz, Lundmark
100-119	
N	4:09.10 New England Masters '01 Devito, Wang, Stokes, Morawski
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	5:20.92 USA Water Bandits '99 Brittingham, Hull, Thomas-Will, Leveroni
200-239	
N	4:46.00 Gold Coast Masters '03 McDonnell, Mancino, Laborwit, Devanney
P	5:31.07 Rinconada Masters '94 Macpherson, Kelly, Peterson, Springer
240-279	
N	5:25.45 DC Masters '00 Bruner, Frid, Leilich, Schreiner
P	
280-319	
N	6:10.44 Florida Mavericks '02 Troy, Homans, Carr, Tullman
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	4:46.62 Terrapin Masters '04 Hnath, Bowman, Teerlink, Stakem
P	
100-119	
N	4:41.95 San Diego '97 Terry, Pipes-Neilsen, North, Gleason
P	4:54.64 Rinconada Masters '94 Kanazawa, Baxter, Raab, Heiberger
120-159	
N	4:35.13 Patriot Masters '02 Clifford-Dicks, Middlemore, Coulson-Moore, Ward

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 2003 SEASON

P 4:48.99 Walnut Creek '97
Boscovich, Morgan, Ward, Vidal

160-199

N 4:43.31 San Diego '98
Pipes-Neilsen, Krattli, Dunbar, Knight

P 5:00.90 Los Altos Masters '93
Lehr, Roy, Val, Boak

200-239

N 5:07.75 San Diego '01
Fink, Krattli, Dunbar, Little

P 5:23.58 Walnut Creek Masters '04
Landers, Crittenden, O'Brien, Scott

240-279

N 6:09.31 DC Masters '01
Frid, Leilich, Bruner, Schreiner

P 7:56.70 Rinconada Masters '93
Blackledge, Weiss, Callison, Scholer

280-319

N 6:54.56 Arizona Masters '04
Kinney, Taylor, Bolar, Roper

P 8:16.37 San Mateo Marlins '92
Barnes, Schultz, Taft, Etienne

320-359

N 10:12.19 Walnut Creek Marlins '97
Sidorski, Joy, Durston, Reeves

P 10:12.19 Walnut Creek Marlins '97
Sidorski, Joy, Durston, Reeves

WOMEN'S 800M FREESTYLE RELAYS

76-99

N 9:11.28 Terrapin Masters '04
Bowman, Stakem, Hnath, Teerlink

P 12:14.64 Burlingame Masters '04
Shults, Evans, Kalmar, Murphy

100-119

N 9:16.40 San Diego '95
Davidson, Gleason, Bouwma, North

P 11:34.77 Mountain View Masters '03
Rees, Barella, Maurer, Burchick

120-259

N 9:05.72 San Diego Masters '96
North, Mortensen, Knight, Pipes-Neilsen

P 9:57.27 Mountain View Masters '03
Donahue, Errington, Hoerber, Sugiura

160-199

N 9:27.59 San Diego '98
Knight, Krattli, Dunbar, Pipes-Neilsen

P 9:56.47 Walnut Creek Masters '04
Landers, O'Brien, Swigert, Crittenden

200-239

N 10:32.97 St. Louis Masters '04
Mueller, McDowell, Kohn, Shinn

P 11:14.98 Rinconada Masters '94
Kelley, Cavanaugh-Ball, Macpherson, Brems

240-279

N 12:12.73 San Diego '98
Dallam, Lund, Jordan, Marr

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 18:25.47 Florida Mavericks '01
Schimpf, Hughes, Reynolds, Carr

P 20:48.75 San Mateo Marlins '94

Etienne, Ro
umasset, 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 1:35.70 El Segundo Masters '97

Wattles, Robinson, Rinzler, Bergen

P 1:39.19 Santa Clara Masters '93

Mariniuk, Reid, Moore, Kutler

120-159

N 1:35.56 Garden State Masters '02

Sawin, Matheson, Gonzalez, Buren

P 1:40.44 Walnut Creek Masters '03

Nonaka, Brown, Volpp, Boatwright

160-199

N 1:39.07 Garden State Masters '03

Buren, Tsuzuki, Gonzalez, Geiman

P 1:39.11 Burlingame Masters Watersports '03

Garrett, McAweeney, Whatley, Mackenzie

200-239

N 1:40.71 Colonials 1776 '03

Trevisan, Meade, Slenker, Oxley

P 1:48.19 The Olympic Club '95

Krueger, Strand, VanHorn, VanderBogart

240-279

N 1:50.90 San Diego Masters '03

Anderson, Freshley, Ahern, Van Baalen

P 2:12.87 Menlo Masters '03

McLachlan, Dawson, Sulzback, Gildea

280-319

N 2:04.66 Team Texas '01

Johnston, Campbell, Ferguson, Bailie

P 2:30.21 Walnut Creek Masters '04

Johnston, Perilman, Mayo, Haworth

320-359

N 2:35.71 Oregon '99

Walter, Huestis, Holden, DeLay

P

360-399

N 7:16.52 North Carolina Masters '03

Campbell, Rutter, Hoffamn, Scherbarth

P

MEN'S 200M MEDLEY RELAYS

76-99

N 1:54.30 S. California Aquatics '97

Briseno, Jahn, Lemm, Takahashi

P 1:55.43 Davis Aquatic Masters '95

Slakoff, Lynch, Winsor, Grahn

100-119

N 1:45.73 El Segundo Masters '97

Robinson, Huston, Rinzler, Bergen

P 1:58.35 S. F. Rec & Parks '99

Ruggiero, Williams, Martel, Lapaz

120-159

N 1:45.01 Baylor/Lone Star Masters '94

Yarid, G. Rhodenbaugh, Patten, M. Rodenbaugh

P 1:51.30 Davis Aquatic Masters '95

Keppeler, Lynch, Greene, McPherson

160-199

N 1:50.71 Ancient Mariners '02

Britt, Dicks, Feinstein, Fell

P 1:57.54 SF Tsunami '03

Fitzgibbons, Putterman, Oakes, Glaser

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 2003 SEASON

N 15:10.98 Coast Masters '97
Giberson,Bowersock,Christians,Pfeiffer
P

P 2:15.20 Feldmann,Rogacki,Shaw,Luker
Tamalpais Aq. Masters '04
Burns,Frost,Val,Ridout

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 1:41.62 El Segundo Masters '97
Bergen,Graner-Gallas,Rinzler,Hannenian

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

120-159

N 1:41.37 El Segundo Masters '00
Francis,Bergen,Rinzler,Graner-Gallas

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 1:49.36 New England Masters '02
Rogacki,Feldmann,Luker,Shaw

P 2:00.97 San Mateo '99
Brown,Ogier,Finch,Galine

240-279

N 2:04.01 Gold Coast Masters '04
McIntyre,Laborwit,Rapperport,McDonnell

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

280-319

N 2:29.78 San Diego '99
Little,Jordan,Hubbard,Eubank

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

320-359

N 2:51.05 Santa Barbara Masters '04
Piemme,Altus,Baar,Schmidt

P 3:33.37 San Mateo Marlins '97
Etienne,Taft,Taft,Kaufman

MIXED 200M MEDLEY RELAYS

76-99

N 1:57.66 New England '99
Murphy,Wriede,Goldman,Hackmer

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

100-119

N 1:52.80 El Segundo Masters '97
Graner-Gallas,Huston,Robinson,Hannenian

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

120-159

N 1:53.07 El Segundo Masters '00
Francis,Bergen,Rinzler,D.Graner-Gallas

P 2:01.48 Burlingame Masters '04
Kiedel,Hebert,Crowe-Hill,Kreppel

160-199

N 1:59.93 San Diego '99
Pipes-Neilsen,Krattli,Dixon,Kernan

P 2:08.88 Walnut Creek Masters '04
Chao,Crittenden,O'Brien,Boatwright

200-239

N 2:03.52 New England Masters '02

240-279

N 2:23.09 San Diego '03
Marr,Anderson,Ahern,Lund

P 2:32.46 Los Altos Masters '91
Sehorn,Richards,Val,Craddock

280-319

N 2:49.11 San Diego '03
Jordan,Best,Draves,Pipes

P 3:01.83 Walnut Creek Masters '03
Mayo,Hirsch,Morner,Monroe

320-359

N 3:26.35 Florida Mavericks '03
Hutinger,Reynolds,Troy,Cleveland

P 4:23.02 San Mateo Marlins '91
Kaufman,Buel,Taft,Keil

360-399

N 5:12.04 Coast Masters '03
Miller,Merlino,Pfeiffer,Bowersock

P

MIXED 400M FREESTYLE RELAYS

76-99

N 3:53.00 Metropolitan Masters '04
Buren,Schned,Griffis,Abbey

P 4:08.78 Santa Clara Swim Club '94
Millard,Moore,Watkins,Lichtenwald

100-119

N 3:49.96 Burlingame Masters Watersports '02
Kolbisen,Ghilardi,Taner,Henderson

P 3:49.96 Burlingame Masters Watersports '02
Kolbisen,Ghilardi,Taner,Henderson

120-159

N 3:54.42 San Diego '96
Voisard,Segreto,Pipes-Neilsen,Davidson

P 3:57.97 Burlingame Masters '04
Mackenzie,Kiedel,Kreppel,Crowe-Hill

160-199

N 3:57.64 San Diego '96
Pipes-Neilsen,Knight,Cartwright,Mench

P 4:04.80 Burlingame Masters '04
Chalmers,McAweeney,Ferrara,Miller

200-239

N 4:10.72 San Diego Swim Masters '03
Dunbar,Ahern,Pipes-Neilsen,Keeney

P 4:32.03 Walnut Creek Masters '04
Smyers,Swigert,King,Heim-Bowen

240-279

N 4:44.24 Gold Coast Masters '04
McIntyre,Laborwit,Rapperport,McDonnell

P 5:21.98 Walnut Creek Masters '01
Monroe,Kraetzer,Flickenger,DeLacy

280-319

N 5:49.30 Ojai Santa Barbara '95
Piemme,Baar,Altus,Schmidt

P 6:13.99 Walnut Creek Masters '04
Morner,Hirsch,Mayo,Monroe

320-359

N 6:57.44 San DiegoMasters '01
Siefert,Dallam,Silva,Eubank

P 7:37.89 San Mateo Master Marlins'01
Taioli,R.Taft,Etienne,G.Stupfel

MIXED 400M MEDLEY RELAYS

76-99

N 4:22.07 Terrapin Masters '02
Crowder,Adankova,Perkins,DiBlasi

P 4:24.35 Walnut Creek Masters '04
Tam,Tukna,Messian,Krauss

USMS AND PMS SHORT COURSE METERS RECORDS FOR THE 2003 SEASON

					Eubank,Pipes,Draves,Dunbar
100-119				P	
N	4:16.58	New England '02		320-359	
		Lo-Pinto,Morawski,Eaddy,Stokes		N	16:00.93 San Diego Masters '01
P	4:30.79	Santa Clara Masters '93			Siefert,Dallam,Silva,Eubank;
		Mariniuk,Parrack,Ross,Elleman		P	17:11.69 San Mateo Marlins '94
120-159					Kaufman,Roumasset,Taft,Etienne
N	4:18.78	New England Masters '00		360-399	
		Andersson,Fehlau,Carr,Kusznir			
P	4:40.02	Chico Masters '97			
		Aird,Aird,Hernandez,Peck			
160-199					
N	4:32.89	The Olympic Club '95			
		Ferroggiaro,Strand,Jolly,Ogier			
P	4:32.89	The Olympic Club '95			
		Ferroggiaro,Strand,Jolly,Ogier			
200-239					
N	4:36.34	Oregon Masters '04			
		Andrus-Hughes,Stark,Crabbe,Philbrick			
P	4:50.08	Tamalpais '98			
		Burns,Parlapiano,Val,Ridout			
240-279					
N	5:26.79	San Diego '04			
		Pipes-Neilsen,Andersen,Ahern,Lund			
P	6:06.70	Rinconada Masters '94			
		Kay,Motmans,Shaw,Callison			
280-319					
N	6:34.16	Florida Mavericks '00			
		Hutinger,Maloney,Tullman,Troy			
P	7:40.11	San Mateo Marlins '97			
		Etienne,Finch,Taft,Taioli			
320-359					
N	8:29.59	San Diego Masters '01			
		Siefert,Dallam,Silva,Eubank			
P	9:07.66	San Mateo Marlins '94			
		Kaufman,Wells,Roumasset,Buel			
MIXED 800M FREESTYLE RELAYS					
76-99					
N	8:51.55	Terrapin Masters '03			
		Stakem,Bowman,Strahota,Crowder			
P	9:03.90	Davis Aquatic Masters '95			
		Birnie,Schultz,Green,Lynch			
100-119					
N	8:41.15	Rutgers/Berkeley Aq. '97			
		Yeomans,Coll,Appleton,Toothill			
P	9:44.20	Davis Aquatic Masters '92			
		Greene,Duncan,West,Scovel			
120-159					
N	8:52.75	Crescent Hill '97			
		Schmied,Gatti,Johnson,Neal			
P	9:01.85	Strawberry Canyon '94			
		Mocium,Buchanan,Czekala,Steiner			
160-199					
N	8:53.46	San Diego '97			
		Boswell,Pipes-Neilsen,Dunbar,Mench			
P	10:23.09	Mountain View Masters '04			
		Sugiura,Stenz,Campbell,I.Smith			
200-239					
N	9:11.93	New England Masters '02			
		Shaw,Hirsty,Grilli,Rogacki			
P	10:25.79	Burlingame Masters '04			
		Skuse,Litman,Finch,Ferrara			
240-279					
N	10:53.84	San Diego '01			
		Moseley,Jordan,Ahern,Marr			
P	11:52.89	Rinconada Masters '94			
		Macpherson,Springer,da Rosa,Shaw			
280-319					
N	12:50.06	San Diego Swim Masters '02			