

USMS/PMS LONG COURSE RECORDS - 2000

19-24		WOMEN		19-24		MEN			
50 free	N	27.92	Sharon Scott	'96	50 free	N	24.03	David Lawson	'95
	P	27.63	Terina Cook	'97		P	24.52	D. Mendenhall, Lee Wanie	'88/'98
100 free	N	1:01.49	Anita Harrison	'90	100 free	N	52.16	Joe Tristan	'99
	P	1:01.91	Blanca Castillo	'88		P	53.90	Tony Batis	'89
200 free	N	2:13.43	Katrina Walters	'96	200 free	N	1:52.74	Joe Tristan	'99
	P	2:13.43	Katrina Walters	'96		P	1:56.99	Tony Batis	'89
400 free	N	4:36.94	Katrina Walters	'96	400 free	N	4:08.73	Brad Winsor	'95
	P	4:36.94	Katrina Walters	'96		P	4:08.73	Brad Winsor	'95
800 free	N	9:31.25	Alison Zamanian	'94	800 free	N	8:47.65	Brad Winsor	'95
	P	9:31.25	Alison Zamanian	'94		P	8:47.65	Brad Winsor	'95
1500 free	N	18:17.40	Alison Zamanian	'94	1500 free	N	17:12.51	James Allen	'91
	P	18:17.40	Alison Zamanian	'94		P	17:12.53	Brad Winsor	'95
50 back	N	31.55	Tori Smith	'90	50 back	N	27.43	David Lawson	'95
	P	32.24	Katrina Walters	'96		P	28.76	Brian Nabeta	'94
100 back	N	1:06.09	Dawn Braciak	'87	100 back	N	1:00.37	David Lawson	'95
	P	1:09.48	Katrina Walters	'96		P	1:02.66	Lee Wanie	'98
200 back	N	2:26.62	Michelle Donahue	'92	200 back	N	2:13.60	Joe Tristan	'97
	P	2:28.89	Katrina Walters	'96		P	2:27.73	Michael Wagnon	'81
50 breast	N	33.66	Elizabeth Nelson	'95	50 breast	N	30.10	Josh Amato	'87
	P	36.01	Liz Scheetz	'88		P	31.03	Kevin Raab	'99
100 breast	N	1:13.62	Elizabeth Nelson	'95	100 breast	N	1:06.61	James Surowiec	'88
	P	1:20.50	Liz Scheetz	'88		P	1:07.11	Kevin Raab	'99
200 breast	N	2:51.20	Louise Keogh	'93	200 breast	N	2:25.57	Kevin Raab	'99
	P	2:53.75	Elaine Weigand	'95		P	2:25.57	Kevin Raab	'99
50 fly	N	30.00	Kana Shibuya	'95	50 fly	N	25.71	David Lawson	'95
	P	30.00	Kana Shibuya	'95		P	25.72	Brad Budney	'95
100 fly	N	1:06.05	Blanca Castillo	'88	100 fly	N	57.10	Brad Budney	'95
	P	1:06.05	Blanca Castillo	'88		P	57.10	Brad Budney	'95
200 fly	N	2:22.59	Blanca Castillo	'88	200 fly	N	2:09.39	Ry Beville	'95
	P	2:22.59	Blanca Castillo	'88		P	2:09.49	Keith Duncan	'88
200 IM	N	2:29.90	Michelle Donahue	'92	200 IM	N	2:14.08	Greg Mackem	'92
	P	2:32.47	Kathrin Lammers	'94		P	2:14.08	Greg Mackem	'92
400 IM	N	5:18.36	Alison Zamanian	'94	400 IM	N	4:48.56	Greg Mackem	'92
	P	5:18.36	Alison Zamanian	'94		P	4:48.56	Greg Mackem	'92

25-29		WOMEN		25-29		MEN			
50 free	N	26.68	Sara Shand	'91	50 free	N	22.59	Kevin DeForrest	'83
	P	27.06	Anna Pettis-Scott	'92		P	24.16	JoeBottom/BobPlacak	'82/'86
100 free	N	57.76	Sheila Taormina	'95	100 free	N	51.25	Jim Montgomery	'81
	P	58.34	Sara Shand	'89		P	52.64	David Lundberg	'89
200 free	N	2:02.06	Sheila Taormina	'96	200 free	N	1:51.00	John Keppeler	'96
	P	2:07.11	Sara Shand	'89		P	1:51.00	John Keppeler	'96
400 free	N	4:13.03	Sheila Taormina	'96	400 free	N	4:03.63	Alex Kostich	'97
	P	4:27.53	Sara Shand	'89		P	4:05.99	Chip Hobson	'94
800 free	N	9:18.43	Sara Shand	'89	800 free	N	8:24.67	Alex Kostich	'97
	P	9:18.43	Sara Shand	'89		P	8:35.91	Chip Hobson	'94
1500 free	N	17:27.96	Sheila Taormina	'95	1500 free	N	16:13.89	Alex Kostich	'97
	P	18:08.19	Lisa Johns	'91		P	16:28.69	Cameron Reid	'87
50 back	N	30.80	Diane Graner	'89	50 back	N	27.42	Robert Hauck	'93
	P	31.55	Martie McKinney	'94		P	27.86	Dix Ozier/Mike Bottom	'84
100 back	N	1:07.32	Diane Graner	'89	100 back	N	58.24	John Keppeler	'92
	P	1:07.67	Martie McKinney	'94		P	1:01.30	Mike Bottom	'84
200 back	N	2:19.97	Diane Graner	'89	200 back	N	2:07.57	John Keppeler	'92
	P	2:26.62	Martie McKinney	'94		P	2:19.22	Randy Whitchurch	'80
50 breast	N	34.35	Louise Martin	'98	50 breast	N	28.98	Seth Van Neerden	'97
	P	36.12	Anne Whitford	'90		P	31.50	Brian Scottoline	'94
100 breast	N	1:16.60	S. McIntyre-Woods	'91	100 breast	N	1:04.60	David Lundberg	'89
	P	1:19.46	Bethanne Flannery	'94		P	1:04.60	David Lundberg	'89
200 breast	N	2:48.56	Louise Martin	'98	200 breast	N	2:26.32	Abraham Solano	'96
	P	2:49.16	Bethanne Flannery	'94		P	2:38.60	Dave Lundberg	'87
50 fly	N	28.79	Rosemarie Seaman	'87	50 fly	N	25.16	DeForrest/MikeBottom	'83/'84
	P	28.82	Anna Pettis-Scott	'92		P	25.16	Mike Bottom	'84
100 fly	N	1:03.67	Sheila Taormina	'95	100 fly	N	56.34	Mike Bottom	'84
	P	1:05.35	Martie McKinney	'94		P	56.34	Mike Bottom	'84
200 fly	N	2:17.51	Sheila Taormina	'96	200 fly	N	2:06.88	Jim Belardi	'82
	P	2:24.36	Sara Shand	'89		P	2:08.99	Todd Robinson	'92
200 IM	N	2:25.45	Sara Shand	'89	200 IM	N	2:09.21	Cameron Reid	'87
	P	2:25.45	Sara Shand	'89		P	2:09.21	Cameron Reid	'87
400 IM	N	5:06.34	Sara Shand	'89	400 IM	N	4:32.96	Alex Kostich	'97
	P	5:06.34	Sara Shand	'89		P	4:34.08	Cameron Reid	'87

30-34		WOMEN		30-34		MEN	
-------	--	-------	--	-------	--	-----	--

USMS/PMS LONG COURSE RECORDS - 2000

50 free	N	26.37	Sandy Neilson-Bell	'88	50 free	N	22.80	Robert Peel	'96
	P	28.57	Paula Roemer	'95		P	24.44	Dix Ozier	'86/88
100 free	N	58.09	Sandy Neilson-Bell	'88	100 free	N	51.50	Rowdy Gaines	'91
	P	1:00.78	Lisa Hazen	'96		P	52.47	David Lundberg	'91
200 free	N	2:06.80	Karlyn Pipes-Neilsen	'96	200 free	N	1:54.04	Rowdy Gaines	'90
	P	2:10.99	Susan Porter	'94		P	1:58.06	Jeff Stiling	'93
400 free	N	4:28.76	Karlyn Pipes-Neilsen	'96	400 free	N	4:07.04	Rowdy Gaines	'93
	P	4:31.93	Susan Porter	'94		P	4:13.54	Tom Fristoe	'93
800 free	N	9:19.96	Susan Porter	'94	800 free	N	8:40.19	Rowdy Gaines	'93
	P	9:19.96	Susan Porter	'94		P	8:51.23	Jeff Stiling	'92
1500 free	N	17:38.70	Karen Burton	'96	1500 free	N	16:36.06	Bobby Patten	'93
	P	17:48.60	Lisa Hazen	'96		P	17:10.80	Randy Williams	'82
50 back	N	30.94	Diane Graner Galas	'96	50 back	N	27.26	Sean Murphy	'94
	P	32.21	Kathy Neill	'86		P	27.26	Sean Murphy	'94
100 back	N	1:05.42	Diane Graner Galas	'96	100 back	N	58:66	Sean Murphy	'94
	P	1:07.97	Martie McKinney	'95		P	58:66	Sean Murphy	'94
200 back	N	2:17.73	Karlyn Pipes -Neilsen	'96	200 back	N	2:05.62	Sean Murphy	'94
	P	2:30.90	Martie McKinney	'95		P	2:05.62	Sean Murphy	'94
50 breast	N	33.84	Wenke Hansen	'99	50 breast	N	29.42	David Guthrie	'92
	P	37.57	Dea Joslin	'90		P	30.46	David Lundberg	'91
100 breast	N	1:14.53	Wenke Hansen	'99	100 breast	N	1:05.64	Seth van Neerden	'98
	P	1:21.63	Gayle Benty	'85		P	1:05.65	David Lundberg	'91
200 breast	N	2:41.51	Wenke Hansen	'99	200 breast	N	2:24.06	David Lundberg	'91
	P	2:56.09	Gayle Benty	'85		P	2:24.06	David Lundberg	'91
50 fly	N	28.35	Angel Martino	'99	50 fly	N	25.31	Mike Bottom	'88
	P	30.07	Martie McKinney	'95		P	25.31	Mike Bottom	'88
100 fly	N	1:03.93	Tracie Moll	'98	100 fly	N	56.64	Mike Bottom	'88
	P	1:08.51	Susan Porter	'94		P	56.64	Mike Bottom	'88
200 fly	N	2:20.12	Karlyn Pipes-Neilsen	'96	200 fly	N	2:03.85	Bobby Patten	'95
	P	2:23.26	Martie McKinney	'95		P	2:09.37	Sean Murphy	'94
200 IM	N	2:23.12	Karlyn Pipes-Neilsen	'96	200 IM	N	2:09.69	David Lundberg	'91
	P	2:30.45	Susan Porter	'94		P	2:09.69	David Lundberg	'91
400 IM	N	5:03.97	Karlyn Pipes-Neilsen	'96	400 IM	N	4:40.22	Sean Murphy	'94
	P	5:13.97	Susan Porter	'94		P	4:40.22	Sean Murphy	'94

35-39	WOMEN	35-39	MEN
-------	-------	-------	-----

50 free	N	26.66	Tracie Moll	'99	50 free	N	24.02	James Lilley	'98
	P	26.89	Sandy Neilson-Bell	'93		P	24.69	David Boatwright	'97
100 free	N	58.87	Sandy Neilson-Bell	'95	100 free	N	51.49	Rowdy Gaines	'95
	P	1:00.55	Sandy Neilson-Bell	'93		P	54.91	David Boatwright	'97
200 free	N	2:06.62	Karlynn Pipes-Neilsen	'98	200 free	N	1:57.68	Rowdy Gaines	'94
	P	2:10.28	Jill Hernandez	'99		P	2:03.28	Mike Keck	'95
400 free	N	4:26.17	Karlynn Pipes-Neilsen	'97	400 free	N	4:07.64	Rowdy Gaines	'95
	P	4:37.34	Jill Hernandez	'99		P	4:23.37	Mike Keck	'95
800 free	N	9:16.20	Karlynn Pipes-Neilsen	'97	800 free	N	8:38.73	Rowdy Gaines	'95
	P	9:29.55	Jill Hernandez	'99		P	8:59.45	Paul Asmuth	'94
1500 free	N	17:59.12	Beth Knight	'94	1500 free	N	16:37.34	Rowdy Gaines	'95
	P	18:09.36	Lisa Hazen	'99		P	17:11.82	Paul Asmuth	'94
50 back	N	31.83	Karlynn Pipes-Neilsen	'97	50 back	N	27.60	Clay Britt	'99
	P	32.39	Laura Val	'89		P	28.04	Thompson Mann	'78
100 back	N	1:05.41	Karlynn Pipes-Neilsen	'97	100 back	N	1:00.13	Clay Britt	'99
	P	1:10.59	Lisa Ward	'99		P	1:03.00	Thompson Mann	'78
200 back	N	2:18.20	Karlynn Pipes-Neilsen	'97	200 back	N	2:13.83	Tom Wolf	'90
	P	2:33.69	Lisa Ward	'99		P	2:19.40	Thompson Mann	'78
50 breast	N	34.41	L. Wetzel-Osborne	'89	50 breast	N	29.09	Wally Dicks	'98
	P	36.72	Dea Ann Joslin	'94		P	30.47	David Lundberg	'98
100 breast	N	1:17.11	Caroline Krattli	'99	100 breast	N	1:05.03	Wally Dicks	'98
	P	1:20.60	Dea Ann Joslin	'94		P	1:07.52	David Lundberg	'98
200 breast	N	2:47.55	Caroline Krattli	'99	200 breast	N	2:24.37	David Guthrie	'95
	P	2:52.40	Dea Ann Joslin	'94		P	2:30.42	David Lundberg	'98
50 fly	N	28.32	Tracie Moll	'99	50 fly	N	25.89	Thomas Redig	'99
	P	29.79	Laura Val	'89		P	25.93	Mike Bottom	'93
100 fly	N	1:03.79	Tracie Moll	'99	100 fly	N	56.60	Jeff Stuart	'96
	P	1:06.19	Laura Val	'89		P	58.06	Mike Bottom	'93
200 fly	N	2:20.21	Karlynn Pipes-Neilsen	'97	200 fly	N	2:06.74	Jeff Stuart	'96
	P	2:26.38	Laura Val	'89		P	2:16.63	Kerry O'Brien	'92
200 IM	N	2:22.42	Karlynn Pipes-Neilsen	'97	200 IM	N	2:15.53	James Sorensen	'98
	P	2:29.30	Jill Hernandez	'99		P	2:15.84	David Lundberg	'98
400 IM	N	5:02.67	Karlynn Pipes-Neilsen	'98	400 IM	N	4:50.27	Jeff Stiling	'95
	P	5:18.43	Jill Hernandez	'99		P	4:58.48	Stu Corliss	'91

40-44	WOMEN	40-44	MEN
-------	-------	-------	-----

USMS/PMS LONG COURSE RECORDS - 2000

50 free	N	27.39	Sandy Neilson-Bell	'96	50 free	N	24.39	Rick Abbott	'95
	P	28.05	Laura Val	'92		P	25.29	Steve Clark	'86
100 free	N	1:00.63	Sandy Neilson-Bell	'96	100 free	N	53.78	Jack Groselle	'98
	P	1:01.41	Laura Val	'94		P	55.86	James Griffith	'94
200 free	N	2:14.14	Suzanne Heim-Bowen	'99	200 free	N	2:01.07	Joseph Rhyne	'99
	P	2:14.14	Suzanne Heim-Bowen	'99		P	2:03.28	Tim Broderick	'93
400 free	N	4:39.82	Suzanne Heim-Bowen	'99	400 free	N	4:15.86	Joseph Rhyne	'99
	P	4:39.82	Suzanne Heim-Bowen	'99		P	4:24.26	Tim Broderick	'93
800 free	N	9:32.18	Suzanne Heim-Bowen	'99	800 free	N	8:48.69	Joseph Rhyne	'99
	P	9:32.18	Suzanne Heim-Bowen	'99		P	9:19.34	Tim Broderick	'94
1500 free	N	18:14.34	Suzanne Heim-Bowen	'98	1500 free	N	16:58.52	Hess Yntema	'95
	P	18:14.34	Suzanne Heim-Bowen	'98		P	17:53.71	Tim Broderick	'95
50 back	N	32.25	Laura Val	'94	50 back	N	28.90	William Specht	'98
	P	32.25	Laura Val	'94		P	30.50	Richard Burns	'83
100 back	N	1:11.03	Laura Val	'88	100 back	N	1:02.48	William Specht	'98
	P	1:11.03	Laura Val	'89		P	1:06.40	Fred Ferroggiaro	'94
200 back	N	2:34.18	Zena Courtney	'99	200 back	N	2:15.49	William Specht	'99
	P	2:43.25	Laura Val	'96		P	2:23.44	Fred Ferroggiaro	'94
50 breast	N	36.89	Melinda Mann	'99	50 breast	N	30.82	Peder Dahlberg	'92
	P	38.62	Gayle Benty	'93		P	31.79	Spencer Eldred	'97
100 breast	N	1:21.23	Melinda Mann	'99	100 breast	N	1:08.97	Ron Schafer	'98
	P	1:23.53	Gayle Benty	'93		P	1:11.27	Spencer Eldred	'97
200 breast	N	2:59.24	Gayle Benty	'93	200 breast	N	2:29.77	Ron Schafer	'98
	P	2:59.24	Gayle Benty	'93		P	2:40.45	John Roemer	'95
50 fly	N	29.89	Laura Val	'94	50 fly	N	26.33	William Specht	'98
	P	29.89	Laura Val	'94		P	27.04	John Foote	'91
100 fly	N	1:06.27	Laura Val	'92	100 fly	N	57.79	William Specht	'99
	P	1:06.27	Laura Val	'92		P	1:01.41	Stu Corliss	'98
200 fly	N	2:32.14	Suzanne Heim-Bowen	'99	200 fly	N	2:09.47	William Specht	'98
	P	2:32.14	Suzanne Heim-Bowen	'99		P	2:19.92	Kerry O'Brien	'97
200 IM	N	2:38.18	Sandy Neilson-Bell	'96	200 IM	N	2:17.26	James Sorensen	'99
	P	2:38.20	Laura Val	'86		P	2:21.06	Spencer Eldred	'97
400 IM	N	5:39.70	Laura Val	'93	400 IM	N	4:53.03	Hess Yntema	'95
	P	5:39.70	Laura Val	'93		P	5:07.13	Steven Strong	'94

45-49	WOMEN	45-49	MEN
-------	-------	-------	-----

50 free	N	28.30	Jacki Hirsty	'98	50 free	N	24.94	Jack Groselle	'99
	P	28.57	Laura Val	'97		P	25.77	Steve Clark	'92
100 free	N	1:02.75	Laura Val	'98	100 free	N	53.90	Jack Groselle	'99
	P	1:02.75	Laura Val	'98		P	56.73	Tim Broderick	'96
200 free	N	2:17.12	Laura Val	'98	200 free	N	2:01.54	Jack Groselle	'99
	P	2:17.12	Laura Val	'98		P	2:03.71	Tim Broderick	'96
400 free	N	4:56.06	Laura Val	'97	400 free	N	4:21.16	Jim Mc Conica	'99
	P	4:56.06	Laura Val	'97		P	4:24.37	Tim Broderick	'96
800 free	N	10:08.23	Laura Val	'98	800 free	N	8:58.84	Jim Mc Conica	'99
	P	10:08.23	Laura Val	'98		P	9:16.09	Tim Broderick	'96
1500 free	N	19:26.97	Laura Val	'98	1500 free	N	17:31.23	Todd Bryan	'98
	P	19:26.97	Laura Val	'98		P	17:59.97	Tim Broderick	'96
50 back	N	32.93	Laura Val	'97	50 back	N	29.85	Tom Wolf	'99
	P	32.93	Laura Val	'97		P	30.67	Rich Burns	'88
100 back	N	1:12.70	Laura Val	'97	100 back	N	1:03.72	Tom Wolf	'99
	P	1:12.70	Laura Val	'97		P	1:07.35	Tim Birnie	'93
200 back	N	2:42.60	Cecilia McCloskey	'95	200 back	N	2:21.66	Tom Wolf	'99
	P	2:53.51	Danielle Ogier	'99		P	2:26.51	Tod Spieker	'96
50 breast	N	36.97	Susan Roy	'94	50 breast	N	31.54	Chet Miltenberger	'98
	P	36.97	Susan Roy	'94		P	32.48	Robert Strand	'94
100 breast	N	1:22.27	Susan Roy	'94	100 breast	N	1:12.29	Jack Groselle	'99
	P	1:22.27	Susan Roy	'94		P	1:12.96	Robert Strand	'94
200 breast	N	3:01.69	Deb Walker	'97	200 breast	N	2:41.13	Greg Harrison	'97
	P	3:09.19	Carolyn Ferris Boak	'92		P	2:41.64	Robert Strand	'94
50 fly	N	30.74	Ardeth Mueller	'87	50 fly	N	27.12	Dan Thompson	'92
	P	30.78	Laura Val	'98		P	28.05	Marty Hull	'88
100 fly	N	1:08.02	Laura Val	'98	100 fly	N	1:02.47	Boo Graner Gallas	'96
	P	1:08.02	Laura Val	'98		P	1:02.84	Andrew McPherson	'92
200 fly	N	2:31.37	Laura Val	'98	200 fly	N	2:21.84	Boo Graner Gallas	'96
	P	2:31.37	Laura Val	'98		P	2:25.41	Randy Williams	'96
200 IM	N	2:40.95	Laura Val	'97	200 IM	N	2:22.06	Tim Broderick	'96
	P	2:40.95	Laura Val	'97		P	2:22.06	Tim Broderick	'96
400 IM	N	5:47.17	Danielle Ogier	'98	400 IM	N	5:10.08	Tim Broderick	'96
	P	5:47.17	Danielle Ogier	'98		P	5:10.08	Tim Broderick	'96

50-54	WOMEN	50-54	MEN
-------	-------	-------	-----

50 free	N	29.33	Ardeth Mueller	'93	50 free	N	24.60	Richard Abrahams	'98
	P	30.51	Nancy Ridout	'92		P	26.16	Don Hill	'83

USMS/PMS LONG COURSE RECORDS - 2000

100 free	N	1:07.42	Ardeth Mueller	'92	100 free	N	56.98	Richard Abrahams	'98
	P	1:09.68	Nancy Ridout	'92		P	59.22	Steve Clark	'93
200 free	N	2:28.11	Barbara Dunbar	'99	200 free	N	2:07.17	Fred Schlicher	'98
	P	2:34.54	Carolyn Boak	'95		P	2:08.31	Tod Spieker	'98
400 free	N	5:11.22	Barbara Dunbar	'99	400 free	N	4:32.51	Tod Spieker	'98
	P	5:33.03	Carolyn Boak	'96		P	4:32.51	Tod Spieker	'98
800 free	N	10:43.90	Barbara Dunbar	'99	800 free	N	9:27.52	Tod Spieker	'98
	P	11:53.47	Nancy Ridout	'93		P	9:27.52	Tod Spieker	'98
1500 free	N	20:22.69	Barbara Dunbar	'99	1500 free	N	18:04.63	Tod Spieker	'98
	P	22:41.28	Nancy Ridout	'93		P	18:04.63	Tod Spieker	'98
50 back	N	37.62	Betsy Jordan	'91	50 back	N	30.63	Hugh Wilder	'97
	P	39.92	Ellen Rockholm	'99		P	31.02	Hugh Wilder	'98
100 back	N	1:23.29	Betsy Jordan	'91	100 back	N	1:07.16	Hugh Wilder	'97
	P	1:28.38	Barbara Jordan	'88		P	1:07.67	Hugh Wilder	'98
200 back	N	3:01.07	Betsy Jordan	'87	200 back	N	2:27.01	Tod Spieker	'98
	P	3:07.32	Ellen Rockholm	'99		P	2:27.01	Tod Spieker	'98
50 breast	N	39.82	Carolyn Boak	'96	50 breast	N	32.16	Robert Strand	'98
	P	39.82	Carolyn Boak	'96		P	32.16	Robert Strand	'98
100 breast	N	1:28.83	Joann Leilich	'90	100 breast	N	1:11.90	Robert Strand	'98
	P	1:31.33	Carolyn Boak	'95		P	1:11.90	Robert Strand	'98
200 breast	N	3:15.41	Carolyn Boak	'95	200 breast	N	2:40.57	Robert Strand	'96
	P	3:15.41	Carolyn Boak	'95		P	2:40.57	Robert Strand	'96
50 fly	N	31.69	Ardeth Mueller	'93	50 fly	N	27.13	Richard Abrahams	'98
	P	34.23	Nancy Ridout	'92		P	28.19	Keefe Lodwig	'93
100 fly	N	1:13.86	Ardeth Mueller	'93	100 fly	N	1:02.25	Richard Abrahams	'98
	P	1:20.50	Nancy Ridout	'92		P	1:07.92	Robert Proebsting	'89
200 fly	N	2:44.93	Barbara Dunbar	'99	200 fly	N	2:26.34	Fred Schlicher	'98
	P	3:15.92	Gail Roper	'82		P	2:40.97	Robert Proebsting	'89
200 IM	N	2:53.40	Carolyn Boak	'95	200 IM	N	2:28.70	Tim Garton	'93
	P	2:53.40	Carolyn Boak	'95		P	2:31.45	Robert Strand	'98
400 IM	N	6:03.12	Barbara Dunbar	'99	400 IM	N	5:20.78	John Calvert	'96
	P	6:14.24	Carolyn Boak	'95		P	5:22.72	Tod Spieker	'98

55-59	WOMEN	55-59	MEN
-------	-------	-------	-----

50 free	N	30.83	Ardeth Mueller	'97	50 free	N	26.33	Steve Clark	'98
	P	31.09	Nancy Ridout	'98		P	26.33	Steve Clark	'98
100 free	N	1:11.18	Ardeth Mueller	'97	100 free	N	58.41	Tim Garton	'98
	P	1:11.64	Nancy Ridout	'97		P	1:01.04	Steve Clark	'98
200 free	N	2:34.88	Ardeth Mueller	'97	200 free	N	2:15.35	Keefe Lodwig	'99
	P	2:41.39	Nancy Ridout	'97		P	2:15.35	Keefe Lodwig	'99
400 free	N	5:25.59	Ardeth Mueller	'97	400 free	N	4:53.53	Jack Geoghegan	'97
	P	5:43.68	Nancy Ridout	'99		P	4:59.59	Ed Cazalet	'98
800 free	N	11:15.07	Ardeth Mueller	'97	800 free	N	10:25.67	Drury Gallagher	'97
	P	12:34.05	Nancy Ridout	'97		P	10:27.50	Ed Cazalet	'98
1500 free	N	21:09.91	Ardeth Mueller	'97	1500 free	N	19:54.72	Burwell Jones	'90
	P	24:25.88	Gail Roper	'88		P	20:42.13	William Van Horn	'95
50 back	N	37.30	Betsy Jordan	'92	50 back	N	31.52	Robert Smith	'98
	P	41.00	Barbara Jordan	'93		P	32.02	Rich Burns	'99
100 back	N	1:21.42	Betsy Jordan	'92	100 back	N	1:10.53	Rich Burns	'99
	P	1:29.88	Barbara Jordan	'93		P	1:10.53	Rich Burns	'99
200 back	N	2:59.18	Betsy Jordan	'92	200 back	N	2:37.14	Rich Burns	'99
	P	3:15.22	Barbara Jordan	'93		P	2:37.14	Rich Burns	'99
50 breast	N	39.91	Jayne Bruner	'91	50 breast	N	33.75	Peter Anderson	'99
	P	43.20	Daniella Barnea	'99		P	34.65	Ken Frost	'99
100 breast	N	1:29.88	Jayne Bruner	'92	100 breast	N	1:17.87	John Kortheuer	'88
	P	1:35.48	Daniella Barnea	'99		P	1:18.20	Ken Frost	'99
200 breast	N	3:19.16	Joann Leilich	'98	200 breast	N	2:54.08	Tegze Haraszti	'98
	P	3:23.29	Daniella Barnea	'99		P	2:52.94	Ken Frost	'99
50 fly	N	34.43	Joy Ward	'99	50 fly	N	28.22	Keefe Lodwig	'98
	P	35.65	Nancy Ridout	'99		P	28.89	Steve Clark	'98
100 fly	N	1:21.91	Ardeth Mueller	'97	100 fly	N	1:06.71	Robert Poiletman	'99
	P	1:24.32	Nancy Ridout	'98		P	1:09.27	Robert Proebsting	'94
200 fly	N	3:19.84	Gail Roper	'85	200 fly	N	2:35.40	Robert Poiletman	'99
	P	3:30.69	Sperry Rademaker	'95		P	2:48.05	Robert Proebsting	'94
200 IM	N	3:06.11	Jayne Bruner	'92	200 IM	N	2:32.96	Tim Garton	'98
	P	3:18.39	Sperry Rademaker	'95		P	2:38.16	Ed Cazalet	'98
400 IM	N	6:42.05	Gail Roper	'85	400 IM	N	5:43.33	Tim Garton	'98
	P	6:57.07	Sperry Rademaker	'95		P	5:44.49	Ed Cazalet	'97

60-64	WOMEN	60-64	MEN
-------	-------	-------	-----

50 free	N	32.77	Jayne Bruner	'95	50 free	N	26.70	Jeff Farrell	'98
	P	35.86	Gail Roper	'89		P	27.86	Don Hill	'92
100 free	N	1:14.69	Jayne Bruner	'94	100 free	N	1:00.11	Jeff Farrell	'98
	P	1:21.58	Ann Kay	'94		P	1:02.80	Don Hill	'92

USMS/PMS LONG COURSE RECORDS - 2000

200 free	N	2:43.83	Lavelle Stoinoff	'93	200 free	N	2:20.54	Jeff Farrell	'98
	P	3:02.15	Florence Carr	'87		P	2:23.11	Don Hill	'92
400 free	N	5:47.52	Lavelle Stoinoff	'93	400 free	N	5:02.70	Graham Johnston	'91
	P	6:26.92	Florence Carr	'87		P	5:34.68	Carl Yates	'87
800 free	N	12:01.79	Lavelle Stoinoff	'94	800 free	N	10:29.40	Drury Gallagher	'99
	P	13:15.69	Florence Carr	'88		P	11:03.20	Don Hill	'92
1500 free	N	22:50.81	Lavelle Stoinoff	'95	1500 free	N	20:04.73	Graham Johnston	'95
	P	25:56.48	Florence Carr	'88		P	21:56.61	Carl Yates	'87
50 back	N	38.76	Betsy Jordan	'97	50 back	N	33.13	Yoshi Oyakawa	'94
	P	43.97	Ann Kay	'94		P	35.53	Don Brown	'93
100 back	N	1:24.45	Betsy Jordan	'97	100 back	N	1:14.72	Yoshi Oyakawa	'94
	P	1:34.29	Ann Kay	'94		P	1:15.66	Don Brown	'93
200 back	N	3:06.23	Betsy Jordan	'97	200 back	N	2:45.93	Don Brown	'93
	P	3:25.41	Ann Kay	'94		P	2:45.93	Don Brown	'93
50 breast	N	41.43	Jayne Bruner	'98	50 breast	N	35.61	Tom Winters	'99
	P	45.75	Ann Pisciotta	'92		P	38.59	Stan Morner	'95
100 breast	N	1:32.37	Joann Leilich	'99	100 breast	N	1:19.82	Drury Gallagher	'99
	P	1:40.18	Ann Pisciotta	'92		P	1:28.19	Dick Peterson	'97
200 breast	N	3:23.62	Joann Leilich	'99	200 breast	N	2:58.78	Drury Gallagher	'99
	P	3:35.24	Ann Pisciotta	'94		P	3:12.42	Jack Halliday	'97
50 fly	N	38.10	Jayne Bruner	'94	50 fly	N	30.84	Bert Petersen	'99
	P	39.19	Gail Roper	'89		P	33.69	Emory Haworth	'99
100 fly	N	1:31.34	Jayne Bruner	'96	100 fly	N	1:14.98	Wally Dobler	'94
	P	1:36.70	Gail Roper	'89		P	1:22.18	Barry Fasbender	'97
200 fly	N	3:32.87	Gail Roper	'90	200 fly	N	2:53.53	Drury Gallagher	'99
	P	3:48.06	Ann Pisciotta	'94		P	3:20.82	Emory Haworth	'99
200 IM	N	3:15.48	Betsy Jordan	'97	200 IM	N	2:41.71	Drury Gallagher	'99
	P	3:30.67	Ann Pisciotta	'94		P	2:51.24	Don Brown	'93
400 IM	N	6:59.45	Clara Walker	'86	400 IM	N	6:02.79	Drury Gallagher	'99
	P	7:08.93	Gail Roper	'89		P	6:19.40	Don Brown	'93

65-69	WOMEN	65-69	MEN
-------	-------	-------	-----

50 free	N	34.17	Gail Roper	'96	50 free	N	28.04	Ronald Johnson	'98
	P	34.17	Gail Roper	'96		P	30.30	Lyle Collett	'75
100 free	N	1:16.84	Clara Walker	'92	100 free	N	1:05.09	Graham Johnston	'97
	P	1:18.00	Gail Roper	'96		P	1:11.31	Ray Taft	'85
200 free	N	2:48.51	Clara Walker	'92	200 free	N	2:22.18	Graham Johnston	'96
	P	2:57.63	Gail Roper	'96		P	2:39.79	Ray Taft	'86
400 free	N	5:54.90	Lavelle Stoinoff	'98	400 free	N	5:03.36	Graham Johnston	'96
	P	6:22.74	Gail Roper	'95		P	5:50.04	Ed Kerswill	'91
800 free	N	12:23.32	Lavelle Stoinoff	'98	800 free	N	10:29.26	Graham Johnston	'97
	P	13:21.97	Gail Roper	'95		P	12:03.98	Ed Kerswill	'91
1500 free	N	23:42.01	Lavelle Stoinoff	'98	1500 free	N	20:16.54	Graham Johnston	'96
	P	25:14.99	Gail Roper	'96		P	23:00.86	Ed Kerswill	'91
50 back	N	39.85	Clara Walker	'92	50 back	N	33.54	Yoshi Oyakawa	'99
	P	43.88	Gail Roper	'96		P	37.03	Ray Taft	'86
100 back	N	1:30.97	Clara Walker	'91	100 back	N	1:16.78	Yoshi Oyakawa	'99
	P	1:39.23	Della Sehorn	'92		P	1:20.35	Don Brown	'99
200 back	N	3:16.02	Lavelle Stoinoff	'98	200 back	N	2:55.46	Roger Franks	'92
	P	3:38.42	Gail Roper	'96		P	2:56.36	Don Brown	'98
50 breast	N	45.95	Jayne Bruner	'99	50 breast	N	36.42	Manuel Sanguily	'98
	P	47.55	Ann Hirsch	'96		P	40.82	Norman Stupfel	'99
100 breast	N	1:42.84	Clara Walker	'91	100 breast	N	1:24.16	Manuel Sanguily	'98
	P	1:44.02	Ann Hirsch	'96		P	1:31.99	Aldo da Rosa	'84
200 breast	N	3:43.20	Diane Stowell	'99	200 breast	N	3:10.23	Ronald Johnson	'98
	P	3:46.00	Ann Hirsch	'96		P	3:27.47	Aldo da Rosa	'84
50 fly	N	39.18	Gail Roper	'96	50 fly	N	30.81	Ronald Johnson	'98
	P	39.18	Gail Roper	'96		P	35.48	Ray Taft	'85
100 fly	N	1:36.68	Gail Roper	'96	100 fly	N	1:16.85	Ronald Johnson	'98
	P	1:36.68	Gail Roper	'96		P	1:33.26	Ray Taft	'85
200 fly	N	3:36.25	June Krauser	'94	200 fly	N	3:08.79	Joseph Kurtzman	'91
	P	3:43.97	Gail Roper	'95		P	3:34.93	Ed Rudloff	'88
200 IM	N	3:19.01	Clara Walker	'91	200 IM	N	2:50.18	Ronald Johnson	'98
	P	3:25.04	Gail Roper	'96		P	3:01.55	Don Brown	'99
400 IM	N	7:09.69	Clara Walker	'92	400 IM	N	6:08.44	Graham Johnston	'96
	P	7:23.20	Gail Roper	'96		P	6:50.63	Ray Taft	'86

70-74	WOMEN	70-74	MEN
-------	-------	-------	-----

50 free	N	35.28	Gail Roper	'99	50 free	N	29.35	Kelley Lemmon	'84
	P	35.28	Gail Roper	'99		P	32.45	John Richards	'92
100 free	N	1:19.94	Gail Roper	'99	100 free	N	1:10.16	Frank Piemme	'95
	P	1:19.94	Gail Roper	'99		P	1:13.12	John Richards	'92
200 free	N	3:01.28	Gail Roper	'99	200 free	N	2:37.00	William Phillips	'98
	P	3:01.28	Gail Roper	'99		P	2:49.26	Ray Taft	'89

USMS/PMS LONG COURSE RECORDS - 2000

400 free	N	6:33.15	Clara Walker	'96	400 free	N	5:40.41	William Phillips	'98
	P	6:36.90	Gail Roper	'99		P	6:04.62	Ray Taft	'89
800 free	N	13:15.45	June Krauser	'96	800 free	N	12:03.73	Frank Piemme	'95
	P	14:32.25	Margery Meyer	'97		P	12:36.65	Fred Taioli	'91
1500 free	N	25:40.43	Clara Walker	'96	1500 free	N	22:59.14	Roger Franks	'98
	P	28:04.81	Margery Meyer	'95		P	24:28.27	Fred Taioli	'91
50 back	N	42.29	Doris Steadman	'96	50 back	N	37.10	Paul Hutinger	'95
	P	47.24	Margery Meyer	'94		P	37.49	Ray Taft	'89
100 back	N	1:35.11	Doris Steadman	'95	100 back	N	1:24.14	Paul Hutinger	'95
	P	1:47.54	Margery Meyer	'94		P	1:25.35	Ray Taft	'89
200 back	N	3:28.69	Doris Steadman	'95	200 back	N	3:04.42	Roger Franks	'97
	P	3:51.61	Patsy Weiss	'94		P	3:13.25	Ray Taft	'89
50 breast	N	49.14	Gail Roper	'99	50 breast	N	40.77	Barton Greenberg	'95
	P	49.14	Gail Roper	'99		P	42.08	John Richards	'92
100 breast	N	1:48.56	Gail Roper	'99	100 breast	N	1:33.20	Bennett Allen	'84
	P	1:48.56	Gail Roper	'99		P	1:34.53	Aldo da Rosa	'88
200 breast	N	3:53.55	Gail Roper	'99	200 breast	N	3:29.06	Robert MacDonald	'99
	P	3:53.55	Gail Roper	'99		P	3:32.90	Aldo da Rosa	'88
50 fly	N	41.45	Gail Roper	'99	50 fly	N	33.79	Frank Piemme	'96
	P	41.45	Gail Roper	'99		P	35.65	Ray Taft	'89
100 fly	N	1:40.85	June Krauser	'96	100 fly	N	1:24.84	Joseph Kurtzman	'96
	P	2:02.03	Della Sehorn	'98		P	1:35.98	Ray Taft	'89
200 fly	N	3:39.91	June Krauser	'96	200 fly	N	3:26.05	Joseph Kurtzman	'96
	P	4:30.36	Jae Howell	'96		P	3:43.54	Aldo da Rosa	'88
200 IM	N	3:32.94	Gail Roper	'99	200 IM	N	3:08.99	Frank Piemme	'96
	P	3:32.94	Gail Roper	'99		P	3:11.42	Ray Taft	'89
400 IM	N	7:30.91	June Krauser	'96	400 IM	N	6:52.07	Frank Piemme	'95
	P	7:49.98	Gail Roper	'99		P	6:59.24	Ray Taft	'89

75-79	WOMEN	75-79	MEN
-------	-------	-------	-----

50 free	N	41.32	Margery Meyer	'98	50 free	N	32.50	Lyle Collett	'83
	P	41.32	Margery Meyer	'98		P	32.50	Lyle Collett	'83
100 free	N	1:33.25	Margery Meyer	'98	100 free	N	1:13.84	Ray Taft	'95
	P	1:33.25	Margery Meyer	'98		P	1:13.84	Ray Taft	'95
200 free	N	3:24.84	Margery Meyer	'98	200 free	N	2:51.62	Ray Taft	'95
	P	3:24.84	Margery Meyer	'98		P	2:51.62	Ray Taft	'95
400 free	N	7:16.82	Margery Meyer	'98	400 free	N	6:20.87	Ray Taft	'94
	P	7:16.82	Margery Meyer	'98		P	6:20.87	Ray Taft	'94
800 free	N	14:57.03	Margery Meyer	'98	800 free	N	12:58.14	Ray Taft	'95
	P	14:57.03	Margery Meyer	'98		P	12:58.14	Ray Taft	'95
1500 free	N	28:38.34	Margery Meyer	'98	1500 free	N	24:53.76	Ray Taft	'95
	P	28:38.34	Margery Meyer	'98		P	24:53.76	Ray Taft	'95
50 back	N	44.43	Doris Steadman	'99	50 back	N	39.49	Ray Taft	'94
	P	49.98	Margery Meyer	'99		P	39.49	Ray Taft	'94
100 back	N	1:39.06	Doris Steadman	'99	100 back	N	1:29.52	Ray Taft	'95
	P	1:59.12	Margery Meyer	'99		P	1:29.52	Ray Taft	'95
200 back	N	3:39.41	Doris Steadman	'99	200 back	N	3:15.00	Ray Taft	'94
	P	4:27.45	Margery Meyer	'98		P	3:15.00	Ray Taft	'94
50 breast	N	54.12	Betty Christian	'98	50 breast	N	42.99	Barton Greenberg	'99
	P	58.61	Sally Joy	'92		P	44.83	Aldo da Rosa	'93
100 breast	N	2:04.25	Regan Kenner	'99	100 breast	N	1:38.11	Barton Greenberg	'99
	P	2:19.08	Jae Howell	'98		P	1:39.62	Aldo da Rosa	'93
200 breast	N	4:28.51	Regan Kenner	'99	200 breast	N	3:42.85	Aldo da Rosa	'94
	P	5:01.34	Jae Howell	'99		P	3:42.85	Aldo da Rosa	'94
50 fly	N	47.86	Lois Kivi Nochman	'99	50 fly	N	37.57	Ray Taft	'94
	P	1:02.07	Sally Joy	'92		P	37.57	Ray Taft	'94
100 fly	N	1:56.92	Lois Kivi Nochman	'99	100 fly	N	1:39.80	Anton Cerrer	'92
	P	2:26.88	Jae Howell	'98		P	1:41.81	Ray Taft	'95
200 fly	N	4:19.81	Lois Kivi Nochman	'99	200 fly	N	3:43.56	Anton Cerrer	'92
	P	5:12.06	Jae Howell	'98		P	4:17.12	Richard Smith	'96
200 IM	N	4:08.03	Lois Kivi Nochman	'99	200 IM	N	3:24.38	Ray Taft	'94
	P	4:47.04	Jean Durston	'89		P	3:24.38	Ray Taft	'94
400 IM	N	8:59.25	Lois Kivi Nochman	'99	400 IM	N	7:21.75	Ray Taft	'95
	P	9:45.13	Jean Durston	'90		P	7:21.75	Ray Taft	'95

80-84	WOMEN	80-84	MEN
-------	-------	-------	-----

50 free	N	45.65	Marjorie Sharpe	'98	50 free	N	33.88	Woodrow Bowersock	'93
	P	45.65	Marjorie Sharpe	'98		P	36.37	Aldo da Rosa	'98
100 free	N	1:42.56	Rita Simonton	'99	100 free	N	1:22.50	Woodrow Bowersock	'93
	P	1:43.45	Marjorie Sharpe	'97		P	1:24.17	Ray Taft	'99
200 free	N	3:44.19	Rita Simonton	'99	200 free	N	3:09.70	Ray Taft	'99
	P	3:46.57	Marjorie Sharpe	'99		P	3:09.70	Ray Taft	'99
400 free	N	7:53.37	Rita Simonton	'99	400 free	N	6:42.86	Ray Taft	'99
	P	7:56.31	Marjorie Sharpe	'97		P	6:42.86	Ray Taft	'99

USMS/PMS LONG COURSE RECORDS - 2000

800 free	N	16:05.85	Rita Simonton	'98	800 free	N	14:19.22	Ray Taft	'99
	P	16:39.04	Marjorie Sharpe	'97		P	14:19.22	Ray Taft	'99
1500 free	N	30:41.01	Rita Simonton	'99	1500 free	N	26:52.93	Ray Taft	'99
	P	32:09.15	Marjorie Sharpe	'97		P	26:52.93	Ray Taft	'99
50 back	N	53.84	Marjorie Sharpe	'97	50 back	N	42.49	Ray Taft	'99
	P	53.84	Marjorie Sharpe	'97		P	42.49	Ray Taft	'99
100 back	N	2:01.67	Marjorie Sharpe	'99	100 back	N	1:35.36	Ray Taft	'99
	P	2:01.67	Marjorie Sharpe	'99		P	1:35.36	Ray Taft	'99
200 back	N	4:30.48	Marjorie Sharpe	'97	200 back	N	3:31.36	Ray Taft	'99
	P	4:30.48	Marjorie Sharpe	'97		P	3:31.36	Ray Taft	'99
50 breast	N	1:05.10	Maxine Merlino	'92	50 breast	N	46.37	Max von Isser	'99
	P	1:07.08	Sally Joy	'97		P	48.86	Aldo da Rosa	'99
100 breast	N	2:22.79	Maxine Merlino	'92	100 breast	N	1:45.99	Max von Isser	'99
	P	2:35.31	Jean Durston	'95		P	1:47.10	Aldo da Rosa	'98
200 breast	N	5:06.58	Rita Simonton	'98	200 breast	N	3:42.04	Ray Taft	'99
	P	5:27.44	Jean Durston	'95		P	3:42.04	Ray Taft	'99
50 fly	N	1:03.66	Maria Lenk Zigler	'95	50 fly	N	41.89	Andrew Holden	'99
	P	1:10.30	Jean Durston	'95		P	42.89	Ray Taft	'99
100 fly	N	2:27.91	Jean Durston	'94	100 fly	N	1:47.88	Andrew Holden	'99
	P	2:27.91	Jean Durston	'94		P	1:58.01	Aldo da Rosa	'98
200 fly	N	5:24.52	Jean Durston	'94	200 fly	N	4:11.09	Anton Cerer	'98
	P	5:24.52	Jean Durston	'94		P	4:31.44	Aldo da Rosa	'98
200 IM	N	4:41.09	Maria Lenk Zigler	'95	200 IM	N	3:43.82	Aldo da Rosa	'98
	P	4:46.90	Jean Durston	'95		P	3:43.82	Aldo da Rosa	'98
400 IM	N	10:05.13	Maxine Merlino	'92	400 IM	N	8:05.14	Ray Taft	'99
	P	10:08.13	Jean Durston	'95		P	8:05.14	Ray Taft	'99

85-89	WOMEN	85-89	MEN
-------	-------	-------	-----

50 free	N	50.93	Julia Dolce	'94	50 free	N	35.77	Woodrow Bowersock	'98
	P	1:00.11	Jean Durston	'99		P	48.59	Joe Irvine	'96
100 free	N	2:00.68	Julia Dolce	'95	100 free	N	1:32.81	Woodrow Bowersock	'99
	P	2:13.45	Jean Durston	'99		P	1:55.30	Jim Triolo	'99
200 free	N	4:44.30	Maxine Merlino	'97	200 free	N	3:48.91	Gus Langner	'88
	P	6:01.98	Ellen Tait	'97		P	4:16.22	Jim Triolo	'99
400 free	N	9:32.91	Jean Durston	'99	400 free	N	8:14.50	Gus Langner	'88
	P	9:32.91	Jean Durston	'99		P	8:52.84	Jim Triolo	'99
800 free	N	19:12.10	Jean Durston	'99	800 free	N	17:11.21	Gus Langner	'88
	P	19:12.10	Jean Durston	'99		P	18:49.23	Jim Triolo	'99
1500 free	N	36:42.65	Jean Durston	'99	1500 free	N	33:08.42	Gus Langner	'89
	P	36:42.65	Jean Durston	'99		P	35:32.85	Jim Triolo	'99
50 back	N	58.42	Aileen Soule	'91	50 back	N	50.95	Edward Shea	'99
	P	1:12.03	Eddie Goldman	'96		P	56.22	Jim Triolo	'99
100 back	N	2:13.13	Aileen Soule	'91	100 back	N	2:04.83	Dave Malbrough	'99
	P	2:49.73	Ella Peckham	'84		P	2:06.22	Jim Triolo	'99
200 back	N	4:47.82	Aileen Soule	'91	200 back	N	4:32.50	Jim Triolo	'99
	P	5:51.69	Ella Peckham	'84		P	4:32.50	Jim Triolo	'99
50 breast	N	1:09.85	Marti Gogniat	'96	50 breast	N	1:01.47	Al Kallunki	'89
	P	1:42.40	Ella Peckham	'84		P	1:01.47	Al Kallunki	'89
100 breast	N	2:39.02	Marto Gogniat	'96	100 breast	N	2:20.99	William Malloy	'95
	P	2:48.27	Jean Durston	'99		P	2:25.85	Al Kallunki	'89
200 breast	N	6:01.15	Jean Durston	'99	200 breast	N	4:36.86	Harold Perry	'96
	P	6:01.15	Jean Durston	'99		P	4:36.86	Harold Perry	'96
50 fly	N	1:11.58	Jean Durston	'99	50 fly	N	58.13	Jesse Coon	'96
	P	1:11.58	Jean Durston	'99		P	1:14.96	Al Kallunki	'89
100 fly	N	2:40.11	Jean Durston	'99	100 fly	N	2:10.28	Walter Pfeiffer	'99
	P	2:40.11	Jean Durston	'99		P			
200 fly	N	5:49.75	Jean Durston	'99	200 fly	N	5:06.00	Walter Pfeiffer	'99
	P	5:49.75	Jean Durston	'99		P			
200 IM	N	5:16.68	Jean Durston	'99	200 IM	N	5:16.84	Jesse Coon	'96
	P	5:16.68	Jean Durston	'99		P			
400 IM	N	11:10.37	Jean Durston	'99	400 IM	N	9:42.77	Walter Pfeiffer	'99
	P	11:10.37	Jean Durston	'99		P			

90-94	WOMEN	90-94	MEN
-------	-------	-------	-----

50 free	N	55.76	Aileen Soule	'96	50 free	N	48.70	Gus Langner	'93
	P					P	59.66	Joe Kaufman	'95
100 free	N	2:19.62	Aileen Soule	'96	100 free	N	1:57.91	Gus Langner	'93
	P					P	2:18.31	Joe Kaufman	'95
200 free	N	5:19.36	Julia Dolce	'99	200 free	N	4:28.34	Gus Langner	'93
	P					P	5:07.74	Joe Kaufman	'95
400 free	N	11:45.66	Aileen Soule	'97	400 free	N	9:44.11	Gus Langner	'93
	P					P	13:52.28	Al Kallunki	'95
800 free	N	30:55.09	Anna Bauscher	'94	800 free	N	20:13.74	Gus Langner	'93
	P					P			

USMS/PMS LONG COURSE RECORDS - 2000

1500 free	N	50:26.55	Julia Dolce	'99	1500 free	N	36:47.02	Gus Langner	'93
	P					P			
50 back	N	1:03.49	Aileen Soule	'96	50 back	N	1:03.20	Jim Penfield	'98
	P					P	1:10.27	Al Kallunki	'94
100 back	N	2:23.23	Aileen Soule	'96	100 back	N	2:30.11	Jim Penfield	'99
	P					P	2:41.86	Joe Kaufman	'95
200 back	N	5:29.07	Aileen Soule	'97	200 back	N	5:43.96	Joe Kaufman	'95
	P					P	5:43.96	Joe Kaufman	'95
50 breast	N				50 breast	N	1:09.80	Jim Penfield	'98
	P					P	1:16.01	Al Kallunki	'95
100 breast	N				100 breast	N	3:09.64	Gus Langner	'93
	P					P	3:07.51	Al Kallunki	'95
200 breast	N				200 breast	N	6:24.54	Gus Langner	'93
	P					P	6:53.87	Al Kallunki	'95
50 fly	N	4:57.25	Anna Bauscher	'94	50 fly	N	1:26.07	Jim Penfield	'99
	P					P			
100 fly	N				100 fly	N			
	P					P			
200 IM	N	12:10.93	Anna Bauscher	'94	200 IM	N	7:02.80	Jim Penfield	'98
	P					P	7:23.22	Al Kallunki	'95

95-99	WOMEN	95-99	MEN
-------	-------	-------	-----

50 free	N				50 free	N	55.88	Gus Langner	'98
	P					P			
100 free	N				100 free	N	2:29.32	Gus Langner	'98
	P					P			
200 free	N				200 free	N	5:13.23	Gus Langner	'98
	P					P			
400 free	N				400 free	N	11:30.53	Gus Langner	'98
	P					P			
800 free	N				800 free	N	22:28.28	Gus Langner	'98
	P					P			
1500 free	N				1500 free	N	47:30.40	Gus Langner	'99
	P					P			
50 back	N				50 back	N	1:18.91	Tom Lane	'89
	P					P			
100 back	N				100 back	N	3:19.14	Tom Lane	'92
	P					P			
50 breast	N				50 breast	N	1:26.61	Gus Langner	'98
	P					P			
100 breast	N				100 breast	N	3:38.45	Gus Langner	'98
	P					P			
200 breast	N				200 breast	N	7:37.17	Gus Langner	'98
	P					P			

100-104	WOMEN	100-104	MEN
---------	-------	---------	-----

50 free	N				50 free	N	1:40.46	Tom Lane	'94
	P					P			
100 free	N				100 free	N	4:05.98	Tom Lane	'94
	P					P			
50 back	N				50 back	N	1:50.73	Tom Lane	'94
	P					P			
100 back	N				100 back	N	4:13.84	Tom Lane	'94
	P					P			
200 back	N				200 back	N	9:04.31	Tom Lane	'94
	P					P			

1998 USMS/PMS LONG COURSE RELAY RECORDS

WOMEN'S RELAYS

200m FREE RELAYS

76-99

N	1:59.29	UNIV. OF SAN FRANCISCO Hinshaw, Hauer, Effa, Wicklund	'92
P	1:59.29	UNIV. OF SAN FRANCISCO Hinshaw, Hauer, Effa, Wicklund	'92

100-119

N	1:52.47	OREGON MASTERS Herringer, Goddard, Mills, Finley	'92
P	1:58.37	WALNUT CREEK MASTERS Stevens, Neill, O'Brien, Kahn	'86

120-159

N	1:53.05	LONE STAR MASTERS Burk, Heuer, Morrison-Casey, Hirsty	'87
P	1:57.23	WALNUT CREEK MASTERS Leach, Roemer, Hamway, Ghiggeri	'95

160-199

N	1:58.76	TEAM TEXAS Nielson-Bell, Lambert, Gicard, Wencel,	'98
P	2:05.09	LOS ALTOS MASTERS Lehr, Boak, King, Proebsting	'93

200-239

N	2:08.96	LOS ALTOS MASTERS Val, Roy, Sehorn, Boak	'94
P	2:08.96	LOS ALTOS MASTERS Val, Roy, Sehorn, Boak	'94

240-279

N	2:18.70	D.C. MASTERS Frid, Leilich, Zaremski, Bruner	'98
P	2:41.30	WALNUT CREEK MASTERS Barabash, Alexander, Pisciotta, Jordan	'92

280-319

N	2:38.52	NEW ENGLAND MASTERS Walker, Burrill, Smith, Reed	'96
P	3:15.26	WALNUT CREEK MASTERS Durston, Joy, Alexander, McMillan	'92

320-359

N	3:49.73	WALNUT CREEK MASTERS Joy, Howell, Durston, Reeves	'98
P	3:49.73	WALNUT CREEK MASTERS Joy, Howell, Durston, Reeves	'98

200m MEDLEY RELAYS

76-99

N	2:12.59	UNIV. OF SAN FRANCISCO Hinshaw, Hauer, Effa, Wicklund	'92
P	2:12.59	UNIV. OF SAN FRANCISCO Hinshaw, Hauer, Effa, Wicklund	'92

100-119

N	2:06.67	HOLMES LUMBER Mauer, Walker, Bucher, Holmes	'88
P	2:13.33	WALNUT CREEK MASTERS Hartnett, Duggan, Flansburg, Ghiggeri	'96

120-159

N	2:04.19	GOLD COAST MASTERS Gardner, Geyer, Moll, Herrington	'98
P	2:12.36	THE OLYMPIC CLUB Ogier, Weigand, Walker, Meyer	'95

160-199

N	2:12.91	LOS ALTOS MASTERS Breed, Roy, Val, Boak	'94
P	2:12.91	LOS ALTOS MASTERS Breed, Roy, Val, Boak	'94

200-239

N	2:23.07	SAN DIEGO MASTERS Jordan, Krattli, Dunbar, Marr	'98
P	2:28.26	LOS ALTOS MASTERS Sehorn, Boak, Val, Proebsting	'92

240-279

N	2:37.68	D.C. MASTERS Frid, Leilich, Bruner, Zaremski	'98
P	3:00.66	WALNUT CREEK MASTERS Jordan, Pisciotta, Alexander, Barabash	'92

280-319

N	3:32.20	O*H*I*O Amsbary, Kron, Wilson, Huggins	'98
P	3:38.60	WALNUT CREEK MASTERS Howell, Joy, Alexander, Durston	'94

320-359

N	4:19.11	WALNUT CREEK MASTERS Joy, Howell, Durston, Reeves	'98
P	4:19.11	WALNUT CREEK MASTERS Joy, Howell, Durston, Reeves	'98

400m FREE RELAYS

76-99

N	4:31.84	SANTA CLARA SWIM CLUB Millard, Watkins, Viale, Lammers	'95
P	4:31.84	SANTA CLARA SWIM CLUB Millard, Watkins, Viale, Lammers	'95

100-119

N	4:27.84	DAVIS AQUATIC MASTERS Chichester, Beaty, McCord, Norris	'92
P	4:27.84	DAVIS AQUATIC MASTERS Chichester, Beaty, McCord, Norris	'92

120-159

N	4:17.94	STANFORD MASTERS McKinney, Chichester, Ogier, Shibuya	'94
N	4:17.94	STANFORD MASTERS McKinney, Chichester, Ogier, Shibuya	'94

160-199

N	4:37.01	SAN DIEGO Jordan, Dunbar, Pipes, Knight	'93
P	4:44.10	LOS ALTOS MASTERS Boak, King, Schulbach, Val	'94

200-239

<u>400m free relay</u>			
N	5:13.92	ST. PETERSBURG MASTERS Page, Bromwich, Lambke, Kelley	'97
N	5:23.97	RINCONADA MASTERS Brems, Kay, Callison, Kelly	'94

240-279

N	6:15.17	WALNUT CREEK MASTERS Barabash, Alexander, Pisciotta, Jordan	'92
N	6:15.17	WALNUT CREEK MASTERS Barabash, Alexander, Pisciotta, Jordan	'92

280-319

N	7:22.22	WALNUT CREEK MASTERS Rogers, Howell, Durston, Hirsch	'96
P	7:22.22	WALNUT CREEK MASTERS Rogers, Howell, Durston, Hirsch	'96

320-359

N	10:13.80	ST. PETERSBURG McKechnie, Cichanski, Kennedy, Schimpf	'94
P			

400m MEDLEY RELAYS

76-99

N	5:07.42	SACRAMENTO MASTERS Wright, Christo, Lowrie, Nicholas	'92
P	5:07.42	SACRAMENTO MASTERS Wright, Christo, Lowrie, Nicholas	'92

100-119

N	4:55.59	WALNUT CREEK MASTERS Boscovich, Tallman, Flansburg, Ingraham	'92
P	4:55.59	WALNUT CREEK MASTERS Boscovich, Tallman, Flansburg, Ingraham	'92

120-159

N	4:53.42	TEAM ORLANDO Keller, Lense, Seaman, Shonkwiler	'97
P	4:58.90	WALNUT CREEK MASTERS	'97

1998 USMS/PMS LONG COURSE RELAY RECORDS

	Ward, Osborn, Flansburg, Ghiggeri	
<u>160-199</u>		
N	5:00.73	SAN DIEGO MASTERS '98 Fink, Krattli, Dunbar, Knight
P	5:38.00	STANFORD MASTERS '95 Wall, Lipinski, Barnea, Heller
<u>200-239</u>		
N	5:48.73	D.C. MASTERS '91 Frid, Leilich, Svanson, Bruner
P	6:09.88	TAMALPAIS AQUATIC MASTERS '95 Rademaker, Ridout, Brittingham, Jenkins
<u>240-279</u>		
N	6:50.38	WALNUT CREEK MASTERS '92 Jordan, Pisciotta, Alexander, Barabash
P	6:50.38	WALNUT CREEK MASTERS '92 Jordan, Pisciotta, Alexander, Barabash
<u>280-319</u>		
N	8:32.38	WALNUT CREEK MASTERS '93 Prevet, Howell, Pisciotta, Reeves
P	8:32.38	WALNUT CREEK MASTERS '93 Prevet, Howell, Pisciotta, Reeves
<u>320-359</u>		
N	12:14.90	SAN MATEO MASTER MARLINS '97 Etienne, Buel, Taft, Goldman
P	12:14.90	SAN MATEO MASTER MARLINS '97 Etienne, Buel, Taft, Goldman
<u>800m FREE RELAYS</u>		
<u>76-99</u>		
N	10:28.09	MINNESOTA MASTERS '98 Phillips, Skovgard, Smith, Niemi
P	10:56.32	DAVIS AQUATIC MASTERS '92 Winn, Blake, Norris, Wallis
<u>100-119</u>		
N	9:50.91	WALNUT CREEK MASTERS '89 Lee-Heltzel, Cooley, Flansburg, Reiger
P	9:50.91	WALNUT CREEK MASTERS '89 Lee-Heltzel, Cooley, Flansburg, Reiger
<u>120-159</u>		
N	9:43.49	WALNUT CREEK MASTERS '97 Thompson, Vidal, Ward, Leach
P	9:43.49	WALNUT CREEK MASTERS '97 Thompson, Vidal, Ward, Leach
<u>160-199</u>		
N	9:57.27	SAN DIEGO '98 Dunbar, Fink, Krattli, Knight
P	12:29.41	SAN MATEO MASTER MARLINS '93 Swain, Dunn, Dunn, McNally
<u>200-239</u>		
N	11:24.23	TAMALPAIS AQUATIC MASTERS '95 Brittingham, Jenkins, Rademaker, Ridout
P	11:24.23	TAMALPAIS AQUATIC MASTERS '95 Brittingham, Jenkins, Rademaker, Ridout
<u>240-279</u>		
N	13:12.45	ST. PETERSBURG '97 Bromwich, Steer, Carr, Lambke
P	13:28.86	WALNUT CREEK MASTERS '92 Barabash, Alexander, Pisciotta, Jordan
<u>280-319</u>		
N	16:17.09	WALNUT CREEK MASTERS '92 Durston, Reeves, Howell, Monroe
P	16:17.09	WALNUT CREEK MASTERS '92 Durston, Reeves, Howell, Monroe
<u>320-359</u>		
N	22:37.07	ST. PETERSBURG '94 McKechnie, Cichanski, Kennedy, Schimpf
P		

200m FREE RELAYS

<u>76-99</u>		
N	1:41.14	THE OLYMPIC CLUB '93 Antonick, Tarbell, Goth, Murray
P	1:41.14	THE OLYMPIC CLUB '93 Antonick, Tarbell, Goth, Murray
<u>100-119</u>		
N	1:36.15	HOUSTONIAN CLUB '90 Pringle, Knowles, Frey, Smith
P	1:37.97	WALNUT CREEK MASTERS '92 Stahl, Bond, Rodgers, Montoya
<u>120-159</u>		
N	1:37.43	LONE STAR MASTERS '86 David, Hedrick, Smith, Montgomery
P	1:37.49	THE OLYMPIC CLUB '86 Hubbell, Barthold, Placak, Griffith
<u>160-199</u>		
N	1:39.27	HOLMES LUMBER '90 Dilley, Miltenberger, Abrahams, Garton
P	1:40.32	THE OLYMPIC CLUB '94 Placak, Barthold, Griffith, VanderBogart
<u>200-239</u>		
N	1:45.19	THE OLYMPIC CLUB '97 Clark, Strand, Birnie, Elder
P	1:45.19	THE OLYMPIC CLUB '97 Clark, Strand, Birnie, Elder
<u>240-279</u>		
N	1:56.05	OREGON MASTERS '98 Thayer, Peterson, Smith, Radcliff
P	2:04.12	SAN MATEO MASTER MARLINS '96 Galine, Brenner, Campbell, Taft,
<u>280-319</u>		
N	2:10.75	LOS ALTOS MASTERS '92 Richards, Craddock, McCann, Richards
P	2:10.75	LOS ALTOS MASTERS '92 Richards, Craddock, McCann, Richards
<u>320-359</u>		
N	2:35.13	COAST MASTERS '96 Giberson, Bowersock, Pfeiffer, Christians
P		
<u>200m MEDLEY RELAYS</u>		
<u>76-99</u>		
N	1:49.35	THE OLYMPIC CLUB '96 Colley, Patrick, Budney, Larson
P	1:49.35	THE OLYMPIC CLUB '96 Colley, Patrick, Budney, Larson
<u>100-119</u>		
N	1:48.46	HOUSTONIAN CLUB '90 Britt, Putterman, Killeen, Pringle
P	1:51.95	SANTA CLARA SWIM CLUB '94 Mariniuk, Parrack, Moore, Mortensen
<u>120-159</u>		
N	1:50.05	GOLD COAST MASTERS '98 Crawford, Neerden, McNear, Wienants
P	1:51.57	THE OLYMPIC CLUB '92 Antonick, Lundberg, Stiling, Keck
<u>160-199</u>		
N	1:53.79	BAYLOR/LONE STAR '94 Nash, Hamilton, Hedrick, Hague
P	1:54.45	THE OLYMPIC CLUB '93 Birnie, Corliss, Stiling, Clark
<u>200-239</u>		
N	1:58.50	THE OLYMPIC CLUB '94 Birnie, Strand, Bassi, Elder
P	1:58.50	THE OLYMPIC CLUB '94 Birnie, Strand, Bassi, Elder
<u>240-279</u>		
N	2:15.93	GOLD COAST MASTERS '98 McIntyre, Kern, Burns, Cavanaugh

MEN'S RELAYS

1998 USMS/PMS LONG COURSE RELAY RECORDS

P 2:22.42 LOS ALTOS /SAN MATEO '88/95
LAM-McCann,Richards,Proebsting,Craddock
SMMM-Taft,Peterson,Steuart,Galine

280-319

N 2:34.57 OREGON MASTERS '92
Eliott,Morrison,Holden,Huestis

P 2:34.77 LOS ALTOS MASTERS '92
McCann,Richards,Richards,Craddock

320-359

N 3:17.51 COAST MASTERS '96
Winship,Pfeiffer,Christians,Bowersock

P

400m FREE RELAYS

76-99

N 3:53.22 DAVIS AQUATIC MASTERS '94
Hoflyzer,Nabeta,Collins,Mounts

P 3:53.22 DAVIS AQUATIC MASTERS '94
Hoflyzer,Nabeta,Collins,Mounts

100-119

N 3:39.63 SANTA CLARA SWIM CLUB '94
Mariniuk,Parrack,Moore,Mortensen

P 3:39.63 SANTA CLARA SWIM CLUB '94
Mariniuk,Parrack,Moore,Mortensen

120-159

N 3:47.83 THE OLYMPIC CLUB '94
Placak,VanderBogart,Murphy,Lundberg

P 3:47.83 THE OLYMPIC CLUB '94
Placak,VanderBogart,Murphy,Lundberg

160-199

N 3:55.72 MINNESOTA MASTERS '98
Windrath,Leigh,Burns,Emison

P 4:00.68 THE OLYMPIC CLUB '94
Beglinger,Spieker,Corliss,Keck

200-239

N 4:05.72 LOS ALTOS MASTERS '94
Gray,Cazalet,James,Proebsting

P 4:05.72 LOS ALTOS MASTERS '94
Gray,Cazalet,James,Proebsting

240-279

N 4:36.23 OREGON MASTERS '98
Thayer,Peterson,Radcliff,Smith

P 4:49.02 RINCONADA MASTERS '94
da Rosa,Bennett,Shaw,Selmer

280-319

N 5:41.34 OREGON MASTERS '93
Walter,Eliott,Young,Holden

P 5:43.78 RINCONADA MASTERS '91
da Rosa,Irvine,Goldfarb,Kerswill

320-359

N 6:12.12 COAST MASTERS '98
Merrick,Bowersock,Christians,Giberson

P

400m MEDLEY RELAYS

76-99

N 4:24.89 THE OLYMPIC CLUB '94
Murray,Tarbell,Witchel,Goth

P 4:24.89 THE OLYMPIC CLUB '94
Murray,Tarbell,Witchel,Goth

100-119

N 4:12.04 NEW ENGLAND MASTERS '96
Barry,Vankuienburg,Gendreau,Barrett

P 4:14.09 SANTA CLARA SWIM CLUB '94
Mariniuk,Parrack,Moore,Mortensen

120-159

N 4:04.49 THE OLYMPIC CLUB '94
Murphy,Corliss,Lundberg,Keck

P 4:04.49 THE OLYMPIC CLUB '94

Murphy,Corliss,Lundberg,Keck

160-199

N 4:35.87 MINNESOTA MASTERS '94
Windrath,Evers,McCall,Nyman

P 4:38.31 THE OLYMPIC CLUB '94
Ferroggiaro,Haynes,VanderBogart,Spieker

200-239

N 4:38.46 THE OLYMPIC CLUB '94
Birnie,Strand,Bassi,Elder

P 4:38.46 THE OLYMPIC CLUB '94
Birnie,Strand,Bassi,Elder

240-279

N 5:21.05 GOLD COAST MASTERS '98
McIntyre,Kern,Burns,Cavanaugh

P 5:31.14 RINCONADA MASTERS '91
Goldfarb,da Rosa,Levinson,Kerswill

280-319

N 6:30.60 COLONIALS '90
Franks,Garsoe,Davidson,Bellaire

P 6:58.18 SAN MATEO MASTER MARLINS '97
Stupfel,Cunningham,Taft,Campbell

320-359

N 7:34.79 COAST MASTERS '98
Giberson,Merrick,Christians,Bowersock

P

800m FREE RELAYS

76-99

N 9:11.58 DAVIS AQUATIC MASTERS '89
Collins,Bailey,Hicks,McNamara

P 9:11.58 DAVIS AQUATIC MASTERS '89
Collins,Bailey,Hicks,McNamara

100-119

N 8:04.17 SANTA CLARA SWIM CLUB '94
Mariniuk,Mortensen,Parrack,Moore

P 8:04.17 SANTA CLARA SWIM CLUB '94
Mariniuk,Mortensen,Parrack,Moore

120-159

N 8:24.09 GEORGIA MASTERS '97
Frederick,Pulsifer,Randolph,Vazhenin

P 9:26.52 SANTA CLARA SWIM CLUB '94
Cespedes,Candelaria,Dugan,Koehler

160-199

N 8:47.08 MINNESOTA MASTERS '98
Leigh,Stewart,Windrath,Emison

P 9:02.49 THE OLYMPIC CLUB '94
Dietrich,Ferroggiaro,Spieker,Corliss

200-239

N 9:26.39 GOLD COAST MASTERS '98
Cavanaugh,Burns,Spire,Galvich

P 9:28.05 THE OLYMPIC CLUB '94
Birnie,Bassi,Elder,Strand

240-279

N 10:55.42 RINCONADA MASTERS '94
da Rosa,Bennett,Shaw,Selmer

P 10:55.42 RINCONADA MASTERS '94
da Rosa,Bennett,Shaw,Selmer

280-319

N 12:22.64 SAN MATEO MASTER MARLINS '94
Taft,Taioli,Moran,Steuart

P 12:22.64 SAN MATEO MASTER MARLINS '94
Taft,Taioli,Moran,Steuart

320-359

N 17:33.86 COAST MASTERS '96
Glenn,Christians,Pfeiffer,Bowersock

P

MIXED RELAYS

200m FREE RELAYS

1998 USMS/PMS LONG COURSE RELAY RECORDS

<u>76-99</u>					Russ,Kron,Krup,Woodford	
N	1:48.50	UNIV. OF SAN FRANCISCO	'92	P	3:10.90	SAN MATEO MASTER MARLINS '89
		Hinshaw,Yang,Hauer,Geller				Taft,Taft,Moran,Etienne
P	1:48.50	UNIV. OF SAN FRANCISCO	'92		<u>320-359</u>	
		Hinshaw,Yang,Hauer,Geller		N	3:57.45	SAN MATEO MASTER MARLINS '94
<u>100-119</u>						Kaufman,Roumasset,Taft,Etienne
N	1:44.84	MICHIGAN MASTERS	'96	P	3:57.45	SAN MATEO MASTER MARLINS '94
		Burrell,Devlin,Mercer,Green				Kaufman,Roumasset,Taft,Etienne
P	1:47.29	WALNUT CREEK MASTERS	'90			
		Stahl,Roemer,Ingraham,Remmert				
<u>120-159</u>				<u>400m FREESTYLE RELAYS</u>		
N	1:42.65	GOLD COAST MASTERS	'98	<u>76-99</u>		
		Pace,Moll,Herrington,Wienants		N	4:04.97	THE OLYMPIC CLUB '95
P	1:48.76	WALNUT CREEK MASTERS	'92			Budney,Cooley,Weigand,Rowell
		Stahl,Landers,Henry,Rogers		P	4:04.97	THE OLYMPIC CLUB '95
						Budney,Cooley,Weigand,Rowell
<u>160-199</u>				<u>100-119</u>		
N	1:45.83	ROCKY MOUNTAIN MASTERS	'98	N	4:07.44	WALNUT CREEK MASTERS '93
		Garnier,Welting,Abrahams,Lilley				Rodgers,Heim,Gheggeri,Ortega
P	1:50.46	THE OLYMPIC CLUB	'98	P	4:07.44	WALNUT CREEK MASTERS '93
		Schriger,Clark,Meyer,Lundberg				Rodgers,Heim,Gheggeri,Ortega
<u>200-239</u>				<u>120-159</u>		
N	1:55.50	LOS ALTOS MASTERS	'94	N	4:01.94	WALNUT CREEK MASTERS '91
		Cazalet,Val,Proebsting,Proebsting				Lewis,Roemer,Fristoe,Remmert
P	1:55.50	LOS ALTOS MASTERS	'94	P	4:01.94	WALNUT CREEK MASTERS '91
		Cazalet,Val,Proebsting,Proebsting				Lewis,Roemer,Fristoe,Remmert
<u>240-279</u>				<u>160-199</u>		
N	2:07.26	SAN DIEGO MASTERS	'97	N	4:02.04	TEAM ORLANDO '97
		Baker,Little,Marr,Earley				Seaman,Milttenberger,Shonkwiler,Meisenheimer
P	2:10.74	LOS ALTOS MASTERS	'92	P	4:08.95	THE OLYMPIC CLUB '95
		Richards,Craddock,Sehorn,Val				Strand,Keck,Meyer,Ogier
<u>280-319</u>				<u>200-239</u>		
N	2:31.29	OREGON MASTERS	'92	N	4:29.32	TEAM TEXAS '97
		Huestis,Holden,Smith,Stangel				Neilson-Bell,Wise,Baldwin,Bell
P	2:43.36	SAN MATEO MASTER MARLINS	'89	P	4:57.01	SAN MATEO MASTER MARLINS '97
		Etienne,Taft,Taft,Taioli				Brenner,Milner,Dunn,Galine
<u>320-359</u>				<u>240-279</u>		
N	3:03.15	D.C. MASTERS	'93	N	5:09.00	SAN DIEGO MASTERS '97
		Clark,Walker,Lemmon,McAfee				Baker,Kimball,Lund,Marr
P	3:24.78	SAN MATEO MASTER MARLINS	'94	P	5:47.19	RINCONADA MASTERS '92
		Etienne,Roumasset,Kaufman,Taft				Callison,Bass,Heinichen,da Rosa
<u>200m MEDLEY RELAYS</u>				<u>280-319</u>		
<u>76-99</u>				N	6:08.62	SAN MATEO MASTER MARLINS '89
N	2:02.31	UNIV. OF SAN FRANCISCO	'92			Etienne,Taft,Taft,Taioli
		Yang,Hauer,Mackem,Hinshaw		P	6:08.62	SAN MATEO MASTER MARLINS '89
P	2:02.31	UNIV. OF SAN FRANCISCO	'92			Etienne,Taft,Taft,Taioli
		Yang,Hauer,Mackem,Hinshaw		<u>320-359</u>		
<u>100-119</u>				N	7:40.34	SAN MATEO MARLINS '95
N	1:56.50	HOUSTONIAN CLUB	'90			Kaufman, Z.Taft,R.Taft,Etienne
		Britt,Wetzel-Osborne,Knowles,Wetzel		P	7:40.34	SAN MATEO MARLINS '95
P	2:00.13	THE OLYMPIC CLUB	'96			Kaufman, Z.Taft,R.Taft,Etienne
		Schriger,Patrick,Keck,Scott		<u>400m MEDLEY RELAYS</u>		
<u>120-159</u>				<u>76-99</u>		
N	1:57.30	GOLD COAST MASTERS	'98	N	4:36.72	UNIV. OF SAN FRANCISCO '91
		Crawford,VanNeerden,Moll,Herrington				Hinshaw,Dearborn,Panzica,Hauer
P	1:59.68	WALNUT CREEK MASTERS	'97	P	4:36.72	UNIV. OF SAN FRANCISCO '91
		Hartnett,Patterson,Stahl,Vidal				Hinshaw,Dearborn,Panzica,Hauer
<u>160-199</u>				<u>100-119</u>		
N	2:01.22	TEAM TEXAS	'98	N	4:36.14	WALNUT CREEK MASTERS '90
		S.Wencel,Guthrie,B.Wencel,Nielson-Bell				Boscovich,Jaques,O'Brien,Roemer
P	2:02.11	THE OLYMPIC CLUB	'98	P	4:36.14	WALNUT CREEK MASTERS '90
		Schriger,Strand,Lundberg,Meyer				Boscovich,Jaques,O'Brien,Roemer
<u>200-239</u>				<u>120-159</u>		
N	2:08.56	TAMALPAIS AQ. MASTERS	'98	N	4:35.74	HEARTLAND MASTERS '93
		Burns,Frost,Val, Ridout				Davidson,Starks,Schafee,Mench
P	2:08.56	TAMALPAIS AQ. MASTERS	'98	P	4:40.74	RINCONADA MASTERS '92
		Burns,Frost,Val, Ridout				Fatlar,Baxter,Koslowski,Elsbach
<u>240-279</u>				<u>160-199</u>		
N	2:28.04	NORTH CAROLINA MASTERS	'97	N	4:41.21	TEAM ORLANDO '97
		Mitchell,Newell,Kortheuer,Webber				Shonkwiler,Milttenberger,Seaman,Meisenheimer
P	2:29.22	LOS ALTOS MASTERS	'93			
		Sehorn,Boak,R.Proebsting,Richards				
<u>280-319</u>						
N	2:56.33	O*H*I*O MASTERS	'93			

1998 USMS/PMS LONG COURSE RELAY RECORDS

P	4:52.24	TEAM BERKELEY Elder,Dash,Czakala,Buchanan	'98
<u>200-239</u>			
N	4:51.55	TAMALPAIS AQ. MASTERS Burns,Jonckheer,Val,Ridout	'98
P	4:51.55	TAMALPAIS AQ. MASTERS Burns,Jonckheer,Val,Ridout	'98
<u>240-279</u>			
N	6:02.09	GOLD COAST MASTERS Rapperport,Cavanaugh,Krauser,Sonia	'97
P	6:07.19	WALNUT CREEK MASTERS Brown,Pisciotta,Morner,Barabash	'92
<u>280-319</u>			
N	7:16.12	ST. PETERSBURG MASTERS Hutinger,Maloney,Carr,Schimpf	'95
P	7:18.33	RINCONADA MASTERS Weiss,da Rosa,Scholer,Heinichen	'92
<u>320-359</u>			
N	8:52.61	D.C. MASTERS Walker,Lemmon,Mattila,Kassell	'93
P	9:14.19	SAN MATEO MASTER MARLINS Kaufman,Roumasset,Taft,Etienne	'94

800m FREE RELAYS

<u>76-99</u>			
N	9:13.51	DAVIS AQUATIC MASTERS Mounts,Schultz,Woods,Nabeta	'94
P	9:13.51	DAVIS AQUATIC MASTERS Mounts,Schultz,Woods,Nabeta	'94
<u>100-119</u>			
N	8:45.64	SANTA CLARA SWIM CLUB Watkins,Hazen,Moore,Schaffer	'95
P	8:45.64	SANTA CLARA SWIM CLUB Watkins,Hazen,Moore,Schaffer	'95
<u>120-159</u>			
N	9:03.87	TEAM ORLANDO Seaman,Shonkwiler,Scray,Meisenheimer	'97
P	9:16.50	WALNUT CREEK MASTERS Roemer,Barber,O'Brien,Ingraham	'90
<u>160-199</u>			
N	9:07.41	TEAM TEXAS Wood,Neilson-Bell,Wise,Bell	'97
P	9:15.91	THE OLYMPIC CLUB Keck,Meyer,Strand,Ogier	'95
<u>200-239</u>			
N	10:30.93	SAN DIEGO MASTERS Dunbar,Earley,Jordan,Boswell	'97
P	11:22.02	DAVIS AQUATIC MASTERS Horton,Munn,Fitzhugh,McPherson	'94
<u>240-279</u>			
N	11:35.20	GOLD COAST MASTERS McGuire,Krauser,Kern,Leskovitz	'94
P	12:21.32	LOS ALTOS MASTERS Proebsting,Sehorn,Bennett,McCann	'89
<u>280-319</u>			
N	14:06.13	ST. PETERSBURG MASTERS Hutinger,Maloney,Carr,Schimpf	'95
P	14:26.78	SAN MATEO MASTER MARLINS Etienne,Taioli,Taft,Taft	'89
<u>320-359</u>			
N	17:09.50	SAN MATEO MASTER MARLINS Etienne,Kaufman,Roumasset,Taft	'94
P	17:09.50	SAN MATEO MASTER MARLINS Etienne,Kaufman,Roumasset,Taft	'94