



Short Course Meters 2018 Top Ten

Published March 2018

The 2018 Short Course Meters Top Ten is the last issue in a series of three 2018 Top Ten issues produced by United States Masters Swimming. Inside you will find the Top Ten Times for the 2018 Short Course Meter season (swims performed in a 25 meter pool) made on or before December 31, 2018 and forwarded to the National Swims Administrator, Mary Beth Windrath, by January 26th, 2019. Each LMSC is responsible for reporting the Top Ten Times, USMS national records, and world records achieved in its LMSC.

The first line under each event (which is indented) is the current national record for that event and age group. An “NV” after a top ten time indicates that appropriate documentation has not yet been supplied and the time is Not Verified as a record.

Top Ten Patches

Each person (individuals and relay members) on this list is eligible to purchase a Top Ten Patch with stroke segment. To order: Make checks payable to Lake Erie LMSC. Go to http://www.usms.org/comp/tt/tt_patch_for_m.pdf, print and complete the order form and send your information to:

USMS Top Ten Patch Order
c/o Judi Norton
4269 Mallard Cove
Avon, OH 44011-3225
e-mail: toptenpatches@usms.org.

All American Patches and Certificates

Once the SCM Top Ten is *finalized*, the official 2018 All American Roster will be produced. A swimmer/relay who has the Top Ten time in one or more events in any one of the three courses qualifies for All American status. Individual All Americans will be sent a congratulations letter from the USMS National Office. To order an All

American Certificate and Patch, send a check for \$5 made out to USMS to:
U.S. Masters Swimming Member Services

1751 Mound Street
Sarasota, FL 34236

Those individuals performing the most first place times, in the most events, in their age group are awarded All Star status. All Stars will receive a special certificate from USMS. All American (individual) and All Star rosters will be listed on our Web site.

For more information on USMS, visit our Web Site at www.usms.org. There you will find everything you want to know about United States Masters Swimming, including: Administration, Coaching, Competition, Fitness, Merchandise, Places to Swim, Training, the World of Swimming and links to USMS Top-Ten, USMS and FINA World Records.

A big thank you goes out to: LMSC Top Ten Recorders who are all dedicated volunteers who spend countless hours at their computers on our behalf, Mary Beth Windrath and the members of the Records & Tabulations Committee for the work you do in pulling all this information together and Walt Reid for his many years of service in records tabulation.

Happy Swimming!

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	55-59.....15
	60-64.....15
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	75-79.....17
	80-84.....18
	85-89.....19
	90-94.....19
	95-99.....19
	100-104.....19
Women’s Relays	72+.....20
	100+.....20
	120+.....20
	160+.....21
	200+.....22
	240+.....23
	280+.....24
	320+.....24
Men’s Relays	72+.....24
	100+.....25
	120+.....25
	160+.....26
	200+.....27
	240+.....28
	280+.....29
	320+.....29
	360+.....30
Mixed Relays	72+.....30
	100+.....30
	120+.....31
	160+.....31
	200+.....32
	240+.....33
	280+.....34
	320+.....35
	360+.....35
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Season	Date of Swims for Top 10 Consideration	Date Data must be Submitted	Report Delivered
Short Course Yards	On or before May 31	June 30	August
Long Course Meters	On or before Sept. 30	October 20	December
Short Course Meters	On or before Dec. 31	January 26 (of following year)	March

38.96	Christine Hughes	27	2:31.03	Mackenzie M Leake	25	10:53.31	Megan M Tosh	33	2:55.62	Stefanie Capizzi	31
39.12	Anna K Senko	26	2:32.86	Jessica Cutler	26	10:56.11	Laura Hendrickson	34	2:56.32	Ellen Minzenmayer	30
■ 100 M. BREASTSTROKE			2:35.96	Alana M Aubin	28	■ 1500 M. FREESTYLE			2:57.17	Krysten M Sciacca	30
1:10.04	MEGAN JENDRICK	12	2:37.45	Hilary Ottaviano	27	16:26.93	DAWN HECKMAN	11	2:59.61	Morena I Calvo	31
1:13.48	C Iovanovich	29	2:38.36	Alice Horton	25	18:18.47	Emily S Parker	33	3:00.80	Sarah Dombrowski	30
1:14.92	Michelle K Duraj	26	2:39.89	Jenny Holtzen	25	18:47.60	Anna W Graham	30	3:01.49	Marlena L Tonelli	30
1:16.22	Jessica L Stacy	29	■ 400 M. INDIVIDUAL MEDLEY			18:57.02	Mary E Holman	32	■ 50 M. BUTTERFLY		
1:16.95	Courtney Randolph	27	5:02.54	WENKE HANSEN	98	18:59.19	Lauren A Morford	33	27.89	NORIKO INADA	11
1:17.66	Molly A Smith	27	5:07.41	Courtney Randolph	27	19:25.47	Sara E Holman	32	29.16	Sarah M Hernandez	34
1:19.79	Jenny Holtzen	25	5:16.49	Mackenzie M Leake	25	20:16.91	Jessica L James	32	30.37	Brooke Bennett	30
1:20.38	Lindsay G Hall	29	5:20.62	Molly A Smith	27	20:59.61	Laura Hendrickson	34	30.63	Kelly M Harrigan	34
1:20.72	Sarah Y Robertson	27	5:26.61	C Raininger	28	21:34.04	K Gasparovic	31	30.69	Kristine L Trutor	30
1:21.47	Dana E Hatic	28	5:30.74	Hilary Ottaviano	27	21:50.60	Amy M Flessert	34	30.89	Marissa L Clapp	31
1:21.80	Lauren Frendreis	29	5:33.73	Alana M Aubin	28	22:01.40	Lindsay A Fuller	34	31.27	Alisha M Rembach	30
■ 200 M. BREASTSTROKE			5:34.73	Lauren Frendreis	29	■ 50 M. BACKSTROKE			31.70	Julie C Kamat	31
2:29.80	MEGAN JENDRICK	12	5:40.06	Keely MacDonald	29	27.61	NORIKO INADA	09	31.85	A Betenbaugh	33
2:39.89	C Iovanovich	29	5:40.76	Lindsay Gaudinier	29	30.24	Kelly M Harrigan	34	32.11	LaJoya B Smith	30
2:41.58	Michelle K Duraj	26	5:45.20	Katherine Kaiser	27	30.58	Sarah M Hernandez	34	32.44	Erin Orben	34
2:45.94	Molly A Smith	27				32.29	Brittany B Rogers	30	■ 100 M. BUTTERFLY		
2:46.75	Allison A Arnold	26				32.72	Marissa L Clapp	31	1:00.34	ERIKA ERNDL	12
2:52.47	Mackenzie M Leake	25				32.83	Ava B Ohlgren	30	1:03.54	Sarah M Hernandez	34
2:58.15	Sarah Y Robertson	27				33.20	Brittany Butcher	33	1:06.34	Kelly M Harrigan	34
3:08.74	Rachel Weber	27				33.52	Karen Younkins	32	1:09.45	Anna W Graham	30
3:10.74	Chelsea Chan	26				33.71	Kate Hibbard	34	1:10.20	Alisha M Rembach	30
3:14.01	Lindsay Myszkowski	25				34.25	Brooke Bennett	30	1:11.60	Erica L Biefnes	31
3:18.99	Olivia H Addicks	28				34.58	Hannah Galey	31	1:11.72	Denise M Letendre	30
■ 50 M. BUTTERFLY						■ 100 M. BACKSTROKE			1:12.72	A Betenbaugh	33
26.31	CLAIRE DONAHUE	15				59.53	NORIKO INADA	09	1:13.06	Kathleen E McGraw	32
28.58	Lori F Lynn	25				1:04.82	Kelly M Harrigan	34	1:14.07	Kristine L Trutor	30
29.04	Jessica L Stacy	29				1:08.94	Sarah M Hernandez	34	1:15.36	Kasia M Sawicz	34
29.95	Lauren Frendreis	29				1:11.51	Karen Younkins	32	■ 200 M. BUTTERFLY		
29.98	Hailey Bambusch	28				1:11.65	Kate Hibbard	34	2:19.34	KATRINA RADKE	03
30.21	Deidre M Geroni	27				1:13.26	Laura M Condon	32	2:31.69	Denise M Letendre	30
30.27	Megan R Jex	27				1:13.56	Kristine L Trutor	30	2:33.03	Anna W Graham	30
30.30	C Iovanovich	29				1:14.35	Krysten M Sciacca	30	2:38.35	Alisha M Rembach	30
30.43	Christina Bechtel	25				1:14.72	Hannah Galey	31	2:43.80	Kasia M Sawicz	34
30.68	Meghan Donahue	29				1:15.40	Katy Houston	31	2:45.23	Shannon E Greene	33
31.32	C Raininger	28				1:16.89	Sara E Holman	32	2:52.88	Allison L Cox	34
■ 100 M. BUTTERFLY						■ 200 M. BACKSTROKE			2:57.71	Stefanie Capizzi	31
58.11	CLAIRE DONAHUE	15				2:12.47	L OBERSTAR-BROWN	08	2:59.75	Sarah E Bofinger	32
1:04.64	Jessica L Stacy	29				2:20.78	Kelly M Harrigan	34	3:00.14	Laura Hendrickson	34
1:05.03	Caitlin DeNise	27				2:29.70	Denise M Letendre	30	3:01.46	Ginger B Howell	33
1:06.11	Deidre M Geroni	27				2:31.89	Emily S Parker	33	■ 100 M. INDIVIDUAL MEDLEY		
1:06.56	Katie C Kastes	29				2:37.73	Kristine L Trutor	30	1:02.52	ERIKA ERNDL	12
1:07.61	Ursula A Dailey	28				2:38.87	Karen Younkins	32	1:06.85	Sarah M Hernandez	34
1:07.84	Lauren Frendreis	29				2:39.25	Sara E Holman	32	1:08.97	Kelly M Harrigan	34
1:08.06	Alana M Aubin	28				2:42.69	Sharon C Taylor	33	1:09.38	Ava B Ohlgren	30
1:08.92	Anna K Senko	26				2:43.49	Leslie N Cichocki	30	1:09.57	Marissa L Clapp	31
1:09.14	C Iovanovich	29				2:43.74	mary jayne kuhnen	32	1:10.19	Britta O'Leary	34
1:10.23	Allison A Arnold	26				2:46.62	Jess Jiang	32	1:11.86	Kathryn E Vandam	33
■ 200 M. BUTTERFLY						■ 50 M. BREASTSTROKE			1:11.99	Kathleen E McGraw	32
2:17.83	CLAIRE DONAHUE	15				32.17	HANNAH CALDAS	11	1:13.32	Kristine L Trutor	30
2:29.73	Deidre M Geroni	27				34.94	Sarah M Hernandez	34	1:13.52	Sharon C Taylor	33
2:30.36	Mackenzie M Leake	25				35.72	Marissa L Clapp	31	1:14.11	Erica L Biefnes	31
2:33.19	Hilary Ottaviano	27				36.25	Britta O'Leary	34	■ 200 M. INDIVIDUAL MEDLEY		
2:36.25	Alana M Aubin	28				36.80	Sharon C Taylor	33	2:18.79	K PIPES-NEILSEN	96
2:41.29	Lindsay Gaudinier	29				37.19	Ava B Ohlgren	30	2:27.86	Denise M Letendre	30
2:45.34	Sadie Fieni	28				37.20	Morena I Calvo	31	2:29.21	Marissa L Clapp	31
2:46.95	M Maciejczyk	26				37.32	Ellen Minzenmayer	30	2:33.69	Emily S Parker	33
2:57.72	Lauren Turner	26				37.37	Katy Houston	31	2:34.68	Kathryn E Vandam	33
3:19.58	Cortney L Jordan	27				37.72	Stefanie Capizzi	31	2:36.00	Yuka Oka	34
3:32.03	Brittany Cushman	25				37.77	Brooke Bennett	30	2:41.69	Stefanie Capizzi	31
■ 100 M. INDIVIDUAL MEDLEY						■ 100 M. BREASTSTROKE			2:43.76	Brittany Butcher	33
1:03.41	MEGAN JENDRICK	11				1:10.00	WENKE HANSEN	00	2:44.85	Marlena L Tonelli	30
1:04.01	Marina Spadoni	25				1:15.57	Sarah M Hernandez	34	2:45.25	Sara E Holman	32
1:07.06	Jessica L Stacy	29				1:16.12	Marissa L Clapp	31	2:46.27	Shannon E Greene	33
1:07.20	C Iovanovich	29				1:17.41	Britta O'Leary	34	■ 400 M. INDIVIDUAL MEDLEY		
1:07.80	Megan R Jex	27				1:18.74	Denise M Letendre	30	4:53.85	K PIPES-NEILSEN	96
1:07.87	Michelle K Duraj	26				1:19.24	Sharon C Taylor	33	5:18.02	Denise M Letendre	30
1:10.22	Katie C Kastes	29				1:20.61	Ellen Minzenmayer	30	5:21.92	Emily S Parker	33
1:10.57	C Raininger	28				1:21.33	Stefanie Capizzi	31	5:24.13	Anna W Graham	30
1:10.67	Courtney Randolph	27				1:22.69	Morena I Calvo	31	5:25.02	Krysten M Sciacca	30
1:10.76	Meghan Donahue	29				1:23.27	Lianne E Nihan	30	5:27.04	Kathryn E Vandam	33
1:10.82	Jessica Cutler	26				1:23.61	Marlena L Tonelli	30	5:32.31	Yuka Oka	34
■ 200 M. INDIVIDUAL MEDLEY						■ 200 M. BREASTSTROKE			5:41.54	Sara E Holman	32
2:21.79	WENKE HANSEN	98				2:30.65	WENKE HANSEN	00	5:43.74	Stefanie Capizzi	31
2:24.39	Courtney Randolph	27				2:42.63	Marissa L Clapp	31	5:49.91	Marlena L Tonelli	30
2:28.68	Jessica L Stacy	29				2:43.75	Denise M Letendre	30	5:52.03	Mary E Holman	32
2:28.96	C Iovanovich	29				2:48.13	Britta O'Leary	34			
2:30.77	Molly A Smith	27				2:52.61	Sharon C Taylor	33			

WOMEN 30-34

■ 50 M. FREESTYLE

25.69	ERIKA ERNDL	12
26.96	Sarah M Hernandez	34
27.19	LaJoya B Smith	30
27.76	Kelly M Harrigan	34
27.81	Ava B Ohlgren	30
28.16	Brooke Bennett	30
28.28	Julie C Kamat	31
28.71	Kathleen E McGraw	32
28.81	Aleesha Lewis	30
28.90	Marissa L Clapp	31
28.94	Lianne E Nihan	30

■ 100 M. FREESTYLE

54.75	ERIKA ERNDL	12
58.59	Sarah M Hernandez	34
1:00.53	Kelly M Harrigan	34
1:01.55	LaJoya B Smith	30
1:02.14	Britta O'Leary	34
1:03.11	Alisha M Rembach	30
1:03.21	Julie C Kamat	31
1:03.43	Jessica L James	32
1:04.30	Laura M Condon	32
1:04.36	Brooke Bennett	30
1:05.87	Erin Orben	34

■ 200 M. FREESTYLE

2:04.64	K PIPES-NEILSEN	96
2:11.36	Kelly M Harrigan	34
2:15.32	Emily S Parker	33
2:18.52	Sara E Holman	32
2:19.84	Jessica L James	32
2:23.24	Mary E Holman	32
2:23.58	Laura C Rose	32
2:23.85	C Hartford	31
2:24.24	Allison L Cox	34
2:25.43	Jessica Conway	31
2:25.56	Marlena L Tonelli	30

■ 400 M. FREESTYLE

4:17.82	DAWN HECKMAN	11
4:38.18	Emily S Parker	33
4:43.52	Kelly M Harrigan	34
4:48.43	Sara E Holman	32
4:52.97	Mary E Holman	32
4:58.08	Anna W Graham	30
4:59.99	Marlena L Tonelli	30
5:02.30	Allison L Cox	34
5:02.51	C Hartford	31
5:04.32	Jessica L James	32
5:07.12	Heather Bernstein	33

■ 800 M. FREESTYLE

8:38.58	DAWN HECKMAN	11
9:44.45	Emily S Parker	33
9:53.01	Sara E Holman	32
9:58.11	Mary E Holman	32
9:59.32	Anna W Graham	30
10:17.64	Allison L Cox	34
10:23.63	Sarah M Chinn	34
10:25.80	C Hartford	31
10:36.94	Stephanie McQuade	31

WOMEN 35-39

■ 50 M. FREESTYLE

25.10 DARA TORRES	06
27.89 Megan E Melgaard	38
28.38 E Vucinich	38
28.89 Lindsey Urbatchka	35
29.00 Mary Lee	36
29.11 Mollie K Grover	37
29.62 Elizabeth Mullins	37
29.72 Katie Martin	35
29.79 Elizabeth Nymeyer	36
29.81 Melissa Giovanni	39
30.05 Brooke J Green	39

■ 100 M. FREESTYLE

54.95 DARA TORRES	06
1:00.49 Mollie K Grover	37
1:02.87 Mary Lee	36
1:03.77 Laura A Lawrence	38
1:04.43 Natasha Singleton	38
1:04.48 Elizabeth Mullins	37
1:04.59 Katie Martin	35
1:05.86 Melissa Giovanni	39
1:05.89 Maggie A Trujillo	35
1:07.41 Melinda Williams	37
1:07.68 Jackie M Majer	36

■ 200 M. FREESTYLE

2:03.56 K PIPES-NEILSEN	97
2:18.25 Laura Nuudi	37
2:20.44 Laura A Lawrence	38
2:20.74 Heidi M Hendrick	37
2:21.02 Melissa Giovanni	39
2:22.20 Melinda Williams	37
2:24.09 A Mayer-Liotta	39
2:25.37 Frimerman-Bergqui	35
2:26.43 Elizabeth Mullins	37
2:27.22 Nicole D Burke	39
2:27.99 Lisa M Chin	37

■ 400 M. FREESTYLE

4:22.56 K PIPES-NEILSEN	99
4:36.09 Ashley A Whitney	39
4:47.36 Ildiko Szekely	39
4:50.30 Frimerman-Bergqui	35
4:55.33 Melissa Giovanni	39
4:57.72 Melinda Williams	37
5:03.20 K Estrada-Pozzi	35
5:03.82 Catherine Knight	39
5:07.65 Kathy G Chung	37
5:16.22 Lisa M Chin	37
5:23.42 Juliana M Galan	35

■ 800 M. FREESTYLE

8:57.60 HEIDI GEORGE	15
9:50.66 Frimerman-Bergqui	35
10:01.56 Melinda Williams	37
10:19.94 Heidi M Cough	37
10:20.05 Melissa Giovanni	39
10:34.28 K Estrada-Pozzi	35
10:41.30 Amy Heape	35
11:32.24 Emma S Hansen	36
11:34.65 Amy K Sitzmann	38
11:59.07 Helene Nehrebecki	38
12:02.39 Catherine Tibbs	35

■ 1500 M. FREESTYLE

16:52.94 HEIDI GEORGE	15
18:33.76 Frimerman-Bergqui	35
19:51.98 K Estrada-Pozzi	35
20:18.36 Kathy G Chung	37
20:35.85 Heather M Frees	35
20:55.59 Kathryn M Jantz	35
21:23.72 Patricia Davidson	35
21:32.92 Jenny Ferries	37
21:41.98 Katy Smith	37
21:43.07 Hannah Gottschall	38
23:38.03 Alexis Schubert	37

■ 50 M. BACKSTROKE

27.63 NORIKO INADA	16
31.37 Megan E Melgaard	38
31.54 E Vucinich	38
32.05 Sara Shepherd	36
32.25 Mollie K Grover	37

32.76 Brooke J Green	39
33.35 Lindsey Urbatchka	35
33.62 Natasha Singleton	38
34.55 Laura Nuudi	37
35.46 Maggie A Trujillo	35
35.56 Emma S Hansen	36

■ 100 M. BACKSTROKE

1:00.43 NORIKO INADA	17
1:06.60 Megan E Melgaard	38
1:07.67 Mollie K Grover	37
1:08.48 Sara Shepherd	36
1:09.02 E Vucinich	38
1:12.28 Natasha Singleton	38
1:12.89 Laura Nuudi	37
1:13.69 Mary Lee	36
1:13.88 Brooke J Green	39
1:15.62 Melinda Williams	37
1:16.12 Emma S Hansen	36

■ 200 M. BACKSTROKE

2:14.10 K PIPES-NEILSEN	97
2:29.26 Mollie K Grover	37
2:33.37 Natasha Singleton	38
2:38.68 Melinda Williams	37
2:44.18 Maggie A Trujillo	35
2:44.29 Juliana M Galan	35
2:48.07 Emma S Hansen	36
2:48.76 Heather Tiernan	35
2:49.46 Jenny Ferries	37
2:51.88 Patricia Davidson	35
2:52.96 Claire C Russo	35

■ 50 M. BREASTSTROKE

32.48 KATIE GLENN	15
36.20 A Mayer-Liotta	39
37.25 Kendra E Wilson	37
37.46 Evangeline Geskos	35
38.65 Mollie K Grover	37
38.84 Nicole M Smith	36
39.74 Jenny Ferries	37
40.39 Mary T Hollister	39
41.01 Krista Gass	39
41.03 Tralee M Thorn	36
41.13 Amanda Metz	38

■ 100 M. BREASTSTROKE

1:09.41 CYNTHIA LEWIS	14
1:18.93 A Mayer-Liotta	39
1:19.24 Kendra E Wilson	37
1:21.44 Evangeline Geskos	35
1:22.18 Mary T Hollister	39
1:26.14 Nicole D Burke	39
1:26.39 Marcela Rueda	36
1:28.58 Heather Mills	35
1:28.76 Jenny Ferries	37
1:29.33 Katrina Stewart	39
1:30.15 Tralee M Thorn	36

■ 200 M. BREASTSTROKE

2:33.73 CYNTHIA LEWIS	14
2:58.72 Kendra E Wilson	37
3:02.86 Clare E Hine	36
3:06.75 Marcela Rueda	36
3:07.63 Melinda Williams	37
3:08.19 Nicole M Smith	36
3:09.32 Jennifer Carlson	39
3:13.10 Laura A Lawrence	38
3:15.06 Katrina Stewart	39
3:18.24 Amanda Metz	38
3:22.20 Elizabeth A Flynn	39

■ 50 M. BUTTERFLY

27.45 NORIKO INADA	15
29.43 E Vucinich	38
30.62 Lindsey Urbatchka	35
31.98 Mollie K Grover	37
32.04 Evangeline Geskos	35
32.23 Kathy G Chung	37
32.78 Kendra E Wilson	37
32.96 Krista Gass	39
32.98 Elizabeth Mullins	37
33.42 Mary T Hollister	39
33.47 Stacey Thureen	36

■ 100 M. BUTTERFLY

1:03.29 K PIPES-NEILSEN	97
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1:07.52 E Vucinich	38
1:08.55 Ildiko Szekely	39
1:09.03 Lindsey Urbatchka	35
1:12.14 Laura A Lawrence	38
1:12.36 Stacey Thureen	36
1:14.15 Melinda Williams	37
1:15.12 Katie Martin	35
1:16.72 Erin C McPeak	38
1:16.73 Mary T Hollister	39
1:16.79 Heidi M Cough	37

■ 200 M. BUTTERFLY

2:18.41 K PIPES-NEILSEN	97
2:25.89 Ildiko Szekely	39
2:40.92 Irish Holland	38
2:45.03 Amy Heape	35
2:45.42 Melinda Williams	37
2:45.77 Laura A Lawrence	38
2:46.69 Heather M Frees	35
2:47.59 Frimerman-Bergqui	35
2:49.49 Erin C McPeak	38
2:59.88 Heather Tiernan	35
3:00.02 Megan M Andrus	37

■ 100 M. INDIVIDUAL MEDLEY

1:04.61 SHERI HART	09
1:13.81 Laura A Lawrence	38
1:14.40 Kendra E Wilson	37
1:14.52 Katie Martin	35
1:16.07 Natasha Singleton	38
1:16.86 Krista Gass	39
1:17.18 Maresa Jackson	39
1:17.60 Nicole D Burke	39
1:17.74 Maggie A Trujillo	35
1:17.93 Melinda Williams	37
1:18.21 Heather Tiernan	35

■ 200 M. INDIVIDUAL MEDLEY

2:19.08 K PIPES-NEILSEN	00
2:34.96 Sara Shepherd	36
2:37.76 Laura A Lawrence	38
2:40.73 Katie Martin	35
2:41.72 Melinda Williams	37
2:45.86 Mary T Hollister	39
2:47.78 Claire C Russo	35
2:50.41 Heather Tiernan	35
2:52.86 Clare E Hine	36
2:54.04 Heather Mills	35
2:55.79 Marcela Rueda	36

■ 400 M. INDIVIDUAL MEDLEY

4:52.85 K PIPES-NEILSEN	97
5:18.22 Ildiko Szekely	39
5:36.09 Melinda Williams	37
5:38.75 Katie Martin	35
5:38.92 Frimerman-Bergqui	35
5:40.69 Irish Holland	38
5:56.36 Heather M Frees	35
5:57.33 Laura A Lawrence	38
5:57.47 Jennifer Carlson	39
6:00.11 Heather Tiernan	35
6:17.35 Patricia Davidson	35

WOMEN 40-44

■ 50 M. FREESTYLE

26.02 ERIKA BRAUN	14
27.68 Kerry Lindauer	44
27.96 Katie Grier	40
29.23 Sonja Skinner	42
29.35 Casey M Keiber	41
29.38 Keri Nappi	40
29.40 Erin C Moro	40
29.49 Rebecca A Aten	42
29.54 Alicia K Uhl	41
29.54 Karen M Stump	40
29.54 Andrea Lund Kakas	42

■ 100 M. FREESTYLE

57.08 ERIKA BRAUN	14
59.96 Katie Glenn	42
1:00.57 Kerry Lindauer	44
1:03.90 Erin C Moro	40
1:04.44 Sonja Skinner	42
1:05.02 Mary Kay Krause	41

1:05.65 Karen M Stump	40
1:05.86 Rebecca A Aten	42
1:06.80 Kysa M Crusco	42
1:06.82 Serena H Johnson	41
1:07.09 Susan E Keeler	40

■ 200 M. FREESTYLE

2:05.26 K PIPES-NEILSEN	03
2:07.37 Katie Glenn	42
2:16.44 Janel Lobur	41
2:18.69 Mary Kay Krause	41
2:19.16 Rebecca A Aten	42
2:20.50 Stacey L Bruce	44
2:22.02 Eve G Maidenberg	42
2:23.26 Erin N Tobias	40
2:24.44 Heather B Congdon	40
2:24.86 Jennifer Downing	40
2:27.17 Kristen N Gross	44

■ 400 M. FREESTYLE

4:21.75 K PIPES-NEILSEN	03
4:37.14 Katie Glenn	42
4:52.55 Stacey L Bruce	44
4:55.46 Mary Kay Krause	41
4:55.87 Rebecca A Aten	42
4:55.99 Erin N Tobias	40
4:57.22 Jennifer Downing	40
4:58.17 Alicia K Uhl	41
4:58.70 Eve G Maidenberg	42
4:58.73 Julie Roddin	42
5:00.29 Kysa M Crusco	42

■ 800 M. FREESTYLE

8:55.95 HEIDI GEORGE	17
10:02.19 Stacey L Bruce	44
10:09.30 Eve G Maidenberg	42
10:11.88 Rebecca A Aten	42
10:14.19 Stacy L Sweetser	43
10:19.61 Susan E Keeler	40
10:28.33 Leslie B Monroe	44
10:28.65 Kysa M Crusco	42
10:31.60 Jennifer Downing	40
10:44.48 Kristen N Gross	44
11:17.39 Tessa L Reeves	40

■ 1500 M. FREESTYLE

16:50.92 HEIDI GEORGE	17
18:50.13 Stacey L Bruce	44
19:06.05 Rebecca A Aten	42
19:13.13 J Stover Halgren	42
19:49.09 Colleen Wahlstrom	42
19:56.53 Eve G Maidenberg	42
20:03.02 Leslie B Monroe	44
20:14.90 Kristen N Gross	44
20:24.14 Ellen Ella	40
22:25.61 Stacy L Readal	41
23:09.54 Amanda W Scholz	42

■ 50 M. BACKSTROKE

30.02 SHERI HART	12
32.55 Katie Grier	40
32.58 Kerry Lindauer	44
33.63 Kari Yocum	41
34.16 Erin C Moro	40
34.57 Kristine A Cox	40
34.58 Sabrina Campbell	42
35.19 Erica Nagy Iuvara	42
35.20 Serena H Johnson	41
35.26 Karen M Stump	40
36.37 Tobi L Limke	43

■ 100 M. BACKSTROKE

1:03.48 SHERI HART	11
1:09.57 Kerry Lindauer	44
1:12.39 Kari Yocum	41
1:13.71 Julie Roddin	42
1:13.99 Mary Kay Krause	41
1:14.92 Kristine A Cox	40
1:15.07 Susan Hitch	40
1:15.64 Erin C Moro	40
1:15.80 Erica Nagy Iuvara	42
1:16.57 Serena H Johnson	41
1:17.49 Stacey L Ostrin	41

■ 200 M. BACKSTROKE

2:19.06 JODY SMITH	09
2:37.33 Julie Roddin	42

2:38.70	Kerry Lindauer	44	4:25.66	Kathleen Lusardi	43	4:59.19	Alison S Hayden	47	■ 100 M. BREASTSTROKE		
2:39.48	Mary Kay Krause	41	■ 100 M. INDIVIDUAL MEDLEY		5:05.19	Natasha Reiss	49	1:12.93	LISA BLACKBURN	17	
2:39.90	Kari Yocum	41	1:04.19	LISA BLACKBURN	15	5:08.77	T Koppelberger	46	1:19.44	Linda Visser	48
2:42.43	Kristine A Cox	40	1:06.23	Cynthia J Lewis	43	5:08.81	R Pescatori	47	1:19.81	Trina R Schaetz	46
2:49.19	Stephanie Kramer	44	1:07.04	Katie Glenn	42	5:10.23	Kathy Pelham	45	1:20.36	Sara Dunn	46
2:49.74	Lisa Souders	44	1:10.32	Kerry Lindauer	44	5:14.17	Julie F Dussliere	46	1:21.17	Lisa Blackburn	47
2:50.09	Kysa M Crusco	42	1:10.85	Janel Lobur	41	5:21.54	Paula M Texel	48	1:22.16	S Condor-Fisher	46
2:52.95	Bernie Johnson	40	1:10.87	Erin C Moro	40	5:22.91	Michelle Davidson	48	1:22.35	Rainy M Goodale	48
2:53.55	Jennifer Rogers	44	1:13.43	Mary Kay Krause	41	■ 800 M. FREESTYLE		1:22.80	R Pescatori	47	
■ 50 M. BREASTSTROKE			1:13.69	Sonja Skinner	42	9:11.37	K PIPES-NEILSEN	09	1:26.78	Shirley K Fladoos	46
32.16	KATIE GLENN	18	1:14.04	Casey M Keiber	41	10:07.58	Amelia P Fox	47	1:27.00	C Mcclafferty	45
32.16	Katie Glenn	42	1:14.56	Kari Yocum	41	10:25.69	Kim A Hurst	49	1:27.27	Julie F Dussliere	46
34.96	Casey M Keiber	41	1:16.33	Jodi L Lee	41	10:34.16	Alexandra Nieto	46	■ 200 M. BREASTSTROKE		
36.68	Kerry Lindauer	44	■ 200 M. INDIVIDUAL MEDLEY		10:34.46	Kathy Pelham	45	2:38.00	S VON DER LIPPE	10	
37.91	Erin C Moro	40	2:19.21	S VON DER LIPPE	07	10:40.49	T Koppelberger	46	2:52.49	Linda Visser	48
38.09	Kristine A Cox	40	2:33.15	Janel Lobur	41	10:55.83	Paula M Texel	48	2:53.72	Lisa Blackburn	47
38.77	Stacey L Bruce	44	2:35.84	Erin C Moro	40	11:00.25	Julie F Dussliere	46	2:58.19	Sara Dunn	46
38.90	Jennifer Downing	40	2:39.83	Sonja Skinner	42	11:10.77	Deanna C Koehler	49	2:59.73	Rainy M Goodale	48
38.98	M Weisshaar	42	2:43.03	Rebecca A Aten	42	11:23.92	Lisa D Maynard	49	3:00.58	Alison H Zamanian	48
39.38	Jodi L Lee	41	2:43.49	Kari Yocum	41	11:24.58	Dale A LeClair	49	3:00.72	Traci Pellegrini	49
39.94	Rebecca A Aten	42	2:44.22	Jennifer Downing	40	■ 1500 M. FREESTYLE		3:01.76	C Mcclafferty	45	
■ 100 M. BREASTSTROKE			2:45.18	Susan E Keeler	40	17:22.01	ALISON ZAMANIAN	15	3:06.73	Alison S Hayden	47
1:09.95	CYNTHIA LEWIS	15	2:45.27	Susan Hitch	40	19:38.73	Alison S Hayden	47	3:06.75	S Condor-Fisher	46
1:11.33	Katie Glenn	42	2:45.29	Andrea Lund Kakas	42	19:57.02	Alexandra Nieto	46	3:08.33	Julie F Dussliere	46
1:18.60	Casey M Keiber	41	2:45.51	Jodi L Lee	41	20:35.20	Kathy Pelham	45	■ 50 M. BUTTERFLY		
1:19.27	Kerry Lindauer	44	■ 400 M. INDIVIDUAL MEDLEY		21:01.59	Anna S Armentrout	47	28.60	ERIKA BRAUN	17	
1:22.48	Erin C Moro	40	5:00.82	K PIPES-NEILSEN	02	21:03.66	Deanna C Koehler	49	28.66	ERIKA L Braun	46
1:22.51	Kristine A Cox	40	5:38.29	Alicia K Uhl	41	21:13.81	Jennifer Farinas	46	31.38	C Mcclafferty	45
1:22.88	Alicia K Uhl	41	5:38.43	Erin C Moro	40	21:16.78	Lisa D Maynard	49	31.52	Laurel S Hill	49
1:24.41	Jennifer Downing	40	5:41.04	Mary Kay Krause	41	21:34.13	Allison D Ferch	46	31.59	Melissa D Varlas	45
1:24.42	Karen M Stump	40	5:45.74	Stacey L Bruce	44	21:39.40	Alison Moore	48	31.63	Linda Visser	48
1:24.61	M Weisshaar	42	5:54.65	Susan Hitch	40	22:08.00	Alison M Meadow	45	32.58	Shirley K Fladoos	46
1:24.98	Stacey L Bruce	44	6:09.05	Margaret Shapiro	42	■ 50 M. BACKSTROKE		32.70	Amelia P Fox	47	
■ 200 M. BREASTSTROKE			6:09.35	Stephanie Kramer	44	30.58	K PIPES-NEILSEN	07	32.96	Lisa Blackburn	47
2:32.37	S VON DER LIPPE	08	6:11.01	Tobi L Limke	43	31.15	Erika L Braun	46	33.40	Ana Fradkin	45
2:37.59	Katie Glenn	42	6:11.49	Kari Yocum	41	33.51	Teddy S Decker	46	33.55	Shelley B Reimer	49
2:56.12	Erin C Moro	40	6:21.94	Angela R Smith	44	33.81	Linda Visser	48	■ 100 M. BUTTERFLY		
3:00.38	Casey M Keiber	41				33.92	Ann K Stewart	48	1:03.47	S VON DER LIPPE	10
3:02.24	Kristine A Cox	40				34.17	Michelle Davidson	48	1:10.37	Alison H Zamanian	48
3:02.63	Stacey L Bruce	44				34.71	Jill Lancaster	45	1:11.36	Melissa D Varlas	45
3:04.07	Jennifer Downing	40				35.06	Paula M Texel	48	1:11.96	C Mcclafferty	45
3:10.44	Lianna M Badran	44	■ 50 M. FREESTYLE			36.06	Beata M Konopka	49	1:12.14	Laurel S Hill	49
3:10.60	Mary Corbett	41	26.29	ERIKA BRAUN	18	36.16	Julie F Dussliere	46	1:12.97	Alison S Hayden	47
3:10.81	M Weisshaar	42	26.29	Erika L Braun	46	37.81	Rainy M Goodale	48	1:15.35	Ana Fradkin	45
3:14.68	Holly Lickwala	42	28.94	S Condor-Fisher	46	■ 100 M. BACKSTROKE		1:15.73	Michelle Davidson	48	
■ 50 M. BUTTERFLY			29.01	K Trager Bohley	45	1:04.79	K PIPES-NEILSEN	09	1:16.29	Amelia P Fox	47
28.19	ERIKA BRAUN	13	29.40	Teddy S Decker	46	1:07.55	Erika L Braun	46	1:18.32	Lisa Blackburn	47
29.94	Erin C Moro	40	29.61	Alison H Zamanian	48	1:13.02	Ann K Stewart	48	1:18.93	Shelley B Reimer	49
30.61	Katie Grier	40	29.63	Amelia P Fox	47	1:13.49	Michelle Davidson	48	■ 200 M. BUTTERFLY		
30.62	Kerry Lindauer	44	29.70	Melissa D Varlas	45	1:14.02	Teddy S Decker	46	2:23.18	K PIPES-NEILSEN	09
30.89	Cynthia J Lewis	43	29.88	Nancy L Leichter	47	1:16.05	Melissa D Varlas	45	2:48.03	Alison S Hayden	47
30.98	Keri Nappi	40	30.16	Ana Fradkin	45	1:16.40	Paula M Texel	48	2:49.81	Michelle Davidson	48
31.76	Erin N Tobias	40	30.18	Lisa D Maynard	49	1:16.84	Traci Pellegrini	49	3:04.79	R Pescatori	47
31.77	Sonja Skinner	42	■ 100 M. FREESTYLE			1:17.63	Ana Fradkin	45	3:05.96	Nadine K Day	48
31.80	Casey M Keiber	41	57.89	ERIKA BRAUN	18	1:18.44	Jill Lancaster	45	3:11.40	Sheila A Walsh	48
32.90	Jodi L Lee	41	1:03.33	Lisa Blackburn	47	1:19.72	Julie F Dussliere	46	3:13.32	Erin C Framke	45
33.01	Sabrina Campbell	42	1:04.66	Jill Lancaster	45	■ 200 M. BACKSTROKE		3:14.23	Deanna C Koehler	49	
■ 100 M. BUTTERFLY			1:05.40	Laurel S Hill	49	2:18.95	K PIPES-NEILSEN	09	3:15.59	Linda L Marvin	45
1:01.70	S VON DER LIPPE	09	1:05.54	S Condor-Fisher	46	2:33.01	Alison H Zamanian	48	3:18.08	Cynthia A Werhane	49
1:05.15	Erin C Moro	40	1:05.63	Teddy S Decker	46	2:39.16	Laurel S Hill	49	3:23.92	Pattie Darling	49
1:06.12	Cynthia J Lewis	43	1:06.24	Nancy L Leichter	47	2:40.02	Michelle Davidson	48	■ 100 M. INDIVIDUAL MEDLEY		
1:09.96	Sonja Skinner	42	1:07.18	Jennifer R Petyk	47	2:43.74	Melissa D Varlas	45	1:05.75	K PIPES-NEILSEN	09
1:11.07	Erin N Tobias	40	1:07.26	C Mcclafferty	45	2:44.50	Teddy S Decker	46	1:06.22	Erika L Braun	46
1:14.62	Keri Nappi	40	1:07.31	Michelle Davidson	48	2:45.28	Paula M Texel	48	1:10.99	Lisa Blackburn	47
1:14.70	Stacey L Kiefer	40	■ 200 M. FREESTYLE			2:45.29	Nadine K Day	48	1:12.33	Linda Visser	48
1:17.64	Kari Yocum	41	2:05.94	K PIPES-NEILSEN	07	2:45.39	Jody Smith	49	1:14.62	Traci Pellegrini	49
1:19.14	M Weisshaar	42	2:15.68	Alison H Zamanian	48	2:53.48	Ana Fradkin	45	1:14.85	Alexandra Nieto	46
1:22.29	Jenny Carswell	44	2:23.19	Jill Lancaster	45	2:55.44	Erin C Framke	45	1:14.96	S Condor-Fisher	46
1:22.53	Marissa G Nonaka	40	2:27.58	Kim A Hurst	49	■ 50 M. BREASTSTROKE		1:15.35	Teddy S Decker	46	
■ 200 M. BUTTERFLY			2:27.88	Ana Fradkin	45	33.82	S VON DER LIPPE	10	1:16.86	Susanne P Rublein	48
2:20.66	S VON DER LIPPE	06	2:28.84	T Koppelberger	46	34.10	Trina R Schaetz	46	1:16.99	Natasha Reiss	49
2:28.78	Erin C Moro	40	2:30.35	Nadine K Day	48	34.92	Erika L Braun	46	1:17.04	Sara Dunn	46
2:43.17	Alicia K Uhl	41	2:31.33	Malena B Hankins	45	36.79	Linda Visser	48	■ 200 M. INDIVIDUAL MEDLEY		
2:48.55	Erin N Tobias	40	2:32.12	Lisa D Maynard	49	36.93	Sara Dunn	46	2:21.55	K PIPES-NEILSEN	09
2:48.68	Tessa L Reeves	40	2:32.58	Elke A Hofmann	46	36.96	S Condor-Fisher	46	2:40.39	Laurel S Hill	49
3:17.35	Marissa G Nonaka	40	2:32.74	Julie F Dussliere	46	37.20	Laurel S Hill	49	2:40.61	Alexandra Nieto	46
3:19.19	Kysa M Crusco	42	■ 400 M. FREESTYLE			37.30	Rainy M Goodale	48	2:44.13	Alison S Hayden	47
3:33.61	Amanda W Scholz	42	4:25.34	K PIPES-NEILSEN	09	37.32	Lisa Blackburn	47	2:44.64	Lisa Blackburn	47
3:43.05	Ann Ongerth	44	4:53.18	Amelia P Fox	47	39.18	K Trager Bohley	45	2:45.05	Nadine K Day	48
3:51.21	Patricia Cummings	42	4:54.99	Alexandra Nieto	46	40.24	Nancy L Leichter	47	2:48.24	Michelle Davidson	48

2:49.13	Julie F Dussliere	46	17:51.33	S HEIM-BOWEN	09	3:19.40	Karin Meyerfreund	50	29.43	Marika W McCue	55			
2:56.24	Marcia A Witkus	48	19:05.02	Deborah Dawson	50	3:23.00	Toni S Hecksel	52	29.52	Leslie Livingston	57			
2:57.20	Paula M Texel	48	19:40.60	Laurie Hug	53	3:23.77	Denise L Dombay	52	29.61	Becky Cleavenger	55			
3:00.49	Lisa R Peterson	46	20:18.46	Victoria L Rian	52	■ 50 M. BUTTERFLY			30.20	Chris Wenzel	59			
■ 400 M. INDIVIDUAL MEDLEY			20:53.14	Kari S Jauch	52	29.25	LESLIE LIVINGSTON	13	30.59	L Cady-Fernandes	57			
5:05.04	K PIPES-NEILSEN	09	21:00.05	Sara H Jones	50	30.29	Susan O Williams	52	30.62	Muffy MacKenzie	55			
5:44.43	Alison S Hayden	47	21:24.07	Mary C Armstrong	51	30.89	Fall Willeboordse	52	30.80	Diana H McDonough	55			
5:49.45	Lisa Blackburn	47	21:54.32	Rita Hookstead	54	31.50	Jennifer Ridge	50	30.91	Kathy L Garnier	58			
6:04.08	Julie F Dussliere	46	22:10.67	C Hallman-Kenner	53	32.51	Arlette A Godges	54	30.97	Mary G Dore	55			
6:08.05	Michelle Davidson	48	22:15.60	Ellen D Gregory	54	32.86	Jill M Asch	52	31.04	Ann Finley	56			
6:11.00	Marcia A Witkus	48	22:29.76	Vicki Shu	50	33.02	Laureen K Welting	53	■ 100 M. FREESTYLE					
6:18.57	Erin C Framke	45	■ 50 M. BACKSTROKE			33.28	Collette H Sappey	54	1:00.61	KARLYN PIPES	17			
6:26.37	Lisa R Peterson	46	30.27	LESLIE LIVINGSTON	15	33.49	Karen L Westerman	51	1:02.52	Karlyn A Pipes	56			
6:36.58	Y De Ia Torre	48	31.82	Susan O Williams	52	33.74	Francie Haffner	51	1:04.73	Becky Cleavenger	55			
6:42.35	Sue C Garland	49	33.02	Fall Willeboordse	52	34.57	Deborah Dawson	50	1:05.92	Marika W McCue	55			
6:47.47	Linda L Marvin	45	34.09	Collette H Sappey	54	■ 100 M. BUTTERFLY			1:07.33	Mary G Dore	55			
WOMEN 50-54														
■ 50 M. FREESTYLE			34.10	Jennifer Ridge	50	1:07.82	KARLYN PIPES	14	1:08.38	Debbie Richardson	56			
27.67	SUE WALSH	14	34.23	Lisa A Ward	54	1:09.29	Jennifer Ridge	50	1:08.47	Kathy L Garnier	58			
28.23	Fall Willeboordse	52	35.06	Jill M Asch	52	1:10.52	Fall Willeboordse	52	1:08.89	Muffy MacKenzie	55			
28.53	Collette H Sappey	54	35.08	Karen L Westerman	51	1:14.19	Susie Shuck	53	1:08.95	Martha O Joyce	58			
29.26	Deborah Dawson	50	35.15	Francie Haffner	51	1:15.81	Arlette A Godges	54	1:09.14	L Irish Bostic	55			
29.42	Jill M Asch	52	35.67	Jelena A Kunovac	54	1:16.24	Karen L Westerman	51	1:09.32	Diana H McDonough	55			
30.08	Arlette A Godges	54	■ 100 M. BACKSTROKE			1:18.21	Laureen K Welting	53	■ 200 M. FREESTYLE					
30.19	Jennifer Ridge	50	1:05.89	ELLEN REYNOLDS	14	1:18.38	Laurie Hug	53	2:13.89	KARLYN PIPES	17			
30.61	Laureen K Welting	53	1:07.56	Ellen M Reynolds	54	1:21.30	M Elias-Williams	54	2:15.14	Jill S Hernandez	58			
30.77	Rachel Stutsman	52	1:09.08	Fall Willeboordse	52	1:21.63	Lisa A Ward	54	2:22.54	Kim O'Grady	57			
31.23	Francie Haffner	51	1:10.66	Stephanie Stone	51	1:21.66	Danielle Boone	53	2:23.98	Andrea J Block	57			
31.33	M Elias-Williams	54	1:10.89	Jennifer Ridge	50	■ 200 M. BUTTERFLY			2:24.73	Becky Cleavenger	55			
■ 100 M. FREESTYLE			1:13.38	Lisa A Ward	54	2:32.29	KARLYN PIPES	12	2:26.80	Mary G Dore	55			
1:01.41	ELLEN REYNOLDS	14	1:13.99	Collette H Sappey	54	2:45.08	Laurie Hug	53	2:27.75	Anna DeLozier	55			
1:03.08	Fall Willeboordse	52	1:14.23	Jill E Gellatly	51	2:47.51	Susie Shuck	53	2:28.36	Arlene Delmage	56			
1:03.70	Jennifer Ridge	50	1:15.20	Francie Haffner	51	2:58.03	M Countryman	54	2:29.48	Kathy L Garnier	58			
1:04.57	Deborah Dawson	50	1:16.63	Maria E Vazquez	53	3:03.20	J Weiderman	52	2:31.28	Cindy Ciampa-Wise	58			
1:04.76	Collette H Sappey	54	1:17.43	Karen L Westerman	51	3:04.20	Nancy A North	50	2:31.71	Debbie Richardson	56			
1:05.20	Jill M Asch	52	■ 200 M. BACKSTROKE			3:08.27	Vicki Shu	50	■ 400 M. FREESTYLE					
1:05.24	Arlette A Godges	54	2:22.37	ELLEN REYNOLDS	14	3:13.70	Stephanie D Couch	54	4:42.97	LAURA VAL	09			
1:07.03	Francie Haffner	51	2:28.76	Stephanie Stone	51	3:15.35	M Elias-Williams	54	4:44.76	Jill S Hernandez	58			
1:07.58	M Elias-Williams	54	2:30.30	Ellen M Reynolds	54	3:16.88	Rhonda Grasberger	53	5:05.82	Andrea J Block	57			
1:07.89	Laureen K Welting	53	2:36.31	Jennifer Ridge	50	3:18.43	Julie L Pierce	50	5:06.28	Kim O'Grady	57			
1:07.94	Rachel Stutsman	52	2:41.92	Lisa A Ward	54	■ 100 M. INDIVIDUAL MEDLEY			5:08.79	Becky Cleavenger	55			
■ 200 M. FREESTYLE			2:44.29	Maria E Vazquez	53	1:08.79	ELLEN REYNOLDS	18	5:09.33	Mary G Dore	55			
2:10.72	S HEIM-BOWEN	09	2:46.21	Karen L Westerman	51	1:08.79	Ellen M Reynolds	54	5:11.96	Anna DeLozier	55			
2:12.89	Ellen M Reynolds	54	2:48.88	Laurie Hug	53	1:10.65	Fall Willeboordse	52	5:19.02	Stephanie A Saucy	55			
2:14.77	Jennifer Ridge	50	2:50.58	Kari S Jauch	52	1:11.57	Jennifer Ridge	50	5:21.66	Merrie E Walts	58			
2:16.26	Jill E Gellatly	51	2:50.59	Brenda E Shaw	51	1:14.44	Jill E Gellatly	51	5:22.58	L Irish Bostic	55			
2:17.22	Stephanie Stone	51	2:52.12	Susie Shuck	53	1:15.04	Collette H Sappey	54	5:28.44	Kathy L Garnier	58			
2:19.49	Deborah Dawson	50	■ 50 M. BREASTSTROKE			1:15.94	Deborah Dawson	50	■ 800 M. FREESTYLE					
2:22.55	C Petersen	54	36.31	CAROLINE KRATTLI	15	1:17.26	Francie Haffner	51	9:46.35	JILL HERNANDEZ	18			
2:24.08	Patricia Campbell	54	38.25	Mary C Armstrong	51	1:17.36	Jill M Asch	52	9:46.35	Jill S Hernandez	58			
2:25.07	Francie Haffner	51	38.93	Annika Wilhelm	51	1:18.05	J Weiderman	52	10:21.92	Kim O'Grady	57			
2:27.02	M Elias-Williams	54	38.97	J Weiderman	52	1:18.85	Mary C Armstrong	51	10:43.52	Mary G Dore	55			
2:27.46	Kari S Jauch	52	39.24	Jennifer Ridge	50	■ 200 M. INDIVIDUAL MEDLEY			10:51.34	Cindy Ciampa-Wise	58			
■ 400 M. FREESTYLE			39.32	Ann Colloton	50	2:27.39	ELLEN REYNOLDS	18	10:51.40	Anna DeLozier	55			
4:35.54	S HEIM-BOWEN	09	39.80	Jill M Asch	52	2:27.39	Ellen M Reynolds	54	11:04.29	Merrie E Walts	58			
4:45.51	Jill E Gellatly	51	39.80	Robin C Tracy	54	2:34.72	Jennifer Ridge	50	11:09.36	Jo-Ann Elo	57			
4:50.94	Deborah Dawson	50	39.85	Arlette A Godges	54	2:37.95	Jill E Gellatly	51	11:26.49	Fay V Lachney	57			
4:52.71	Jennifer Ridge	50	39.88	Lisa J Groves	53	2:41.40	Lisa A Ward	54	11:27.57	Sue Jensen	58			
4:58.48	C Petersen	54	40.08	Sara Dunn	51	2:48.77	J Weiderman	52	11:36.13	Patricia Burd	55			
5:00.43	Patricia Campbell	54	■ 100 M. BREASTSTROKE			2:49.20	Deborah Dawson	50	■ 1500 M. FREESTYLE					
5:04.77	M Elias-Williams	54	1:19.23	CORRIN POPPS	14	2:50.13	Corrin C Buck	54	18:43.73	LAURA VAL	10			
5:05.71	Victoria L Rian	52	1:23.07	Jennifer Ridge	50	2:50.25	Jill M Asch	52	18:19.00	Lynn Marshall	57NW			
5:10.03	Susie Shuck	53	1:23.38	Fall Willeboordse	52	2:50.41	Laurie Hug	53	19:32.76	Kim O'Grady	57			
5:10.97	Laurie Hug	53	1:23.95	J Weiderman	52	2:52.30	Laureen K Welting	53	20:22.17	Anna DeLozier	55			
5:11.97	M Countryman	54	1:25.07	Cheryl A Simmons	51	■ 400 M. INDIVIDUAL MEDLEY			20:26.99	Ellie S Najjar	57			
■ 800 M. FREESTYLE			1:25.13	Annika Wilhelm	51	5:10.96	ELLEN REYNOLDS	14	20:37.14	Stephanie A Saucy	55			
9:29.62	S HEIM-BOWEN	09	1:26.69	Corrin C Buck	54	5:16.61	Ellen M Reynolds	54	20:50.32	Merrie E Walts	58			
9:47.13	Jill E Gellatly	51	1:26.89	Sara Dunn	51	5:49.06	Deborah Dawson	50	21:06.23	Jo-Ann Elo	57			
9:55.58	Deborah Dawson	50	1:27.17	Lisa A Ward	54	5:53.85	Lisa A Ward	54	22:06.79	Michelle Ashworth	55			
10:11.62	C Petersen	54	1:27.43	Ann Colloton	50	5:54.96	Laurie Hug	53	22:42.80	Betsy A Hanson	57			
10:12.42	Patricia Campbell	54	1:27.43	Ann Colloton	50	5:56.94	Sara H Jones	50	22:48.05	Cherie Touchette	55			
10:25.63	M Countryman	54	■ 200 M. BREASTSTROKE			6:02.01	J Weiderman	52	■ 50 M. BACKSTROKE					
10:26.09	Laurie Hug	53	2:50.36	ELLEN REYNOLDS	16	6:06.93	Cheryl A Simmons	51	30.12	LESLIE LIVINGSTON	16			
10:39.05	Rebecca A Renner	52	3:03.91	J Weiderman	52	6:09.64	Karen L Westerman	51	32.14	Leslie Livingston	57			
10:49.16	Victoria L Rian	52	3:05.30	Ann Colloton	50	6:16.13	M Elias-Williams	54	34.35	Marika W McCue	55			
10:55.70	Kari S Jauch	52	3:06.39	Cheryl A Simmons	51	6:18.04	Stephanie D Couch	54	35.44	Merrie E Walts	58			
10:58.40	Carol L Pearl	53	3:08.39	Corrin C Buck	54	WOMEN 55-59						35.64	Kim M Brightwell	58
■ 1500 M. FREESTYLE			3:09.62	Lisa A Ward	54	■ 50 M. FREESTYLE			35.76	Brigid J Bunch	55			
			3:14.26	Lisa J Groves	53	27.81	LESLIE LIVINGSTON	16	35.80	Cathy Shonkwiler	58			
			3:17.97	Livia L Zien	52				37.17	Susan Ingraham	59			
									37.74	Marie Restrepo	56			

37.82	Patty A Fennell	55	1:19.18	Arlene DeImage	56	1:13.13	N Steadman Martin	64	2:59.43	N Steadman Martin	64
37.87	Suzy L Cotton	59	1:19.58	Stephanie A Saucy	55	■ 200 M. FREESTYLE			3:03.12	Beth A Estel	62
■ 100 M. BACKSTROKE			1:19.70	Mary G Dore	55	2:20.16	LAURA VAL	11	3:08.66	Linda L Larson	63
1:08.33	KARLYN PIPES	17	1:19.89	Jane E Russell	55	2:26.77	Susan M Ritter	61	3:10.61	Sharon Steinmann	60
1:08.87	Karlyn A Pipes	56	1:19.91	Cindy Ciampa-Wise	58	2:32.90	Karen L Einsidler	62	3:11.78	Cindy Gilmore	63
1:12.42	Jill S Hernandez	58	1:20.95	Debbie Richardson	56	2:33.59	K Andrus-Hughes	61	■ 50 M. BREASTSTROKE		
1:12.59	Marika W McCue	55	■ 200 M. BUTTERFLY			2:34.37	Joan L Pfinsgraff	64	38.87	COLETTE CRABBE	16
1:16.33	Brigid J Bunch	55	2:31.13	LAURA VAL	08	2:35.10	Debbie Cavanaugh	60	39.63	Karen M Mareb	60
1:17.35	Stephanie A Saucy	55	2:57.60	Arlene DeImage	56	2:35.88	Karen M Mareb	60	40.25	E De Herder	60
1:17.50	Merrie E Walts	58	3:01.48	Claiborne M Brown	55	2:36.93	N Steadman Martin	64	40.79	Beth A Estel	62
1:21.72	Marie Restrepo	56	3:02.22	Mary G Dore	55	2:38.45	Peggy H McDonnell	63	40.81	Karen L Melick	61
1:23.11	Debbie Richardson	56	3:03.18	Kathryn Froehlich	56	2:43.25	Kathleen Widland	62	41.19	Debbie Cavanaugh	60
1:23.19	Suzy L Cotton	59	3:04.61	Carolyn B Moore	57	2:43.99	J Saul-Zachau	60	41.46	Lisa A Bennett	62
1:23.47	Carolyn Hyink	56	3:07.05	Jane E Russell	55	■ 400 M. FREESTYLE			41.91	Dale M Alton	61
■ 200 M. BACKSTROKE			3:08.08	Sue Jensen	58	4:53.24	LAURA VAL	13	42.56	Bonnie M Bilich	60
2:29.22	KARLYN PIPES	17	3:09.03	Anna DeLozier	55	5:07.53	Susan M Ritter	61	43.14	Jennifer Almand	60
2:30.05	Karlyn A Pipes	56	3:10.13	Laura E DeLorey	56	5:15.19	Bonnie L Spivey	60	43.48	Cathy Ganze	61
2:32.58	Jill S Hernandez	58	3:16.41	Merrie E Walts	58	5:18.32	Karen L Einsidler	62	■ 100 M. BREASTSTROKE		
2:42.58	Brigid J Bunch	55	■ 100 M. INDIVIDUAL MEDLEY			5:20.54	Colette M Crabbe	62	1:24.39	COLETTE CRABBE	16
2:46.25	Stephanie A Saucy	55	1:09.08	KARLYN PIPES	17	5:21.15	Charlene O'Brien	62	1:25.52	Karen M Mareb	60
2:51.14	Anna DeLozier	55	1:11.40	Karlyn A Pipes	56	5:24.57	N Steadman Martin	64	1:26.99	Colette M Crabbe	62
2:51.47	Merrie E Walts	58	1:14.96	Marika W McCue	55	5:24.60	Joan L Pfinsgraff	64	1:28.05	E De Herder	60
2:57.11	Suzy L Cotton	59	1:17.38	Becky Cleavenger	55	5:31.63	Peggy H McDonnell	63	1:28.84	Bonnie M Bilich	60
2:59.67	Heidi Kafka	56	1:18.18	Andrea J Block	57	5:36.48	Darcy LaFountain	63	1:28.94	Beth A Estel	62
2:59.72	Ying Zhang	55	1:18.25	Merrie E Walts	58	5:41.30	Celia C Devanney	61	1:31.45	Dale M Alton	61
2:59.92	Sandra Penney	55	1:19.43	Brigid J Bunch	55	■ 800 M. FREESTYLE			1:31.73	Karen L Melick	61
■ 50 M. BREASTSTROKE			1:21.46	Patty A Fennell	55	10:21.68	LAURA VAL	11	1:32.86	Lisa A Bennett	62
36.47	CAROLINE KRATTLI	17	1:21.85	Chris Wenzel	59	10:40.84	Bonnie L Spivey	60	1:35.22	Debbie Cavanaugh	60
39.68	Chris Wenzel	59	1:22.93	Considine-Miller	55	10:46.91	Karen L Einsidler	62	1:35.42	Jennifer Almand	60
39.84	Carolyn Koster	57	1:22.95	Jane E Russell	55	11:40.53	Darcy LaFountain	63	■ 200 M. BREASTSTROKE		
40.63	Marika W McCue	55	■ 200 M. INDIVIDUAL MEDLEY			11:44.36	Sharon Steinmann	60	3:04.70	LO KNAPP	16
40.99	Becky Cleavenger	55	2:33.57	JILL HERNANDEZ	18	11:46.15	J Saul-Zachau	60	3:08.81	Colette M Crabbe	62
41.27	Merrie E Walts	58	2:33.57	Jill S Hernandez	58	11:50.58	Celia C Devanney	61	3:09.37	Karen M Mareb	60
41.42	Carolyn B Moore	57	2:34.05	Karlyn A Pipes	56	11:52.84	Niki F Stokols	61	3:10.29	Bonnie M Bilich	60
41.46	Patricia M Miller	57	2:46.14	Andrea J Block	57	11:57.04	Cathy V Neville	61	3:18.69	Karen L Melick	61
42.00	Considine-Miller	55	2:46.70	Marika W McCue	55	12:11.69	Diana Dolan LaMar	61	3:20.64	Beth A Estel	62
42.00	Sue M Nygaard	55	2:47.67	Becky Cleavenger	55	12:44.32	Ginger Penn	62	3:21.19	Dale M Alton	61
42.05	Heidi Kafka	56	2:52.71	Lucille Glassman	55	■ 1500 M. FREESTYLE			3:24.95	Susan M Ritter	61
■ 100 M. BREASTSTROKE			2:53.06	Cindy Ciampa-Wise	58	19:38.63	LAURA VAL	11	3:25.25	Jennifer Almand	60
1:21.18	CAROLINE KRATTLI	17	2:54.23	Brigid J Bunch	55	20:25.66	Bonnie L Spivey	60	3:25.43	E De Herder	60
1:28.76	Carolyn Koster	57	2:56.20	Kathryn Froehlich	56	22:16.46	Sharon Steinmann	60	3:31.47	C Gettelfinger	61
1:29.06	Merrie E Walts	58	2:57.74	Jo-Ann Elo	57	22:23.25	J Saul-Zachau	60	■ 50 M. BUTTERFLY		
1:29.54	Elizabeth F Scott	56	■ 400 M. INDIVIDUAL MEDLEY			22:36.92	Cathy V Neville	61	32.42	LAURA VAL	13
1:30.50	Chris Wenzel	59	5:25.71	KARLYN PIPES	17	22:41.87	Niki F Stokols	61	33.68	Cathy Ganze	61
1:30.89	Jody A Bergstrom	55	6:05.49	Anna DeLozier	55	23:01.69	Diana Dolan LaMar	61	34.11	Colette M Crabbe	62
1:31.18	Sue M Nygaard	55	6:05.57	Merrie E Walts	58	23:20.22	Mary Anne Hines	61	35.50	Gayle M Wettach	61
1:31.57	Brigid J Bunch	55	6:05.85	Marika W McCue	55	24:04.88	Jeanna Summers	64	35.86	K Andrus-Hughes	61
1:32.02	Rebecca B Kalibat	55	6:07.68	Stephanie A Saucy	55	24:21.25	Karen L Boyer	62	35.97	Jeanne L Lappin	63
1:32.19	Patty A Fennell	55	6:10.99	Ellie S Najjar	57	24:24.09	Susan L Haufler	61	36.32	Charlene O'Brien	62
1:32.69	Susan Lee	59	6:14.28	Carolyn B Moore	57	■ 50 M. BACKSTROKE			36.65	Lynn Morrison	64
■ 200 M. BREASTSTROKE			6:14.40	Kathryn Froehlich	56	33.01	LAURA VAL	13	36.70	Celia C Devanney	61
3:01.40	KIM CROUCH	16	6:16.00	Mary G Dore	55	33.90	Bonnie M Bilich	60	37.00	Lydia S Seier	62
3:07.11	Lucille Glassman	55	6:18.71	Laura E DeLorey	56	34.45	K Andrus-Hughes	61	37.21	Laura A Worden	61
3:13.11	Kathryn Froehlich	56	6:19.39	Rebecca B Kalibat	55	36.36	Joan L Pfinsgraff	64	■ 100 M. BUTTERFLY		
3:15.00	Merrie E Walts	58				36.98	Cathy Ganze	61	1:11.47	LAURA VAL	13
3:16.27	Brigid J Bunch	55				37.27	Kirkpatrick-Reno	63	1:16.53	Colette M Crabbe	62
3:17.40	Elizabeth F Scott	56				37.76	Debbie Cavanaugh	60	1:17.50	Cathy Ganze	61
3:18.14	Rebecca B Kalibat	55				39.06	Lisa A Bennett	62	1:19.93	Jeanne L Lappin	63
3:26.93	Jane E Russell	55				39.31	N Steadman Martin	64	1:24.90	Laura A Worden	61
3:28.15	Amy B Mullaney	58				39.62	Beth A Estel	62	1:25.44	Lydia S Seier	62
3:30.97	Nancy C Vincent	59				39.94	E De Herder	60	1:25.61	Beverly O Amick	64
3:37.49	Marianne M Rexer	55				■ 100 M. BACKSTROKE			1:29.13	Celia C Devanney	61
■ 50 M. BUTTERFLY						1:12.39	BONNIE BILICH	18	1:29.20	N Steadman Martin	64
29.39	LESLIE LIVINGSTON	16				1:12.39	Bonnie M Bilich	60	1:30.14	Louise Rafkin	60
32.80	Andrea J Block	57				1:13.53	K Andrus-Hughes	61	1:31.18	Barbara A McNulty	61
34.16	Arlene DeImage	56				1:16.91	Joan L Pfinsgraff	64	■ 200 M. BUTTERFLY		
34.29	Denise L Smart	56				1:21.73	Debbie Cavanaugh	60	2:41.25	LAURA VAL	11
34.38	Cathy Shonkwiler	58				1:21.95	Cathy Ganze	61	3:06.47	N Steadman Martin	64
34.52	Marika W McCue	55				1:22.00	Colette M Crabbe	62	3:28.11	Barbara A McNulty	61
35.03	Debbie Richardson	56				1:24.17	Kirkpatrick-Reno	63	3:29.41	Cathy V Neville	61
35.13	Jane E Russell	55				1:25.27	Beth A Estel	62	3:32.75	Nancy Kryka	63
35.41	Martha O Joyce	58				1:25.84	Kathleen Widland	62	3:37.02	Louise Rafkin	60
35.42	Carolyn B Moore	57				1:25.97	N Steadman Martin	64	3:54.71	Kathleen M Norman	60
35.84	Laura E DeLorey	56				■ 200 M. BACKSTROKE			3:56.67	Linda L Larson	63
■ 100 M. BUTTERFLY						2:35.84	BONNIE BILICH	18	3:57.05	Cynthia P Henley	60
1:08.15	KARLYN PIPES	17				2:35.84	Bonnie M Bilich	60	4:01.94	Diana Dolan LaMar	61
1:08.24	Karlyn A Pipes	56				2:45.16	Bonnie L Spivey	60	4:03.69	Joannie Eastridge	64
1:11.15	Jill S Hernandez	58				2:46.24	Joan L Pfinsgraff	64	■ 100 M. INDIVIDUAL MEDLEY		
1:11.21	Andrea J Block	57				2:53.75	Debbie Cavanaugh	60	1:15.07	LAURA VAL	13
1:15.35	Marika W McCue	55				2:55.58	Karen L Einsidler	62	1:18.76	Karen M Mareb	60

1:19.89	Cathy Ganze	61	6:02.18	Joan P Craffey	65	1:36.21	Andra Jaunzeme	65	6:47.59	Karen Bierwert	66
1:20.30	Bonnie M Bilich	60	6:07.32	Karen Bierwert	66	1:36.76	Karen Bierwert	66	7:01.45	Cheryl A Murray	66
1:21.93	Debbie Cavanaugh	60	6:12.24	Barbara G Dunbar	69	1:40.42	Barbara R Hummel	66	7:40.91	Karlene Denby	65
1:22.32	Lisa A Bennett	62	6:20.46	Mimi Willard	65	1:41.09	Diane F Spence	65	7:47.10	Carolyn B Lyman	68
1:22.73	Gayle M Wettach	61	■ 800 M. FREESTYLE			1:42.32	Mary B Dickson	66	7:47.14	Mimi Willard	65
1:23.03	Beth A Estel	62	10:34.67	LAURA VAL	16	1:43.21	S Loftus-Charley	67	8:11.49	Emily White	65
1:24.40	Linda A Buchanan	61	11:16.24	S Loftus-Charley	67	1:44.55	Joan P Craffey	65	8:42.77	Peggy L Stringer	67
1:24.82	Jeanne L Lappin	63	11:46.14	Heidi J Ernst	66	1:46.34	Cynthia E Shaffer	68	8:55.91	ScherwatDucourneau	68
1:25.94	Celia C Devanney	61	12:02.72	Cecilia McCloskey	68	■ 200 M. BREASTSTROKE					
■ 200 M. INDIVIDUAL MEDLEY			12:06.00	Joan P Craffey	65	3:17.44	JOANN LEILICH	04			
2:41.53	LAURA VAL	13	12:09.55	Diane F Spence	65	3:25.21	Andra Jaunzeme	65	<u>WOMEN 70-74</u>		
2:46.75	Bonnie M Bilich	60	12:47.90	Barbara G Dunbar	69	3:26.95	Karen Bierwert	66	■ 50 M. FREESTYLE		
2:49.89	Colette M Crabbe	62	12:58.99	Karlene Denby	65	3:27.02	Charlotte M Davis	68	32.38	DIANN UUSTAL	16
2:51.87	Bonnie L Spivey	60	13:07.70	Carolyn B Lyman	68	3:36.08	S Loftus-Charley	67	33.60	Margaret H Toppel	70
2:59.96	Debbie Cavanaugh	60	13:19.56	Mimi Willard	65	3:38.92	Diane F Spence	65	34.93	Ruth Y Shaps	71
3:00.53	Jeanne L Lappin	63	13:49.65	Cheryl M Harms	67	3:42.68	Barbara R Hummel	66	35.05	Julianna Holbrook	71
3:03.84	Charlene O'Brien	62	■ 1500 M. FREESTYLE			3:46.45	Joan P Craffey	65	35.10	Diann Uustal	72
3:06.86	N Steadman Martin	64	20:21.61	LAURA VAL	16	3:50.49	Mary B Dickson	66	35.81	Christie M Hayes	70
3:18.52	Debra L Brice	60	21:08.67	S Loftus-Charley	67	3:51.22	S Lee-Sheridan	66	35.90	June Carson	70
3:20.33	Cindy Gilmore	63	22:36.42	Cecilia McCloskey	68	3:53.00	Barbara E Boslego	67	37.18	Beverly Montrella	72
3:23.38	Louise Rafkin	60	23:01.34	Diane F Spence	65	■ 50 M. BUTTERFLY			37.50	Joanne Menard	70
■ 400 M. INDIVIDUAL MEDLEY			24:11.40	Barbara G Dunbar	69	33.06	LAURA VAL	17	37.69	Janet Gettling	70
5:50.34	COLETTE CRABBE	17	24:11.47	Elizabeth Kassen	66	33.55	Laura B Val	67	39.41	Diane G Smith	73
5:51.11	Bonnie L Spivey	60	24:46.93	Carolyn B Lyman	68	34.34	Charlotte M Davis	68	■ 100 M. FREESTYLE		
6:12.92	Bonnie M Bilich	60	24:56.48	Karlene Denby	65	35.24	Christie Ciraulo	65	1:12.58	DIANN UUSTAL	16
6:21.48	N Steadman Martin	64	25:02.45	Mimi Willard	65	35.63	Cecilia McCloskey	68	1:17.98	Christie M Hayes	70
6:56.48	Louise Rafkin	60	26:00.74	Cheryl M Harms	67	38.04	Melinda S Wolff	65	1:18.26	Ruth Y Shaps	71
7:03.41	Diana Dolan LaMar	61	26:07.06	Peggy L Stringer	67	38.87	Joel T Feldmann	67	1:19.01	June Carson	70
7:15.40	Barbara Protzman	64	■ 50 M. BACKSTROKE			39.79	Linda P Fulton	66	1:19.34	Julianna Holbrook	71
7:18.17	C Gettelfinger	61	33.71	LAURA VAL	18	40.35	Marion Cunningham	67	1:21.70	Diann Uustal	72
7:23.65	Barbara A McNulty	61	33.71	Laura B Val	67	40.69	Jan A Miller	68	1:22.60	Janet Gettling	70
7:25.69	Phyllis E Quinn	63	35.47	Cecilia McCloskey	68	41.10	S Loftus-Charley	67	1:25.22	Joanne Menard	70
7:26.21	Karen L Boyer	62	39.65	Linda P Fulton	66	■ 100 M. BUTTERFLY			1:25.77	Marcia L Barry	70
			39.85	Cynthia E Shaffer	68	1:14.89	LAURA VAL	18	1:29.04	Mary Christensen	73
			40.59	Ann H Guins	65	1:14.89	Laura B Val	67	1:31.89	Diane G Smith	73
<u>WOMEN 65-69</u>			41.33	Jan A Miller	68	1:22.85	Andra Jaunzeme	65	■ 200 M. FREESTYLE		
■ 50 M. FREESTYLE			41.65	C McKelvey	65	1:29.77	S Loftus-Charley	67	2:43.60	DIANN UUSTAL	16
29.30	LAURA VAL	16	42.43	Melinda S Wolff	65	1:38.55	Karen Bierwert	66	2:46.28	Diann Uustal	72
29.80	Laura B Val	67	42.47	Joel T Feldmann	67	1:44.01	Jan A Miller	68	2:51.39	Christie M Hayes	70
32.67	C McKelvey	65	43.16	Laurie R Bisogno	66	1:44.24	Mary Welsh	65	2:55.90	Ruth Y Shaps	71
33.33	Christie Ciraulo	65	■ 100 M. BACKSTROKE			1:48.50	Dorothy Tourtual	67	2:57.37	June Carson	70
33.39	Melinda S Wolff	65	1:13.08	LAURA VAL	18	1:55.04	Marianne Erickson	66	2:58.56	Marcia L Barry	70
33.60	Beverly B Meteyer	65	1:13.08	Laura B Val	67	1:59.87	Peggy L Stringer	67	3:10.30	Mary Christensen	73
34.20	Joel T Feldmann	67	1:16.61	Cecilia McCloskey	68	2:01.16	Terri A Lees	65	3:15.74	Barbara A West	70
35.19	Christie Altman	69	1:23.02	Andra Jaunzeme	65	■ 200 M. BUTTERFLY			3:17.07	Kate Carruthers	70
35.28	Ann H Guins	65	1:27.74	Cynthia E Shaffer	68	2:45.20	LAURA VAL	16	3:17.70	Ruth R Bennett	72
35.60	Marion Cunningham	67	1:27.77	Linda P Fulton	66	3:13.03	S Loftus-Charley	67	3:19.25	Linda Webb	73
36.01	Bonnie K Sotire	65	1:28.81	Karen Bierwert	66	3:33.00	Cheryl A Murray	66	■ 400 M. FREESTYLE		
■ 100 M. FREESTYLE			1:28.92	Christie Ciraulo	65	4:40.91	Peggy L Stringer	67	5:56.79	CAROLYN BOAK	16
1:04.40	LAURA VAL	17	1:29.72	Joan P Craffey	65	4:48.70	Ellen H Clark	67	5:59.41	Christie M Hayes	70
1:05.34	Laura B Val	67	1:32.53	S Loftus-Charley	67	5:07.27	Hartzell Stringer	65	6:10.11	Marcia L Barry	70
1:08.84	Charlotte M Davis	68	1:33.49	Jan A Miller	68	9:22.86	Rebecca Hamilton	66	6:17.21	Carolyn Boak	73
1:12.67	Cecilia McCloskey	68	■ 200 M. BACKSTROKE			■ 100 M. INDIVIDUAL MEDLEY			6:22.87	June Carson	70
1:15.61	S Loftus-Charley	67	2:42.87	LAURA VAL	17	1:16.67	LAURA VAL	16	6:26.38	Joanne Menard	70
1:16.94	Diane F Spence	65	2:49.13	Laura B Val	67	1:22.02	Cecilia McCloskey	68	6:43.43	Mary Christensen	73
1:17.13	Linda P Fulton	66	2:50.51	Cecilia McCloskey	68	1:29.38	S Loftus-Charley	67	6:43.85	Beverly Montrella	72
1:18.22	Beverly B Meteyer	65	2:59.22	Andra Jaunzeme	65	1:29.89	Melinda S Wolff	65	6:48.74	Barbara A West	70
1:21.12	Sally K Guthrie	68	3:04.58	Joan P Craffey	65	1:31.37	Cynthia E Shaffer	68	6:58.22	Andrea M Hunt	70
1:22.58	Linda Hepworth	65	3:08.60	Linda P Fulton	66	1:31.71	C McKelvey	65	6:58.31	Linda Shoenberger	71
1:23.79	Bonnie K Sotire	65	3:09.61	S Loftus-Charley	67	1:32.65	Joel T Feldmann	67	■ 800 M. FREESTYLE		
■ 200 M. FREESTYLE			3:10.59	Cynthia E Shaffer	68	1:33.51	Joan P Craffey	65	12:11.34	CAROLYN BOAK	16
2:23.26	LAURA VAL	17	3:11.84	Karen Bierwert	66	1:35.42	Laurie R Bisogno	66	12:29.77	Christie M Hayes	70
2:40.53	S Loftus-Charley	67	3:18.18	Karlene Denby	65	1:36.44	Dorothy Tourtual	67	12:31.46	Marcia L Barry	70
2:41.93	Christie Ciraulo	65	3:24.02	Jan A Miller	68	1:36.54	Christie Altman	69	12:45.98	Ruth Y Shaps	71
2:42.60	Cecilia McCloskey	68	■ 50 M. BREASTSTROKE			■ 200 M. INDIVIDUAL MEDLEY			13:16.47	June Carson	70
2:43.57	Fran E Hare	68	41.78	CHARLOTTE DAVIS	18	2:48.15	LAURA VAL	16	13:19.65	Joanne Menard	70
2:44.27	Joan P Craffey	65	41.78	Charlotte M Davis	68	3:00.93	Andra Jaunzeme	65	13:30.89	Beverly Montrella	72
2:48.30	Diane F Spence	65	42.37	Melinda S Wolff	65	3:05.22	Cecilia McCloskey	68	13:55.48	Barbara A West	70
2:53.39	Sally K Guthrie	68	43.41	Andra Jaunzeme	65	3:08.70	S Loftus-Charley	67	14:13.64	Andrea M Hunt	70
2:54.00	Dorothy Tourtual	67	43.88	Barbara R Hummel	66	3:10.84	Karen Bierwert	66	14:23.11	Linda Shoenberger	71
2:58.21	Karen Bierwert	66	44.00	C McKelvey	65	3:20.05	Diane F Spence	65	14:34.88	Stephanie I Scott	71
3:00.65	Beverly B Meteyer	65	44.06	Cecilia McCloskey	68	3:21.64	Joan P Craffey	65	■ 1500 M. FREESTYLE		
■ 400 M. FREESTYLE			44.24	Laura B Val	67	3:26.97	S Lee-Sheridan	66	23:39.90	MARCIA BARRY	18
5:02.08	LAURA VAL	17	45.13	Mary B Dickson	66	3:36.25	Mimi Willard	65	23:39.90	Marcia L Barry	70
5:29.78	Christie Ciraulo	65	45.60	Karen Bierwert	66	3:36.63	Jan A Miller	68	25:08.25	Joanne Menard	70
5:36.30	S Loftus-Charley	67	46.98	Elizabeth Merena	66	3:37.69	Susan D Korsedal	68	26:33.91	Andrea M Hunt	70
5:43.38	Heidi J Ernst	66	■ 100 M. BACKSTROKE			■ 400 M. INDIVIDUAL MEDLEY			27:43.35	Stephanie I Scott	71
5:47.26	Fran E Hare	68	1:30.81	CHARLOTTE DAVIS	16	5:55.00	LAURA VAL	16	28:24.26	Janet Jastremski	70
5:48.97	Diane F Spence	65	1:31.14	Charlotte M Davis	68	6:26.20	Andra Jaunzeme	65	29:20.12	Annette M Coholan	70
5:58.15	Cecilia McCloskey	68	1:36.16	Cecilia McCloskey	68	6:27.32	S Loftus-Charley	67	29:41.67	Babs H Larsen	71

29:58.02	Patricia S Smith	71	42.97	Julianna Holbrook	71	■ 100 M. FREESTYLE	2:12.92	Lucy M Manheim	76		
31:55.88	Kristi Panayotoff	70	43.43	Joanne Menard	70	1:24.31	GAIL ROPER	05	■ 200 M. BACKSTROKE		
32:34.53	Wendy Weinberg	73	45.17	Sandi Rousseau	71	1:29.94	Beth Schreiner	77	3:34.09	NANCY BROWN	11
■ 50 M. BACKSTROKE			45.46	Daniela Barnea	74	1:33.32	Nancy J Ridout	76	3:36.73	Chris S Gilligan	75
38.21	DIANN UUSTAL	16	46.42	Emma J Charron	73	1:33.36	Susan L Meyers	76	3:41.61	Joy Ward	76
40.02	Diann Uustal	72	46.66	Sarah Welch	71	1:38.83	Sue Calnek-Morris	75	3:52.56	Corinna Goodman	77
40.23	Margaret H Toppel	70	47.92	Jamie Stewart	70	1:41.05	Peg K Mc Partland	76	3:59.43	Jane Katz	75
43.73	Ruth Y Shaps	71	■ 100 M. BUTTERFLY			1:41.63	Aagje A Caron	77	4:01.85	L Westergaard	75
45.29	Janet Gettling	70	1:33.78	MARGOT PETTIJOHN	17	1:42.55	Mary Ann Case	79	4:17.96	Lynne Lund	78
45.49	Beverly Montrella	72	1:34.98	Margot Pettijohn	72	1:43.49	Joy Ward	76	4:18.46	Malinda J Case	77
45.69	Marcia L Barry	70	1:40.68	Janet Gettling	70	1:45.25	Jackie M Marr	75	4:20.03	Jackie M Marr	75
47.87	Jeannie Mitchell	72	1:46.82	Joanne Menard	70	1:46.48	Jeanne T Hackett	75	4:30.87	Ann E Hunt	78
48.82	Lynne Andrews	71	1:47.97	Daniela Barnea	74	■ 200 M. FREESTYLE			4:45.58	Jill D Fritz	78
48.82	Andrea M Hunt	70	1:53.06	Julianna Holbrook	71	3:07.58	GAIL ROPER	05	■ 50 M. BREASTSTROKE		
49.20	Daniela Barnea	74	1:56.26	Babs H Larsen	71	3:21.57	Beth Schreiner	77	46.20	JOANN LEILICH	14
■ 100 M. BACKSTROKE			1:56.36	Jamie Stewart	70	3:35.49	Nancy J Ridout	76	49.73	Joann Leilich	79
1:22.75	DIANN UUSTAL	16	2:02.16	Ginger L Pierson	72	3:37.83	Sue Calnek-Morris	75	52.74	Jeanne T Hackett	75
1:26.92	Diann Uustal	72	2:06.18	Kristi Panayotoff	70	3:40.32	Jane Katz	75	58.41	Malinda J Case	77
1:35.92	Ruth Y Shaps	71	2:21.12	Patricia S Smith	71	3:42.21	Lynne Lund	78	1:02.22	Susan E Marens	76
1:39.66	Marcia L Barry	70	■ 200 M. BUTTERFLY			3:42.57	Jackie M Marr	75	1:10.78	Lynne Lund	78
1:40.35	Beverly Montrella	72	3:27.16	CAROLYN BOAK	16	3:46.99	Aagje A Caron	77	1:19.24	Ann Louise Onton	75
1:44.20	Jeannie Mitchell	72	3:43.45	Margot Pettijohn	72	3:47.03	Corinna Goodman	77	1:21.67	Annamarie Bellem	79
1:44.72	Sandi Rousseau	71	3:57.93	Daniela Barnea	74	3:54.96	Ellen K Shockro	76	1:26.01	Sue C Ottosen	75
1:46.20	Andrea M Hunt	70	4:11.86	Babs H Larsen	71	3:56.57	DeEtte A Sauer	77	1:27.69	Betsy J Beddow	75
1:48.81	Sarah Welch	71	4:38.91	Kristi Panayotoff	70	■ 400 M. FREESTYLE			1:29.96	Roswita D Norris	76
1:50.08	Babs H Larsen	71	4:41.82	Jamie Stewart	70	6:44.09	JEAN TROY	02	■ 100 M. BREASTSTROKE		
1:50.14	Daniela Barnea	74	4:56.18	Katherine Watson	71	7:20.25	Sue Calnek-Morris	75	1:40.82	JOANN LEILICH	14
■ 200 M. BACKSTROKE			5:13.06	Patricia S Smith	71	7:29.00	Jane Katz	75	1:48.60	Joann Leilich	79
3:04.82	DIANN UUSTAL	17	8:28.96	Ann Tullie	73	7:29.20	Lynne Lund	78	1:59.89	Susan L Meyers	76
3:09.66	Diann Uustal	72	11:57.67	Anita E Cole	71	7:38.55	Aagje A Caron	77	2:00.71	Jeanne T Hackett	75
3:25.89	Marcia L Barry	70	■ 100 M. INDIVIDUAL MEDLEY			7:38.77	Jackie M Marr	75	2:04.18	Corinna Goodman	77
3:35.36	Andrea M Hunt	70	1:23.23	DIANN UUSTAL	16	8:10.05	Mary G Stephen	76	2:09.14	Malinda J Case	77
3:39.40	Beverly Montrella	72	1:25.89	Margaret H Toppel	70	8:11.52	Ellen K Shockro	76	2:15.42	Aagje A Caron	77
3:47.01	Jeannie Mitchell	72	1:32.53	Dana B Brown	71	8:40.48	Jill D Fritz	78	2:31.18	Lynne Lund	78
3:48.11	Daniela Barnea	74	1:33.83	Christie M Hayes	70	9:37.41	Ann E Hunt	78	2:32.13	Peggy A Bruin	77
3:52.99	Sarah Welch	71	1:34.27	Janet Gettling	70	9:49.03	Jan H Miller	75	2:46.11	Judy E Anttonen	77
3:54.45	Barbara A West	70	1:34.94	Ruth Y Shaps	71	■ 800 M. FREESTYLE			3:07.46	Roswita D Norris	76
3:59.25	Babs H Larsen	71	1:35.72	Julianna Holbrook	71	13:59.01	JEAN TROY	02	■ 200 M. BREASTSTROKE		
4:00.83	Mary M Pohlmann	73	1:37.43	Daniela Barnea	74	15:21.03	Lynne Lund	78	3:36.56	JOANN LEILICH	14
■ 50 M. BREASTSTROKE			1:39.61	Kate Carruthers	70	15:24.32	Jackie M Marr	75	3:57.95	Joann Leilich	79
44.22	JOANN LEILICH	11	1:41.05	Beverly Montrella	72	15:34.63	Jane Katz	75	4:17.60	Susan L Meyers	76
44.35	Janet Gettling	70	1:43.68	Emma J Charron	73	16:47.75	Corinna Goodman	77	4:26.97	Corinna Goodman	77
44.84	Dana B Brown	71	■ 200 M. INDIVIDUAL MEDLEY			16:55.28	Ellen K Shockro	76	4:28.63	Jeanne T Hackett	75
46.22	Margaret H Toppel	70	3:13.05	DIANN UUSTAL	17	16:57.78	DeEtte A Sauer	77	4:39.27	Malinda J Case	77
47.10	Daniela Barnea	74	3:26.98	Christie M Hayes	70	17:52.44	Jill D Fritz	78	4:45.83	Aagje A Caron	77
47.36	Christie M Hayes	70	3:35.39	Daniela Barnea	74	19:57.98	Ann E Hunt	78	4:55.31	Susan E Marens	76
47.72	Julianna Holbrook	71	3:50.15	Barbara A West	70	20:29.71	Ann Louise Onton	75	5:14.14	Lynne Lund	78
50.85	Linda Webb	73	4:10.67	Stephanie I Scott	71	26:47.72	Beverly A Schulz	76	6:03.03	Ann Louise Onton	75
51.19	June Carson	70	4:12.34	Ginger L Pierson	72	■ 1500 M. FREESTYLE			6:18.63	Ida M Hlavacek	76
52.30	Emma J Charron	73	4:23.82	Kristi Panayotoff	70	26:37.02	GAIL ROPER	05	■ 50 M. BUTTERFLY		
53.82	Barbara Nash	74	4:26.31	Sheryl A Parola	70	28:36.78	Lynne Lund	78	44.18	GAIL ROPER	04
■ 100 M. BREASTSTROKE			4:35.11	Candy Christenson	71	29:26.45	Jackie M Marr	75	46.01	Mary Ann Case	79
1:36.93	MARGOT PETTIJOHN	16	4:37.84	Lyn M Moreno	70	31:19.65	Corinna Goodman	77	49.43	Susan L Meyers	76
1:40.09	Janet Gettling	70	4:42.64	Patricia S Smith	71	34:10.54	Jill D Fritz	78	50.72	Joy Ward	76
1:42.13	Margot Pettijohn	72	■ 400 M. INDIVIDUAL MEDLEY			37:27.06	Ann E Hunt	78	1:00.02	Peg K Mc Partland	76
1:42.89	Christie M Hayes	70	7:07.46	MARGOT PETTIJOHN	16	38:00.63	Dolly J Ackerman	77	1:00.12	DeEtte A Sauer	77
1:46.15	Daniela Barnea	74	7:15.08	Christie M Hayes	70	50:00.67	Lois A Jacobs	75	1:00.49	Lynne Lund	78
1:48.52	Ginger L Pierson	72	7:40.66	Daniela Barnea	74	■ 50 M. BACKSTROKE			1:02.13	Ellen K Shockro	76
1:50.91	June Carson	70	8:05.49	Barbara A West	70	44.76	DORIS STEADMAN	99	1:04.27	Jackie M Marr	75
1:54.77	Kate Carruthers	70	8:29.11	Babs H Larsen	71	45.31	Chris S Gilligan	75	1:06.51	Ida M Hlavacek	76
1:55.08	Emma J Charron	73	8:47.92	Stephanie I Scott	71	48.39	Joy Ward	76	1:08.87	Frances E Weston	78
1:57.63	Linda Webb	73	9:13.82	Kristi Panayotoff	70	49.94	Beth Schreiner	77	■ 100 M. BUTTERFLY		
2:07.97	Barbara Nash	74	10:51.95	Wendy Weinberg	73	51.72	Peg K Mc Partland	76	1:49.36	GAIL ROPER	05
■ 200 M. BREASTSTROKE			12:49.62	Ann Tullie	73	53.89	Jackie M Marr	75	1:56.73	Susan L Meyers	76
3:25.76	JOANN LEILICH	09				54.09	Mary Ann Case	79	1:59.65	Mary Ann Case	79
3:37.98	Margot Pettijohn	72				54.09	Jane Katz	75	2:07.15	Joy Ward	76
3:43.76	Janet Gettling	70				54.42	L Westergaard	75	2:16.32	DeEtte A Sauer	77
3:49.23	Daniela Barnea	74				57.42	Malinda J Case	77	2:26.32	Lynne Lund	78
3:52.58	Mary Christensen	73				58.05	Ann E Hunt	78	2:55.62	Ida M Hlavacek	76
4:01.49	June Carson	70				■ 100 M. BACKSTROKE			■ 200 M. BUTTERFLY		
4:10.60	Linda Webb	73				1:36.90	NANCY BROWN	11	4:08.39	LOIS KIVI NOCHMAN	99
4:19.35	Stephanie I Scott	71				1:39.81	Chris S Gilligan	75	4:21.63	Susan L Meyers	76
4:22.14	Barbara A West	70				1:44.06	Joy Ward	76	4:35.39	Mary Ann Case	79
4:34.81	Kristine T Hornof	71				1:52.76	Jane Katz	75	5:02.59	DeEtte A Sauer	77
4:40.05	Annette M Coholan	70				1:56.98	L Westergaard	75	5:11.83	Lynne Lund	78
■ 50 M. BUTTERFLY						1:57.77	Peg K Mc Partland	76	6:36.03	Ida M Hlavacek	76
35.12	DIANN UUSTAL	16				2:02.55	Ann E Hunt	78	9:10.01	Frances E Weston	78
36.88	Margaret H Toppel	70				2:02.74	Malinda J Case	77	■ 100 M. INDIVIDUAL MEDLEY		
36.97	Diann Uustal	72				2:07.77	Lynne Lund	78	1:38.11	GAIL ROPER	04
39.66	Dana B Brown	71				2:09.60	Jill D Fritz	78	1:49.60	Susan L Meyers	76

WOMEN 75-79

■ 200 M. BACKSTROKE		■ 200 M. INDIVIDUAL MEDLEY	23:05.08 Tanner L Johnson	21	■ 100 M. BUTTERFLY	
4:24.90 BETTY LORENZI	17	9:32.59 CHARLOTTE SANDDAL	26:50.37 Garrett J Sohnly	22	52.25 EUGENE GODSOE	11
7:15.52 Flora L Wong	90	9:32.59 Charlotte Sanddal	27:33.18 Joseph Alvarado	24	57.26 Josiah Morales	24
■ 50 M. BREASTSTROKE			■ 50 M. BACKSTROKE		59.82 Tim Hornyak	21
1:17.85 JEAN TROY	17	WOMEN 100-104	25.38 JOSH HAFKIN	12	1:02.49 Emeric Renard	23
1:22.37 Jean D Troy	91		28.27 James A Henderson	24	1:03.46 Justin Morris	24
3:02.84 Flora L Wong	90	■ 50 M. FREESTYLE	30.07 Sam O'Neil	22	1:03.61 Hayden Hendricks	18
■ 100 M. BREASTSTROKE		1:44.10 MARIE KELLEHER	30.32 Justin Conner	23	1:03.83 Seth J Baetzold	23
2:51.02 JEAN TROY	17	No Swimmers	30.49 Evan M Murdock	21	1:04.27 Daniel C Peralta	22
No Swimmers		■ 100 M. FREESTYLE	30.78 Tim Hornyak	21	1:04.38 Frank Keeling	24
■ 200 M. BREASTSTROKE		3:40.00 MARIE KELLEHER	31.21 Jake E Mefford	24	1:05.90 Sam Couch	22
7:20.16 MIRIAM TUOVILA	15	No Swimmers	31.72 Seth J Baetzold	23	1:06.42 Ryan B Rosenbaum	24
No Swimmers			31.85 Eduardo Flores	19	■ 200 M. BUTTERFLY	
■ 50 M. BUTTERFLY		MEN 18-24	32.12 James Daniken	18	2:03.41 ERIC NILSSON	11
1:21.95 CHARLOTTE SANDDAL	12		33.59 Brian C Lukacsy	24	2:17.34 Josiah Morales	24
No Swimmers		■ 50 M. FREESTYLE	■ 100 M. BACKSTROKE		2:19.67 Seth J Baetzold	23
■ 100 M. BUTTERFLY		21.38 NICK BRUNELLI	51.91 EUGENE GODSOE	11	2:30.82 Nicholas Pederson	22
4:06.32 JEWEL COOKE	99	22.36 Lewis Burras	1:01.39 Cory Camp	23	2:46.89 Gregory G Willett	21
No Swimmers		22.96 Ben Mayes	1:02.00 Max W Bley-Male	23	2:49.25 Trevor D Johnson	22
■ 100 M. INDIVIDUAL MEDLEY		23.23 Josiah Morales	1:02.60 Jake E Mefford	24	3:01.59 Amos Chan	23
2:34.39 JEAN TROY	17	23.29 Noah K Lucas	1:02.79 James A Henderson	24	■ 100 M. INDIVIDUAL MEDLEY	
2:56.37 Jean D Troy	91	23.79 Justin Conner	1:04.18 Alexander Lewis	23	55.71 EUGENE GODSOE	11
5:12.19 Flora L Wong	90	23.97 Lucas Cuadros	1:04.98 David E Rieder	24	1:00.30 Cory Camp	23
■ 200 M. INDIVIDUAL MEDLEY		24.02 Erick Huft	1:05.98 Justin Conner	23	1:00.56 Ryan B Rosenbaum	24
5:40.20 JEAN TROY	17	24.30 Wilson Josephson	1:06.03 Sam Couch	22	1:00.58 Andrew D Brower	24
No Swimmers		24.64 Cory Camp	1:08.60 Will Fenner	24	1:00.96 James Goss	23
■ 400 M. INDIVIDUAL MEDLEY		24.98 Noah Vallee	1:09.17 Troy Koser	24	1:01.66 Tim Hornyak	21
14:55.37 JEWEL COOKE	99	■ 100 M. FREESTYLE	■ 200 M. BACKSTROKE		1:03.36 Justin Conner	23
No Swimmers		48.00 NICK BRUNELLI	2:01.17 LOUIS VAYO	09	1:03.89 Sam O'Neil	22
		49.33 Lewis Burras	2:14.56 Jake E Mefford	24	1:04.42 Nikita Bondarenko	23
WOMEN 95-99		50.61 Ben Mayes	2:41.72 Seth J Baetzold	23	1:05.46 T St. Vincent	24
■ 50 M. FREESTYLE		52.99 Erick Huft	2:47.47 Kyle C Montero	22	1:05.96 Justin Morris	24
1:04.68 MAURINE KORNFELD	16	53.20 Lucas Cuadros	2:52.18 Amos Chan	23	■ 200 M. INDIVIDUAL MEDLEY	
1:06.45 Maurine Kornfeld	97	53.31 Josiah Morales	3:09.66 Ian M Soules	23	2:00.32 NICK BRUNELLI	05
1:37.78 Charlotte Sanddal	96	54.28 Noah K Lucas	■ 50 M. BREASTSTROKE		2:13.12 Cory Camp	23
■ 100 M. FREESTYLE		54.41 Andrew D Brower	27.83 GREGOR PLEVELJ	09	2:20.81 T St. Vincent	24
2:16.63 MAURINE KORNFELD	17	54.99 Noah Vallee	30.17 Tim Hornyak	21	2:24.66 Sam Couch	22
3:28.31 Charlotte Sanddal	96	55.43 Wilson Josephson	30.54 Matt Whittle	22	2:28.29 Jake E Mefford	24
■ 200 M. FREESTYLE		55.98 Paul J York	31.53 Ryan B Rosenbaum	24	2:28.75 Hayden Hendricks	18
4:56.12 MAURINE KORNFELD	17	■ 200 M. FREESTYLE	31.83 M Bartkaitis	21	2:32.75 Troy Koser	24
5:05.33 Maurine Kornfeld	97	1:47.32 NICK BRUNELLI	32.54 Justin Conner	23	2:34.37 Christopher Alt	23
■ 400 M. FREESTYLE		1:56.90 Ben Mayes	32.90 Jake P Yraceburu	24	2:35.81 Daniel Perlovsky	23
10:08.44 MAURINE KORNFELD	16	1:56.95 Erick Huft	32.93 Sam O'Neil	22	2:40.82 Arvid Levander	20
10:57.97 Maurine Kornfeld	97	1:57.25 Wilson Josephson	33.30 Nikita Bondarenko	23	2:43.87 Maksim Kosminskii	21
■ 800 M. FREESTYLE		1:59.06 Cory Camp	33.46 Michael Gribble	23	■ 400 M. INDIVIDUAL MEDLEY	
20:57.02 MAURINE KORNFELD	16	2:03.23 Nikita Bondarenko	33.63 Allen Tang	22	4:28.54 SERGEY MARINIUK	93
31:30.34 Charlotte Sanddal	96	2:03.28 Ryan B Rosenbaum	■ 100 M. BREASTSTROKE		4:50.44 Ryan B Rosenbaum	24
■ 1500 M. FREESTYLE		2:04.71 David E Rieder	59.96 THIBAUT CAPITAIN	17	5:03.15 David E Rieder	24
42:34.14 RITA SIMONTON	13	2:10.43 Calum Brockie	1:05.71 Andrew D Brower	24	5:10.07 Sean M Fisher	23
62:37.00 Charlotte Sanddal	96	2:11.30 Nicholas Pederson	1:08.47 Ryan B Rosenbaum	24	5:24.79 Seth J Baetzold	23
■ 50 M. BACKSTROKE		2:15.91 Frank Keeling	1:10.49 M Bartkaitis	21	6:30.38 Amos Chan	23
1:20.79 MAURINE KORNFELD	18	■ 400 M. FREESTYLE	1:10.55 Nikita Bondarenko	23	9:03.84 Glenn Donovan	21
1:20.79 Maurine Kornfeld	97	3:55.20 DION DREESENS	1:10.93 Justin Conner	23		
1:46.66 Charlotte Sanddal	96	4:14.28 Ryan B Rosenbaum	1:13.02 Jake P Yraceburu	24	MEN 25-29	
■ 100 M. BACKSTROKE		4:20.19 Wilson Josephson	1:14.94 J AmiryinClipp	21	■ 50 M. FREESTYLE	
2:42.88 MAURINE KORNFELD	16	4:39.96 Sam Couch	1:15.26 Michael Gribble	23	21.37 CESAR CIELO	14
2:48.99 Maurine Kornfeld	97	4:48.23 Jaycob Davies	1:17.12 Alex A Ghavami	22	22.14 Runar Borgen	25
■ 200 M. BACKSTROKE		4:53.10 Nicholas Pederson	1:17.16 Sean M Fisher	23	22.29 Drew Modrov	29
5:50.15 MAURINE KORNFELD	17	4:55.45 Gregory G Willett	■ 200 M. BREASTSTROKE		22.35 Martin Hammer	25
6:31.77 Maurine Kornfeld	97	4:59.26 Michael Gribble	2:12.70 THIBAUT CAPITAIN	17	23.03 Tony Cox	28
■ 50 M. BREASTSTROKE		5:00.49 Daniel S Schleh	2:46.59 Justin Huynh	24	23.15 Amr E El-Sayed	26
2:05.63 CHARLOTTE SANDDAL	18	5:02.05 Frank Keeling	2:47.35 Alex A Ghavami	22	23.61 Ralph J Porrazzo	26
2:05.63 Charlotte Sanddal	96	5:03.68 Connor Lisowski	2:48.10 Seth J Baetzold	23	24.05 V Khoroletc	25
■ 100 M. BREASTSTROKE		■ 800 M. FREESTYLE	2:49.83 Hayden Hendricks	18	24.05 V Khoroletc	25
4:19.18 CHARLOTTE SANDDAL	17	8:16.50 ERIC NILSSON	3:11.96 Amos Chan	23	24.15 Chase J Mesford	28
4:28.42 Charlotte Sanddal	96	8:50.02 Ryan B Rosenbaum	3:17.24 Tanner L Johnson	21	24.21 Shep J Bryan	25
■ 200 M. BREASTSTROKE		10:45.66 Frank Keeling	3:34.45 Ian M Soules	23	24.31 Dakota Hodgson	27
9:06.36 CHARLOTTE SANDDAL	17	11:03.85 Gregory G Willett	■ 50 M. BUTTERFLY		■ 100 M. FREESTYLE	
9:20.70 Charlotte Sanddal	96	11:38.78 Matthew R Wells	23.96 RUNAR BORG	16	47.43 CESAR CIELO	14
■ 50 M. BUTTERFLY		12:52.85 Amos Chan	24.68 Lewis Burras	18	49.66 Drew Modrov	29
2:12.78 MAURINE KORNFELD	17	13:49.02 Joseph Alvarado	26.07 Nikita Bondarenko	23	51.28 Amr E El-Sayed	26
2:21.86 Charlotte Sanddal	96	14:15.76 Garrett J Sohnly	26.80 Max W Bley-Male	23	52.42 Tony Cox	28
■ 100 M. INDIVIDUAL MEDLEY		■ 1500 M. FREESTYLE	26.94 Sam O'Neil	22	52.71 William Manion	25
3:32.13 MAURINE KORNFELD	16	16:04.59 ANDREW GYENIS	27.08 Emeric Renard	23	53.13 Ken A Barcinas	26
3:51.39 Maurine Kornfeld	97	19:48.34 Paul J York	27.28 Justin Conner	23	53.34 Trevor R Scheid	29
4:11.22 Charlotte Sanddal	96	20:54.84 Frank Keeling	28.06 Noah Vallee	21	53.42 Scott M McHenry	26
		21:08.30 Gregory G Willett	28.15 Justin Morris	24	53.82 Nick Hadinger	28
		21:37.44 Anthony Galvez	28.19 Hayden Hendricks	18	53.82 Stanislav Saiko	26
			28.40 Jake P Yraceburu	24	53.85 V Khoroletc	25

25.12	Nei-Kuan Chia	41	■ 100 M. BACKSTROKE	1:02.62	Marc A Valle	44	■ 200 M. FREESTYLE				
25.20	Tom Phillips	44	54.85	MICHAEL ROSS	08	1:02.71	D Mastracchio	44	1:56.00	PAUL SMITH	07
25.22	John D Newhouse	40	57.64	Jeff P Commings	44	1:04.98	Nathan E Murphy	40	2:01.87	Kurt Grote	45
25.28	Martin J Torres	41	58.75	Chuck Barnes	42	1:05.49	Dave D Jilek	44	2:05.48	Mike Self	48
25.36	Chris O'Sullivan	43	1:01.66	Nei-Kuan Chia	41	■ 200 M. BUTTERFLY			2:06.04	Todd M Dreitzler	48
25.67	Eric Stull	44	1:01.70	Scott F Ayer	42	2:02.97	WILLIAM SPECHT	98	2:06.19	Ryan D Williams	45
25.74	Luis Comulada	43	1:03.08	Adam Kotkiewicz	41	2:18.54	Carl G Larsen	41	2:06.36	Abraham E Solano	49
25.89	Andrew T Wood	41	1:04.48	Jarvis I Marlow	42	2:21.79	Joshua Schwartz	41	2:09.63	Steve R Mortimer	48
■ 100 M. FREESTYLE			1:04.70	David E Bell	43	2:29.29	Marc A Valle	44	2:09.77	Michael C Dix	47
50.43	MICHAEL ROSS	08	1:05.21	David D Galluzzi	44	2:30.09	David A Popko	41	2:11.03	David J Rowlette	46
54.44	Jonathan C Samuel	41	1:05.32	Javier Saldena	43	2:32.68	Michael S Ferris	41	2:12.38	Kelly S Karren	45
56.31	D Mastracchio	44	1:05.81	John Rocco Aversa	43	2:32.75	Andrew Babcock	41	2:14.28	Jack Currin	49
56.37	Tom Phillips	44	■ 200 M. BACKSTROKE			2:35.31	John R Decker	44	■ 400 M. FREESTYLE		
56.46	Martin J Torres	41	2:03.84	MICHAEL ROSS	08	2:37.18	Adam Nisenbaum	41	4:09.19	KEITH SWITZER	09
56.78	Andrew T Wood	41	2:08.95	Chuck Barnes	42	2:39.44	Matt Miller	41	4:19.71	Kurt Grote	45
56.96	John D Newhouse	40	2:16.21	Nei-Kuan Chia	41	2:42.75	James A Adams	41	4:39.79	Kirk Nelson	48
57.10	Eric Stull	44	2:19.21	Scott F Ayer	42	■ 100 M. INDIVIDUAL MEDLEY			4:42.69	Michael C Dix	47
57.15	Niclas K Ohman	44	2:21.24	David D Galluzzi	44	57.19	JEFF COMMINGS	14	4:43.95	Michael D Lucero	48
57.54	Brian Lovett	44	2:22.31	C Walden	43	1:01.95	Scott F Ayer	42	4:44.52	Abraham E Solano	49
57.62	Luis Comulada	43	2:22.72	John Rocco Aversa	43	1:03.83	D Mastracchio	44	4:45.87	Nathan Ascher	47
■ 200 M. FREESTYLE			2:26.18	David A Popko	41	1:04.21	Adam Kotkiewicz	41	4:48.49	Mark S Rubacky	49
1:50.08	MICHAEL ROSS	08	2:26.29	Craig SineI	44	1:05.00	John D Newhouse	40	4:49.34	Mike Broglio	47
2:05.28	David A Popko	41	2:27.59	Michael Leake	40	1:05.65	Matthew B Schmidt	40	4:50.06	Joseph M Walter	47
2:05.71	Carl G Larsen	41	2:28.41	Dave Romack	41	1:06.04	Brian Lovett	44	4:52.39	Mark T Fahlen	47
2:08.01	Eric Stull	44	■ 50 M. BREASTSTROKE			1:06.15	John Rocco Aversa	43	■ 800 M. FREESTYLE		
2:09.93	Matt Miller	41	28.21	JEFF COMMINGS	18	1:06.51	Joshua Schwartz	41	8:41.60	RICARDO VALDIVIA	13
2:10.48	Craig M Baldwin	44	28.21	Jeff P Commings	44	1:06.80	Luis Comulada	43	9:29.74	Abraham E Solano	49
2:10.56	John Rocco Aversa	43	31.38	OSCAR I BERMUDEZ	40	1:06.86	Craig SineI	44	9:50.54	Mark S Rubacky	49
2:10.88	Andrew T Wood	41	31.42	Barry Garland	40	■ 200 M. INDIVIDUAL MEDLEY			9:56.36	Michael D Lucero	48
2:11.97	Brian Lovett	44	32.02	Matthew B Schmidt	40	2:05.46	ROQUE SANTOS	09	10:01.99	Nathan Ascher	47
2:12.32	John R Decker	44	32.35	D Mastracchio	44	2:18.41	Scott F Ayer	42	10:08.63	Mark T Fahlen	47
2:12.56	Tom Phillips	44	32.45	Rich Williams	43	2:22.23	Adam Kotkiewicz	41	10:09.87	Mike Broglio	47
■ 400 M. FREESTYLE			32.56	C Jeanpierre	42	2:23.35	Jarvis I Marlow	42	10:13.13	George Villarreal	47
4:01.32	ERIK HOCHSTEIN	09	33.20	Patrick J Lahey	40	2:23.57	John Rocco Aversa	43	10:31.80	Karl R Gundersen	49
4:20.61	Carl G Larsen	41	33.48	Scott Campea	43	2:23.91	Craig SineI	44	10:49.11	Doug Jelen	45
4:23.41	David A Popko	41	33.66	Greg Menna	41	2:24.16	David A Popko	41	10:50.67	Christian F Tujo	47
4:26.36	David D Galluzzi	44	■ 100 M. BREASTSTROKE			2:24.88	Joshua Schwartz	41	■ 1500 M. FREESTYLE		
4:28.55	Jarvis I Marlow	42	1:01.42	STEVE WEST	14	2:25.07	David D Galluzzi	44	16:37.25	KEITH SWITZER	11
4:33.00	Matt Miller	41	1:01.75	Jeff P Commings	44	2:25.78	Patrick J Lahey	40	18:10.01	Chip McDaniel	49
4:36.76	Eric Stull	44	1:07.31	Barry Garland	40	2:28.14	John R Decker	44	18:50.01	Michael D Lucero	48
4:38.43	John Rocco Aversa	43	1:08.78	OSCAR I BERMUDEZ	40	■ 400 M. INDIVIDUAL MEDLEY			18:55.27	Mark S Rubacky	49
4:40.14	John R Decker	44	1:11.81	Patrick J Lahey	40	4:30.68	ERIC CHRISTENSEN	14	19:18.10	Doug Winter	49
4:43.88	Andrew Babcock	41	1:12.45	C Jeanpierre	42	5:09.13	C Walden	43	19:22.25	George Villarreal	47
4:45.17	Marc A Valle	44	1:12.78	John Rocco Aversa	43	5:09.37	David A Popko	41	19:23.24	Nathan Ascher	47
■ 800 M. FREESTYLE			1:12.81	D Mastracchio	44	5:11.62	Craig SineI	44	20:06.14	Brian J Kremers	45
8:21.78	ALEX KOSTICH	11	1:12.87	Matthew B Schmidt	40	5:12.72	John Rocco Aversa	43	20:25.37	Abraham E Solano	49
9:16.33	David A Popko	41	1:14.32	Nathan S Stalker	44	5:20.57	James A Adams	41	20:57.87	Christian F Tujo	47
9:26.60	Matt Miller	41	1:15.28	Mickey Aberle	42	5:21.22	John R Decker	44	21:17.04	Todd Wehmman	46
9:55.18	John R Decker	44	■ 200 M. BREASTSTROKE			5:28.13	Joshua Schwartz	41	■ 50 M. BACKSTROKE		
9:59.49	James A Adams	41	2:13.72	STEVE WEST	14	5:28.76	Matt Miller	41	27.02	CHRIS STEVENSON	09
10:18.91	Andrew Babcock	41	2:36.50	Scott Campea	43	5:35.07	Michael S Ferris	41	28.23	Todd M Dreitzler	48
10:25.69	Brodie Hynes	44	2:37.49	OSCAR I BERMUDEZ	40	5:43.62	Brodie Hynes	44	28.70	Mike Self	48
10:28.97	Adam B Parker	42	2:39.82	C Jeanpierre	42				29.16	Peter S Moore	46
10:37.36	Andrew Peppercorn	41	2:45.01	Craig M Baldwin	44				29.63	TR Raese	46
10:37.89	Brian J Bolz	41	2:46.37	Rich Williams	43				29.80	Greg Rees	49
10:50.28	Ted A Wallach	40	2:47.69	John R Decker	44				29.86	Ryan D Williams	45
■ 1500 M. FREESTYLE			2:50.48	David A Popko	41				30.91	Corey M Carlisle	47
16:09.32	MIKE SHAFFER	09	2:51.86	Darryl D Stich	43	■ 50 M. FREESTYLE			31.22	Chad A Nance	46
17:44.82	David D Galluzzi	44	2:53.29	Matt Miller	41	23.58	SIPHIWE BALEKA	16	31.23	Anthony S Higgins	49
18:01.39	David A Popko	41	2:54.91	James A Adams	41	24.59	Mike Van Thielen	47	31.47	Dan Kasser	49
18:05.50	Jarvis I Marlow	42	■ 50 M. BUTTERFLY			24.61	Ryan D Williams	45	■ 100 M. BACKSTROKE		
18:15.15	Matt Miller	41	24.91	MICHAEL ROSS	08	24.97	Todd M Dreitzler	48	57.00	CHRIS STEVENSON	09
18:49.28	James A Adams	41	25.62	James Zenyuh	42	25.29	Jeremy Gross	47	1:02.44	Todd M Dreitzler	48
19:04.54	Andrew Babcock	41	26.32	Chuck Barnes	42	25.35	James W Connolly	49	1:03.17	TR Raese	46
19:56.76	Adam B Parker	42	26.67	Nei-Kuan Chia	41	25.35	Michael P Doane	48	1:04.46	Steve R Mortimer	48
19:58.19	Matt Reason	44	26.74	Chris O'Sullivan	43	25.78	Sean Gerrard	45	1:05.22	Kurt Grote	45
20:13.80	Kevin H Donlon	40	26.89	D Mastracchio	44	25.86	Timothy J Lecrone	46	1:06.47	Greg Rees	49
20:16.90	Andrew Peppercorn	41	27.00	Scott J Dallamura	40	26.26	Jerry E Bailey	49	1:06.48	Chad A Nance	46
■ 50 M. BACKSTROKE			27.50	Greg Menna	41	■ 100 M. FREESTYLE			1:06.51	Adam T Carlstrom	46
25.53	MICHAEL ROSS	09	27.90	J Iwaszkowiec	42	52.54	PAUL SMITH	07	1:06.89	Anthony S Higgins	49
26.62	James Zenyuh	42	27.97	Patrick J Lahey	40	52.80	Mike Van Thielen	47	1:07.03	Jerry E Bailey	49
27.47	Chuck Barnes	42	28.03	Brian Lovett	44	53.82	Brian L Jacobson	45	1:08.79	Kelly S Karren	45
27.98	Scott F Ayer	42	■ 100 M. BUTTERFLY			54.88	Kurt Grote	45	■ 200 M. BACKSTROKE		
28.57	Nei-Kuan Chia	41	55.82	MICHAEL ROSS	08	55.56	Todd M Dreitzler	48	2:05.54	CHRIS STEVENSON	09
29.47	Adam Kotkiewicz	41	58.75	Nei-Kuan Chia	41	56.94	John F De Groot	49	2:18.87	Steve R Mortimer	48
29.56	David E Bell	43	1:00.17	John D Newhouse	40	57.24	David D Fuller	48	2:22.94	TR Raese	46
29.60	Oliver Agh	43	1:00.53	Scott J Dallamura	40	58.06	James S Banbury	49	2:28.55	Anthony S Higgins	49
29.79	John Rocco Aversa	43	1:01.75	Carl G Larsen	41	58.10	Abraham E Solano	49	2:30.44	Nathan G Mott	47
29.89	Sidney N Nakahodo	43	1:02.14	Joshua Schwartz	41	58.18	Jason G Baker	46	2:30.50	Chad A Nance	46
29.91	D Mastracchio	44	1:02.37	Andrew Babcock	41	58.38	Timothy J Lecrone	46	2:38.03	Doug Jelen	45

2:41.60	Nathan Ascher	47	1:02.43	Jeffrey H Roddin	49	4:45.91	Len Van Greuning	51	1:12.05	Sean P Frampton	52
2:42.00	Daniel A Rudolph	47	1:03.55	Ryan D Williams	45	4:46.03	Emad H Elshafei	52	1:13.94	Doug J Koehler	52
2:45.04	Scott Werkmeister	49	1:04.08	James W Connolly	49	4:48.76	Matthew R Gilson	51	1:14.67	Mark VanderMey	53
2:46.09	Onesimo C Demira	45	1:04.73	TR Raese	46	■ 800 M. FREESTYLE			1:15.23	Rick M Hamilton	51
■ 50 M. BREASTSTROKE			1:05.02	Jerry E Bailey	49	8:44.51	JIM MCCONICA	00	1:15.25	Nick Boshoff	50
28.88	TODD TORRES	13	1:06.29	Chip Castagnos	49	8:57.55	Kurt F Dickson	51	1:15.46	James G Luebbe	51
28.94	Steve West	46	1:06.30	Robert Garland	49	8:59.73	Jeffrey S Utsch	51	1:15.48	Carlo Waldfried	50
30.65	Kurt Grote	45	1:06.30	Peter S Moore	46	9:05.21	Mike G Shaffer	53	■ 200 M. BREASTSTROKE		
30.83	Brian L Jacobson	45	■ 200 M. INDIVIDUAL MEDLEY			9:17.45	Mats Nygren	52	2:21.65	DAVID GUTHRIE	13
31.49	James W Connolly	49	2:09.71	JEROME FRENTSOS	10	9:21.93	Mark A Magee	50	2:32.80	Chris D Duplanty	53
31.55	Abraham E Solano	49	2:13.31	Kurt Grote	45	9:30.38	Scot A Sullivan	52	2:41.07	Graeme A Fiser	52
31.86	Todd M Dreitzler	48	2:20.19	Steve R Mortimer	48	9:49.32	Michael D Collins	52	2:42.19	Neill Williams	50
32.20	Aaron B Bartleson	48	2:20.85	Jeffrey H Roddin	49	9:52.40	Jonathan A Edge	52	2:43.10	Mark A Magee	50
32.78	Michael P Doane	48	2:23.48	Jerry E Bailey	49	9:53.57	Andy Cook	54	2:43.18	Doug J Koehler	52
32.86	Michael Goodison	46	2:24.82	Michael C Dix	47	9:55.43	Kenton R Jones	51	2:44.99	Carlo Waldfried	50
32.92	Craig Hersh	47	2:25.32	RJ Hermanet	48	■ 1500 M. FREESTYLE			2:46.35	Nick Boshoff	50
■ 100 M. BREASTSTROKE			2:29.65	Chip McDaniel	49	16:33.02	JIM MCCONICA	00	2:50.47	Rick M Hamilton	51
1:02.22	STEVE WEST	18	2:30.00	Craig Hersh	47	17:31.22	Kurt F Dickson	51	2:51.71	Mark VanderMey	53
1:02.22	Steve West	46	2:30.54	Nathan Ascher	47	17:59.24	David E Kays	51	2:51.91	Rob E Allen	53
1:05.93	Kurt Grote	45	2:30.76	John T Landreth	48	18:04.37	Scot A Sullivan	52	2:51.91	Andrew F Ellis	50
1:09.40	James W Connolly	49	■ 400 M. INDIVIDUAL MEDLEY			18:30.14	Jeffrey S Utsch	51	■ 50 M. BUTTERFLY		
1:09.70	Todd M Dreitzler	48	4:43.64	JEROME FRENTSOS	10	18:59.27	M De Boisblanc	50	25.92	STEVE HILTABIDDLE	18
1:12.37	Craig Hersh	47	4:49.84	Kurt Grote	45	19:06.19	Stratton Smith	54	25.74	Steve Hiltabiddle	52N
1:12.68	Aaron B Bartleson	48	5:04.42	Jeffrey H Roddin	49	19:52.71	Peter M Hixson	52	27.79	Evan F Ekman	54
1:13.49	Michael Goodison	46	5:09.80	RJ Hermanet	48	19:59.17	Michael Herrmann	51	27.99	Neill Williams	50
1:13.85	Matthew A Kinney	48	5:11.02	Michael C Dix	47	20:03.79	Julio Cienega	52	28.62	Lars Farestvedt	54
1:13.91	J Todd Radel	46	5:22.31	Nathan Ascher	47	20:22.27	Robert E Breitel	51	28.74	Stephen Nichols	54
1:14.21	David B Dunson	46	5:23.46	Matthew A Kinney	48	■ 50 M. BACKSTROKE			28.79	Brent Matheson	51
■ 200 M. BREASTSTROKE			5:33.79	Craig Hersh	47	26.69	FRITZ BEDFORD	15	28.79	John H McComish	52
2:15.45	STEVE WEST	18	5:40.59	Mark S Rubacky	49	29.06	Bryan Malas	51	28.80	Carlo Waldfried	50
2:15.45	Steve West	46	5:40.67	Gary Sangmeister	47	29.07	Steve Hiltabiddle	52	28.98	Dan C Beatty	52
2:23.75	Kurt Grote	45	5:49.01	Christian F Tujo	47	29.33	Neill Williams	50	28.98	Jeff M Bailey	51
2:33.31	Todd M Dreitzler	48				29.70	Rick M Hamilton	51	■ 100 M. BUTTERFLY		
2:38.28	James W Connolly	49				30.11	Mike G Shaffer	53	57.29	PAUL CARTER	07
2:39.96	Matthew A Kinney	48				30.29	Valeriy Krishtal	53	59.18	Steve Hiltabiddle	52
2:42.74	Ashley H Anderson	47	■ 50 M. FREESTYLE			30.32	John H Keppeler	51	1:01.15	Mike G Shaffer	53
2:43.40	Craig Hersh	47	23.38	ROWDY GAINES	09	30.52	Brent Matheson	51	1:02.56	Jerome A Frentsos	53
2:44.02	Nathan Ascher	47	24.23	Steve Hiltabiddle	52	30.71	Randy Schlichting	53	1:03.19	Evan F Ekman	54
2:45.31	Michael Goodison	46	25.31	Lou Dearstynne	50	30.80	Jose J Faria	52	1:03.27	Brad Jones	52
2:50.02	Gustavo Sandi	46	25.54	Evan F Ekman	54	■ 100 M. BACKSTROKE			1:03.56	Mark A Magee	50
■ 50 M. BUTTERFLY			25.94	Carlo Waldfried	50	58.47	FRITZ BEDFORD	15	1:03.79	Fred L Schuster	54
25.74	FRITZ BEDFORD	09	26.08	Neill Williams	50	1:02.68	Rick M Hamilton	51	1:03.95	Terry A DeBiase	53
26.72	Brian L Jacobson	45	26.09	Mark Nieuwenhuis	52	1:03.07	Mike G Shaffer	53	1:04.07	Rick M Hamilton	51
27.04	Todd M Dreitzler	48	26.11	Michael P Lee	51	1:05.44	Jim Tuchler	53	1:04.78	Marshall Campbell	53
27.24	Ryan D Williams	45	26.19	Stephen Nichols	54	1:06.02	Kurt F Dickson	51	■ 200 M. BUTTERFLY		
27.44	Jeremy Gross	47	26.28	Mats Nygren	52	1:06.07	Valeriy Krishtal	53	2:10.52	MIKE SHAFFER	16
27.47	Michael P Doane	48	26.38	John H McComish	52	1:06.85	John H Keppeler	51	2:14.78	Mike G Shaffer	53
27.81	Kelly S Karren	45	■ 100 M. FREESTYLE			1:07.27	Randy Schlichting	53	2:21.39	Mark A Magee	50
27.85	Timothy J Lecrone	46	51.61	ROWDY GAINES	09	1:07.32	Steve Hiltabiddle	52	2:25.35	Kurt F Dickson	51
28.05	Jeffrey H Roddin	49	53.92	Steve Hiltabiddle	52	1:07.84	Bryan Malas	51	2:27.51	Fred L Schuster	54
28.58	Gary Sangmeister	47	56.70	Mats Nygren	52	1:08.44	Hector Chao	54	2:32.63	Jerome A Frentsos	53
28.59	Andy S Kroupa	49	56.97	Carlo Waldfried	50	■ 200 M. BACKSTROKE			2:34.30	Rick M Hamilton	51
■ 100 M. BUTTERFLY			57.56	Kurt F Dickson	51	2:11.84	JAMIE FOWLER	09	2:35.02	Yan Cardineau	50
57.17	PAUL CARTER	03	57.57	Terry A DeBiase	53	2:14.50	Kurt F Dickson	51	2:35.85	Carlo Waldfried	50
1:00.55	Jeffrey H Roddin	49	57.64	Evan F Ekman	54	2:17.22	Rick M Hamilton	51	2:36.38	Dan C Beatty	52
1:01.51	Michael C Dix	47	57.67	Stephen Nichols	54	2:21.78	Mike G Shaffer	53	2:36.40	Mark W Brandt	52
1:01.67	James M Rosenthal	47	57.69	Jeff M Bailey	51	2:25.42	Valeriy Krishtal	53	■ 100 M. INDIVIDUAL MEDLEY		
1:02.32	Kurt Grote	45	57.83	Mark Nieuwenhuis	52	2:27.59	John H Keppeler	51	1:00.57	SCOTT HEBER	16
1:02.62	Jeremy Gross	47	57.96	Michael P Lee	51	2:28.14	Trent Theroux	51	1:01.61	Jerome A Frentsos	53
1:02.90	Peter S Moore	46	■ 200 M. FREESTYLE			2:28.82	Randy Schlichting	53	1:03.13	Steve Hiltabiddle	52
1:03.69	Steve R Mortimer	48	1:54.61	ROWDY GAINES	11	2:29.17	Hector Chao	54	1:03.80	Neill Williams	50
1:03.75	Brian L Jacobson	45	2:03.07	Jeffrey S Utsch	51	2:29.41	Jose J Faria	52	1:05.26	Rick M Hamilton	51
1:04.98	James S Banbury	49	2:04.03	Kurt F Dickson	51	2:33.40	Sebastian Moll	54	1:06.23	Jose J Faria	52
1:05.18	Erik A Hanssen	47	2:06.15	Terry A DeBiase	53	■ 50 M. BREASTSTROKE			1:06.29	Terry A DeBiase	53
■ 200 M. BUTTERFLY			2:06.82	Jerome A Frentsos	53	29.84	DAVID GUTHRIE	13	1:06.35	Gerald Badding	52
2:06.40	DENNIS BAKER	06	2:07.98	Ricardo Valdivia	54	31.21	Neill Williams	50	1:07.46	Emad H Elshafei	52
2:15.57	Michael C Dix	47	2:09.03	Scot A Sullivan	52	32.15	Jim Tuchler	53	1:07.54	Brad Jones	52
2:34.96	Erik A Hanssen	47	2:09.30	Stephen Nichols	54	32.33	Sean P Frampton	52	1:07.55	Ricardo Valdivia	54
2:35.91	Nathan Ascher	47	2:10.53	Gerald Badding	52	33.15	Graeme A Fiser	52	■ 200 M. INDIVIDUAL MEDLEY		
2:39.46	Christian F Tujo	47	2:10.93	Christopher Doyle	54	33.41	Doug J Koehler	52	2:12.85	JEROME FRENTSOS	15
2:46.75	Cliff J Harbourt	46	2:11.22	Fred L Schuster	54	33.50	Carlo Waldfried	50	2:13.82	Jerome A Frentsos	53
2:52.18	Mark S Rubacky	49	■ 400 M. FREESTYLE			33.73	Brian D Strate	51	2:21.24	Jim Tuchler	53
2:53.79	Doug Jelen	45	4:07.99	JIM MCCONICA	00	34.09	Nick Boshoff	50	2:21.28	Rick M Hamilton	51
2:59.46	Brian J Kremers	45	4:19.37	Kurt F Dickson	51	34.37	Bradley N Boodt	50	2:22.47	Mark A Magee	50
3:01.95	Daniel R Jegers	49	4:26.86	Ricardo Valdivia	54	34.39	James G Luebbe	51	2:26.07	M De Boisblanc	50
3:09.63	Ken K Kwa	45	4:29.05	Scot A Sullivan	52	■ 100 M. BREASTSTROKE			2:26.45	Emad H Elshafei	52
■ 100 M. INDIVIDUAL MEDLEY			4:36.84	Rob E Allen	53	1:04.54	DAVID GUTHRIE	13	2:26.87	Jose J Faria	52
1:00.09	SIPHIWE BALEKA	16	4:37.34	Dennis N Tesch	53	1:09.21	Neill Williams	50	2:29.39	Brad Jones	52
1:01.34	Kurt Grote	45	4:42.17	Jonathan A Edge	52	1:09.69	Chris D Duplanty	53	2:29.97	Rob E Allen	53
1:01.52	Brian L Jacobson	45	4:42.28	Andy Cook	54	1:11.85	Graeme A Fiser	52	2:30.30	Doug J Koehler	52

■ 100 M. BACKSTROKE	1:09.46 David P Lindstedt	62	■ 200 M. FREESTYLE	2:54.54 George L Schmidt	68
1:04.13 TOM BARTON	1:11.13 R Kannegieser	61	2:07.56 RICK COLELLA	2:55.06 Buster Yonich	67
1:07.33 Jonathan E Klein	1:11.15 Neil Puhse	63	2:15.02 James S Thornton	2:55.52 David Bright	65
1:08.78 Bill A Brackett	1:11.89 Bart J McDermott	62	2:17.84 Jeffrey Boatright	2:56.16 David P Tempest	68
1:08.88 Dan Stephenson	■ 200 M. BUTTERFLY		2:21.02 Edward J Borsuk	■ 50 M. BREASTSTROKE	
1:09.54 Philipp A Djang	2:23.29 RICK COLELLA	15	2:22.90 Glenn A Gruber	32.50 RICK COLELLA	16
1:11.06 Steve Cutting	2:31.02 Greg Sanchez	61	2:26.54 Rick B Walker	36.73 Clive G Edwards	65
1:11.19 James H Ritter	2:32.07 James H Ritter	62	2:26.76 Edward E Bell	36.95 Craig M Ottersen	66
1:11.58 Tom Barton	2:33.67 Dan Stephenson	61	2:28.48 Mark E Modjeska	37.60 Allen L Stark	69
1:12.36 Mark E Alexander	2:39.13 Steve Waters	60	2:30.03 Tim Allen	37.66 Hubie Kerns	69
1:13.01 Greg Sanchez	2:45.37 Randy Rogers	60	2:31.09 Marc S Anderson	37.89 Patrick Strother	65
1:13.11 Gary Schatz	2:45.73 John R Morales	60	2:31.59 Stuart L Kahn	38.29 Robert Wilson	67
■ 200 M. BACKSTROKE	2:49.36 John B Chambers	63	■ 400 M. FREESTYLE	38.46 Robert Kelsoe	65
2:20.38 TOM BARTON	2:51.52 Andy Dyer	60	4:27.91 RICK COLELLA	38.66 Rick B Walker	68
2:27.91 Joe S Dunn	2:51.71 Andreas K Seibt	60	4:48.79 Jeffrey Boatright	39.08 George L Schmidt	68
2:28.31 Dan Stephenson	2:52.58 Neil R Wasserman	63	4:53.91 James S Thornton	39.11 Robert A Heacock	69
2:29.00 Doug Kajiwara	■ 100 M. INDIVIDUAL MEDLEY		5:03.96 Edward J Borsuk	■ 100 M. BREASTSTROKE	
2:29.63 Bill A Brackett	1:04.23 RICK COLELLA	15	5:05.35 Edward E Bell	1:13.16 RICK COLELLA	16
2:31.35 James H Ritter	1:06.42 Gregory L Oxley	60	5:06.19 Mark E Modjeska	1:21.89 Allen L Stark	69
2:32.62 Jonathan E Klein	1:07.98 Andy Dyer	60	5:11.57 Richard J Jordan	1:23.85 Hubie Kerns	69
2:33.59 Steve Cutting	1:08.39 Dan Stephenson	61	5:15.10 Glenn A Gruber	1:25.52 Clive G Edwards	65
2:34.00 Tom Barton	1:08.48 Bruce D Young	61	5:19.32 Tim Allen	1:25.73 Rick B Walker	68
2:34.43 Mark E Alexander	1:08.53 Doug Kajiwara	61	5:24.62 Gordon E Bell	1:27.00 Robert Kelsoe	65
2:35.19 Greg Sanchez	1:09.32 Jack R Groselle	64	5:25.43 Craig J Franz	1:27.94 Lee H MacDonald	66
■ 50 M. BREASTSTROKE	1:09.88 Paul W Denison	61	■ 800 M. FREESTYLE	1:28.26 Robert A Heacock	69
31.51 RICK COLELLA	1:10.64 Winston Uchiyama	61	9:53.06 JIM MC CONICA	1:29.65 Robert Liotta	67
32.75 Gregory L Oxley	1:10.68 Bruce Paakh	61	10:20.61 Larry B Krauser	1:29.72 Stephen Dougherty	67
32.95 Richard Neville	1:10.86 Pat Meaney	60	10:29.74 Mark E Modjeska	1:30.42 George L Schmidt	68
32.98 Bruce C Kone	■ 200 M. INDIVIDUAL MEDLEY		10:37.83 Richard J Jordan	■ 200 M. BREASTSTROKE	
33.20 Andy Dyer	2:19.96 RICK COLELLA	15	10:43.86 Edward J Borsuk	2:36.85 RICK COLELLA	17
34.10 Benn W Doyle	2:29.30 Dan Stephenson	61	10:57.59 Phil L Dodson	3:05.55 Hubie Kerns	69
34.13 Randy J Parker	2:29.73 Bruce D Young	61	11:08.04 Tim Allen	3:06.03 Allen L Stark	69
34.17 Jack R Groselle	2:31.36 James H Ritter	62	11:17.70 James Ryan	3:11.24 Rick B Walker	68
34.20 Ying WuShanley	2:32.02 Jack R Groselle	64	11:19.72 Craig J Franz	3:12.33 Lee H MacDonald	66
34.40 Pat Meaney	2:32.68 Jeff G Naylor	60	11:38.71 Tom Phipps	3:17.30 Stephen Dougherty	67
34.82 David P Lindstedt	2:33.32 Andy Dyer	60	11:43.81 Jack R Martin	3:17.33 Charles L Hoffman	68
■ 100 M. BREASTSTROKE	2:35.19 Paul W Denison	61	■ 1500 M. FREESTYLE	3:23.45 Bruce W Rollins	69
1:09.92 RICK COLELLA	2:35.40 Bryan D Volpp	61	18:53.75 JIM MC CONICA	3:23.49 Stephen A Small	66
1:13.12 Gregory L Oxley	2:37.35 Winston Uchiyama	61	19:19.65 Larry B Krauser	3:24.53 Robert Liotta	67
1:14.51 Andy Dyer	2:37.51 Benn W Doyle	60	19:57.22 Mark E Modjeska	3:25.48 Robert A Heacock	69
1:15.25 Randy J Parker	■ 400 M. INDIVIDUAL MEDLEY		20:39.30 Richard J Jordan	■ 50 M. BUTTERFLY	
1:15.88 Benn W Doyle	5:04.54 RICK COLELLA	11	21:06.39 Alan Bell	28.65 DOUG MARTIN	18
1:16.54 Jack R Groselle	5:22.27 Dan Stephenson	61	21:09.21 Phil L Dodson	28.65 Doug Martin	65
1:17.71 Winston Uchiyama	5:24.98 James H Ritter	62	21:30.32 James Ryan	29.70 Kevin M McCormack	66
1:18.64 Jeff G Naylor	5:27.90 Greg Sanchez	61	21:40.38 David P Tempest	30.16 Marc D Middleton	67
1:19.16 Bryan D Volpp	5:29.63 Jeff G Naylor	60	21:43.93 Craig J Franz	30.67 Edwin W McCleskey	65
1:19.23 Ying WuShanley	5:34.65 Bryan D Volpp	61	21:58.51 Jack R Martin	31.06 James S Thornton	66
1:19.77 Pat Meaney	5:36.49 John R Morales	60	22:15.45 Marc S Anderson	31.10 Jack W Gooding	65
■ 200 M. BREASTSTROKE	5:38.53 Andreas K Seibt	60	■ 50 M. BACKSTROKE	31.17 Robert Kelsoe	65
2:37.61 RICK COLELLA	5:42.02 Steve Waters	60	30.34 HUGH WILDER	31.93 Steven V Heck	69
2:44.71 Gregory L Oxley	5:43.06 Neil R Wasserman	63	32.45 Bob S Thomas	32.28 Glenn A Gruber	69
2:46.92 Benn W Doyle	5:44.99 Andy Dyer	60	34.09 Robert A Heacock	32.35 Jeffrey Boatright	65
2:48.69 Andy Dyer			34.72 Wes Edwards	■ 100 M. BUTTERFLY	
2:48.72 Winston Uchiyama			35.62 Scott P McMillen	1:05.37 LAWRENCE DAY	16
2:49.90 Jeff G Naylor			35.76 Buster Yonich	1:08.60 Kevin M McCormack	66
2:55.37 Bryan D Volpp			35.77 Daniel Epstein	1:09.75 Jack W Gooding	65
3:00.40 Andreas K Seibt			35.92 Jack W Courtney	1:09.95 James S Thornton	66
3:03.05 John N Evers			36.08 Michael S Fey	1:10.69 Jeffrey Boatright	65
3:04.48 Mauro Bordovsky			36.68 Greg J Tharp	1:11.47 Robert Kelsoe	65
3:04.86 Bill Sherman			37.29 Michael Williams	1:14.26 Robert H Wilson	67
■ 50 M. BUTTERFLY			■ 100 M. BACKSTROKE	1:14.89 Bill Struckell	65
27.53 DONALD GRAHAM			1:07.69 HUGH WILDER	1:16.46 Michael Williams	69
27.57 Bruce C Kone			1:10.95 Bob S Thomas	1:16.81 Mark E Modjeska	65
28.94 Jay W Leigh			1:13.75 Wes Edwards	1:19.65 Mark Buckley	65
29.31 Gary Schatz			1:13.88 Jeffrey Boatright	■ 200 M. BUTTERFLY	
29.62 Paul W Denison			1:14.66 Robert H Wilson	2:25.35 RICK COLELLA	17
30.18 Steve Waters			1:15.58 Lawrence J Day	2:44.91 Mark E Modjeska	65
30.32 Jonathan E Klein			1:17.42 Buster Yonich	2:48.61 Phil L Dodson	65
30.38 James H Ritter			1:17.88 George L Schmidt	3:16.04 Valdis Jurka	68
30.53 Jack R Groselle			1:18.31 Greg J Tharp	3:16.37 Tom Phipps	65
30.60 Joe S Dunn			1:19.13 Jack W Courtney	3:17.90 Bruce W Rollins	69
30.61 Bruce Paakh			1:19.37 Michael Williams	3:29.57 Charles A Larson	66
■ 100 M. BUTTERFLY			■ 200 M. BACKSTROKE	3:31.40 William Geoghegan	68
1:03.76 RICH ABRAHAMS			2:31.16 LAWRENCE DAY	3:39.93 Kermit D Yensen	65
1:06.15 James H Ritter			2:31.16 Lawrence J Day	3:42.76 Dawson Nash	65
1:06.26 Dan Stephenson			2:33.95 Bob S Thomas	3:45.46 Carl Millholland	66
1:06.37 Greg Sanchez			2:42.38 Wes Edwards	■ 100 M. INDIVIDUAL MEDLEY	
1:08.69 Jack R Groselle			2:50.15 Steven V Heck	1:05.43 RICK COLELLA	16
1:08.76 Steve Waters			2:50.25 Jack W Courtney	1:12.01 Robert H Wilson	67
1:09.23 John R Morales			2:53.30 Greg J Tharp	1:13.23 James S Thornton	66

1:13.55	Hubie Kerns	69	5:48.56	Fred C Baird	70	1:30.56	Mike Selna	70	■ 400 M. INDIVIDUAL MEDLEY
1:13.58	Edwin W McCleskey	65	6:01.51	Rich Bernstein	72	1:31.21	Daniel J Rogacki	71	6:04.55 DOUGLAS SPRINGER 16
1:14.00	Glenn A Gruber	69	6:02.41	Tim Morse	70	1:31.82	George F Wendt	71	6:08.83 Lee Childs 70
1:14.17	Steven V Heck	69	6:02.46	Craig M Coffin	70	1:32.90	Levente G Batizy	72	6:18.67 Douglas Springer 72
1:15.50	Craig M Ottersen	66	■ 800 M. FREESTYLE			1:34.38	Robin T Kleffman	71	6:25.63 Frank McElroy 70
1:15.71	Jack W Gooding	65	10:17.73	DAN KIRKLAND	18	1:34.79	Kent Carney	71	6:42.76 Daniel J Rogacki 71
1:16.34	Bob S Thomas	66	10:17.73	Dan L Kirkland	70	1:35.23	Joe Reid	70	6:45.30 Duke Dahlin 70
1:16.53	Robert Kelsoe	65	10:58.56	Frank McElroy	70	1:35.86	Roger F Leonard	70	6:48.49 Douglas K Miller 72
■ 200 M. INDIVIDUAL MEDLEY			11:43.76	David Quiggin	74	■ 200 M. BREASTSTROKE			6:54.12 Stan R LeMaster 71
2:20.35	RICK COLELLA	18	11:47.15	Bob A Bruce	70	2:55.87	ROBERT STRAND	16	7:07.10 Jay Brzezinski 71
2:20.35	Rick Colella	67	11:49.33	Gaard Arneson	70	3:08.97	Douglas Springer	72	7:18.41 Dennis R Meyring 73
2:39.47	Robert H Wilson	67	12:05.11	Daniel J Rogacki	71	3:14.80	Mike Selna	70	7:18.65 Rich Bernstein 72
2:39.49	James S Thornton	66	12:05.39	Rich Bernstein	72	3:14.97	Steven B Peterson	72	
2:43.55	Hubie Kerns	69	12:09.30	Stan R LeMaster	71	3:22.16	Daniel J Rogacki	71	
2:46.42	Steven V Heck	69	12:23.74	Art Stark	72	3:26.25	George F Wendt	71	
2:49.84	Michael Williams	69	12:32.70	Rog Hardy	72	3:26.99	Stan R LeMaster	71	
2:49.85	Craig M Ottersen	66	■ 1500 M. FREESTYLE			3:29.51	Bob A Bruce	70	
2:52.23	Phil L Dodson	65	19:52.89	DAN KIRKLAND	18	3:35.58	Robin T Kleffman	71	
2:55.30	Robert Kelsoe	65	19:52.89	Dan L Kirkland	70	3:40.96	Kirby L Smith	72	
2:55.41	David Bright	65	21:39.85	Frank McElroy	70	3:41.88	James R DeLacy	72	
■ 400 M. INDIVIDUAL MEDLEY			22:08.91	Bob A Bruce	70	■ 50 M. BUTTERFLY			
5:03.34	RICK COLELLA	17	22:28.31	Gaard Arneson	70	29.52	RICHARD ABRAHAMS	15	
5:50.85	James S Thornton	66	22:54.63	Steven B Peterson	72	30.44	Richard Abrahams	73	
6:06.97	Hubie Kerns	69	23:02.81	Stan R LeMaster	71	30.95	Lee Childs	70	
6:07.52	Steven V Heck	69	23:14.61	Rich Bernstein	72	31.37	Andrew McPherson	71	
6:27.11	Michael Williams	69	24:01.52	Craig M Coffin	70	34.04	James R DeLacy	72	
6:31.74	Gary Benson	68	24:13.57	Dennis R Meyring	73	35.22	David S Jarvis	71	
6:41.74	Robert A Rosen	68	25:42.65	Thomas Gurucharri	71	35.98	Duke Dahlin	70	
6:45.23	Nick Douglass	69	■ 50 M. BACKSTROKE			37.52	Douglas Springer	72	
6:46.57	Stuart L Kahn	65	33.09	HUGH WILDER	17	37.56	Daniel J Rogacki	71	
6:47.79	Bruce W Rollins	69	35.36	Dan L Kirkland	70	37.73	Dennis R Meyring	73	
6:50.59	Kermit D Yensen	65	36.17	Mike Selna	70	38.22	Bill Ton	71	
			36.47	Andrew McPherson	71	■ 100 M. BUTTERFLY			
			37.23	Duke Dahlin	70	1:07.56	RICHARD ABRAHAMS	15	
			37.35	Joe Reid	70	1:11.63	Richard Abrahams	73	
			37.58	Richard Ten Hoor	71	1:16.35	Andrew McPherson	71	
			37.59	Bob E Couch	71	1:18.29	Fred C Baird	70	
			38.07	Jay Brzezinski	71	1:23.63	Duke Dahlin	70	
			38.13	Daniel J Rogacki	71	1:24.18	Frank McElroy	70	
			38.92	Mark B Grashow	73	1:24.45	John Ziegenhagen	72	
			■ 100 M. BACKSTROKE			1:28.80	Douglas Springer	72	
			1:12.09	RICHARD BURNS	13	1:32.11	Bob A Bruce	70	
			1:15.34	Dan L Kirkland	70	1:33.15	Thomas W Motheral	70	
			1:19.68	Mike Selna	70	1:34.95	Steven B Peterson	72	
			1:19.75	Joe Reid	70	■ 200 M. BUTTERFLY			
			1:21.13	Duke Dahlin	70	2:52.80	DOUGLAS SPRINGER	16	
			1:21.77	Jay Brzezinski	71	3:01.87	Douglas Springer	72	
			1:24.78	Bob E Couch	71	3:17.42	Frank McElroy	70	
			1:25.68	Daniel J Rogacki	71	3:19.20	Duke Dahlin	70	
			1:25.96	Kent Carney	71	3:25.93	Douglas K Miller	72	
			1:26.04	Stephen W Fogg	70	3:37.87	Stan R LeMaster	71	
			1:26.67	Bob A Bruce	70	3:54.48	David Preuninger	71	
			■ 200 M. BACKSTROKE			3:59.01	Bob Kolonkowski	70	
			2:38.01	RICHARD BURNS	13	3:59.59	Eliot Winokur	74	
			2:41.22	Dan L Kirkland	70	4:04.84	John V Zeigler	73	
			2:53.56	Mike Selna	70	4:13.45	Craig A Shaffer	72	
			2:59.06	Joe Reid	70	■ 100 M. INDIVIDUAL MEDLEY			
			3:03.04	Duke Dahlin	70	1:13.09	RICHARD ABRAHAMS	15	
			3:05.68	Bob A Bruce	70	1:15.10	Lee Childs	70	
			3:07.54	Kent Carney	71	1:15.14	Andrew McPherson	71	
			3:07.57	Jay Brzezinski	71	1:18.32	Douglas Springer	72	
			3:11.34	Neil E Hart	73	1:18.77	Daniel J Rogacki	71	
			3:13.26	Bob Welty	74	1:19.08	Mike Selna	70	
			3:13.68	Daniel J Rogacki	71	1:19.61	Bob E Couch	71	
			■ 50 M. BREASTSTROKE			1:21.57	Duke Dahlin	70	
			35.97	ROBERT STRAND	16	1:21.84	David S Jarvis	71	
			37.71	Douglas Springer	72	1:23.56	Jay Brzezinski	71	
			39.58	Daniel J Rogacki	71	1:24.45	Levente G Batizy	72	
			40.05	Andrew McPherson	71	■ 200 M. INDIVIDUAL MEDLEY			
			41.13	Robin T Kleffman	71	2:44.81	RICHARD BURNS	13	
			41.29	Steven B Peterson	72	2:44.94	Lee Childs	70	
			41.76	Joe Reid	70	2:59.11	Bob E Couch	71	
			42.06	Roger F Leonard	70	3:01.09	Frank McElroy	70	
			42.32	James R DeLacy	72	3:01.46	Douglas Springer	72	
			42.50	George F Wendt	71	3:05.69	Steven B Peterson	72	
			42.75	Mike Selna	70	3:07.57	Daniel J Rogacki	71	
			■ 100 M. BREASTSTROKE			3:11.35	Bob A Bruce	70	
			1:19.04	DOUGLAS SPRINGER	16	3:14.10	Stan R LeMaster	71	
			1:24.16	Douglas Springer	72	3:15.39	Dennis R Meyring	73	
			1:28.96	Steven B Peterson	72	3:16.97	Jay Brzezinski	71	

MEN 75-79

■ 50 M. FREESTYLE			29.90	MIKE FRESHLEY	16
			30.53	Richard Burns	75
			30.96	Peter Andersen	75
			31.63	Mike R Freshley	77
			32.48	Keefe L Ludwig	75
			32.61	Will D Gosnold	78
			32.97	Tony Ralphs	75
			34.72	David R Gildea	75
			35.90	Jim B Brown	75
			36.44	David W Oakes	78
			36.49	Laurence Walker	75
■ 100 M. FREESTYLE			1:05.13	DAVID RADCLIFF	09
			1:10.24	Richard Burns	75
			1:12.20	Will D Gosnold	78
			1:12.47	Peter Andersen	75
			1:13.21	Keefe L Ludwig	75
			1:13.56	Mike R Freshley	77
			1:13.59	Tony Ralphs	75
			1:18.06	David Vail	75
			1:20.75	Laurence Walker	75
			1:22.33	Walter B Hultin	75
			1:22.61	Dick Hutchings	77
■ 200 M. FREESTYLE			2:27.53	DAVID RADCLIFF	09
			2:42.60	Tony Ralphs	75
			2:47.41	Peter Andersen	75
			2:49.02	Keefe L Ludwig	75
			2:49.02	Warner F Brundage	75
			3:07.64	George L Carey	76
			3:09.13	Bill Dawson	76
			3:10.22	Dick Hutchings	77
			3:13.78	David L Robinson	75
			3:19.02	Dave N Noble	75
			3:22.15	Alex Fisher	79
■ 400 M. FREESTYLE			5:15.10	DAVID RADCLIFF	09
			5:45.92	Tony Ralphs	75
			6:20.98	David R Gildea	75
			6:37.06	George L Carey	76
			6:39.18	Dick Hutchings	77
			6:52.68	Dave N Noble	75
			6:53.65	Bill Dawson	76
			7:28.29	Alex Fisher	79
			7:31.23	S Tapia-Perez	79
			7:31.72	Michael C Nordby	77
			7:39.36	Richard Durringer	77
■ 800 M. FREESTYLE			10:59.10	DAVID RADCLIFF	09
			11:46.12	Tony Ralphs	75
			13:11.52	Frank Williams	78
			13:35.74	David R Gildea	75
			13:46.19	Bill Dawson	76
			13:49.82	Dick Hutchings	77
			14:09.55	George L Carey	76
			14:32.73	Dave N Noble	75
			14:54.40	David L Robinson	75
			15:44.53	Richard Durringer	77
			16:07.17	Thomas Neal	75
■ 1500 M. FREESTYLE			20:39.50	DAVID RADCLIFF	09
			22:15.88	Tony Ralphs	75
			25:43.32	Bill Dawson	76

28:01.04	George L Carey	76	■ 50 M. BUTTERFLY	1:24.63	David A Radcliff	84	4:07.47	William Fleming	83	
28:11.89	Dave N Noble	75	32.41 RICHARD BURNS	18	1:30.03	Michael A Dively	80	4:20.26	John N Trainer	81
29:53.97	Donald J Kroeger	75	32.41 Richard Burns	75	1:33.73	Sid Hall	83	4:25.90	Pete Palmer	83
30:01.86	Michael C Nordby	77	35.23 Mike R Freshley	77	1:34.24	Bob Colyer	80	4:45.41	David Gladfelter	82
31:07.94	Carsten Wilms	78	39.00 David Vail	75	1:36.67	Lawrence Cohen	83	4:49.68	Ray Bellem	82
32:09.20	Richard Duringer	77	40.45 Walter B Hultin	75	1:38.70	William Fleming	83	5:02.22	Jack C Fleming	83
33:57.26	Stan J Strebis	76	40.62 Michael A Laux	77	1:40.42	Robert F Norris	80	5:05.42	Alfred C Newbury	84
48:35.41	Jack Mitchell	79	41.05 Dave N Noble	75	1:42.66	Stan F Morner	84	■ 50 M. BREASTSTROKE		
■ 50 M. BACKSTROKE			41.33 Peter Andersen	75	■ 200 M. FREESTYLE		42.41	DAVID COSTILL	17	
33.87 RICHARD BURNS	18		41.45 David R Gildea	75	2:38.25	DAVID RADCLIFF	14	47.38	William M Zani	80
33.87 Richard Burns	75		41.79 Keefe L Lodwig	75	3:10.02	David A Radcliff	84	47.95	Karl E Wiedamann	80
39.74 Howard Rolston	78		42.21 George L Carey	76	3:12.20	Al Worth	83	48.99	Dick A Peterson	81
40.55 Robert S Smith	75	■ 100 M. BUTTERFLY			3:20.85	Cav Cavanaugh	83	49.30	David R McIntyre	81
40.55 David Vail	75	1:20.30 RICHARD BURNS	18		3:21.99	Ray G Martin	81	50.39	Jack C Fleming	83
40.70 Tony Ralphs	75	1:20.30 Richard Burns	75		3:27.28	Sid Hall	83	51.86	Hal F Stolz	84
42.86 Laurence Walker	75	1:37.50 Dave N Noble	75		3:36.38	Pete Magee	81	51.90	Bob Colyer	80
43.17 George J Quigley	78	1:45.86 Frank Williams	78		3:41.58	Steve Schloss	82	55.58	Ray Bellem	82
43.55 David W Oakes	78	1:50.03 Martin P Schenk	76		3:45.48	Michael A Dively	80	57.23	Lawrence Cohen	83
44.16 Jim B Brown	75	1:57.57 Tony Ralphs	75		3:51.23	Stan F Morner	84	58.02	Jerry A Katz	80
44.34 Dave N Noble	75	2:06.26 John Bergman	76		3:51.32	Bill Dykstra	81	■ 100 M. BREASTSTROKE		
■ 100 M. BACKSTROKE		2:16.15 Peter E Ronay	76		■ 400 M. FREESTYLE		1:36.79	DAVID COSTILL	16	
1:14.79 RICHARD BURNS	18	2:16.97 S Tapia-Perez	79		5:39.27	DAVID RADCLIFF	14	1:50.17	William M Zani	80
1:14.79 Richard Burns	75	2:30.09 John L Bell	76		6:27.25	David A Radcliff	84	1:50.71	Karl E Wiedamann	80
1:28.79 Tony Ralphs	75	2:37.46 Eugene A Hildreth	76		6:53.33	Ray G Martin	81	1:56.67	Hal F Stolz	84
1:29.22 Howard Rolston	78	■ 200 M. BUTTERFLY			7:01.92	Al Worth	83	1:56.87	Jack C Fleming	83
1:29.55 David Vail	75	3:30.32 DAVE NOBLE	18		7:39.81	William Fleming	83	2:00.92	Bob Colyer	80
1:32.73 Laurence Walker	75	3:30.32 Dave N Noble	75		8:02.33	Robert F Norris	80	2:05.41	Ray Bellem	82
1:34.45 Dave N Noble	75	3:41.12 David R Gildea	75		8:18.51	Laurence Houlgate	80	2:10.60	Lawrence Cohen	83
1:36.21 George J Quigley	78	3:43.40 Erik Lokensgard	76		8:20.23	Michael A Dively	80	2:14.48	Bill Kansas	82
1:37.79 Robert S Smith	75	3:48.33 Frank Williams	78		8:22.93	Hal F Stolz	84	2:16.75	Michael A Dively	80
1:40.46 David L Robinson	75	■ 100 M. INDIVIDUAL MEDLEY			8:38.55	Pete Palmer	83	2:28.75	Phil Cherry	80
1:42.50 Andrew R Cooke	75	1:17.58 MIKE FRESHLEY	16		8:53.27	Jack C Fleming	83	■ 200 M. BREASTSTROKE		
■ 200 M. BACKSTROKE		1:17.89 Richard Burns	75		■ 800 M. FREESTYLE		3:36.54	DAVID COSTILL	17	
2:44.04 RICHARD BURNS	18	1:23.43 Mike R Freshley	77		11:35.71	DAVID RADCLIFF	14	4:07.37	William M Zani	80
2:44.04 Richard Burns	75	1:25.84 Peter Andersen	75		12:57.39	David A Radcliff	84	4:15.71	Karl E Wiedamann	80
3:18.71 David Vail	75	1:29.43 Dave N Noble	75		13:50.03	Ray G Martin	81	4:22.73	Hal F Stolz	84
3:18.73 Laurence Walker	75	1:30.31 Howard Rolston	78		14:58.06	Al Worth	83	4:30.62	Jack C Fleming	83
3:21.01 Tony Ralphs	75	1:31.07 David Vail	75		17:13.89	Michael A Dively	80	4:39.21	Ray Bellem	82
3:26.13 Dave N Noble	75	1:31.16 David R Gildea	75		17:54.10	Laurence Houlgate	80	4:41.64	Bill Kansas	82
3:29.09 George J Quigley	78	1:33.70 Tony Ralphs	75		17:58.06	James Bowditch	81	5:18.59	Phil Cherry	80
3:29.44 Warner F Brundage	75	1:36.32 Will D Gosnold	78		18:35.02	Pete Palmer	83	5:31.81	Harold E Peter	84
3:34.31 David R Gildea	75	1:36.72 George L Carey	76		20:30.62	Steve Schloss	82	5:35.58	Ray Scharf	81
3:37.99 George L Carey	76	■ 200 M. INDIVIDUAL MEDLEY			21:49.76	David Gladfelter	82	5:59.36	Victor Sirbu	81
3:44.03 Artie Wolfe	78	2:50.79 RICHARD BURNS	18		25:36.61	Thomas Hogan	83	■ 50 M. BUTTERFLY		
■ 50 M. BREASTSTROKE		2:50.79 Richard Burns	75		■ 1500 M. FREESTYLE		38.92	CLARKE MITCHELL	13	
38.35 MIKE FRESHLEY	16	3:13.89 Mike R Freshley	77		21:59.53	DAVID RADCLIFF	14	49.35	David R McIntyre	81
38.59 Peter Andersen	75	3:24.82 Peter Andersen	75		24:13.46	David A Radcliff	84	51.28	Bob Colyer	80
39.90 Louis R Kronfeld	75	3:27.18 Dave N Noble	75		27:54.58	Dick A Peterson	81	51.72	Jack C Fleming	83
40.65 David R Gildea	75	3:36.09 Artie Wolfe	78		34:26.49	Pete Palmer	83	53.26	Paul F Crolley	83
41.52 Mike R Freshley	77	3:40.79 Tony Ralphs	75		43:04.20	David Gladfelter	82	55.70	Dick A Peterson	81
43.06 Dave N Noble	75	3:48.62 George J Quigley	78		68:25.00	Kirby Drawbaugh	81	58.36	George A Murphy	81
45.08 Andrew R Cooke	75	3:50.54 George L Carey	76		■ 50 M. BACKSTROKE		1:02.41	Pete Magee	81	
46.08 Kenneth McKinney	79	3:54.85 James A Pope	76		37.82	YOSHI OYAKAWA	14	1:05.83	Jerry A Katz	80
46.92 Martin P Schenk	76	4:09.85 Peter E Ronay	76		41.44	David Costill	82	1:08.98	John F Sulzbach	84
47.40 David Abineri	75	■ 400 M. INDIVIDUAL MEDLEY			43.35	Allan Charlton	81	1:10.13	Bill Kansas	82
48.65 Keefe L Lodwig	75	6:29.29 MIKE FRESHLEY	16		44.47	Keith Harries	80	■ 100 M. BUTTERFLY		
■ 100 M. BREASTSTROKE		6:56.83 Dave N Noble	75		46.04	David R McIntyre	81	1:35.58	DAVID COSTILL	16
1:25.38 MIKE FRESHLEY	16	7:05.59 Mike R Freshley	77		48.19	Mel E Goldstein	80	2:15.20	Bob Colyer	80
1:29.69 Peter Andersen	75	7:10.63 David R Gildea	75		48.62	John N Trainer	81	2:31.96	Ray Bellem	82
1:29.91 Mike R Freshley	77	8:17.75 Artie Wolfe	78		48.88	Bill Dykstra	81	2:59.51	Bill Kansas	82
1:31.25 David R Gildea	75	8:39.54 James A Pope	76		49.33	Dick A Peterson	81	3:05.54	James F Browne	80
1:33.22 Dave N Noble	75				50.36	Marshall R Greer	82	3:25.17	David Gladfelter	82
1:41.88 Andrew R Cooke	75				50.47	William Fleming	83	■ 200 M. BUTTERFLY		
1:44.39 Martin P Schenk	76				■ 100 M. BACKSTROKE		3:52.41	THOMAS MAINE	07	
1:44.60 Michael A Laux	77				1:23.24	DAVID COSTILL	17	4:52.09	Jack C Fleming	83
1:51.99 David Abineri	75	■ 50 M. FREESTYLE			1:27.78	David Costill	82	■ 100 M. INDIVIDUAL MEDLEY		
1:56.46 David C Arlander	77	31.25 JEFF FARRELL	17		1:43.76	Keith Harries	80	1:24.69	DAVID COSTILL	17
1:58.27 John T Pohlmann	75	35.55 Al Worth	83		1:45.40	Dick A Peterson	81	1:30.53	David Costill	82
■ 200 M. BREASTSTROKE		36.41 Cav Cavanaugh	83		1:52.26	William Fleming	83	1:43.73	Dick A Peterson	81
3:06.82 MIKE FRESHLEY	16	38.04 Michael A Dively	80		1:52.96	Robert F Norris	80	1:44.03	David R McIntyre	81
3:18.10 Mike R Freshley	77	39.82 Sid Hall	83		1:58.83	John N Trainer	81	1:47.76	Bob Colyer	80
3:21.53 Dave N Noble	75	40.79 David A Radcliff	84		2:02.08	Everett Smethurst	83	1:53.19	Hal F Stolz	84
3:26.36 David R Gildea	75	41.10 Jerry A Katz	80		2:02.61	Ray Bellem	82	1:53.38	Cav Cavanaugh	83
3:32.10 Peter Andersen	75	41.39 Bob Colyer	80		2:03.55	Pete Palmer	83	1:54.90	Pete Magee	81
3:53.10 Martin P Schenk	76	41.89 Lawrence Cohen	83		2:04.94	Marshall R Greer	82	1:59.94	Everett Smethurst	83
4:04.37 Bill Dawson	76	43.60 John N Trainer	81		■ 200 M. BACKSTROKE		2:01.02	Ray Bellem	82	
4:07.39 David Abineri	75	■ 100 M. FREESTYLE			3:07.44	DAVID COSTILL	17	2:08.09	Pete Palmer	83
4:14.23 David C Arlander	77	1:11.26	DAVID RADCLIFF	14	3:13.33	David Costill	82	■ 200 M. INDIVIDUAL MEDLEY		
4:16.49 John T Pohlmann	75	1:20.97	Al Worth	83	3:47.53	Keith Harries	80	3:17.29	DAVID COSTILL	16
4:38.35 Donald J Kroeger	75	1:24.42	Cav Cavanaugh	83	4:03.62	Robert F Norris	80	4:19.77	Jack C Fleming	83

5:21.61 Bill Kansas 82
 ■ 400 M. INDIVIDUAL MEDLEY
 7:14.71 DAVID COSTILL 16
 9:31.65 Jack C Fleming 83
 11:13.05 James F Browne 80
 11:28.17 Bill Kansas 82
 12:15.23 David Gladfelter 82

MEN 85-89

■ 50 M. FREESTYLE
 36.26 FRANK PIEMME 10
 40.37 Graham M Johnston 87
 40.55 Bob Best 86
 40.79 Richard I McClow 87
 43.52 Yoshi Oyakawa 85
 45.75 Tom Mitchell 85
 49.71 Frank T Manheim 88
 52.74 Steve Barrett 85
 52.95 Walter R Butler 86
 54.01 Albert H Woods 89
 54.04 Alan S Rapperport 85
 ■ 100 M. FREESTYLE
 1:23.20 JIM EUBANK 00
 1:32.02 Clarke E Mitchell 86
 1:33.59 Bob Best 86
 1:41.34 Robert J Cook 86
 1:43.98 Graham M Johnston 87
 1:45.00 Yoshi Oyakawa 85
 1:45.43 Glenn A Tewksbury 85
 1:46.96 Robert W Mayo 85
 1:47.57 Richard I McClow 87
 1:48.77 Tom Mitchell 85
 1:57.67 Steve Barrett 85
 ■ 200 M. FREESTYLE
 3:11.42 WALLIE JEFFRIES 16
 3:22.65 Graham M Johnston 87
 3:32.81 Bob Best 86
 3:46.98 Glenn A Tewksbury 85
 3:51.35 Robert W Mayo 85
 4:04.80 Tom Mitchell 85
 4:38.47 Alan S Rapperport 85
 4:41.55 Steve Barrett 85
 4:42.79 Jack R Fritz 85
 4:43.14 Walter R Butler 86
 4:50.94 Irwin W Stolz 89
 ■ 400 M. FREESTYLE
 6:53.90 WALLIE JEFFRIES 16
 7:31.03 Graham M Johnston 87
 8:24.80 Glenn A Tewksbury 85
 8:25.13 Robert W Mayo 85
 8:25.19 Tom Mitchell 85
 9:31.18 Howard Alkoff 85
 9:46.41 Alan S Rapperport 85
 9:51.65 Fred F Salzmans 86
 9:57.27 Irwin W Stolz 89
 10:54.67 Jack R Fritz 85
 11:09.31 Deane Malaker 86
 ■ 800 M. FREESTYLE
 14:04.48 WILLARD LAMB 08
 15:31.61 Graham M Johnston 87
 16:28.99 Glenn A Tewksbury 85
 24:13.92 Jack R Fritz 85
 ■ 1500 M. FREESTYLE
 28:07.95 GRAHAM JOHNSTON 16
 32:06.87 Robert W Mayo 85
 39:43.25 Irwin W Stolz 89
 ■ 50 M. BACKSTROKE
 41.75 CLARKE MITCHELL 17
 43.30 Yoshi Oyakawa 85
 43.42 Clarke E Mitchell 86
 53.23 Bob Best 86
 54.33 Robert W Mayo 85
 55.10 Frank T Manheim 88
 1:00.41 Steve Barrett 85
 1:01.18 Glenn A Tewksbury 85
 1:01.47 Fred F Salzmans 86
 1:04.55 Walter R Butler 86
 1:06.90 Alan S Rapperport 85

■ 100 M. BACKSTROKE
 1:32.98 CLARKE MITCHELL 17
 1:46.04 Clarke E Mitchell 86
 1:53.37 Yoshi Oyakawa 85
 1:59.53 Robert W Mayo 85
 2:08.15 Frank T Manheim 88
 2:14.85 Fred F Salzmans 86
 2:15.12 Glenn A Tewksbury 85
 2:27.70 Walter R Butler 86
 2:28.01 Donald Soroka 86
 2:32.86 Tom Mitchell 85
 2:35.05 Alan S Rapperport 85
 ■ 200 M. BACKSTROKE
 3:55.12 WILLARD LAMB 08
 4:13.40 Bob Best 86
 4:32.87 Robert W Mayo 85
 4:41.09 Fred F Salzmans 86
 5:01.83 Glenn A Tewksbury 85
 ■ 50 M. BREASTSTROKE
 47.24 FRANK PIEMME 10
 51.97 Bob Best 86
 55.36 Richard I McClow 87
 1:01.37 Albert H Woods 89
 1:03.80 Barry T Galvin 85
 1:07.27 Tom Mitchell 85
 1:11.59 Donald Soroka 86
 1:17.27 Frank B Nieman 86
 1:17.91 Jack R Fritz 85
 1:22.87 Irwin W Stolz 89
 1:23.15 Walter R Butler 86
 ■ 100 M. BREASTSTROKE
 1:53.02 FRANK PIEMME 10
 2:27.26 Albert H Woods 89
 2:27.56 Robert J Cook 86
 2:32.56 Steve Barrett 85
 2:34.57 Barry T Galvin 85
 2:34.74 Tom Mitchell 85
 2:50.48 Frank B Nieman 86
 2:55.07 Donald Soroka 86
 3:38.31 Don P Jelinek 85
 5:00.10 Richard H Reuben 88
 ■ 200 M. BREASTSTROKE
 4:05.91 FRANK PIEMME 10
 4:35.25 Bob Best 86
 5:10.82 Tom Mitchell 85
 5:53.28 Robert J Cook 86
 6:07.46 Frank B Nieman 86
 6:34.93 Fred F Salzmans 86
 10:27.68 Richard H Reuben 88
 ■ 50 M. BUTTERFLY
 43.35 MAX VON ISSER 04
 46.47 Clarke E Mitchell 86
 51.49 Bob Best 86
 1:06.78 Tom Mitchell 85
 1:07.26 Arnold Meardon 88
 1:14.37 Steve Barrett 85
 ■ 100 M. BUTTERFLY
 1:53.70 THOMAS MAINE 10
 No Swimmers
 ■ 200 M. BUTTERFLY
 3:44.92 THOMAS MAINE 10
 No Swimmers
 ■ 100 M. INDIVIDUAL MEDLEY
 1:41.31 CLARKE MITCHELL 18
 1:41.31 Clarke E Mitchell 86
 1:47.63 Bob Best 86
 2:00.85 Graham M Johnston 87
 2:04.40 Richard I McClow 87
 2:05.38 Tom Mitchell 85
 2:28.79 Arnold Meardon 88
 ■ 200 M. INDIVIDUAL MEDLEY
 3:50.46 FRANK PIEMME 10
 4:06.08 Bob Best 86
 4:46.56 Tom Mitchell 85
 5:26.05 Steve Barrett 85
 ■ 400 M. INDIVIDUAL MEDLEY
 8:12.94 THOMAS MAINE 10
 No Swimmers

MEN 90-94

■ 50 M. FREESTYLE
 41.07 WOODROW BOWERSOCK 03
 56.97 John D Corse 94
 1:01.09 August Motmans 91
 1:01.96 John E Cornell 91
 1:05.91 John R Daily 91
 1:06.16 Albert Edgerton 93
 1:15.05 Jordan B Wolle 90
 ■ 100 M. FREESTYLE
 1:39.26 WOODROW BOWERSOCK 03
 2:26.15 John R Daily 91
 2:26.50 John E Cornell 91
 ■ 200 M. FREESTYLE
 3:46.17 WILLARD LAMB 14
 8:43.81 Jordan B Wolle 90
 ■ 400 M. FREESTYLE
 7:44.83 WILLARD LAMB 14
 No Swimmers
 ■ 800 M. FREESTYLE
 16:04.18 WILLARD LAMB 14
 No Swimmers
 ■ 1500 M. FREESTYLE
 30:41.82 WILLARD LAMB 14
 No Swimmers
 ■ 50 M. BACKSTROKE
 55.25 JOHN MERRILL 07
 1:11.46 John E Cornell 91
 1:20.35 John R Daily 91
 1:20.78 Jordan B Wolle 90
 1:21.76 John D Corse 94
 ■ 100 M. BACKSTROKE
 1:59.76 WILLARD LAMB 13
 2:45.21 John E Cornell 91
 2:52.78 John R Daily 91
 ■ 200 M. BACKSTROKE
 4:17.86 WILLARD LAMB 14
 5:02.43 Thomas O Maine 93
 6:07.62 John R Daily 91
 ■ 50 M. BREASTSTROKE
 1:01.60 JOHN CORSE 14
 1:08.18 August Motmans 91
 1:16.16 John D Corse 94
 1:23.85 John E Cornell 91
 1:42.87 Hans J Hellmann 91
 ■ 100 M. BREASTSTROKE
 2:36.06 THOMAS MAINE 15
 4:00.78 Hans J Hellmann 91
 ■ 200 M. BREASTSTROKE
 5:19.20 THOMAS MAINE 15
 8:31.50 Hans J Hellmann 91
 ■ 50 M. BUTTERFLY
 56.09 WALTER PFEIFFER 03
 No Swimmers
 ■ 100 M. BUTTERFLY
 2:21.82 WALTER PFEIFFER 03
 No Swimmers
 ■ 200 M. BUTTERFLY
 5:24.08 THOMAS MAINE 15
 No Swimmers
 ■ 100 M. INDIVIDUAL MEDLEY
 2:08.35 THOMAS MAINE 15
 2:18.68 Thomas O Maine 93
 ■ 200 M. INDIVIDUAL MEDLEY
 4:36.45 THOMAS MAINE 16
 5:09.42 Thomas O Maine 93
 ■ 400 M. INDIVIDUAL MEDLEY
 9:39.56 THOMAS MAINE 15
 10:54.04 Thomas O Maine 93

MEN 95-99

■ 50 M. FREESTYLE
 45.47 WILLARD LAMB 17
 49.14 Willard J Lamb 96
 1:09.64 Jurgen B Schmidt 95
 1:13.74 Edwin H Graves 95

■ 100 M. FREESTYLE
 1:47.23 WILLARD LAMB 17
 1:49.44 Willard J Lamb 96
 2:34.73 Jurgen B Schmidt 95
 3:14.60 Edwin H Graves 95
 ■ 200 M. FREESTYLE
 3:56.49 WILLARD LAMB 17
 4:04.04 Willard J Lamb 96
 ■ 400 M. FREESTYLE
 8:13.42 WILLARD LAMB 17
 8:26.89 Willard J Lamb 96
 ■ 800 M. FREESTYLE
 16:56.22 WILLARD LAMB 17
 17:31.07 Willard J Lamb 96
 ■ 1500 M. FREESTYLE
 31:56.67 WILLARD LAMB 17
 33:07.44 Willard J Lamb 96
 ■ 50 M. BACKSTROKE
 55.60 WILLARD LAMB 17
 58.07 Willard J Lamb 96
 1:17.47 Jurgen B Schmidt 95
 1:17.63 Edwin H Graves 95
 ■ 100 M. BACKSTROKE
 2:04.72 WILLARD LAMB 17
 2:08.35 Willard J Lamb 96
 ■ 200 M. BACKSTROKE
 4:24.83 WILLARD LAMB 17
 4:27.57 Willard J Lamb 96
 ■ 50 M. BREASTSTROKE
 1:13.72 RUSS WITTE 11
 1:36.18 Jurgen B Schmidt 95
 2:27.86 Robert R Doud 95
 ■ 100 M. BREASTSTROKE
 3:03.57 RUSS WITTE 11
 5:03.09 Robert R Doud 95
 ■ 200 M. BREASTSTROKE
 6:14.84 RUSS WITTE 11
 No Swimmers
 ■ 50 M. BUTTERFLY
 2:02.24 ROBERT DOUD 18
 2:02.24 Robert R Doud 95
 ■ 100 M. BUTTERFLY
 5:36.78 ROBERT DOUD 18
 5:36.78 Robert R Doud 95
 ■ 200 M. BUTTERFLY
 11:08.68 ROBERT DOUD 18
 11:08.68 Robert R Doud 95
 ■ 100 M. INDIVIDUAL MEDLEY
 2:39.39 WILLARD LAMB 17
 No Swimmers
 ■ 200 M. INDIVIDUAL MEDLEY
 9:50.55 WALTER PFEIFFER 08
 10:39.89 Robert R Doud 95
 ■ 400 M. INDIVIDUAL MEDLEY
 21:03.17 WALTER PFEIFFER 08
 No Swimmers

MEN 100-104

■ 50 M. FREESTYLE
 2:06.66 TOM LANE 95
 No Swimmers
 ■ 100 M. FREESTYLE
 4:32.29 TOM LANE 95
 No Swimmers
 ■ 50 M. BACKSTROKE
 2:02.52 TOM LANE 95
 No Swimmers

WOMEN'S RELAYS

200 M. FREE REL WOMEN 72+

GOLDEN ROAD AQUA 1:51.69 17

MEGAN JEX
CAITLIN HECKER
OLGA PISKUNOVA
L IBANEZ LOPEZ

PSM 2:08.56

Hannah Simurdak 21
Emily K Deardorff 21
Julie N Moss 19
Rebekah Pusateri 20

PSM 2:20.92

Anna L Novack 21
Megan E Shomaker 19
Kasey Cruz 20
Caroline Baber 22

MEMO 2:21.64

Miriam B Benjamin 22
Hannah Peter 29
Nora A Laszlo 20
Ruebner-Petersen 21

AWLM 2:34.54

Gina M Grant 20
Sara E Slawta 25
Edith M Reynolds 22
Leslie N Cichocki 30

200 M. MEDLEY R WOMEN 72+

WALNUT CREEK MAS 2:07.15 09

CHRISTINA MCGOWAN
REBECCA TUKUA
MARY STREUMPF
ALEXANDRA LEE

PSM 2:21.72

Emily K Deardorff 21
Rebekah Pusateri 20
Hannah Simurdak 21
Emily J Murray 22

PSM 2:33.08

Megan E Shomaker 19
Julie N Moss 19
Caroline Baber 22
Madelynn R Sare 22

MEMO 2:41.79

Nora A Laszlo 20
Nicole D Dana 31
Arolyn Basham 24
Miriam B Benjamin 22

AWLM 3:10.54

Leslie N Cichocki 30
Sara E Slawta 25
Edith M Reynolds 22
Gina M Grant 20

400 M. FREE REL WOMEN 72+

THE OLYMPIC CLUB 3:58.11 10

ERIN REILLY
MEG GILL
O'DONNELL-MCCARTHY
BROOKE BISHOP

MEMO 5:10.34

Nora A Laszlo 20
Arolyn Basham 24
Nicole D Dana 31
Miriam B Benjamin 22

AWLM 5:48.83

Gina M Grant 20
Sara E Slawta 25
Edith M Reynolds 22
Leslie N Cichocki 30

400 M. MEDLEY R WOMEN 72+

METRO MASTERS SW 4:42.04 04

KATHERINE FAY
MEGAN GRIFFIS
SANDY ENDO
ERIN ABBEY

AWLM 6:49.66

Leslie N Cichocki 30
Sara E Slawta 25
Edith M Reynolds 22
Gina M Grant 20

800 M. FREE REL WOMEN 72+

TERRAPIN MASTERS 9:11.28 04

LILLIAN HNATH
KELLY BOWMAN
JENNIFER TEERLINK
MEREDITH STAKEM

No Relays

200 M. FREE REL WOMEN 100+

MICHIGAN MASTERS 1:45.93 96

DYNE BURRELL
SUSIE DEVLIN
MARY MUETING
SHEILA TAORMINA

MINN 1:56.65

Allison W Hable 26
Katherine Kaiser 27
Elizabeth Nymeyer 36
Mikayla M Beuch 24

NEM 1:59.19

Alana M Aubin 28
Joan A Hudak 29
Jessica Ryabin 24
Molly A Smith 27

XCL 2:03.85

Samantha Reilly 24
Olivia Myszkowski 25
Nicole A Mulligan 28
Donna Zak 36

NASH 2:06.94

Lauren E Matevish 27
Lexie A Ward 24
Alex Leandri 26
Jessica Cutler 26

ROSE 2:13.05

Gina Sereno 23
Stefanie Capizzi 31
Lauren Turner 26
Anna Freeman 31

PSM 2:16.19

Katie A Kaestner 24
Jillian R Dees 35
Sarah Wheatley 31
Rachel J Omdal 19

NASH 2:44.09

Hannah Harmsen 28
S Carpenter 27
Poppy Blaseio 32
Shannon ST Marie 25

200 M. MEDLEY R WOMEN 100+

THE OLYMPIC CLUB 2:02.98 12

O'DONNELL-MCCARTHY
KATY HOUSTON
ERIN REILLY
CARA DAVIDOFF

ROSE 2:10.11

Lauren Turner 26
Michelle K Duraj 26
Stefanie Capizzi 31
Lauren Frendreis 29

MINN 2:18.24

Katherine Kaiser 27
Allison W Hable 26

Elizabeth Nymeyer 36

Mikayla M Beuch 24
WCM 2:20.21
Heather Tiernan 35
Teasdale-Schafle 26

Lindsay Gaudinier 29

Joann Liang 26
PALM 2:28.55
Mary Gardner 26
K Gasparovic 31

Sadie Fieni 28

A Betenbaugh 33
GRA 2:39.87
Catherine Higley 27
Adrine L Bimanand 32

Laura M Reilly 23

Savannah Simmons 24
PSM 2:41.39
Jillian R Dees 35
Rachel J Omdal 19

Katie A Kaestner 24

Sarah Wheatley 31
NEM 2:47.44
Danielle M Caron 27
Jessica Daigle 23

Allison T Ryan 24

Marta Forté 31

400 M. FREE REL WOMEN 100+

BOSTON UNIVERSIT 4:04.38 14

KELSEY WILSON
KELSEY ROGGENSACK
ILDIKO SZEKELY
ELIZABETH MANCUSO

ROSE 4:50.17

Michelle K Duraj 26
Lauren Frendreis 29
Stefanie Capizzi 31
Anna Freeman 31

400 M. MEDLEY R WOMEN 100+

ARIZONA MASTERS 4:34.40 10

KELLY HARRIGAN
HANNAH CALDAS
LINDSEY URBATCHKA
WHITNEY WARMAN

NEM 5:03.50

Joan A Hudak 29
Molly A Smith 27
Heather Mills 35
Jessica Ryabin 24

ROSE 5:11.44

Stefanie Capizzi 31
Michelle K Duraj 26
Lauren Frendreis 29
Gina Sereno 23

800 M. FREE REL WOMEN 100+

ARIZONA MASTERS 8:58.27 11

HANNAH CALDAS
SHAUNA NELSON
LINDSEY URBATCHKA
KELLY HARRIGAN

MEMO 12:11.14

Ruebner-Petersen 21
Paula Te 29
Leah E Williams 37
Miriam B Benjamin 22

200 M. FREE REL WOMEN 120+

RED TIDE OF NYC 1:51.99 11

KAITLIN MOUGHTY
NANCY JO
KRISTIN GARY
SUSAN WAGER

PALM 2:00.77

Erin C Moro 40
A Betenbaugh 33
Kari Yocum 41
Sadie Fieni 28

WCM 2:01.33

Teasdale-Schafle 26
Heather Tiernan 35
Laura A Lawrence 38
Lindsay Gaudinier 29

NEM 2:03.13

Keri Nappi 40
Stephanie Winslow 37
Angelina Bonin 33
Heather Ireland 28

GBM 2:05.30

Crystie McGrail 34
Sarah Weeman 38
Tara J Mack 46
Kristine L Trutor 30

MINN 2:05.35

Elizabeth Nymeyer 36
C Fittipaldi 25
Monica Churchill 44
Stacey Thureen 36

PBM 2:06.91

Kingberly Perez 27
C Raininger 28
Caitlin G Dundey 30
Lisa Blackburn 47

PSM 2:08.47

Morena I Calvo 31
Allison L Cox 34
Erin C McPeak 38
Kathy Pelham 45

NEM 2:09.51

Ginger B Howell 33
Alyson Fletcher 33
Cindy Su 24
Jennifer Downing 40

DCAC 2:10.05

Jillian Ames 27
Noura Hemady 32
Alexis Philbrick 25
Sheila A Walsh 48

LVM 2:11.23

Kasey Marks 23
Angela Barbaryan 26
Kari S Jauch 52
Karin M Wegner 46

200 M. MEDLEY R WOMEN 120+

RED TIDE OF NYC 2:04.31 09

KRISTIN GARY
TAL SHPAIZER
FALL WILLEBOORDSE
SUSAN WAGER

UMAC 2:11.92

Courtney Randolph 27
Marlena L Tonelli 30
Laura C Rose 32
Mollie K Grover 37

NASH 2:13.97

Jessica Cutler 26
Ashley A Whitney 39
Lauren E Matevish 27
Ellen Blasing 28

NEM 2:15.43

Joan A Hudak 29
Jennifer Downing 40
Alana M Aubin 28
Molly A Smith 27

LVM 2:16.34

Melissa Giovanni 39
Kasey Marks 23
Susan Hitch 40
Mary Lee 36

PSM 2:19.17

Kristine A Cox 40
Jenny Ferries 37

Erin C McPeak	38	400 M. MEDLEY R WOMEN 120+	Sarah J Rogers	42	SDSM	2:29.19	
Morena I Calvo	31		Nancy C Vincent	59	Lisa Souders	44	
DAM	2:22.96	MISSION VIEJO MA 4:33.44 09	SCAQ	2:12.56	Kendra E Wilson	37	
LillyBelle K Deer	25	AHELEE SUE OSBORN	Marci Baun	50	Maya M Holay	23	
Jennifer L Mohn	27	CYNTHIA LEWIS	Romina Caristo	41	Marieke Thayer	57	
Sarah M Hernandez	34	REBEKAH OLSEN	Abigail Rea	45	WMST	2:32.40	
M Belluomini	41	KIMBERLEE FRITH	Ana Fradkin	45	Christina M Toth	38	
ROSE	2:26.59	MINN	5:04.45	NEM	2:13.73	Carolyn Boak	73
Brooke Bennett	30	Katherine Kaiser	27	Elizabeth F Scott	56	Amanda Alspaugh	23
Katie M Benson	23	Stacey Thureen	36	Brooke M O'Connor	44	Jessica H Platt	41
Meghan ODonnell	35	C Fittipaldi	25	Beth H Eggimann	57	SCYM	2:33.65
Amy P Parker	42	Elizabeth Nymeyer	36	Lianne E Nihan	30	Megan Stolarski	40
OREG	2:26.78	NEM	5:11.21	MWA	2:15.52	Paola Morchio	42
J Santana Torres	29	Jennifer Downing	40	Karin Meyerfreund	50	Alison S Hayden	47
Sarah J Rogers	42	Alyson Fletcher	33	Mara Azevedo	47	Ellen M Ryan	44
Maresa Jackson	39	Ginger B Howell	33	Kenia Puertas	39	ARIZ	2:34.60
Tralee M Thorn	36	Alana M Aubin	28	A Szczerban	42	K St. Sauveur	30
MEMO	2:30.47	GBM	5:20.00	MMAC	2:17.00	Sara Keeling	52
Laura M Condon	32	Kristine L Trutor	30	Lacey Strickland	48	Lisa D Maynard	49
Marley O Reilly	36	Emily L Cook	32	Jenni Gramstad	29	Karen Marshall	48
Hannah Peter	29	Crystie McGrail	34	Sara Dunn	51		
Nia B Doyle	37	Sarah Weeman	38	Susan M Jurek	55		
SCHS	2:37.04	ROSE	5:33.79	YCFM	2:17.75		
Haley E Sheafor	24	Brooke Bennett	30	Cory Trusty	42	400 M. FREE REL WOMEN 160+	
Julie Chalupsky	40	Katie M Benson	23	Cathy Shonkwiler	58	RED TIDE OF NYC 4:03.25 09	
Martha LeVeen	41	Meghan ODonnell	35	Danielle M Zepess	44	FALL WILLEBOORDSE	
Sara Mello	42	Amy P Parker	42	Sabrina Campbell	42	JANE KELSEY	
		WH20	5:37.31	BWAQ	2:18.92	SUSAN WAGER	
400 M. FREE REL WOMEN 120+		E Vucinich	38	Rondamarie Smith	48	KRISTIN GARY	
RED TIDE OF NYC 4:09.95 08		Keely MacDonald	29	Wendy Noffke	45	SCAQ	4:35.21
SUSAN WAGER		Juliet Suess	26	Nellis Y Kim	48	Shirley K Fladoos	46
KELLY MCPHERSON		Jessica W Seaton	65	Chelsea Chan	26	R Pescatori	47
TAL SHPAIZER		TNYA	5:54.42	PSM	2:20.44	Rachel R Pinto	41
KRISTIN GARY		Emma S Hansen	36	Mary C Armstrong	51	Ana Fradkin	45
LVM	4:21.15	Jess Jiang	32	Kristen M Curry	53	LASH	4:35.53
Melissa Giovanni	39	Amanda S Eckler	42	Samantha Brown	41	Erin Orben	34
Susan Hitch	40	Judy Stephens	33	MarySue Balazic	51	Mandy Lovett	43
Kasey Marks	23	MEMO	6:04.80	LASH	2:20.95	C Messenlehner	43
Mary Lee	36	Nia B Doyle	37	Emily Palmieri	39	Mary Kay Krause	41
NEM	4:31.66	Marley O Reilly	36	Mandy Lovett	43	NEM	4:40.42
Ginger B Howell	33	Elizabeth A Flynn	39	Alicia Zaffiro	47	Melinda Williams	37
Jennifer Downing	40	Kelly Schley	39	Mary Kay Krause	41	Karen M Mareb	60
Joan A Hudak	29					Karin E Stokes	57
Alana M Aubin	28	800 M. FREE REL WOMEN 120+				Kysa M Crusco	42
MINN	4:32.23	RED TIDE OF NYC 8:56.27 11		200 M. MEDLEY R WOMEN 160+		GRA	5:04.13
Katherine Kaiser	27	KAITLIN MOUGHTY		SAN DIEGO SWIM M 2:06.09 03		Hillary C Thomas	36
Stacey Thureen	36	SUSAN WAGER		K PIPES-NEILSEN		Heidi I Sheaks	49
C Fittipaldi	25	KRISTIN GARY		CAROLINE KRATTLI		Kate Hibbard	34
Elizabeth Nymeyer	36	NANCY JO		JANET COOVER		Heather Mikels	50
ARIZ	4:33.88	LVM	9:37.23	VICKY DAVIDSON		NEM	5:12.28
Hilary Ottaviano	27	Mary Lee	36	NCMS	2:11.65	Erin Checka	38
Karen Marshall	48	Susan Hitch	40	Kerry Lindauer	44	Romaine Randall	61
K St. Sauveur	30	Kasey Marks	23	Sara Dunn	46	Jennifer Barlow	52
Marina Spadoni	25	Melissa Giovanni	39	Alicia K Uhl	41	E Weinberger	23
WCM	4:34.39	PBM	11:48.01	Karen M Stump	40	PSCM	5:12.66
Lindsay Gaudinier	29	Kingberly Perez	27	YCFM	2:18.95	Elizabeth Mullins	37
Teasdale-Schafle	26	Caitlin G Dundey	30	Sabrina Campbell	42	Noriko Inada	40
Heather Tiernan	35	Ingrid Bon	48	Cathy R Hoff	58	Valerie A Rottman	55
Laura A Lawrence	38	Cathy W Goodwin	53	Julie C Kamat	31	Kathleen M Norman	60
PSM	4:41.45	MEMO	12:14.58	Cathy Shonkwiler	58	LVM	5:17.72
Allison L Cox	34	Elizabeth A Flynn	39	AWJ	2:22.32	Megan M Andrus	37
Kristine A Cox	40	Marley O Reilly	36	Malena B Hankins	45	YoLanda Palmer	40
Kristen M Mann	32	Sarah Lindahl	42	Britta O'Leary	34	Amy Ziemba	45
Erin C McPeak	38	Nia B Doyle	37	Leann M Rossi	52	Dara Goldsmith	52
MEMO	4:51.18			M Countryman	54	NCMS	5:33.06
Laura M Condon	32	200 M. FREE REL WOMEN 160+		PALM	2:24.08	Erika L Braun	46
Marley O Reilly	36	NORTH CAROLINA M 1:48.08 13		Kari Yocum	41	Dana M Greene	49
Nicole Sroka	35	SUE WALSH		Stacey L Bruce	44	Carol M Gregory	53
Nia B Doyle	37	JENNIFER STRINGER		C Hallman-Kenner	53	V Gratsou-Zodl	48
SPP	5:06.87	ALICIA UHL		Jamie W Wilson	52	WCM	5:35.66
Ariel Baugh	29	ERIKA BRAUN		SCAQ	2:24.31	A Kelly Smethurst	51
Katie Adler	33	AWJ	2:05.40	Amy L Kupic	51	Colleen M Darling	44
Dolly Wisco	37	Britta O'Leary	34	Shirley K Fladoos	46	Kelly H Stynes	47
Karen Younkins	32	Ann Colloton	50	Ana Fradkin	45	P Zuppan-Hood	54
MEMO	5:49.57	M Countryman	54	Rachel R Pinto	41	MEMO	5:36.06
Kathleen Kirkeby	28	Leann M Rossi	52	NEM	2:29.11	Elizabeth A Flynn	39
Emily Encina	33	OREG	2:10.97	Karin E Stokes	57	Sunne A Clarke	44
Sarah Lindahl	42	J Santana Torres	29	Beth A Estel	62	Alicia Choury	46
Hannah Peter	29	Maresa Jackson	39	Melinda Williams	37	Sarah K Stretch	39
				Kysa M Crusco	42		

400 M. MEDLEY R WOMEN 160+	GERM	10:46.61	Jennifer R Phalen	54	Laura E Delorey	56
	Denise L Dombay	52	Jane E Russell	55	CJ Dickson	55
SAN DIEGO SWIM M 4:43.31 98	Johanna Schneider	45			MEMO	5:07.98
K PIPES-NEILSEN	Dorota M Hassett	41	200 M. MEDLEY R WOMEN 200+		Catha A Worthman	50
CAROLINE KRATTLI	Lisa M Chin	37			Vicki Shu	50
BARBARA DUNBAR	SKY	10:58.98	NORTH TEXAS LONE 2:13.25 15		Louise Rafkin	60
BETH KNIGHT	Ella M Morris	26	STEPHANIE STONE		Clare P Burger	51
LASH	Alexandra Nieto	46	LISA MIZE		WCM	5:14.25
Mary Kay Krause	Margaret Phillips	45	MAUREEN REA		Lisa A Ward	54
Mandy Lovett	Shannon Thomas	51	LYNN MORRISON		Danielle Boone	53
Erin Orben	MEMO	11:18.71	CVMM	2:17.47	Catherine Taylor	55
C Messenlehner	Y De la Torre	48	Beata M Konopka	49	Debbie M Santos	50
PSCM	Jessica E Moll	46	J Weideman	52	ROSE	5:25.66
Noriko Inada	Vicki Shu	50	Arlette A Godges	54	N Doudikian-Scaff	48
Valerie A Rottman	Stacy L Readal	41	Becky Cleavenger	55	Carol L Snell	52
Elizabeth Mullins	DAM	11:22.40	PALM	2:17.80	Cecilie Boysen	54
Kathleen M Norman	Jennifer R Phalen	54	Brenda E Shaw	51	Fiona Harwich	56
SCAQ	Helene Nehrebecki	38	E De Herder	60	SLAM	5:34.77
Marci Baun	M Belluomini	41	Erin C Moro	40	Lori F Lynn	25
Romina Caristo	Jennifer L Mohn	27	M Elias-Williams	54	S Petersen	56
Abigail Rea	ROSE	12:43.25	SYSM	2:23.22	Mary M Pohlmann	73
Ana Fradkin	Kristin P Bennett	61	Ann H Guins	65	Teresa W McDowell	68
LVM	Cecilie Boysen	54	Casey M Keiber	41	GBM	5:46.13
Dara Goldsmith	Fiona Harwich	56	Melissa D Varlas	45	Emily L Cook	32
Yolanda Palmer	Michelle K Duraj	26	Nancy Kryka	63	Gail H Pentheny	56
Megan M Andrus			SPM	2:24.76	Mary Thomas	56
Amy Ziemba	200 M. FREE REL WOMEN 200+		Paula M Texel	48	Sally L Gallagher	57
ROSE	NORTH TEXAS LONE 1:55.60 15		Livia L Zien	52	NEM	5:48.49
Elizabeth Jenkins	MAUREEN REA		Karen L Westerman	51	Sue Jensen	58
Heidi G Khalil	STEPHANIE STONE		Cheryl A Kupan	54	Lisa Rourke	56
Meghan ODonnell	LYNN MORRISON		WCM	2:32.13	Maura Twomey	62
Nancy L Leichter	KRISTIN HENDERSON		Lisa A Ward	54	Sue C Garland	49
HOPK	CVMM	2:02.78	Debbie M Santos	50	MEMO	5:49.77
Julie Salamzadeh	Becky Cleavenger	55	Danielle Boone	53	Christina Cavalli	50
Joan M Casey	J Weideman	52	Lindsey A Cannon	52	Kim J Krause	56
Frimerman-Bergqui	Beata M Konopka	49	LVM	2:32.87	Kimberley O'Keefe	53
Susan M Hilal	Arlette A Godges	54	Michelle Ashworth	55	Tina M Voight	49
GRA	PALM	2:06.95	Karin M Wegner	46		
Christine Hammond	E De Herder	60	Kari S Jauch	52	400 M. MEDLEY R WOMEN 200+	
Heidi I Sheaks	Jamie Zazella	42	J Saul-Zachau	60	NORTH TEXAS LONE 4:48.61 15	
Hillary C Thomas	Stacey L Bruce	44	MEMO	2:33.14	STEPHANIE STONE	
Heather Mikels	M Elias-Williams	54	Clare P Burger	51	MAUREEN REA	
GBM	WCM	2:14.04	Catha A Worthman	50	LISA MIZE	
Melody Miller	Alison H Zamanian	48	Vicki Shu	50	LYNN MORRISON	
Karen M Grant	Danielle Boone	53	Louise Rafkin	60	NCMS	5:01.22
Gail H Pentheny	Debbie M Santos	50	PSCM	2:34.75	Maria E Vazquez	53
Sally L Gallagher	Lisa A Ward	54	Marika W McCue	55	Dale M Alton	61
NEM	NCMS	2:14.71	B Creswell Liotta	56	Erika L Braun	46
Terri Ruggiero	Sara Dunn	46	Elizabeth Mullins	37	Mary G Dore	55
Marianne McNamara	Carol M Gregory	53	Valerie A Rottman	55	SPM	5:12.03
Meghan A Wellman	Beverly O Amick	64	MMAC	2:36.36	Paula M Texel	48
Lisa Spitz	Kerry Lindauer	44	Shawn M Rodrigues	53	Livia L Zien	52
CONN	NEM	2:14.71	Sara Dunn	51	Karen L Westerman	51
Melissa Duguay	Marcia A Witkus	48	Linda A Buchanan	61	C Petersen	54
Pam Henry Moss	CJ Dickson	55	Joanne Menard	70	CVMM	5:31.85
Ally Sega	Laura E Delorey	56	FREM	2:36.75	Beata M Konopka	49
Veronica Suleski	Mary M Pasquale	52	Nadine Aoun	46	J Weideman	52
	PSCM	2:16.44	Lucille Glassman	55	Deanna C Koehler	49
800 M. FREE REL WOMEN 160+	Marika W McCue	55	S Konkol-Zamir	48	Niki F Stokols	61
RED TIDE OF NYC 8:56.55 09	Elizabeth Mullins	37	Claiborne M Brown	55	NEM	5:33.20
JANE KELSEY	Valerie A Rottman	55	400 M. FREE REL WOMEN 200+		Beth A Estel	62
FALL WILLEBOORDSE	Kathleen M Norman	60	PUGET SOUND MAST 4:21.32 15		Karen M Mareb	60
SUSAN WAGER	PALM	2:17.57	CHARLOTTE DAVIS		Christina Baudis	42
KRISTIN GARY	Jamie W Wilson	52	ZENA COURTNEY		Karin E Stokes	57
AWJ	K Gasparovic	31	LIANNA DOHERTY		LVM	5:40.95
M Countryman	Brenda E Shaw	51	AMY MOORHEAD		Michelle Ashworth	55
Malena B Hankins	Dana B Brown	71	LVM	4:47.29	Karin M Wegner	46
Leann M Rossi	LVM	2:18.92	Kari S Jauch	52	Kari S Jauch	52
Britta O'Leary	Michelle Ashworth	55	Michelle Ashworth	55	J Saul-Zachau	60
LASH	Pamela A Ivey	57	J Saul-Zachau	60	ROSE	5:44.77
Mary Kay Krause	Dara Goldsmith	52	Karin M Wegner	46	Kim O'Grady	57
Mandy Lovett	J Saul-Zachau	60	SYSM	4:54.76	Ursula Angell	46
C Messenlehner	ARIZ	2:22.41	Rebecca A Aten	42	Cecilie Boysen	54
Erin Orben	K Blankenship	49	Cathy A Fedako	57	Kate Chambers	43
WCM	Laura Machado	49	Nancy Kryka	63	SYSM	6:00.94
Heather Tiernan	Susie Downey	57	Jo-Ann Elo	57	Cathy A Fedako	57
Bonnie M Bilich	Deborah S Gardner	59	NEM	5:07.57	Casey M Keiber	41
Kara L Gray	DAM	2:22.73	Mary M Pasquale	52	Rebecca A Aten	42
Laura A Lawrence	Mary J Kahn	59	Marcia A Witkus	48	Mary S Carbonaro	64
	Cecily Sprouse	62				

ANCM	6:06.22	GOLD	2:13.18	Amy Koeppe	44	TTEX	8:08.72
Kristen A Koehler	38	Debbie Cavanaugh	60	Rose W Carney	69	Virginia N Webber	64
Margot Pettijohn	72	Celia C Devanney	61	PSM	3:10.60	Gj Lee	68
Holly A Donnelly	46	Lydia S Seier	62	Andrea M Hunt	70	Rae-Ann F Allong	58
Nanci K Sundel	53	Peggy H McDonnell	63	Wendy E Hoffman	56	Constance George	58
MMAC	6:17.73	PBM	2:14.11	Kate Carruthers	70		
Shawn M Rodrigues	53	Chris Wenzel	59	Andrea D Lynott	57	400 M. MEDLEY R WOMEN	240+
Cynthia G Clutter	58	Darcy LaFountain	63	SYSM	3:13.93	OREGON MASTERS	5:12.09 18
Susan M Jurek	55	Joan P Craffey	65	Chris S Gilligan	75	K ANDRUS-HUGHES	
Helen Kurtz	58	Fran E Hare	68	Carol Mitchell	69	COLETTE CRABBE	
YCFM	6:26.20	ARIZ	2:21.86	Daphne R Elliott	50	LAURA WORDEN	
Linda P Fulton	66	Christie Altman	69	Renee' L McFadden	56	ARLENE DELMAGE	
Ostertag-Newsome	63	Katy James	63	SYSM	3:15.18	OREG	5:12.09
Danielle M Zepess	44	Jonelle Schmidt	67	Meredith A Moore	69	K Andrus-Hughes	61
Martha Dennis	66	Laurel S Hill	49	June Carson	70	Colette M Crabbe	62
		MOST	2:25.57	Nancy Kryka	63	Laura A Worden	61
800 M. FREE REL WOMEN	200+	Suzanne E Cuda	58	Jan H Miller	75	Arlene Delmage	56
		Jan A Miller	68	FACT	3:16.49	ARIZ	6:52.64
UCLA BRUIN MASTE	9:29.43 13	Deborah Pederson	61	Mary K McCarthy	61	Christie Altman	69
VERONICA HIBBEN		Julie O Eakle	58	Julia Y Hayes	65	Jonelle Schmidt	67
CHRISTIE CIRAULO		PBM	2:28.59	Barbara A McNulty	61	Katy James	63
LAURIE DODD		Nancy E Wright	58	Gail L Grossman	63	Jean M Hofmann	61
ERIKA STEBBINS		Tamara Burton	60	GBM	3:17.36	NEM	7:06.17
SPM	10:42.09	Jeannie Mitchell	72	Sally L Gallagher	57	Alison M Dixon	56
Cheryl A Kupan	54	Beth Scognamillo	51	Mary Thomas	56	Mary B Dickson	66
Livia L Zien	52	SCHH	2:40.04	Aagje A Caron	77	Laurie Brenner	63
Karen L Westerman	51	Cynthia A Smith	65	Gail H Pentheny	56	Barbara A West	70
Paula M Texel	48	GINNY TAYLOR	60			MINN	7:40.21
LVM	10:43.25	Marian R Bastian	64			S Lee-Sheridan	66
Kari S Jauch	52	Bonnie K Sotire	65	400 M. FREE REL WOMEN	240+	Paula Pendergast	64
Michelle Ashworth	55	NEM	2:41.49	UCLA	4:30.74 16	Allyn M Silver	54
Karin M Wegner	46	Mary B Dickson	66	JACKI HIRSTY		Mary R Vonderharr	65
J Saul-Zachau	60	Laurie Brenner	63	CHRISTIE CIRAULO			
GOLD	11:15.35	Barbara A West	70	JENNY COOK		800 M. FREE REL WOMEN	240+
Peggy H McDonnell	63	Alison M Dixon	56	VERONICA HIBBEN		NORTH TEXAS LONE	10:25.22 15
Alice Horton	25	ANCM	2:41.85	GOLD	5:04.15	KRISTIN HENDERSON	
Sheryl R Tucker	55	Margot Pettijohn	72	Barbara Protzman	64	LYNN MORRISON	
Barbara Protzman	64	Lynda E Honberg	66	Lydia S Seier	62	HEIDI ERNST	
LVM	11:48.75	Cathy C Gainor	51	Celia C Devanney	61	JACKI HIRSTY	
Dara Goldsmith	52	Nanci K Sundel	53	Peggy H McDonnell	63	GOLD	10:34.06
Amy Ziemba	45	MINN	2:45.69	PBM	5:05.43	Debbie Cavanaugh	60
Pamela A Ivey	57	S Lee-Sheridan	66	Nancy E Wright	58	Peggy H McDonnell	63
Susan Cushman	56	Paula Pendergast	64	Tamara Burton	60	Celia C Devanney	61
MEMO	12:21.51	Babs H Larsen	71	Darcy LaFountain	63	Lisa A Bennett	62
Louise Rafkin	60	Pamela C Ogden	61	Fran E Hare	68	VMST	11:41.12
Meredith Anderson	55	PSM	2:47.72	MOVY	5:32.74	S Loftus-Charley	67
Kim J Krause	56	Brenda L Wilks	64	Heather Huettner	53	Susan R Dickens	57
Susan L Haufler	61	Mary D Tuffley	70	Susan Blattner	61	Nancy Speer	56
SFTL	12:29.44	Wanda R Bolerjack	61	Terri A Lees	65	Marcia L Barry	70
Cecilia McCloskey	68	Andrea M Hunt	70	Laurie R Bisogno	66	PBM	11:55.35
Jenny Ayala	45			ARIZ	5:49.81	Joan P Craffey	65
Sarah L Bennett	55	200 M. MEDLEY R WOMEN	240+	Sara Keeling	52	Tamara Burton	60
Cynthia P Henley	60	NORTH TEXAS LONE	2:19.60 15	Katy James	63	Chris Wenzel	59
SKY	12:57.80	MONICA BAILEY		Christie Altman	69	Jeannie Mitchell	72
Pamela Luebbe	55	KRISSY MACCURDY		Jonelle Schmidt	67	MOST	12:11.64
Christina Norris	63	LYNN MORRISON		NEM	6:09.93	Suzanne E Cuda	58
Tricia A Baldwin	28	C MCKELVEY		Alison M Dixon	56	Jan A Miller	68
Frances B Jones	56	GOLD	2:36.43	Barbara A West	70	Deborah Pederson	61
WCM	13:45.64	Lisa A Bennett	62	Laurie Brenner	63	Julie O Eakle	58
Kelly H Stynes	47	Peggy H McDonnell	63	Mary B Dickson	66	NEM	13:15.11
Barbara A Brown	65	Celia C Devanney	61	SCHH	6:10.85	Laurie Brenner	63
Susan M Collins	69	Barbara Protzman	64	Cynthia A Smith	65	Barbara A West	70
Allison M Dibley	56	MOST	2:49.76	Sheila M Jemella	59	Mary B Dickson	66
SFTL	13:49.22	Suzanne E Cuda	58	GINNY TAYLOR	60	Alison M Dixon	56
Kristin R Volz	45	Julie O Eakle	58	Bonnie K Sotire	65	SCHH	13:22.66
Carla Albano	60	Jan A Miller	68	MINN	6:11.19	Sheila M Jemella	59
Marci A Grady	60	Deborah Pederson	61	S Lee-Sheridan	66	GINNY TAYLOR	60
Kathleen J Stutz	36	ARIZ	2:55.62	Mary R Vonderharr	65	Cynthia A Smith	65
MOVY	14:26.40	Katy James	63	Patricia Burd	55	Bonnie K Sotire	65
Terri A Lees	65	Tori M Fraga	55	Paula Pendergast	64	MINN	13:24.41
Sara A Banner	42	Christie Altman	69	DAM	7:18.04	S Lee-Sheridan	66
M Scherschel	54	Jonelle Schmidt	67	Jennifer R Phalen	54	Babs H Larsen	71
Vicki L Catt	57	NEM	3:06.24	Cecily Sprouse	62	Paula Pendergast	64
200 M. FREE REL WOMEN	240+	Alison M Dixon	56	Mizuho Iwamoto	70	Pamela C Ogden	61
		Mary B Dickson	66	Roswita D Norris	76	SKY	15:10.79
UCLA	2:02.15 16	Laurie Brenner	63	ALB	8:08.06	Meg Smath	62
JACKI HIRSTY		Barbara A West	70	Barbara M Beery	67	Debbie Utz	65
CHRISTIE CIRAULO		SCHH	3:08.62	Nancy H Ewing	71	Amy K Peterson	61
JENNY COOK		Cynthia A Smith	65	J Greene-Janse	58	Wendy J Medley	64
VERONICA HIBBEN		Bonnie K Sotire	65	Sarah Pritchard	52		

MEMO	15:48.37	MINN	3:52.80	800 M. FREE REL WOMEN 280+	PSM	1:54.46	
Lisa Carboni	57	AnnLiv Bacon	76		Jordan K Anderson	20	
Judy K Armstrong	71	Mary C Hoover	69		Nathan Bock	20	
Molly Singer	64	Babs H Larsen	71	VIRGINIA MASTERS12:45.85 17	Austin D Clark	23	
DENISE LAI	62	Mary F Conway	68	BARBARA BOSLEGO	Jaycob Davies	21	
SCHH	18:19.46	TCAM	4:15.06	JOHNNIE DETRICK	PSM	1:54.82	
C Kemerling	64	Toni M Wivell	81	TERRY SUE GAULT	Trevor D Johnson	22	
Joanne F Stewart	80	Robin M Carter	67	S LOFTUS-CHARLEY	Daniel S Schleh	21	
Ginger G Richards	68	Sheryl A Parola	70	MINN	16:05.35	Brandon C Tennant	21
Marian R Bastian	64	Cheryl M Harms	67	Babs H Larsen	71	Jason L Hunter	32
200 M. FREE REL WOMEN 280+		SCHH	5:12.09	E Connelly	68	PSM	1:55.03
OREGON MASTERS 2:27.71 17		Joanne F Stewart	80	AnnLiv Bacon	76	del Moral Gonzale	25
JANET GETTLING		Sandra D Hinline	71	S Lee-Sheridan	66	Daniel Perlovsky	23
JOY WARD		C Kemerling	64	200 M. FREE REL WOMEN 320+		Pavel V Plotnikov	25
SANDI ROUSSEAU		Ginger G Richards	68			Nathan Block	23
MARGARET TOPPEL		ARIZ	5:30.53	FLORIDA MAVERICK 3:25.71 02	AWLM	2:07.73	
ARIZ	3:10.32	Beverly A Schulz	76	JEAN TROY	Ian M Soules	23	
Corinna Goodman	77	Diane J Wagner	70	KAY SCHIMPF	Jacob Basini	20	
Wendy Weinberg	73	Lyn M Moreno	70	GERTRUD ZINT	Opio C Douglas	21	
Joannie Eastridge	64	Joan E Pierce	73	FLORENCE CARR	Jesse A Greve	28	
Jill D Fritz	78	400 M. FREE REL WOMEN 280+		No Relays	200 M. MEDLEY R MEN 72+		
WCM	3:24.92	VIRGINIA MASTERS 5:38.90 13		200 M. MEDLEY R WOMEN 320+	PHOENIX SWIM CLU 1:48.69 17		
Dolly J Ackerman	77	JOHNNIE DETRICK			KEN BARCINAS		
Gretchen Rothrock	69	LAURA WALKER		WALNUT CREEK MAS 4:09.65 11	ELI WONG		
Pamela A Taub	68	MARCIA BARRY		BARBARA OWENS	STANISLAV SAIKO		
Susan M Collins	69	S LOFTUS-CHARLEY		ANN HIRSCH	GRANT GAMROTH		
SCHH	3:38.90	MAM	6:09.86	JOAN ALEXANDER	WH20	1:55.44	
Ann Tullie	73	Peg K Mc Partland	76	DIXIE GERMOLUS	George E Ramsay	27	
Ginger G Richards	68	Susie A Caso	72	No Relays	Nikita Bondarenko	23	
Rose W Carney	69	Ruth Y Shaps	71	400 M. FREE REL WOMEN 320+	Carlo M Morante	25	
E Bartholomew	74	Claire Donaldson	64		Max W Bley-Male	23	
FACT	3:44.47	ARIZ	8:07.38	VMST	7:46.75 15	ROSE	1:55.61
Martha Henderson	82	Jill D Fritz	78	JOHNNIE DETRICK		Ralph J Porrazzo	26
Rae E Suttie	74	Sharlene Lunda1	77	JEANNE MEREDITH		J AmiryinClippis	21
Joan K Campbell	88	Joan E Pierce	73	TERRY SOKOLIK		Sean M Fisher	23
Barbara A McNulty	61	Corinna Goodman	77	MARCIA BARRY		Andrew P Lum	25
ARIZ	3:48.39	ARIZ	8:34.35	No Relays	DKTA	1:55.88	
Joan E Pierce	73	Joannie Eastridge	64	400 M. MEDLEY R WOMEN 320+	Noah K Lucas	23	
Beverly A Schulz	76	Diane J Wagner	70		M Bartkaitis	21	
Lyn M Moreno	70	Lyn M Moreno	70	VIRGINIA MASTERS 9:55.29 11	Andrew D Brower	24	
Martha Takakoshi	65	Beverly A Schulz	76	MARIANNA BERKLEY	Andrew Woodard	23	
ROSE	3:51.63	MINN	9:06.25	MIRIAM TUOVILA	GRA	2:03.40	
Nancy N Niebrugge	60	Mary C Hoover	69	IDA HLAVACEK	M Acosta - Gomez	24	
Kristin P Bennett	61	Martha Arradondo	71	JEANNE MEREDITH	Michael Gribble	23	
Carol Cracchiolo	67	Carol L Bell	67	No Relays	Robert W Daltorio	26	
Maurine Kornfeld	97	AnnLiv Bacon	76	800 M. FREE REL WOMEN 320+	Calum Brockie	24	
MINN	4:02.31	MICH	10:16.27	VMST	17:14.70 15	PSM	2:09.05
Babs H Larsen	71	K Vanden Brulle	74	LAURA WALKER	Jordan K Anderson	20	
Martha Arradondo	71	Rita Gelman	86	JEANNE MEREDITH	Jaycob Davies	21	
AnnLiv Bacon	76	Pat M Butler	81	TERRY SOKOLIK	Nicholas Pederson	22	
Pat J Lillehei	74	Peggy A Bruin	77	MARCIA BARRY	Blake T Nixon	21	
200 M. MEDLEY R WOMEN 280+		400 M. MEDLEY R WOMEN 280+		No Relays	PSM	2:11.24	
OREGON MASTERS 2:44.72 17		OREGON MASTERS 6:32.56 17		MEN'S RELAYS	Daniel S Schleh	21	
JOY WARD		JOY WARD		200 M. FREE REL MEN 72+	Brandon C Tennant	21	
JANET GETTLING		GINGER PIERSON		PHOENIX SWIM CLU 1:36.70 17	Trevor D Johnson	22	
SANDI ROUSSEAU		JANET GETTLING		ELI WONG	Jason L Hunter	32	
MARGARET TOPPEL		MARY ANNE ROYLE		KEN BARCINAS	AWLM	2:25.70	
MAM	3:01.72	VMST	6:51.76	STANISLAV SAIKO	Ian M Soules	23	
Peg K Mc Partland	76	Laura S Walker	81	GRANT GAMROTH	Jacob Basini	20	
Susie A Caso	72	Barbara E Boslego	67	ENZO PAZOS	Jesse A Greve	28	
Claire Donaldson	64	S Loftus-Charley	67	SWIM FORT LAUDER 3:37.62 13	Opio C Douglas	21	
Ruth Y Shaps	71	Marcia L Barry	70	VICENTE ANDRADE			
ARIZ	3:31.66	ARIZ	8:43.17	KRISTOF KERTESZ			
Jill D Fritz	78	Jill D Fritz	78	JORGE ANDRADE			
Samantha Martoni	56	Allison R Lehman	61	ENZO PAZOS			
Wendy Weinberg	73	Corinna Goodman	77	WH20	1:42.32	WH20	3:44.45
Corinna Goodman	77	Sharlene Lunda1	77	Tim Hornyak	21	Nikita Bondarenko	23
RHMS	3:37.45	ROSE	9:08.33	Nikita Bondarenko	23	Max W Bley-Male	23
Marty Barry	86	Maurine Kornfeld	97	Carlo M Morante	25	George E Ramsay	27
C Hayes-Rupp	61	Kristin P Bennett	61	James Sinclair	25	Carlo M Morante	25
Linda Hepworth	65	Sally A Cook	57	NEM	1:45.65	AWLM	4:45.30
Annette M Coholan	70	Ellen K Shockro	76	Benjamin Chelmow	26	Ian M Soules	23
WCM	3:48.21	ARIZ	10:07.85	Jason P Weis	22	Jacob Basini	20
Gretchen Rothrock	69	Beverly A Schulz	76	Richard Park	26	Opio C Douglas	21
Stephanie I Scott	71	Lyn M Moreno	70	William Manion	25	Jesse A Greve	28
Susan M Collins	69	Joannie Eastridge	64				
Nancy L Thursby	71	Joan E Pierce	73				

400 M. MEDLEY R	MEN	72+	Justin Morrison	29	400 M. MEDLEY R	MEN	100+	Logan C Dawson	28
			Adam J Paul	29				Marcus Fitts	29
SWIM FORT LAUDER	3:56.49	13			FORD AQUATICS	3:43.64	13	ROSE	1:50.07
VICENTE ANDRADE					DARIAN TOWNSEND			Chad A Durieux	39
KRISTOF KERTESZ			200 M. MEDLEY R	MEN	MARCUS TITUS			Nicholas Burnett	37
ENZO PAZOS				100+	TYLER DEBERRY			Tait C Ecklund	37
JORGE ANDRADE			GOLDEN ROAD AQUA	1:39.29	CARL MILLER			Joshua Schwartz	41
WH20	4:04.16		TONY COX					GRA	1:50.35
Carlo M Morante	25		NICHOLAS KORTH		WH20	4:29.87		Andrew T Wood	41
Tim Hornyak	21		MARIO MARSHALL		Colin Dueweke	30		Mark Toledano	37
Antoine D Kunsch	30		LUKE PECHMANN		Antoine D Kunsch	30		Robert W Daltorio	26
Nikita Bondarenko	23				Daniel Grant	28		Calum Brockie	24
NEM	4:39.16		WCM	1:54.60	NEM	5:19.63			
William Manion	25		Jake E Mefford	24	Thomas Reimonn	25		200 M. MEDLEY R	MEN
Richard Park	26		Andy J Nonaka	39	Brian McGahie	25		120+	
Jason P Weis	22		Douglas Formby	33	Craig Mitchell	28		BAYLOR / LONE ST	1:45.01
Michael Chin	23		Paul J York	21	Alexander Hoppe	39		JAY YARID	94
AWLM	5:17.44		WH20	1:58.23				GREG RHODENBAUGH	
Ian M Soules	23		Colin Dueweke	30	800 M. FREE REL	MEN	100+	BOBBY PATTEN	
Jacob Basini	20		Sam B Stryker	28				MOOK RHODENBAUGH	
Jesse A Greve	28		Antoine D Kunsch	30	NEW ENGLAND MAST	7:43.72	13	PSCM	1:45.23
Opio C Douglas	21		James Sinclair	25	TOBIAS WORK			Kazuki Watanabe	31
			DCAC	1:58.48	MICHAEL EMMONS			Roland M Schoeman	38
800 M. FREE REL	MEN	72+	Amr E El-Sayed	26	DANIEL MORAN			Ken A Barcinas	26
			Logan C Dawson	28	ERIC NILSSON			Herbert M Behm	27
SOUTH BAY SWIM T	8:16.36	09	William Scibilia	26	GRA	8:42.96		WH20	1:48.21
DEVIN BRADY			Arthur M Staub	26	Jacob Cook	30		C Gibson	35
JEFF HART			PSM	1:59.43	J Hochstrasser	34		Nikola Delic	33
JAMES ECKSTEIN			Ryan J Robertson	32	Robert W Daltorio	26		James Manning	34
PATRICK JACOBSON			Jakub P Kotynia	30	Tony Cox	28		Michael E Crosby	39
AWLM	10:58.72		Erik D Petersen	30	GERM	11:15.57		MOVY	1:51.07
Ian M Soules	23		del Moral Gonzalez	25	Jason J George	31		Jonathon Benson	27
Matt W Jones	27		DAS	2:01.01	Dmitrijs Milajevs	31		Mark S Conroy	27
Opio C Douglas	21		D Glaser-Garbrick	27	S Paruchuru	28		Ryan A Sellers	27
Jesse A Greve	28		David Stone	27	Kempsey Clark	28		Douglas J Hayden	53
			Jason M Hill	39	200 M. FREE REL	MEN	120+	NASH	1:54.64
200 M. FREE REL	MEN	100+	Christopher Alt	23				Oliver Agh	43
			GERM	2:13.07	Evan M Murdock	21		James Goss	23
GOLDEN ROAD AQUA	1:31.58	15	Kempsey Clark	28	Marcus Fitts	29		Dakota Hodgson	27
MARIO MARSHALL			Jason J George	31	SOUTHERN CAL AQU	1:32.97	09	Sean Casey	40
NICHOLAS KORTH			Marcus Martinez	26	MATTHEW CORNUE			NERD	1:57.56
ALEXANDER ACEINO					MATTHEW MCGINNIS			Nathan Tschohl	34
IVAN SERRANO			400 M. FREE REL	MEN	DAN WEGNER			Martin Kata	30
DCAC	1:41.45		100+		PSCM	1:39.30		Gregor J McLeod	58
Amr E El-Sayed	26		GOLDEN ROAD AQUA	3:24.61	Roland M Schoeman	38		Robert Walsh	29
William Scibilia	26		ALEXANDER ACEINO		Ken A Barcinas	26		PALM	2:01.87
Arthur M Staub	26		NICKOLAS POPOV		Stanislav Saiko	26		David Betenbaugh	43
Patrick M Barrett	37		MARIO MARSHALL		Alex Carpenter	38		Michael J Malik	37
MEMO	1:44.38		DIMITRI COLUPAEV		WH20	1:40.13		Daniel R Thaler	31
Patrick L Condon	30		WH20	3:47.59	Niccolo Frosini	31		Justin Conner	23
Ryan P Monaghan	34		Antoine D Kunsch	30	S Cutter-Wilson	34		NEM	2:02.42
Zachary Zlotoff	27		Colin Dueweke	30	Colin Dueweke	30		Daniel M Moran	36
Roger W Ward	28		James Sinclair	25	Nikola Delic	33		Ben W Hammond	43
WH20	1:45.99		Luis F Clavijo	33	PALM	1:44.69		Craig Mitchell	28
Antoine D Kunsch	30		WCM	3:49.97	Justin Conner	23		John Blankenhorn	28
Colin Dueweke	30		Andy J Nonaka	39	David E Rieder	24		ROSE	2:02.46
Daniel Grant	28		Paul J York	21	David Betenbaugh	43		Joshua Schwartz	41
Charles Chen	30		Robert M Tiernan	35	Daniel R Thaler	31		Chad A Durieux	39
TSTT	1:48.92		Jake E Mefford	24	TNYA	1:45.85		Nicholas Burnett	37
Kyle C Montero	22		DCAC	3:51.18	Andrew L Capers	36		Tait C Ecklund	37
Daniel Liebowitz	34		William Scibilia	26	Martin R Smith	33		MEMO	2:03.25
James W Rogers	29		Arthur M Staub	26	JOSEPH M PARKS	34		Roger W Ward	28
Matthew Chavez	20		Logan C Dawson	28	Shachar Keizman	35		James C Song	35
NEM	1:49.14		Amr E El-Sayed	26	XCL	1:45.96		Benjie M Gerry	28
James O'Connor	21		ROSE	3:55.24	Andrew Blazuk	30		Patrick L Condon	30
Thomas Reimonn	25		Sean M Fisher	23	Lucas Zelehowsky	27		TIDE	2:03.77
Craig Mitchell	28		Andrew P Lum	25	Robert M Freund	57		Paul Vermaak	52
John Blankenhorn	28		Ralph J Porrazzo	26	Hank Oppenheimer	25		Morgan Latimer	25
GERM	1:51.01		Mike Freeman	32	TIDE	1:47.29		Dirk W Verheul	25
Marcus Martinez	26		GRA	3:56.46	Paul Vermaak	52		Jason Rodriguez	39
Evan M Murdock	21		Jacob Cook	30	Morgan Latimer	25		400 M. FREE REL	MEN
Kempsey Clark	28		J Hochstrasser	34	Dirk W Verheul	25		120+	
Thomas J Culliton	32		Robert W Daltorio	26	Jason Rodriguez	39		SOUTHERN CAL AQU	3:23.69
DAS	1:54.83		Casey Powers	28	NERD	1:47.41		09	
David Stone	27		GERM	4:47.67	Martin Kata	30		DAN WEGNER	
Ben T Beachler	30		Kempsey Clark	28	Robert Walsh	29		ERIK HOCHSTEIN	
Christopher Alt	23		S Paruchuru	28	Nathan Tschohl	34		ERIK TOLMACHOFF	
D Glaser-Garbrick	27		Jason J George	31	Samuel F Harris	36		MATTHEW MCGINNIS	
ART	1:59.42		Todd Culliton	30	DCAC	1:49.51		WH20	3:45.84
Adam Pelletier	36				Neill Williams	50		C Gibson	35
Alex C Krajek	25				Patrick M Barrett	37		Craig SineI	44

Carl G Larsen	41	TSTT	4:47.29	TSUN	1:55.59	SVY	3:54.70
Michael E Crosby	39	Kyle C Montero	22	Luca E Pozzi	33	Jeremy Gross	47
TNYA	3:50.55	Jonathan A Edge	52	Casey D Cheung	45	Bradley Kirschner	44
Warren Perry	37	Matthew Chavez	20	Mark White	55	Greg Rees	49
Andrew L Capers	36	Daniel Liebowitz	34	Paul J Frentsos	57	Jeffrey P Evans	52
Win Chesson	35	IM	5:01.45	NEM	1:55.83	PBM	3:59.44
Evan M Cobb	39	Michael W Cowen	33	Paolo G Martini	51	Daniel Lotano	38
MEMO	3:57.01	Chris Benning	36	Andrew W Kimball	36	Chris Cole	34
Roger W Ward	28	Samuel R Ciochon	29	Frankin Mansilla	58	Erik A Hanssen	47
Ryan P Monaghan	34	Steve Gilberg	56	Brian P Fehlau	44	Lennart Lindahl	48
Benjie M Gerry	28	WH20	5:19.03	200 M. MEDLEY R	MEN 160+	WH20	4:01.66
Patrick L Condon	30	Igor Porciuncula	38	ANDERS RASMUSSEN		Adam J Larson	37
NEM	4:06.28	Enrique A Ochoa	36	LONGHORN AQUATIC	1:45.13 08	Craig Sinel	44
James O'Connor	21	Michael Z Whitley	38	TODD BARTEE		Karl R Gundersen	49
John Blankenhorn	28	Charles Chen	30	TYLER BLESSING		Michael E Crosby	39
Daniel M Moran	36	CONN	5:32.83	MIKE VAROZZA		GRA	4:07.95
Ben W Hammond	43	Matthew Mehlhaff	39	SYSM	1:56.47	Matt Reason	44
WH20	4:12.30	Robert E Duguay	33	Josh W Scott	35	Nathan S Stalker	44
Matthew S Mair	52	Joseph Lampe	40	John R Groselle	39	Joshua L Lam	44
Timothy A Kline	34	G Matzkevich	35	Johnnie A Pearson	45	Billy Gaines	37
Scott Postlewaite	32	800 M. FREE REL	MEN 120+	Jack R Groselle	64	TSUN	4:11.46
Gregory Walther	34	SOUTHERN CAL AQ	7:44.51 09	WH20	1:58.25	Matt Harrington	47
ROSE	4:12.56	DAVID SCHLESINGER		Luis F Clavijo	33	Matthew Winfield	37
Christopher Choi	36	DAN WEGNER		Matthew B Schmidt	40	Paul J Frentsos	57
J AmiryinClipp	21	ERIK TOLMACHOFF		Carl G Larsen	41	Jason J Singh	29
Charles V Moore	33	ERIK HOCHSTEIN		Daniel B Ferguson	52	LVM	4:12.71
Nicholas Burnett	37	SKY	9:15.41	UMAC	1:58.57	Jarvis I Marlow	42
SPP	4:29.77	Mirko Chavez	38	Emad H Elshafei	52	Peter Jauch	51
Scott Fishwick	33	Gregory G Willett	21	Michael Goodison	46	Joseph V Candela	54
Jeffrey Chase	54	William G Kolb	23	Michael P Doane	48	Gareth Cocks	29
Anthony Galvez	21	Mike Jotautas	38	J OLoughlin	35	NEM	4:15.01
Charles McPeak	48	200 M. FREE REL	MEN 160+	GOLD	1:59.03	Bob Tyler	56
WH20	4:31.28	LONGHORN AQUATIC	1:35.44 08	James R Vaucher	35	David C Graham	44
Daniel Dans	40	TYLER BLESSING		Sean P Frampton	52	Tyler G Edsall	41
Charles Chen	30	MIKE VAROZZA		Juan J Lopez	41	Niclas K Ohman	44
Sam D Dickinson	31	ANDERS RASMUSSEN		Diego A Suarez	35	ROSE	4:18.08
Michael Z Whitley	38	M STINCHCOMBE		PBM	1:59.38	Ian P Culver	42
PSM	4:32.14	GOLD	1:42.90	Daniel Lotano	38	Derek W Blackway	43
Ryan J Robertson	32	Luis Comulada	43	Michael Aubrey	57	Sean C Paxton	49
Guillermo Rueda	37	James R Vaucher	35	Daniel J Lebest	31	Dan Borton	50
Doug Jelen	45	Corey L Welch	35	Chris Cole	34	ARIZ	4:29.54
Jin Yamamoto	44	Sean P Frampton	52	ROSE	1:59.84	Michael Meitin	40
GRA	4:33.37	1693	1:49.86	FRANK GODOR	40	Chad Johnson	49
Justin Bird	34	Douglas K Slater	61	Chad A Durieux	39	John Seals	39
James P Granados	36	Adrian Maholchic	41	David A Popko	41	Sean Badding	49
Steve Kim	42	Michael Lovett	40	Dan Stephenson	61	400 M. MEDLEY R	MEN 160+
Yan Pronin	38	Rich Williams	43	YCFM	2:00.43	LONGHORN AQUATIC	3:50.93 08
400 M. MEDLEY R	MEN 120+	BERK	1:50.33	William R Kloppe	38	ANDERS RASMUSSEN	
SOUTHERN CAL AQU	3:57.49 09	Lourival Baptista	46	Rich Mercer	55	TODD BARTEE	
ERIK HOCHSTEIN		Benn W Doyle	60	Andy S Kroupa	49	TYLER BLESSING	
DAVID SCHLESINGER		Chris D McGiffin	52	Andy Matthias	43	MIKE VAROZZA	
ERIK TOLMACHOFF		Eric R Materniak	27	NEM	2:00.49	WH20	4:09.68
MATTHEW CORNUE		TNYA	1:51.02	Chuck Barnes	42	C Gibson	35
WH20	4:21.46	Michael S Ferris	41	Rob E Allen	53	Matthew B Schmidt	40
Colin Dueueke	30	Evan M Cobb	39	Connor Wallace	32	Carl G Larsen	41
S Cutter-Wilson	34	Casey C Schick	46	Matthew R Gilson	51	Craig Sinel	44
Adam J Larson	37	Joshua M Judge	42	NEM	2:03.72	GOLD	4:13.35
Sam B Stryker	28	GBM	1:51.81	Bob Tyler	56	Corey L Welch	35
ROSE	4:23.12	Jerry E Bailey	49	Craig Hersh	47	Sean P Frampton	52
Ralph J Porrazzo	26	Guy S Davis	59	Niclas K Ohman	44	James R Vaucher	35
Jason Cohen	30	Edmund J Gendreau	56	David C Graham	44	Luis Comulada	43
Andrew P Lum	25	Kevin Schuster	31	TSUN	2:04.77	YCFM	4:25.22
Joshua Schwartz	41	ARIZ	1:53.40	Jason J Singh	29	William R Kloppe	38
TNYA	4:37.24	Randy Gertenbach	36	Matthew Winfield	37	James Vairo	35
Jonathan Bermudez	32	Dean C Hagen	56	Paul J Frentsos	57	Andy S Kroupa	49
John B Thomas	30	Kent M Johnson	50	Matt Harrington	47	Andy Matthias	43
Warren Perry	37	Jahi L Thompson	39	400 M. FREE REL	MEN 160+	ROSE	4:26.11
Win Chesson	35	WH20	1:53.43	LONGHORN AQUATIC	3:32.44 09	FRANK GODOR	40
MEMO	4:41.73	Matthew S Mair	52	ANDERS RASMUSSEN		Chad A Durieux	39
Zachary Zlotoff	27	Gregory Walther	34	TODD BARTEE		David A Popko	41
Blake Troxel	36	Erik Guzman	39	TYLER BLESSING		Dan Stephenson	61
EMMANUEL TORRES	32	Craig Sinel	44	MIKE VAROZZA		SFTL	4:36.41
Patrick L Condon	30	PSM	1:53.90	NEM	3:54.12	Peter C Horwitz	54
GRA	4:43.87	Erik D Petersen	30	Connor Wallace	32	Ryan B Rosenbaum	24
Nathan S Stalker	44	Michael Porter	52	Rob E Allen	53	Mijares Martinez	51
Nick Boshoff	50	Jin Yamamoto	44	Matthew R Gilson	51	Mark Nieuwenhuis	52
James P Granados	36	Robert C DeWard	44	Chuck Barnes	42	BERK	4:37.39
Mathew Bilaver	18					Chris D McGiffin	52
						Benn W Doyle	60

Eric R Materniak	27	200 M. FREE REL	MEN	200+	SKY	2:05.79	Stephen A Stahl	53
Lourival Baptista	46				Dan Kasser	49	Michael P Heaney	52
UMAC	4:39.54	BLU FROG TEAM	1:38.79	10	Abraham E Solano	49	HAFI	4:31.56
Dave Romack	41	AMBROSE GAINES			Dan Mattingly	55	Andy Hunter	40
Jeffrey Strahota	38	KEITH SWITZER			Dale Mercker	51	John S Grzeszczak	60
Michael Goodison	46	MARC MIDDLETON			PSM	2:06.14	Peter Charlton	63
J O'Loughlin	35	SCOT WEISS			John H Keppeler	51	Martin J Torres	41
DCAC	4:42.32	PSM	1:46.41		Kevin L Esko	52	NEM	4:33.20
John Tustin	42	Neil Sexton	46		Michael Porter	52	John T Ols	52
Eric W Czander	53	John H Keppeler	51		Gerald Cermak	55	Ted McGahie	59
Greg Koch	36	Carl Haynie	58		WCM	2:07.32	Tim Allen	65
Patrick M Barrett	37	Mats Nygren	52		Hector Chao	54	Michael P McCombs	62
PSCM	4:47.38	PBM	1:46.54		Brad A Gothberg	56		
Stanislav Saiko	26	Daniel Lotano	38		Jon Boone	55	400 M. MEDLEY R	MEN 200+
Bowen M Johnson	52	Mike LaMonica	58		Stephen A Stahl	53	LONGHORN AQUATIC	3:59.68 12
Ken A Barcinas	26	Michael Aubrey	57		SFTL	2:07.44	ANDERS RASMUSSEN	
Glen Y Kishi	60	Lennart Lindahl	48		Valeriy Krishtal	53	DAVID GUTHRIE	
NEM	4:56.22	DCAC	1:46.58		Peter C Horwitz	54	JIM SAUER	
Mark E Alexander	60	Neill Williams	50		Mijares Martinez	51	MIKE VAROZZA	
Ken K Kwa	45	Corey M Carlisle	47		Mark Nieuwenhuis	52	DCAC	4:22.69
Benjamin Chelmow	26	Kevin M Majoros	58		ARIZ	2:07.84	Corey M Carlisle	47
Len Van Greuning	51	Jerome A Frentsos	53		Theodore Collins	55	Neill Williams	50
800 M. FREE REL	MEN 160+	ARIZ	1:48.33		Gerald Badding	52	Frederick E Dever	53
LONGHORN AQUATIC	7:52.82 09	Terry A DeBiase	53		Terry A DeBiase	53	Jerome A Frentsos	53
TYLER BLESSING		Gerald Badding	52		Terry Richardson	57	PBM	4:25.36
MIKE VAROZZA		Terry Richardson	57		Marc A Valle	44	Daniel Lotano	38
TODD BARTEE		WCM	1:49.28		Jon Boone	55	Michael Aubrey	57
ANDERS RASMUSSEN		Brad A Gothberg	56		Brad A Gothberg	56	Mike LaMonica	58
ROSE	8:44.40	Hector Chao	54		James S Fischer	55	Lennart Lindahl	48
David A Popko	41	Robert M Tiernan	35		VMST	2:09.12	GBM	4:39.25
David D Galluzzi	44	NEM	1:51.28		Gregory Harris	55	Jerry E Bailey	49
Christopher Choi	36	Stephen R Carroll	49		David B Malsbury	57	Edmund J Gendreau	56
Joshua Schwartz	41	Craig Hersh	47		Kirk W Clear	51	Guy S Davis	59
GRA	9:11.10	Bob R Plencner	66		C Scharver	42	C Cloitre	43
Andrew T Wood	41	Niclas K Ohman	44		400 M. FREE REL	MEN 200+	SYSTEM	4:45.96
Matt Reason	44	ROSE	1:53.10		BLU FROG TEAM	3:40.26 11	Edward H Mench	52
Steve Kim	42	Sean C Paxton	49		CHARLES LYDECKER		John R Groselle	39
Billy Gaines	37	Ross Breitenbach	50		ROSS BOHLKEN		Johnnie A Pearson	45
PBM	9:11.61	Julio Cienega	52		KEITH SWITZER		Rick B Walker	68
Daniel Lotano	38	Ray Frost	54		AMBROSE GAINES		NCMS	4:50.14
Erik A Hanssen	47	VMST	1:53.96		ARIZ	3:55.81	Jonathan E Klein	61
Lennart Lindahl	48	Gregory Harris	55		Terry A DeBiase	53	Sonny Nguyen	39
Michael Aubrey	57	David B Malsbury	57		Gerald Badding	52	Scott J Dallamura	40
WCM	9:19.13	Kirk W Clear	51		Marc A Valle	44	C Van der Horst	66
Bryan D Volpp	61	C Scharver	42		Terry Richardson	57	ARIZ	4:50.54
M De Boisblanc	50	HAFI	1:54.71		DCAC	3:58.70	Theodore Collins	55
Stephen A Stahl	53	Martin J Torres	41		Corey M Carlisle	47	Gerald Badding	52
Paul J York	21	Andy Hunter	40		Neill Williams	50	Terry A DeBiase	53
YCFM	9:44.16	John S Grzeszczak	60		Frederick E Dever	53	Terry Richardson	57
Andy S Kroupa	49	Peter Charlton	63		Jerome A Frentsos	53	TNYA	4:50.65
Brodie Hynes	44	NEM	1:55.56		GRA	4:05.87	Brad G Cole	60
Andy Matthias	43	Ben W Hammond	43		Nick Boshoff	50	Dean E Putterman	56
Ambrose Gaines	59	Ted McGahie	59		Drew K Skelly	52	Steven R Czekala	59
ROSE	10:16.13	Tim Allen	65		Dan Jensen	60	Lawrence B Hayes	55
Ross Breitenbach	50	Michael P McCombs	62		Kurt F Dickson	51	NEM	4:57.24
Chad A Durieux	39				ROSE	4:10.83	Ted McGahie	59
H Lee Purgason	62				Dan Stephenson	61	Ben W Hammond	43
Andrew P Lum	25				Patrick Mc Ginley	55	John T Ols	52
SKY	10:38.56	200 M. MEDLEY R	MEN 200+		Ray Frost	54	Brian T Brochu	48
Michael Johmann	56	LONGHORN AQUATIC	1:49.42 12		Ross Breitenbach	50	NEM	5:00.77
C.J. Rushman	47	ANDERS RASMUSSEN			PSM	4:13.12	Frankin Mansilla	58
Jason L Sawyer	47	DAVID GUTHRIE			Kirk Nelson	48	Paoilo G Martini	51
Mitchell Reinhart	37	JIM SAUER			Michael Porter	52	Louis W Canaiy	41
MVM	10:50.73	MIKE VAROZZA			John H Keppeler	51	Robert B Greene	50
Ed Pereira	33	SYSTEM	2:02.52		Gerald Cermak	55	ROSE	5:01.21
Alex Zeigle	34	Edward H Mench	52		NEM	4:24.20	Dan Stephenson	61
John J Goode	51	Stephen Panzarino	57		Louis W Canaiy	41	Winston Uchiyama	61
Howard L Huang	55	Jeffrey Boatright	65		James R Seligman	59	Ross Breitenbach	50
MEMO	10:52.38	Matthew Coan	33		David P O'Brien	62	H Lee Purgason	62
Todd Wehmann	46	PBM	2:05.46		Brian P Fehlau	44	800 M. FREE REL	MEN 200+
James C Song	35	F Caudrillier	56		TNYA	4:24.55	BLU FROG TEAM	8:03.40 11
Minh Ngo	47	Erik A Hanssen	47		Steven R Czekala	59	AMBROSE GAINES	
Victor Gonzales	39	Mike LaMonica	58		Brad G Cole	60	CHARLES LYDECKER	
PSM	10:54.33	Lennart Lindahl	48		Dean E Putterman	56	TIM BUCKLEY	
Guillermo Rueda	37	GERM	2:05.55		Lawrence B Hayes	55	KEITH SWITZER	
Doug Jelen	45	Anthony S Higgins	49		WCM	4:26.64	SKY	9:03.62
Ryan J Robertson	32	Gustavo Sandi	46		Jon Boone	55	Abraham E Solano	49
Brent Barnes	50	Scott M Golden	55		Hector Chao	54	Dan Kasser	49
		Karl E Wunderlich	53					

James G Luebbe	51	PSM	2:02.61	Thomas A Denes	61	Tom Burke	59
Dale Mercker	51	William B Hayes	67	David C Harmon	69	Dan Jensen	60
ROSE	9:36.95	Gerald Cermak	55	400 M. FREE REL	MEN 240+	MINN	5:41.45
Winston Uchiyama	61	Steven B Peterson	72	BLU FROG TEAM	3:56.97 12	Curtis L Nelson	62
Ray Frost	54	Matt Castle	47	ROSS BOHLKEN		Ralph S Bovard	66
Patrick Mc Ginley	55	SYSM	2:02.66	MARC MIDDLETON		Kenneth J Fischer	58
Dan Stephenson	61	Jim Matysek	59	L MEISENHEIMER		Marc S Anderson	69
WCM	9:42.51	Rick B Walker	68	RICHARD ABRAHAMS		SLAM	5:52.08
Brad A Gothberg	56	Chuck A Froman	61	GRA	4:11.90	Laurence Walker	75
Gordon E Bell	66	Bert Bowers	64	Pat Meaney	60	John T Pohlmann	75
Kerry L O'Brien	61	PBM	2:03.11	Bruce Menefee	59	Jeffrey P Enge	30
Tom T Nootbaar	55	Joseph Wotton	59	Robert H Wilson	67	Douglas K Miller	72
PSM	9:51.38	Erik A Hanssen	47	Tom Burke	59	ARIZ	5:56.55
Bryan E Smith	51	F Caudrillier	56	DCAC	4:20.60	Terry Ludwig	68
James L Mange	60	Alex Fisher	79	Jay N Fisette	62	Robert P Emahiser	65
Max L Hanson	51	WMST	2:03.80	Jeffrey D Mead	62	Ke Wang	62
Michael Porter	52	Bruce W Rollins	69	Kevin M Majoros	58	Steven R Willer	64
GRA	10:10.79	Niels U Wolfhagen	62	Jay M Calhoun	59	DCAC	5:56.56
Michael D Lucero	48	P Dieffenthaler	53	SYSM	4:25.30	Drew Fitzmorris	58
Mark Y Madden	58	Francisco J Godoy	60	Jack R Groselle	64	Barry L Haddan	67
Robert H Wilson	67	NASH	2:05.43	Bert Bowers	64	Dawson Nash	65
Dan Jensen	60	Charles LeMaistre	64	Tom J Weigand	61	Jack Markey	66
SFTL	10:29.30	Scott W Layden	59	Jim Matysek	59	NEM	6:00.36
David L Zubero	59	Donald Cooper	60	MOVY	4:25.41	Duncan P RyanMann	65
Mijares Martinez	51	Bruce B Dobie	60	Bob Welchlin	61	Craig Crawford	48
Raymond F Cox	43	200 M. MEDLEY R	MEN 240+	David A Orwick	59	Daniel J Rogacki	71
Marty Hendrick	60	RICE AQUATIC MAS	1:54.15 18	Michael Norberg	63	Steve Kolis	63
MOST	10:31.92	JAY YARID		Brad R Wells	57	CONN	6:00.72
Steven C Richey	58	DAVID GUTHRIE		DAM	4:39.89	Gerald O Burbank	59
Andrew J Gale	52	JOHN FIELDS		Stuart L Kahn	65	Robert Lamontagne	60
Charles Michaels	59	BRUCE WILLIAMS		Curtis M Finley	65	William Geoghegan	68
Lex Pegues	58	RICE	1:54.15	Andrew McPherson	71	Peter Canning	60
MERR	10:37.06	Jay Yarid	55	Greg Menna	41	WH20	6:25.66
Saleh M Mandour	64	David M Guthrie	58	WCM	4:50.42	Thomas J Wilson	64
David J Dallmer	30	John A Fields	62	Bob B Upshaw	69	Jay R Olson	69
Tim McGough	61	Bruce F Williams	65	Michael Williams	69	Charles A Larson	66
Kevin Joubert	46	MOVY	2:05.29	James R DeLacy	72	Vincent J Lowell	57
MEMO	11:05.25	Brad R Wells	57	Gordon E Bell	66	800 M. FREE REL	MEN 240+
Daniel R Jegers	49	Robert W Wright	68	MINN	4:51.40	VENTURA COUNTY M	8:50.43 15
Jack Boeger	51	Michael Norberg	63	Darrell J Smith	62	JIM MC CONICA	
Michael Andrews	51	Bill Sherman	60	John Maguire	63	GLENN GRUBER	
Jeffrey M Foster	52	ROSE	2:10.54	Jay Johnston	66	MICHAEL BLATT	
GOLD	11:35.31	Dan Stephenson	61	Brian K Holthus	61	MIKE SHAFFER	
Ricardo Valdivia	54	Winston Uchiyama	61	GOLD	4:55.08	MOVY	10:11.19
Bill Dykstra	81	Thomas S Taylor	59	Jonathan B Olsen	55	Brent D Miller	59
Allen J DeWeese	70	Erik A Sterne	66	Michael A Dively	80	Bill Sherman	60
C Stickle	28	DCAC	2:13.49	Michael R Meyer	62	Chip Glidden	68
200 M. FREE REL	MEN 240+	Jay N Fisette	62	Bill S Korey	55	David A Orwick	59
BLU FROG TEAM	1:43.21 12	Jay M Calhoun	59	WH20	5:08.19	SYSM	10:15.11
RICHARD ABRAHAMS		Kevin M Majoros	58	Mauro Bordovsky	62	Jack R Groselle	64
MARC MIDDLETON		Jeffrey D Mead	62	Mike J Wallace	62	Tom J Weigand	61
L MEISENHEIMER		MINN	2:15.58	Charles A Larson	66	John M Burke	66
ROSS BOHLKEN		Brian K Holthus	61	Charles W Myers	65	Dean T Mitchinson	50
MOVY	1:53.24	Patrick Strother	65	SYSM	5:08.44	SDSM	10:34.38
Brad R Wells	57	Darrell J Smith	62	Johnnie A Pearson	45	Peter Andersen	75
Bob Welchlin	61	Marc S Anderson	69	John M Burke	66	Mike R Freshley	77
Bill Sherman	60	NASH	2:18.96	Richard M Whaley	66	Kenton R Jones	51
Robert W Wright	68	Charles LeMaistre	64	Tom Cornell	71	Nathan Ascher	47
GRA	1:53.59	Donald Cooper	60	400 M. MEDLEY R	MEN 240+	NEM	11:15.39
Tom Burke	59	Jeff Ockerman	63	RICE AQUATIC MAS	4:19.86 18	Craig Crawford	48
Bruce Menefee	59	Bruce B Dobie	60	JAY YARID		Steve Kolis	63
Robert H Wilson	67	WMST	2:19.82	DAVID GUTHRIE		Duncan P RyanMann	65
Dan Jensen	60	Greg J Tharp	68	JOHN FIELDS		Daniel J Rogacki	71
DCAC	1:56.24	Francisco J Godoy	60	BRUCE WILLIAMS		VMST	11:34.47
Jeffrey D Mead	62	Bruce W Rollins	69	RICE	4:19.86	Vic Mickunas	62
Jay N Fisette	62	Niels U Wolfhagen	62	Jay Yarid	55	Mitch Saks	60
Craig J Franz	65	SYSM	2:29.12	David M Guthrie	58	Jim McFarland	60
Jay M Calhoun	59	Chuck A Froman	61	John A Fields	62	Keith Q Murray	60
DAM	1:57.25	Tom J Weigand	61	Bruce F Williams	65	MEMO	11:37.24
Mark E Evans	60	Bob E Couch	71	MOVY	4:47.71	Mike O'Brien	63
Sean Keegan	45	Ross S Knowles	62	Brent D Miller	59	Thomas C Chew	61
Stuart L Kahn	65	CONN	2:32.15	Robert W Wright	68	Peter Tsugawa	60
Andrew McPherson	71	Gerald O Burbank	59	Michael Norberg	63	Stephen A Small	66
MINN	2:00.36	Robert Lamontagne	60	Bill Sherman	60	MINN	12:53.86
Patrick Strother	65	William Geoghegan	68	GRA	5:01.69	Thomas A Hodgson	69
Brian K Holthus	61	Peter Canning	60	Bruce Menefee	59	David C Arlander	77
Marc S Anderson	69	ANCM	2:34.27	Robert H Wilson	67	Robin T Kleffman	71
Darrell J Smith	62	Roger F Leonard	70			Brian K Holthus	61
		Dan Morrow	69				

CONN	13:05.07	DAM	2:47.70	Thomas A Hodgson	69	LEE CHILDS	
Christopher Doyle	54	Stuart L Kahn	65	Jim T Langland	66	KEEFE LODWIG	
Gerald O Burbank	59	Curtis M Finley	65	SCHH	6:43.94	PBM	10:15.50
Paul M Epstein	72	Andrew McPherson	71	Jim Bedient	72	David Quiggin	74
Peter Canning	60	Robert F Norris	80	Chet Richards	72	George L Schmidt	68
200 M. FREE REL MEN 280+		ARIZ	2:48.09	Rick McFadden	66	Lee Childs	70
GOLD COAST MASTE 1:54.44 15		Bill Ton	71	Pete Gordon	73	Robert A Heacock	69
KEEFE LODWIG		Robert P Emahiser	65	LVM	6:44.10	MINN	11:36.46
JAN SODERSTROM		Craig A Shaffer	72	T Christensen	62	Pete Magee	81
LEE CHILDS		John W Leet	73	Bob Stone	77	Darrell J Smith	62
DAVID QUIGGIN		ARIZ	2:48.27	Victor M Cochran	70	Daniel Kornblatt	69
PBM	1:56.78	Carl B Marriott	70	Walter R Butler	86	Marc S Anderson	69
David Quiggin	74	Douglas Springer	72	VMST	6:57.85	PSM	12:37.23
Robert A Heacock	69	James S Spiegel	71	Carl Russ	83	Dan L Kirkland	70
George L Schmidt	68	Jack Allison	67	James W Slaughter	73	Barney Voegtlen	69
Lee Childs	70	NEM	2:49.07	Ralph B Swiger	62	Dan Underbrink	62
NEM	2:20.62	Daniel Epstein	68	Bryan A Stone	62	James Bowditch	81
Daniel Epstein	68	Starbuck Smith	75	400 M. MEDLEY R MEN 280+		ROSE	13:10.37
Raymond Zelehoski	70	Raymond Zelehoski	70	Erik A Sterne	66	Michael W Farmer	71
Bronly S Boyd	74	John R Olander	68	Peter E Ronay	76	William Fleming	83
John R Olander	68	GERM	2:49.21	ROBERT HEACOCK		WCM	13:25.70
SYSM	2:21.59	Stephen G Wright	69	LEE CHILDS		Keith S Feiring	71
John M Burke	66	Ronald E Greger	74	DAVID QUIGGIN		Bob B Upshaw	69
John F Johnston	71	Mark C Walters	66	PBM	5:02.50	Stan F Morner	84
David W Oakes	78	David L Robinson	75	George L Schmidt	68	Michael Williams	69
Tom Cornell	71	EAM	2:54.23	Robert A Heacock	69	O*H*	14:30.59
ARIZ	2:23.97	Lonnie Valentine	70	Lee Childs	70	Bruce C Allen	71
Terry Ludwig	68	George A Murphy	81	David Quiggin	74	Robert G McDonald	69
Craig A Shaffer	72	Richard K Smith	73	SYSM	6:07.57	Thomas E Spence	74
John W Leet	73	Gary H Rodefied	65	Jan Soderstrom	73	Lawrence A Terkel	71
Jack Allison	67	RHMS	2:56.50	Jim Matysek	59	LVM	15:28.58
ARIZ	2:27.50	Donald Soroka	86	Terry J Brinkman	71	Peter Jauch	54
Carl B Marriott	70	Greg Laudenslager	57	David W Oakes	78	Walter R Butler	86
James L Oswald	70	Eric D Van Boer	64	MINN	6:45.37	Victor M Cochran	70
Bill Ton	71	Donald A Pierce	73	John Maguire	63	Bob Stone	77
James S Spiegel	71	MINN	3:04.39	Bill Kansas	82	PBM	16:21.06
MINN	2:27.75	Neill F Merck	72	Marc S Anderson	69	Thomas Hogan	83
Marc S Anderson	69	Robin T Kleffman	71	Jay Johnston	66	Alex Fisher	79
Niel R Petersen	80	Marc S Anderson	69	ARIZ	6:58.40	Wiley R Reynolds	75
Daniel Kornblatt	69	Niel R Petersen	80	Craig A Shaffer	72	Patrick Cannan	78
Ralph S Bovard	66	400 M. FREE REL MEN 280+		John W Leet	73	200 M. FREE REL MEN 320+	
EAM	2:30.84	GOLD COAST MASTE 4:21.85 15		James S Spiegel	71	SAN DIEGO SWIM M 2:25.21 06	
Richard K Smith	73	LEE CHILDS		Carl B Marriott	70	FRANK PIEMME	
Gary H Rodefied	65	JAN SODERSTROM		WH20	7:17.44	JURGEN SCHMIDT	
Lonnie Valentine	70	KEEFE LODWIG		Paulo Figueiredo	72	DALE WEBSTER	
George A Murphy	81	DAVID QUIGGIN		Charles W Myers	65	KEN KIMBALL	
ROSE	2:32.23	OREG	5:18.04	Neal T Wiener	74	SDSM	2:31.26
Erik A Sterne	66	Willard J Lamb	96	Bill W Donovan	75	Peter Andersen	75
Michael W Farmer	71	David Hathaway	58	ARIZ	7:43.93	George L Carey	76
Peter E Ronay	76	David A Radcliff	84	Glenn A Tewksbury	85	Tom Mitchell	85
William Fleming	83	Scot A Sullivan	52	Douglas Springer	72	Bob Best	86
VMST	2:33.15	WH20	5:33.55	Eugene A Hildreth	76	GOLD	2:38.51
Warner F Brundage	75	Charles A Larson	66	Al Worth	83	Cav Cavanaugh	83
Bill L Nelson	65	Neal T Wiener	74	VMST	8:06.27	David R McIntyre	81
L Clay Beall	72	Jay R Olson	69	Alfred C Newbury	84	Michael A Dively	80
Roger N Whiteway	72	Paulo Figueiredo	72	James W Slaughter	73	Bill Dykstra	81
MINN	2:38.11	ARIZ	5:37.07	Ralph B Swiger	62	MINN	3:18.96
John Bergman	76	Robert P Emahiser	65	Bryan A Stone	62	Bill Kansas	82
Thomas A Hodgson	69	James S Spiegel	71	TSUN	8:07.85	Niel R Petersen	80
Mark Kaplan	69	Craig A Shaffer	72	Neil E Hart	73	Pete Magee	81
Robin T Kleffman	71	Douglas Springer	72	Steve K Murray	63	David C Arlander	77
200 M. MEDLEY R MEN 280+		ARIZ	5:46.01	Duke Dahlin	70	WCM	3:23.58
PALM BEACH MASTE 2:13.40 18		John W Leet	73	A J Landucci	75	Frank B Nieman	86
ROBERT HEACOCK		Terry Ludwig	68	LVM	8:19.52	Robert W Mayo	85
GEORGE SCHMIDT		Carl B Marriott	70	Walter R Butler	86	Stan F Morner	84
LEE CHILDS		Bill Ton	71	Bob Stone	77	Robert H Olson	74
DAVID QUIGGIN		SDSM	5:47.14	T Christensen	62	200 M. MEDLEY R MEN 320+	
PBM	2:13.40	Peter Andersen	75	Victor M Cochran	70	GEORGIA MASTERS 2:48.29 14	
Robert A Heacock	69	Tom Mitchell	85	ARIZ	8:59.19	CLARKE MITCHELL	
George L Schmidt	68	Mike R Freshley	77	Ted G Pierce	76	ALBERT WOODS	
Lee Childs	70	George L Carey	76	Jack R Fritz	85	HAL STOLZ	
David Quiggin	74	MINN	6:06.82	Jack Allison	67	DAVID MILLER	
SYSM	2:37.47	Marc S Anderson	69	James L Oswald	70	GOLD	3:00.25
Jan Soderstrom	73	Bill Kansas	82	800 M. FREE REL MEN 280+		Bill Dykstra	81
Jim Matysek	59	Neill F Merck	72	GOLD COAST MASTE 10:07.45 15		Karl E Wiedemann	80
Terry J Brinkman	71	Ralph S Bovard	66	DAVID QUIGGIN			
David W Oakes	78	MINN	6:13.89	CAV CAVANAUGH			
		John Bergman	76				
		Mark Kaplan	69				

David R McIntyre	81	FACT	3:56.13	PSM	2:19.15	Katie Grier	40
Cav Cavanaugh	83	Edwin H Graves	95	Katie A Kaestner	24	James A Henderson	24
SDSM	3:03.84	John E Cornell	91	Rachel J Omdal	19	MVN	1:58.37
Bob Best	86	John D Corse	94	Trevor D Johnson	22	Michele R Supance	34
Peter Andersen	75	William M Zani	80	Daniel S Schleh	21	Daniel C Peralta	22
Mike R Freshley	77			PSM	2:25.56	Alex Bae	23
Tom Mitchell	85	200 M. MEDLEY R	MEN 360+	Kasey Cruz	20	Danny P Giometti	32
MINN	3:45.45	FLORIDA AQUATIC	4:30.72 14	Jaycob Davies	21	NEM	2:05.78
Pete Magee	81	ROGERS HOLMES		Blake T Nixon	21	Danielle M Caron	27
David C Arlander	77	WILLIAM ADAMS		Miranda Caulfield	21	Mark Wild	27
Bill Kansas	82	JOHN CORSE		AWLM	3:12.85	Kaitlin McGahie	23
Niel R Petersen	80	EDWIN GRAVES		Matt W Jones	27	Brian McGahie	25
WCM	4:35.87	FACT	4:33.18	Peter Vila	25	PSM	2:06.64
Robert W Mayo	85	Edwin H Graves	95	Caitlin Hass	18	Daniel Perlovsky	23
Frank B Nieman	86	William M Zani	80	Corinne E Harris	19	Nathan Block	23
Stan F Morner	84	John E Cornell	91	400 M. FREE REL MIXED	72+	Julene Martin	40
Fred Boettler	83	John D Corse	94	METRO MASTERS SW	3:53.00 04	Morena I Calvo	31
ARIZ	4:59.75			PAUL BUREN		NEM	2:15.83
Ted G Pierce	76	400 M. FREE REL	MEN 360+	PAUL SCHNED		Mary Salcedo	30
Harold E Peter	84	FLORIDA AQUATIC	9:52.10 14	MEGAN GRIFFIS		Matthew Larzelere	18
Stan J Strebjg	76	ROGERS HOLMES		ERIN ABBEY		Amy Rinaldo	32
Jack R Fritz	85	JOHN CORSE		NEM	4:00.55	Mark Vanacore	29
400 M. FREE REL	MEN 320+	EDWIN GRAVES		William Manion	25	PSM	2:17.29
SAN DIEGO SWIM M	5:40.37 07	WILLIAM ADAMS		Jessica Ryabin	24	Sarah Wheatley	31
FRANK PIEMME		No Relays		Molly A Smith	27	Brandon C Tennant	21
DALE WEBSTER		800 M. FREE REL	MEN 360+	Jason P Weis	22	Jillian R Deas	35
JURGEN SCHMIDT		FLORIDA AQUATIC	21:24.39 14	AWLM	5:50.17	Jason L Hunter	32
BOB BEST		ROGERS HOLMES		Caitlin Hass	18	200 M. MEDLEY R MIXED	100+
SDSM	6:08.26	EDWIN GRAVES		Matt W Jones	27	GOLDEN ROAD AQUA	1:48.37 17
Tom Mitchell	85	JOHN CORSE		Peter Vila	25	MARGO ACEINO	
Tony Ralphs	75	No Relays		Corinne E Harris	19	LUKE PECHMANN	
Bob Best	86	MIXED RELAYS		400 M. MEDLEY R MIXED	72+	ALEXANDER ACEINO	
Peter Andersen	75	200 M. FREE REL MIXED	72+	ORANGE COAST MAS	4:20.54 09	L IBANEZ LOPEZ	
ARIZ	6:12.94	THE OLYMPIC CLUB	1:43.33 95	KEITH RYAN		ARIZ	1:57.98
Glenn A Tewksbury	85	SHARON SCOTT		KEVIN MILLER		Marina Spadoni	25
Ted G Pierce	76	ALICIA WALKER		ALEAH AMR		Derek Knittle	28
Kenneth McKinney	79	JAMIE PATRICK		KIERSTIN COLESEN		A Kirkpatrick	30
Al Worth	83	MARTIN HERMANN		NEM	5:45.98	Hilary Ottaviano	27
GOLD	6:16.42	PSM	2:01.61	Danielle M Caron	27	MMAC	1:59.45
Cav Cavanaugh	83	Emily J Murray	22	Kaitlin McGahie	23	Kelly M Harrigan	34
David R McIntyre	81	Madelynn R Sare	22	Mark Wild	27	Richard Edgar	29
Bill Dykstra	81	Nathan Bock	20	James O'Connor	21	Ethan I Fisher	25
Michael A Dively	80	Nicholas Pederson	22	AWLM	6:50.73	Aleesha Lewis	30
400 M. MEDLEY R	MEN 320+	Trevor D Johnson	22	Ian M Soules	23	MVM	2:09.14
MICHIGAN MASTERS	6:35.34 16	Daniel S Schleh	21	Sara E Slawta	25	Wilfred R Garcia	28
RAY MARTIN		Rachel J Omdal	24	Opio C Douglas	21	Catherine Harris	36
JOEL LOCKWOOD		Katie A Kaestner	24	Caitlin Hass	18	Amanda Schmitz	28
ERIK LOKENSGARD		PSM	2:14.32	800 M. FREE REL MIXED	72+	Andrew H Wrist	26
WALLIE JEFFRIES		Jordyn Gates	19	TERRAPIN MASTERS	8:51.55 03	MINN	2:10.11
SDSM	6:48.42	Hannah MacKintosh	20	MEREDITH STAKEM		Erick Huft	23
Bob Best	86	Austin D Clark	23	KELLY BOWMAN		Ashley M Gregory	33
Peter Andersen	75	Blake T Nixon	21	JEFFREY STRAHOTA		C Fittipaldi	25
Mike R Freshley	77	AWLM	2:36.64	JAMES CROWDER		Wilson Josephson	24
Tom Mitchell	85	Jacob Basini	20	AWLM	12:05.84	INDY	2:13.37
800 M. FREE REL	MEN 320+	Matt W Jones	27	Caitlin Hass	18	E Hollingsworth	31
MICHIGAN MASTERS	12:15.50 16	Lauren Bergquist	19	Peter Vila	25	Daniel Day	23
WALLIE JEFFRIES		Gina M Grant	20	Sara E Slawta	25	Molly K Meyer	24
JOEL LOCKWOOD		AWLM	3:03.45	Matt W Jones	27	Stephanie Long	28
RAY MARTIN		PHOENIX SWIM CLU	1:40.78 13	200 M. FREE REL MIXED	100+	NEM	2:22.66
ERIK LOKENSGARD		HERBERT BEHM		PHOENIX SWIM CLU	1:40.78 13	P Muthukumar	32
GOLD	14:21.51	JAN KONARZEWSKI		HERBERT BEHM		Jessica Ryabin	24
Cav Cavanaugh	83	ERIN CAMPBELL		JEFFREY STRAHOTA		Ginger B Howell	33
Bill Dykstra	81	NORIKO INADA		JAMES CROWDER		Mark Vanacore	29
Michael A Dively	80	ROSE	1:43.76	AWLM	12:05.84	400 M. FREE REL MIXED	100+
David R McIntyre	81	Ralph J Porrazzo	26	Caitlin Hass	18	GOLDEN ROAD AQUA	3:41.64 17
200 M. FREE REL	MEN 360+	Lauren Frendreis	29	Peter Vila	25	L IBANEZ LOPEZ	
FLORIDA AQUATIC	3:56.13 18	Michelle K Duraj	26	Sara E Slawta	25	ALEXANDER ACEINO	
EDWIN GRAVES		Andrew P Lum	25	Matt W Jones	27	MEGAN JEX	
JOHN CORNELL		1693	1:47.59	200 M. FREE REL MIXED	100+	MARIO MARSHALL	
JOHN CORSE		Cory Camp	23	PHOENIX SWIM CLU	1:40.78 13	WMST	4:21.17
WILLIAM ZANI		Megan Northshield	26	HERBERT BEHM		Phillip Gavino	19

Adrine L Bimanand	32	HOPK	1:55.09	Sadie Fieni	28	Erik D Petersen	30
Michael Gribble	23	Adrian Carpenter	27	C Hallman-Kenner	53	Allison L Cox	34
NEM	5:14.35	Rachel A Krejci	36	MAM	2:14.58	UMAC	4:32.22
Danielle M Caron	27	Frimerman-Bergqui	35	Rick M Hamilton	51	Courtney Randolph	27
Allison T Ryan	24	Joseph M Anderson	33	David Law	33	Michael Goodison	46
Mark Wild	27	PBM	1:55.36	Stephanie McQuade	31	Brett C Laplante	30
Craig Mitchell	28	Daniel J Lebost	31	Eve G Maidenberg	42	Laura C Rose	32
NEM	5:59.89	Kingberly Perez	27	400 M. FREE REL MIXED	120+	LVM	4:58.58
Laura M Dennison	34	C Raininger	28	GOLDEN ROAD AQUA	3:48.17 18	Melissa Giovanni	39
Cindy Su	24	Chris Cole	34	MEGAN MELGAARD		Peter Jauch	54
Benjamin Chelmos	26	CHEL	1:55.71	MEGAN JEX		Gareth Cocks	29
Mark Vanacore	29	Julien R Cohen	24	LUKE PECHMANN		Kasey Marks	23
400 M. MEDLEY R MIXED	100+	Michael C Sabala	38	TONY COX		MAM	5:07.10
NEW ENGLAND MAST	4:16.58 02	Kasia M Sawicz	34	GRA	3:48.17	Susanne P Rublein	48
BENJAMIN LO-PINTO		Cory E Miller	29	Megan E Melgaard	38	David Law	33
S MORAWSKI		UMAC	1:56.76	Megan R Jex	27	Ryan Dunlap	36
JASON EADDY		Jeffrey Strahota	38	Luke A Pechmann	28	Eve G Maidenberg	42
JESSICA STOKES		Marlena L Tonelli	30	Tony Cox	28	GERM	5:07.46
ARIZ	4:34.39	Mollie K Grover	37	OREG	3:56.89	Evan M Murdock	21
Marina Spadoni	25	Andrew F Ellis	50	Scot A Sullivan	52	Jason J George	31
Derek Knittle	28	MINN	1:58.43	Matt Miller	41	Jenny Carswell	44
A Kirkpatrick	30	Kathryn E Vandam	33	Jessica L Stacy	29	Lisa M Chin	37
Hilary Ottaviano	27	Robert E King	54	Hailey Bambusch	28	ROSE	5:12.50
OAKS	5:14.68	Wilson Josephson	24	WH20	4:00.22	Lauren Turner	26
Andrea J Kalsow	28	Erin E Piorier	41	Nikola Delic	33	Anna Freeman	31
Luke Piscitelli	25	MAM	1:58.55	E Vucinich	38	Tait C Ecklund	37
Lauren F Maietta	30	David Law	33	Keely MacDonald	29	Mike Freeman	32
Alec Pombriant	29	Stephanie McQuade	31	Sam B Stryker	28	DCAC	5:43.46
GRA	5:14.89	Susanne P Rublein	48	PSCM	4:05.04	John Tustin	42
Catherine Higley	27	Ryan Dunlap	36	Stanislav Saiko	26	Noura Hemady	32
Julia B Fearn	33	200 M. MEDLEY R MIXED	120+	Ken A Barcinas	26	Kevin Bobsein	34
Tony Cox	28	PHOENIX SWIM CLU	1:47.51 13	Marika W McCue	55	Faren A Campbell	32
Robert W Daltorio	26	NORIKO INADA		A Mayer-Liotta	39	NEM	5:56.52
GRA	5:23.67	JEFF COMMINGS		PBM	4:08.05	Salvador A Rosado	33
D Shiomoto	29	ERIN CAMPBELL		Daniel J Lebost	31	Amy Rinaldo	32
Adrine L Bimanand	32	JAN KONARZEWSKI		Kingberly Perez	27	Cindy Su	24
Michael Gribble	23	GRA	1:50.88	C Raininger	28	Edward H Mills	50
Calum Brockie	24	Megan E Melgaard	38	Daniel Lotano	38	MEMO	6:21.62
800 M. FREE REL MIXED	100+	Mike Alexandrov	33	SVY	4:22.32	Nicole D Dana	31
NEW ENGLAND MAST	8:29.16 06	Tony Cox	28	Melanie A Mahaney	28	Minh Ngo	47
ANDREW FERGUSON		Megan R Jex	27	Gary Sangmeister	47	Keith Hertzner	45
DORI MILLER		SLAM	2:02.35	Laura A Stone	26	Rivkah Cohen	30
ANDREA YTTRE		J Iwaszkowiec	42	Chris Derr	44	800 M. FREE REL MIXED	120+
RICK CARDOSO		Jeffrey P Enge	30	Laura A Stone	26	NOVAQUATICS MAST	8:25.57 12
MVM	9:09.77	Lori F Lynn	25	1693	4:22.63	CYNTHIA LEWIS	
Amanda Schmitz	28	S Petersen	56	Samuel Yund	23	EVAN KRAUS	
Andrew H Wrist	26	PSM	2:03.32	Hayley Wittsack	33	AMY COLLINS	
Wilfred R Garcia	28	Kristine A Cox	40	Megan Northshield	26	DICKIE FERNANDEZ	
Catherine Harris	36	Jakub P Kotynia	30	Ted Lynch	49	PBM	9:54.48
200 M. FREE REL MIXED	120+	Erik D Petersen	30	MINN	4:22.66	Laura Nuudi	37
EL SEGUNDO MASTE	1:41.37 00	Morena I Calvo	31	Erin E Piorier	41	Caitlin G Dundey	30
BERT BERGEN		WH20	2:03.69	Wilson Josephson	24	Daniel J Lebost	31
PAIGE FRANCIS		E Vucinich	38	Robert E King	54	Daniel Lotano	38
D GRANER-GALLAS		Craig Sinel	44	Kathryn E Vandam	33	ROSE	10:51.73
DEREK ROBINSON		Adam J Larson	37	ROSE	4:26.41	Lauren Turner	26
GRA	1:44.56	Keely MacDonald	29	Tait C Ecklund	37	Anna Freeman	31
Megan E Melgaard	38	PALM	2:04.89	Chad A Durieux	39	Mike Freeman	32
Megan R Jex	27	Kari Yocum	41	Lauren Turner	26	Tait C Ecklund	37
Jacob Cook	30	Justin Conner	23	Elizabeth Jenkins	31	SFTL	12:11.06
Luke A Pechmann	28	Erin C Moro	40	DCAC	4:36.39	Kathleen J Stutz	36
PALM	1:50.34	Daniel R Thaler	31	Eric W Czander	53	Jenny Ayala	45
Justin Conner	23	ROSE	2:07.07	Noura Hemady	32	Raymond F Cox	43
Erin C Moro	40	FRANK GODOR	40	Matthew B Quinn	35	Ryan Armpriester	33
Sadie Fieni	28	Chad A Durieux	39	400 M. MEDLEY R MIXED	120+	SPP	13:23.82
Daniel R Thaler	31	Brooke Bennett	30	PHOENIX SWIM CLU	3:56.24 13	Natasha Kopp	50
SLAM	1:53.84	Katie M Benson	23	NORIKO INADA		Joseph Alvarado	24
J Iwaszkowiec	42	1693	2:12.32	JEFF COMMINGS		Katie Adler	33
Jeffrey P Enge	30	Christoph Berger	28	ERIN CAMPBELL		Anthony Galvez	21
Lori F Lynn	25	Ellen Minzenmayer	30	JAN KONARZEWSKI		GOLD	15:39.36
S Petersen	56	William Bender	57	GRA	4:28.82	Ramon Montero	31
GERM	1:54.95	Hayley Wittsack	33	Megan E Melgaard	38	Edymar Uzcategui	34
Dorota M Hassett	41	KFAC	2:12.90	Kenny D Duarte	29	Valeria Van Balen	19
Lisa M Chin	37	Alison O'Connor	25	Billy Gaines	37	Nicholas Perry	37
Bryan C Rivera	34	Marjie Bruchez	38	Kate Hibbard	34	200 M. FREE REL MIXED	160+
Matthew Paushter	39	Apurva Kulkarni	31	PSM	4:30.63	COLORADO MASTERS	1:42.03 09
		Mark Lorson	33	Kristine A Cox	40	RICHARD ABRAHAMS	
		David E Rieder	24	Jakub P Kotynia	30	S VON DER LIPPE	
		Michael J Malik	37				

SHERI HART		MINN	2:09.37	Sarah L Bennett	55	Tasha Capen	52
CHRIS O'SULLIVAN		Kathryn E Vandam	33	Ryan Armpriester	33	Allen Tang	22
LASH	1:50.62	Brian L Jacobson	45	ALB	5:15.75	ROSE	11:14.84
Adam Kotkiewicz	41	Robert E King	54	Carol J Nip	61	Ursula Angell	46
C Messenlehner	43	Erin E Piorier	41	Patrick L Malaga	52	N Doudikian-Scaff	48
Mary Kay Krause	41	YCFM	2:10.38	Tonia Lowe	47	Sean C Paxton	49
Brian Lovett	44	Sabrina Campbell	42	A Rossbach	28	Peter M Hixson	52
HAFI	1:51.23	Andy Matthias	43	400 M. MEDLEY R MIXED	160+	VMST	12:11.83
Ben Mayes	24	Brodie Hynes	44	COLORADO MASTERS	4:10.32 09	Brook Sexauer	54
Martin J Torres	41	Julie C Kamat	31	SHERI HART		Ralph B Swiger	62
Ann K Stewart	48	PSM	2:10.40	S VON DER LIPPE		C Scharver	42
Dale A LeClair	49	John H Keppeler	51	CHRIS O'SULLIVAN		Denise M Letendre	30
SYSM	1:52.30	Carl Haynie	58	RICHARD ABRAHAMS		NCMS	12:22.52
Matthew Coan	33	Erin C McPeak	38	PBM	4:35.27	Dana M Greene	49
Casey M Keiber	41	Allison L Cox	34	Laura Nuudi	37	V Gratsou-Zodl	48
Melissa D Varlas	45	1693	2:11.19	Barry Garland	40	Sonny Nguyen	39
Johnnie A Pearson	45	Michele Choe	41	Daniel Lotano	38	Mark S Rubacky	49
YCFM	1:52.32	Rich Williams	43	Lisa Blackburn	47	LBG	12:25.15
Andy S Kroupa	49	Kraig A Gass	39	HAFI	4:39.09	Chris Fowler	52
Sabrina Campbell	42	Julia Davidson	42	Ann K Stewart	48	Jeff Liu	44
Julie C Kamat	31	RMST	2:12.63	Ben Mayes	24	Elizabeth Carlin	44
Chip Castagnos	49	Adam Orton	37	Martin J Torres	41	Genny Hunt	29
1693	1:52.51	Craig M Baldwin	44	Dale A LeClair	49	HAFI	12:43.06
Rich Williams	43	Amy H Bass	48	Heather Ireland	28	Julie Finlon	35
Katie Grier	40	Margaret Shapiro	42	Rob E Allen	53	Elaine C Joggerst	47
Kraig A Gass	39	SYSM	2:17.69	Trent Theroux	51	David M Walley	53
Krista Gass	39	Johnnie A Pearson	45	Angelina Bonin	33	John S Grzeszczak	60
RMST	1:56.06	John R Groseille	39	NEM	5:11.79	MEMO	14:00.99
Craig M Baldwin	44	Daphne R Elliott	50	Melinda Williams	37	Franck S Ardourel	54
Amy H Bass	48	Rebecca A Aten	42	Craig Hersh	47	Koung Chaayasane	34
Margaret Shapiro	42	400 M. FREE REL MIXED	160+	Molly Lunn Owen	29	Rebecca Espinosa	48
Adam Orton	37	COLORADO MASTERS	3:46.01 09	Bob Haring-Smith	66	Robert Inchausti	56
PSM	1:57.40	CHRIS O'SULLIVAN		ALB	5:20.78	200 M. FREE REL MIXED	200+
Mats Nygren	52	RICHARD ABRAHAMS		Ursula A Dailey	28	N CAROLINA MASTE	1:46.08 14
Lianna M Badran	44	S VON DER LIPPE		Berrin Yavuzer	51	ERIKA BRAUN	
Holly Lickwala	42	SHERI HART		A Rossbach	28	SUE WALSH	
Max L Hanson	51	HAFI	4:08.17	Robert Durell	67	JON BLANK	
SDSM	1:58.84	Ben Mayes	24	SFTL	5:25.28	JONATHAN KLEIN	
Sergii Kukharskyi	29	Martin J Torres	41	Jenny Ayala	45	ROSE	1:58.91
Jennifer Leader	40	Ann K Stewart	48	Graeme A Fiser	52	Cecilie Boysen	54
Lisa Souders	44	Dale A LeClair	49	Andy Fischer	51	Kim O'Grady	57
Kenton R Jones	51	1693	4:14.84	Mariela Guerra	29	Thomas S Taylor	59
ROSE	2:01.55	Douglas K Slater	61	Stephanie Winslow	37	Dan Stephenson	61
David D Galluzzi	44	Shannon E Greene	33	Mathew C Card	31	PSM	2:02.51
William McBride	45	Adrian Maholchic	41	Douglas Sayles	51	David Hansen	58
Ursula Angell	46	Katie Grier	40	Mary Gurchiek	53	Debi M Overby	54
Nancy L Leichter	47	MAM	4:17.95	MINN	5:43.51	Doug S Thompson	70
WMST	2:01.84	Rick M Hamilton	51	Brenda L Thornton	45	Amy M Arisco	51
P Dieffenthaler	53	Stephanie McQuade	31	Lisa R Peterson	46	NEM	2:04.69
Christina M Toth	38	Eve G Maidenberg	42	Bill Milne	42	Gayle M Wettach	61
Considine-Miller	55	Ryan Dunlap	36	Shane C Peterson	48	David S Judelson	62
Phillip Gavino	19	YCFM	4:25.26	NCMS	5:47.07	Vivian L Samson	42
200 M. MEDLEY R MIXED	160+	Julie C Kamat	31	Mary G Dore	55	Roman Kishchenko	45
COLORADO MASTERS	1:53.38 09	Brodie Hynes	44	Sonny Nguyen	39	NCMS	2:05.27
SHERI HART		Patty A Fennell	55	Mark S Rubacky	49	Karen M Stump	40
S VON DER LIPPE		Andy Matthias	43	Dana M Greene	49	Sara Dunn	46
CHRIS O'SULLIVAN		KFAC	4:33.22	GOLD	6:01.42	Paul W Denison	61
RICHARD ABRAHAMS		Sean P Correll	51	C Stickle	28	John Moore	56
PBM	2:02.55	Alison O'Connor	25	Carole Alexander	66	SYSM	2:07.48
Laura Nuudi	37	Rhonda Grasberger	53	Kirk Arthur	51	Dimitry Kantor	41
Barry Garland	40	Mark Lorson	33	Charlotte L Schou	29	Jo-Ann Elo	57
Daniel Lotano	38	SYSM	4:36.99	800 M. FREE REL MIXED	160+	Cathy A Fedako	57
Lisa Blackburn	47	Johnnie A Pearson	45	WALNUT CREEK MAS	8:26.62 09	Dean T Mitchinson	50
LASH	2:02.67	Dimitry Kantor	41	JACK SORENSEN		RHMS	2:08.02
Adam Kotkiewicz	41	Daphne R Elliott	50	ALISON ZAMANIAN		Eric D Van Boer	64
Brian Lovett	44	Rebecca A Aten	42	MARGEE CURRAN		Greg Laudenslager	57
Erin Orben	34	WCM	4:44.69	ROQUE SANTOS		Jennifer Houts	53
Mary Kay Krause	41	Patrick J Wen	46	HAFI	9:18.24	Linda Hepworth	65
HAFI	2:06.01	Marissa G Nonaka	40	Ben Mayes	24	MOST	2:09.10
Ann K Stewart	48	Ann Ongerth	44	Martin J Torres	41	Steven C Richey	58
Ben Mayes	24	R Chris Stump	48	Ann K Stewart	48	Julie O Eakle	58
Martin J Torres	41	NCMS	5:01.01	Dale A LeClair	49	Suzanne E Cuda	58
Dale A LeClair	49	Dana M Greene	49	MELO	10:40.16	Andrew J Gale	52
NCMS	2:08.12	Mary G Dore	55	Christopher Cocca	53	PALM	2:10.51
Alicia K Uhl	41	Sonny Nguyen	39	Stephanie D Couch	54	E De Herder	60
Kerry Lindauer	44	Mark S Rubacky	49			Jay Brzezinski	71
Scott J Dallamura	40	SFTL	5:12.50			A Betenbaugh	33
John Moore	56	Graeme A Fiser	52			Terry R Vogler	46
		Jenny Ayala	45				

ANCM	2:10.84	MOVY	4:31.27	Erin C McPeak	38	200 M. FREE REL MIXED	240+
Kristen A Koehler	38	J Stover Halgren	42	Kathy Pelham	45		
Nanci K Sundel	53	Heather Huettner	53	DAM	5:23.90	NORTH TEXAS LONE	1:52.68 15
James Vandegriff	62	Kurt Grimm	47	Jane E Russell	55	DOUG MARTIN	
George Humbert	50	Bill Sherman	60	Sean Keegan	45	TOM BARTON	
OREG	2:10.85	GERM	4:40.33	Mark E Evans	60	C MCKELVEY	
Sarah J Rogers	42	Daniel B Blitz	51	Cecily Sprouse	62	LYNN MORRISON	
Scott Hogg	52	Jeanne L Lappin	63	NEM	5:24.96	WCM	2:03.25
Jeannette Murphy	53	Denise L Dombay	52	Michael P McCombs	62	Bryan D Volpp	61
Larry E Wright	69	Matthew Paushter	39	Marcia A Witkus	48	Charlene O'Brien	62
		ANCM	5:36.24	Laura E DeLorey	56	Bonnie M Bilich	60
200 M. MEDLEY R MIXED	200+	Holly A Donnelly	46	Tim Allen	65	Kerry L O'Brien	61
		Julie Roddin	42	SDSM	5:26.47	PBM	2:06.32
BLU FROG TEAM	1:57.65 12	Todd J Moses	44	Jennifer Leader	40	Joseph Wotton	59
SHERI HART		David C Harmon	69	Lisa Souders	44	Joan P Craffey	65
DANIELLE CHANCE		NEM	5:37.83	Nathan Ascher	47	Chris Wenzel	59
MARC MIDDLETON		Stephanie Winslow	37	Tony Ralphs	75	Michael Aubrey	57
RICHARD ABRAHAMS		Tim Morse	70	HOLY	5:35.16	SYSM	2:09.62
SYSM	2:06.89	Michael T Garr	65	Michelle A Toner	38	Bert Bowers	64
Edward H Mench	52	Mary Gurchiek	53	Scott Cochran	66	Daphne R Elliott	50
Casey M Keiber	41	GRA	5:48.72	Bruce T Plate	52	Nancy Kryka	63
Melissa D Varlas	45	Scherwat Ducourne	68	Mary P FitzGerald	51	Jeffrey Boatright	65
Jack R Groselle	64	Lindsay A Fuller	34			CVMM	2:11.27
PALM	2:13.13	Rick Grant	64	800 M. FREE REL MIXED	200+	Doug J Koehler	52
David Betenbaugh	43	Tom Burke	59			Clive G Edwards	65
E De Herder	60	WCM	6:01.72	ILLINOIS MASTERS	8:36.91 15	Niki F Stokols	61
Evan F Ekman	54	Allison M Dibley	56	LIZ DILLMANN		Kirkpatrick-Reno	63
Stacey L Bruce	44	Lisa M Asta	53	DAVID SIMS		MEMO	2:14.38
CVMM	2:19.73	Bechir Romdhane	54	ANDREA BLOCK		Mike O'Brien	63
Cynthia M Zutter	53	Kerry L O'Brien	61	JIM TUCHLER		Louise Rafkin	60
Doug J Koehler	52	ALB	6:10.24	CVMM	9:24.11	Marcia S Benjamin	62
Deanna C Koehler	49	Robert Durell	67	Kelly S Karren	45	Stephen A Small	66
Robert A Rosen	68	Leah A Carroll	57	Becky Cleavenger	55	MAM	2:15.51
ROSE	2:20.37	Steve Trutane	53	J Weiderman	52	Steve Cutting	61
Carol L Snell	52	Sabine A Klensch	38	Doug J Koehler	52	Ruth Y Shaps	71
Sean C Paxton	49	CAQT	6:20.00	OREG	9:28.95	Myra Chachkin	50
Cecilie Boysen	54	Thomas W Stebel	56	James A Adams	41	Robert H Heath	61
Ross Breitenbach	50	Dee Shedlow	53	Colette M Crabbe	62	CVMM	2:16.07
NEM	2:22.24	David M Douglass	64	Arlene DeImage	56	James R Aamoth	57
Jill Lancaster	45	Angelisa Crognale	40	Matt Miller	41	Keith A Robinson	60
Joseph Bevilacqua	52	MICH	6:33.94	SYSM	9:46.57	Cynthia M Zutter	53
Majed Elturkmani	64	Sue M Hadden	64	Rebecca A Aten	42	Diane G Smith	73
Donna M Neuendorf	50	Michael J Allon	29	Jim Matysek	59	1776	2:20.58
WCM	2:23.65	Mitzi C Amelon	55	Jo-Ann Elo	57	Joseph S Amundsen	73
Bonnie M Bilich	60	Ali Turfe	55	Johnnie A Pearson	45	Janet Jastremski	70
Paul A Carter	50			GRA	10:32.98	Laurie Hug	53
Charlene O'Brien	62	400 M. MEDLEY R MIXED	200+	Tom Burke	59	Robert B Jones	67
Bryan D Volpp	61			Carolyn Zderko	51	WCM	2:21.72
DAM	2:24.15	ILLINOIS MASTERS	4:23.63 15	Christine Hammond	54	Bob B Upshaw	69
Matt Roper	37	JIM TUCHLER		Bruce Menefee	59	Catherine Taylor	55
Jennifer R Phalen	54	DAVID SIMS		MOST	10:55.09	P Zuppan-Hood	54
Andrew McPherson	71	ANDREA BLOCK		Steven C Richey	58	Michael Williams	69
Jane E Russell	55	LIZ DILLMANN		Julie O Eakle	58	MOST	2:24.35
MOST	2:26.30	CVMM	4:37.00	Suzanne E Cuda	58	Lex Pegues	58
Jan A Miller	68	Jill E Gellatly	51	Andrew J Gale	52	Jan A Miller	68
Steven C Richey	58	Doug J Koehler	52	SFTL	10:59.12	Deborah Pederson	61
Andrew J Gale	52	Kelly S Karren	45	Mijares Martinez	51	Charles Michaels	59
Julie O Eakle	58	Becky Cleavenger	55	Carla Albano	60		
WMST	2:26.63	SYSM	4:57.41	Katie Martin	35		
Mary Anne Hines	61	Edward H Mench	52	Marty Hendrick	60		
Francisco J Godoy	60	Casey M Keiber	41	LVM	11:06.40		
Considine-Miller	55	Jeffrey Boatright	65	Jarvis I Marlow	42	200 M. MEDLEY R MIXED	240+
P Dieffenthaler	53	Jo-Ann Elo	57	T Christensen	62	PUGET SOUND MAST	2:07.54 15
PSM	2:32.09	MICH	5:01.36	Beverly B Meteyer	65	DONALD GRAHAM	
Shelley B Reimer	49	Lawrence J Day	67	Yolanda Palmer	40	RICK COLELLA	
Dennis L Sawyer	74	Corrin C Buck	54	SLAM	12:45.48	LISA DAHL	
Kristine A Cox	40	Jeff M Bailey	51	Jeffrey P Enge	30	CHARLOTTE DAVIS	
James J Stretch	67	Muffy MacKenzie	55	Diane D Jones	56	SDSM	2:17.58
		GERM	5:06.87	Laurence Walker	75	Cathy Ganze	61
400 M. FREE REL MIXED	200+	Denise L Dombay	52	Mary M Pohlmann	73	Peter Andersen	75
		Gustavo Sandi	46	MICH	13:19.64	Daniel Partin	48
NORTH CAROLINA M	3:56.10 14	Jeanne L Lappin	63	James D'Amour	57	Andra Jaunzeme	65
ERIKA BRAUN		Matthew Paushter	39	Meagan J Mayer	27	PBM	2:20.46
HENRY STEWART		SYSM	5:15.34	Sue M Hadden	64	Chris Wenzel	59
SUE WALSH		Johnnie A Pearson	45	Ali Turfe	55	Michael Aubrey	57
JONATHAN KLEIN		Jim Matysek	59	GRA	14:38.35	Mike LaMonica	58
CVMM	4:24.76	Rebecca A Aten	42	Heidi I Sheaks	49	Fran E Hare	68
J Weiderman	52	Nancy Kryka	63	Scott E Winslow	46	1776	2:27.57
Cynthia M Zutter	53	PSM	5:18.75	Bob Montes	54	Michael S Matz	57
Doug J Koehler	52	James L Mange	60	Scherwat Ducourne	68	Melinda S Wolff	65
Kelly S Karren	45	Carl Haynie	58			Robert B Jones	67
						Stephanie A Saucy	55

GERM	2:29.01	J McCullough	37	Paula Pendergast	64	200 M. MEDLEY R MIXED	280+
Lynne Andrews	71	Maggie H Tevis	70	Mark Kaplan	69		
Gustavo Sandi	46	TCAM	6:00.04	MEMO	13:43.81	TAMALPAIS AQUATI	2:22.04 15
Jeanne L Lappin	63	Cheryl M Harms	67	David L Bauer	63	LAURA VAL	
T Offenbacher	62	Kyle K Stock	45	Marcia S Benjamin	62	KENNETH FROST	
MESC	2:44.85	Sheryl A Parola	70	Kari L Boeger	52	RICHARD BURNS	
Bill Rupert	75	Matthew E Gass	61	Mark Aikele	63	NANCY RIDOUT	
Andrew R Cooke	75	SCHH	6:03.17	SCHH	14:27.74	SYSM	2:37.17
Anne Uecker	58	Jim Bedient	72	Jim Bedient	72	Bob E Couch	71
Mara Crans	52	Bonnie K Sotire	65	Bonnie K Sotire	65	Rick B Walker	68
SYSM	2:45.34	Cynthia A Smith	65	Cynthia A Smith	65	Julianna Holbrook	71
Ann H Guins	65	Pete Gordon	73	Pete Gordon	73	June Carson	70
Darryl W Sjoberg	73			SCHH	15:30.21	PSM	2:47.22
Tom Cornell	71	400 M. MEDLEY R MIXED	240+	Tom Bastian	62	Andrea M Hunt	70
Cathy A Fedako	57	OREGON MASTERS	4:43.20 09	Sheila M Jemella	59	Steven B Peterson	72
FREM	2:49.65	K ANDRUS-HUGHES		GINNY TAYLOR	60	Kate Carruthers	70
Birgitta Indaco	59	ALLEN STARK		CHESTER RICHARDS	72	Dan L Kirkland	70
Didier Moretti	60	COLETTE CRABBE		LBG	17:20.84	ARIZ	3:00.89
Phillip M Harter	64	DAVID RADCLIFF		Bart Parnes	62	Jill D Fritz	78
Victoria E Igel	62	CVMM	5:23.61	Stan M Smith	71	Douglas Springer	72
WH20	2:50.55	Kirkpatrick-Reno	63	Anita E Cole	71	Mark E Modjeska	65
Paulo Figueiredo	72	Clive G Edwards	65	Patricia C Hayes	65	Corinna Goodman	77
Jessica W Seaton	65	Mark Buckley	65	200 M. FREE REL MIXED	280+	O*H*	3:02.42
E Bartlett	32	Cynthia M Zutter	53			Yoshi Oyakawa	85
Neal T Wiener	74	VMST	5:46.24	TAMALPAIS AQUATI	2:08.53 15	Melinda J Smith	66
SCHH	2:58.26	Barbara E Boslego	67	RICHARD BURNS		Nick Douglass	69
Cynthia A Smith	65	Patricia M Miller	57	LAURA VAL		Marilyn Douglass	69
Jim Bedient	72	Gregory Harris	55	KENNETH FROST		MELO	3:17.14
Amy Koepf	44	Jim W Miller	68	NANCY RIDOUT		Ann Kay	84
Gary E Germeraad	68	MOVY	5:48.01	SYSM	2:12.10	Harlan A Pinto	61
LOCO	3:04.71	Susan Blattner	61	Bob E Couch	71	Tasha Capen	52
Peter Hoffmann	68	Dave N Noble	75	June Carson	70	John F Sulzbach	84
David B Jennings	71	Anthony Thompson	54	Julianna Holbrook	71	ANCM	3:22.90
Linda S Bamber	64	Laurie R Bisogno	66	Rick B Walker	68	Marshall R Greer	82
Mary Ann Capria	60	MEMO	6:01.18	PBM	2:15.71	Margot Pettijohn	72
400 M. FREE REL MIXED	240+	Stephen A Small	66	Lee Childs	70	David C Harmon	69
PUGET SOUND MAST	4:16.39 16	Louise Rafkin	60	Jeannie Mitchell	72	Lynda E Honberg	66
RICK COLELLA		Mike O'Brien	63	Fran E Hare	68	SYSM	3:24.05
CHARLOTTE DAVIS		Marcia S Benjamin	62	David Quiggin	74	David W Oakes	78
DAVE HANNULA		MAM	6:18.64	WCM	2:27.57	John F Johnston	71
LISA DAHL		Peg K Mc Partland	76	James R DeLacy	72	Carol Mitchell	69
CVMM	4:24.25	Rick M Hamilton	51	Stephanie I Scott	71	Mary S Carbonaro	64
Arlette A Godges	54	Ruth Y Shaps	71	Lori D Boettler	72	SCHH	3:39.83
Becky Cleavenger	55	Robert H Heath	61	Gordon E Bell	66	Ann Tullie	73
Robert A Rosen	68	PSM	6:30.14	PSM	2:36.39	Rose W Carney	69
Mark Buckley	65	Matt Castle	47	Dan L Kirkland	70	Chester Richards	72
PBM	4:30.52	Barney Voegtlen	69	Mary D Tuffley	70	Pete Gordon	73
Michael Aubrey	57	Brenda L Wilks	64	Andrea M Hunt	70	MINN	3:40.33
Chris Wenzel	59	Wanda R Bolerjack	61	Steven B Peterson	72	John Bergman	76
Fran E Hare	68	NEM	6:33.19	GOLD	2:37.75	Robin T Kleffman	71
F Caudrillier	56	Daniel Epstein	68	Allen J DeWeese	70	Mary R Vonderharr	65
WCM	4:37.34	Julia L Erickson	59	Bill Dykstra	81	E Connelly	68
Bryan D Volpp	61	St.Pierre-Sleboda	59	Deborah B Hatic	69	WCM	3:40.63
Bonnie M Bilich	60	Neil D Purdy	58	Barbara Protzman	64	Ann M Hirsch	87
Charlene O'Brien	62	SYSM	6:47.75	ARIZ	2:37.96	Joyce M Haworth	81
David Boatwright	57	Chris S Gilligan	75	Daniel Vargas	58	Michael Williams	69
SDSM	4:46.25	Carol Mitchell	69	Douglas Springer	72	James R DeLacy	72
Cathy Ganze	61	Tom J Weigand	61	Corinna Goodman	77		
Marieke Thayer	57	John M Burke	66	Jill D Fritz	78	400 M. FREE REL MIXED	280+
Kenton R Jones	51	MINN	6:47.80	SLAM	2:40.78	SARASOTA SHARKS	4:50.49 18
Tony Ralphs	75	Brian K Holthus	61	Laurence Walker	75	BOB COUCH	
NCMS	4:46.91	Mary F Conway	68	Douglas K Miller	72	JULIANNA HOLBROOK	
Dale M Alton	61	Kenneth J Fischer	58	Mary M Pohlmann	73	JUNE CARSON	
Beverly O Amick	64	E Connelly	68	Teresa W McDowell	68	RICK WALKER	
Greg Sanchez	61	WH20	6:48.76	ROSE	2:54.11	SYSM	4:50.49
Jonathan E Klein	61	Errol Graham	59	Maurine Kornfeld	97	Bob E Couch	71
RHMS	5:04.39	Jessica W Seaton	65	Ellen K Shockro	76	Julianna Holbrook	71
Eric D Van Boer	64	Raymond E Camacho	54	Dan Stephenson	61	June Carson	70
Greg Laudenslager	57	Mary N Church	68	Frank E Campbell	60	Rick B Walker	68
C Hayes-Rupp	61	800 M. FREE REL MIXED	240+	SCHH	3:02.92	OREG	5:40.35
Linda Hepworth	65	TAMALPAIS AQUATI	9:34.91 09	Ann Tullie	73	Joy Ward	76
ANCM	5:52.50	RICHARD BURNS		Rose W Carney	69	Janet Gettling	70
Linda K Foley	63	LAURA VAL		Chester Richards	72	Bob A Bruce	70
Brian Oliver	59	BARBARA WHEELER		Pete Gordon	73	Kermit D Yensen	65
Margot Pettijohn	72	KENNETH FROST		MOST	3:05.90	ROSE	6:57.01
Roger F Leonard	70	MINN	12:45.93	Graham M Johnston	87	Kristin P Bennett	61
RHMS	5:58.04	Kenneth J Fischer	58	DeEtte A Sauer	77	Winston Uchiyama	61
Michael Maritzen	62	Sarah Hromada	57	Lynn M Dusenbury	70	Michael W Farmer	71
Donald A Pierce	73			Eddie O'Connell	46	Maurine Kornfeld	97

MINN	7:03.98	Mark Aikele	63	LOCO	4:27.62	800 M. FREE REL MIXED 360+
Marc S Anderson	69	Lois A Jacobs	75	Barbara M Eisele	88	
E Connelly	68			Pete Palmer	83	FLORIDA AQUATIC 23:00.65 16
Shannon W Swartz	67	800 M. FREE REL MIXED 280+		Susan D Korsedal	68	EDWIN GRAVES
David C Arlander	77			Louis Ackerman	82	JOHN CORSE
MEMO	7:28.89	TAMALPAIS AQUATI10:54.11 15		SCYM	5:31.51	JOAN CAMPBELL
Barry T Galvin	85	LAURA VAL		Joy Tsuzuki	88	BETTY LORENZI
Judy K Armstrong	71	KENNETH FROST		Jerry A Katz	80	No Relays
Molly Singer	64	NANCY RIDOUT		Janet H Moeller	84	
David L Bauer	63	RICHARD BURNS		James H Whelpley	79	
MINN	7:31.61	SYSM	10:57.88			
Mark Kaplan	69	Rick B Walker	68			
Babs H Larsen	71	June Carson	70	400 M. FREE REL MIXED 320+		
Niel R Petersen	80	Juliana Holbrook	71			
AnnLiv Bacon	76	Bob E Couch	71	OREGON MASTERS	6:00.74 17	
WCM	7:49.51	O*H*	13:37.75	WILLARD LAMB		
Stan Pedder	83	Nick Douglass	69	JOY WARD		
Frank B Nieman	86	Yoshi Oyakawa	85	DAVID RADCLIFF		
Dolly J Ackerman	77	Marilyn Douglass	69	MARGARET TOPPEL		
Linda C Nakell	67	Melinda J Smith	66	FACT	9:21.75	
HAFL	9:49.89	SYSM	16:46.20	Edwin H Graves	95	
Mary Jane Mullins	87	Carol Mitchell	69	Patricia Tullman	81	
Nick Polizos	66	Jack Mitchell	79	Barbara A McNulty	61	
Sandra G Cathey	69	Jan H Miller	75	John D Corse	94	
Chris Burt	63	Richard M Whaley	66	WCM	9:42.93	
400 M. MEDLEY R MIXED 280+		MICH	17:45.33	Ann M Hirsch	87	
		Thomas Neal	75	Joyce M Haworth	81	
TAMALPAIS AQUATI 5:21.37 15		Donald J Kroeger	75	Stan F Morner	84	
LAURA VAL		Pat M Butler	81	Rick Silvey	76	
KENNETH FROST		K Vanden Brulle	74			
RICHARD BURNS		MINN	17:54.00	400 M. MEDLEY R MIXED 320+		
NANCY RIDOUT		Mary R Vonderharr	65			
WMST	6:02.76	Jim T Langland	66	OREGON MASTERS	6:59.56 17	
Greg J Tharp	68	Shannon W Swartz	67	WILLARD LAMB		
Joann Leilich	79	Bill Kansas	82	JANET GETTLING		
Bruce W Rollins	69	GAJA	19:16.77	JOY WARD		
Carolyn Boak	73	John V Zeigler	73	DAVID RADCLIFF		
SYSM	6:08.60	Sue C Ottosen	75	No Relays		
Bob E Couch	71	Leonard S Woody	67			
Rick B Walker	68	Rebecca Hamilton	66	800 M. FREE REL MIXED 320+		
Juliana Holbrook	71	HAFL	22:46.54			
June Carson	70	Mary Jane Mullins	87	FLORIDA MAVERICK15:35.35 11		
GOLD	6:25.53	Nick Polizos	66	JEAN TROY		
David R McIntyre	81	Sandra G Cathey	69	ROBERT WILLIAMS		
Karl E Wiedamann	80	Chris Burt	63	PATRICIA TULLMAN		
Lisa A Bennett	62	200 M. FREE REL MIXED 320+		C WEATHERBEE		
Peggy H McDonnell	63			No Relays		
O*H*	6:51.35	OREGON MASTERS	2:40.07 17	200 M. FREE REL MIXED 360+		
Marilyn Douglass	69	JOY WARD				
Nick Douglass	69	JANET GETTLING		FLORIDA AQUATIC 3:56.13 16		
Melinda J Smith	66	WILLARD LAMB		EDWIN GRAVES		
Yoshi Oyakawa	85	DAVID RADCLIFF		JOAN CAMPBELL		
MINN	7:24.42	FACT	3:44.85	BETTY LORENZI		
Babs H Larsen	71	Edwin H Graves	95	JOHN CORSE		
Pat J Lillehei	74	Patricia Tullman	81	No Relays		
Darrell J Smith	62	Barbara A McNulty	61	200 M. MEDLEY R MIXED 360+		
John Bergman	76	John D Corse	94			
FACT	7:31.06	LOCO	3:54.07	COAST MASTERS	5:12.04 03	
Ken R Hickey	73	Barbara M Eisele	88	MADELEINE MILLER		
William M Zani	80	Susan D Korsedal	68	MAXINE MERLINO		
Barbara A McNulty	61	Louis Ackerman	82	WALTER PFEIFFER		
Martha Henderson	82	Pete Palmer	83	WOODROW BOWERSOCK		
CONN	8:01.40	WCM	4:13.60	No Relays		
Ann Louise Onton	75	Ann M Hirsch	87	400 M. FREE REL MIXED 360+		
Paul M Epstein	72	Fred Boettler	83			
Cheryl S Edison	56	Caroline W Wood	83	FLORIDA AQUATIC 9:54.92 17		
Michael A Laux	77	Harold Boscovich	76	EDWIN GRAVES		
MINN	8:49.57	200 M. MEDLEY R MIXED 320+		JOAN CAMPBELL		
AnnLiv Bacon	76			BETTY LORENZI		
Robin T Kleffman	71	OREGON MASTERS	3:07.14 17	JOHN CORSE		
Mark Kaplan	69	WILLARD LAMB		No Relays		
Shannon W Swartz	67	JANET GETTLING				
ROSE	9:12.17	JOY WARD				
Maurine Kornfeld	97	DAVID RADCLIFF				
Michael W Farmer	71	FACT	3:49.34			
Nancy N Niebrugge	60	Martha Henderson	82			
William Fleming	83	David S Jarvis	71			
MEMO	9:41.41	Patricia Tullman	81			
Molly Singer	64	John E Cornell	91			
Barry T Galvin	85					

**Errata for 2017-2018
Long Course Meters**

No Errata.



FINA WORLD MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2018

***** MEN *****										
***** 25-29 *****					***** W O M E N *****					
21.37	11/15/2014	USA	Cesar CIELO	50	M.	FREE	Jennifer THATER	GER	12/01/2018	25.29
47.43	11/16/2014	USA	Cesar CIELO	100	M.	FREE	Emma GAGE	GBR	10/24/2015	54.53
1:44.90	11/03/2013	USA	Darian TOWNSEND	200	M.	FREE	L.IBANEZ LOPEZ	USA	12/03/2017	1:59.39
3:52.83	12/09/2018	USA	Drew MODROV	400	M.	FREE	Sophie CASSON	GBR	10/27/2013	4:15.74
8:07.91	04/12/2001	BRA	A.ANGELOTTI	800	M.	FREE	Sheila TAORMINA	USA	03/31/1996	8:51.18
15:29.68	10/24/2003	GBR	Greg ORPHANIDES	1500	M.	FREE	Sheila TAORMINA	USA	03/31/1996	16:36.07
24.55	11/03/2013	USA	Darian TOWNSEND	50	M.	BACK	Yurie OGA	JPN	06/14/2015	27.88
52.99	12/03/2016	USA	Tony COX	100	M.	BACK	Yurie OGA	JPN	05/10/2015	1:00.63
1:56.22	12/16/2006	GER	Stefan HERBST	200	M.	BACK	Kana OHASHI	JPN	11/20/2005	2:12.84
26.99	10/29/2017	GBR	Lawrence PALMER	50	M.	BRST	Petra CHOCOVA	CZE	06/08/2014	30.50
58.96	03/18/2018	JPN	Yuki KANAYA	100	M.	BRST	Petra CHOCOVA	CZE	06/07/2014	1:06.83
2:07.55	10/14/2018	USA	Josh PRENOT	200	M.	BRST	Megan JENDRICK	USA	04/14/2012	2:29.80
23.33	05/05/2017	JPN	Ryo ISHII	50	M.	FLY	Elinore DE JONG	NED	01/19/2018	26.14
52.42	09/23/2018	JPN	Yasuhiro WADA	100	M.	FLY	Claire DONAHUE	USA	12/12/2015	58.11
1:58.87	03/19/2016	JPN	Takatsugu OGA	200	M.	FLY	Yuko NAKANISHI	JPN	05/08/2010	2:09.64
53.47	11/03/2013	USA	Darian TOWNSEND	100	M.	I.M.	Petra CHOCOVA	CZE	06/08/2014	1:02.29
1:59.70	01/31/2010	FRA	K.GILCHRIST	200	M.	I.M.	Hitomi MATSUDA	JPN	04/23/2006	2:17.17
4:14.51	11/15/2009	JPN	Ikumi HASEGAWA	400	M.	I.M.	K.BARANOWSKA	GER	09/27/2015	4:44.98
***** MEN *****										
***** 30-34 *****					***** W O M E N *****					
21.59	11/28/2015	RUS	Evgeniy LAGUNOV	50	M.	FREE	S.KNIAGININA	RUS	11/29/2014	25.17
47.29	11/27/2015	RUS	Evgeniy LAGUNOV	100	M.	FREE	Erika ERNDL	USA	10/13/2012	54.75
1:46.12	09/27/2014	USA	Darian TOWNSEND	200	M.	FREE	Veronica BALSANO	BRA	11/14/2018	2:00.73
3:51.97	11/29/2014	RUS	Yury UFIMTSEV	400	M.	FREE	Sophie CASSON	GBR	10/28/2017	4:14.56
8:17.06	12/10/2000	USA	Alex KOSTICH	800	M.	FREE	Dawn HECKMAN	USA	12/04/2011	8:38.58
15:51.07	12/10/2000	USA	Alex KOSTICH	1500	M.	FREE	Dawn HECKMAN	USA	12/02/2011	16:26.93
23.86	05/07/2017	BRA	Nelson SILVA Jr.	50	M.	BACK	Mai NAKAMURA	JPN	04/19/2009	27.43
52.68	10/24/2009	USA	Derya BUYUKUNCU	100	M.	BACK	Kana YAMAGUCHI	JPN	03/07/2010	1:00.90
1:55.46	11/01/2009	USA	Derya BUYUKUNCU	200	M.	BACK	Kana YAMAGUCHI	JPN	04/21/2012	2:11.86
26.72	05/05/2018	BRA	Felipe LIMA	50	M.	BRST	Nicole HEIDEMANN	GER	11/29/2015	31.35
59.71	03/20/2016	JPN	Ryo KOBAYASHI	100	M.	BRST	Hitomi MATSUDA	JPN	04/17/2010	1:06.98
2:12.22	11/18/2018	JPN	Ryo KOBAYASHI	200	M.	BRST	Hitomi MATSUDA	JPN	04/18/2009	2:26.96
22.87	05/16/2009	GER	Thomas RUPPRATH	50	M.	FLY	Yuka KATO	JPN	01/10/2016	27.08
52.44	11/12/2016	USA	Darian TOWNSEND	100	M.	FLY	Anna POLIAKOVA	RUS	11/20/2016	59.82
1:53.56	11/25/2017	RUS	Nikolay SKVORTSOV	200	M.	FLY	Hitomi MATSUDA	JPN	05/25/2008	2:13.09
53.28	11/13/2016	USA	Darian TOWNSEND	100	M.	I.M.	Erika ERNDL	USA	10/13/2012	1:02.52
1:56.96	11/13/2016	USA	Darian TOWNSEND	200	M.	I.M.	Hitomi MATSUDA	JPN	11/14/2009	2:13.41
4:16.06	11/12/2016	USA	Darian TOWNSEND	400	M.	I.M.	Hitomi MATSUDA	JPN	04/17/2010	4:45.07
***** MEN *****										
***** 35-39 *****					***** W O M E N *****					
21.53	10/27/2007	GBR	Mark FOSTER	50	M.	FREE	Dara TORRES	USA	12/03/2006	25.10
47.70	11/18/2018	USA	Roland SCHOEMAN	100	M.	FREE	Dara TORRES	USA	12/03/2006	54.95
1:51.31	12/14/2003	USA	Erik HOCHSTEIN	200	M.	FREE	Hitomi MATSUDA	JPN	03/25/2012	2:03.12
3:57.77	12/14/2003	USA	Erik HOCHSTEIN	400	M.	FREE	K.PIPES-NEILSEN	USA	12/12/1999	4:22.56
8:16.19	12/06/2009	USA	Alex KOSTICH	800	M.	FREE	Kirsten CAMERON	NZL	10/08/2010	8:57.28
15:56.57	12/04/2009	USA	Alex KOSTICH	1500	M.	FREE	Heidi GEORGE	USA	09/27/2015	16:52.94
25.68	03/05/2017	JPN	Kenta YAMANOI	50	M.	BACK	Noriko INADA	USA	11/13/2016	27.63
55.31	01/21/2018	JPN	T.TAKEUCHI	100	M.	BACK	Noriko INADA	USA	11/19/2017	1:00.43
2:00.34	12/08/2002	USA	Ron KARNAUGH	200	M.	BACK	Kana OHASHI	JPN	11/16/2013	2:13.37
26.66	11/17/2018	USA	Roland SCHOEMAN	50	M.	BRST	Nicole HEIDEMANN	GER	11/10/2018	31.66
1:00.61	11/19/2016	RUS	Sergey GEYBEL	100	M.	BRST	Nicole HEIDEMANN	GER	11/10/2018	1:09.07
2:15.42	03/16/2014	JPN	Kazuya KOIKE	200	M.	BRST	Hitomi MATSUDA	JPN	03/10/2012	2:30.63
23.12	11/18/2018	USA	Roland SCHOEMAN	50	M.	FLY	Noriko INADA	USA	11/01/2015	27.45
54.27	12/04/2011	USA	Igor MARCHENKO	100	M.	FLY	Hitomi MATSUDA	JPN	05/04/2014	1:01.88
2:02.98	11/15/2014	USA	Brent CREAGER	200	M.	FLY	Hitomi MATSUDA	JPN	08/25/2012	2:16.67
56.31	11/24/2018	JPN	Takefumi KAKIZOE	100	M.	I.M.	Hitomi MATSUDA	JPN	03/10/2012	1:03.17
2:03.29	12/08/2002	USA	Ron KARNAUGH	200	M.	I.M.	Hitomi MATSUDA	JPN	11/18/2012	2:17.69
4:24.36	12/07/2003	USA	Ron KARNAUGH	400	M.	I.M.	K.PIPES-NEILSEN	USA	12/14/1997	4:52.85
***** MEN *****										
***** 40-44 *****					***** W O M E N *****					
22.75	05/08/2016	JPN	Hideaki HARA	50	M.	FREE	Erika BRAUN	USA	12/14/2014	26.02
49.64	06/04/2017	JPN	Hideaki HARA	100	M.	FREE	Erika BRAUN	USA	12/14/2014	57.08
1:50.08	12/06/2008	USA	Michael ROSS	200	M.	FREE	K.PIPES-NEILSEN	USA	12/14/2003	2:05.26
4:00.67	11/07/2004	GER	Kai DITZEL	400	M.	FREE	K.PIPES-NEILSEN	USA	12/14/2003	4:21.75
8:15.69	02/25/2017	ITA	Samuele PAMPANA	800	M.	FREE	Kirsten CAMERON	GBR	01/24/2016	8:55.34
15:51.60	02/21/2016	ITA	Samuele PAMPANA	1500	M.	FREE	Heidi GEORGE	USA	12/01/2017	16:50.92
25.53	12/12/2009	USA	Michael ROSS	50	M.	BACK	R.Johanna LUOTO	FIN	01/14/2017	28.86
54.85	12/07/2008	USA	Michael ROSS	100	M.	BACK	Raakel LUOTO	FIN	03/24/2018	1:03.22
2:03.84	12/14/2008	USA	Michael ROSS	200	M.	BACK	Kana MORIHISA	JPN	05/27/2018	2:17.28
28.21	11/17/2018	USA	Jeff COMMINGS	50	M.	BRST	Katie GLENN	USA	12/02/2018	32.16
1:01.42	12/06/2014	USA	Steve WEST	100	M.	BRST	Cynthia LEWIS	USA	12/05/2015	1:09.95
2:13.72	12/07/2014	USA	Steve WEST	200	M.	BRST	S.VON DER LIPPE	USA	11/16/2008	2:32.37
24.14	03/16/2014	SWE	Lars FROLANDER	50	M.	FLY	Erika BRAUN	USA	03/16/2013	28.19
53.81	03/15/2014	SWE	Lars FROLANDER	100	M.	FLY	S.VON DER LIPPE	USA	11/21/2009	1:01.70



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2:02.97	10/11/1998	USA	William SPECHT	200	M.	FLY	S.VON DER LIPPE	USA	11/19/2006	2:20.66
57.07	05/05/2016	JPN	Hideaki HARA	100	M.	I.M.	Lisa BLACKBURN	USA	10/10/2015	1:04.19
2:05.46	12/04/2009	USA	Roque SANTOS	200	M.	I.M.	S.VON DER LIPPE	USA	12/02/2007	2:19.21
4:30.68	10/10/2014	USA	Eric CHRISTENSEN	400	M.	I.M.	K.PIPES-NEILSEN	USA	11/24/2002	5:00.82
***** MEN ***** 45-49 ***** WOMEN *****										
23.29	05/07/2016	SWE	Joakim HOLMQUIST	50	M.	FREE	Erika BRAUN	USA	10/13/2018	26.29
51.30	03/10/2012	FRA	Nicolas GRANGER	100	M.	FREE	Erika BRAUN	USA	12/09/2018	57.89
1:52.87	03/09/2012	FRA	Nicolas GRANGER	200	M.	FREE	K.PIPES-NEILSEN	USA	12/02/2007	2:05.94
4:03.10	04/18/2015	ITA	Fabio CALMASINI	400	M.	FREE	K.PIPES-NEILSEN	USA	05/16/2009	4:25.34
8:24.75	03/29/2015	ITA	Fabio CALMASINI	800	M.	FREE	K.PIPES-NEILSEN	USA	05/15/2009	9:11.37
16:13.34	02/15/2015	ITA	Fabio CALMASINI	1500	M.	FREE	Alison ZAMANIAN	USA	01/24/2015	17:22.01
26.44	11/15/2018	ARG	Luis LAERA	50	M.	BACK	Cindy MABEE	CAN	04/26/2014	30.25
57.00	12/13/2009	USA	Chris STEVENSON	100	M.	BACK	K.PIPES-NEILSEN	FRA	02/27/2009	1:04.46
2:05.54	12/12/2009	USA	Chris STEVENSON	200	M.	BACK	K.PIPES-NEILSEN	FRA	02/26/2009	2:18.15
28.83	05/20/2018	JPN	Hideaki TOGO	50	M.	BRST	Linley FRAME	AUS	07/16/2017	33.01
1:02.22	11/17/2018	USA	Steve WEST	100	M.	BRST	Linley FRAME	AUS	07/16/2017	1:10.63
2:15.45	11/30/2018	USA	Steve WEST	200	M.	BRST	S.VON DER LIPPE	USA	11/21/2010	2:38.00
24.38	03/19/2017	JPN	Eiji NOMURA	50	M.	FLY	Yuriko IKEDA	JPN	10/15/2017	28.53
55.07	03/18/2018	JPN	Eiji NOMURA	100	M.	FLY	S.VON DER LIPPE	USA	11/20/2010	1:03.47
2:05.01	03/17/2018	JPN	Eiji NOMURA	200	M.	FLY	K.PIPES-NEILSEN	USA	12/13/2009	2:23.18
57.68	03/09/2012	FRA	Nicolas GRANGER	100	M.	I.M.	K.PIPES-NEILSEN	FRA	02/26/2009	1:05.61
2:04.64	03/08/2012	FRA	Nicolas GRANGER	200	M.	I.M.	K.PIPES-NEILSEN	USA	05/17/2009	2:21.55
4:31.36	04/07/2012	FRA	Nicolas GRANGER	400	M.	I.M.	K.PIPES-NEILSEN	FRA	02/27/2009	5:00.29
***** MEN ***** 50-54 ***** WOMEN *****										
23.38	10/18/2009	USA	Rowdy GAINES	50	M.	FREE	M.Therese FUZZATI	FRA	03/27/2015	26.27
51.49	03/26/2017	FRA	Nicolas GRANGER	100	M.	FREE	M.Therese FUZZATI	FRA	01/25/2015	58.60
1:54.61	10/14/2011	USA	Ambrose GAINES	200	M.	FREE	S.HEIM-BOWEN	USA	12/06/2009	2:10.72
4:04.48	01/29/2017	FRA	Nicholas GRANGER	400	M.	FREE	Lynn MARSHALL	CAN	01/29/2011	4:34.81
8:33.74	11/17/2018	ITA	Fabio CALMASINI	800	M.	FREE	Lynn MARSHALL	CAN	01/09/2011	9:23.45
16:25.96	02/11/2018	ITA	Fabio CALMASINI	1500	M.	FREE	Lynn MARSHALL	CAN	03/02/2013	17:49.23
26.69	10/24/2015	USA	Fritz BEDFORD	50	M.	BACK	Leslie LIVINGSTON	USA	12/13/2015	30.27
57.95	03/25/2017	FRA	Nicolas GRANGER	100	M.	BACK	Ellen REYNOLDS	USA	03/08/2014	1:05.89
2:07.13	05/06/2017	FRA	Nicolas GRANGER	200	M.	BACK	Ellen REYNOLDS	USA	03/08/2014	2:22.37
29.71	04/09/2017	ITA	C.Arturo TRAVAINI	50	M.	BRST	Monica CORO	ITA	11/24/2012	33.96
1:04.28	05/06/2017	FRA	Nicolas GRANGER	100	M.	BRST	Ute HASSE	ESP	03/21/2015	1:15.02
2:19.36	03/23/2018	FRA	Nicolas GRANGER	200	M.	BRST	Marzena KULIS	ITA	03/26/2017	2:46.24
25.49	05/16/2009	CAN	Dan THOMPSON	50	M.	FLY	Leslie LIVINGSTON	USA	03/16/2013	29.25
56.78	03/24/2018	FRA	Nicolas GRANGER	100	M.	FLY	Daniela DE PONTI	ITA	04/03/2016	1:06.88
2:09.19	03/25/2018	FRA	Nicolas GRANGER	200	M.	FLY	Lynn MARSHALL	CAN	05/08/2011	2:28.08
57.69	03/24/2017	FRA	Nicolas GRANGER	100	M.	I.M.	Anette PHILIPSSON	SWE	11/07/2015	1:07.85
2:06.38	01/28/2018	FRA	Nicolas GRANGER	200	M.	I.M.	Ellen REYNOLDS	USA	11/17/2018	2:27.39
4:29.33	03/23/2017	FRA	Nicolas GRANGER	400	M.	I.M.	Ellen REYNOLDS	USA	09/26/2014	5:10.96
***** MEN ***** 55-59 ***** WOMEN *****										
24.51	04/19/2015	JPN	Brent BARNES	50	M.	FREE	Hayley BETTINSON	GBR	10/28/2018	27.80
54.50	04/05/2009	USA	Jack GROSELLE	100	M.	FREE	Karlyn PIPES	USA	01/20/2017	1:00.61
1:59.08	11/21/2009	USA	Michael MANN	200	M.	FREE	Lynn MARSHALL	CAN	02/28/2016	2:13.58
4:16.03	11/22/2009	USA	Michael MANN	400	M.	FREE	Lynn MARSHALL	CAN	01/23/2016	4:37.35
8:51.34	11/21/2009	USA	Michael MANN	800	M.	FREE	Lynn MARSHALL	CAN	04/23/2017	9:32.63
17:14.15	10/02/2005	USA	Jim MCCONICA	1500	M.	FREE	Lynn MARSHALL	CAN	04/23/2017	18:01.79
27.86	12/09/2018	USA	Fritz BEDFORD	50	M.	BACK	Leslie LIVINGSTON	USA	03/05/2016	30.12
1:00.78	10/20/2018	USA	Fritz BEDFORD	100	M.	BACK	Karlyn PIPES	USA	01/20/2017	1:08.33
2:15.37	12/02/2018	USA	Len GUSHE	200	M.	BACK	Karlyn PIPES	USA	01/22/2017	2:29.22
29.79	04/22/2018	ITA	C.Arturo TRAVAINI	50	M.	BRST	Monica CORO	ITA	04/09/2017	35.15
1:05.12	01/27/2018	ITA	C.Arturo TRAVAINI	100	M.	BRST	Monica CORO	ITA	04/09/2017	1:18.01
2:22.91	04/21/2018	ITA	C.Arturo TRAVAINI	200	M.	BRST	Monica CORO	ITA	04/22/2017	2:53.16
26.45	05/18/2013	CAN	Dan THOMPSON	50	M.	FLY	Leslie LIVINGSTON	USA	03/05/2016	29.39
59.80	04/01/2013	CAN	Dan THOMPSON	100	M.	FLY	Karlyn PIPES	USA	01/21/2017	1:08.15
2:15.97	01/26/2013	NED	Hugo BREGMAN	200	M.	FLY	Laura VAL	USA	09/14/2008	2:31.13
1:01.76	10/10/2015	USA	Steve WOOD	100	M.	I.M.	Karlyn PIPES	USA	01/21/2017	1:09.08
2:16.44	11/22/2009	USA	Michael MANN	200	M.	I.M.	Karlyn PIPES	FRA	01/28/2017	2:31.06
4:51.97	11/21/2009	USA	Michael MANN	400	M.	I.M.	Lynn MARSHALL	CAN	04/01/2016	5:23.08
***** MEN ***** 60-64 ***** WOMEN *****										
24.90	12/03/2006	USA	Rich ABRAHAMS	50	M.	FREE	Jenny WHITELEY	AUS	05/26/2018	28.50
55.87	05/17/2014	USA	Jack GROSELLE	100	M.	FREE	Jenny WHITELEY	AUS	10/13/2018	1:02.60
2:01.65	11/21/2015	USA	Rick COLELLA	200	M.	FREE	Jenny WHITELEY	AUS	10/13/2018	2:15.93
4:29.92	12/02/2017	USA	Dan STEPHENSON	400	M.	FREE	Laura VAL	USA	08/24/2013	4:53.24
9:14.50	12/02/2018	USA	Andrew BRAY	800	M.	FREE	Laura VAL	USA	01/15/2011	10:21.68
17:53.29	11/30/2018	USA	Andrew BRAY	1500	M.	FREE	Laura VAL	USA	01/15/2011	19:38.63
29.64	03/29/2014	USA	Philipp DJANG	50	M.	BACK	Laura VAL	USA	12/08/2013	33.01
1:04.13	11/13/2016	USA	Tom BARTON	100	M.	BACK	Bonnie BILICH	USA	10/13/2018	1:12.39
2:20.38	11/12/2016	USA	Tom BARTON	200	M.	BACK	Bonnie BILICH	USA	10/14/2018	2:35.84
31.51	11/21/2015	USA	Rick COLELLA	50	M.	BRST	Jenny WHITELEY	AUS	05/26/2018	37.08



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1:09.92	11/21/2015	USA	Rick COLELLA	100	M.	BRST	Jenny WHITELEY	AUS	05/26/2018	1:20.50
2:37.61	11/13/2011	USA	Rick COLELLA	200	M.	BRST	Jenny WHITELEY	AUS	05/26/2018	2:57.05
26.78	05/13/2017	CAN	Dan THOMPSON	50	M.	FLY	Laura VAL	USA	10/06/2013	32.42
1:00.20	05/23/2016	CAN	Dan THOMPSON	100	M.	FLY	Laura VAL	USA	12/08/2013	1:11.47
2:20.27	01/20/2018	NED	Hugo BREGMAN	200	M.	FLY	Laura VAL	USA	12/03/2011	2:41.25
1:04.23	03/21/2015	USA	Rick COLELLA	100	M.	I.M.	Jenny WHITELEY	AUS	10/13/2018	1:12.19
2:19.96	03/21/2015	USA	Rick COLELLA	200	M.	I.M.	Jenny WHITELEY	AUS	10/13/2018	2:36.81
5:04.54	11/13/2011	USA	Rick COLELLA	400	M.	I.M.	Colette CRABBE	USA	12/02/2017	5:50.34
***** MEN ***** 65-69 ***** WOMEN *****										
25.42	03/03/2018	USA	Doug MARTIN	50	M.	FREE	Laura VAL	USA	11/19/2016	29.30
58.19	11/20/2016	USA	Rick COLELLA	100	M.	FREE	Laura VAL	USA	12/01/2017	1:04.40
2:07.56	11/19/2016	USA	Rick COLELLA	200	M.	FREE	Laura VAL	USA	11/18/2017	2:23.26
4:27.91	11/19/2017	USA	Rick COLELLA	400	M.	FREE	Laura VAL	USA	09/24/2017	5:02.08
9:53.06	04/04/2015	USA	Jim MCCONICA	800	M.	FREE	Laura VAL	USA	01/30/2016	10:34.67
18:53.75	04/02/2015	USA	Jim MCCONICA	1500	M.	FREE	Laura VAL	USA	01/30/2016	20:21.61
30.34	12/02/2012	USA	Hugh WILDER	50	M.	BACK	Laura VAL	USA	12/02/2018	33.71
1:07.69	12/01/2012	USA	Hugh WILDER	100	M.	BACK	Laura VAL	USA	12/01/2018	1:13.08
2:31.16	03/17/2018	USA	Lawrence DAY	200	M.	BACK	Laura VAL	USA	12/01/2017	2:42.87
32.50	11/20/2016	USA	Rick COLELLA	50	M.	BRST	Nobuko YASUDA	JPN	05/09/2010	40.90
1:13.16	11/19/2016	USA	Rick COLELLA	100	M.	BRST	Nobuko YASUDA	JPN	01/24/2010	1:28.73
2:36.85	11/19/2017	USA	Rick COLELLA	200	M.	BRST	Janette JEFFREY	AUS	07/18/2015	3:10.75
28.65	03/03/2018	USA	Doug MARTIN	50	M.	FLY	Laura VAL	USA	11/19/2017	33.06
1:05.37	07/22/2016	USA	Lawrence DAY	100	M.	FLY	Laura VAL	USA	12/02/2018	1:14.89
2:25.35	11/18/2017	USA	Rick COLELLA	200	M.	FLY	Laura VAL	USA	09/18/2016	2:45.20
1:05.43	11/19/2016	USA	Rick COLELLA	100	M.	I.M.	Laura VAL	USA	11/19/2016	1:16.67
2:20.35	11/17/2018	USA	Rick COLELLA	200	M.	I.M.	Laura VAL	USA	09/18/2016	2:48.15
5:03.34	11/18/2017	USA	Rick COLELLA	400	M.	I.M.	Laura VAL	USA	09/18/2016	5:55.00
***** MEN ***** 70-74 ***** WOMEN *****										
26.88	10/10/2015	USA	Richard ABRAHAMS	50	M.	FREE	Diann UUSTAL	USA	12/10/2016	32.38
1:01.70	05/17/2015	USA	Richard ABRAHAMS	100	M.	FREE	Diann UUSTAL	USA	05/22/2016	1:12.58
2:19.63	11/17/2018	USA	Dan KIRKLAND	200	M.	FREE	Diann UUSTAL	USA	11/20/2016	2:43.60
4:56.95	11/18/2018	USA	Dan KIRKLAND	400	M.	FREE	Yoshiko OSAKI	JPN	11/15/2008	5:50.41
10:17.73	11/10/2018	USA	Dan KIRKLAND	800	M.	FREE	Carolyn BOAK	USA	11/13/2016	12:11.34
19:52.89	01/21/2018	USA	Dan KIRKLAND	1500	M.	FREE	Marcia BARRY	USA	11/03/2018	23:39.90
33.09	12/03/2017	USA	Hugh WILDER	50	M.	BACK	Margit OHLSSON	SWE	03/21/2015	37.50
1:12.09	12/07/2013	USA	Richard BURNS	100	M.	BACK	Margit OHLSSON	SWE	03/22/2015	1:22.15
2:38.01	12/06/2013	USA	Richard BURNS	200	M.	BACK	Diann UUSTAL	USA	10/28/2017	3:04.82
35.53	04/10/2016	GER	Dieter HOFEL	50	M.	BRST	Shoko YONEZAWA	JPN	02/27/2005	42.80
1:19.04	05/21/2016	USA	Douglas SPRINGER	100	M.	BRST	Nobuko YASUDA	JPN	04/12/2015	1:33.92
2:55.87	03/05/2016	USA	Robert STRAND	200	M.	BRST	Nobuko YASUDA	JPN	01/21/2017	3:24.57
29.52	10/11/2015	USA	Richard ABRAHAMS	50	M.	FLY	Diann UUSTAL	USA	03/05/2016	35.12
1:07.56	10/11/2015	USA	Richard ABRAHAMS	100	M.	FLY	Judy WILSON	FRA	01/30/2016	1:24.03
2:51.32	11/07/2009	NZL	Barry YOUNG	200	M.	FLY	Kira MAKAROVA	RUS	11/17/2018	3:26.35
1:13.09	10/10/2015	USA	Richard ABRAHAMS	100	M.	I.M.	Diann UUSTAL	USA	12/10/2016	1:23.23
2:42.44	05/16/2009	NZL	Barry YOUNG	200	M.	I.M.	Clary MUNN	AUS	05/20/2017	3:09.58
5:57.68	03/24/2016	FRA	J.LESTIDEAU	400	M.	I.M.	Brigitte MERTEN	GER	01/16/2016	6:47.91
***** MEN ***** 75-79 ***** WOMEN *****										
29.90	12/03/2016	USA	Mike FRESHLEY	50	M.	FREE	Christel SCHULZ	GER	06/20/2015	34.58
1:05.13	04/19/2009	USA	David RADCLIFF	100	M.	FREE	Jane ASHER	GBR	03/25/2006	1:18.59
2:27.53	04/18/2009	USA	David RADCLIFF	200	M.	FREE	Yoshiko OSAKI	JPN	01/26/2013	2:51.65
5:15.10	04/18/2009	USA	David RADCLIFF	400	M.	FREE	Yoshiko OSAKI	JPN	04/19/2015	6:08.74
10:59.10	04/17/2009	USA	David RADCLIFF	800	M.	FREE	Yoshiko OSAKI	JPN	05/12/2013	12:25.61
20:39.50	04/17/2009	USA	David RADCLIFF	1500	M.	FREE	Jane ASHER	GBR	11/26/2006	24:04.75
33.87	12/02/2018	USA	Richard BURNS	50	M.	BACK	E.KETELSEN	DEN	02/17/2018	40.74
1:14.79	12/01/2018	USA	Richard BURNS	100	M.	BACK	E.KETELSEN	DEN	03/10/2018	1:29.04
2:44.04	12/02/2018	USA	Richard BURNS	200	M.	BACK	Noriko YOSHIDA	JPN	12/16/2018	3:19.37
38.35	07/24/2016	USA	Mike FRESHLEY	50	M.	BRST	Shoko YONEZAWA	JPN	02/14/2010	43.79
1:25.38	07/22/2016	USA	Mike FRESHLEY	100	M.	BRST	Shoko YONEZAWA	JPN	03/21/2010	1:36.48
3:06.82	07/23/2016	USA	Mike FRESHLEY	200	M.	BRST	Shoko YONEZAWA	JPN	04/17/2010	3:33.03
32.41	12/01/2018	USA	Richard BURNS	50	M.	FLY	Jane ASHER	GBR	03/24/2006	40.71
1:20.30	10/14/2018	USA	Richard BURNS	100	M.	FLY	Judie OLIVER	CAN	05/19/2007	1:44.35
3:10.85	11/10/2018	CZE	Rudolf SMERDA	200	M.	FLY	Sylvia NEUHAUSER	AUT	05/21/2005	3:57.33
1:17.58	07/23/2016	USA	Mike FRESHLEY	100	M.	I.M.	Yoshiko OSAKI	JPN	05/26/2013	1:31.38
2:50.79	11/30/2018	USA	Richard BURNS	200	M.	I.M.	Yoshiko OSAKI	JPN	05/26/2013	3:22.23
6:29.29	07/22/2016	USA	Mike FRESHLEY	400	M.	I.M.	Yoshiko OSAKI	JPN	05/11/2013	7:11.33
***** MEN ***** 80-84 ***** WOMEN *****										
31.25	12/02/2017	USA	Jeff FARRELL	50	M.	FREE	Yoshiko OSAKI	JPN	05/20/2018	36.08
1:11.26	09/27/2014	USA	David RADCLIFF	100	M.	FREE	Yoshiko OSAKI	JPN	05/20/2018	1:21.29
2:38.25	09/28/2014	USA	David RADCLIFF	200	M.	FREE	Yoshiko OSAKI	JPN	02/10/2018	3:00.43
5:39.27	03/09/2014	USA	David RADCLIFF	400	M.	FREE	Jane ASHER	GBR	04/08/2011	6:34.92
11:35.71	11/15/2014	USA	David RADCLIFF	800	M.	FREE	Jane ASHER	GBR	06/11/2011	12:49.43
21:59.53	09/26/2014	USA	David RADCLIFF	1500	M.	FREE	Jane ASHER	GBR	06/11/2011	25:45.37



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37.82	11/15/2014	USA	Yoshi OYAKAWA	50	M.	BACK	Yoshiko OSAKI	JPN	04/01/2018	44.82
1:23.24	11/11/2017	USA	David COSTILL	100	M.	BACK	Jane ASHER	GBR	04/10/2011	1:44.88
3:07.44	10/01/2017	USA	David COSTILL	200	M.	BACK	Yoshiko OSAKI	JPN	10/21/2018	3:35.28
41.42	05/15/2005	JPN	Toshio TAJIMA	50	M.	BRST	Shoko YONEZAWA	JPN	03/08/2015	46.48
1:31.80	10/14/2017	AUS	Tony GOODWIN	100	M.	BRST	Shoko YONEZAWA	JPN	10/18/2015	1:45.52
3:23.69	10/14/2017	AUS	Tony GOODWIN	200	M.	BRST	Shoko YONEZAWA	JPN	02/06/2016	3:54.35
35.06	11/19/2016	JPN	Hiroshi MATSUMOTO	50	M.	FLY	Jane ASHER	GBR	04/09/2011	45.57
1:30.15	12/03/2011	ITA	Giulio DIVANO	100	M.	FLY	Judie OLIVER	CAN	04/01/2012	1:50.08
3:30.11	02/27/2011	ITA	Giulio DIVANO	200	M.	FLY	Judie OLIVER	CAN	03/31/2012	4:10.18
1:24.69	11/11/2017	USA	David COSTILL	100	M.	I.M.	Yoshiko OSAKI	JPN	01/20/2018	1:38.45
3:16.26	02/05/2017	JPN	Ikuro SHIMONO	200	M.	I.M.	Jane ASHER	GBR	06/11/2011	3:43.73
7:09.74	04/15/2017	JPN	Ikuro SHIMONO	400	M.	I.M.	Judie OLIVER	CAN	03/30/2012	8:04.67
***** MEN ***** 85-89 ***** WOMEN *****										
32.23	01/29/2016	ESP	Roberto ALBERICHE	50	M.	FREE	Jane ASHER	GBR	04/17/2016	38.75
1:14.68	01/31/2016	ESP	Roberto ALBERICHE	100	M.	FREE	Jane ASHER	GBR	06/25/2016	1:28.60
2:55.35	01/30/2016	ESP	Roberto ALBERICHE	200	M.	FREE	Jane ASHER	GBR	06/25/2016	3:12.66
6:53.90	03/19/2016	USA	Wallie JEFFRIES	400	M.	FREE	Jane ASHER	GBR	04/15/2016	6:57.06
14:04.48	05/18/2008	USA	Willard LAMB	800	M.	FREE	Jane ASHER	GBR	09/16/2016	14:24.83
27:28.24	04/24/2016	JPN	Katsura SUZUKI	1500	M.	FREE	Jane ASHER	GBR	11/27/2016	28:02.25
40.59	04/19/2009	JPN	Keijiro NAKAMURA	50	M.	BACK	Jane ASHER	GBR	06/25/2016	49.07
1:28.98	05/18/2008	JPN	Keijiro NAKAMURA	100	M.	BACK	Jane ASHER	GBR	06/25/2016	1:50.18
3:18.29	04/20/2008	JPN	Keijiro NAKAMURA	200	M.	BACK	Jane ASHER	GBR	07/10/2016	3:57.91
44.47	06/13/2010	JPN	Toshio TAJIMA	50	M.	BRST	A.VAN OBBERGHEN	BEL	01/23/2016	52.17
1:43.72	01/24/2010	GER	Karl HAUTER	100	M.	BRST	A.VAN OBBERGHEN	BEL	01/22/2016	1:56.68
3:59.91	03/18/2017	JPN	Shunsaku TAKAHIRA	200	M.	BRST	A.VAN OBBERGHEN	BEL	03/19/2016	4:17.34
41.08	01/28/2016	ESP	Roberto ALBERICHE	50	M.	FLY	Judie OLIVER	CAN	03/25/2017	51.40
1:52.03	05/12/2018	JPN	Takashi HAYASHI	100	M.	FLY	Judie OLIVER	CAN	05/12/2017	2:02.59
3:44.92	10/31/2010	USA	Thomas MAINE	200	M.	FLY	Judie OLIVER	CAN	03/25/2017	4:40.42
1:34.85	03/05/2016	ESP	Roberto ALBERICHE	100	M.	I.M.	Jane ASHER	GBR	08/20/2016	1:47.02
3:48.20	05/27/2018	JPN	Yoshinao KAMEI	200	M.	I.M.	Jane ASHER	GBR	10/01/2016	4:02.82
8:12.94	10/30/2010	USA	Thomas MAINE	400	M.	I.M.	Judie OLIVER	CAN	03/24/2017	8:42.45
***** MEN ***** 90-94 ***** WOMEN *****										
40.93	02/07/2016	JPN	Toshimi INATOMI	50	M.	FREE	Mieko KAMOSHITA	JPN	02/05/2017	49.09
1:35.17	10/11/2015	GER	Karl HAUTER	100	M.	FREE	Olga KOKORINA	RUS	03/09/2013	1:58.28
3:27.14	11/25/2016	GER	Karl HAUTER	200	M.	FREE	Rita SIMONTON	USA	11/08/2008	4:24.90
7:44.83	09/28/2014	USA	Willard LAMB	400	M.	FREE	Rita SIMONTON	USA	11/08/2008	9:01.89
16:04.18	09/27/2014	USA	Willard LAMB	800	M.	FREE	Maurine KORNFELD	USA	12/04/2011	18:38.69
30:41.82	09/26/2014	USA	Willard LAMB	1500	M.	FREE	Rita SIMONTON	USA	10/05/2008	35:40.38
52.49	05/25/2008	JPN	Goro KOBAYASHI	50	M.	BACK	Betty LORENZI	USA	10/14/2017	56.84
1:47.66	05/14/2006	JPN	Goro KOBAYASHI	100	M.	BACK	Betty LORENZI	USA	10/14/2017	2:04.90
3:59.25	05/27/2007	JPN	Goro KOBAYASHI	200	M.	BACK	Betty LORENZI	USA	10/15/2017	4:24.90
49.58	06/07/2015	JPN	Toshio TAJIMA	50	M.	BRST	Olga KOKORINA	RUS	03/09/2013	1:02.33
1:56.64	11/07/2015	GER	Karl HAUTER	100	M.	BRST	Olga KOKORINA	RUS	11/02/2013	2:25.58
4:21.52	11/12/2016	GER	Karl HAUTER	200	M.	BRST	Olga KOKORINA	RUS	03/07/2013	5:15.24
54.38	05/24/2015	JPN	Toshio TAJIMA	50	M.	FLY	Charlotte SANDDAL	USA	10/11/2012	1:21.95
2:16.78	06/10/2018	BRA	G.DA SILVA	100	M.	FLY	Dorothy WESTON	GBR	04/06/2003	3:21.00
5:24.08	10/11/2015	USA	Thomas MAINE	200	M.	FLY	Nora RONAI	BRA	09/20/2014	9:17.02
1:53.75	11/28/2015	GER	Karl HAUTER	100	M.	I.M.	Olga KOKORINA	RUS	03/08/2013	2:22.96
4:17.75	11/25/2016	GER	Karl HAUTER	200	M.	I.M.	Jean TROY	USA	11/05/2017	5:40.20
9:39.56	11/15/2015	USA	Thomas MAINE	400	M.	I.M.	Nora RONAI	BRA	11/20/2014	13:55.37
***** MEN ***** 95-99 ***** WOMEN *****										
45.47	11/18/2017	USA	Willard LAMB	50	M.	FREE	Maurine KORNFELD	USA	12/03/2016	1:04.68
1:47.23	03/04/2017	USA	Willard LAMB	100	M.	FREE	Maurine KORNFELD	USA	12/01/2017	2:16.63
3:56.49	11/18/2017	USA	Willard LAMB	200	M.	FREE	Maurine KORNFELD	USA	12/01/2017	4:56.12
8:13.42	03/05/2017	USA	Willard LAMB	400	M.	FREE	Maurine KORNFELD	USA	12/03/2016	10:08.44
16:56.22	11/19/2017	USA	Willard LAMB	800	M.	FREE	Maurine KORNFELD	USA	11/06/2016	20:57.02
31:56.67	11/19/2017	USA	Willard LAMB	1500	M.	FREE	Rita SIMONTON	USA	10/06/2013	42:34.14
55.60	11/19/2017	USA	Willard LAMB	50	M.	BACK	Nora KUTTI	EST	02/04/2017	1:12.24
2:04.72	11/11/2017	USA	Willard LAMB	100	M.	BACK	Maurine KORNFELD	USA	12/03/2016	2:42.88
4:24.83	11/18/2017	USA	Willard LAMB	200	M.	BACK	Maurine KORNFELD	USA	12/01/2017	5:50.15
1:07.12	01/24/2010	JPN	Hiromu YOSHIMOTO	50	M.	BRST	Naka FUKUOKA	JPN	06/03/2018	1:42.55
2:31.77	01/24/2010	JPN	Hiromu YOSHIMOTO	100	M.	BRST	Naka FUKUOKA	JPN	06/03/2018	3:42.93
5:45.70	05/08/2010	JPN	Hiromu YOSHIMOTO	200	M.	BRST	Naka FUKUOKA	JPN	06/03/2018	3:42.93
2:02.24	10/27/2018	USA	Robert DOUD	50	M.	FLY	Maurine KORNFELD	USA	12/02/2017	2:12.78
5:36.78	03/17/2018	USA	Robert DOUD	100	M.	FLY	Maurine KORNFELD	USA	12/02/2017	2:12.78
11:08.68	03/17/2018	USA	Robert DOUD	200	M.	FLY	Maurine KORNFELD	USA	12/02/2017	2:12.78
2:39.39	12/09/2017	USA	Willard LAMB	100	M.	I.M.	Maurine KORNFELD	USA	09/25/2016	3:32.13
9:50.55	10/05/2008	USA	Walter PFEIFFER	200	M.	I.M.	Charlotte SANDDAL	USA	10/12/2018	9:32.59
21:03.17	10/05/2008	USA	Walter PFEIFFER	400	M.	I.M.	Charlotte SANDDAL	USA	10/12/2018	9:32.59
***** MEN ***** 100-104 ***** WOMEN *****										
55.75	06/23/2018	AUS	George CORONES	50	M.	FREE	Mieko NAGAOKA	JPN	01/26/2014	1:34.12
2:19.02	06/23/2018	AUS	George CORONES	100	M.	FREE	Mieko NAGAOKA	JPN	01/26/2014	3:30.49



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				200 M. FREE	Mieko NAGAOKA	JPN	01/25/2014	7:27.89	
				400 M. FREE	Mieko NAGAOKA	JPN	04/06/2014	16:40.10	
				800 M. FREE	Mieko NAGAOKA	JPN	05/11/2014	36:51.23	
				1500 M. FREE	Mieko NAGAOKA	JPN	04/04/2015	75:54.39	
1:26.68	03/29/2014	FRA	Jean LEEMPUT	50 M. BACK	Mieko NAGAOKA	JPN	02/16/2014	1:38.71	
3:26.09	03/28/2014	FRA	Jean LEEMPUT	100 M. BACK	Mieko NAGAOKA	JPN	02/16/2014	3:42.81	
				200 M. BACK	Mieko NAGAOKA	JPN	02/15/2014	7:40.01	
				50 M. BRST					
				100 M. BRST					
				200 M. BRST					
				50 M. FLY					
				100 M. FLY					
				200 M. FLY					
				100 M. I.M.					
				200 M. I.M.					
				400 M. I.M.					
*****	MEN	*****	105-109	*****	W O M E N	*****			
2:52.48	01/24/2014	CAN	Jaring TIMMERMAN	50 M. FREE					
				100 M. FREE					
				200 M. FREE					
				400 M. FREE					
				800 M. FREE					
				1500 M. FREE					
3:09.55	01/24/2014	CAN	Jaring TIMMERMAN	50 M. BACK					
				100 M. BACK					
				200 M. BACK					
				50 M. BRST					
				100 M. BRST					
				200 M. BRST					
				50 M. FLY					
				100 M. FLY					
				200 M. FLY					
				100 M. I.M.					
				200 M. I.M.					
				400 M. I.M.					
*****	RELAY 200 M. FREE - WOMEN	*****	*****	*****	RELAY 200 M. MEDLEY - WOMEN	*****			
100-119	MICHIGAN	USA	03/31/1996	1:45.93	100-119	NEVA STARS	RUS	11/27/2015	1:58.90
	Dyne BURRELL		Susie DEVLIN			Evgeniya KARETINA		Anna POLIAKOVA	
	Mary MUETING		Sheila TAORMINA			Anna KUZMICHEVA		Ekaterina SHERSHEN	
120-159	TSUNAMI	USA	11/30/2014	1:44.88	120-159	TSUNAMI	RUS	11/28/2014	1:56.67
	Irina SHLEMOVA		Lyubov YUDINA			Svetlana KARPEEVA		Svetlana KNIAGININA	
	Ekaterina YUDINA		Svetlana KNIAGININA			Irina SHLEMOVA		Lyubov YUDINA	
160-199	NORTH CAROLINA MASTE	USA	11/10/2013	1:48.08	160-199	HELSINGBERGS SIMSALL	SWE	05/08/2016	2:00.84
	Sue WALSH		Jen STRINGER			Nina WAHLBERG		Louise KARLSSON	
	Alicia UHL		Erika BRAUN			Johanna SJOBERG		Helena ABERG	
200-239	NORTH TEXAS MASTERS	USA	11/07/2015	1:55.60	200-239	MASOR	NOR	03/02/2018	2:09.45
	Maureen REA		Stephanie STONE			Lise Raven LOTHE		Anette SORESEN	
	Lynn MORRISON		Kristin HENDERSON			Janne THORSTENSEN		Bente RIST	
240-279	NORTH TEXAS LONESTAR	USA	11/11/2017	2:02.15	240-279	NORTH TEXAS LONESTAR	USA	11/14/2015	2:19.60
	Kristin HENDERSON		Lynn MORRISON			Monica BAILEY		Krissy MACCUDY	
	Christina MCKELVEY		Monica BAILEY			Lynn MORRISON		Christina MCKELVEY	
280-319	ST KANSAS	JPN	10/18/2009	2:25.91	280-319	OREGON MASTERS	USA	11/18/2017	2:44.72
	Fusako HIROOKA		Keiko OTSUBO			Joy WARD		Janet GETTLING	
	Kasumi ISHIKAWA		Yoshiko OSAKI			Sandi ROUSSEAU		Margaret TOPPEL	
320-359	BIG YOKOHAMA	JPN	02/16/2013	2:55.60	320-359	BIG YOKOHAMA	JPN	02/16/2013	3:28.88
	Shoko YONEZAWA		Sonoe WATANABE			Shoko YONEZAWA		Masae KURATA	
	Mieko KAMOSHITA		Masae KURATA			Sonoe WATANABE		Mieko KAMOSHITA	
360-399	SAPPORO MST	JPN	06/02/2013	4:45.07	360-399	SAPPORO MASTERS	JPN	06/03/2018	5:40.08
	Kinko MATSUMOTO		Setsuko NARITA			Sumiko KUJI		Naka FUKUOKA	
	Naka FUKUOKA		Fumi MURATA			Haruko SASAKI		Fumi MURATA	
*****	RELAY 400 M. FREE - WOMEN	*****	*****	*****	*****	RELAY 400 M. MEDLEY - WOMEN	*****		
100-119	BIRMINGHAM MASTERS	GBR	10/27/2017	4:04.28	100-119	RENAISSANCE	JPN	09/23/2015	4:14.24
	Anna MCCALL		Katie WALKER-STABELER			Ayumi WATANABE		Yoko YAMAGUCHI	
	Caroline SAXON		Justine CLARK			Mio HIRANO		Maki MITA	
120-159	TEDDINGTON MASTERS	GBR	10/30/2016	4:00.78	120-159	TEDDINSTON MASTERS	GBR	10/28/2017	4:24.80
	Zoe LIOKALOS		Laure KEARNS			Hannah LOUGHLIN		Georgina HEYN	
	Hannah LOUGHLIN		Georgina HEYN			Rebecca NEWSON		Zoe LIOKALOS	
160-199	RED TIDE OF NYC	USA	12/13/2009	4:03.25	160-199	RYOGOKU KINGYO	JPN	05/20/2018	4:33.15
	Fall WILLEBOORDSE		Jane KELSEY			Mitsuko AZEYANAGI		Hitomi MATSUDA	
	Susan WAGER		Kristin GARY			Mabi TSUKIOKA		Machiko IWASHITA	



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Table with 4 columns: Event ID, Name, Country, Date, Time. Includes events like 200-239 BARNET COPTHALL, 240-279 UCLA, 280-319 VIRGINIA MASTERS, etc.

Table with 4 columns: Event ID, Name, Country, Date, Time. Includes events like 100-119 SILVER CITY, 120-159 TEDDINGTON MASTERS, 160-199 RED TIDE OF NYC, etc.

Table with 4 columns: Event ID, Name, Country, Date, Time. Includes events like 100-119 OKUDINHAS, 120-159 THE STAR, 160-199 LAHDEN KALEVA, etc.

Table with 4 columns: Event ID, Name, Country, Date, Time. Includes event 100-119 FARUM SVOMMEKLUB.

Table with 4 columns: Event ID, Name, Country, Date, Time. Includes events like 200-239 NORTH TEXAS MASTERS, 240-279 OREGON MASTERS, 280-319 SPENCER SWIM TEAM, etc.

Table with 4 columns: Event ID, Name, Country, Date, Time. Includes events like 100-119 OKUDINHAS, 120-159 THE STAR, 160-199 LAHDEN KALEVA, etc.

Table with 4 columns: Event ID, Name, Country, Date, Time. Includes events like 100-119 GOLDEN ROAD AQUATICS, 120-159 JFE KEIHIN, 160-199 SIBMASTERS, etc.

Table with 4 columns: Event ID, Name, Country, Date, Time. Includes event 100-119 FORD AQUATICS.



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120-159 JFE KEIHIN	JPN 05/20/2018 3:23.55	120-159 JFE KEIHIN	JPN 05/20/2018 3:40.00
Ryoya TAGUCHI	Takashi TAKEMOTO	Takashi TAKEMOTO	Hajime IKEGAMI
Takao UEKI	Shintaro UCHIYAMA	Ryoya TAGUCHI	Shintaro UCHIYAMA
160-199 ASB NUOTO MASTERS	ITA 03/25/2018 3:31.49	160-199 ASD NUOTO MASTERS	ITA 03/24/2018 3:50.15
Gianluca ERMETI	Andrea MANIERO	Maurizio TERSAR	Andrea MANIERO
Maurizio TERSAR	Massimiliano GIALDI	Massimiliano EROLI	Massimiliano GIALDI
200-239 BLU FROG TEAM	USA 10/15/2011 3:40.26	200-239 LONGHORN AQUATICS	USA 12/02/2012 3:59.68
Charles LYDECKER	Ross BOHLKEN	Anders RASMUSSEN	David GUTHRIE
Keith SWITZER	Ambrose GAINES	Jim SAUER	Mike VAROZZA
240-279 BLU FROG TEAM	USA 10/14/2012 3:56.97	240-279 RICE AQUATIC MASTERS	USA 11/11/2018 4:19.86
Ross BOHLKEN	Marc MIDDLETON	Jay YARID	David GUTHRIE
Lucky MEISENHEIMER	Richard ABRAHAMS	John FIELDS	Bruce WILLIAMS
280-319 GOLD COAST MASTERS	USA 10/11/2015 4:21.85	280-319 PALM BEACH	USA 11/04/2018 5:02.50
Lee CHILDS	Jan SODERSTROM	George SCHMIDT	Robert HEACOCK
Keefe LODWIG	David QUIGGIN	Lee CHILDS	David QUIGGIN
320-359 MICHIGAN MASTERS	USA 03/19/2016 5:48.17	320-359 MICHIGAN	USA 03/19/2016 6:35.34
Keith CROMPTON	Joel LOCKWOOD	Ray MARTIN	Joel LOCKWOOD
Ray MARTIN	Erik LOKENSGARD	Erik LOKENSGARD	Wallie JEFFRIES
360-399 FLORIDA AQUATIC COMB	USA 10/12/2014 9:52.10	360-399	
Rogers HOLMES	John CORSE		
Edwin GRAVES	William ADAMS		
***** RELAY 800 M. FREE - M E N *****			
100-119 AQAMAX	JPN 04/09/2017 7:37.43		
Suguru ANDO	Ryo USHIJIMA		
Tomoki TANAKA	Chikahide ENDO		
120-159 BLUE CORSAIRS	JPN 04/09/2017 7:30.89		
Ryoya TAGUCHI	Takashi TAKEMOTO		
Shintaro UCHIYAMA	Takao UEKI		
160-199 SIGMA SWIM	DEN 03/12/2016 7:52.68		
Mads GJERLOV	Jacob LERCKE SKYTTE		
Henrik PEDERSEN	Claus LERCHE IVERSEN		
200-239 BLU FROG TEAM	USA 10/14/2011 8:03.40		
Ambrose GAINES	Charles LYDECKER		
Tim BUCKLEY	Keith SWITZER		
240-279 VENTURA COUNTY MASTE	USA 12/04/2015 8:50.43		
Jim MCCONICA	Glenn GRUBER		
Michael BLATT	Mike SHAFFER		
280-319 GOLD COAST MASTERS	USA 10/09/2015 10:07.45		
David QUIGGIN	Cav CAVANAUGH		
Lee CHILDS	Keefe LODWIG		
320-359 MICHIGAN MASTERS	USA 03/19/2016 12:15.50		
Wallie JEFFRIES	Joel LOCKWOOD		
Ray MARTIN	Erik LOKENSGARD		
360-399 FLORIDA AQUATIC COMB	USA 10/10/2014 21:24.39		
Rogers HOLMES	William ADAMS		
Edwin GRAVES	John CORSE		
***** RELAY 200 M. FREE - MIXED *****		***** RELAY 200 M. MEDLEY - MIXED *****	
100-119 POSEIDON	RUS 11/29/2014 1:39.37	100-119 GOLDEN ROAD	USA 12/02/2017 1:48.37
Olga KLIUCHNIKOVA	Aleksei TESLIK	Margo ACEINO	Luke PECHMANN
Anna MARKOVA	Aleksei ZATCEPIN	Alexander ACEINO	Liliana IBANEZ LOPEZ
120-159 TSUNAMI	RUS 11/29/2014 1:37.54	120-159 PHOENIX SWIM CLUB	USA 11/23/2013 1:47.51
Vitaly CHERNYY	Irina SHLEMOVA	Norika INADA	Jeff COMMINGS
Lyubov YUDINA	Sergey MUKHIN	Erin CAMPBELL	Jan KONARZEWSKI
160-199 NEVA STARS	RUS 11/28/2015 1:40.86	160-199 SIBMASTERS	RUS 11/26/2017 1:52.45
Pavel LEBEDEV	Anna POLIAKOVA	Sergey MAKOV	Sergei GEIBEL
Olga POZNIKOVA	Vladimir PREDKIN	Yuliva FROLOVA	Marina KUKSINA
200-239 EAST LEEDS	GBR 10/28/2016 1:46.08	200-239 BLU FROG TEAM	USA 10/14/2012 1:57.65
Paul CLEMENCE	Nina WILLIAMS	Sheri HART	Danielle CHANCE
David EMERSON	Julie HOYLE	Marc MIDDLETON	Richard ABRAHAMS
240-279 NORTH TEXAS LONESTAR	USA 11/14/2015 1:52.68	240-279 PUGET SOUND MASTERS	USA 11/22/2015 2:07.54
Doug MARTIN	Tom BARTON	Donald GRAHAM	Rick COLELLA
Christina MCKELVEY	Lynn MORRISON	Lisa DAHL	Charlotte DAVIS
280-319 TAMALPAIS AQUATIC MA	USA 10/11/2015 2:08.53	280-319 TAMALPAIS AQUATIC MA	USA 09/27/2015 2:22.04
Richard BURNS	Laura VAL	Laura VAL	Kenneth FROST
Kenneth FROST	Nancy RIDOUT	Richard BURNS	Nancy RIDOUT
320-359 JUEI CLUB	JPN 05/21/2006 2:36.37	320-359 AZSC	BEL 05/21/2016 3:00.58
Isamu TAMURA	Mieko KAMOSHITA	Jozef VAN ROY	Agnes VAN OBBERGHEN
Yuriko NAGAMATSU	Keijiro NAKAMURA	Joseph MEYTEN	Eliane PELLIS
360-399 SUNWAY YOKOHAMA	JPN 02/11/2018 3:32.71	360-399 COAST MASTERS	USA 10/19/2003 5:12.04
Mieko KAMOSHITA	Kaizo WATANABE	Madeleine MILLER	Maxine MERLINO
Shoko YONEZAWA	Minoru NAGASHIMA	Walter PFEIFFER	Woody BOWERSOCK



FINA WORLD MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2018

***** RELAY 400 M. FREE - MIXED *****	***** RELAY 400 M. MEDLEY - MIXED *****
100-119 GOLDEN ROAD USA 12/02/2017 3:41.64	100-119 DWK NED 01/25/2014 4:05.65
Liliana IBANEZ LOPEZ Alexander ACEINO	Merijn ELLENKAMP Nick VAN GEMERT
Megan JEX Mario MARSHALL	Pauline GOEWENS Marion VAN DEN BERG
120-159 TEDDINGTON MASTERS GBR 10/29/2016 3:42.83	120-159 PHOENIX SWIM CLUB USA 11/24/2013 3:56.24
Paul GRIFFIN Georgina HEYN	Norika INADA Jeff COMMINGS
Zoe LIOKALOS Leon SMITH	Erin CAMPBELL Jan KONARZEWSKI
160-199 COLORADO MASTERS SWI USA 11/21/2009 3:46.01	160-199 COLORADO MASTERS SWI USA 11/22/2009 4:10.32
Chris O'SULLIVAN Richard ABRAHAMS	Sheri HART Susan VON DER LIPPE
Susan VON DER LIPPE Sheri HART	Chris O'SULLIVAN Richard ABRAHAMS
200-239 NORTH CAROLINA MASTE USA 12/14/2014 3:56.10	200-239 ILLINOIS MASTERS USA 10/11/2015 4:23.63
Erika BRAUN Henry STEWART	Jim TUCHLER David SIMS
Sue WALSH Jonathan KLEIN	Andrea BLOCK Liz DILLMANN
240-279 PUGET SOUND MASTERS USA 11/20/2016 4:16.39	240-279 OREGON USA 12/13/2009 4:43.20
Rick COLELLA Charlotte DAVIS	Karen ANDRUS-HUGHES Allen STARK
Dave HANNULA Lisa DAHL	Colette CRABBE David RADCLIFF
280-319 SARASOTA SHARKS MAST USA 11/04/2018 4:50.49	280-319 TAMALPAIS AQUATIC MA USA 10/11/2015 5:21.37
Bob COUCH Julianna HOLBROOK	Laura VAL Kenneth FROST
June CARSON Rick WALKER	Richard BURNS Nancy RIDOUT
320-359 OREGON MASTERS USA 11/12/2017 6:00.74	320-359 OREGON MASTERS USA 11/11/2017 6:59.56
Willard LAMB Joy WARD	Willard LAMB Janet GETTLING
David RADCLIFF Margaret TOPPEL	Joy WARD David RADCLIFF
360-399 SUNWAY YOKOHAMA JPN 10/21/2017 9:05.56	360-399 SAPPORO MST JPN 05/31/2015 10:38.12
Mieko KAMOSHITA Kaizo WATANABE	Fumi MURATA Naka FUKUOKA
Shigeko TANAKA Minoru NAGASHIMA	Toshikazu TATEDA Yoshiro OBATA
***** RELAY 800 M. FREE - MIXED *****	
100-119 SEN-SWIM JPN 11/17/2018 8:20.64	
Mika KASHIWAZAKI Kanako TAYAMA	
Tomoki TANAKA Chikahide ENDO	
120-159 NOTTINGHAM LEANDER GBR 11/23/2014 8:13.69	
Iain MACMILLAN Selena BURGESS	
Rebeca MILNES Alex THURSTON	
160-199 WALNUT CREEK MASTERS USA 10/16/2009 8:26.62	
Jack SORENSEN Alison ZAMANIAN	
Margee CURRAN Roque SANTOS	
200-239 ILLINOIS MASTERS USA 10/11/2015 8:36.91	
Liz DILLMANN David SIMS	
Andrea BLOCK Jim TUCHLER	
240-279 TAMALPAIS AQUATIC MA USA 10/04/2009 9:34.91	
Richard BURNS Laura VAL	
Barbara WHEELER Kenneth FROST	
280-319 TAMALPAIS AQUATIC MA USA 09/27/2015 10:54.11	
Laura VAL Kenneth FROST	
Nancy RIDOUT Richard BURNS	
320-359 AZSC BEL 01/20/2017 15:02.24	
Joseph MEYTEN Agnes VAN OBBERGHEN	
Jozef VAN ROY Eliane PELLIS	
360-399 FLORIDA AQUATIC COMB USA 12/17/2016 23:00.65	
Edwin GRAVES John CORSE	
Joan CAMPBELL Betty LORENZI	

The next Top Ten issue will be 2019 Short Course Yards to be published in August 2019.

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