



# Short Course Meters 2023 Top Ten

*Published March 2024*

The 2023 Short Course Meters Top Ten is the last issue in a series of three 2023 Top Ten issues produced by United States Masters Swimming. Inside you will find the Top Ten Times for the 2023 Short Course Meter season (swims performed in a 25 meter pool) made on or before December 31, 2023 and forwarded to the National Swims Administrator, Mary Beth Windrath, by January 20th, 2023. 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](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](mailto:toptenpatches@usms.org).

**All American Patches and Certificates**

Once the SCM Top Ten is *finalized*, the official 2023 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 Event Services  
8388 South Tamiami Trail, Suite 221  
Sarasota, FL 34238

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](http://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 World Aquatics (formerly FINA) 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!*

**CONTENTS**

Women’s Individual	18-24.....1
	25-29.....1
	30-34.....2
	35-39.....3
	40-44.....3
	45-49.....4
	50-54.....5
	55-59.....5
	60-64.....6
	65-69.....7
	70-74.....7
	75-79.....8
	80-84.....9
	85-89.....9
	90-94.....10
	95-99.....10
	100-104.....10
Men’s Individual	18-24.....10
	25-29.....11
	30-34.....11
	35-39.....12
	40-44.....13
	45-49.....14
	50-54.....14
	55-59.....15
	60-64.....16
	65-69.....16
	70-74.....17
	75-79.....18
	80-84.....18
	85-89.....19
	90-94.....19
	95-99.....20
	100-104.....20
Women’s Relays	72+.....21
	100+.....21
	120+.....21
	160+.....22
	200+.....23
	240+.....23
	280+.....24
	320+.....25
Men’s Relays	72+.....25
	100+.....25
	120+.....26
	160+.....27
	200+.....28
	240+.....29
	280+.....30
	320+.....30
	360+.....31
Mixed Relays	72+.....31
	100+.....31
	120+.....32
	160+.....32
	200+.....33
	240+.....34
	280+.....35
	320+.....36
	360+.....36
Errata For LCM ’23	.....37
AQUA world SCM Records	.....38

<b>Season</b>	<b>Date of Swims for Top 10 Consideration</b>	<b>Date Data must be Submitted</b>	<b>Report Delivered</b>
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 20 (of following year)	March

<b>WOMEN 18-24</b>		■ 100 M. BACKSTROKE		1:16.08 Carli I Willis	24	2:25.56 Cailin G Wolff	28
		59.45 PETRA KLOSOVA	09	1:19.68 Emily N Swigart	23	2:25.79 Carly Harten	28
		1:05.45 Danica Adams	24	1:20.31 Alice Ricci	24	2:26.26 Jessica M Sauve	27
		1:07.57 Abbey Erwin	24	■ 200 M. BUTTERFLY		2:27.88 P Castelblanco	29
		1:07.80 Trinity L Kay	23	2:19.83 ALEXANDRA YOUNG	11	2:27.99 Phoebe Lee	27
		1:14.67 Sophia Greco	24	2:57.69 Emily N Swigart	23	■ 400 M. FREESTYLE	
■ 50 M. FREESTYLE		1:15.05 Carolyn E Sievers	24	3:07.52 Rayna L Harter	23	4:24.18 SHEILA TAORMINA	96
25.58 J BECKBERGER	10	1:15.41 Adelynn Peterson	24	3:34.73 Daniela Arteaga	24	4:28.40 Megan A Bull	25
28.57 Faith E Perry	21	1:15.89 Emily N Swigart	23	3:52.66 Isabelle K Singh	24	4:47.44 Rachel J Werking	25
28.77 Mary C Laurita	24	1:18.28 McKinley Becraft	24	4:11.19 Elizabeth J Evans	20	4:51.66 Rebecca L Cubbler	25
29.09 Misty Hirsch	24	1:18.90 Shannon Linsey	24	4:26.58 A Van Hoesen	21	4:59.82 Jessica M Sauve	27
29.16 Albina Krasnykova	24	1:20.70 Sarah Rinnman	22	■ 100 M. INDIVIDUAL MEDLEY		5:00.83 Delaney M Smith	27
29.17 Brooke R Collins	18	■ 200 M. BACKSTROKE		1:01.74 KARA DENBY	09	5:02.64 Cailin G Wolff	28
29.39 Sarah J Sandison	23	2:18.11 MARINA NASCIMENTO	14	1:04.22 Trinity L Kay	23	5:06.10 Ashley N Quinn	27
29.65 Danica Adams	24	2:21.23 Danica Adams	24	1:08.88 Abbey Erwin	24	5:11.38 Vivian A Crow	26
29.89 Cassandra Buff	23	2:22.70 Abbey Erwin	24	1:10.26 Mary C Laurita	24	5:12.41 Rhiannon Reese	25
30.04 Riley A Crow	24	2:40.59 Emily N Swigart	23	1:11.09 C Marshall	24	5:16.16 M Jojoa-Portilla	26
30.12 Lainey Stiefvater	23	2:45.48 A Kulikowski	24	1:15.39 Misty Hirsch	24	■ 800 M. FREESTYLE	
■ 100 M. FREESTYLE		2:48.87 Shannon Linsey	24	1:16.13 Carolyn E Sievers	24	8:51.18 SHEILA TAORMINA	96
55.86 J BECKBERGER	10	2:57.12 Rayna L Harter	23	1:16.61 Isabel Blaze	24	10:22.46 Cailin G Wolff	28
59.91 Erin J McCann	24	2:57.15 Alice Ricci	24	1:17.48 Brooke R Collins	18	10:44.01 Vivian A Crow	26
1:02.81 Katherine Beuchel	22	3:04.14 Olivia G Barkley	23	1:17.92 Thea E McKenna	23	10:49.49 Kara Hippen	27
1:04.29 Danica Adams	24	3:29.53 Melika Ramin	23	1:18.30 Annah R Van Gheem	24	10:53.01 Samantha J Kraft	27
1:06.11 Riley A Crow	24	3:29.80 Maggie Scherder	21	■ 200 M. INDIVIDUAL MEDLEY		13:03.55 Yun Li	29
1:06.85 Nicole Greenberg	24	■ 50 M. BREASTSTROKE		2:17.43 DESTINY NELSON	20	14:28.82 Gina M Grant	25
1:07.95 Sophia Greco	24	32.09 BEATA KASZUBA	95	2:20.37 Trinity L Kay	23	15:22.09 Anna Beem	27
1:08.26 Amy E Larsen	24	36.38 C Marshall	24	2:40.97 McKinley Becraft	24	■ 1500 M. FREESTYLE	
1:09.06 Ali N Smith	23	36.47 Faith E Perry	21	2:44.24 Amy E Larsen	24	16:36.07 SHEILA TAORMINA	96
1:11.62 Shannon J Porter	24	37.43 McKinley Becraft	24	2:49.05 A Kulikowski	24	17:43.83 Megan A Bull	25
1:13.23 Lily Hakkarainen	24	37.69 Misty Hirsch	24	2:52.20 Emily N Swigart	23	19:00.76 Catherine V Ladd	27
■ 200 M. FREESTYLE		38.19 Lainey Stiefvater	23	2:55.76 Sarah Rinnman	22	19:16.02 Danielle R Sauve	27
2:03.39 ALEXANDRA LEE	09	38.33 Mary C Laurita	24	2:58.45 Tristan Langley	23	19:23.41 Hannah Kukurugya	25
2:11.44 Erin J McCann	24	38.73 Kenya K Lam	24	3:03.17 Lily Hakkarainen	24	19:46.86 Cailin G Wolff	28
2:14.51 Abbey Erwin	24	39.25 Xonzy L Gaddis	23	3:05.98 Shannon J Porter	24	20:05.45 S Sturzenegger	27
2:27.34 Annah R Van Gheem	24	40.10 Brooke R Collins	18	3:06.19 Rayna L Harter	23	20:21.22 Vivian A Crow	26
2:30.30 Carli I Willis	24	40.32 Helen Geddes	23	■ 400 M. INDIVIDUAL MEDLEY		20:29.26 Lissi Knell	29
2:32.09 Emily N Swigart	23	■ 100 M. BREASTSTROKE		4:50.84 KATHERINE MILLS	11	20:32.39 Samantha J Kraft	27
2:33.25 Carolyn E Sievers	24	1:08.89 BEATA KASZUBA	95	5:49.20 Cassandra Buff	23	20:33.85 Kara Hippen	27
2:34.06 Ali N Smith	23	1:10.37 Gabrielle LePine	19	5:57.50 Amy E Larsen	24	■ 50 M. BACKSTROKE	
2:38.85 Liberty G Freeman	18	1:16.18 Trinity L Kay	23	6:08.60 Emily N Swigart	23	28.40 MARINA SPADONI	18
2:39.73 Alice Ricci	24	1:19.48 Sam M Rankin	22	6:31.70 Rayna L Harter	23	33.17 Harper Hemmingsen	28
2:46.44 Anna Van Holland	22	1:19.74 C Marshall	24	6:40.27 Jade Y Jegers	20	33.26 Kyleigh N Barao	25
■ 400 M. FREESTYLE		1:21.98 McKinley Becraft	24	7:06.31 Elise L Morley	23	33.76 Kali Weaver	28
4:19.91 MARINA FALCONE	10	1:22.19 Kenya K Lam	24	7:13.76 Isabelle K Singh	24	34.33 M Jojoa-Portilla	26
4:31.85 Erin J McCann	24	1:27.41 Carly Kahler	20			34.41 Sarah N Glisan	26
4:34.82 Danica Adams	24	1:27.60 Nicole Greenberg	24			34.83 Susanna Liang	27
4:58.92 Adelynn Peterson	24	1:28.66 Amy E Larsen	24			35.38 Hope C Garrett	27
5:00.55 Katherine Beuchel	22	1:29.13 Xonzy L Gaddis	23			35.72 Brenda Shanahan	26
5:03.15 Annah R Van Gheem	24	■ 200 M. BREASTSTROKE				35.79 Cailin G Wolff	28
5:20.71 A Kulikowski	24	2:32.80 MICAH LAWRENCE	14			36.01 Caitlin Gagnon	29
5:20.93 Shannon Linsey	24	2:35.52 Gabrielle LePine	19			■ 100 M. BACKSTROKE	
5:21.88 Carli I Willis	24	2:58.34 McKinley Becraft	24			1:01.76 MARINA SPADONI	18
5:32.89 Alice Ricci	24	3:06.41 Cassandra Buff	23			1:12.76 Julia Cunningham	28
5:40.53 Liberty G Freeman	18	3:15.84 A Kulikowski	24			1:14.58 Lilith Lengvenis	25
■ 800 M. FREESTYLE		3:20.70 Shannon Linsey	24			1:15.00 Kelly Punyko	26
8:58.71 DAWN HECKMAN	01	3:37.13 Rayna L Harter	23			1:15.18 Meghan M Hackett	26
12:16.01 Shannon J Porter	24	4:47.69 A Van Hoesen	21			1:15.30 Hope C Garrett	27
12:16.80 Anna Van Holland	22	■ 50 M. BUTTERFLY				1:17.10 Brenda Shanahan	26
12:39.47 Isabelle K Singh	24	28.37 MEG GILL	09			1:17.53 Susanna Liang	27
15:41.55 Elizabeth J Evans	20	28.90 Olivia G Trojbom	21			1:17.55 Cassandra Laios	27
■ 1500 M. FREESTYLE		29.69 Trinity L Kay	23			1:17.60 Ashley N Quinn	27
17:15.23 DAWN HECKMAN	01	30.12 Mary C Laurita	24			1:19.27 M Jojoa-Portilla	26
19:59.41 Grace Thrasher	24	30.56 Kenya K Lam	24			■ 200 M. BACKSTROKE	
21:03.38 Shannon Linsey	24	30.73 McKinley Becraft	24			2:14.77 LIA OBERSTAR	10
22:55.46 E Seidensticker	18	31.64 Riley A Crow	24			2:38.23 P Castelblanco	29
23:38.13 Isabelle K Singh	24	33.04 Carli I Willis	24			2:40.04 Vivian A Crow	26
30:16.11 Elizabeth J Evans	20	33.33 Sophia Greco	24			2:44.30 Rhiannon Reese	25
■ 50 M. BACKSTROKE		33.36 Brooke R Collins	18			2:47.85 Lilith Lengvenis	25
29.69 PAIGE FRANCIS	00	33.51 E Seidensticker	18			2:54.26 Carly Harten	28
30.77 Olivia G Trojbom	21	■ 100 M. BUTTERFLY				2:59.09 Megan E Washburn	25
31.60 Danica Adams	24	1:01.22 KATHERINE MILLS	11			2:59.90 Stephanie N Saisi	26
32.39 Mary C Laurita	24	1:03.26 Trinity L Kay	23			3:00.53 Emma M Coggins	27
33.99 Misty Hirsch	24	1:06.66 McKinley Becraft	24			3:19.77 Juliana Chiarelli	29
34.17 Cassandra Buff	23	1:09.81 Riley A Crow	24			3:30.22 Gina M Grant	25
34.45 Emily N Swigart	23	1:10.31 Adelynn Peterson	24			■ 50 M. BREASTSTROKE	
35.30 Helen Geddes	23	1:11.52 Annah R Van Gheem	24			31.87 MEGAN JENDRICK	10
35.61 E Seidensticker	18	1:14.41 Katherine Beuchel	22			34.67 Ines Khiyara	25
36.03 Tristan Langley	23	1:15.44 Amy E Larsen	24			34.73 Jamie A Christy	28
36.98 A Kulikowski	24						

34.84	Brigitte Winkler	28	2:38.17	Brigitte Winkler	28	10:59.26	Sarah A Bednarcik	33	3:04.96	Rosalie M Fidanze	32
36.57	M Westendorp	25	2:42.53	Madison Ankiwicz	29	11:16.55	Jenn Hwang	31	3:13.62	Carly Krump	31
36.92	Kyleigh N Barao	25	2:42.96	Jessica M Sauve	27	■ 1500 M. FREESTYLE			3:13.76	Jenn Hwang	31
38.25	Mackenzie Schuler	27	2:43.93	Caitlin Gagnon	29	16:26.93	DAWN HECKMAN	11	3:14.10	Katherine Fisher	33
38.31	Vivian A Crow	26	2:43.95	Rhiannon Reese	25	17:16.22	Catherine Breed	30	3:20.43	Stephanie Seward	32
38.88	Danielle R Sauve	27	2:45.83	Lauren E Blake	26	17:39.38	Allison A Arnold	31	3:20.88	A Phillips	32
39.16	Julia A Gorham	27	2:47.63	Brenda Shanahan	26	18:05.76	Courtney Monsees	34	■ 50 M. BUTTERFLY		
39.42	Danielle B Murphy	29	■ 400 M. INDIVIDUAL MEDLEY			19:07.04	Joy Zhu	30	27.53	HANNAH CARON	23
■ 100 M. BREASTSTROKE			5:02.54	WENKE HANSEN	98	19:42.58	Emily Arcuri	31	27.53	Hannah Caron	32
1:10.04	MEGAN JENDRICK	12	5:36.43	Danielle R Sauve	27	20:11.90	Elyssa Pedote	30	30.07	Annie Fittin	34
1:15.81	Megan A Bull	25	5:47.40	Delaney M Smith	27	20:18.38	Cecily Devoto	34	30.77	Alja Tavcar	31
1:16.80	Brigitte Winkler	28	5:52.38	Rhiannon Reese	25	20:31.83	Ann H Tsuchiya	34	30.79	Kelley Conrad	34
1:19.08	Kyleigh N Barao	25	6:02.40	KaSandra N Kaplan	26	20:54.40	Stacey L Monroe	33	31.46	Tammy H Choy	33
1:21.14	Julia Cunningham	28	6:07.15	Carly Harten	28	20:59.21	Sarah A Bednarcik	33	31.67	Jessica L Stacy	34
1:22.76	M Westendorp	25	6:25.77	Emma M Coggins	27	■ 50 M. BACKSTROKE			31.67	Courtney Randolph	32
1:23.98	Danielle R Sauve	27	6:42.51	Emily Woo	28	27.61	NORIKO INADA	09	31.71	Ella M Meier	32
1:24.31	Jessica M Sauve	27	7:07.52	Mary L Everett	25	30.00	G Gigliotti	31	31.87	Anette Skoda	32
1:24.99	Mackenzie Schuler	27	7:49.55	Gina M Grant	25	32.18	Annie Fittin	34	32.21	Alison O'Connor	30
1:25.08	Vivian A Crow	26				33.05	Alja Tavcar	31	■ 100 M. BUTTERFLY		
1:25.77	Leah R Boltdt	26				33.10	Tammy H Choy	33	1:00.34	ERIKA ERNDL	12
■ 200 M. BREASTSTROKE						33.73	Morgan Cichewicz	34	1:10.57	Kelley Conrad	34
2:29.80	MEGAN JENDRICK	12				34.03	Alison O'Connor	30	1:12.55	Kristen E Pratt	34
2:53.36	Kyleigh N Barao	25				34.16	Jessica L Stacy	34	1:13.07	Ilsa Feierabend	31
2:59.60	Vivian A Crow	26				34.21	Jennifer R Cooper	32	1:13.49	Alana M Aubin	33
3:00.44	Jessica M Sauve	27				34.33	Katie Close	33	1:13.50	Alison O'Connor	30
3:02.14	M Westendorp	25				34.50	Y van der Merwe	33	1:14.49	Laurence Bloch	30
3:06.55	Julia A Gorham	27				■ 100 M. BACKSTROKE			1:16.11	Morgan A Peterson	30
3:13.30	Stephanie N Saisi	26				59.53	NORIKO INADA	09	1:16.48	Laurel Varne11	32
3:14.96	Leah R Boltdt	26				1:10.11	Penelope Yamauchi	33	1:18.16	Paula Vega	31
3:15.52	Ashley Eggart	25				1:10.60	Tammy H Choy	33	1:19.43	Carolyn Bernhardt	32
3:20.53	Kelly Punyko	26				1:12.28	Alison O'Connor	30	■ 200 M. BUTTERFLY		
■ 50 M. BUTTERFLY						1:13.16	Y van der Merwe	33	2:19.34	KATRINA RADKE	03
26.31	CLAIRE DONAHUE	15				1:14.54	Morgan Cichewicz	34	2:39.84	Kristen E Pratt	34
30.12	Danielle B Murphy	29				1:14.63	Carolyn Bernhardt	32	2:42.62	Ilsa Feierabend	31
30.21	Eleanor H Sills	28				1:15.28	Kelley Conrad	34	2:44.52	Rachel E Mensch	32
30.66	Anna K Stahlak	26				1:15.91	Laurence Bloch	30	2:45.09	Alison O'Connor	30
30.77	Julia Cunningham	28				1:16.24	Katie Close	33	2:54.13	Alana M Aubin	33
30.77	Meghan M Hackett	26				1:17.29	C Kruczynski	30	2:56.74	Laurence Bloch	30
31.21	Delaney M Smith	27				■ 200 M. BACKSTROKE			2:56.84	Paula Vega	31
31.50	E Ford-Clement	25				2:12.47	L OBERSTAR-BROWN	08	3:02.41	Mary Gardner	31
31.67	Kyleigh N Barao	25				2:26.55	Ilsa Feierabend	31	3:24.59	Hayley Stayman	31
32.19	L Gonzalez Ospina	29				2:28.68	Courtney Randolph	32	3:27.84	Hannah Stubert	34
32.20	Kali Weaver	28				2:39.75	Rachel E Mensch	32	■ 100 M. INDIVIDUAL MEDLEY		
■ 100 M. BUTTERFLY						2:42.57	Morgan Cichewicz	34	1:02.52	ERIKA ERNDL	12
58.11	CLAIRE DONAHUE	15				2:43.70	Alison O'Connor	30	1:03.37	Hannah Caron	32
1:06.25	Eleanor H Sills	28				2:47.98	C Kruczynski	30	1:07.17	G Gigliotti	31
1:11.06	Meghan M Hackett	26				2:50.52	Mary Gardner	31	1:10.68	Y van der Merwe	33
1:11.36	Delaney M Smith	27				2:53.34	S Waninger	34	1:10.83	Courtney Randolph	32
1:11.60	L Gonzalez Ospina	29				2:54.33	Clare Schroder	33	1:11.58	Alja Tavcar	31
1:11.93	Danielle R Sauve	27				2:56.39	Carly Krump	31	1:12.75	Kelley Conrad	34
1:14.02	Lissi Kne11	29				■ 50 M. BREASTSTROKE			1:13.23	Annie Fittin	34
1:14.59	Jenny Day	28				32.17	HANNAH CALDAS	11	1:13.98	Ella M Meier	32
1:15.82	Laurie Wei	29				34.80	Penelope Yamauchi	33	1:14.63	Paula Vega	31
1:16.04	Hope C Garrett	27				35.90	Y van der Merwe	33	1:14.81	Alison O'Connor	30
1:18.10	Cassidy D Lavigne	27				36.66	Jill Enge	32	■ 200 M. INDIVIDUAL MEDLEY		
■ 200 M. BUTTERFLY						36.74	Kelley Conrad	34	2:18.79	K PIPES-NEILSEN	96
2:17.83	CLAIRE DONAHUE	15				37.83	Jessica L Stacy	34	2:28.61	Courtney Randolph	32
2:27.44	Julia Cunningham	28				37.91	Laurel Varne11	32	2:33.43	Melissa Andruzzi	32
2:40.86	Charlotte R Meyer	28				37.92	Anette Skoda	32	2:35.20	Tammy H Choy	33
2:43.72	Laurie Wei	29				38.83	C Kosciusko	33	2:42.82	Alison O'Connor	30
2:52.30	Caitlin Gagnon	29				39.41	Jenn Hwang	31	2:44.79	Anette Skoda	32
2:53.61	Kiki Basil	25				39.65	Rosalie M Fidanze	32	2:46.07	Joanna Griffiths	31
3:06.80	Jessica A Bruno	26				■ 100 M. BREASTSTROKE			2:47.30	Paula Vega	31
■ 100 M. INDIVIDUAL MEDLEY						1:10.00	WENKE HANSEN	00	2:50.11	Laurel Varne11	32
1:03.41	MEGAN JENDRICK	11				1:15.03	Melissa Andruzzi	32	2:52.51	G Heidkamp	30
1:08.25	Ines Khiyara	25				1:17.38	Y van der Merwe	33	2:53.44	Stacey L Monroe	33
1:10.77	Brigitte Winkler	28				1:19.86	Courtney Randolph	32	■ 400 M. INDIVIDUAL MEDLEY		
1:11.26	Kyleigh N Barao	25				1:20.61	Jill Enge	32	4:51.23	CHELSEA NAUTA	19
1:11.31	Julia Cunningham	28				1:22.86	Jessica L Stacy	34	5:15.33	Courtney Randolph	32
1:12.17	Angelina Mikish	26				1:25.03	Rosalie M Fidanze	32	5:37.95	Emily Arcuri	31
1:13.11	Rachel J Werking	25				1:27.02	Carly Krump	31	5:44.88	Rachel E Mensch	32
1:14.06	Danielle R Sauve	27				1:27.72	Rachel Carter	33	5:50.88	Kelley Conrad	34
1:14.19	Rhiannon Reese	25				1:28.29	Jade A Schroeder	30	5:59.16	Paula Vega	31
1:14.75	Meghan M Hackett	26				1:28.67	Shannon Stahl	33	6:19.54	Carolyn Bernhardt	32
1:16.18	Lissi Kne11	29				■ 200 M. BACKSTROKE			6:33.56	Sarah A Bednarcik	33
■ 200 M. INDIVIDUAL MEDLEY						2:30.65	WENKE HANSEN	00	6:49.48	Kimberly Mah	34
2:21.79	WENKE HANSEN	98				2:49.79	Melissa Andruzzi	32	6:50.68	Hannah Stubert	34
2:32.18	Eleanor H Sills	28				2:50.52	Courtney Randolph	32	6:53.35	Beth McBride	33
2:34.62	Danielle R Sauve	27				3:00.95	Jessica L Stacy	34			
2:35.40	Kyleigh N Barao	25				3:02.04	Emily Arcuri	31			

**WOMEN 35-39**

■ 50 M. FREESTYLE

25.10 DARA TORRES	06
26.72 Britta O'Leary	39
27.16 Jessie Alcaide	39
27.69 Kelly M Harrigan	39
28.29 Elizabeth Mancuso	38
28.40 Amy Kuuskoski	35
28.59 Julie Kamat	36
28.78 Michelle Mozdzen	38
29.75 Jamie L Koehler	38
29.78 S Skipworth	35
29.86 Alicia M Blondell	36

■ 100 M. FREESTYLE

54.95 DARA TORRES	06
58.89 Britta O'Leary	39
59.48 Kelly M Harrigan	39
1:00.39 Jessie Alcaide	39
1:02.30 Marie A Ballenger	37
1:03.16 Alisha M Anderson	35
1:04.09 Michelle Mozdzen	38
1:04.85 Brittany Butcher	38
1:05.53 Celeste A Patton	39
1:06.49 Courtney Jimenez	36
1:06.57 Robyn Allen	38

■ 200 M. FREESTYLE

2:03.56 K PIPES-NEILSEN	97
2:07.18 Kelly M Harrigan	39
2:15.18 J Radecke-Noble	39
2:16.28 Amanda D Kata	36
2:17.74 Alicia M Blondell	36
2:18.33 Elizabeth Mancuso	38
2:21.84 Allison L Cox	39
2:22.60 D McLaughlin	38
2:23.18 Krysten M Sciacca	35
2:24.62 C Case-Ruchala	35
2:25.24 Laura C Rose	37

■ 400 M. FREESTYLE

4:22.56 K PIPES-NEILSEN	99
4:50.43 Jing Li	35
4:50.83 Krysten M Sciacca	35
4:55.41 Sara E Holman	37
5:03.08 Allison L Cox	39
5:04.84 Ashley Martins	35
5:06.64 C Case-Ruchala	35
5:07.19 Allison M Retotar	36
5:09.02 Mary E Holman	37
5:14.63 Marlana L Tonelli	35
5:14.89 Sarah Swoch	38

■ 800 M. FREESTYLE

8:57.60 HEIDI GEORGE	15
9:47.71 Jing Li	35
10:07.46 Krysten M Sciacca	35
10:19.70 Allison L Cox	39
10:34.95 Marlana L Tonelli	35
11:21.16 Sarah Swoch	38
11:32.05 Stefanie Capizzi	36
12:02.36 Amy Flessert	39
12:40.74 Ashley Braniecki	38
13:06.97 E Brandlin	36
14:03.06 Ashley I Gower	39

■ 1500 M. FREESTYLE

16:52.94 HEIDI GEORGE	15
18:25.60 Jing Li	35
18:57.12 Krysten M Sciacca	35
19:20.33 Sara E Holman	37
19:35.09 Allison L Cox	39
19:53.55 Marlana L Tonelli	35
20:05.37 Laura C Rose	37
20:21.36 Mary E Holman	37
20:36.68 Katlin Curbeau	38
21:17.33 Sarah Swoch	38
21:31.07 Stefanie Capizzi	36

■ 50 M. BACKSTROKE

27.63 NORIKO INADA	16
30.13 Kelly M Harrigan	39
30.86 Brittany Butcher	38

31.24 Raleigh Crossley	36
31.89 J Radecke-Noble	39
32.02 S Skipworth	35
33.31 Mary E Mohler	39
33.70 Seda Kisacik	38
34.14 Michelle Mozdzen	38
34.39 Jacquelyn Wilson	37
34.77 Karen Younkins	37

■ 100 M. BACKSTROKE

1:00.43 NORIKO INADA	17
1:04.37 Kelly M Harrigan	39
1:05.49 Brittany Butcher	38
1:08.78 J Radecke-Noble	39
1:09.46 Raleigh Crossley	36
1:09.59 Svetlana Karpeeva	38
1:10.85 Hannah L Loughlin	35
1:12.65 Michelle Mozdzen	38
1:14.13 Seda Kisacik	38
1:14.14 Christina McGowan	36
1:15.21 Karen Younkins	37

■ 200 M. BACKSTROKE

2:14.10 K PIPES-NEILSEN	97
2:16.19 Kelly M Harrigan	39
2:23.70 Brittany Butcher	38
2:28.49 J Radecke-Noble	39
2:40.17 Sara E Holman	37
2:44.26 Krysten M Sciacca	35
2:46.52 Sarah Swoch	38
2:48.61 Allison M Retotar	36
2:48.80 Seda Kisacik	38
2:49.26 Celeste A Patton	39
2:53.01 Robyn Allen	38

■ 50 M. BREASTSTROKE

31.25 DANIELLE HERRMANN	22
31.52 Danielle Herrmann	36
33.45 Sharon C Taylor	38
34.58 Britta O'Leary	39
35.79 Amanda D Kata	36
35.86 Marie A Ballenger	37
37.67 Amy Kuuskoski	35
38.10 Morena Calvo	36
38.11 S Skipworth	35
38.93 Stefanie Capizzi	36
39.15 Jessie Alcaide	39

■ 100 M. BREASTSTROKE

1:08.59 DANIELLE HERRMANN	22
1:09.81 Danielle Herrmann	36
1:12.90 Sharon C Taylor	38
1:12.98 Britta O'Leary	39
1:16.70 Amanda D Kata	36
1:20.81 Marie A Ballenger	37
1:21.51 Kirsten Agostino	36
1:22.77 M Puppa-Lasher	38
1:24.05 Laura C Rose	37
1:25.25 Stefanie Capizzi	36
1:26.09 Allison M Retotar	36

■ 200 M. BREASTSTROKE

2:32.68 DANIELLE HERRMANN	22
2:36.45 Britta O'Leary	39
2:48.95 Amanda D Kata	36
2:56.40 Elizabeth Mancuso	38
2:58.45 M Puppa-Lasher	38
3:03.93 Danielle Filipp	36
3:05.05 L Au Brinkmeyer	39
3:07.23 Stefanie Capizzi	36
3:10.51 Meghan P Nowak	35
3:10.84 Joanna Dagenais	36
3:12.34 Sarah Swoch	38

■ 50 M. BUTTERFLY

27.29 DANIELLE HERRMANN	22
27.79 Danielle Herrmann	36
29.38 Kelly M Harrigan	39
29.47 Amanda Janszen	36
29.59 Jessie Alcaide	39
30.26 Alicia M Blondell	36
30.33 Michelle Mozdzen	38
30.75 Svetlana Karpeeva	38
31.33 Marie A Ballenger	37

31.40 Britta O'Leary	39
32.00 Amanda D Kata	36

■ 100 M. BUTTERFLY

1:01.98 DANIELLE HERRMANN	22
1:03.05 Danielle Herrmann	36
1:04.97 Amanda Janszen	36
1:06.26 Brittany Butcher	38
1:08.84 Alicia M Blondell	36
1:09.32 Michelle Mozdzen	38
1:09.77 Kate Chialastri	36
1:10.88 Mary E Mohler	39
1:15.72 Chelsea Reynolds	37
1:16.16 Victoria Marshall	35
1:16.74 Amanda D Kata	36

■ 200 M. BUTTERFLY

2:18.41 K PIPES-NEILSEN	97
2:27.40 Amanda Janszen	36
2:42.94 Kate Chialastri	36
2:51.12 Victoria Marshall	35
2:52.35 Alexandra Thomas	35
3:05.39 Stefanie Capizzi	36
3:06.22 Ashley Braniecki	38
3:08.29 Sarah Swoch	38
3:15.88 Meredith Anderson	37
3:29.78 Cassie A Johnson	36
3:42.99 Marci Goldberg	39

■ 100 M. INDIVIDUAL MEDLEY

1:03.94 DANIELLE HERRMANN	22
1:03.98 Danielle Herrmann	36
1:05.43 Britta O'Leary	39
1:08.30 Svetlana Karpeeva	38
1:08.58 Jessie Alcaide	39
1:09.55 Brittany Butcher	38
1:10.02 Amanda D Kata	36
1:10.62 Elizabeth Mancuso	38
1:12.70 Alicia M Blondell	36
1:13.29 Hannah L Loughlin	35
1:13.48 S Skipworth	35

■ 200 M. INDIVIDUAL MEDLEY

2:19.08 K PIPES-NEILSEN	00
2:25.75 Britta O'Leary	39
2:29.55 Svetlana Karpeeva	38
2:30.74 J Radecke-Noble	39
2:31.38 Amanda D Kata	36
2:38.72 Krysten M Sciacca	35
2:39.68 Marie A Ballenger	37
2:40.13 Kirsten Agostino	36
2:49.99 Lisa Lesak	36
2:50.02 C Case-Ruchala	35
2:51.53 Alexandra Thomas	35

■ 400 M. INDIVIDUAL MEDLEY

4:52.85 K PIPES-NEILSEN	97
5:21.90 J Radecke-Noble	39
5:31.95 Hannah L Loughlin	35
5:36.39 Krysten M Sciacca	35
5:47.11 Sara E Holman	37
5:48.15 Laura C Rose	37
5:58.12 Kate Chialastri	36
6:05.21 Alexandra Thomas	35
6:08.98 Stefanie Capizzi	36
6:09.36 Victoria Marshall	35
6:10.41 Mary E Holman	37

**WOMEN 40-44**

■ 50 M. FREESTYLE

26.02 ERIKA BRAUN	14
27.38 Anne McAndrew	44
27.54 Katrine Alcaide	42
27.59 Meredith A Stakem	42
28.25 Katie Roath	42
28.37 Lindsey Urbatchka	40
28.40 Lex Higlett	40
28.56 Mollie K Grover	42
28.58 E Vucinich	43
28.67 Krysten Dowgiert	41
28.89 Monica E Reyes	44

■ 100 M. FREESTYLE

57.08 ERIKA BRAUN	14
1:01.13 Lindsey Urbatchka	40
1:01.48 Anne McAndrew	44
1:01.79 Meredith A Stakem	42
1:02.41 Mollie K Grover	42
1:03.06 Lex Higlett	40
1:03.24 Elyse Corwin	41
1:03.25 Katrine Alcaide	42
1:04.78 Heidi B McMillan	42
1:04.81 Monica E Reyes	44
1:04.92 Ildiko Szekeley	44

■ 200 M. FREESTYLE

2:05.26 K PIPES-NEILSEN	03
2:16.52 Lex Higlett	40
2:17.29 Irish Holland	43
2:21.64 Mollie K Grover	42
2:23.85 Melissa Giovanni	44
2:24.85 J Pritchett	43
2:26.01 Lisa M Chin	42
2:26.31 Stacey Thureen	41
2:27.73 Ashley N King	43
2:30.84 Helene Nehrebecki	43
2:32.01 Ildiko Szekeley	44

■ 400 M. FREESTYLE

4:21.75 K PIPES-NEILSEN	03
4:47.09 Irish Holland	43
4:49.87 Lex Higlett	40
4:52.65 Sarah Sutton	40
5:01.14 Heidi M Cough	42
5:04.04 Lisa M Chin	42
5:05.69 Stacey Thureen	41
5:07.24 Katie Roath	42
5:08.32 Melissa Giovanni	44
5:09.65 Stephanie Raezer	41
5:11.09 Meredith A Stakem	42

■ 800 M. FREESTYLE

8:55.95 HEIDI GEORGE	17
9:48.52 Irish Holland	43
9:54.80 Lex Higlett	40
10:37.26 K Estrada-Pozzi	40
10:44.51 Christa L Ehlers	43
11:02.60 Megan K Peterson	40
11:05.43 Marcela Rueda	41
11:23.29 Helene Nehrebecki	43
11:41.08 Mary E Holknekt	43
12:20.99 Michelle J Cary	42
12:31.18 Jordan Teller	40

■ 1500 M. FREESTYLE

16:50.92 HEIDI GEORGE	17
18:55.44 Irish Holland	43
18:59.93 Lex Higlett	40
19:00.58 Ildiko Szekeley	44
19:19.93 Meghan S Hardin	42
19:33.45 Sara D Hardy	42
20:36.97 Sarah Harriman	40
20:37.03 K Estrada-Pozzi	40
20:53.26 Marcela Rueda	41
20:58.05 Heidi B McMillan	42
21:22.64 Helene Nehrebecki	43

■ 50 M. BACKSTROKE

30.02 SHERI HART	12
31.31 Sara Shepherd	41
31.53 Meredith A Stakem	42
31.99 Lindsey Urbatchka	40
32.61 E Vucinich	43
32.88 Krysten Dowgiert	41
33.26 Irish Holland	43
33.52 Mollie K Grover	42
33.54 Lauren E Hooper	44
34.17 Sarah Sutton	40
34.36 Jessica K Beers	43

■ 100 M. BACKSTROKE

1:03.48 SHERI HART	11
1:06.64 Sara Shepherd	41
1:07.56 Meredith A Stakem	42
1:09.43 Mollie K Grover	42
1:11.43 Sarah Sutton	40

1:11.84 Krysten Dowgiert	41	■ 200 M. BUTTERFLY	2:19.07 Alicia K Uhl	46	■ 50 M. BREASTSTROKE	
1:12.22 E Vucinich	43	2:20.66 S VON DER LIPPE	2:23.99 Eve Maidenberg	47	32.59 KATIE GLENN	23
1:12.82 Lex Higlett	40	2:30.40 Irish Holland	2:27.17 Lesley Hodges	48	32.59 Katie Glenn	47
1:13.37 Lauren E Hooper	44	2:30.77 Ildiko Szekely	2:29.49 Mary Sullivan	48	35.67 Ana C Caldas	46
1:14.66 Jessica Bailey	40	2:42.09 Stacey Thureen	2:29.54 Carrie Hahnel	45	36.36 Sanna Greenberg	47
1:15.50 Elyse Corwin	41	2:43.65 J Pritchett	2:29.77 Stacey L Kiefer	45	36.51 Karen M Stump	45
■ 200 M. BACKSTROKE		2:49.92 Stephanie Raezer	2:30.69 Amanda B Ague	48	37.02 Sonja Skinner	47
2:17.29 JENNIFER MIHALIK	21	2:50.20 Heidi M Cough	2:32.33 Holly Lickwala	47	37.04 Stacy Sweetser	48
2:25.04 Sara Shepherd	41	2:53.85 Helene Nehrebecki	■ 400 M. FREESTYLE		38.12 Joyce Steeis	46
2:30.56 Sarah Sutton	40	2:53.95 Shannon F Cowles	4:24.86 HEIDI GEORGE	21	38.31 Kerry Lindauer	49
2:35.23 Mollie K Grover	42	2:59.92 Rachel M Rempe	4:46.35 Stacey L Bruce	49	38.52 Sarah Perez	47
2:36.00 Lex Higlett	40	3:07.22 Heidi B McMillan	4:46.83 Katie Glenn	47	39.01 Lindy M Hanson	45
2:38.41 Meredith A Stakem	42	■ 100 M. INDIVIDUAL MEDLEY	5:02.75 Rebecca A Aten	47	■ 100 M. BREASTSTROKE	
2:44.17 Jessica Bailey	40	1:04.19 LISA BLACKBURN	5:02.91 Sonja Skinner	47	1:12.93 LISA BLACKBURN	17
2:50.03 Marcela Rueda	41	1:09.34 Sara Shepherd	5:06.45 Eve Maidenberg	47	1:14.09 Katie Glenn	47
2:52.67 Jordan Teller	40	1:09.59 Lindsey Urbatchka	5:13.08 Carrie Hahnel	45	1:16.80 Ana C Caldas	46
2:53.73 T Rosenboim pazik	40	1:11.53 Katie Roath	5:13.09 Mary Sullivan	48	1:19.53 Sanna Greenberg	47
2:55.59 Heather Tiernan	40	1:12.26 Laura S Templin	5:14.12 Lesley Hodges	48	1:22.67 Tabitha S Frawley	49
■ 50 M. BREASTSTROKE		1:13.13 E Vucinich	5:14.59 Kysa M Crusco	47	1:23.37 Joyce Steeis	46
32.16 KATIE GLENN	18	1:13.58 A Kurteeva	5:20.62 Lee Heughan	46	1:25.16 Sarah Perez	47
36.23 A Kurteeva	40	1:13.86 Katrine Alcaide	■ 800 M. FREESTYLE		1:25.23 Stacy Sweetser	48
36.31 Eva Christianson	41	1:14.01 Tatiana Kundla	9:01.09 HEIDI GEORGE	23	1:25.70 Sonja Skinner	47
36.77 Margaret Swanson	41	1:14.91 Leslie A Kragt	9:01.09 Heidi S George	47	1:27.34 Lindy M Hanson	45
37.07 Leslie A Kragt	41	1:14.92 Meredith A Stakem	9:56.59 Stacey L Bruce	49	1:28.05 Sandra Dold	49
37.47 Sara Shepherd	41	■ 200 M. INDIVIDUAL MEDLEY	10:17.96 Rebecca A Aten	47	■ 200 M. BREASTSTROKE	
37.61 Katie Roath	42	2:19.21 S VON DER LIPPE	10:40.24 Lesley Hodges	48	2:34.77 GABRIELLE ROSE	22
37.61 Helene Nehrebecki	43	2:30.35 Sara Shepherd	10:41.63 Mary Sullivan	48	2:55.79 Sonja Skinner	47
38.25 Ashley M King	43	2:33.96 Irish Holland	10:46.29 Eve Maidenberg	47	2:59.70 Tabitha S Frawley	49
38.84 Heidi B McMillan	42	2:40.89 Lex Higlett	10:50.11 Ellen Ella	45	3:00.06 Katie Glenn	47
38.98 Jordan Craig	41	2:42.33 Laura S Templin	11:01.45 Kysa M Crusco	47	3:01.73 Sarah Perez	47
■ 100 M. BREASTSTROKE		2:42.77 A Kurteeva	11:44.96 Astrid C Collins	49	3:02.71 Stacey L Bruce	49
1:09.95 CYNTHIA LEWIS	15	2:42.97 J Pritchett	12:15.07 Rachel C Hughey	45	3:10.36 Paola S Morchio	47
1:19.95 A Kurteeva	40	2:43.62 Meredith A Stakem	■ 1500 M. FREESTYLE		3:11.84 Sandra Dold	49
1:20.48 Leslie A Kragt	41	2:44.75 Shannon F Cowles	17:01.27 HEIDI GEORGE	23	3:14.34 Holly Lickwala	47
1:21.23 Margaret Swanson	41	2:46.13 Heidi B McMillan	17:01.27 Heidi S George	47	3:16.81 Carrie Hahnel	45
1:21.31 Irish Holland	43	2:49.22 Marcela Rueda	18:38.30 Stacey L Bruce	49	3:16.97 Stacey L Kiefer	45
1:21.98 Eva Christianson	41	■ 400 M. INDIVIDUAL MEDLEY	19:49.02 Abby B Pledger	49	■ 50 M. BUTTERFLY	
1:22.27 Helene Nehrebecki	43	5:00.82 K PIPES-NEILSEN	20:15.98 Eve Maidenberg	47	28.60 ERIKA BRAUN	17
1:24.16 Marcela Rueda	41	5:19.41 Irish Holland	20:25.80 Mary Sullivan	48	28.75 Karen M Stump	45
1:26.11 Krisie M Melsen	43	5:32.84 Sarah Sutton	20:26.26 Ellen Ella	45	31.22 Ana C Caldas	46
1:27.98 Lisa Mulligan	41	5:39.29 Stephanie Raezer	20:34.17 Stacey L Kiefer	45	32.60 Sonja Skinner	47
1:29.14 Elise Fallucco	44	5:42.34 Lex Higlett	20:37.48 Carrie Hahnel	45	33.05 Wendy Enderle	46
■ 200 M. BREASTSTROKE		5:44.94 A Kurteeva	20:51.50 Kysa M Crusco	47	33.19 Joyce Steeis	46
2:32.37 S VON DER LIPPE	08	5:50.41 Meredith A Stakem	20:54.41 Lesley Hodges	48	33.26 Holly Lickwala	47
2:52.73 A Kurteeva	40	6:05.43 Heidi B McMillan	■ 50 M. BACKSTROKE		34.19 Niki L Woodard	47
2:57.23 Irish Holland	43	6:08.29 Marcela Rueda	30.54 JENNIFER MIHALIK	23	34.22 Rebecca A Aten	47
2:58.19 Susan Cochran	44	6:09.89 Erin E Schneider	30.54 Jennifer Mihalik	45	34.66 Jamie Zazella	47
2:58.21 Stephanie Raezer	41	6:10.22 Sarah Harriman	31.15 Noriko Inada	45	35.25 Emily T Yasukochi	46
2:58.22 Shannon F Cowles	42		33.02 Wendy Enderle	46	■ 100 M. BUTTERFLY	
3:01.32 Helene Nehrebecki	43		33.61 Karen M Stump	45	1:03.47 S VON DER LIPPE	10
3:03.50 Marcela Rueda	41		35.75 Elise Holtan	45	1:09.54 Sonja Skinner	47
3:05.56 Krisie M Melsen	43		35.77 Kathy Piech-Lukas	48	1:10.86 Lisa Ewen	48
3:06.15 Lindsey Jennings	42		36.89 Heather B Congdon	45	1:13.39 Karen M Stump	45
3:06.83 Elise Fallucco	44		37.16 Juliet Coulthard	45	1:15.32 Alicia K Uhl	46
■ 50 M. BUTTERFLY			37.57 Tobi L Limke	48	1:16.09 Heather B Congdon	45
28.19 ERIKA BRAUN	13		37.70 Holly Lickwala	47	1:17.09 Holly Lickwala	47
30.02 Lindsey Urbatchka	40		■ 100 M. BACKSTROKE		1:18.42 Sanna Greenberg	47
30.15 E Vucinich	43		1:04.11 JENNIFER MIHALIK	23	1:19.27 Rebecca A Aten	47
31.33 Katrine Alcaide	42		1:04.11 Jennifer Mihalik	45	1:20.63 Sarah Perez	47
31.52 Sara Shepherd	41		1:11.54 Wendy Enderle	46	1:24.44 Christina Baudis	47
31.64 Mollie K Grover	42		1:13.32 Kerry Lindauer	49	■ 200 M. BUTTERFLY	
31.88 Ashley M King	43		1:14.85 Alicia K Uhl	46	2:23.18 K PIPES-NEILSEN	09
31.92 Monica E Reyes	44		1:16.82 Lee Heughan	46	2:45.39 Heather B Congdon	45
32.10 Tatiana Kundla	41		1:18.56 Kathy Piech-Lukas	48	2:49.21 Lisa Ewen	48
32.34 Krysten Dowgiert	41		1:19.59 Lesley Hodges	48	2:52.36 Alicia K Uhl	46
32.39 Elyse Corwin	41		1:20.14 Elise Holtan	45	2:57.30 Holly Lickwala	47
■ 100 M. BUTTERFLY			1:21.11 Tobi L Limke	48	2:59.49 Stacey L Kiefer	45
1:01.70 S VON DER LIPPE	09		1:22.00 Traci McNeil	47	3:03.92 Jenny Carswell	49
1:07.51 Lindsey Urbatchka	40		■ 200 M. BACKSTROKE		3:15.46 Tessa L Reeves	45
1:08.54 Ildiko Szekely	44		2:18.95 K PIPES-NEILSEN	09	3:26.79 Cory Trusty	47
1:08.58 Irish Holland	43		2:19.55 Jennifer Mihalik	45	3:30.49 Rachel C Hughey	45
1:14.27 Helene Nehrebecki	43		2:41.65 Wendy Enderle	46	3:37.29 Kysa M Crusco	47
1:14.35 M Meredith-Dunlop	43		2:41.67 Alicia K Uhl	46	■ 100 M. INDIVIDUAL MEDLEY	
1:14.67 Jessica K Beers	43		2:43.59 Lee Heughan	46	1:05.75 K PIPES-NEILSEN	09
1:15.18 Tatiana Kundla	41		2:53.75 Juliet Coulthard	45	1:13.17 Stacey L Bruce	49
1:15.21 Stacey Thureen	41		2:54.65 Stacey L Kiefer	45	1:14.84 Joyce Steeis	46
1:16.35 Shannon F Cowles	42		2:55.11 Kathy Piech-Lukas	48	1:16.27 Stacy Sweetser	48
1:16.57 Susan Cochran	44		2:56.90 Rachel C Hughey	45	1:17.20 Sarah Perez	47
			2:57.81 Elise Holtan	45	1:18.06 Holly Lickwala	47
			2:58.42 Tobi L Limke	48	1:19.04 Lee Heughan	46

1:19.60	Joanna M Treon	47	5:30.00	Kathy Pelham	50	1:23.32	Anca Zetea	52	3:03.41	Michelle Davidson	53
1:21.44	Astrid C Collins	49	5:30.33	Shelley B Reimer	54	1:23.66	Sara Dunn	51	3:03.68	Shelly Lynn	53
1:22.08	Lindy M Hanson	45	■ 800 M. FREESTYLE			1:24.29	Rainy M Goodale	53	■ 400 M. INDIVIDUAL MEDLEY		
1:22.10	Jamie Zazella	47	9:23.30	ALISON ZAMANIAN	21	1:24.30	C Mcclafferty	50	5:10.96	ELLEN REYNOLDS	14
■ 200 M. INDIVIDUAL MEDLEY			9:32.48	Alison Zamanian	53	1:26.32	Nicole P Van Nood	51	5:34.86	C Mcclafferty	50
2:19.30	GABRIELLE ROSE	22	10:08.62	Nicole P Van Nood	51	1:30.03	Nancy L Leichter	52	5:51.10	Tara Mack	51
2:36.45	Stacey L Bruce	49	10:32.52	Tara Mack	51	1:31.14	Chantal H Lauzon	50	6:22.93	Julie F Dussliere	51
2:40.66	Tabitha S Frawley	49	10:33.42	C Mcclafferty	50	1:32.74	Karen Duggan	53	6:30.09	Dale A LeClair	54
2:42.93	Sonja Skinner	47	11:07.01	Dale A LeClair	54	■ 200 M. BREASTSTROKE			6:30.63	Susan O O'Brien	53
2:51.51	Holly Lickwala	47	11:27.47	Julie F Dussliere	51	2:50.36	ELLEN REYNOLDS	16	6:38.15	Y de la Torre	53
2:52.22	Eve Maidenberg	47	11:38.73	Marilyn P Hall	54	2:56.71	C Mcclafferty	50	7:08.40	Deanna C Koehler	54
3:01.12	Mary Sullivan	48	11:44.22	Nicki J Phillips	54	2:58.60	Nicole P Van Nood	51	7:13.21	Carol L Prescott	54
3:01.31	Joanna M Treon	47	11:57.77	Beccah Rothschild	50	3:02.07	Jennifer Huffman	51	7:25.22	Jennifer Kyff	50
3:03.51	Christina Baudis	47	12:02.85	Karin M Wegner	51	3:02.19	Alison Zamanian	53	8:00.18	Sylvia Depta	54
3:04.16	Luisa A Wetta	45	■ 1500 M. FREESTYLE			3:04.86	Sara Dunn	51			
3:04.29	Stephanie Kramer	49	17:47.04	ALISON ZAMANIAN	22	3:10.19	Anca Zetea	52			
■ 400 M. INDIVIDUAL MEDLEY			18:10.52	Alison Zamanian	53	3:10.28	Tricia Good	52			
5:05.04	K PIPES-NEILSEN	09	19:51.54	C Mcclafferty	50	3:10.37	Tara Mack	51			
5:29.76	Stacey L Bruce	49	19:55.07	Tara Mack	51	3:11.02	Rainy M Goodale	53			
5:42.68	Katie Glenn	47	21:46.51	Kathy Pelham	50	3:15.06	Nancy L Leichter	52			
5:45.45	Tabitha S Frawley	49	22:18.65	Nicki J Phillips	54	■ 50 M. BUTTERFLY					
5:48.65	Alicia K Uhl	46	22:34.98	Beccah Rothschild	50	29.11	JENNY THOMPSON	23	27.81	LESLIE LIVINGSTON	16
5:49.29	Heather B Congdon	45	22:46.61	Cheryl A Morgen	54	29.11	Jenny B Thompson	50	29.03	Deborah Dawson	55
6:02.09	Stacey L Kiefer	45	22:56.02	F Edelman	52	29.20	Erika L Braun	51	29.26	Collette H Sappey	59
6:12.61	Mary Sullivan	48	23:03.02	Deanna C Koehler	54	30.38	C Mcclafferty	50	29.45	Susan O Williams	57
6:14.92	Holly Lickwala	47	23:37.36	Carrie Attwell	53	32.17	Melissa D Varlas	50	30.01	Arlette Godges	59
6:20.06	Carrie Hahnel	45	■ 50 M. BACKSTROKE			32.95	Beth Martell	51	30.07	Jill M Asch	57
6:27.36	Stephanie Kramer	49	30.27	LESLIE LIVINGSTON	15	33.13	Bridget Keller	53	30.25	Jelena A Kunovac	59
			31.70	Erika L Braun	51	33.76	Ana Fradkin	50	30.64	Pam W Rogan	55
			33.95	Ann K Stewart	53	33.76	Cheryl A Morgen	54	31.23	Tani Stenfjord	58
			34.24	Alison Zamanian	53	34.12	Jennifer Huffman	51	31.39	Jennifer Ridge	55
			34.45	Melissa D Varlas	50	34.97	Beth A Bailey	50	32.07	Francie Haffner	56
			34.56	Bridget Keller	53	■ 100 M. BUTTERFLY			■ 100 M. FREESTYLE		
			34.59	Beth Martell	51	1:03.51	JENNY THOMPSON	23	1:00.61	KARLYN PIPES	17
			35.25	Catherine Hanley	51	1:03.51	Jenny B Thompson	50	1:04.14	Deborah Dawson	55
			36.58	Michelle Davidson	53	1:06.88	Erika L Braun	51	1:05.59	Arlette Godges	59
			37.05	A Plotz-Saribalas	51	1:07.72	C Mcclafferty	50	1:05.90	Pam W Rogan	55
			37.11	Juliet Kadlecek	53	1:14.36	Melissa D Varlas	50	1:06.67	Kari S Jauch	57
			■ 100 M. BACKSTROKE			1:18.26	Ana Fradkin	50	1:08.73	Jennifer Ridge	55
			1:05.89	ELLEN REYNOLDS	14	1:19.77	Tara Mack	51	1:09.16	Tani Stenfjord	58
			1:12.45	Beth Martell	51	1:20.75	Alison S Hayden	52	1:09.94	Francie Haffner	56
			1:13.18	Alison Zamanian	53	1:23.27	Cheryl A Morgen	54	1:09.73	Joan Wheeler	59
			1:13.54	Ann K Stewart	53	1:26.32	Y de la Torre	53	1:11.41	Sallie Bartkowiak	58
			1:15.56	Bridget Keller	53	1:30.23	Julie F Dussliere	51	1:11.68	Cheryl L Kuriger	55
			1:16.46	C Mcclafferty	50	■ 200 M. BUTTERFLY			■ 200 M. FREESTYLE		
			1:16.87	A Plotz-Saribalas	51	2:32.29	KARLYN PIPES	12	2:12.03	ELLEN REYNOLDS	19
			1:19.26	Michelle Davidson	53	2:32.92	C Mcclafferty	50	2:13.22	Ellen M Reynolds	59
			1:20.94	Susan O O'Brien	53	3:11.76	Y de la Torre	53	2:19.69	Deborah Dawson	55
			1:22.02	Anca Zetea	52	3:12.88	Sandra Amezcuita	52	2:22.01	Kari S Jauch	57
			1:24.12	Amy L Cantilina	54	3:19.12	Cheryl A Morgen	54	2:22.27	Patricia Campbell	59
			■ 200 M. BACKSTROKE			3:25.46	Carol L Prescott	54	2:26.71	Karen Zemlin	56
			2:22.37	ELLEN REYNOLDS	14	3:43.03	Deanna C Koehler	54	2:27.29	Jennifer Ridge	55
			2:36.98	Beth Martell	51	3:44.27	Hanna Gallagher	50	2:27.44	Francie Haffner	56
			2:38.87	Catherine Hanley	51	3:51.26	Cheryl Coley	51	2:29.23	Collette H Sappey	59
			2:40.53	Ann K Stewart	53	4:00.63	Jennifer Kyff	50	2:29.37	Lisa A Ward	59
			2:45.95	C Mcclafferty	50	4:15.61	Sylvia Depta	54	2:31.96	Arlette Godges	59
			2:46.70	A Plotz-Saribalas	51	■ 100 M. INDIVIDUAL MEDLEY			■ 400 M. FREESTYLE		
			2:51.04	Michelle Davidson	53	1:07.04	ERIKA BRAUN	22	4:42.97	LAURA VAL	09
			2:55.71	Susan O O'Brien	53	1:07.65	Jenny B Thompson	50	4:45.31	Ellen M Reynolds	59
			3:00.57	Tami Triller	51	1:07.71	Erika L Braun	51	4:52.19	Deborah Dawson	55
			3:03.42	Beata M Konopka	54	1:13.69	C Mcclafferty	50	4:56.47	Patricia Campbell	59
			3:07.22	Julie F Dussliere	51	1:13.73	Beth Martell	51	4:58.27	Karen Zemlin	56
			■ 50 M. BREASTSTROKE			1:13.73	Beth Martell	51	5:09.44	Kari S Jauch	57
			34.79	TRINA SCHAEZT	23	1:14.35	Alison Zamanian	53	5:17.33	Lisa A Ward	59
			34.79	Trina R Schaezt	51	1:14.40	Catherine Hanley	51	5:18.66	R Friedlander	57
			35.01	Erika L Braun	51	1:15.82	Jennifer Huffman	51	5:19.61	M Countryman	59
			37.24	Anca Zetea	52	1:18.74	Tara Mack	51	5:22.42	Tani Stenfjord	58
			37.69	Sara Dunn	51	1:19.30	Ana Fradkin	50	5:24.01	Laurie Hug	58
			37.99	Rainy M Goodale	53	1:19.39	Rainy M Goodale	53	5:24.01	Carrie Stolar	56
			38.18	C Mcclafferty	50	■ 200 M. INDIVIDUAL MEDLEY			■ 800 M. FREESTYLE		
			39.79	R Pescatori	52	2:27.39	ELLEN REYNOLDS	18	9:46.35	JILL HERNANDEZ	18
			41.53	Nicole P Van Nood	51	2:36.28	C Mcclafferty	50	9:52.16	Deborah Dawson	55
			41.88	Chantal H Lauzon	50	2:37.96	Alison Zamanian	53	10:01.08	Karen Zemlin	56
			41.93	Nancy L Leichter	52	2:39.60	Beth Martell	51	10:09.46	Patricia Campbell	59
			■ 100 M. BREASTSTROKE			2:47.58	Tara Mack	51	10:35.58	Kari S Jauch	57
			1:16.69	ERIKA BRAUN	23	2:47.91	Melissa D Varlas	50	10:44.82	M Countryman	59
			1:16.69	Erika L Braun	51	2:47.91	Melissa D Varlas	50	10:45.38	Lisa A Ward	59
			1:20.38	Trina R Schaezt	51	2:59.01	Susan O O'Brien	53	10:48.96	Laurie Hug	58
						3:00.76	Anca Zetea	52	10:55.09	Carrie Stolar	56
						3:03.32	Amy L Cantilina	54	10:56.41	Michelle Goldberg	55
									11:09.34	Stephanie D Couch	59

■ 1500 M. FREESTYLE		3:24.30 Robin A Bulman	58	<b>WOMEN 60-64</b>		38.09 Heidi Henning	63
18:43.73 LAURA VAL	10	3:31.84 Cialdella-Morehea	59			38.55 Zena H Courtney	64
18:57.14 Karen Zemlin	56	3:32.04 Sheila Nelson	55	■ 50 M. FREESTYLE		38.77 Lee Ann Banks	62
19:03.44 Deborah Dawson	55	3:39.56 S Prey-Luedtke	59	29.23 VAL\GRANGER	19	39.58 Debbie Cagigas	62
19:24.86 Patricia Campbell	59	■ 50 M. BUTTERFLY		29.47 Becky Cleavenger	60	39.97 M Bergamini	60
20:08.58 Kari S Jauch	57	29.39 LESLIE LIVINGSTON	16	30.30 Susan K Matherne	61	40.19 Susan M Jurek	60
20:12.38 Laurie Hug	58	30.63 Susan O Williams	57	30.46 Muffy MacKenzie	60	■ 100 M. BACKSTROKE	
20:18.23 Lisa A Ward	59	33.55 Arlette Godges	59	30.79 Tait Michael	60	1:12.39 BONNIE BILICH	18
20:29.23 Michelle Goldberg	55	33.82 Jennifer Ridge	55	30.99 Jana Matena	61	1:15.93 Valerie G Jenkins	60
20:37.32 Carrie Stolar	56	33.83 Collette H Sappey	59	31.20 Valerie G Jenkins	60	1:19.44 Paige A Gill	60
21:00.23 Stephanie D Couch	59	33.92 Jelena A Kunovac	59	31.37 K Parker Palace	62	1:20.66 Brigid J Bunch	60
21:08.83 J Cox	55	33.96 Deborah Dawson	55	31.70 Paige A Gill	60	1:22.09 Zena H Courtney	64
■ 50 M. BACKSTROKE		34.15 Karen L Westerman	56	32.07 Debbie Cagigas	62	1:22.37 Anna DeLozier	60
30.12 LESLIE LIVINGSTON	16	34.25 Kristin J Gary	56	32.61 Jane Esahak-Gage	61	1:22.90 Kim M Brightwell	63
32.58 Susan O Williams	57	34.47 Kari S Jauch	57	■ 100 M. FREESTYLE		1:23.39 Heidi Henning	63
34.49 Jennifer Ridge	55	34.75 Jill M Asch	57	1:03.48 LAURA VAL	14	1:23.93 Lee Ann Banks	62
34.62 Jelena A Kunovac	59	■ 100 M. BUTTERFLY		1:05.04 Becky Cleavenger	60	1:26.79 Jane Esahak-Gage	61
34.88 Kristin J Gary	56	1:08.15 KARLYN PIPES	17	1:06.71 Valerie G Jenkins	60	1:27.76 Margaret Campbell	63
35.28 Jill M Asch	57	1:17.31 Arlette Godges	59	1:07.27 Jana Matena	61	■ 200 M. BACKSTROKE	
35.45 Francie Haffner	56	1:19.31 Lisa A Ward	59	1:07.28 Susan K Matherne	61	2:34.31 KARLYN PIPES	22
35.89 Karen L Westerman	56	1:20.42 Susie Shuck	58	1:08.09 Muffy MacKenzie	60	2:49.54 Stephanie A Saucy	60
36.18 Lisa A Ward	59	1:22.06 Rebecca R Perry	59	1:08.51 K Parker Palace	62	2:54.91 Brigid J Bunch	60
36.73 Sylvia Buxton	58	1:22.28 Laurie Hug	58	1:09.86 Jane Esahak-Gage	61	2:56.03 Anna DeLozier	60
36.85 J Cox	55	1:22.31 Michelle Goldberg	55	1:11.23 Debbie Cagigas	62	2:59.60 Heidi Henning	63
■ 100 M. BACKSTROKE		1:22.40 Karen L Westerman	56	1:11.36 Arlene DeImage	61	3:00.65 Jane Esahak-Gage	61
1:07.17 ELLEN REYNOLDS	19	1:23.38 Kirsten Pursell	56	1:11.46 Tait Michael	60	3:01.09 Lee Ann Banks	62
1:09.81 Ellen M Reynolds	59	1:23.83 Maria E Vazquez	58	■ 200 M. FREESTYLE		3:10.05 Cherie Touchette	60
1:14.19 Jennifer Ridge	55	1:24.91 J Weiderman	57	2:20.16 LAURA VAL	11	3:12.92 Denise H Brown	64
1:18.59 Karen L Westerman	56	■ 200 M. BUTTERFLY		2:22.02 K Parker Palace	62	3:14.15 M Bergamini	60
1:19.58 Jelena A Kunovac	59	2:31.13 LAURA VAL	08	2:24.56 Becky Cleavenger	60	3:14.85 Jane E Russell	60
1:20.89 Sylvia Buxton	58	2:57.17 Susie Shuck	58	2:26.96 Valerie G Jenkins	60	■ 50 M. BREASTSTROKE	
1:21.39 Marci Baun	55	3:02.51 Laurie Hug	58	2:29.45 Jane Esahak-Gage	61	38.87 COLETTE CRABBE	16
1:21.82 J Cox	55	3:06.37 Kirsten Pursell	56	2:29.77 Muffy MacKenzie	60	40.34 Becky Cleavenger	60
1:22.52 Cheryl L Kuriger	55	3:07.37 J Weiderman	57	2:29.89 Jana Matena	61	40.99 Paige A Gill	60
1:23.96 Emma Garforth	55	3:13.54 Vicki Shu	55	2:31.12 Stephanie A Saucy	60	41.64 Carolyn Koster	62
1:24.16 Sara Jones	55	3:15.38 Cialdella-Morehea	59	2:36.73 Cherie Touchette	60	41.95 Jana Matena	61
■ 200 M. BACKSTROKE		3:19.97 Stephanie D Couch	59	2:38.10 Fay V Lachney	62	42.46 Sandra Ferreira	62
2:25.27 ELLEN REYNOLDS	19	3:24.56 Cecillie Boysen	59	2:39.59 Zena H Courtney	64	43.02 Kim M Brightwell	63
2:27.27 Ellen M Reynolds	59	3:29.10 Cathy C Gainor	56	■ 400 M. FREESTYLE		43.22 Patricia M Miller	62
2:42.73 Jennifer Ridge	55	3:31.21 Robin A Bulman	58	4:53.24 LAURA VAL	13	43.36 Samantha Martoni	61
2:46.32 Maria E Vazquez	58	■ 100 M. INDIVIDUAL MEDLEY		4:56.99 K Parker Palace	62	43.59 Cheryl Ann Silich	60
2:47.82 Lisa A Ward	59	1:09.08 KARLYN PIPES	17	5:19.68 Jana Matena	61	43.63 Jeanne Pettinichi	61
2:48.00 Francie Haffner	56	1:09.47 Ellen M Reynolds	59	5:19.90 Stephanie A Saucy	60	■ 100 M. BREASTSTROKE	
2:54.10 Susan Harris	58	1:14.59 Deborah Dawson	55	5:20.19 Jane Esahak-Gage	61	1:24.39 COLETTE CRABBE	16
2:54.15 Karen L Westerman	56	1:16.64 Corrin Buck	59	5:24.12 Fay V Lachney	62	1:30.67 Jana Matena	61
2:55.59 Marci Baun	55	1:17.19 Jennifer Ridge	55	5:25.65 Anna DeLozier	60	1:31.91 Sandra Ferreira	62
2:56.34 S Prey-Luedtke	59	1:19.67 Pam W Rogan	55	5:36.09 Celeste Lind	64	1:33.67 Elizabeth F Scott	61
2:58.23 R Friedlander	57	1:20.43 Kristin J Gary	56	5:40.98 Mary G Dore	60	1:34.11 Jeanne Pettinichi	61
■ 50 M. BREASTSTROKE		1:21.33 J Weiderman	57	5:42.56 Jeanne Pettinichi	61	1:34.36 Carolyn Koster	62
36.47 CAROLINE KRATTLI	17	1:21.41 Michelle Goldberg	55	5:49.51 Denise H Brown	64	1:35.75 Patricia M Miller	62
38.46 Corrin Buck	59	1:21.49 Karen L Westerman	56	■ 800 M. FREESTYLE		1:36.31 Brigid J Bunch	60
38.66 Deborah Dawson	55	1:23.17 Sheila Nelson	55	10:07.03 K PARKER PALACE	23	1:36.87 Samantha Martoni	61
39.42 Jill M Asch	57	■ 200 M. INDIVIDUAL MEDLEY		10:07.03 K PARKER PALACE	62	1:37.39 Jane Esahak-Gage	61
39.60 Arlette Godges	59	2:27.78 ELLEN REYNOLDS	19	10:51.44 Jane Esahak-Gage	61	1:37.74 Barbara Burke	62
40.23 J Weiderman	57	2:30.76 Ellen M Reynolds	59	10:53.20 Anna DeLozier	60	■ 200 M. BACKSTROKE	
40.75 Cheryl A Simmons	56	2:45.67 Deborah Dawson	55	11:08.37 Stephanie A Saucy	60	3:04.70 LO KNAPP	16
41.73 Lauren K Welting	58	2:50.02 Corrin Buck	59	11:32.93 Jeanne Pettinichi	61	3:22.54 K Parker Palace	62
42.03 Robin A Bulman	58	2:51.08 Maria E Vazquez	58	11:33.44 Mary G Dore	60	3:26.04 Barbara Burke	62
42.35 Cindi Connolly	59	2:51.85 Pam W Rogan	55	11:39.07 Celeste Lind	64	3:26.56 Jane Esahak-Gage	61
42.43 Jelena A Kunovac	59	2:54.37 Susie Shuck	58	11:40.51 Denise H Brown	64	3:35.08 Zhou Chuanzhu	64
■ 100 M. BREASTSTROKE		2:54.61 J Weiderman	57	11:46.56 Patricia Burd	60	3:38.76 Nancy C Vincent	64
1:21.18 CAROLINE KRATTLI	17	2:56.12 Michelle Goldberg	55	11:52.35 Jane E Russell	60	3:40.23 Wendy Hoffman	61
1:21.33 Ellen M Reynolds	59	2:56.84 Karen L Westerman	56	■ 1500 M. FREESTYLE		3:41.76 Susan Cushman	61
1:24.23 Corrin Buck	59	2:57.39 Laurie Hug	58	19:27.09 K PARKER PALACE	23	3:45.99 Kathleen H Adams	61
1:27.21 Deborah Dawson	55	■ 400 M. INDIVIDUAL MEDLEY		19:27.09 K PARKER PALACE	62	3:49.91 Cherie Touchette	60
1:27.49 J Weiderman	57	5:15.72 ELLEN REYNOLDS	19	20:41.83 Jane Esahak-Gage	61	3:52.09 Catherine Taylor	60
1:28.05 Cheryl A Simmons	56	5:22.55 Ellen M Reynolds	59	20:56.12 Anna DeLozier	60	■ 50 M. BUTTERFLY	
1:28.11 Arlette Godges	59	5:54.78 Deborah Dawson	55	21:30.93 Mary G Dore	60	31.24 TRACI GRANGER	19
1:28.22 Jill M Asch	57	6:03.43 Laurie Hug	58	21:45.50 Jeanne Pettinichi	61	32.73 Becky Cleavenger	60
1:31.26 Robin A Bulman	58	6:03.95 Susie Shuck	58	21:51.50 Zena H Courtney	64	33.51 Valerie G Jenkins	60
1:32.76 Emma Garforth	55	6:11.20 Maria E Vazquez	58	21:59.72 Cherie Touchette	60	33.59 Paige A Gill	60
1:33.39 Cindi Connolly	59	6:16.16 Karen L Westerman	56	22:11.75 Patricia Burd	60	34.13 Arlene DeImage	61
■ 200 M. BREASTSTROKE		6:17.70 J Weiderman	57	22:24.16 Jane E Russell	60	35.85 Muffy MacKenzie	60
2:52.75 ELLEN REYNOLDS	23	6:23.24 Natalie R Nielsen	57	22:27.40 Sue Jensen	63	36.11 Brenda Brey	62
2:52.75 Ellen M Reynolds	59	6:23.87 Sara Jones	55	■ 50 M. BACKSTROKE		36.38 Debbie Cagigas	62
3:02.74 Corrin Buck	59	6:25.08 Cialdella-Morehea	59	32.91 KARLYN PIPES	22	36.61 Jane Esahak-Gage	61
3:05.90 Deborah Dawson	55			34.04 Valerie G Jenkins	60	37.02 Sue Jensen	63
3:09.70 J Weiderman	57			37.06 Tait Michael	60	37.84 Kim M Brightwell	63
3:17.91 Emma Garforth	55			37.54 Brigid J Bunch	60		
3:23.57 Susie Shuck	58			37.65 Kim M Brightwell	63		



■ 100 M. BUTTERFLY	1:08.47	Veronica Hibben	67	1:34.89	Tracy L Grilli	66	3:08.06	Colette M Crabbe	67		
1:10.97	KARLYN PIPES	22	1:09.85	Lynn Morrison	69	1:41.00	Jill M King	68	3:39.19	Nancy L Kryka	68
1:18.26	Arlene DeImage	61	1:11.51	K Andrus-Hughes	66	1:45.54	Katy James	68	3:56.01	Teresa McGiverin	67
1:20.13	Jane Esahak-Gage	61	1:11.55	Mary Woehler	65	■ 200 M. BACKSTROKE			4:02.90	Barbara A McNulty	66
1:22.87	Barbara Burke	62	1:13.53	Susan M Ritter	66	2:42.87	LAURA VAL	17	4:05.02	Julie Paque	65
1:27.06	Sue Jensen	63	1:14.23	Karen M Mareb	65	2:55.98	K Andrus-Hughes	66	4:10.63	Cathy V Neville	66
1:27.65	Jane E Russell	60	1:14.31	N Steadman Martin	69	3:05.50	Wendy S McNamara	69	4:11.05	Cynthia P Henley	65
1:32.98	Mary G Dore	60	1:14.42	Cathy Ganze	66	3:05.70	Laurie J Alioto	65	4:52.90	Linda L Larson	68
1:36.31	Beck Ettien	64	1:15.27	E Boscacci	67	3:05.83	N Steadman Martin	69	4:53.36	Betty Lampe	68
1:36.53	Gretchen Wierdsma	61	■ 200 M. FREESTYLE			3:06.33	Cathy Ganze	66	■ 100 M. INDIVIDUAL MEDLEY		
1:37.03	Anna DeLozier	60	2:23.26	LAURA VAL	17	3:12.13	Tracy L Grilli	66	1:15.65	PENNY NOYES	19
1:37.33	Monica A Carter	62	2:33.93	Susan M Ritter	66	3:15.11	Helen Cox	66	1:20.35	Penny P Noyes	69
■ 200 M. BUTTERFLY			2:34.71	Veronica Hibben	67	3:17.64	Linda L Larson	68	1:20.95	Colette M Crabbe	67
2:41.25	LAURA VAL	11	2:35.27	Colette M Crabbe	67	3:19.70	Susan D DeMere	67	1:22.33	Veronica Hibben	67
3:03.13	Jane Esahak-Gage	61	2:36.68	N Steadman Martin	69	3:19.75	J Saul-Zachau	65	1:22.58	Mary Woehler	65
3:16.87	Barbara Burke	62	2:39.64	Tracy L Grilli	66	■ 50 M. BREASTSTROKE			1:26.10	Karen M Mareb	65
3:17.14	Mary G Dore	60	2:40.04	Linda Bland	66	41.09	E DE HERDER	23	1:28.91	Beth A Estel	67
3:18.76	Sue Jensen	63	2:42.94	J Saul-Zachau	65	41.09	E De Herder	65	1:31.38	Susan P Helmrich	68
3:19.39	Cherie Touchette	60	2:44.67	E Boscacci	67	41.47	Colette M Crabbe	67	1:32.04	Nancy L Kryka	68
3:22.89	Jane E Russell	60	2:46.99	Sharon Dill	65	41.82	Karen M Mareb	65	1:32.57	Wendy S McNamara	69
3:28.34	Denise H Brown	64	2:50.23	Carol Gephart	67	42.77	Beth A Estel	67	1:34.73	Susan M Ritter	66
3:30.28	M Bergamini	60	■ 400 M. FREESTYLE			43.40	Cathy Ganze	66	■ 200 M. INDIVIDUAL MEDLEY		
3:35.99	Wendy Hoffman	61	5:02.08	LAURA VAL	17	44.34	Karen L Melick	66	2:46.04	LAURA VAL	19
3:44.69	Zena H Courtney	64	5:18.01	S Heim-Bowen	65	44.66	Linda Chapman	67	3:04.34	Laurie J Alioto	65
■ 100 M. INDIVIDUAL MEDLEY			5:22.50	Susan M Ritter	66	45.15	E Boscacci	67	3:06.14	N Steadman Martin	69
1:12.08	KARLYN PIPES	22	5:25.64	N Steadman Martin	69	45.79	Nancy L Kryka	68	3:11.01	Helen Cox	66
1:17.07	Becky Cleavenger	60	5:25.96	Linda Bland	66	46.88	Patricia Harrison	68	3:12.00	Beth A Estel	67
1:17.73	Valerie G Jenkins	60	5:30.14	Tracy L Grilli	66	■ 100 M. BREASTSTROKE			3:26.69	Judith H Norton	66
1:18.02	Paige A Gill	60	5:44.91	Sharon Dill	65	1:28.94	COLETTE CRABBE	22	3:43.63	Sue N Watts	69
1:21.38	Jane Esahak-Gage	61	5:53.44	J Saul-Zachau	65	1:30.76	Karen M Mareb	65	3:47.11	Cathy V Neville	66
1:21.98	Jana Matena	61	5:57.39	Laurie J Alioto	65	1:31.40	E De Herder	65	3:49.25	Joannie Eastridge	69
1:23.43	Brigid J Bunch	60	5:57.39	Laurie J Alioto	65	1:34.30	Beth A Estel	67	3:51.19	Cynthia P Henley	65
1:25.49	Kim M Brightwell	63	5:57.63	C Pedersen	65	1:37.93	Linda Chapman	67	3:52.04	Jessie J Hicel	65
1:26.16	Sandra Ferreira	62	■ 800 M. FREESTYLE			1:40.03	Sandie McTavish	68	■ 400 M. INDIVIDUAL MEDLEY		
1:26.26	Debbie Cagigas	62	10:34.67	LAURA VAL	16	1:41.53	Karen L Melick	66	5:55.00	LAURA VAL	16
1:26.36	Barbara Burke	62	10:40.98	S Heim-Bowen	65	1:42.12	E Boscacci	67	6:49.09	Helen Cox	66
■ 200 M. INDIVIDUAL MEDLEY			10:53.01	N Steadman Martin	69	1:45.79	Margaret Hair	68	7:07.79	J Saul-Zachau	65
2:41.53	LAURA VAL	13	11:07.78	Linda Bland	66	1:48.80	Patricia Harrison	68	7:19.33	Nancy L Kryka	68
2:51.04	Becky Cleavenger	60	11:19.71	Colette M Crabbe	67	1:49.59	C Hayes-Rupp	66	7:30.81	Niki F Stokols	66
2:53.77	Stephanie A Saucy	60	11:24.54	Susan M Ritter	66	■ 200 M. BREASTSTROKE			7:43.07	Phyllis E Quinn	68
2:56.83	Jane Esahak-Gage	61	11:38.64	Tracy L Grilli	66	3:10.94	LO KNAPP	19	7:52.71	Jeanna Summers	69
2:58.19	Anna DeLozier	60	11:53.17	J Saul-Zachau	65	3:14.12	Colette M Crabbe	67	8:03.79	Linda L Larson	68
3:00.30	Arlene DeImage	61	12:01.88	Laurie J Alioto	65	3:32.37	E De Herder	65	8:04.37	Cathy V Neville	66
3:04.86	Barbara Burke	62	12:13.96	Niki F Stokols	66	3:32.46	Beth A Estel	67	9:21.02	Kathy Gill	69
3:08.71	Sue Jensen	63	12:21.22	Susan P Helmrich	68	3:38.06	Linda Chapman	67	9:50.21	Sharon M Snyder	65
3:13.18	Patricia M Miller	62	■ 1500 M. FREESTYLE			3:45.21	E Boscacci	67			
3:13.22	Denise H Brown	64	20:05.72	S HEIM-BOWEN	23	3:45.21	Karen L Melick	66			
3:15.03	Mary G Dore	60	20:05.72	S Heim-Bowen	65	3:48.93	Margaret Hair	68			
■ 400 M. INDIVIDUAL MEDLEY			20:41.65	N Steadman Martin	69	3:51.81	Nancy L Kryka	68	■ 50 M. FREESTYLE		
5:50.34	COLETTE CRABBE	17	20:47.65	Linda Bland	66	3:52.94	Sandie McTavish	68	30.55	LAURA VAL	22
6:06.20	Jane Esahak-Gage	61	21:24.47	Colette M Crabbe	67	4:00.83	Maureen T White	68	30.57	Laura B Val	72
6:08.71	Stephanie A Saucy	60	22:08.11	Tracy L Grilli	66	■ 50 M. BUTTERFLY			35.57	Susan A Francis	70
6:39.52	Sue Jensen	63	22:28.73	J Saul-Zachau	65	32.57	PENNY NOYES	19	36.27	S Loftus-Charley	72
6:45.28	Jane E Russell	60	22:43.90	Laurie J Alioto	65	34.46	Penny P Noyes	69	36.29	Christie Altman	74
6:46.21	Cherie Touchette	60	22:47.52	Niki F Stokols	66	35.12	Veronica Hibben	67	36.59	Linda P Fulton	71
6:47.29	Barbara Burke	62	23:09.83	Susan P Helmrich	68	35.24	Colette M Crabbe	67	37.90	Christie Ciraulo	70
6:58.72	Wendy Hoffman	61	23:14.69	Judith H Norton	66	35.50	Lynn Morrison	69	38.52	Elizabeth Merena	71
7:09.73	Sherrri Nichelmann	63	■ 50 M. BACKSTROKE			35.57	Mary Woehler	65	39.06	Fiona Atkinson	73
7:12.81	Gina Pappas	61	33.41	LAURA VAL	19	36.02	Cathy Ganze	66	39.13	Sally K Guthrie	73
7:13.75	M Bergamini	60	36.54	Penny P Noyes	69	36.98	Helen Cox	66	39.17	Carrie L Franchi	71
			36.72	Wendy S McNamara	69	37.00	Shelly R Marshall	67	■ 100 M. FREESTYLE		
			37.06	K Andrus-Hughes	66	39.99	Tracy L Grilli	66	1:06.02	LAURA VAL	23
			38.14	Cathy Ganze	66	41.56	Celia C Devanney	66	1:06.02	Laura B Val	72
			41.41	Helen Cox	66	■ 100 M. BUTTERFLY			1:15.43	Christie Ciraulo	70
			41.66	Tracy L Grilli	66	1:13.47	LAURA VAL	19	1:17.18	S Loftus-Charley	72
			42.89	Beth A Estel	67	1:18.71	Penny P Noyes	69	1:18.52	Susan A Francis	70
			43.08	Susan D DeMere	67	1:23.82	Laurie J Alioto	65	1:21.28	Linda P Fulton	71
			43.17	Linda L Larson	68	1:24.59	Veronica Hibben	67	1:24.74	Sally K Guthrie	73
			43.43	Kirkpatrick-Reno	68	1:26.04	Helen Cox	66	1:25.58	Dorothy Tourtual	72
			■ 100 M. BACKSTROKE			1:39.78	Nancy L Kryka	68	1:25.64	Susan D Korsedal	73
			1:13.08	LAURA VAL	18	1:49.66	Margaret Hair	68	1:27.61	Fiona Atkinson	73
			1:19.11	K Andrus-Hughes	66	1:51.35	Teresa McGiverin	67	1:27.73	Debbie A Glassman	70
			1:22.05	Penny P Noyes	69	1:52.10	Cathy V Neville	66	■ 200 M. FREESTYLE		
			1:22.54	Wendy S McNamara	69	1:56.40	Joannie Eastridge	69	2:25.35	LAURA VAL	23
			1:23.35	Mary Woehler	65	1:56.78	Cecily Sprouse	67	2:25.35	Laura B Val	72
			1:23.98	Cathy Ganze	66	■ 200 M. BUTTERFLY			2:39.94	Christie Ciraulo	70
			1:30.45	Helen Cox	66	2:45.20	LAURA VAL	16	2:47.44	S Loftus-Charley	72
			1:32.55	Linda L Larson	68	3:04.64	Laurie J Alioto	65			

WOMEN 65-69

WOMEN 70-74

3:04.38	Karen Bierwert	71	■ 50 M. BREASTSTROKE	1:49.19	H Carling-Smith	73	13:38.02	Joanne Menard	75		
3:04.39	Diane F Spence	70	43.55	ANDRA JAUNZEME	23	■ 200 M. INDIVIDUAL MEDLEY	14:10.72	Janet Gettling	75		
3:04.43	Frances E Hare	73	43.55	Andra Jaunzeme	70	2:52.19	LAURA VAL	21	15:33.36	Linda Webb	78
3:05.43	Dorothy Tourtual	72	44.89	Laura B Val	72	3:08.87	Andra Jaunzeme	70	16:01.03	Babs H Larsen	76
3:07.03	Sally K Guthrie	73	46.28	Krissy Maccurdy	71	3:12.12	S Loftus-Charley	72	16:17.08	Mary M Pohlmann	78
3:12.27	Barbara G Dunbar	74	47.22	Karen Bierwert	71	3:13.81	Christie Ciraulo	70	16:27.18	Lyn Moreno	75
3:12.64	Susan D Korsedal	73	48.16	S Loftus-Charley	72	3:20.28	Karen Bierwert	71	16:59.15	Annette M Coholan	75
■ 400 M. FREESTYLE			49.50	Elizabeth Merena	71	3:27.78	Evie Lynch	71	17:38.82	Susan Paris	77
5:18.26	LAURA VAL	23	51.66	Barbara E Boslego	72	3:29.07	Kris Wingenroth	70	■ 1500 M. FREESTYLE		
5:18.26	Laura B Val	72	52.07	Fiona Atkinson	73	3:44.34	Sally K Guthrie	73	25:24.69	MARCIA BARRY	23
5:21.28	Christie Ciraulo	70	52.14	Susannah S Walz	71	3:47.97	S Lee-Sheridan	71	25:24.69	Marcia L Barry	75
5:41.53	S Loftus-Charley	72	52.83	Pamela M Baker	70	3:50.33	Mimi C Willard	70	25:25.42	Joanne Menard	75
6:08.41	Evie Lynch	71	■ 100 M. BREASTSTROKE			3:53.11	Jessica W Seaton	70	25:27.74	Ruth Y Shaps	76
6:09.40	Cheryl Murray	71	1:36.05	KATHLEEN LEWIS	22	■ 400 M. INDIVIDUAL MEDLEY			26:36.25	Janet Gettling	75
6:19.28	Karen Bierwert	71	1:37.08	Andra Jaunzeme	70	6:07.14	LAURA VAL	23	27:49.40	Stephanie I Scott	76
6:21.47	Diane F Spence	70	1:41.44	Karen Bierwert	71	6:07.14	Laura B Val	72	29:28.00	Linda Webb	78
6:28.21	Sally K Guthrie	73	1:47.57	S Loftus-Charley	72	6:46.24	S Loftus-Charley	72	30:06.27	Babs H Larsen	76
6:29.86	Barbara G Dunbar	74	1:47.67	Mary B Dickson	71	7:03.10	Cheryl Murray	71	32:27.83	Annette M Coholan	75
6:30.66	Suzy Reierson	72	1:49.51	Denise Kirwan	71	7:13.93	Kris Wingenroth	70	33:10.36	Susan Paris	77
■ 800 M. FREESTYLE			1:49.71	Diane F Spence	70	7:54.61	Sally K Guthrie	73	37:04.35	Wendy Weinberg	78
11:08.52	CHRISTIE CIRAULO	23	1:55.40	Susannah S Walz	71	8:02.98	Susan Swedler	70	■ 50 M. BACKSTROKE		
11:08.52	Christie Ciraulo	70	1:56.48	Barbara E Boslego	72	8:46.33	Barbara E Boslego	72	40.00	DIANN UUSTAL	23
11:37.00	S Loftus-Charley	72	1:56.93	Jessica W Seaton	70	9:00.73	Marianne Erickson	71	40.00	Diann Uustal	77
12:47.51	Evie Lynch	71	1:58.59	Susan Swedler	70	9:28.08	Laurie S Kaguni	71	47.18	Ruth Y Shaps	76
12:53.35	Diane F Spence	70	■ 200 M. BREASTSTROKE			9:33.74	Martha Dennis	71	48.55	Jan L Levinrad	76
12:59.01	Sally K Guthrie	73	3:25.76	JOANN LEILICH	09				48.69	Marcia L Barry	75
13:20.11	Suzy Reierson	72	3:30.22	Andra Jaunzeme	70				50.23	Sandi Rousseau	76
13:21.35	Kris Wingenroth	70	3:37.37	Karen Bierwert	71				51.82	Christie M Hayes	75
13:35.86	Elizabeth M Smith	71	3:45.24	S Loftus-Charley	72	■ 50 M. FREESTYLE			52.75	Andrea M Hunt	75
13:36.73	Barbara G Dunbar	74	3:57.87	Diane F Spence	70	34.04	DIANN UUSTAL	22	52.90	Mary M Pohlmann	78
13:59.46	Mimi C Willard	70	4:05.36	S Lee-Sheridan	71	34.33	Diann Uustal	77	55.46	Babs H Larsen	76
■ 1500 M. FREESTYLE			4:06.38	Susan Swedler	70	36.45	Ruth Y Shaps	76	55.88	Daniela Barnea	79
21:03.47	CHRISTIE CIRAULO	23	4:08.34	Jessica W Seaton	70	38.63	Janet Gettling	75	■ 100 M. BACKSTROKE		
21:03.47	Christie Ciraulo	70	4:09.40	Mimi C Willard	70	39.17	Jan L Levinrad	76	1:26.40	DIANN UUSTAL	22
21:54.24	S Loftus-Charley	72	4:21.05	Susannah S Walz	71	39.35	Christie M Hayes	75	1:26.90	Diann Uustal	77
24:16.41	Evie Lynch	71	4:28.43	Barbara E Boslego	72	40.26	Marcia L Barry	75	1:42.82	Marcia L Barry	75
24:18.97	Diane F Spence	70	■ 50 M. BUTTERFLY			40.31	Joanne Menard	75	1:48.14	Jan L Levinrad	76
24:48.81	Sally K Guthrie	73	34.14	LAURA VAL	23	40.46	Linda Webb	78	1:49.45	Sandi Rousseau	76
25:42.04	Barbara G Dunbar	74	34.14	Laura B Val	72	42.56	Susan H England	75	1:50.18	Christie M Hayes	75
26:03.22	Judith Laney	71	35.48	Christie Ciraulo	70	42.66	Sandi Rousseau	76	1:52.50	Daniela Barnea	79
26:21.58	Suzy Reierson	72	36.25	Andra Jaunzeme	70	■ 100 M. FREESTYLE			1:52.98	Andrea M Hunt	75
26:29.70	Mimi C Willard	70	40.15	S Loftus-Charley	72	1:15.87	DIANN UUSTAL	21	1:53.89	Mary M Pohlmann	78
30:03.44	Carol H Horowitz	71	41.12	Kris Wingenroth	70	1:21.78	Diann Uustal	77	2:00.45	Sarah Welch	76
■ 50 M. BACKSTROKE			41.52	Linda P Fulton	71	1:22.24	Ruth Y Shaps	76	2:03.53	C Jorgensen	78
33.60	LAURA VAL	23	44.38	Debbie A Glassman	70	1:26.98	June Carson	75	■ 200 M. BACKSTROKE		
33.60	Laura B Val	72	45.75	Karen Bierwert	71	1:27.98	Christie M Hayes	75	3:10.53	DIANN UUSTAL	21
39.37	J Woolslayer	70	45.92	Sally K Guthrie	73	1:28.79	Janet Gettling	75	3:23.38	Diann Uustal	77
40.13	Evie Lynch	71	47.10	Christie Altman	74	1:28.97	Marcia L Barry	75	3:40.11	Marcia L Barry	75
41.99	Linda P Fulton	71	■ 100 M. BUTTERFLY			1:29.02	Joanne Menard	75	3:55.46	Christie M Hayes	75
43.78	Christie Altman	74	1:15.46	LAURA VAL	21	1:29.09	Jan L Levinrad	76	3:58.61	Sandi Rousseau	76
43.90	Mary Westhuis	71	1:27.19	Christie Ciraulo	70	1:33.26	Linda Webb	78	4:03.63	Babs H Larsen	76
44.56	S Loftus-Charley	72	1:32.77	S Loftus-Charley	72	1:34.32	Ruth R Bennett	77	4:15.05	Mary M Pohlmann	78
45.34	Susan A Francis	70	1:33.41	Kris Wingenroth	70	■ 200 M. FREESTYLE			4:27.59	Jamie Stewart	75
45.48	Suzy Reierson	72	1:42.69	Cheryl Murray	71	2:51.46	DIANN UUSTAL	22	4:32.77	Kathrine J Casey	75
46.51	Carrie L Franchi	71	1:51.22	Sally K Guthrie	73	3:11.73	Ruth Y Shaps	76	4:41.80	Mary L Glotch	75
■ 100 M. BACKSTROKE			1:58.97	Mary-Chris Kay	70	3:11.81	Marcia L Barry	75	4:51.79	Diane G Smith	78
1:13.10	LAURA VAL	23	2:03.26	Dorothy Tourtual	72	3:13.32	Christie M Hayes	75	■ 50 M. BREASTSTROKE		
1:13.10	Laura B Val	72	2:06.26	Laurie S Kaguni	71	3:14.90	June Carson	75	46.20	JOANN LEILICH	14
1:25.85	J Woolslayer	70	2:09.79	Marianne Erickson	71	3:17.26	Joanne Menard	75	48.09	Janet Gettling	75
1:29.14	Evie Lynch	71	2:13.80	Barbara E Boslego	72	3:20.93	Linda Webb	78	51.51	Christie M Hayes	75
1:30.73	Karen Bierwert	71	■ 200 M. BUTTERFLY			3:27.32	Janet Gettling	75	52.07	Daniela Barnea	79
1:30.81	Christie Ciraulo	70	2:57.32	LAURA VAL	23	3:28.94	Ruth R Bennett	77	52.47	June Carson	75
1:31.99	Linda P Fulton	71	2:57.32	Laura B Val	72	3:33.00	Stephanie I Scott	76	54.16	Linda Webb	78
1:32.29	S Loftus-Charley	72	3:26.33	Kris Wingenroth	70	3:39.73	Sally A Dillon	77	59.62	Susie A Caso	77
1:35.36	Mary Westhuis	71	3:28.88	S Loftus-Charley	72	■ 400 M. FREESTYLE			1:00.31	Sandi Rousseau	76
1:35.86	Denise Kirwan	71	3:35.41	Cheryl Murray	71	6:17.67	CAROLYN BOAK	21	1:01.97	Susan B Carter	76
1:39.27	S Lee-Sheridan	71	4:16.26	Sally K Guthrie	73	6:30.04	Ruth Y Shaps	76	1:02.99	Lyn Moreno	75
■ 200 M. BACKSTROKE			4:56.44	Laurie S Kaguni	71	6:34.85	Marcia L Barry	75	1:04.05	P Hackett-Evans	77
2:43.77	LAURA VAL	23	5:34.39	Martha Dennis	71	6:38.46	Christie M Hayes	75	■ 100 M. BREASTSTROKE		
2:43.77	Laura B Val	72	■ 100 M. INDIVIDUAL MEDLEY			6:44.80	Joanne Menard	75	1:40.82	JOANN LEILICH	14
3:11.17	S Loftus-Charley	72	1:18.81	LAURA VAL	22	6:54.46	June Carson	75	1:52.68	Daniela Barnea	79
3:14.13	Karen Bierwert	71	1:19.08	Laura B Val	72	7:02.15	Janet Gettling	75	1:52.88	Janet Gettling	75
3:16.59	Linda P Fulton	71	1:24.18	Andra Jaunzeme	70	7:16.79	Linda Webb	78	1:55.94	Christie M Hayes	75
3:32.85	S Lee-Sheridan	71	1:32.55	S Loftus-Charley	72	7:30.95	Stephanie I Scott	76	2:03.19	Linda Webb	78
3:36.15	Suzy Reierson	72	1:33.71	Karen Bierwert	71	7:53.08	Annette M Coholan	75	2:16.19	Judy L Gillies	75
3:36.27	Christie Altman	74	1:39.16	Denise Kirwan	71	7:54.88	Babs H Larsen	76	2:18.08	Susan B Carter	76
3:37.10	Mimi C Willard	70	1:40.85	S Lee-Sheridan	71	■ 800 M. FREESTYLE			2:19.14	Susie A Caso	77
3:42.10	Linda Hepworth	70	1:42.59	Debbie A Glassman	70	13:05.40	CAROLYN BOAK	21	2:19.36	Annette M Coholan	75
3:44.15	Susan D Korsedal	73	1:46.30	Pamela M Baker	70	13:19.88	Ruth Y Shaps	76	2:20.70	Karyn B Baiorunos	75
			1:48.72	Susannah S Walz	71	13:29.03	Marcia L Barry	75	2:22.99	Janit P Romayko	78

■ 200 M. BREASTSTROKE	1:02.22	Judy E Anttonen	82	5:02.01	Ida M Hlavacek	81	■ 200 M. INDIVIDUAL MEDLEY				
3:36.56	JOANN LEILICH	14	1:05.68	Linda S Carter	81	3:55.51	GAIL ROPER	09			
4:05.83	Daniela Barnea	79	■ 100 M. FREESTYLE		5:10.33	Lucy M Manheim	81	4:10.20	Joy Ward	81	
4:13.12	Christie M Hayes	75	1:26.23	GAIL ROPER	09	5:13.33	Carolynn Foley	80	4:19.54	Corinna Goodman	82
4:31.63	Linda Webb	78	1:40.17	Joy Ward	81	5:45.81	AnnLiv Bacon	81	5:04.43	Nancy Stretch	83
4:46.20	Stephanie I Scott	76	1:41.48	Beth Schreiner	82	5:56.77	Roswita D Norris	81	5:25.05	Ida M Hlavacek	81
4:59.73	Babs H Larsen	76	1:45.56	Susan L Meyers	81	■ 50 M. BREASTSTROKE		7:13.36	Judith L Morton	84	
5:06.57	Janit P Romayko	78	1:45.81	A Jane Nichols	82	50.49	JOANN LEILICH	19	8:38.74	Ann Louise Onton	80
5:17.40	Frances L Roark	77	1:57.99	Aagje A Caron	82	53.79	JOANN LEILICH	84	■ 400 M. INDIVIDUAL MEDLEY		
5:17.88	Lyn Moreno	75	2:04.22	L Westergaard	80	57.83	Corinna Goodman	82	8:39.68	GAIL ROPER	09
5:21.24	P Hackett-Evans	77	2:07.90	Nancy Stretch	83	1:02.79	Chris S Gilligan	80	9:33.75	Corinna Goodman	82
6:41.82	Marsha L Mauldin	78	2:10.90	Frances E Weston	83	1:03.50	Susan L Meyers	81	11:33.05	Ida M Hlavacek	81
■ 50 M. BUTTERFLY			2:14.27	Carolynn Foley	80	1:04.25	Malinda J Case	82	18:00.50	Ann Louise Onton	80
38.30	DIANN UUSTAL	22	2:23.87	Judy E Anttonen	82	1:07.44	Nancy Stretch	83			
39.06	Diann Uustal	77	■ 200 M. FREESTYLE			1:33.91	Roswita D Norris	81			
46.46	Janet Gettling	75	3:18.57	GAIL ROPER	09	1:35.01	Frances E Weston	83			
46.97	Joanne Menard	75	3:40.21	Beth Schreiner	82	1:56.27	Lorene E Blood	81			
49.92	Sandi Rousseau	76	3:54.77	A Jane Nichols	82	■ 100 M. BREASTSTROKE					
51.11	Jan L Levinrad	76	3:57.38	Susan L Meyers	81	1:50.15	JOANN LEILICH	19	46.01	NAN BOHL	14
52.15	Daniela Barnea	79	4:06.70	DeEtte A Sauer	82	1:59.16	JOANN LEILICH	84	53.41	Kristin Norstad	85
52.62	Sarah Welch	76	4:09.14	Aagje A Caron	82	2:10.39	Corinna Goodman	82	54.34	Laura S Walker	86
53.87	Jamie Stewart	75	4:16.17	Ellen K Shockro	81	2:11.43	Joy Ward	81	1:04.13	Glad Bryce	89
54.04	Linda Webb	78	4:22.64	L Westergaard	80	2:22.01	Aagje A Caron	82	1:05.24	Thyra Tegner	88
1:01.28	Babs H Larsen	76	4:30.19	Dorothy A Burke	84	2:25.32	Malinda J Case	82	1:06.83	Caroline W Wood	88
■ 100 M. BUTTERFLY			4:32.68	Ida M Hlavacek	81	2:32.96	Dorothy A Burke	84	1:11.99	Martha Henderson	87
1:46.04	DANIELA BARNEA	19	4:41.84	Carolynn Foley	80	2:36.25	Nancy Stretch	83	1:30.81	Ellen S Voss	86
1:49.77	Janet Gettling	75	■ 400 M. FREESTYLE			2:37.20	Susan E Marens	81	■ 100 M. FREESTYLE		
1:52.37	Jan L Levinrad	76	7:20.96	JEAN TROY	07	3:26.74	Roswita D Norris	81	1:43.97	JEAN TROY	12
1:55.71	Daniela Barnea	79	8:13.53	Joann Leilich	84	4:40.80	Ann Louise Onton	80	2:25.10	Patricia Hastings	88
2:05.36	Sarah Welch	76	8:27.55	DeEtte A Sauer	82	■ 200 M. BREASTSTROKE		2:25.65	Thyra Tegner	88	
2:09.42	Babs H Larsen	76	8:35.04	Aagje A Caron	82	4:01.34	JOANN LEILICH	19	2:29.63	Martha Henderson	87
2:14.75	Jamie Stewart	75	9:31.13	Bentley B Marane	80	4:21.38	Joann Leilich	84	2:35.39	Glad Bryce	89
■ 200 M. BUTTERFLY			9:52.27	Carolynn Foley	80	4:30.00	Corinna Goodman	82	2:45.43	Caroline W Wood	88
3:57.22	DANIELA BARNEA	19	12:54.25	Judith L Morton	84	5:03.94	Aagje A Caron	82	3:01.56	June G Baima	89
4:01.71	Janet Gettling	75	13:47.60	Ann Louise Onton	80	5:10.76	Malinda J Case	82	■ 200 M. FREESTYLE		
4:17.91	Daniela Barnea	79	13:48.79	Lois A Jacobs	80	5:23.27	Dorothy A Burke	84	3:49.35	JEAN TROY	12
4:27.77	Babs H Larsen	76	■ 800 M. FREESTYLE			6:45.19	Roswita D Norris	81	5:09.73	Luise E Easton	85
4:48.13	Jamie Stewart	75	14:56.40	ANNE WILLIAMS	19	6:58.80	Ida M Hlavacek	81	5:14.39	Martha Henderson	87
■ 100 M. INDIVIDUAL MEDLEY			16:51.40	Corinna Goodman	82	8:06.20	Frances E Weston	83	5:17.55	Patricia Hastings	88
1:29.53	DIANN UUSTAL	22	17:31.52	DeEtte A Sauer	82	8:25.53	Lois A Jacobs	80	5:37.84	Glad Bryce	89
1:35.89	Diann Uustal	77	18:21.06	Ellen K Shockro	81	9:47.21	Ann Louise Onton	80	■ 400 M. FREESTYLE		
1:42.25	Janet Gettling	75	19:08.03	Bentley B Marane	80	■ 50 M. BUTTERFLY		7:58.41	MARGER Y MEYER	08	
1:44.80	Christie M Hayes	75	■ 1500 M. FREESTYLE			48.85	GAIL ROPER	09	10:40.53	Martha Henderson	87
1:44.98	Daniela Barnea	79	28:07.36	ANNE WILLIAMS	19	56.75	Joy Ward	81	■ 800 M. FREESTYLE		
1:50.27	Linda Webb	78	35:03.64	Ellen K Shockro	81	57.04	Susan L Meyers	81	16:25.24	BETTY LORENZI	12
2:00.04	Andrea M Hunt	75	52:57.55	Lois A Jacobs	80	1:07.91	DeEtte A Sauer	82	22:37.25	Patricia Hastings	88
2:04.23	Jamie Stewart	75	53:46.77	Ann Louise Onton	80	1:11.48	Ida M Hlavacek	81	23:41.75	Martha Henderson	87
2:05.03	Jane Lucas	78	■ 50 M. BACKSTROKE			1:14.29	Nancy Stretch	83	27:07.17	June G Baima	89
2:11.71	Karyn Baiorunos	75	48.91	JOY WARD	22	1:25.27	Frances E Weston	83	■ 1500 M. FREESTYLE		
2:17.68	Mary L Glotch	75	50.13	Joy Ward	81	1:51.97	Judith L Morton	84	30:50.51	BETTY LORENZI	12
■ 200 M. INDIVIDUAL MEDLEY			50.89	Chris S Gilligan	80	2:48.74	Ann Louise Onton	80	43:14.68	Patricia Hastings	88
3:32.91	CAROLYN BOAK	21	55.33	Beth Schreiner	82	■ 100 M. BUTTERFLY		44:49.80	Martha Henderson	87	
3:46.07	Janet Gettling	75	59.83	L Westergaard	80	1:58.02	GAIL ROPER	09	■ 50 M. BACKSTROKE		
3:51.90	Daniela Barnea	79	59.96	Ida M Hlavacek	81	2:08.43	Susan L Meyers	81	51.75	BETTY LORENZI	12
4:08.90	Linda Webb	78	1:02.01	J Dillon Stewart	81	2:14.88	Joy Ward	81	59.90	Gynt Clifford	85
4:29.23	Stephanie I Scott	76	1:05.39	Lucy M Manheim	81	2:33.34	DeEtte A Sauer	82	1:04.04	Laura S Walker	86
4:53.34	Karyn Baiorunos	75	1:08.13	Carolynn Foley	80	3:13.43	Ida M Hlavacek	81	1:11.03	Glad Bryce	89
9:12.73	Anita E Cole	76	1:11.79	Linda S Carter	81	3:52.68	Judith L Morton	84	1:12.80	Patricia Hastings	88
■ 400 M. INDIVIDUAL MEDLEY			1:12.76	Bentley B Marane	80	4:01.30	Sue C Ottosen	80	1:19.15	Martha Henderson	87
7:27.94	CAROLYN BOAK	21	■ 100 M. BACKSTROKE			5:29.66	Ann Louise Onton	80	1:20.34	Caroline W Wood	88
8:03.16	Janet Gettling	75	1:46.73	JOY WARD	22	■ 200 M. BUTTERFLY		1:24.39	Thyra Tegner	88	
9:17.96	Babs H Larsen	76	1:49.13	Joy Ward	81	4:35.51	LOIS KIVI NOCHMAN	07	1:30.39	June G Baima	89
9:20.92	Stephanie I Scott	76	1:52.19	Chris S Gilligan	80	5:45.11	DeEtte A Sauer	82	1:39.34	Ellen S Voss	86
9:24.92	Jamie Stewart	75	2:08.31	L Westergaard	80	6:08.51	Joy Ward	81	■ 100 M. BACKSTROKE		
			2:08.57	Malinda J Case	82	8:12.61	Judith L Morton	84	1:52.21	BETTY LORENZI	12
			2:15.37	Aagje A Caron	82	12:14.34	Ann Louise Onton	80	2:16.20	Laura S Walker	86
			2:16.97	Lucy M Manheim	81	■ 100 M. INDIVIDUAL MEDLEY		2:37.63	Patricia Hastings	88	
			2:20.96	Nancy Stretch	83	1:44.95	GAIL ROPER	09	2:39.46	Glad Bryce	89
			2:22.51	J Dillon Stewart	81	1:54.61	Joy Ward	81	2:59.67	Thyra Tegner	88
			2:24.81	Ida M Hlavacek	81	2:03.78	Corinna Goodman	82	3:03.49	Martha Henderson	87
			2:31.15	Susan E Marens	81	2:13.30	Malinda J Case	82	3:25.44	Ellen S Voss	86
			■ 200 M. BACKSTROKE			2:16.00	Aagje A Caron	82	■ 200 M. BACKSTROKE		
			3:44.82	JOY WARD	22	2:32.98	Dorothy A Burke	84	4:05.00	BETTY LORENZI	14
			3:45.16	Joy Ward	81	2:48.03	Judy E Anttonen	82	4:47.51	Laura S Walker	86
			3:59.39	Corinna Goodman	82	3:02.99	Frances E Weston	83	5:39.16	Glad Bryce	89
			4:29.63	L Westergaard	80	4:03.60	Ann Louise Onton	80	6:07.41	Martha Henderson	87
			4:33.26	Malinda J Case	82				■ 50 M. BREASTSTROKE		
			5:00.21	J Dillon Stewart	81				1:00.29	KRISTIN NORSTAD	23
									1:00.29	Kristin Norstad	85

#### WOMEN 80-84

■ 50 M. FREESTYLE								
38.03	GAIL ROPER	09						
43.67	Joy Ward	81						
44.79	Beth Schreiner	82						
48.12	Susan L Meyers	81						
55.37	Malinda J Case	82						
56.42	Lucy M Manheim	81						
57.25	Bentley B Marane	80						
59.27	L Westergaard	80						
1:01.25	Frances E Weston	83						

1:20.55 Yenny Van Dinter	89	■ 100 M. BUTTERFLY		■ 50 M. BACKSTROKE		■ 1500 M. FREESTYLE	
1:34.96 Patricia Hastings	88	4:06.32 JEWEL COOKE	99	1:29.22 MAURINE KORNFELD	21	16:04.59 ANDREW GYENIS	15
2:10.04 Ellen S Voss	86	No Swimmers		No Swimmers		17:24.42 Luis A Serrano	19
■ 100 M. BREASTSTROKE		■ 100 M. INDIVIDUAL MEDLEY		■ 100 M. BACKSTROKE		17:50.85 Joseph Skotnicki	24
2:18.81 NAN BOHL	14	2:34.39 JEAN TROY	17	2:55.51 MAURINE KORNFELD	21	18:17.31 Matthew Howard	24
2:27.32 Kristin Norstad	85	3:42.13 Barbara M Eisele	93	No Swimmers		18:42.34 Daryl G Kay	23
2:52.99 Yenny Van Dinter	89	■ 200 M. INDIVIDUAL MEDLEY		■ 200 M. BACKSTROKE		18:51.81 Zachary Q McCarty	24
■ 200 M. BREASTSTROKE		5:40.20 JEAN TROY	17	6:22.14 MAURINE KORNFELD	21	19:04.64 Rayan Jamshidian	20
5:08.52 NAN BOHL	14	8:11.94 Barbara M Eisele	93	No Swimmers		19:48.97 Taras Polakoff	24
5:29.51 Kristin Norstad	85	■ 400 M. INDIVIDUAL MEDLEY		■ 100 M. BREASTSTROKE		20:32.15 Nate Jo	24
6:10.27 Yenny Van Dinter	89	14:55.37 JEWEL COOKE	99	6:02.24 CHARLOTTE SANDDAL	22	20:41.84 Baibhav Saraf	20
■ 50 M. BUTTERFLY		No Swimmers		No Swimmers		■ 50 M. BACKSTROKE	
1:02.04 LOIS KIVI NOCHMAN	09			■ 200 M. BREASTSTROKE		25.22 EMILIO PEREZ	22
1:45.23 Martha Henderson	87			12:48.34 CHARLOTTE SANDDAL	22	25.98 Emilio A Perez	21
■ 100 M. BUTTERFLY				No Swimmers		29.04 Matthew D Marsh	24
2:21.77 LOIS KIVI NOCHMAN	09			■ 100 M. INDIVIDUAL MEDLEY		29.14 Y El-Demerdash	20
4:11.57 Martha Henderson	87			5:01.09 CHARLOTTE SANDDAL	22	29.44 Taras Polakoff	24
■ 200 M. BUTTERFLY				No Swimmers		30.24 Connor J Holden	23
4:59.50 LOIS KIVI NOCHMAN	09					30.31 Marcel Hurtubise	23
No Swimmers						30.33 Jimmy Kelley	24
■ 100 M. INDIVIDUAL MEDLEY						30.40 Jon P Gouger	24
2:08.06 JEAN TROY	12					31.71 Erik Sarier	23
3:05.69 Martha Henderson	87					32.39 Kanta Emoto	24
3:11.44 Glad Bryce	89					■ 100 M. BACKSTROKE	
■ 200 M. INDIVIDUAL MEDLEY						51.91 EUGENE GODSOE	11
4:48.96 JEAN TROY	12					1:02.23 Nicholas J Soltyz	24
6:59.93 Martha Henderson	87					1:02.57 Joshua M Chamak	23
■ 400 M. INDIVIDUAL MEDLEY						1:03.52 Jon P Gouger	24
10:13.73 JEAN TROY	12					1:04.08 Matthew McComish	24
15:09.30 Martha Henderson	87					1:04.49 Joseph Skotnicki	24
						1:04.51 Taras Polakoff	24
						1:05.10 Nate Harris	22
						1:06.48 Matthew D Marsh	24
						1:06.97 T Eggenberger	24
						1:07.38 Kenneth R Chism	23
						■ 200 M. BACKSTROKE	
						1:54.74 P BOLANOS	19
						2:20.08 Luis A Serrano	19
						2:22.78 Joseph Skotnicki	24
						2:25.61 Taras Polakoff	24
						2:30.49 Kanta Emoto	24
						2:37.86 Baibhav Saraf	20
						2:46.81 Elijah Rinehart	18
						2:53.32 Tyler J Asbacher	19
						3:03.42 Peter Beaver	19
						3:24.67 Noah A Thomas	19
						■ 50 M. BREASTSTROKE	
						27.83 GREGOR PLEVELJ	09
						29.87 Kenneth R Chism	23
						29.98 Timothy Dorje Wu	24
						30.53 Tengbo Yu	22
						30.61 Cole A Welsh	23
						32.08 Jason D Howard	22
						32.27 Jeff T Garvey	23
						32.43 Y El-Demerdash	20
						33.16 Michael A Walkine	24
						33.23 Lance Freiman	22
						33.90 Dillon Montee	20
						■ 100 M. BREASTSTROKE	
						59.96 THIBAUT CAPITAINE	17
						1:04.87 Andrew W Fierke	23
						1:05.18 Kenneth R Chism	23
						1:05.59 Timothy Dorje Wu	24
						1:07.26 Cole A Welsh	23
						1:08.82 Paul Ho	21
						1:11.82 Marcel Hurtubise	23
						1:11.94 Nate Harris	22
						1:12.48 I Alexandrovich	21
						1:12.62 Nicholas J Soltyz	24
						1:13.29 Zachary Q McCarty	24
						■ 200 M. BREASTSTROKE	
						2:12.70 THIBAUT CAPITAINE	17
						2:28.04 Andrew W Fierke	23
						2:45.52 Austin T Martin	24
						2:45.87 A Carder-Cannillo	24
						2:50.05 Michael A Guzman	19
						2:54.44 Rian Jacquet	21
						3:01.86 Baibhav Saraf	20
						3:01.86 Reid A Pezewski	21
						3:09.23 Kameron U Wright	20

4:26.18	Campbell M Wyman	21	22.97	David S Murphy	26	29.61	James T Tomerlin	25	58.22	Andrew M Aviotti	28
4:42.14	Luc S De Castro	20	23.08	Lane J Goedhart	28	■ 100 M. BACKSTROKE			58.85	Alexander Garriga	27
■ 50 M. BUTTERFLY			23.41	Christian A Henry	27	52.99	TONY COX	16	1:00.05	RJ Hemmingsen	28
23.96	RUNAR BORGEN	16	23.61	K von Autenried	25	57.15	Brian Woodbury	27	1:00.61	Aidan Pastel	26
24.43	Emilio A Perez	21	23.63	Michael Foss	26	59.14	A Geiersbach	25	1:01.40	Kyle Simpson	29
25.40	Noah Scheuermann	22	23.79	Brandt Hudson	26	1:01.76	Brandt Hudson	26	1:01.48	Christian Fossum	26
25.46	Peter Brukk	23	23.86	Matthew Cole	25	1:02.54	Nazar Tanovskiy	25	1:01.49	Quinn P Birtles	26
25.51	Reece M Hemmens	24	23.94	Adam D Walters	26	1:03.11	Cory Nguyen	28	■ 200 M. BUTTERFLY		
26.50	Sam J Brennan	20	24.06	James Faull	26	1:03.50	Alexander Garriga	27	2:02.97	DREW MODROV	17
27.00	Jaxon P Kite	23	■ 100 M. FREESTYLE			1:06.74	Matthew Gonzales	28	2:09.37	Aaron W Helander	28
27.01	Pierre A Jaeggi	22	47.43	CESAR CIELO	14	1:06.80	Brett Stoughton	29	2:09.81	Loren Gillilan	25
27.25	Y El-Demerdash	20	50.45	Paul D Huch	27	1:07.39	Christian Fossum	26	2:11.36	Alexander Garriga	27
27.27	Zach T Youssef	22	51.15	David S Murphy	26	1:07.69	N Hubenthal	28	2:14.13	Quinn P Birtles	26
27.42	Marcel Hurtubise	23	52.32	Lane J Goedhart	28	■ 200 M. BACKSTROKE			2:18.24	Seth J Baetzold	28
27.42	Cameron R Fick	21	52.38	Sidney Kao	25	2:01.34	JAN KONARZEWSKI	16	2:24.18	Grant C Casey	28
■ 100 M. BUTTERFLY			52.67	Adam D Walters	26	2:10.35	A Geiersbach	25	2:25.20	Eric T Mueller	29
52.25	EUGENE GODSOE	11	53.29	Colin A Curtin	27	2:16.14	Brian Woodbury	27	2:30.22	Eric Shi	29
54.47	Emilio A Perez	21	53.45	Dayan Ordabayev	28	2:16.91	Cory Nguyen	28	2:33.37	Victor M Huerta	27
57.07	Tom A Lockhart	23	53.68	Michael Foss	26	2:17.71	Kyle Simpson	29	2:39.48	Tomas F Rodriguez	25
57.78	Noah Scheuermann	22	53.80	Alexander Garriga	27	2:22.54	N Hubenthal	28	■ 100 M. INDIVIDUAL MEDLEY		
57.86	Peter Brukk	23	53.97	K von Autenried	25	2:22.63	Andrew M Aviotti	28	52.78	RYAN HELD	21
58.64	Sam J Brennan	20	■ 200 M. FREESTYLE			2:23.32	Nate Duncan	28	56.53	Paul D Huch	27
58.81	Marcel Hurtubise	23	1:44.90	DARIAN TOWNSEND	13	2:23.83	Christian Fossum	26	59.18	Aaron W Helander	28
59.32	Christopher Guidi	21	1:57.72	Rony Daher	25	2:24.03	Matthew Valentine	29	1:00.20	Karl K Sarier	26
1:01.07	Nate Harris	22	2:01.30	A Geiersbach	25	2:27.63	Matthew Gonzales	28	1:00.66	A Gilchrist	26
1:01.65	Pierre A Jaeggi	22	2:01.69	Brian Woodbury	27	■ 50 M. BREASTSTROKE			1:00.94	Alexander Garriga	27
1:02.79	Hayden Jacobs	21	2:02.24	Brandt Hudson	26	27.31	EETU KARVONEN	13	1:01.10	Sivan K Mehta	28
■ 200 M. BUTTERFLY			2:03.47	Evan P Brophy	28	27.64	Benjamin J Cono	27	1:01.47	Steve Fiolic	26
1:59.67	KEVIN MENDOZA	19	2:04.55	Rodolfo Flores	27	29.01	Stephen Husch	27	1:01.87	James Faull	26
2:01.73	Jackson V Odgers	23	2:04.72	Tom Hutchison	28	30.12	M Serrano Laguna	27	1:02.03	Michael Foss	26
2:17.40	Matthew Youngbar	23	2:05.69	Noah G Manera	25	30.26	Andres Cossio	25	1:02.60	Aidan Pastel	26
2:21.80	Marcel Hurtubise	23	2:05.92	Grant C Casey	28	30.38	Christian A Henry	27	■ 200 M. INDIVIDUAL MEDLEY		
2:25.03	M Altman-Kurosaki	23	2:06.84	Nazar Tanovskiy	25	30.55	Alexander Garriga	27	1:59.79	ADAM RITTER	13
2:31.19	Pierre A Jaeggi	22	■ 400 M. FREESTYLE			30.56	David S Murphy	26	2:11.93	Aaron W Helander	28
2:32.19	I Alexandrovich	21	3:52.83	DREW MODROV	18	30.60	Joshua Lefebur	29	2:13.89	M Serrano Laguna	27
2:33.19	Hayden Jacobs	21	4:18.84	A Geiersbach	25	30.75	Matthias McManus	26	2:18.59	Evan P Brophy	28
2:43.52	Alex Ferris	23	4:19.97	Rony Daher	25	31.31	Arin Kiangsiri	25	2:21.11	Aidan Pastel	26
2:48.69	Jacob S Nishimura	24	4:23.88	Evan P Brophy	28	■ 100 M. BREASTSTROKE			2:21.93	Rony Daher	25
3:04.42	Reid A Pezewski	21	4:25.28	Evan Edwards	25	59.21	EETU KARVONEN	13	2:22.08	Daniel Rico	27
■ 100 M. INDIVIDUAL MEDLEY			4:33.59	N Hubenthal	28	1:03.51	Stephen Husch	27	2:22.59	Grant C Casey	28
55.71	EUGENE GODSOE	11	4:34.78	Phillip Goldberg	27	1:06.17	Jae Park	28	2:23.80	Jeremy J Wojtak	27
58.97	Tom A Lockhart	23	4:35.38	Quinn P Birtles	26	1:06.20	M Serrano Laguna	27	2:25.62	Noah Thompson	26
59.04	Jacob Blindenbach	24	4:36.71	Grant C Casey	28	1:07.48	Alexander Garriga	27	2:25.91	Jeremy P Yee	25
59.40	Marko C Zerunyan	22	4:40.98	Noah G Manera	25	1:07.55	Alexander Burnam	25	■ 400 M. INDIVIDUAL MEDLEY		
1:01.21	Cole A Welsh	23	4:41.70	Jeremy J Wojtak	27	1:08.01	Joshua Lefebur	29	4:26.79	JOHN KEPPELER	95
1:01.62	Patrick Yan	20	■ 800 M. FREESTYLE			1:08.35	Matthias McManus	26	4:51.49	Aaron W Helander	28
1:01.67	Timothy Dorje Wu	24	8:14.75	ALEX KOSTICH	97	1:08.55	Bryce Dibadj	28	5:00.53	Brian Woodbury	27
1:01.68	Tengbo Yu	22	9:01.34	Rony Daher	25	1:09.36	Daniel Rico	27	5:06.33	Daniel Rico	27
1:01.86	Nicholas J Soltys	24	9:02.83	Aaron W Helander	28	1:09.81	Arin Kiangsiri	25	5:07.04	Aidan Pastel	26
1:02.63	Jonathan Perrone	22	9:08.18	Evan P Brophy	28	■ 200 M. BREASTSTROKE			5:12.87	Jeremy J Wojtak	27
1:02.66	Marcel Hurtubise	23	9:21.92	Evan Edwards	25	2:07.55	JOSH PRENOT	18	5:15.22	Brett Stoughton	29
■ 200 M. INDIVIDUAL MEDLEY			9:34.65	Seth J Baetzold	28	2:27.81	M Serrano Laguna	27	5:19.16	Seth J Baetzold	28
2:00.32	NICK BRUNELLI	05	9:36.42	Phillip Goldberg	27	2:30.42	Daniel Rico	27	5:34.45	Nick F Sinnenberg	25
2:17.99	Patrick Yan	20	10:30.22	Morgan Fatora	29	2:30.89	Alexander Burnam	25	5:34.70	Dylan C Jones	27
2:18.34	Marko C Zerunyan	22	10:39.24	Martin R Toney	25	2:33.21	Arin Kiangsiri	25	5:36.29	Victor M Huerta	27
2:18.59	Marcel Hurtubise	23	11:34.48	Harrison Andrews	26	2:36.56	Matthias McManus	26			
2:18.61	Kenneth R Chism	23	11:59.28	Carson S Price	29	2:42.65	Noah Thompson	26			
2:24.82	Price J Agnew	24	■ 1500 M. FREESTYLE			2:43.61	Jeremy J Wojtak	27			
2:26.83	I Alexandrovich	21	15:41.81	ALEX KOSTICH	97	2:46.14	Jacob R Robinson	25			
2:32.60	Taras Polakoff	24	17:15.43	Aaron W Helander	28	2:47.55	Collin Hall	29			
2:33.91	Hayden Jacobs	21	17:33.98	Evan Edwards	25	2:49.44	Alex Muni	27	■ 50 M. FREESTYLE		
2:34.57	Zachary Yamanoha	19	17:44.06	Ryan B Rosenbaum	29	■ 50 M. BUTTERFLY			21.91	DARIAN TOWNSEND	16
2:36.72	A Tovar Castillo	24	18:03.37	Seth J Baetzold	28	23.15	RYAN HELD	21	23.24	Ralph Porrazzo	31
■ 400 M. INDIVIDUAL MEDLEY			18:04.38	Matthew Whittle	27	25.33	Loren Gillilan	25	23.47	Tony Cox	33
4:28.54	SERGEY MARINIUK	93	18:15.40	Phillip Goldberg	27	25.50	Nikita Bondarenko	28	23.73	Ruben Gimenez	31
4:56.96	Nate Harris	22	21:58.00	Marshall Hattaway	25	25.58	David S Murphy	26	23.89	Andres Vazquez	30
5:00.92	Matthew Youngbar	23	24:26.21	J Rittenhouse	26	25.70	Matthew Cole	25	24.29	Luke J Strothenke	31
5:14.48	Matthew Howard	24	■ 50 M. BACKSTROKE			25.89	Andrew M Aviotti	28	24.97	Chase J Mesford	33
5:17.23	I Alexandrovich	21	23.70	RYAN HELD	21	25.97	Andres Cossio	25	24.99	Jose De Jesus	30
5:35.66	Hayden Jacobs	21	25.67	Paul D Huch	27	26.12	Sivan K Mehta	28	25.03	Nick Waters	32
6:22.70	Jon P Gouger	24	26.25	Colin A Curtin	27	26.22	Adam D Walters	26	25.08	Aaron A Nicholas	31
6:28.06	Reid A Pezewski	21	26.72	Loren Gillilan	25	26.22	Mark C Franz	26	25.09	Mike Garcia	31
			26.95	Brandt Hudson	26	26.34	Alexander Garriga	27	■ 100 M. FREESTYLE		
			28.19	Patrick A Conaton	27	■ 100 M. BUTTERFLY			48.08	DARIAN TOWNSEND	14
			28.70	RJ Hemmingsen	28	52.45	DARIAN TOWNSEND	13	50.97	Marcos Lavado	32
			29.14	Karl K Sarier	26	54.60	Loren Gillilan	25	52.12	Ralph Porrazzo	31
			29.27	Cory Nguyen	28	56.69	Sidney Kao	25	53.04	Lee D Parrant	30
			29.44	Alexander Garriga	27	57.04	Aaron W Helander	28	53.33	Ruben Gimenez	31
									53.35	Daniel Tan	31
									53.73	Luke J Strothenke	31

#### MEN 25-29

■ 50 M. FREESTYLE		
21.28	RYAN HELD	21
22.76	Paul D Huch	27

#### MEN 30-34

■ 50 M. FREESTYLE		
21.91	DARIAN TOWNSEND	16
23.24	Ralph Porrazzo	31
23.47	Tony Cox	33
23.73	Ruben Gimenez	31
23.89	Andres Vazquez	30
24.29	Luke J Strothenke	31
24.97	Chase J Mesford	33
24.99	Jose De Jesus	30
25.03	Nick Waters	32
25.08	Aaron A Nicholas	31
25.09	Mike Garcia	31
■ 100 M. FREESTYLE		
48.08	DARIAN TOWNSEND	14
50.97	Marcos Lavado	32
52.12	Ralph Porrazzo	31
53.04	Lee D Parrant	30
53.33	Ruben Gimenez	31
53.35	Daniel Tan	31
53.73	Luke J Strothenke	31

55.36 Chase J Mesford	33	2:16.92 Nicolas Morrell	31	■ 100 M. INDIVIDUAL MEDLEY	4:12.64 Michael Dellanoce	39	
55.51 Jose De Jesus	30	2:19.57 Aron C Reynolds	31	53.28 DARIAN TOWNSEND	16	4:37.69 Stanley M Buncher	37
55.93 Luca Manfredi	32	2:20.91 Jason J Singh	34	57.29 Cameron Owen	34	4:42.87 Cejeh J Yung	38
56.57 Aaron A Nicholas	31	2:22.25 Domenick Errico	31	57.29 Brandon J Fischer	34	4:45.84 Dan Fletcher	35
■ 200 M. FREESTYLE		2:28.99 Jorge Agudelo	32	58.49 Ruben Gimenez	31	4:50.00 Sean M Thomas	39
1:46.12 DARIAN TOWNSEND	14	2:33.42 C Stickle	33	58.84 Tony Cox	33	4:51.52 David Lind	37
1:54.58 Cameron Owen	34	2:34.95 Brian Williamson	31	59.31 Ralph Porrazzo	31	4:54.49 Eric R Florio	36
1:57.29 Andres Vazquez	30	2:35.41 Ryan Pope	34	1:02.26 Isaac T McKnight	31	4:54.86 Stephen A Hooper	39
1:59.84 Adil Assouab	31	■ 50 M. BREASTSTROKE		1:03.60 Austin Wilson	33	■ 800 M. FREESTYLE	
2:01.74 Justin L Pasquesi	30	27.15 BRANDON FISCHER	23	1:04.11 Aron C Reynolds	31	8:16.19 ALEX KOSTICH	09
2:03.29 Shane Donovan	30	27.15 Brandon J Fischer	34	1:04.69 Mike Garcia	31	8:19.24 Chad La Tourette	35
2:05.35 Luca Manfredi	32	28.17 S Van Deventer	31	1:04.78 Adam B McNally	32	8:45.08 Juan Ortiz	36
2:05.88 Jonathan T Pierce	30	29.01 Ruben Gimenez	31	■ 200 M. INDIVIDUAL MEDLEY		8:57.41 Michael Dellanoce	39
2:06.57 Hiromasa Fujimori	32	29.61 Uldis Tazans	30	1:56.96 DARIAN TOWNSEND	16	9:18.07 Eddie Switaj	39
2:06.75 Aaron A Nicholas	31	30.07 Jose De Jesus	30	2:04.79 Brandon J Fischer	34	9:39.58 Sean M Thomas	39
2:06.90 Tony W Borr	34	30.62 Marcos Lavado	32	2:05.61 Cameron Owen	34	9:51.29 Dan Fletcher	35
■ 400 M. FREESTYLE		30.99 Mike Garcia	31	2:08.15 Hiromasa Fujimori	32	10:23.55 David Dahl	38
3:53.95 DREW MODROV	19	31.62 Viktor Soldatov	34	2:11.49 S Van Deventer	31	10:27.27 Luca E Pozzi	38
4:13.89 Adil Assouab	31	31.63 Austin Wilson	33	2:15.54 Jon Christensen	33	10:37.21 Audie L McRae	38
4:23.07 Shane Donovan	30	32.19 Adam B McNally	32	2:15.69 Ruben Gimenez	31	10:48.92 Andrew R Sullivan	35
4:25.29 C Stickle	33	■ 100 M. BREASTSTROKE		2:17.85 Justin L Pasquesi	30	■ 1500 M. FREESTYLE	
4:25.30 Chandler Thomas	34	58.64 BRANDON FISCHER	23	2:19.59 Zachary Windle	31	15:41.78 CHAD LA TOURETTE	23
4:25.39 Owen Wurzbacher	32	58.64 Brandon J Fischer	34	2:19.95 Owen Wurzbacher	32	15:41.78 Chad La Tourette	35
4:26.76 Jonathan T Pierce	30	1:01.78 S Van Deventer	31	2:20.88 Shane Donovan	30	16:39.25 Eric T Nilsson	36
4:27.40 Domenick Errico	31	1:04.16 Ruben Gimenez	31	■ 400 M. INDIVIDUAL MEDLEY		16:53.08 Juan Ortiz	36
4:33.48 Tony W Borr	34	1:05.33 Uldis Tazans	30	4:13.68 DARIAN TOWNSEND	15	17:28.69 Eddie Switaj	39
4:36.43 Ethan I Fisher	30	1:06.49 Chandler Thomas	34	4:31.34 Brandon J Fischer	34	18:03.97 Sean M Thomas	39
4:36.57 Jorge Agudelo	32	1:08.60 Jose De Jesus	30	4:56.77 Chandler Thomas	34	19:13.04 Lionel Sanders	35
■ 800 M. FREESTYLE		1:09.89 Mike Garcia	31	4:57.34 Zachary Windle	31	19:14.24 Stephen J Frink	38
8:12.74 DREW MODROV	21	1:10.06 Viktor Soldatov	34	4:58.13 S Van Deventer	31	19:37.95 Phil Narodick	38
9:14.06 Jonathan T Pierce	30	1:10.18 Adam B McNally	32	4:59.76 Shane Donovan	30	20:12.29 Luca E Pozzi	38
9:20.97 C Stickle	33	1:11.47 Nicholas Lumkong	32	5:00.90 A McCollister	31	20:12.53 David Dahl	38
9:25.47 A McCollister	31	■ 200 M. BREASTSTROKE		5:04.29 Ruben Gimenez	31	■ 50 M. BACKSTROKE	
9:36.43 Justin L Pasquesi	30	2:08.12 BRANDON FISCHER	23	5:04.68 C Stickle	33	25.57 DARIAN TOWNSEND	19
9:46.13 Jorge Agudelo	32	2:08.12 Brandon J Fischer	34	5:10.13 Jonathan T Pierce	30	25.64 Michael P Klueh	36
9:59.17 Matt Collingwood	30	2:17.02 S Van Deventer	31	5:19.88 Jeff S Carlson	34	26.89 Alexander Forbes	36
10:02.32 Yuya Terada	33	2:25.24 Cameron Owen	34			27.70 Dan Snyder	39
10:03.58 Aaron Foreman	31	2:27.91 Uldis Tazans	30			28.72 Ian Powell	38
10:25.73 Andrew Adams	33	2:28.05 Ruben Gimenez	31			28.81 Matthew J Rimmer	36
11:20.03 Ryan Callanan	30	2:30.32 Zachary Windle	31			29.26 Sirin Bulakul	35
■ 1500 M. FREESTYLE		2:30.32 Viktor Soldatov	34			29.92 Colin Dueweke	35
15:30.92 CHAD LA TOURETTE	19	2:38.18 Shane Donovan	30	■ 50 M. FREESTYLE		30.14 Michael Dellanoce	39
17:27.25 Jonathan T Pierce	30	2:40.90 A McCollister	31	21.81 ROLAND SCHOEMAN	18	30.62 Andrew J McFee	37
17:38.28 Thomas B Dowley	32	2:43.10 Mike Garcia	31	23.53 Andy Grant	38	31.32 Kevin Hoff	35
17:50.50 C Stickle	33	■ 50 M. BUTTERFLY		23.69 Alexander Forbes	36	■ 100 M. BACKSTROKE	
17:56.15 Justin L Pasquesi	30	24.14 DREW MODROV	19	23.74 Adam J Ritter	36	54.66 DARIAN TOWNSEND	19
18:41.59 Jamie W Clark	32	24.56 Tony Cox	33	23.92 Evan A Boley	36	55.01 Michael P Klueh	36
18:45.18 Jack Calhoun	34	24.83 Brandon J Fischer	34	23.99 Michael P Klueh	36	57.18 Kevin T Nead	38
18:49.10 Arthur Frayler	30	25.21 Ralph Porrazzo	31	24.19 Dan Snyder	39	1:00.62 Dan Snyder	39
18:56.92 Jorge Agudelo	32	26.55 Ruben Gimenez	31	24.43 Sirin Bulakul	35	1:02.42 Alexander Forbes	36
19:02.63 Jeff S Carlson	34	26.74 Chandler Thomas	34	24.89 Dimitri Delazanos	38	1:06.54 Luke Paquin	35
19:19.09 Brandt A Champion	33	26.74 Chandler Thomas	34	25.25 Thomas Tredennick	38	1:07.57 Jesse S Kromprier	35
■ 50 M. BACKSTROKE		27.02 Uldis Tazans	30	25.27 Peter Marchesini	39	1:07.80 Andrew McFee	37
24.75 DARIAN TOWNSEND	16	27.13 Hiromasa Fujimori	32	■ 100 M. FREESTYLE		1:08.54 Kevin Hoff	35
25.04 Tony Cox	33	27.23 Luke J Strothenke	31	47.70 ROLAND SCHOEMAN	18	1:09.41 Eddie J Kim	36
25.44 Ralph Porrazzo	31	27.33 Nick Waters	32	51.30 Andy Grant	38	1:09.90 Samuel Weigley	35
27.22 Adil Assouab	31	27.38 Daniel Tan	31	51.93 Adam J Ritter	38	■ 200 M. BACKSTROKE	
28.33 Aron C Reynolds	31	■ 100 M. BUTTERFLY		53.69 Alexander Forbes	36	1:59.58 KEVIN NEAD	23
28.36 Isaac T McKnight	31	52.44 DARIAN TOWNSEND	16	53.85 Bobby Savulich	36	1:59.58 Kevin T Nead	38
28.93 Rodolfo Escalante	34	54.66 Cameron Owen	34	54.96 Michael Dellanoce	39	2:22.78 A Bezugliy	38
29.47 Adam B McNally	32	54.75 Brandon J Fischer	34	55.34 Sirin Bulakul	35	2:27.86 Nicholas C Knopf	36
30.31 Corban Elliott	30	55.26 Tony Cox	33	56.00 Bryan C Rivera	39	2:30.75 Kevin Hoff	35
30.56 Matt Boone	34	56.74 S Van Deventer	31	56.45 Jeff Enge	35	2:32.80 Jeffrey G Morris	39
30.77 C Stickle	33	59.81 Hiromasa Fujimori	32	57.86 Garrett D Ruhland	35	2:36.79 Kevin R Glenn	37
■ 100 M. BACKSTROKE		1:00.91 Rodolfo Escalante	34	58.60 Bradley Gorter	37	2:38.26 Erik D Petersen	35
52.68 DERYA BUYUKUNCU	09	1:02.25 Zachary Windle	31	■ 200 M. FREESTYLE		2:39.15 Stephen J Frink	38
55.40 Ralph Porrazzo	31	1:02.42 Nicolas Morrell	31	1:51.31 ERIK HOCHSTEIN	03	2:45.15 Jaszver Bauzon	39
56.90 Tony Cox	33	1:02.80 Ben Kosieradzki	31	1:51.99 Andy Grant	38	2:49.67 David Lind	37
57.61 Adil Assouab	31	1:03.14 James Sinclair	30	1:55.92 Eric T Nilsson	36	■ 50 M. BREASTSTROKE	
59.47 Ruben Gimenez	31	■ 200 M. BUTTERFLY		1:56.97 Kevin T Nead	38	26.66 ROLAND SCHOEMAN	18
1:01.47 Aron C Reynolds	31	1:57.41 DARIAN TOWNSEND	16	1:59.43 Michael Dellanoce	39	29.41 Adam J Ritter	38
1:02.14 Isaac T McKnight	31	2:01.48 Cameron Owen	34	2:01.06 A Bezugliy	38	30.07 Keisuke Yagi	37
1:04.10 Jason J Singh	34	2:05.28 Marcos Lavado	32	2:01.50 Adam J Ritter	38	30.55 Dan Snyder	39
1:04.64 Domenick Errico	31	2:15.33 Justin L Pasquesi	30	2:02.65 Bryan C Rivera	39	30.88 Eric P Cullen	37
1:05.01 Jack Shu	31	2:15.60 Rodolfo Escalante	34	2:06.72 C Schildknecht	38	31.41 Benjamin Rigby	35
1:05.70 Adam B McNally	32	2:24.49 Crosby Jurkiewicz	33	2:10.37 Matthew T Zachan	37	32.34 Peter Marchesini	39
■ 200 M. BACKSTROKE		2:24.53 Brian J Tremml	34	2:12.46 Stanley M Buncher	37	32.39 David A Peterson	38
1:55.46 DERYA BUYUKUNCU	09	2:27.85 C Stickle	33	■ 400 M. FREESTYLE		32.47 Adam W Arzner	37
2:05.03 Adil Assouab	31	2:27.85 Nick M Peck	30	3:57.77 ERIK HOCHSTEIN	03	33.38 Jesse R Schmidt	36
2:14.64 Ruben Gimenez	31	2:35.87 Nick M Peck	30	4:07.61 Eric T Nilsson	36	33.46 Bobby Savulich	36
		2:38.03 Zachary Windle	31	4:09.95 Juan Ortiz	36		
		2:38.85 Alex Ekstrom	33				

■ 100 M. BREASTSTROKE	2:26.31	Luke Paquin	35	11:32.90	Jason Rodriguez	44	2:44.68	Eric Zhai	42	
1:00.21 ADAM RITTER	21	2:27.43	Bryan C Rivera	39	11:33.57	Jimmy Song	40	2:51.18	Andy J Nonaka	44
1:04.15 Adam J Ritter	38	2:36.80	Michael Kenny	38	■ 1500 M. FREESTYLE		2:51.28	Luke Bagnaschi	42	
1:05.89 A Bezugliy	38	2:37.50	Andrew McFee	37	16:09.32 MIKE SHAFER	09	2:57.77	Jimmy Song	40	
1:08.41 Dan Snyder	39	■ 400 M. INDIVIDUAL MEDLEY		17:01.52	Juan P Valdivieso	42	3:00.16	Mikel Steinfeld	42	
1:10.55 Benjamin Rigby	35	4:19.79 DARIAN TOWNSEND	19	18:10.35	Patrick S Foley	43	3:08.41	Peter A Bengtsson	44	
1:10.72 David A Peterson	38	4:41.55 Michael Dellanoce	39	18:26.43	Andrew G Ferguson	44	3:16.80	Jared Cavis	42	
1:11.63 Colin Dueweke	35	4:46.39 Juan Ortiz	36	18:54.28	A Manrique	42	3:28.01	Ryan E Berndt	41	
1:13.46 Paul Zaich	37	5:14.71 Jeffrey G Morris	39	19:02.75	Jeffrey Atteberry	42	■ 50 M. BUTTERFLY			
1:14.78 Jesse R Schmidt	36	5:14.83 Cejih J Yung	38	19:11.23	Chad D Holbrook	44	24.91	MICHAEL ROSS	08	
1:15.55 Chris Conroy	38	5:20.13 Luke Paquin	35	19:39.18	Christopher Levin	40	25.52	Brent Creager	44	
1:18.14 Matthew T Zachan	37	5:24.12 Matthew T Zachan	37	19:42.80	Matt Roper	42	25.56	Daniel Lotano	43	
■ 200 M. BREASTSTROKE		5:29.62 Kevin R Glenn	37	20:17.23	Daniel Paglio	41	26.04	C Gibson	40	
2:15.64 STEVE WEST	11	5:49.34 Kevin J George	36	20:18.75	Scott D Thompson	41	26.32	Kevin Doak	42	
2:32.94 A Bezugliy	38	6:25.14 Kitrick Rhodes	37	■ 50 M. BACKSTROKE			26.81	Todd Schwendinger	43	
2:33.64 Dan Snyder	39	6:29.28 Jaszver Bauzon	39	25.53	MICHAEL ROSS	09	26.89	Robert Dmytrow	42	
2:35.21 Adam W Arzner	37			26.22	C Gibson	40	27.07	Michael B Forbes	41	
2:37.67 David A Peterson	38			26.99	Daniel Lotano	43	27.16	Jordan D Proffitt	42	
2:42.86 Jeffrey G Morris	39			27.08	Adam M Mania	40	27.37	Juan P Valdivieso	42	
2:52.81 Kevin L Lai	35			27.77	Michael Gilliam	44	27.50	Kevin J Fisher	40	
3:00.84 Maxim Nabutovsky	35			28.19	Rinaldo Sintjago	41	■ 100 M. BUTTERFLY			
3:05.42 M McLaughlin	38			28.41	Jordan D Proffitt	42	55.53	BRENT CREAGER	23	
3:07.81 Cory A Francis	36	■ 50 M. FREESTYLE		28.49	Julian A Bickell	42	55.53	Brent Creager	44	
3:09.91 Stephen A Hooper	39	23.13 BRIAN JACOBSON	13	30.92	Travis Bartosh	40	57.99	C Gibson	40	
■ 50 M. BUTTERFLY		24.29 Rinaldo Sintjago	41	31.18	Jeremy E Lankford	43	58.18	Jordan D Proffitt	42	
23.12 ROLAND SCHOEMAN	18	24.89 Michael Gilliam	44	32.19	A Manrique	42	58.97	Daniel Lotano	43	
25.77 Alexander Forbes	36	25.00 Todd Schwendinger	43	■ 100 M. BACKSTROKE			1:00.18	Robert Dmytrow	42	
26.40 Andy Grant	38	25.03 Lance Knowles	43	54.85	MICHAEL ROSS	08	1:00.79	Edward D Helfers	41	
26.77 Dan Snyder	39	25.22 Robert Dmytrow	42	59.24	C Gibson	40	1:01.70	Trent Shino	41	
26.87 Sirin Bulakul	35	25.66 Jordan D Proffitt	42	59.69	Daniel Lotano	43	1:01.91	Jacob Swinn	41	
27.00 Bobby Savulich	36	25.66 Eric Druker	40	1:00.04	Michael Gilliam	44	1:02.03	Win Chesson	40	
27.05 Jeffrey A Vivo	37	25.99 P Mikalainis	42	1:06.72	M Fuzellier	43	1:04.08	Gabriel Costa	43	
27.50 Colin Dueweke	35	■ 100 M. FREESTYLE		1:07.24	Travis Bartosh	40	■ 200 M. BUTTERFLY			
27.70 Garrett M Opp	35	50.43	MICHAEL ROSS	08	1:07.38	Edward D Helfers	2:02.97	WILLIAM SPECHT	98	
27.82 Estebe Salgado	39	53.33	Adam M Mania	40	1:07.71	Patrick M Barrett	2:06.04	Brent Creager	44	
27.90 Jesse S Kromprier	35	53.38	Daniel Lotano	43	1:09.29	Matt Roper	2:08.67	Nick Bott	41	
■ 100 M. BUTTERFLY		54.45	Rinaldo Sintjago	41	1:09.97	Chad D Holbrook	2:18.29	Juan P Valdivieso	42	
54.27	IGOR MARCHENKO	54.60	Robert Dmytrow	42	1:10.96	Reed Steele	2:19.02	Robert Dmytrow	42	
57.65	Michael P Klueh	54.96	Michael Gilliam	44	■ 200 M. BACKSTROKE		2:30.09	Benjamin C Phipps	44	
58.67	Alexander Forbes	55.99	Michael B Forbes	41	2:03.84	MICHAEL ROSS	08	2:33.12	Joseph A Neikirck	43
1:02.43	Jeffrey A Vivo	56.68	Lance Knowles	43	2:12.05	C Gibson	40	2:37.29	Matthew F Regan	43
1:03.10	Mark Barham	56.71	Eric Druker	40	2:21.25	Jordan D Proffitt	42	2:39.61	Jeffrey Atteberry	42
1:03.12	Sean M Hannan	56.81	Juan P Valdivieso	42	2:27.24	Matt Roper	42	2:43.76	Nathan Janos	43
1:03.46	Robert Pedersen	58.24	A Manrique	42	2:29.55	Robert M Tiernan	40	4:39.69	John Hickey	42
1:03.89	Estebe Salgado	■ 200 M. FREESTYLE		2:30.18	Chad D Holbrook	44	■ 100 M. INDIVIDUAL MEDLEY			
1:04.35	Erik D Petersen	1:50.08	MICHAEL ROSS	08	2:31.36	Brendan G Griffin	57.19	JEFF COMMINGS	14	
1:04.44	Matthew E O'Neal	1:59.63	Robert Dmytrow	42	2:32.00	Patrick M Barrett	59.68	Jordan D Proffitt	42	
1:04.76	Matthew T Zachan	2:01.19	Rinaldo Sintjago	41	2:32.42	David B Schnell	1:00.89	C Gibson	40	
■ 200 M. BUTTERFLY		2:02.90	Todd Schwendinger	43	2:33.00	Travis Bartosh	40	1:01.09	Daniel Lotano	43
2:02.98	BRENT CREAGER	2:03.36	Edward D Helfers	41	2:37.69	Greg Koch	41	1:03.79	William R Kloppe	43
2:07.41	Eric T Nilsson	2:04.89	William R Kloppe	43	■ 50 M. BREASTSTROKE		1:03.79	Travis S Howard	42	
2:24.82	Benjamin Schick	2:05.55	Win Chesson	40	27.05	ROLAND SCHOEMAN	23	1:04.16	Edward D Helfers	41
2:27.13	Robert Pedersen	2:05.86	David Hildebrand	42	27.05	Roland M Schoeman	43	1:04.42	Kevin Doak	42
2:27.23	Jeffrey G Morris	2:07.39	A Manrique	42	31.95	Jordan D Proffitt	42	1:05.23	Srdan Markovic	40
2:29.20	Kevin R Glenn	2:08.58	Scott Thompson	41	32.44	Josh Terrell	40	1:06.99	A Manrique	42
2:40.55	Stephen A Hooper	2:08.89	Kevin Mendenhall	40	32.49	Trent Shino	41	1:07.09	Eric Druker	40
2:57.79	Rex L Chien	■ 400 M. FREESTYLE		32.59	William R Kloppe	43	■ 200 M. INDIVIDUAL MEDLEY			
3:54.16	Rob Duguay	4:01.32	ERIK HOCHSTEIN	09	33.32	Srdan Markovic	40	2:03.45	MARKUS ROGAN	22
■ 100 M. INDIVIDUAL MEDLEY		4:01.66	Markus A Rogan	41	33.38	Robert B Andrews	42	2:20.71	Trent Shino	41
54.91	DARIAN TOWNSEND	4:27.12	Patrick S Foley	43	33.64	Lance Knowles	43	2:21.35	William R Kloppe	43
57.79	Adam J Ritter	4:29.22	David Hildebrand	42	34.23	Mike P Moran	43	2:22.64	Jordan D Proffitt	42
59.48	Andy Grant	4:30.96	Win Chesson	40	34.23	Andy J Nonaka	44	2:24.07	Win Chesson	40
1:00.00	A Bezugliy	4:33.89	William R Kloppe	43	■ 100 M. BREASTSTROKE		2:27.23	Eric Zhai	42	
1:00.49	Alexander Forbes	4:35.69	A Manrique	42	1:01.42	STEVE WEST	14	2:27.57	David Hildebrand	42
1:00.64	Dan Snyder	4:36.46	Kevin Mendenhall	40	1:06.40	A Znachowski	44	2:28.07	Jonathan D Wildi	40
1:01.04	Eric T Nilsson	4:42.46	Robert M Tiernan	40	1:07.99	Travis S Howard	42	2:28.39	Andy Fillmore	41
1:01.21	Michael Dellanoce	4:43.30	John Bennett	44	1:11.40	Edward D Helfers	41	2:31.99	Joseph A Neikirck	43
1:03.38	Colin Dueweke	4:45.51	David B Schnell	42	1:11.88	Kan Guvensel	43	2:32.56	Benjamin C Phipps	44
1:04.67	C Schildknecht	■ 800 M. FREESTYLE		1:14.95	John Bennett	44	■ 400 M. INDIVIDUAL MEDLEY			
1:04.85	Luke Paquin	8:21.78	ALEX KOSTICH	11	1:15.50	Srdan Markovic	40	4:22.29	MARKUS ROGAN	23
■ 200 M. INDIVIDUAL MEDLEY		9:57.27	Jeffrey Atteberry	42	1:16.23	Jonathan D Wildi	40	4:22.29	Markus A Rogan	41
1:59.85	DARIAN TOWNSEND	10:12.55	Chad D Holbrook	44	1:17.65	Andy J Nonaka	44	4:45.68	Nick Bott	41
2:11.39	Eric T Nilsson	10:15.52	A Manrique	42	1:17.83	David E Whitbeck	41	4:58.12	Win Chesson	40
2:12.09	A Bezugliy	10:23.90	Jordan D Proffitt	42	1:17.93	C Debnam	42	5:08.15	William R Kloppe	43
2:12.20	Michael Dellanoce	10:26.53	Brendan G Griffin	40	■ 200 M. BREASTSTROKE		5:14.75	David Hildebrand	42	
2:20.37	Dan Snyder	10:30.65	Matt Roper	42	2:13.72	STEVE WEST	14	5:20.19	Andy Fillmore	41
2:22.92	Sean M Hannan	10:41.38	Mike P Moran	43	2:33.32	Trent Shino	41	5:25.87	A Manrique	42
2:26.00	Jeffrey G Morris	11:07.94	Robert Fisch	44	2:37.12	Kan Guvensel	43	5:27.08	Christopher Rupp	43

5:29.49	Joseph A Neikirk	43	28.03	Matthew Ulrickson	45	28.56	Kevin R Quinn	48	56.96	Sandro Herek	54
5:29.66	Jeffrey Atteberry	42	29.29	David E Bell	48	■ 100 M. BUTTERFLY			57.03	David M Sumner	53
			30.49	Benjamin Lo-Pinto	47	57.00	CHUCK BARNES	22	57.31	Ronald D Scott	52
	<b>MEN 45-49</b>		30.64	Jay M Wolberg	47	59.99	Matthew J Mills	46	57.93	Jose C deSouza	52
■ 50 M. FREESTYLE			31.23	Byron Shefchik	49	1:01.98	Joshua Schwartz	46	58.52	Kent A Anderson	51
23.58	SIPHWE BALEKA	16	31.27	Ido Meron	48	1:04.66	Steven T Gold	46	58.66	Matt Goodrich	52
24.44	Chuck Barnes	47	31.43	D Mastracchio	49	1:06.21	Darryl D Stich	48	58.77	Morten Andersen	53
25.22	Kevin R Quinn	48	31.93	Edward M Clissold	49	1:06.66	Marc A Valle	49	58.95	Hernan C Vespa	53
25.36	Matthew J Mills	46	32.15	Chris Plankey II	45	1:08.03	Johnny Ivanyi	45	■ 200 M. FREESTYLE		
25.58	D Mastracchio	49	■ 100 M. BACKSTROKE			1:08.37	Gregory Bird	46	1:54.61	ROWDY GAINES	11
25.79	Joseph Novak	46	57.00	CHRIS STEVENSON	09	1:09.08	J Streatfeild	45	2:06.06	Sandro Herek	54
26.22	Niclas K Ohman	49	59.00	Jeff Commings	49	1:09.85	Chris Plankey II	45	2:11.04	Anthony S Higgins	54
26.29	Barry A Garland	45	1:00.95	Matthew Ulrickson	45	1:10.41	John R Decker	49	2:11.79	Morten Andersen	53
26.32	Jeffrey Peterson	45	1:04.89	Benjamin Lo-Pinto	47	■ 200 M. BUTTERFLY			2:12.29	Christopher Beach	54
26.45	Jay M Wolberg	47	1:06.06	David E Bell	48	2:06.40	DENNIS BAKER	06	2:12.53	Brad Winsor	52
26.49	Ryan P Ruddy	47	1:07.56	Byron Shefchik	49	2:20.12	Joshua Schwartz	46	2:13.27	Matt Keller	54
■ 100 M. FREESTYLE			1:07.61	Chris Plankey II	45	2:26.29	Byron Shefchik	49	2:14.49	Eduard Tiozzo	50
52.54	PAUL SMITH	07	1:08.89	Craig SineI	49	2:26.37	Jeffrey B Halbert	49	2:14.72	Kent A Anderson	51
55.77	Matthew J Mills	46	1:09.46	David A Popko	46	2:35.32	John R Decker	49	2:16.42	Peter T Lillehei	51
56.09	Kevin R Quinn	48	1:09.56	Christopher Ramey	47	2:43.99	Thomas J Dion	45	2:16.49	Ronald D Scott	52
56.94	Chuck Barnes	47	1:11.57	Michael SchwegeI	47	2:51.99	Tarek A El Dokor	48	■ 400 M. FREESTYLE		
57.69	Joshua Schwartz	46	■ 200 M. BACKSTROKE			2:52.54	Chris Plankey II	45	4:07.99	JIM MCCONICA	00
58.07	Niclas K Ohman	49	2:05.54	CHRIS STEVENSON	09	2:54.16	Dana E Adkins	46	4:28.03	Brad M Shenfeld	52
58.38	D Mastracchio	49	2:05.64	Chuck Barnes	47	2:59.27	Orin Bentley	46	4:36.73	Matt Keller	54
58.68	Byron Shefchik	49	2:18.65	Diego A de Acosta	48	3:00.42	Emil Kalinowski	45	4:42.43	Brad Winsor	52
59.33	Darryl D Stich	48	2:29.36	Jay M Wolberg	47	■ 100 M. INDIVIDUAL MEDLEY			4:44.08	Chris N Dainiak	52
59.80	Bradley Kirschner	49	2:30.43	Ido Meron	48	58.18	JEFF COMMINGS	21	4:45.76	Douglas A O'Brien	54
59.89	Martin J Torres	46	2:31.08	Craig SineI	49	59.58	Jeff Commings	49	4:51.91	William Markovitz	51
■ 200 M. FREESTYLE			2:31.97	David A Popko	46	1:04.17	Matthew J Mills	46	4:53.29	Mark S Rubacky	54
1:56.00	PAUL SMITH	07	2:32.76	Edward M Clissold	49	1:05.39	David E Bell	48	4:57.40	Rosales-Delmoral	50
1:56.63	Chuck Barnes	47	2:33.32	Chris Plankey II	45	1:05.79	Ryan P Ruddy	47	4:57.55	RJ Hermanet	53
2:03.08	Curt Wood	45	2:36.93	Thomas J Dion	45	1:07.29	D Mastracchio	49	4:57.63	Phillip C Luebke	52
2:07.64	Joshua Schwartz	46	2:37.51	Ned B Lovell	49	1:07.42	Steven T Gold	46	■ 800 M. FREESTYLE		
2:10.54	Byron Shefchik	49	■ 50 M. BREASTSTROKE			1:08.31	Kevin R Quinn	48	8:44.51	JIM MCCONICA	00
2:10.64	David A Popko	46	28.64	JEFF COMMINGS	23	1:08.32	Craig SineI	49	9:06.63	Brad M Shenfeld	52
2:10.69	Thomas J Dion	45	28.64	Jeff Commings	49	1:08.41	Bryan McFarland	47	9:17.08	Kurt Grote	50
2:13.25	Ramon Valle	47	29.99	Barry A Garland	45	1:08.59	Joseph Novak	46	9:54.99	Matt Keller	54
2:13.33	Jonathan Flakoll	49	31.49	Ryan P Ruddy	47	■ 200 M. INDIVIDUAL MEDLEY			9:56.53	Brad Winsor	52
2:13.70	Scott Speedman	48	31.79	Steven T Gold	46	2:09.71	JEROME FRENTSOS	10	10:02.08	Mark S Rubacky	54
2:13.95	Bradley Kirschner	49	32.77	Bradford Houchins	45	2:11.92	JEFF COMMINGS	49	10:24.66	Nathan Ascher	52
■ 400 M. FREESTYLE			33.16	Keith Hill	49	2:24.90	C Asarta Pedraza	45	10:30.98	M Ahmad-Kashani	51
4:09.19	KEITH SWITZER	09	33.34	D Mastracchio	49	2:28.37	John Rocco Aversa	48	10:51.37	Dave Bartels	52
4:32.40	Diego A de Acosta	48	33.59	Harry J Ein	45	2:28.60	Craig SineI	49	10:52.75	Michael J Gemelli	53
4:32.92	Curt Wood	45	33.98	Kevin R Quinn	48	2:31.68	Steven T Gold	46	10:56.45	Phillip C Luebke	52
4:35.68	Thomas J Dion	45	34.03	J Armstrong	48	2:31.97	Jonathan Flakoll	49	■ 1500 M. FREESTYLE		
4:35.74	David D Galluzzi	49	■ 100 M. BREASTSTROKE			2:32.00	Chris Plankey II	45	16:33.02	JIM MCCONICA	00
4:36.50	John Rocco Aversa	48	1:02.22	STEVE WEST	18	2:32.59	David A Popko	46	17:16.74	Brad M Shenfeld	52
4:40.46	David A Popko	46	1:04.23	Jeff Commings	49	2:32.89	John R Decker	49	17:22.68	Kurt Grote	50
4:42.03	Matthew J Mills	46	1:05.39	Barry A Garland	45	2:33.58	Ido Meron	48	18:38.97	Matt Keller	54
4:44.89	Craig SineI	49	1:07.79	Curt Wood	45	■ 400 M. INDIVIDUAL MEDLEY			18:42.83	Brad Winsor	52
4:45.24	Brian H Kirkvold	46	1:09.89	Ryan P Ruddy	47	4:43.64	JEROME FRENTSOS	10	18:46.78	Douglas A O'Brien	54
4:45.46	Scott Speedman	48	1:10.20	Brian V Powers	49	5:05.05	Byron Shefchik	49	18:51.55	Mark S Rubacky	54
■ 800 M. FREESTYLE			1:11.39	Keith Hill	49	5:11.33	Jeffrey B Halbert	49	19:03.47	Kevin L Jeffery	52
8:41.60	RICARDO VALDIVIA	13	1:11.53	Byron Shefchik	49	5:12.67	C Asarta Pedraza	45	19:43.96	RJ Hermanet	53
9:24.44	Diego A de Acosta	48	1:12.67	Steven T Gold	46	5:24.66	Craig SineI	49	19:55.44	Phillip C Luebke	52
9:39.01	Thomas J Dion	45	1:14.82	Bradford Houchins	45	5:25.97	David A Popko	46	20:00.44	Rodrigo Rojas	51
9:39.14	David A Popko	46	1:16.24	WonKee Moon	49	5:27.22	Steven T Gold	46	■ 50 M. BACKSTROKE		
9:43.03	John Rocco Aversa	48	■ 200 M. BREASTSTROKE			5:27.63	Thomas J Dion	45	26.69	FRITZ BEDFORD	15
9:45.02	Brian H Kirkvold	46	2:15.45	STEVE WEST	18	5:30.04	John R Decker	49	26.83	Peter S Moore	51
10:09.36	Steven T Gold	46	2:26.34	Byron Shefchik	49	5:33.27	Chris Plankey II	45	27.51	William Weaver	51
10:15.10	Matthew R West	48	2:33.46	Curt Wood	45	5:41.16	James A Adams	46	29.58	Greg Rees	54
10:23.25	James A Adams	46	2:34.02	Brian V Powers	49				30.67	David M Sumner	53
10:27.98	Brock Sheela	49	2:36.39	Keith Hill	49	<b>MEN 50-54</b>			30.79	Christopher Beach	54
10:40.14	Emil Kalinowski	45	2:47.49	J Armstrong	48	■ 50 M. FREESTYLE			31.09	John P Robertson	52
■ 1500 M. FREESTYLE			2:50.21	Steven T Gold	46	23.38	ROWDY GAINES	09	31.44	Eduard Tiozzo	50
16:37.25	KEITH SWITZER	11	2:53.49	Kevin McCluskey	45	24.18	Peter S Moore	51	32.27	Chad Mirt	50
17:52.05	Diego A de Acosta	48	2:55.18	Brock Sheela	49	25.07	Brian L Jacobson	50	32.73	Sean R Larson	54
18:24.85	David A Popko	46	2:57.09	John R Decker	49	25.29	Jeremy Gross	52	33.36	Martin Armstrong	53
18:25.01	David D Galluzzi	49	2:57.46	Brad Cota	48	25.67	V Krasnykov	50	■ 100 M. BACKSTROKE		
18:30.28	Thomas J Dion	45	■ 50 M. BUTTERFLY			25.71	David M Sumner	53	58.47	FRITZ BEDFORD	15
18:31.81	John Rocco Aversa	48	25.44	CHUCK BARNES	22	25.79	Ronald D Scott	52	1:00.59	William Weaver	51
19:17.68	Jari Salomaa	45	26.88	Matthew Ulrickson	45	25.89	David M Scott	51	1:05.36	Anthony S Higgins	54
19:21.90	Matthew R West	48	27.56	Roberto E Delgado	48	25.93	Scott M Hubbard	51	1:06.60	Jose C deSouza	52
19:31.60	Kevin H Donlon	45	27.78	Joseph Novak	46	26.17	Sandro Herek	54	1:07.93	John P Robertson	52
19:35.58	K Sarrigeorgidis	49	27.81	D Mastracchio	49	26.52	Greg Rees	54	1:07.99	Christopher Beach	54
20:06.64	Brock Sheela	49	27.92	J Iwaszkowicz	47	26.55	Cliff F Blaze	53	1:10.17	Chad Mirt	50
■ 50 M. BACKSTROKE			28.02	Joshua Schwartz	46	■ 100 M. FREESTYLE			1:10.27	Kelly S Karren	50
27.02	CHRIS STEVENSON	09	28.12	Byron Shefchik	49	51.61	ROWDY GAINES	09	1:11.18	Sean R Larson	54
27.01	Chuck Barnes	47NV	28.17	David E Bell	48	56.20	Kurt Grote	50	1:12.86	Michael C Dix	52
			28.48	Steven T Gold	46	56.88	Jeremy Gross	52	1:13.67	Bryce Maxwell	52



■ 200 M. BACKSTROKE	2:39.83 Brad Winsor	52	2:11.26 Bob Baldocchi	55	■ 50 M. BREASTSTROKE	30.37 DAVID GUTHRIE	16
2:11.84 JAMIE FOWLER	09	2:41.07 Nathan Ascher	52	2:11.49 Richard Patino	57	31.57 Neill Williams	55
2:19.03 Kurt Grote	50	2:43.22 Phillip C Luebke	52	2:11.73 Fred L Schuster	59	32.45 Brian D Strate	56
2:21.02 Anthony S Higgins	54	2:45.45 Charles C Stevens	54	2:12.74 Carr Phillips	58	33.15 Sean P Frampton	57
2:28.91 Christopher Beach	54	2:50.29 Douglas A O'Brien	54	■ 400 M. FREESTYLE		33.94 Mark D Fleming	59
2:36.79 Sean R Larson	54	2:54.04 Mathew S Wuchte	53	4:16.03 MICHAEL MANN	09	34.66 James G Luebbe	56
2:37.27 Chris N Dainiak	52	■ 100 M. INDIVIDUAL MEDLEY		4:25.79 Kurt Dickson	56	35.31 Scot A Sullivan	57
2:42.46 Geoffrey Schaefer	50	1:00.57 SCOTT HEBER	16	4:33.64 Daniel Jorgensen	55	35.66 Vladimir Pletnev	55
2:43.59 Nathan Ascher	52	1:00.86 William Weaver	51	4:35.94 Scot A Sullivan	57	35.80 Doug J Koehler	57
2:43.68 Douglas A O'Brien	54	1:03.00 Kurt Grote	50	4:38.06 Brad Jones	57	35.89 Terry Livingston	56
2:47.24 Bryce Maxell	52	1:03.17 Peter S Moore	51	4:42.82 Fred L Schuster	59	36.35 Jeffrey P Evans	57
2:50.14 Mark Palace	50	1:03.90 Jeffrey Roddin	54	4:43.67 Bob Baldocchi	55	■ 100 M. BREASTSTROKE	
■ 50 M. BREASTSTROKE		1:05.79 Matt Goodrich	52	4:44.17 Kenton R Jones	56	1:06.80 DAVID GUTHRIE	16
28.80 STEVE WEST	23	1:06.49 Eduard Tiozzo	50	4:48.64 Marshall Campbell	58	1:10.14 Neill Williams	55
28.80 Steve West	51	1:06.92 Morten Andersen	53	4:58.10 James M Wise	58	1:13.03 Brian D Strate	56
30.86 David B Dunson	51	1:07.10 Ronald D Scott	52	■ 800 M. FREESTYLE		1:13.87 Sean P Frampton	57
32.99 Brian L Jacobson	50	1:08.02 Jens Kristensen	50	8:51.34 MICHAEL MANN	09	1:16.44 Mark D Fleming	59
33.50 Gary Sangmeister	52	1:09.19 Andy Kroupa	54	9:19.90 Kurt Dickson	56	1:17.52 Doug J Koehler	57
33.89 David M Sumner	53	■ 200 M. INDIVIDUAL MEDLEY		9:26.32 Daniel Jorgensen	55	1:17.67 Scot A Sullivan	57
34.31 Chad L Steed	52	2:12.85 JEROME FRENTSOS	15	9:27.67 Mike G Shaffer	58	1:18.43 Brian J McHale	57
34.35 Gustavo Sandi	51	2:13.18 Kurt Grote	50	9:46.01 Kenton R Jones	56	1:18.99 Terry Livingston	56
35.30 C.J. Rushman	52	2:21.95 Abraham E Solano	54	9:47.96 Scot A Sullivan	57	1:19.16 Anthony A Kung	57
35.69 Darren W Gorman	52	2:22.58 Jeffrey Roddin	54	9:48.06 Mark A Magee	55	1:20.02 Carlo Waldfried	55
35.99 Mark Palace	50	2:23.70 Jose C deSouza	52	9:48.18 Fred L Schuster	59	■ 200 M. BREASTSTROKE	
■ 100 M. BREASTSTROKE		2:26.57 Morten Andersen	53	9:54.11 Michael D Collins	57	2:27.00 DAVID GUTHRIE	15
1:03.76 STEVE WEST	23	2:28.88 Brad M Shenfeld	52	10:04.26 Marshall Campbell	58	2:47.05 Sean P Frampton	57
1:03.76 Steve West	51	2:30.81 Eduard Tiozzo	50	10:06.85 James J Tobin	57	2:48.88 Mark A Magee	55
1:07.09 Kurt Grote	50	2:35.38 Michael C Dix	52	■ 1500 M. FREESTYLE		2:49.00 Scot A Sullivan	57
1:09.91 David B Dunson	51	2:35.55 Nathan Ascher	52	17:14.15 JIM MC CONICA	05	2:52.32 Emad H Elshafei	57
1:10.36 Abraham E Solano	54	2:40.75 Mark Carroll	51	17:24.62 Barton S Wells	56	2:55.10 Anthony A Kung	57
1:14.13 David M Sumner	53	■ 400 M. INDIVIDUAL MEDLEY		18:00.07 Kurt Dickson	56	2:55.17 David J Scott	57
1:15.96 Brad M Shenfeld	52	4:45.15 JEROME FRENTSOS	15	18:04.31 Mike G Shaffer	58	2:55.25 Carlo Waldfried	55
1:15.99 Ryan J Lee	51	4:49.43 Kurt Grote	50	18:27.79 Daniel Jorgensen	55	2:55.93 Michael D Collins	57
1:16.95 Robin Sherwood	51	5:14.02 Brad M Shenfeld	52	18:46.36 Kenton R Jones	56	2:58.34 Mark D Fleming	59
1:17.75 Gary Sangmeister	52	5:18.40 Kevin Doherty	50	18:49.34 Scot A Sullivan	57	3:01.52 Charles Cockrell	55
1:17.80 RJ Hermanet	53	5:21.38 Morten Andersen	53	18:56.00 Michael D Collins	57	■ 50 M. BUTTERFLY	
■ 200 M. BREASTSTROKE		5:33.31 Andy Kroupa	54	19:03.12 Dave Holland	56	26.43 STEVE HILTABIDDLE	21
2:21.65 DAVID GUTHRIE	13	5:34.09 Nathan Ascher	52	19:06.17 Marshall Campbell	58	27.64 Steve Hiltabiddle	57
2:32.58 Abraham E Solano	54	5:34.28 Douglas A O'Brien	54	19:20.07 Todd E Arris	58	28.04 Neill Williams	55
2:42.15 Kevin Doherty	50	5:42.19 Chad L Steed	52	■ 50 M. BACKSTROKE		28.38 Amon S Emeka	55
2:48.02 David B Dunson	51	5:49.25 Mark S Rubackey	54	27.62 STEVE WOOD	15	28.95 Brad Jones	57
2:53.46 Nathan Ascher	52	5:49.91 Jens Kristensen	50	29.83 Neill Williams	55	29.10 Bryan S Malas	56
2:53.54 Ryan J Lee	51			30.28 Bryan S Malas	56	29.30 Evan F Ekman	59
2:56.65 Michael Leymaster	51			31.24 Jeffrey P Evans	57	29.35 Carr Phillips	58
2:58.12 Bryce Maxell	52			31.26 Steve Hiltabiddle	57	29.43 Michael Power	55
2:58.84 Andy Kroupa	54			31.38 Scot A Sullivan	57	29.44 Fred L Schuster	59
2:59.27 C.J. Rushman	52			31.50 Carr Phillips	58	29.48 Ross Breitenbach	55
3:01.42 Mark Palace	50			31.79 Kurt Dickson	56	■ 100 M. BUTTERFLY	
■ 50 M. BUTTERFLY				31.91 Mike G Shaffer	58	1:00.10 DAVID SIMS	17
25.74 STEVE HILTABIDDLE	18			32.27 Michael J Boosin	57	1:02.40 Steve Hiltabiddle	57
26.12 William Weaver	51			32.39 Jose J Faria	57	1:04.53 Brad Jones	57
26.84 Jeremy Gross	52			32.39 Matthew N Biondi	58	1:04.72 Richard Patino	57
26.92 Peter S Moore	51			■ 100 M. BACKSTROKE		1:05.89 Mike G Shaffer	58
26.97 David M Sumner	53			1:00.78 FRITZ BEDFORD	18	1:05.95 John H McComish	57
27.33 Ronald D Scott	52			1:05.53 Kurt Dickson	56	1:06.00 Sean P Frampton	57
27.79 Greg Rees	54			1:05.60 Ed P Wardian	57	1:06.19 Stuart I Cromarty	59
28.07 Charles C Stevens	54			1:06.16 Neill Williams	55	1:06.83 Fred L Schuster	59
28.12 Jose C deSouza	52			1:06.46 Jerome A Frentsos	58	1:07.56 Dave Holland	56
28.33 V Krasnykov	50			1:07.83 Scot A Sullivan	57	1:08.12 Carlo Waldfried	55
28.37 Scott M Hubbard	51			1:07.89 Jeffrey P Evans	57	■ 200 M. BUTTERFLY	
■ 100 M. BUTTERFLY				1:08.08 Mike G Shaffer	58	2:16.86 DAVID SIMS	17
57.29 PAUL CARTER	07			1:08.28 Carr Phillips	58	2:27.20 Mark A Magee	55
57.94 William Weaver	51			1:10.16 Emad H Elshafei	57	2:27.99 Mike G Shaffer	58
1:01.45 Jeffrey Roddin	54			1:11.19 Hector Chao	59	2:31.26 Kurt Dickson	56
1:02.05 David M Sumner	53			■ 200 M. BACKSTROKE		2:35.39 James J Tobin	57
1:02.25 Jeremy Gross	52			2:15.37 LEN GUSHE	18	2:35.59 Dave Holland	56
1:02.48 Ronald D Scott	52			2:19.51 Kurt Dickson	56	2:37.36 Fred L Schuster	59
1:05.16 Morten Andersen	53			2:28.48 Scot A Sullivan	57	2:42.56 Michael B Doyle	59
1:05.16 Michael C Dix	52			2:35.93 Carr Phillips	58	2:44.93 Frederick Dever	58
1:05.64 Matt Goodrich	52			2:37.69 Hector Chao	59	2:46.38 Dan Borton	55
1:06.46 Peter S Moore	51			2:39.12 Jeffrey P Evans	57	2:46.96 Mark W Brandt	57
1:08.14 Brad Winsor	52			2:40.40 Trent Theroux	56	■ 100 M. INDIVIDUAL MEDLEY	
■ 200 M. BUTTERFLY				2:43.14 Dan Borton	55	1:00.75 MIKE IRVIN	23
2:10.52 MIKE SHAFFER	16			2:44.35 Michael D Collins	57	1:00.75 Mike Irvin	56
2:21.47 Michael C Dix	52			2:44.86 Eric W Czander	58	1:04.02 Neill Williams	55
2:25.16 Abraham E Solano	54			2:46.53 Stratton Smith	59	1:05.74 Jerome A Frentsos	58
2:31.50 Chad L Steed	52					1:06.32 Scot A Sullivan	57
2:37.25 Ronald D Scott	52						

1:07.06	Amon S Emeka	55	5:13.46	Robert E Adams	61	1:20.51	Thomas S Taylor	64	5:52.76	Karl L Edgerton	61
1:07.50	Steve Hiltabiddle	57	■ 800 M. FREESTYLE			1:20.96	Paul Frentsos	62	5:54.99	Patrick M Duggan	60
1:07.89	Richard Patino	57	9:14.50	ANDREW BRAY	18	1:21.31	Dave Evans	62	5:55.77	Tom T Nootbaar	60
1:08.77	Mark A Magee	55	9:44.35	Craig M Nadel	62	1:21.96	Richard K Howell	64	5:56.25	David Hathaway	63
1:08.85	Brian D Strate	56	10:00.24	Tore Blichfeldt	60	1:22.11	Thomas Herringer	62	6:03.70	Thomas M Grisa	61
1:09.16	Michael Power	55	10:11.20	David Hathaway	63	■ 200 M. BREASTSTROKE			6:07.37	Jim Matysek	64
■ 200 M. INDIVIDUAL MEDLEY			10:12.56	Tito Morales	64	2:32.34	DAVID GUTHRIE	21	6:35.68	Algernon J Keith	63
2:14.60	JEROME FRENTSOS	20	10:27.52	Eric R Anderson	60	2:35.61	David Guthrie	63	6:41.03	Steven Heaney	60
2:25.65	Jerome A Frentsos	58	10:29.25	John C Moore	61	2:51.40	Tryggvi Helgason	60	6:42.55	William P Doupe	61
2:27.10	Mark A Magee	55	10:40.41	M Schuldinger	62	2:53.54	Tito Morales	64			
2:29.63	Amon S Emeka	55	10:45.15	Michael Notaro	61	2:54.52	Michael Aubrey	62			
2:30.55	Scot A Sullivan	57	10:46.79	Robert E Adams	61	2:57.57	Jim Matysek	64			
2:30.85	Kurt Dickson	56	11:07.53	John J Reinartz	60	2:57.61	Paul Frentsos	62			
2:32.82	Marshall Campbell	58	■ 1500 M. FREESTYLE			3:01.84	Dave Evans	62			
2:33.01	Jose J Faria	57	17:34.51	ARNALDO PEREZ	22	3:03.49	Mark A Johnston	63			
2:33.31	Carlo Waldfried	55	19:39.44	David Hathaway	63	3:05.11	Richard K Howell	64			
2:34.93	Hector Chao	59	19:49.69	John C Moore	61	3:06.31	Patrick M Duggan	60			
2:35.83	Stuart I Cromarty	59	19:50.46	David Spitzler	60	■ 50 M. BUTTERFLY					
■ 400 M. INDIVIDUAL MEDLEY			20:02.08	Michael R Notaro	61	27.40	BRUCE KONE	19			
4:51.97	MICHAEL MANN	09	20:02.80	Mark A Johnston	63	29.00	Kenneth W Tittle	60	■ 50 M. FREESTYLE		
5:12.66	Mark A Magee	55	20:04.87	Robert E Adams	61	29.13	Steven V Ennis	60	25.42	DOUG MARTIN	18
5:18.05	Mike G Shaffer	58	20:06.96	Daniel C Smith	61	29.30	Jon Boone	60	26.77	Bruce C Kone	65
5:23.53	Kurt Dickson	56	20:49.73	John J Reinartz	60	29.30	Jerry M Kollross	61	27.16	Dan Stephenson	66
5:25.94	Dave Holland	56	20:59.07	M Schuldinger	62	29.43	Mark J Steinhafel	62	27.33	Bruce Young	66
5:33.60	Scot A Sullivan	57	21:11.76	Jon Boone	60	30.09	Thomas S Taylor	64	27.44	Gregory L Oxley	65
5:39.47	Dan Borton	55	■ 50 M. BACKSTROKE			30.30	Thomas S Taylor	64	27.82	James H Ritter	67
5:43.55	Kenton R Jones	56	29.44	JAMIE FOWLER	19	30.37	Tito Morales	64	27.98	Bruce Paakh	66
5:52.36	Mark C Jechura	57	31.12	Jay Yarid	60	30.43	Michael Aubrey	62	28.10	Pat Meaney	65
5:54.70	Stratton Smith	59	31.59	Len D Gushe	60	30.73	Joe Wotton	64	28.34	Loren Druz	67
6:05.74	Mark W Brandt	57	31.70	Brad Wells	62	30.74	Kevin Keating	60	28.49	Andy Dyer	65
			31.92	Steven V Ennis	60	■ 100 M. BUTTERFLY			28.62	Jay W Leigh	65
			32.93	Geoffrey J Emore	60	1:03.38	MIKE LAMONICA	20	■ 100 M. FREESTYLE		
			33.26	Tito Morales	64	1:04.63	Kenneth W Tittle	60	57.78	JACK GROSELLE	19
			33.45	Rob Bedford	61	1:08.75	Jon Boone	60	59.99	Dan Stephenson	66
			33.59	Paul Frentsos	62	1:09.80	Mark A Johnston	63	1:01.20	James H Ritter	67
			33.59	Alain Steenbeeke	61	1:10.23	Tryggvi Helgason	60	1:01.31	Bruce Young	66
			34.25	Brad Belmondo	62	1:10.40	Scott J Richards	63	1:02.10	Bruce Paakh	66
			■ 100 M. BACKSTROKE			1:10.58	Thomas S Taylor	64	1:02.60	Mark Evans	65
			1:03.15	JAMIE FOWLER	19	1:11.71	Mark J Steinhafel	62	1:03.07	Andy Dyer	65
			1:06.55	Len D Gushe	60	1:12.19	David Hathaway	63	1:03.30	Pat Meaney	65
			1:11.22	Brad Wells	62	1:13.32	Scott Halliburton	61	1:03.54	Bill Sherman	65
			1:11.50	Steven V Ennis	60	1:15.89	Scott Golden	60	1:04.40	Jay W Leigh	65
			1:12.56	Alain Steenbeeke	61	■ 200 M. BUTTERFLY			1:05.54	Joe E Tack	65
			1:13.20	Paul Frentsos	62	2:23.29	RICK COLELLA	15	■ 200 M. FREESTYLE		
			1:13.91	David Hathaway	63	2:34.69	Len D Gushe	60	2:07.46	DAN STEPHENSON	22
			1:14.83	Tim D Keighley	62	2:39.16	Kenneth W Tittle	60	2:11.86	Dan Stephenson	66
			1:14.96	John C Moore	61	2:41.45	Tito Morales	64	2:15.98	James H Ritter	67
			1:15.99	Ron Taylor	63	2:47.20	Scott Halliburton	61	2:16.28	John A Fields	67
			1:16.20	Rick Rodriguez	61	2:52.26	Karl L Edgerton	61	2:20.24	Mark Evans	65
			■ 200 M. BACKSTROKE			2:52.67	Tryggvi Helgason	60	2:20.34	Doug Kajiwara	66
			2:17.15	JAMIE FOWLER	19	2:58.07	David Kough	60	2:21.09	Greg Sanchez	66
			2:24.00	Len D Gushe	60	3:07.19	Jim Matysek	64	2:21.36	John R Morales	65
			2:42.18	John C Moore	61	3:07.65	Ted McGahie	64	2:21.94	Andy Dyer	65
			2:43.46	Thomas M Grisa	61	3:12.67	Rome Yount	63	2:23.13	John B Chambers	68
			2:43.90	David Hathaway	63	■ 100 M. INDIVIDUAL MEDLEY			2:26.86	Jonathan Washburn	66
			2:45.08	Brad Wells	62	1:04.23	RICK COLELLA	15	■ 400 M. FREESTYLE		
			2:46.23	Christopher House	60	1:05.83	David Guthrie	63	4:27.91	RICK COLELLA	17
			2:47.16	Chris L Birnbrick	60	1:09.16	Jerry M Kollross	61	4:45.08	Dan Stephenson	66
			2:48.82	James Riddle	61	1:09.32	Don G Smith	62	4:59.33	John B Chambers	68
			2:52.00	Gerald S Treiman	63	1:10.13	Steven V Ennis	60	5:01.79	James H Ritter	67
			2:53.07	Lex Pegues	63	1:11.04	Kenneth W Tittle	60	5:04.49	John R Morales	65
			■ 50 M. BREASTSTROKE			1:11.09	Michael Aubrey	62	5:04.67	Trip Strauss	65
			31.42	DAVID GUTHRIE	23	1:11.85	Alain Steenbeeke	61	5:08.67	Bruce W Thomas	66
			31.42	David Guthrie	63	1:13.05	Dave Evans	62	5:13.62	Joe Shake	65
			33.38	Michael Aubrey	62	1:13.53	David Hathaway	63	5:18.88	Kevin Scanlan	68
			33.77	Don G Smith	62	1:13.70	Philip R Gilligan	61	5:21.53	Larry W Wood	69
			34.77	Tryggvi Helgason	60	■ 200 M. INDIVIDUAL MEDLEY			5:23.60	Joe E Tack	65
			35.72	Mark A Johnston	63	2:19.96	RICK COLELLA	15	■ 800 M. FREESTYLE		
			35.98	Thomas Herringer	62	2:31.59	Tito Morales	64	9:26.94	RICK COLELLA	19
			36.38	Richard K Howell	64	2:37.51	Michael Aubrey	62	10:24.35	Greg Sanchez	66
			36.58	Kenneth W Tittle	60	2:37.59	Paul Frentsos	62	10:28.83	John B Chambers	68
			36.73	Kyle Lindo	63	2:37.62	Tryggvi Helgason	60	10:29.65	James H Ritter	67
			36.77	Dave Evans	62	2:40.45	Dave Evans	62	10:47.76	Toby Weissert	65
			■ 100 M. BREASTSTROKE			2:41.30	Tim D Keighley	62	10:53.66	John Holbeck	65
			1:08.24	DAVID GUTHRIE	22	2:42.48	David Hathaway	63	10:56.23	Andy Dyer	65
			1:09.92	David Guthrie	63	2:42.48	David Hathaway	63	11:09.59	Joe E Tack	65
			1:16.89	Michael Aubrey	62	2:43.25	John C Moore	61	11:15.71	Larry W Wood	69
			1:16.94	Don G Smith	62	2:43.78	Patrick M Duggan	60	11:20.39	C Gibson	67
			1:17.63	Tryggvi Helgason	60	2:45.62	Karl L Edgerton	61	11:21.55	Tom P Kealy	67
			1:19.93	Kenneth W Tittle	60	■ 400 M. INDIVIDUAL MEDLEY			■ 1500 M. FREESTYLE		
						5:04.54	RICK COLELLA	11	18:53.75	JIM MC CONICA	15
						5:44.66	Paul Frentsos	62	19:58.78	Bruce W Thomas	66

21:08.94	C Gibson	67	■ 50 M. BUTTERFLY	27.62	Bruce F Williams	70	37.89	Hubie Kerns	74		
21:16.49	Joe E Tack	65	28.58	BRUCE KONE	23	28.85	Robert H Wilson	72	37.97	Greg J Tharp	73
21:16.88	Larry W Wood	69	28.58	Bruce C Kone	65	29.71	Ted W Hammond	70	39.43	John T Foote	73
21:24.60	Tom P Kealy	67	30.32	Frederick Ehmke	69	29.74	Chuck A Olson	73	■ 100 M. BACKSTROKE		
21:44.84	Kevin Scanlan	68	30.66	Bruce Paakh	66	30.10	Edward E Bell	70	1:11.49	LAWRENCE DAY	21
■ 50 M. BACKSTROKE			30.73	Robert Heath	66	30.47	Robert Kelsoe	70	1:18.84	Wes Edwards	70
30.34	HUGH WILDER	12	31.06	Andy Dyer	65	30.62	Keith Richey	71	1:21.37	Robert H Wilson	72
31.93	Bruce C Kone	65	31.21	John R Morales	65	30.72	William B Hayes	72	1:21.65	Greg J Tharp	73
31.98	Jonathan E Klein	66	31.25	Greg Sanchez	66	30.75	Barry R Mandel	70	1:22.45	Hubie Kerns	74
32.57	Tom Wolf	69	31.44	David Hildebrandt	68	■ 100 M. FREESTYLE			1:23.26	Geoffrey A Meyer	72
33.11	Philipp A Djang	69	31.54	Jay W Leigh	65	1:01.70	ABRAHAMS\WILLIAMS	23	1:23.56	Stuart L Kahn	70
33.15	Robert Heath	66	31.94	Mark Evans	65	1:01.70	Bruce F Williams	70	1:25.22	Daniel Epstein	73
33.41	Jay W Leigh	65	■ 100 M. BUTTERFLY			1:06.24	Chuck A Olson	73	1:27.30	Jon Rysdon	72
34.99	Bruce Paakh	66	1:05.37	LAWRENCE DAY	16	1:06.56	Jack W Gooding	70	1:28.64	Kermit D Yensen	70
35.71	Steve Cutting	66	1:07.99	Greg Sanchez	66	1:06.95	Ted W Hammond	70	1:28.68	Gary Benson	73
35.75	Joszeff Patar	69	1:07.99	Dan Stephenson	66	1:07.41	Jeffrey Boatright	70	■ 200 M. BACKSTROKE		
36.17	Daniel E Kealy	65	1:11.29	John R Morales	65	1:07.70	Edward E Bell	70	2:34.96	LAWRENCE DAY	21
■ 100 M. BACKSTROKE			1:12.24	Franklin M Halley	66	1:07.92	Rick B Walker	73	2:52.91	Phil Dodson	70
1:07.09	JONATHAN KLEIN	22	1:12.35	Mark Evans	65	1:08.25	Barry R Mandel	70	2:57.09	Wes Edwards	70
1:07.18	Jonathan E Klein	66	1:13.92	Andy Dyer	65	1:09.76	Keith Richey	71	3:01.43	Jon Rysdon	72
1:08.90	Tom Wolf	69	1:14.13	James H Ritter	67	1:10.05	Edward J Borsuk	70	3:03.14	Greg J Tharp	73
1:11.38	Philipp A Djang	69	1:15.25	Robert Heath	66	■ 200 M. FREESTYLE			3:03.66	Stuart L Kahn	70
1:11.42	Dan Stephenson	66	1:15.86	John B Chambers	68	2:10.97	RICK COLELLA	21	3:06.12	Jim Clemmons	73
1:13.82	Doug Kajiwara	66	1:16.23	David K Vandam	68	2:24.04	Edward J Borsuk	70	3:08.81	Hubie Kerns	74
1:14.06	Robert Heath	66	■ 200 M. BUTTERFLY			2:27.22	Jack W Gooding	70	3:12.42	Kermit D Yensen	70
1:15.14	Jay W Leigh	65	2:25.35	RICK COLELLA	17	2:27.79	Phil Dodson	70	3:13.42	Scott P McMillen	70
1:18.01	Boyd Black	67	2:32.13	Greg Sanchez	66	2:27.96	Rick B Walker	73	3:16.80	Dale Wiseley	71
1:19.36	Joszeff Patar	69	2:49.28	John B Chambers	68	2:30.55	Mark Modjeska	70	■ 50 M. BREASTSTROKE		
1:19.46	Joe Shake	65	2:55.42	Franklin M Halley	66	2:31.32	Chuck A Olson	73	33.54	RICK COLELLA	21
■ 200 M. BACKSTROKE			2:57.64	John Holbeck	65	2:35.03	Craig J Franz	70	36.44	Craig M Ottersen	71
2:28.43	DAN STEPHENSON	22	2:57.92	Peter Guadagni	68	2:35.67	Barry R Mandel	70	38.16	Allen Stark	74
2:29.27	Dan Stephenson	66	3:12.54	Larry W Wood	69	2:35.84	Keith Richey	71	38.49	Hubie Kerns	74
2:31.38	James H Ritter	67	3:15.76	Philipp A Djang	69	2:36.34	Edward E Bell	70	39.11	Rick B Walker	73
2:37.67	Doug Kajiwara	66	3:17.10	Andy Dyer	65	■ 400 M. FREESTYLE			39.22	Clive G Edwards	70
2:39.01	Greg Sanchez	66	3:17.17	Ken Niemi	68	4:46.78	RICK COLELLA	22	40.25	Robert Kelsoe	70
2:44.55	Toby Weissert	65	3:21.19	Andreas Seibt	65	5:09.68	Mark Modjeska	70	41.12	Cris Meier-Windes	70
2:44.81	Philipp A Djang	69	■ 100 M. INDIVIDUAL MEDLEY			5:10.07	Richard Baughman	70	42.15	Howard W Burns	72
2:45.46	Steve Cutting	66	1:05.43	RICK COLELLA	16	5:14.55	Jack W Gooding	70	42.66	Craig Bauer	71
2:47.36	Winston Uchiyama	66	1:08.95	Gregory L Oxley	65	5:15.04	Edward J Borsuk	70	42.90	Marc Anderson	74
2:53.35	Andreas Seibt	65	1:10.49	Andy Dyer	65	5:18.14	Rick B Walker	73	■ 100 M. BREASTSTROKE		
2:53.74	Boyd Black	67	1:10.82	Bruce Young	66	5:30.21	Keith Richey	71	1:13.04	RICK COLELLA	21
■ 50 M. BREASTSTROKE			1:11.70	Bruce Paakh	66	5:32.96	Stuart L Kahn	70	1:21.59	Craig M Ottersen	71
32.50	RICK COLELLA	16	1:12.01	Tom Wolf	69	5:33.42	Hubie Kerns	74	1:25.67	Allen Stark	74
33.28	Bruce C Kone	65	1:13.18	James H Ritter	67	5:34.98	Jim Clemmons	73	1:26.39	Hubie Kerns	74
33.72	Gregory L Oxley	65	1:13.74	Jay W Leigh	65	5:35.68	Edward E Bell	70	1:32.19	Clive G Edwards	70
35.35	Randy J Parker	69	1:14.12	Greg Sanchez	66	■ 800 M. FREESTYLE			1:32.21	Jim Clemmons	73
35.39	Andy Dyer	65	1:14.49	Winston Uchiyama	66	9:36.64	RICK COLELLA	22	1:32.70	Craig Bauer	71
36.26	Pat Meaney	65	1:14.89	Mark Evans	65	10:41.30	Mark Modjeska	70	1:35.94	Dan Morrow	74
36.30	G Von Hoffmann	67	■ 200 M. INDIVIDUAL MEDLEY			10:52.78	Rick B Walker	73	1:37.18	Barry L Haddan	72
37.12	Bruce Paakh	66	2:20.35	RICK COLELLA	18	11:10.36	Edward E Bell	70	1:37.89	Howard W Burns	72
37.13	Winston Uchiyama	66	2:34.30	Bruce Young	66	11:19.82	Edward J Borsuk	70	1:40.99	Steve Holt	72
37.32	Robert Heimbrock	65	2:35.36	Andy Dyer	65	11:30.33	Craig J Franz	70	■ 200 M. BREASTSTROKE		
37.49	Wayne L Baker	65	2:35.64	Dan Stephenson	66	11:36.00	Chuck A Olson	73	2:45.56	RICK COLELLA	23
■ 100 M. BREASTSTROKE			2:37.78	Doug Kajiwara	66	11:38.48	Hubie Kerns	74	2:45.56	Rick CoIella	72
1:11.82	RICK COLELLA	19	2:38.57	Franklin M Halley	66	11:55.12	Jonathan Scheff	71	3:11.57	Philip Wilder	70
1:15.49	Gregory L Oxley	65	2:39.59	John R Morales	65	12:26.77	James Ryan	71	3:14.67	Hubie Kerns	74
1:17.49	Andy Dyer	65	2:42.66	Winston Uchiyama	66	12:37.83	Jack R Martin	72	3:18.73	Jim Clemmons	73
1:19.53	G Von Hoffmann	67	2:43.54	Toby Weissert	65	■ 1500 M. FREESTYLE			3:20.15	Allen Stark	74
1:21.10	Steven G Byrne	65	2:48.66	William P Davis	65	18:29.71	RICK COLELLA	22	3:33.50	John W McCorkle	72
1:21.68	Randy J Parker	69	2:51.44	Peter Guadagni	68	20:24.09	Richard Baughman	70	3:35.75	Stuart L Kahn	70
1:22.54	Ying WuShanley	65	■ 400 M. INDIVIDUAL MEDLEY			20:24.30	Mark Modjeska	70	3:36.91	Clive G Edwards	70
1:23.85	Doug Kajiwara	66	5:03.34	RICK COLELLA	17	20:43.23	Edward E Bell	70	3:37.86	Dale Wiseley	71
1:24.36	Pat Meaney	65	5:30.80	Greg Sanchez	66	21:02.57	Fred Ferroggiaro	70	3:41.77	Howard W Burns	72
1:24.87	Peter Cool	68	5:38.59	Dan Stephenson	66	21:15.23	Edward J Borsuk	70	■ 50 M. BUTTERFLY		
1:25.29	Robert Heimbrock	65	5:44.66	Andy Dyer	65	22:12.17	Craig J Franz	70	29.52	RICHARD ABRAHAMS	15
■ 200 M. BREASTSTROKE			5:50.91	John R Morales	65	22:21.84	Jonathan Scheff	71	30.03	Doug Martin	70
2:36.85	RICK COLELLA	17	5:57.21	John Holbeck	65	22:22.54	Hubie Kerns	74	30.30	Rick CoIella	72
2:57.02	Andy Dyer	65	5:57.63	Toby Weissert	65	22:59.10	Paul A Virtue	72	31.10	Bruce F Williams	70
2:57.43	G Von Hoffmann	67	6:01.63	Steve Cutting	66	23:33.79	James Ryan	71	31.86	Alistair Cockburn	70
2:59.07	Winston Uchiyama	66	6:02.23	Peter Guadagni	68	■ 50 M. BACKSTROKE			32.71	Jack W Gooding	70
3:01.90	Steven G Byrne	65	6:04.08	John B Chambers	68	32.57	BRUCE WILLIAMS	23	33.62	Robert Kelsoe	70
3:05.63	Ying WuShanley	65	6:08.44	William P Davis	65	32.57	Bruce F Williams	70	33.94	Keith Richey	71
3:05.75	Peter Guadagni	68	■ 50 M. FREESTYLE			33.17	Alistair Cockburn	70	34.11	Stuart L Kahn	70
3:07.95	Wayne L Baker	65	26.88	RICHARD ABRAHAMS	15	35.61	Jeffrey Boatright	70	34.13	Hubie Kerns	74
3:08.10	Peter Cool	68	26.89	Doug Martin	70	36.06	Geoffrey A Meyer	72	34.54	Geoffrey A Meyer	72
3:09.41	William P Davis	65				36.83	Wes Edwards	70	■ 100 M. BUTTERFLY		
3:12.70	Mark A Montgomery	67				36.84	Daniel Epstein	73	1:06.54	LAWRENCE DAY	21
						37.78	Cris Meier-Windes	70	1:08.30	Rick CoIella	72

1:12.92	Jack W Gooding	70	1:16.42	Bob E Couch	76	3:02.14	Mike Selna	75	■ 100 M. INDIVIDUAL MEDLEY
1:13.98	Jeffrey Boatright	70	1:18.97	Stan LeMaster	76	3:11.01	Joe Reid	75	1:17.58 MIKE FRESHLEY 16
1:17.36	Robert H Wilson	72	1:21.20	Thomas Gurucharri	76	3:14.19	Jay Brzezinski	76	1:20.49 Lee Childs 75
1:20.62	Phil Dodson	70	1:22.33	M H Heeter	76	3:21.34	Bob A Bruce	75	1:22.22 Dan L Kirkland 75
1:22.72	John W McCorkle	72	■ 200 M. FREESTYLE			3:21.89	Stephen W Fogg	75	1:26.92 Mike Selna 75
1:22.79	Mark Modjeska	70	2:26.87	DAN KIRKLAND	23	3:33.26	M Rothweiler	75	1:28.39 Bob A Bruce 75
1:23.48	Hubie Kerns	74	2:26.87	Dan L Kirkland	75	3:34.28	Craig A Shaffer	77	1:30.26 Bob E Couch 76
1:24.57	Alan D Bernard	74	2:33.70	Joel R Wilson	75	3:36.43	Stan LeMaster	76	1:33.39 Kevin Mcherrin 76
1:28.65	Robert B Jones	72	2:34.61	Fred J Schlicher	75	■ 50 M. BREASTSTROKE			1:33.69 Joe Reid 75
■ 200 M. BUTTERFLY			2:37.99	Lee Childs	75	38.35	MIKE FRESHLEY	16	1:33.75 Robert White 75
2:45.30	LAWRENCE DAY	21	2:46.39	David Quiggin	79	39.81	Douglas Springer	77	1:34.38 Stephen W Fogg 75
2:55.62	Mark Modjeska	70	2:47.46	Bob A Bruce	75	41.20	Robert White	75	1:34.44 Stan LeMaster 76
2:56.60	Phil Dodson	70	2:52.44	Bob E Couch	76	42.01	Kenneth A Frost	79	■ 200 M. INDIVIDUAL MEDLEY
3:09.88	Hubie Kerns	74	2:53.61	Gaard Arneson	75	42.37	Steven B Peterson	77	2:50.79 RICHARD BURNS 18
3:17.41	Alan D Bernard	74	2:57.59	Steven B Peterson	77	42.71	Jim Dragon	79	2:55.43 Fred J Schlicher 75
3:42.98	Tom Phipps	70	3:06.83	Roger F Leonard	75	44.22	Rick Meyerhoff	76	3:03.33 Lee Childs 75
3:53.89	Gary M Fine	73	■ 400 M. FREESTYLE			44.85	John M Lewis	77	3:17.46 Bob A Bruce 75
4:03.91	Mark C Walters	71	5:09.95	DAN KIRKLAND	23	44.98	Lawrence A Terkel	76	3:18.29 Steven B Peterson 77
4:16.37	Stan V Filatov	74	5:09.95	Dan L Kirkland	75	45.27	Kirby L Smith	77	3:34.85 Roger F Leonard 75
4:26.42	Stephen A Small	71	5:16.91	Joel R Wilson	75	45.29	Joe Reid	75	3:36.69 Stephen W Fogg 75
4:49.93	Mark A Keil	70	5:53.35	Bob A Bruce	75	■ 100 M. BREASTSTROKE			3:37.76 Stan LeMaster 76
■ 100 M. INDIVIDUAL MEDLEY			6:00.59	David Quiggin	79	1:24.27	DOUGLAS SPRINGER	22	3:47.10 Rich Bernstein 77
1:06.98	RICK COLELLA	21	6:07.40	Steven B Peterson	77	1:28.79	Douglas Springer	77	3:55.10 Mingjie Song 76
1:12.90	Bruce F Williams	70	6:08.45	Gaard Arneson	75	1:33.61	Kenneth A Frost	79	3:57.90 M H Heeter 76
1:15.96	Robert H Wilson	72	6:15.52	Bob E Couch	76	1:35.17	Steven B Peterson	77	■ 400 M. INDIVIDUAL MEDLEY
1:16.19	Jeffrey Boatright	70	6:38.45	Rich Bernstein	77	1:39.97	Mike Selna	75	6:26.09 RICHARD BURNS 19
1:17.39	Hubie Kerns	74	6:44.99	Stan LeMaster	76	1:40.33	Bob A Bruce	75	6:29.51 Dan L Kirkland 75
1:20.55	Robert Kelsoe	70	6:50.09	Mark C Ross	76	1:40.89	Joe Reid	75	6:52.31 Douglas Springer 77
1:21.14	Cris Meier-Windes	70	■ 800 M. FREESTYLE			1:42.68	Lawrence A Terkel	76	6:53.84 Bob A Bruce 75
1:22.47	Jim Clemmons	73	10:40.84	DAN KIRKLAND	23	1:45.54	Rog Hardy	77	7:26.71 Stan LeMaster 76
1:22.91	Alan D Bernard	74	10:40.84	Dan L Kirkland	75	1:45.62	Stan LeMaster	76	7:42.54 Stephen W Fogg 75
1:24.79	John C Holzbach	70	12:02.98	Bob A Bruce	75	1:45.70	Rick Meyerhoff	76	8:15.30 Rich Bernstein 77
1:25.50	John T Foote	73	12:34.26	Gaard Arneson	75	■ 200 M. BREASTSTROKE			8:23.47 Rick Meyerhoff 76
■ 200 M. INDIVIDUAL MEDLEY			12:35.12	Steven B Peterson	77	3:06.82	MIKE FRESHLEY	16	8:31.84 M H Heeter 76
2:27.07	RICK COLELLA	21	13:11.26	Rich Bernstein	77	3:16.10	Douglas Springer	77	8:59.34 John V Zeigler 78
2:48.21	Craig M Ottersen	71	13:40.82	Stan LeMaster	76	3:19.73	Joel R Wilson	75	
2:57.14	Hubie Kerns	74	14:12.35	Mark C Ross	76	3:23.40	Steven B Peterson	77	
2:57.86	Philip Wilder	70	14:13.19	Dennis M West	77	3:31.25	Robert White	75	
3:00.37	Jim Clemmons	73	14:47.34	Charles B Lee	79	3:36.10	Bob A Bruce	75	
3:10.64	Stuart L Kahn	70	16:05.06	Rick Miller	76	3:36.14	Stan LeMaster	76	
3:11.52	John C Holzbach	70	■ 1500 M. FREESTYLE			3:43.60	Mike Selna	75	
3:14.05	Steve Holt	72	20:18.58	DAN KIRKLAND	23	3:57.06	Rog Hardy	77	
3:14.09	John W McCorkle	72	20:18.58	Dan L Kirkland	75	3:57.34	Kirby L Smith	77	
3:18.14	Dale Wisley	71	22:24.07	Bob A Bruce	75	4:01.04	Rich Bernstein	77	
3:18.42	Kermit D Yensen	70	23:36.60	Gaard Arneson	75	■ 50 M. BUTTERFLY			
■ 400 M. INDIVIDUAL MEDLEY			23:55.00	Steven B Peterson	77	32.09	RICHARD ABRAHAMS	21	
5:47.41	LAWRENCE DAY	22	25:12.15	Rich Bernstein	77	33.03	Lee Childs	75	
6:06.40	Phil Dodson	70	25:48.86	Stan LeMaster	76	33.91	Fred J Schlicher	75	
6:17.81	Philip Wilder	70	28:17.91	Mark C Ross	76	34.77	Jim Dragon	79	
6:23.61	Hubie Kerns	74	29:00.10	Robert A Owens	77	36.78	Robin T Kleffman	76	
6:23.85	Jim Clemmons	73	29:39.06	Charles B Lee	79	37.37	Lawrence A Terkel	76	
7:03.50	Gary Benson	73	30:41.02	Richard J Wallace	76	38.60	James R DeLacy	77	
7:23.71	Jon Rysdon	72	■ 50 M. BACKSTROKE			39.77	Randy Simons	75	
7:43.21	Gary M Fine	73	33.87	RICHARD BURNS	18	41.70	Fred L Schein	75	
7:47.77	Stephen A Small	71	38.47	Jay Brzezinski	76	42.14	Mike B Ziniel	76	
7:59.38	Mark Buckley	70	38.51	Richard Alexander	79	42.19	John Ziegenhagen	77	
7:59.90	Gerald G Palmer	73	38.51	Mike Selna	75	■ 100 M. BUTTERFLY			
			39.87	Stephen W Fogg	75	1:17.39	FRED SCHLICHER	23	
			41.49	Joe Reid	75	1:17.39	Fred J Schlicher	75	
			42.19	Randy Simons	75	1:21.78	Lee Childs	75	
			43.28	Bill Ton	76	1:35.59	Bob A Bruce	75	
			43.89	Thomas McCaffrey	75	1:38.05	Dan L Kirkland	75	
			44.26	M Rothweiler	75	1:46.00	Stephen W Fogg	75	
			45.20	M H Heeter	76	1:52.56	Mike B Ziniel	76	
			■ 100 M. BACKSTROKE			1:58.29	Stan LeMaster	76	
			1:14.03	RICHARD BURNS	19	1:58.42	Rick Meyerhoff	76	
			1:19.05	Dan L Kirkland	75	1:59.24	Craig A Shaffer	77	
			1:22.06	Mike Selna	75	2:13.32	M H Heeter	76	
			1:24.58	Jay Brzezinski	76	■ 200 M. BUTTERFLY			
			1:28.69	Joe Reid	75	3:09.42	FRED SCHLICHER	23	
			1:30.22	Bob A Bruce	75	3:09.42	Fred J Schlicher	75	
			1:32.58	Richard Alexander	79	3:21.50	Douglas Springer	77	
			1:32.80	Stephen W Fogg	75	3:32.33	Bob A Bruce	75	
			1:35.59	Randy Simons	75	3:52.07	Stephen W Fogg	75	
			1:36.59	Stan LeMaster	76	4:03.17	Stan LeMaster	76	
			1:36.65	Roger F Leonard	75	4:04.04	Mike B Ziniel	76	
			■ 200 M. BACKSTROKE			4:06.02	Marc P Rothman	76	
			2:44.04	RICHARD BURNS	18	4:19.50	Craig A Shaffer	77	
			2:46.03	Dan L Kirkland	75	4:55.14	M H Heeter	76	
			2:57.33	Fred J Schlicher	75	5:45.49	John V Zeigler	78	

#### MEN 75-79

##### ■ 50 M. FREESTYLE

28.70	RICHARD ABRAHAMS	21
30.49	Lee Childs	75
31.81	Lawrence A Terkel	76
32.10	James R DeLacy	77
32.35	Jim Dragon	79
32.99	David Quiggin	79
33.60	Jay Brzezinski	76
33.76	Kevin Mcherrin	76
34.23	M H Heeter	76
34.28	Phil Wright	76
34.49	Randy Simons	75
■ 100 M. FREESTYLE		
1:04.80	DAVID QUIGGIN	19
1:08.94	Lee Childs	75
1:09.33	Dan L Kirkland	75
1:10.96	David Quiggin	79
1:13.18	James R DeLacy	77
1:13.66	Bob A Bruce	75
1:14.23	Lawrence A Terkel	76

#### MEN 80-84

##### ■ 50 M. FREESTYLE

31.25	JEFF FARRELL	17
32.00	Richard Burns	80
33.46	Robert T Pilger	80
34.28	Peter Andersen	80
34.96	Harry M Sober	80
37.12	David Vail	80
37.47	David L Robinson	80
38.42	Frederick J Zamon	81
40.36	Michael A Laux	82
41.59	C Frogley	80
41.62	Laurence Walker	80
■ 100 M. FREESTYLE		
1:09.98	RICHARD BURNS	23
1:09.98	Richard Burns	80
1:14.12	Robert T Pilger	80
1:20.46	Peter Andersen	80
1:25.11	David L Robinson	80
1:27.69	Harry M Sober	80
1:27.97	Mike Freshley	82
1:30.63	Tony Ralphs	80
1:33.78	Michael A Laux	82
1:35.40	C Frogley	80
1:36.57	Roger M Golden	81
■ 200 M. FREESTYLE		
2:38.25	DAVID RADCLIFF	14
2:43.60	Richard Burns	80
3:07.39	Ed Reed	80
3:11.18	Tony Ralphs	80
3:27.23	David L Robinson	80
3:30.06	Michael A Laux	82
3:35.51	Dave Noble	80
3:36.64	Laurence Walker	80
3:43.77	Andrew Cooke	80
3:47.86	C Frogley	80
3:50.91	Artie Wolfe	83
■ 400 M. FREESTYLE		
5:39.27	DAVID RADCLIFF	14
6:31.93	Tony Ralphs	80
7:04.96	David Vail	80
7:30.07	Dave Noble	80
8:10.22	James F Shaw	82



■ 50 M. BACKSTROKE		■ 100 M. BREASTSTROKE	
55.25 JOHN MERRILL	07	3:03.57 RUSS WITTE	11
57.03 Frank T Manheim	93	5:00.44 Donald J Hubbard	96
1:02.77 Robert W Mayo	90	■ 200 M. BREASTSTROKE	
1:30.29 Tom Mitchell	90	6:14.84 RUSS WITTE	11
3:34.26 Arlyn Melcher	92	No Swimmers	
■ 100 M. BACKSTROKE		■ 50 M. BUTTERFLY	
1:59.76 WILLARD LAMB	13	2:02.24 ROBERT DOUD	18
2:12.53 Robert W Mayo	90	No Swimmers	
2:18.43 Frank T Manheim	93	■ 100 M. BUTTERFLY	
3:22.12 Tom Mitchell	90	5:36.78 ROBERT DOUD	18
■ 200 M. BACKSTROKE		No Swimmers	
4:17.86 WILLARD LAMB	14	■ 200 M. BUTTERFLY	
5:16.49 Robert W Mayo	90	11:08.68 ROBERT DOUD	18
7:09.30 Tom Mitchell	90	No Swimmers	
■ 50 M. BREASTSTROKE		■ 100 M. INDIVIDUAL MEDLEY	
1:01.60 JOHN CORSE	14	2:39.39 WILLARD LAMB	17
1:14.47 Tom Mitchell	90	No Swimmers	
2:14.96 Arlyn Melcher	92	■ 200 M. INDIVIDUAL MEDLEY	
■ 100 M. BREASTSTROKE		9:50.55 WALTER PFEIFFER	08
2:32.84 ALBERT WOODS	19	No Swimmers	
2:45.88 Tom Mitchell	90	■ 400 M. INDIVIDUAL MEDLEY	
■ 200 M. BREASTSTROKE		21:03.17 WALTER PFEIFFER	08
5:19.20 THOMAS MAINE	15	No Swimmers	
5:56.59 Tom Mitchell	90		
■ 50 M. BUTTERFLY		<b>MEN 100-104</b>	
56.09 WALTER PFEIFFER	03		
1:34.53 Tom Mitchell	90	■ 50 M. FREESTYLE	
■ 100 M. BUTTERFLY		57.81 WILLARD LAMB	22
2:21.82 WALTER PFEIFFER	03	58.18 Willard J Lamb	101
No Swimmers		■ 100 M. FREESTYLE	
■ 200 M. BUTTERFLY		2:13.96 WILLARD LAMB	22
5:24.08 THOMAS MAINE	15	2:31.70 Willard J Lamb	101
No Swimmers		■ 200 M. FREESTYLE	
■ 100 M. INDIVIDUAL MEDLEY		4:50.84 WILLARD LAMB	22
2:08.35 THOMAS MAINE	15	5:12.22 Willard J Lamb	101
2:45.69 Tom Mitchell	90	■ 400 M. FREESTYLE	
■ 200 M. INDIVIDUAL MEDLEY		10:05.73 WILLARD LAMB	22
4:36.45 THOMAS MAINE	16	No Swimmers	
6:26.33 Tom Mitchell	90	■ 800 M. FREESTYLE	
■ 400 M. INDIVIDUAL MEDLEY		20:23.87 WILLARD LAMB	22
9:39.56 THOMAS MAINE	15	No Swimmers	
No Swimmers		■ 1500 M. FREESTYLE	
		38:32.90 WILLARD LAMB	22
		41:34.39 Willard J Lamb	101
		■ 50 M. BACKSTROKE	
<b>MEN 95-99</b>		1:07.11 WILLARD LAMB	22
		No Swimmers	
■ 50 M. FREESTYLE		■ 100 M. BACKSTROKE	
45.47 WILLARD LAMB	17	2:24.84 WILLARD LAMB	22
1:08.08 Donald J Hubbard	96	No Swimmers	
1:25.48 Albert S Edgerton	98	■ 200 M. BACKSTROKE	
■ 100 M. FREESTYLE		5:09.10 WILLARD LAMB	22
1:47.23 WILLARD LAMB	17	5:17.84 Willard J Lamb	101
No Swimmers		■ 50 M. BREASTSTROKE	
■ 200 M. FREESTYLE		1:52.04 WILLARD LAMB	22
3:56.49 WILLARD LAMB	17	No Swimmers	
No Swimmers			
■ 400 M. FREESTYLE			
8:13.42 WILLARD LAMB	17		
No Swimmers			
■ 800 M. FREESTYLE			
16:56.22 WILLARD LAMB	17		
No Swimmers			
■ 1500 M. FREESTYLE			
31:56.67 WILLARD LAMB	17		
No Swimmers			
■ 50 M. BACKSTROKE			
55.60 WILLARD LAMB	17		
No Swimmers			
■ 100 M. BACKSTROKE			
2:04.72 WILLARD LAMB	17		
No Swimmers			
■ 200 M. BACKSTROKE			
4:24.83 WILLARD LAMB	17		
No Swimmers			
■ 50 M. BREASTSTROKE			
1:13.72 RUSS WITTE	11		
1:50.01 Donald J Hubbard	96		

WOMEN'S RELAYS							
200 M. FREE REL WOMEN 72+		MINN	2:03.83	Clare Schroder	33	GERM	2:17.19
		Lilith Lengvenis	25	Serena Y Chang	28	Alice Ricci	24
		Hillary Hercules	30	MINN	4:44.86	Lisa M Chin	42
		Leah R Boldt	26	Lilith Lengvenis	25	Emma Coggins	27
		M Westendorp	25	Angela Guerra	34	Rachel W Jung	30
GOLDEN ROAD AQUA 1:51.69 17		MAM	2:05.14	Samantha J Kraft	27	PSM	2:17.54
		Lissi Knell	29	M Westendorp	25	Allison L Cox	39
		Kaitlin R Bindert	29	400 M. MEDLEY R WOMEN 100+		Porch S Evans	32
		Miriam F Eide	25	ARIZONA MASTERS 4:34.40 10		Sidney Nelson	35
		Emily M Schmitz	35	KELLY HARRIGAN		Alexandra Lincoln	31
CWUSC 2:07.99		INDY	2:12.36	HANNAH CALDAS		PALM	2:20.19
		Annah R Van Gheem	24	LINDSEY URBATCHKA		Stacey L Monroe	33
		Carrie C Graham	21	WHITNEY WARMAN		Hannah Quast	33
		Rosalie M Fidanze	32	No Relays		Kathleen Halloran	25
		Lorece Johnson	28	800 M. FREE REL WOMEN 100+		Marisa McEntire	50
		GERM	2:55.14	ARIZONA MASTERS 8:58.27 11		NEM	2:20.46
		Bertha Nibigira	28	HANNAH CALDAS		Annalise T Cramer	22
		Rachel W Jung	30	SHAUNA NELSON		Olivia Douhan	23
		Emma M Coggins	27	LINDSEY URBATCHKA		Claire Langlois	52
		Kassandra Buff	23	KELLY HARRIGAN		Suzanne Towne	58
200 M. MEDLEY R WOMEN 72+		200 M. MEDLEY R WOMEN 100+		MINN	10:38.88	200 M. MEDLEY R WOMEN 120+	
		THE OLYMPIC CLUB 2:02.98 12		Samantha J Kraft	27	RED TIDE OF NYC 2:04.31 09	
		O'DONNELL-MCCARTHY		Lilith Lengvenis	25	KRISTIN GARY	
		KATY HOUSTON		M Westendorp	25	TAL SHPAIZER	
		ERIN REILLY		Hillary Hercules	30	FALL WILLEBOORDSE	
		CARA DAVIDOFF		Megan Alpha	25	SUSAN WAGER	
		MINN	2:14.61	Courtney P Batten	32	MINN	2:16.82
		Lilith Lengvenis	25	Jacky Merianos	32	Katherine Kaiser	32
		M Westendorp	25	Vaia Mandravelis	25	Abbey Erwin	24
		Hillary Hercules	30	MEMO	11:51.46	Carrie Stolar	56
		M Westendorp	25	Emily Woo	28	Elizabeth Nymeyer	41
		Carly Krump	31	Jenny Lu	32	WCM	2:24.50
		Carly Krump	31	Kathryn Woodworth	37	Christina McGowan	36
		KFAC	2:17.09	Jade Y Jegers	20	Jenn Hwang	31
		Alison O'Connor	30	200 M. FREE REL WOMEN 120+		Kaleena Gettel	34
		Meghan P Nowak	35	OREGON MASTERS 1:51.23 22		Kate Warner	33
		Jessica M Sauve	27	ALEXIS HIGLETT		USF	2:25.51
		Danielle R Sauve	27	JESSICA STACY		A Phillips	32
		MELB	2:17.89	ILSA FEIERABEND		Kristina Petrakis	34
		Misty Hirsch	24	MADELYN VEITH		Danae Petrakis	31
		Carly Harten	28	KFAC	1:59.59	Taylor H Davis	47
		Jade A Schroeder	30	Alison O'Connor	30	ANCM	2:30.93
		Emily N Swigart	23	Kimberly Mathews	42	Hannah Van Minde	28
		WCM	2:19.70	Jessica M Sauve	27	Rachel Carter	33
		Carolyn A Morrice	29	Danielle R Sauve	27	Alexandra Lunardi	32
		Sierra T Sheeper	27	MEMO	1:59.89	Angela M Niemiec	39
		Mackenzie Schuler	27	Lily Hakkarainen	24	MELB	2:31.49
		Amy E Larsen	24	Lauren E Blake	26	Candida K Vera	40
		TSUN	2:26.62	Kysa M Crusco	47	Joanna Dagenais	36
		Clare Schroder	33	Ines Khiyara	25	Kristin L Kulinka	38
		Jasmine Zeng	25	CMAC	2:02.40	Alicia Booher	35
		G Heidkamp	30	Riley A Crow	24	CVMM	2:32.96
		Serena Y Chang	28	Grace Chyun	49	Jennifer R Cooper	32
		Serena Y Chang	28	Susanna Liang	27	Alaina M Whitt	39
		INDY	2:31.25	Brigitte Winkler	28	Beata M Konopka	54
		Rosalie M Fidanze	32	TERR	2:06.40	Alison English	30
		Carrie C Graham	21	Courtney Randolph	32	LOCO	2:34.91
		Lorece Johnson	28	Thea E McKenna	23	S Waninger	34
		Annah R Van Gheem	24	Jana Delfino	43	Amanda D Kata	36
		400 M. FREE REL WOMEN 100+		Laura C Rose	37	Meredith Anderson	37
		BOSTON UNIVERSIT 4:04.38 14		TSUN	2:07.61	Chandler G Horney	31
		KELSEY WILSON		G Heidkamp	30	MINN	2:39.90
		KELSEY ROGGENSACK		K Estrada-Pozzi	40	Andrea L Veith	39
		ILDIKO SZEKELY		Jasmine Zeng	25	Angela Guerra	34
		ELIZABETH MANCUSO		Serena Y Chang	28	Andrea L Leach	27
		KFAC	4:27.83	WCM	2:11.68	Leah R Boldt	26
		Jessica M Sauve	27	Riley A Crow	24	WCM	2:42.53
		Meghan P Nowak	35	Grace Chyun	49	Rachel E Rosas	30
		Alison O'Connor	30	Susanna Liang	27	Melanie Westlake	38
		Danielle R Sauve	27	Brigitte Winkler	28	Alexandra Thomas	35
		WCM	4:38.72	TERR	2:06.40	G Miazga-Chaffey	39
		Carolyn A Morrice	29	Courtney Randolph	32	MEMO	2:46.37
		Meghan Nesbit	28	Thea E McKenna	23	Jessica Bailey	45
		Kaitlyn E Riley	29	Jana Delfino	43	Sara Rafalson	35
		Sierra T Sheeper	27	Laura C Rose	37	Elyse Corwin	41
		TSUN	4:42.64	TSUN	2:07.61	Beth McBride	33
		G Heidkamp	30	G Heidkamp	30		
		Jasmine Zeng	25	K Estrada-Pozzi	40		
				Jasmine Zeng	25		
				Serena Y Chang	28		
				WCM	2:11.68		
				Jenn Hwang	31		
				Kate Warner	33		
				Ashley E Merlo	42		
				Ann Ongertth	49		

400 M. FREE REL WOMEN 120+	800 M. FREE REL WOMEN 120+	LSM 2:19.97	SPM 4:53.50
OREGON MASTERS 4:08.59 22	RED TIDE OF NYC 8:56.27 11	Courtney P Batten 32	Allison M Retotar 36
ALEXIS HIGLETT	KAITLIN MOUGHTY	Julie M Anderson 57	Dawn Clark 59
JESSICA STACY	SUSAN WAGER	J Baxavanis 48	Karen L Westerman 56
ILSA FEIERABEND	KRISTIN GARY	Jillian Kunde 43	Sarah Swoch 38
MADELYN VEITH	NANCY JO	200 M. MEDLEY R WOMEN 160+	NEM 4:55.95
WCM 4:41.81	KFAC 10:33.70	Sarah Sutton 40	Olivia A Jaras 39
Christina McGowan 36	Jessica M Sauve 27	Sue Jensen 63	Shannon Linsey 24
Kate Warner 33	Donna M Collins 48	WCM 4:57.62	Emily Polcari 44
Jenn Hwang 31	Alison O'Connor 30	Heather Tiernan 40	Lisa A Ward 59
Kaleena Gettel 34	Danielle R Sauve 27	Ann Ongerth 49	WISC 4:59.12
DAM 4:43.69	MELB 11:40.10	Jennifer May 54	Jennifer Moeller 40
Emma Garforth 55	Kristin L Kulinka 38	Brenna Schleusner 28	Ashley Mankowski 39
Helene Nehrebecki 43	Emily N Swigart 23	WCM 5:01.92	Acacia Clark 41
Joanna Griffiths 31	Trinity Graham 44	Anna Lawrence 43	Ashley E Merlo 42
Vivian A Crow 26	Brooke M Bothun 29	WCM 5:02.39	Heidi B McMillan 42
MELB 4:46.70	NEM 12:21.55	MEMO 5:37.70	Nia B Doyle 42
Emily N Swigart 23	Olivia Douhan 23	Meredith Anderson 60	Jez Lee 43
Carly Harten 28	Suzanne Towne 58	Jessica E Moll 51	400 M. MEDLEY R WOMEN 160+
Candida K Vera 40	Annalise T Cramer 22	NORTH CAROLINA M 4:31.32 19	KERRY LINDAUER
Joanna Dagenais 36	Claire Langlois 52	SARA DUNN	IRISH HOLLAND
CVMM 4:50.68	WISC 12:26.99	ERIKA BRAUN	ERIKA BRAUN
Calley J Prezzano 41	Jennifer May 54	GAJA 1:58.65	WH20 5:18.13
Jennifer R Cooper 32	Brianna M Ross 31	Laura S Templin 41	E Vucinich 43
Alaina M Whitt 39	Koconis-O'Malley 33	Pam W Rogan 55	A Kurteeva 40
Alison English 30	Brenna Schleusner 28	Susan Cochran 44	Christie Ciraulo 70
MEMO 5:07.27	200 M. FREE REL WOMEN 160+	Katie Roath 42	Nelly E Schmueel 29
Elyse Corwin 41	NORTH CAROLINA M 1:48.08 13	SPM 2:05.18	KFAC 5:42.60
Beth McBride 33	SUE WALSH	Celeste A Patton 39	Susan O O'Brien 53
Catherine Murillo 35	JENNIFER STRINGER	Allison M Retotar 36	Danielle R Sauve 27
Catherine Murillo 35	ALICIA UHL	Karen L Westerman 56	Donna M Collins 48
Sara Rafalson 35	ERIKA BRAUN	Sarah Swoch 38	Paula J Kweder 60
RPM 5:16.48	GAJA 1:58.65	MINN 2:26.01	WISC 5:51.15
Hope C Garrett 27	Laura S Templin 41	Lara Etnier 54	Ashley Mankowski 39
Daniela Arteaga 24	Pam W Rogan 55	Eva Christianson 41	Julie A Hall 55
Vee Bee 44	Susan Cochran 44	Erin L Huldeen 44	Erin E Schneider 44
Kimberly Mah 34	Katie Roath 42	Rachel Krejci 41	Jennifer Moeller 40
NEM 5:18.83	SPM 2:05.18	WCM 2:26.77	NEM 6:48.41
Kaitlin A McGahie 28	Celeste A Patton 39	Lauren E Hooper 44	Rayna L Harter 23
Rayna L Harter 23	Allison M Retotar 36	Ashley E Merlo 42	Nancy Alperson 47
Tess B Meier 27	Karen L Westerman 56	Emily Polcari 44	CJ Dickson 60
CJ Dickson 60	Sarah Swoch 38	Jann N La Pointe 42	Wendy J Burroughs 49
MEMO 6:42.06	MINN 2:05.93	NEM 2:27.99	NEM 7:08.70
Michele Leung 30	Elizabeth Nymeyer 41	Olivia A Jaras 39	Jennifer Barlow 57
Maria Valencia 25	Carrie Stolar 56	Jessica Bailey 40	Jenny Crellin 58
Jessica Bailey 45	Erin L Huldeen 44	Sarah Sutton 40	Jane Cheney 62
Rivkah Cohen 35	Katherine Kaiser 32	Doreen Audette 50	Calena Connor 21
MOVY 6:47.16	MELB 2:09.65	RIPT 2:33.27	MELB 7:24.29
A Van Hoesen 21	Emily N Swigart 23	Brandy M Juergens 41	Christine Zieres 63
Christie A Cottle 47	Janet Carbin 64	McKinley Becraft 24	Lynn Dotson 45
Christina M Hahn 37	Joanna Dagenais 36	Sharon M Yao 51	Alicia Booher 35
Sara A Banner 47	Candida K Vera 40	Veronica Hibben 67	Kristi M Boogaard 48
400 M. MEDLEY R WOMEN 120+	ARIZ 2:10.89	NOVA 2:34.83	
MISSION VIEJO MA 4:33.44 09	Trinity L Kay 23	Ashley N Quinn 27	
AHELEE SUE OSBORN	Tori M Fraga 60	Kristina M Post 42	
CYNTHIA LEWIS	Karen Marshall 53	Stephanie Kramer 49	
REBEKAH OLSEN	Lisa Ewen 48	Karen A Kimball 58	
KIMBERLEE FRITH	PSM 2:11.96	400 M. FREE REL WOMEN 160+	
MELB 5:19.29	Holly Lickwala 47	RED TIDE OF NYC 4:03.25 09	
Emily N Swigart 23	Yun Li 29	FALL WILLEBOORDSE	
Jade A Schroeder 30	Sandi Phinney 47	JANE KELSEY	
Joanna Dagenais 36	Emily Castillo 45	SUSAN WAGER	
Candida K Vera 40	NCMS 2:16.13	KRISTIN GARY	
GERM 5:34.44	Alicia K Uhl 46	NEM 4:32.98	
Emma Coggins 27	Sara Dunn 51	Ildiko Szekely 44	
Rachel W Jung 30	Carson E Piansky 26	Kysa M Crusco 47	
Alice Ricci 24	Mary G Dore 60	Lily Hakkarainen 24	
Lisa M Chin 42	EBAT 2:17.15	Stacy Sweetser 48	
NEM 6:28.52	Cassie L Sand 25	SCAQ 4:33.50	
Claire Langlois 52	Christina Cavalli 55	Ana Fradkin 50	
Annalise T Cramer 22	Kelly Schley 44	Marci Baun 55	
Suzanne Towne 58	Debbie Cagigas 62	Abigail Rea 50	
Olivia Douhan 23	WH20 2:19.61	Melissa Andruzzi 32	
WISC 6:49.97	Nelly E Schmueel 29		
Elyce Dilworth 57	A Kurteeva 40		
Brianna M Ross 31	E Vucinich 43		
Brenna Schleusner 28	Susan Shore 61		
Koconis-O'Malley 33			



800 M. FREE REL WOMEN 160+	Tina M Voight 54	400 M. FREE REL WOMEN 200+	Cheryl A Simmons 56
RED TIDE OF NYC 8:56.55 09	Clare P Burger 56	CONEJO VALLEY MA 4:20.42 19	N Doudikian-Scaff 53
JANE KELSEY	ANCM 2:20.61	ARLETTE GODGES	GERM 6:10.69
FALL WILLEBOORDSE	Katie L Wagner 37	BECKY CLEAVENGER	Michelle A Grace 59
SUSAN WAGER	Cathy C Gainor 56	EVE MAIDENBERG	Judy Gearhart 58
KRISTIN GARY	Kathryn Larin 58	JILL GELLATLY	P Guay-Berry 59
MINN 10:14.64	Alison A Dewey 49	SHARK 4:38.58	Jenny Carswell 49
Stacey Thureen 41	WCM 2:23.42	Bridget Keller 53	SFTL 6:19.72
Elizabeth Nymeyer 41	Catherine Taylor 60	Tricia Good 52	Linda L Larson 68
Carrie Stolar 56	Trish Brown 56	Ann K Stewart 53	Julie F Dussliere 51
Katherine Kaiser 32	Sherrri Nichelma 63	Rebecca A Aten 47	Kathleen J Stutz 41
GERM 10:47.55	Kelly Hajdu 51	SDSM 4:48.77	Linda Webb 78
Denise L Dombay 57	PSM 2:23.98	Cathy Ganze 66	WH20 7:18.71
Lisa M Chin 42	Erin Cyger 52	Alja Tavcar 31	Stephanie N Saisi 26
Dorota M Hassett 46	Shelley B Reimer 54	Kirsten Pursell 56	Jessica W Seaton 70
Rachel W Jung 30	Amy R Wolfe 53	Andra Jaunzeme 70	Irene Wong 39
O*H* 11:43.99	Kathy Pelham 50	WCM 4:52.26	Mary N Church 73
Maddie R Dolce 25	200 M. MEDLEY R WOMEN 200+	Alison Zamanian 53	WISC 7:24.30
Maureen Andree 50	CLUB TRIBE 2:06.51 21	Danielle Boone 58	Jess Lanke 37
Kristi N Tabaj 50	SUSAN WILLIAMS	Karen Duggan 53	Elizabeth Miller 59
Ashley Braniecki 38	KRISTEN HARRIS	Trish Brown 56	Julie Paque 65
MOVY 12:01.76	MARGARET CONZE	CONN 4:58.59	Deborah Hoffman 60
C Spottswood 38	FALL WILLEBOORDSE	Anne McAndrew 44	800 M. FREE REL WOMEN 200+
Bridget Kelly 35	NCMS 2:07.60	Andree M Corr 57	UCLA BRUIN MASTE 9:29.43 13
Melanie Warren 41	Jennifer Mihalik 45	Marta A Taddeo 45	VERONICA HIBBEN
Lisa M Elsener 54	Sara Dunn 51	Sandra Ferreira 62	CHRISTIE CIRAULO
WISC 12:08.19	Erika L Braun 51	MEMO 5:03.41	LAURIE DODD
Erin E Schneider 44	Celia Wolff 57	Vicki Shu 55	ERIKA STEBBINS
Jennifer Moeller 40	TRB 2:15.25	Clare P Burger 56	NEM 11:06.12
Ashley Mankowski 39	Jelena A Kunovac 59	Carrie Hahnel 45	Tracy L Grilli 66
Elyce Dilworth 57	Arlette Godges 59	Y de la Torre 53	Kysa M Crusco 47
MEMO 13:19.98	Ellen M Reynolds 59	LSM 5:17.35	Christie M Hayes 75
Leah E Williams 42	Karin M Wegner 51	Jillian Kunde 43	Lauren E Blake 26
M Stankov-Hodge 43	SHARK 2:17.63	J Baxavanis 48	DAM 11:14.45
Catherine Murillo 35	Ann K Stewart 53	K Hinkamp 64	Helene Nehrebecki 43
Tina M Voight 54	Tricia Good 52	Lynn Morrison 69	Sally K Guthrie 73
200 M. FREE REL WOMEN 200+	Melissa D Varlas 50	MINN 5:17.45	Jennifer Phalen 59
NORTH CAROLINA M 1:51.04 23	Bridget Keller 53	Carrie Stolar 56	Vivian A Crow 26
KERRY LINDAUER	PALM 2:29.40	Nicki J Phillips 54	MINN 11:15.89
ERIKA BRAUN	Hannah Quast 33	Lara Etnier 54	Karen Zemlin 56
CELIA WOLFF	E De Herder 65	Karen Zemlin 56	Nicki J Phillips 54
JENNIFER MIHALIK	Stacey L Bruce 49	Madeleine Layton 28	Lara Etnier 54
NCMS 1:51.04	Susan A Francis 70	Jennifer Attig 49	Rachel Krejci 41
Kerry Lindauer 49	MARY 2:29.79	Heather Huettner 58	SKY 13:33.06
Erika L Braun 51	C Jorgensen 78	Teresa McGiverin 67	E Ford-Clement 25
Celia Wolff 57	Susannah S Walz 71	ARIZ 5:37.66	Dana R Holbrook 50
Jennifer Mihalik 45	Sarah J Sandison 23	Karen Marshall 53	Pamela Luebbe 60
TRB 2:01.17	M Bergamini 60	Brooke Arnone 56	Terri L Friel 66
Arlette Godges 59	WCM 2:31.97	Tori M Fraga 60	WISC 14:22.99
Ellen M Reynolds 59	Alison Zamanian 53	Jane Esahak-Gage 61	Julie Paque 65
Karin M Wegner 51	Karen Duggan 53	MELB 5:38.56	Jess Lanke 37
Jelena A Kunovac 59	Danielle Boone 58	Brooke M Bothun 29	Elizabeth Miller 59
SHARK 2:03.20	Kara L Gray 58	Ann Kealy-Angel 64	Deborah Hoffman 60
Bridget Keller 53	SHARK 2:35.18	K Holloway-Adkins 61	MEMO 14:58.27
Ann K Stewart 53	Cathy A Fedako 62	Christine Zieres 63	Lisa Carboni 62
Rebecca A Aten 47	Joanna M Treon 47	400 M. MEDLEY R WOMEN 200+	Molly Singer 69
Melissa D Varlas 50	Ann L Sherlock 53	NORTH TEXAS LONE 4:48.61 15	Brienne Martin 43
GERM 2:13.03	Heather R Strang 57	STEPHANIE STONE	Koung Chaayasane 39
P Guay-Berry 59	MEMO 2:36.47	MAUREEN REA	200 M. FREE REL WOMEN 240+
Lisa M Chin 42	Clare P Burger 56	LISA MIZE	UCLA 2:02.15 16
Denise L Dombay 57	Carrie Hahnel 45	LYNN MORRISON	JACKI HIRSTY
Dorota M Hassett 46	Vicki Shu 55	SHARK 5:04.51	CHRISTIE CIRAULO
ROSE 2:15.55	Y de la Torre 53	Ann K Stewart 53	JENNY COOK
Nancy L Leichter 52	NCMS 2:41.52	Joanna M Treon 47	VERONICA HIBBEN
Heidi G Khalil 52	Alicia K Uhl 46	Melissa D Varlas 50	MELB 2:09.55
Cecilie Boysen 59	Laura J Byrd 59	Bridget Keller 53	K Parker Palace 62
Cheryl A Simmons 56	Gina Pappas 61	SCAQ 5:15.69	Zena H Courtney 64
CONN 2:15.94	Mary G Dore 60	Marci Baun 55	Brenda Brey 62
Andree M Corr 57	O*H* 2:43.49	R Pescatori 52	Joan Wheeler 59
Marta A Taddeo 45	Kristen Bergmann 51	Ana Fradkin 50	SDSM 2:12.88
Sandra Ferreira 62	Kristi N Tabaj 50	Rachel R Pinto 46	Cindi Connolly 59
Linda Lepeak 59	Ashley Braniecki 38	ROSE 6:08.94	Andra Jaunzeme 70
MEMO 2:18.88	Ann Marshfield 65	Heidi G Khalil 52	Kirsten Pursell 56
Jessica E Moll 51	Y de la Torre 53	Nancy L Leichter 52	Cathy Ganze 66

NEM	2:23.07	Cory Trusty	47	ARLENE DELMAGE	MEMO	19:30.30
Tracy L Grilli	66	Martha Dennis	71	FRANCIE HAFFNER	Lois A Jacobs	80
Beth A Estel	67	MELB	3:02.39	OREG	Sue Bennett	61
Christie M Hayes	75	K Holloway-Adkins	61	Valerie G Jenkins	Erika L Gimbel	53
Christina Baudis	47	Janet Carbin	64	Colette M Crabbe	Ann L McCormick	60
INDY	2:30.95	Ann Kealy-Angel	64	Arlene Delmage		
C Gettelfinger	66	Heidi Wiedamann	61	Francie Haffner		
Dianne Powers	62	ARIZ	3:07.60	CVMM	200 M. FREE REL WOMEN	280+
Dana L Scruggs	64	Brigid J Bunch	60	Helen Cox	LONE STAR MASTER	2:14.25 23
Susie Shuck	58	Jill C Anderson	67	J Weiderman	LYNN MORRISON	
LMSC	2:46.79	Marianne Erickson	71	Shelly R Marshall	JANIE COLE	
Kristin Stephens	45	Janie K Newman	68	Becky Cleavenger	KRISSY MACCURDY	
Martha Dennis	71	DOSA	3:13.92	MELB	J WOOLSLAYER	
Tracy A Hewlett	59	Victoria S Lantto	64	Zena H Courtney	LSM	2:14.25
Linda P Fulton	71	Kristin Norstad	85	K Parker Palace	Lynn Morrison	69
DAM	2:49.10	Gretchen M Koch	42	Joan Wheeler	Janie Cole	70
Jennifer Phalen	59	Michele Vaughan	59	Heidi Wiedamann	Krissy Maccurdy	71
Kathy Gill	69			MELB	J Woolslayer	70
Cecily Sprouse	67	400 M. FREE REL WOMEN	240+	K Holloway-Adkins	SHARK	2:24.66
Sally K Guthrie	73	UCLA	4:30.74 16	Janet Carbin	June Carson	75
MOST	2:53.56	JACKI HIRSTY		Ann Kealy-Angel	Karen Carter	73
Leslie Schueckler	68	CHRISTIE CIRAULO		Karen Torres	Paige A Gill	60
Deborah Pederson	66	JENNY COOK		ARIZ	Diann Uustal	77
Julie O Eakle	63	VERONICA HIBBEN		Liz Scott	ARIZ	2:43.46
Jamie Stewart	75	OREG	4:39.52	Donna M Howard	Christie Altman	74
ARIZ	3:05.59	Francie Haffner	56	Suzanne Hay	Jonelle Schmidt	72
Paige Q Szajnik	64	K Andrus-Hughes	66	Nina M Brown	Katy James	68
Noelle Y Minck	65	Arlene Delmage	61	MOST	Jean M Hofmann	66
Allison R Lehman	66	Valerie G Jenkins	60	Jamie Stewart	ARIZ	2:58.92
Lyn Moreno	75	MELB	4:47.70	Leslie Schueckler	Linda D Bley	69
LSM	3:05.80	K Parker Palace	62	Julie O Eakle	B Gullingsrud	73
K Hinkamp	64	Zena H Courtney	64	Deborah Pederson	Gini Baker	73
Dana Lennon	65	Brenda Brey	62	WISC	Karen M Loring	73
Ida M Hlavacek	81	Joan Wheeler	59	Jeanne E Seidler	MINN	3:13.85
Lynn Morrison	69	WCM	5:22.36	Mary P Schneider	S Lee-Sheridan	71
CPAC	3:05.88	S Heim-Bowen	65	Laurie J Alioto	Babs H Larsen	76
Ginny L Ferguson	64	Sherrri Nichelma	63	Amelia Osterud	AnnLiv Bacon	81
F Levinson	70	Catherine Taylor	60		Loralie Langman	56
Jennifer Batka	54	Kara L Gray	58	800 M. FREE REL WOMEN	DCWW	3:25.24
Leslie Cahill	59	NEM	5:26.90	SWIM MELBOURNE M10:09.82 23	Karyn Baiorunos	75
200 M. MEDLEY R WOMEN	240+	Beth A Estel	67	K PARKER PALACE	Kaixin He	73
OREGON MASTERS	2:18.74 22	Christie M Hayes	75	ZENA COURTNEY	Kathy A Labukas	73
VALERIE JENKINS		Fiona Atkinson	73	KAREN TORRES	Sally Stoecker	69
COLETTE CRABBE		Ines Khiyara	25	JOAN WHEELER		
ARLENE DELMAGE		WH20	5:38.21	MELB	200 M. MEDLEY R WOMEN	280+
K ANDRUS-HUGHES		E Vucinich	43	K Parker Palace	LONE STAR MASTER	2:32.54 23
CVMM	2:28.17	Susan Shore	61	Zena H Courtney	J WOOLSLAYER	
Helen Cox	66	Christie Ciraulo	70	Karen Torres	KRISSY MACCURDY	
J Weiderman	57	Jessica W Seaton	70	Joan Wheeler	JANIE COLE	
Shelly R Marshall	67	ARIZ	6:07.71	CVMM	LYNN MORRISON	
Becky Cleavenger	60	Janie K Newman	68	Becky Cleavenger	LSM	2:32.54
MELB	2:28.89	Kim Thompson	60	Helen Cox	J Woolslayer	70
Zena H Courtney	64	Jill C Anderson	67	Niki F Stokols	Krissy Maccurdy	71
K Parker Palace	62	Marianne Erickson	71	J Weiderman	Janie Cole	70
Brenda Brey	62	MOST	6:23.77	MELB	Lynn Morrison	69
Joan Wheeler	59	Jamie Stewart	75	Janet Carbin	SHARK	2:41.86
WCM	2:46.90	Deborah Pederson	66	Christine Zieres	Diann Uustal	77
S Heim-Bowen	65	Leslie Schueckler	68	Ann Kealy-Angel	Paige A Gill	60
Catherine Taylor	60	Julie O Eakle	63	Heidi Wiedamann	Nancy L Kryka	68
Sherrri Nichelma	63	ARIZ	6:53.67	RHMS	June Carson	75
Nay Albertson	69	Donna M Howard	73	Rachel G Towey	ARIZ	3:09.35
SDSM	2:47.21	Nina M Brown	59	Linda Hepworth	Katy James	68
Karen A Feld	56	Lynn W Mason	69	S Laudenslager	Jonelle Schmidt	72
Andra Jaunzeme	70	Suzanne Hay	60	Annette M Coholan	Christie Altman	74
Kirsten Pursell	56	ARIZ	6:55.80	MOST	Jean M Hofmann	66
Barbara Hall	61	Denise A Daly	57	Jamie Stewart	MOST	3:27.40
INDY	2:48.99	Lonna L Ramsey	64	Deborah Pederson	Deborah Pederson	66
Dianne Powers	62	Kay C Dahlberg	69	Leslie Schueckler	Julie O Eakle	63
Dana L Scruggs	64	Carrie K Curfman	65	Julie O Eakle	Jamie Stewart	75
Susie Shuck	58	MINN	7:13.85	MINN	DeEtte A Sauer	82
C Gettelfinger	66	S Lee-Sheridan	71	Karen P Slakey	PSM	3:36.18
MAM	2:49.94	Margo T Brady	58	Margo T Brady	Andrea M Hunt	75
J Cox	55	Mary R Vonderharr	70	Loralie Langman	Sally A Dillon	77
Susie A Caso	77	Babs H Larsen	76	AnnLiv Bacon	Sarah Welch	76
Rebecca R Perry	59	400 M. MEDLEY R WOMEN	240+	WISC	Mary D Tuffley	75
Ruth Y Shaps	76	OREGON MASTERS	5:07.72 23	Amelia Osterud	DAM	3:40.19
LMSC	2:58.79	VALERIE JENKINS		Mary P Schneider	L Westergaard	80
Linda P Fulton	71	COLETTE CRABBE		Susan Swedler	Ximena Bustamante	63
Celeste Lind	64			Jeanne E Seidler	Sally K Guthrie	73
					Kathy Gill	69

ARIZ	3:53.30	Linda D Bley	69	<b>MEN'S RELAYS</b>		Gunnar W Eichler	26
Gini Baker	73	Gini Baker	73			Derek A Lang	22
B Gullingsrud	73					NOVA	3:40.99
Eleine Greene	72	800 M. FREE REL WOMEN 280+		200 M. FREE REL MEN 72+		Jackson V Odgers	23
Karen M Loring	73					K Grigorian	26
WCM	4:08.31	SARASOTA SHARKS 11:54.09 22		PHOENIX SWIM CLU 1:36.70 17		Rayan Jamshidian	20
Stephanie I Scott	76	DIANN UUSTAL		ELI WONG		Aidan Pastel	26
P Hackett-Evans	77	JUNE CARSON		KEN BARCINAS		PINE	5:01.40
Susan M Collins	74	SUE WATTS		STANISLAV SAIKO		Kevin Euyoque	19
Caroline W Wood	88	NANCY KRYKA		GRANT GAMROTH		J Gonzalez-Flores	23
DCWW	4:51.03	ARIZ	12:31.07	1693	1:36.88	Zail J Bonnick	21
Karyn Baiorunos	75	Christie Altman	74	Jacob Blindenbach	24	Dillon Montee	20
Y Bell Vanderhoof	75	Katy James	68	Marko C Zerunyan	22		
Kathy A Labukas	73	Jean M Hofmann	66	Timothy Dorje Wu	24	400 M. MEDLEY R MEN 72+	
Sally Stoecker	69	Jonelle Schmidt	72	Peter Brukk	23		
MINN	5:06.71	ARIZ	14:11.64	VMST	1:38.63	SWIM FORT LAUDER 3:56.49 13	
S Lee-Sheridan	71	Karen M Loring	73	C Dalla Valle	23	VICENTE ANDRADE	
AnnLiv Bacon	81	Linda D Bley	69	Kevin Mastracci	27	KRISTOF KERTESZ	
Babs H Larsen	76	Liz Scott	68	Gunnar W Eichler	26	ENZO PAZOS	
Sandra A Pierce	80	Gini Baker	73	Derek A Lang	22	JORGE ANDRADE	
		MINN	19:05.86	WCM	1:41.56	VMST	3:58.97
400 M. FREE REL WOMEN 280+		S Lee-Sheridan	71	Carrick G Duggan	19	Kevin Mastracci	27
		Babs H Larsen	76	Cole A Welsh	23	Gunnar W Eichler	26
LONE STAR MASTER 5:03.06 23		Mary R Vonderharr	70	Daniel Rico	27	C Dalla Valle	23
LYNN MORRISON		Sandra A Pierce	80	Corbin M Cooper	27	Derek A Lang	22
JANIE COLE				ARIZ	1:49.66		
KRISSY MACCUDY		200 M. FREE REL WOMEN 320+		I Alexandrovich	21	800 M. FREE REL MEN 72+	
J WOOLSLAYER				Hayden Jacobs	21		
LSM	5:03.06	TAMALPAIS AQUATI 3:22.40 22		Daryl G Kay	23	VIRGINIA MASTERS 8:07.36 23	
Lynn Morrison	69	MARY ALEXANDRE		Noah R Pacheco	22	C DALLA VALLE	
Janie Cole	70	KRISTIN JAFFE		RAA	1:49.88	KEVIN MASTRACCI	
Krissy Maccurdy	71	NANCY RIDOUT		Jason D Howard	22	GUNNAR EICHLER	
J Woolslayer	70	LINDA SHOENBERGER		Matthew T Howard	22	DEREK LANG	
SHARK	5:45.92	No Relays		Baibhav Saraf	20	VMST	8:07.36
June Carson	75			Justin J Gomez	24	C Dalla Valle	23
Karen Carter	73	200 M. MEDLEY R WOMEN 320+				Kevin Mastracci	27
Sue N Watts	69			200 M. MEDLEY R MEN 72+		Gunnar W Eichler	26
Nancy L Kryka	68	WALNUT CREEK MAS 4:09.65 11		CLUB TRIBE	1:45.90 23	Derek A Lang	22
ARIZ	6:10.98	BARBARA OWENS		MARKO ZERUNYAN		1693	8:09.87
Christie Altman	74	ANN HIRSCH		TIMOTHY DORJ WU		C Johnson	23
Katy James	68	JOAN ALEXANDER		PETER BRUKX		Blake Sorrell	22
Jonelle Schmidt	72	DIXIE GERMOLUS		JACOB BLINDENBACH		Marko C Zerunyan	22
Jean M Hofmann	66	No Relays				Peter Brukk	23
OREG	6:36.44			1693	1:45.90		
Janet Gettling	75	400 M. FREE REL WOMEN 320+		Marko C Zerunyan	22	200 M. FREE REL MEN 100+	
Joy Ward	81			Timothy Dorje Wu	24		
Heather C Wiley	66	VMST	7:46.75 15	Peter Brukk	23	GOLDEN ROAD AQUA 1:31.58 15	
Susan J White	68	JOHNNIE DETRICK		Jacob Blindenbach	24	MARIO MARSHALL	
ARIZ	6:47.72	JEANNE MEREDITH		VMST	1:49.96	NICHOLAS KORTH	
Karen M Loring	73	TERRY SOKOLIK		Kevin Mastracci	27	ALEXANDER ACEINO	
B Gullingsrud	73	MARCIA BARRY		Gunnar W Eichler	26	IVAN SERRANO	
Eleine Greene	72	No Relays		C Dalla Valle	23	CHEL	1:38.37
Gini Baker	73	400 M. MEDLEY R WOMEN 320+		Derek A Lang	22	Luca Manfredi	32
				PINE	1:53.65	George Schnaars	28
400 M. MEDLEY R WOMEN 280+		VIRGINIA MASTERS 9:50.03 23		Joshua M Chamak	23	Tom A Lockhart	23
		LAURA WALKER		Zail J Bonnick	21	K von Autenried	25
LONE STAR MASTER 5:54.73 23		SUSAN MARENS		Dayan Ordabayev	28	WH20	1:41.94
J WOOLSLAYER		BARBARA BOSLEGO		Dillon Montee	20	Emilio P De Somma	26
KRISSY MACCUDY		LORENE BLOOD		RAA	2:02.38	Matthias McManus	26
JANIE COLE		VMST	9:50.03	Baibhav Saraf	20	James Sinclair	30
LYNN MORRISON		Laura S Walker	86	Jason D Howard	22	Aaron A Nicholas	31
LSM	5:54.73	Susan E Marens	81	Matthew T Howard	22	MOVY	1:42.28
J Woolslayer	70	Barbara E Boslego	72	Justin J Gomez	24	Uldis Tazans	30
Krissy Maccurdy	71	Lorene E Blood	81	ARIZ	2:06.52	Y El-Demerdash	20
Janie Cole	70			Daryl G Kay	23	Ryan A Smith	31
Lynn Morrison	69	800 M. FREE REL WOMEN 320+		I Alexandrovich	21	Isaac T McKnight	31
NEM	6:46.82			Hayden Jacobs	21	WISC	1:44.33
Beth A Estel	67	TAMALPAIS AQUATI 16:28.51 22		Zachary Windle	31	M Barrowclift	28
Fiona Atkinson	73	MARY ALEXANDRE		400 M. FREE REL MEN 72+		Joshua Lefeber	29
Tracy L Grilli	66	KRISTIN JAFFE		VIRGINIA MASTERS 3:35.65 23		Thomas Prica	26
Christie M Hayes	75	NANCY RIDOUT		C DALLA VALLE		Reid A Pezewski	21
ARIZ	7:22.10	LINDA SHOENBERGER		KEVIN MASTRACCI		MMAC	1:49.72
Christie Altman	74	No Relays		GUNNAR EICHLER		Domonic W Mangino	21
Jean M Hofmann	66			DEREK LANG		Kanta Emoto	24
Katy James	68	VMST	3:35.65			Tony W Borr	34
Jonelle Schmidt	72	C Dalla Valle	23			Ethan I Fisher	30
ARIZ	8:06.70	Kevin Mastracci	27			GBM	1:52.38
Karen M Loring	73					Ethan E Gygas	19
B Gullingsrud	73					Christopher Wong	42

Eric R Florio	36	Daniel Rico	27	CMAC	1:44.73	Hayden H Kim	25
Colby G Bigelow	18	Cole A Welsh	23	Pierre A Jaeggi	22	James Faul1	26
DCAC	1:54.65	DCAC	4:11.28	Diego Pombo	61	MINN	2:00.13
Nate Jo	24	Jeremy J Wojtak	27	Andrew Adams	33	Nate Duncan	28
Jacob S Nishimura	24	Eric M Jeffay	32	Lane J Goedhart	28	Brian L Jacobson	50
Christopher Ewell	29	Nate Jo	24	MINN	1:45.40	Luke Paquin	35
Jeremy J Wojtak	27	Jacob S Nishimura	24	Luke Paquin	35	Owen Young	24
200 M. MEDLEY R	MEN 100+	WISC	4:31.52	Nate Duncan	28	WCM	2:02.69
GOLDEN ROAD AQUA	1:39.29 16	Joshua Lefeber	29	Owen Young	24	Lee D Ward	30
TONY COX		M Barrowclift	28	Brian L Jacobson	50	Daniel Rico	27
NICHOLAS KORTH		Reid A Pezewski	21	DCAC	1:46.64	Jason T Warner	37
MARIO MARSHALL		Thomas Prica	26	Grant C Casey	28	Yue Shen Gu	30
LUKE PECHMANN		400 M. MEDLEY R	MEN 100+	Matthew Gunn	30	TSUN	2:03.22
MOVY	1:54.37	FORD AQUATICS	3:43.64 13	Dylan Monteiro	33	Jonathan Chow	28
Isaac T McKnight	31	DARIAN TOWNSEND		Zachary Windle	31	Brian Lee	41
Uldis Tazans	30	MARCUS TITUS		NOVA	1:46.73	Patrick MacDonald	28
Ryan A Smith	31	TYLER DEBERRY		Dano A Nahabedian	35	Daniel Tan	31
Y El-Demerdash	20	CARL MILLER		Eric Shi	29	CSPM	2:04.03
NOVA	1:55.48	SDSM	4:16.80	Brock Sheela	49	Samuel Weigley	35
Eric Shi	29	Evan Surma	27	Aidan Pastel	26	Jeff Enge	35
Aidan Pastel	26	Ruben Gimenez	31	SPM	1:47.31	Justin L Pasquesi	30
Jackson V Odgers	23	Aditya Kamath	31	Joseph Novak	46	Ramirez Gonzalez	26
Nicholas Chukiat	40	Victor M Huerta	27	Noah G Manera	25	400 M. FREE REL	MEN 120+
NYCH	1:55.67	WH20	4:20.35	Jeffrey Nelson	39	SOUTHERN CAL AQU	3:23.69 09
Noah A Zeigler	23	James Sinclair	30	C Stickle	33	DAN WEGNER	
Brendan Hall	35	Matthias McManus	26	CSPM	1:49.99	ERIK HOCHSTEIN	
Zach T Youssef	22	Emilio P De Somma	26	Jeff Enge	35	ERIK TOLMACHOFF	
Segundo Rienhardt	23	Benjamin Rigby	35	Ramirez Gonzalez	26	MATTHEW MCGINNIS	
WISC	1:56.56	NOVA	4:31.38	Justin L Pasquesi	30	WH20	3:42.70
M Barrowclift	28	Aidan Pastel	26	GERM	1:50.02	S Van Deventer	31
Joshua Lefeber	29	Eric Shi	29	Kempsey Clark	33	Tony Cox	33
Thomas Prica	26	Ivaylo Babalev	32	Ryan R Niemczuk	22	Aaron A Nicholas	31
Reid A Pezewski	21	Rayan Jamshidian	20	Matthew Paushter	44	Carlo M Morante	30
DCAC	2:04.74	ARIZ	4:31.49	Bryan C Rivera	39	WCM	3:44.99
Dylan Monteiro	33	Hayden Jacobs	21	INDY	1:52.10	Andy Grant	38
Jeremy J Wojtak	27	Keisuke Yagi	37	Matthew E O'Neal	37	Marcos Lavado	32
Jacob S Nishimura	24	I Alexandrovich	21	Brett Stoughton	29	Robert M Tiernan	40
Nate Jo	24	Anthony Ray	30	Mac Sogandares	27	Matthew L Rogers	40
ANCM	2:06.19	DCAC	4:33.03	Steven G Byrne	65	WH20	3:56.00
Tyler J Asbacher	19	Patrick M Barrett	42	MEMO	1:52.76	Colin Dueweke	35
Bryce Dibadj	28	Jeremy J Wojtak	27	Jacky R Chen	30	Benjamin Rigby	35
Wynne Kirchner	28	Jacob S Nishimura	24	Justin Pine	31	Emilio P De Somma	26
Carlo Piceno	32	Nate Jo	24	Keevan G Harding	32	Garret S Jacobs	28
MEMO	2:10.25	MMAC	4:36.56	Chasen J Rogers	33	MMAC	3:56.42
Jacky R Chen	30	Kanta Emoto	24	200 M. MEDLEY R	MEN 120+	Domonic W Mangino	21
Keevan G Harding	32	Domonic W Mangino	21	WEST HOLLYWOOD A	1:44.56 23	Kanta Emoto	24
Justin Pine	31	Ethan I Fisher	30	C GIBSON		Tony W Borr	34
Alex Manheimer	24	Tony W Borr	34	S VAN DEVENTER		Matthew Ulrickson	45
GERM	2:12.79	800 M. FREE REL	MEN 100+	TONY COX		MINN	4:06.11
Thomas Tu	25	NEW ENGLAND MAST	7:43.72 13	AARON NICHOLAS		Ben Kosieradzki	31
Ryan R Niemczuk	22	TOBIAS WORK		WH20	1:44.56	Joshua A Tomashek	34
Kempsey Clark	33	MICHAEL EMMONS		C Gibson	40	Luke Paquin	35
Steven Krempasky	36	DANIEL MORAN		S Van Deventer	31	Anthony Challeen	32
WH20	2:20.79	ERIC NILSSON		Tony Cox	33	SPM	4:06.87
Matthew Wallace	35	NOVA	8:53.07	Aaron A Nicholas	31	Joseph Novak	46
Brady Ryan	30	K Grigorian	26	WCM	1:53.35	Jeffrey Nelson	39
Emilio P De Somma	26	Rayan Jamshidian	20	Matt Boone	34	C Stickle	33
Garret S Jacobs	28	Nicholas Chukiat	40	Cole A Welsh	23	Noah G Manera	25
400 M. FREE REL	MEN 100+	Aidan Pastel	26	Andy Grant	38	NOVA	4:11.44
GOLDEN ROAD AQUA	3:24.61 15	DCAC	9:40.67	Kyle N Remmert	27	Nicholas Chukiat	40
ALEXANDER ACEINO		Jeremy J Wojtak	27	USF	1:55.60	Dano A Nahabedian	35
NICKOLAS POPOV		Christopher Ewell	29	M Fuzellier	43	Ivaylo Babalev	32
MARIO MARSHALL		Tyler S Walton	34	Jon Christensen	33	Eric Shi	29
DIMITRI COLUPAEV		Nate Jo	24	Matthew Valentine	29	TNYA	4:12.44
WH20	3:47.00	200 M. FREE REL	MEN 120+	John Samotyj	42	Kyle Simpson	29
Matthew Howard	24	SOUTHERN CAL AQU	1:32.97 09	WH20	1:57.56	Jonathan Bermudez	37
Matthias McManus	26	MATTHEW CORNUE		Carlo M Morante	30	Shane Donovan	30
Nikita Bondarenko	28	MATTHEW MCGINNIS		Benjamin Rigby	35	Jaszver Bauzon	39
Jae Park	28	PETER FORD		Colin Dueweke	35	DSST	4:27.14
ARIZ	4:02.40	DAN WEGNER		Isaac Trumbo	38	William Presant	32
I Alexandrovich	21	WH20	1:37.54	DCAC	1:57.63	Michael Pelayo	33
Hayden Jacobs	21	S Van Deventer	31	Patrick M Barrett	42	James A Coloma	44
Anthony Ray	30	Tony Cox	33	Matthew Gunn	30	Nathan P Serrano	22
Matt Collingwood	30	Benjamin Rigby	35	Zachary Windle	31	GBM	4:31.59
WCM	4:04.85	C Gibson	40	Grant C Casey	28	Alex Ferris	23
Prashanth Ganesh	25			BURN	1:58.94	John E Sullivan	49
Kyle N Remmert	27			Evan P Brophy	28	Matthew Whitford	48
				Luke Bagnaschi	42	Colby G Bigelow	18

400 M. MEDLEY R	MEN	120+	Scott Cooksey	34	LRM	1:52.53	MINN	4:05.81	
			Billy X Chambers	24	Julian A Bickell	42	Christopher Rupp	43	
WEST HOLLYWOOD A	3:53.59	23	CONN	9:46.93	Srdan Markovic	40	Ryan M Hess	43	
C GIBSON			Rob Duguay	38	C Schildknecht	38	Jesse D Moore	38	
S VAN DEVENTER			Christopher Doyle	59	Noel M Strauss	51	Schneider-Bateman	44	
TONY COX			Domenick Errico	31	MELB	1:58.29	SDSM	4:08.21	
AARON NICHOLAS			Timofey Karginov	28	Benjamin Lo-Pinto	47	Kevin Hoff	35	
WH20	3:53.59		MINN	10:39.79	Ryan P Ruddy	47	Kevin Mendenhall	40	
C Gibson	40		Gabriel W Hartog	30	Matthew F Regan	43	Jeffrey Carlson	34	
S Van Deventer	31		Joshua A Tomashek	34	B.J. Graham	47	Kenton R Jones	56	
Tony Cox	33		Anthony Challeen	32	ROSE	1:59.22	LSM	4:14.64	
Aaron A Nicholas	31		Ben Kosieradzki	31	Jose C deSouza	52	Mark Glass	49	
NEM	4:29.03				Kevin R Quinn	48	Brad Harman	55	
A Geiersbach	25		200 M. FREE REL	MEN	160+	Joshua Schwartz	46	Scott Hiemke	51
Alex Muni	27		LONGHORN AQUATIC	1:35.44	08	Ronald D Scott	52	Alexander Garriga	27
Patrick S Foley	43		TYLER BLESSING			NCMS	2:00.15	LMSC	4:16.66
Christian Avard	51		MIKE VAROZZA			John C Moore	61	Mike Garcia	31
MINN	4:44.04		ANDERS RASMUSSEN			David B Dunson	51	Andy Kroupa	54
Luke Paquin	35		M STINCHCOMBE			Michael B Forbes	41	Brodie Hynes	49
Joshua A Tomashek	34					Matthew J Rimmer	36	Andy Matthias	48
Ben Kosieradzki	31		LRM	1:40.42		WCM	2:00.93	WH20	4:17.78
Anthony Challeen	32		C Schildknecht	38	Jay M Wolberg	47	C Gibson	40	
WISC	4:51.02		Srdan Markovic	40	Mark W Merlo	45	Jeffrey Peterson	45	
Todd M Murray	44		Julian A Bickell	42	Matthew L Rogers	40	Craig Sine1	49	
Joshua Lefeber	29		Noel M Strauss	51	Harry J Ein	45	Isaac Trumbo	38	
M Barrowclift	28		WCM	1:48.93	LMSC	2:02.09	RPM	4:21.67	
Thomas Prica	26		Matthew L Rogers	40	Andy Kroupa	54	Ron Taylor	63	
WH20	4:53.06		Andy J Nonaka	44	Mike Garcia	31	Kevin Horan	39	
Colin Dueweke	35		Mark W Merlo	45	Andy Matthias	48	Brendan Chua	38	
Isaac Trumbo	38		Jay M Wolberg	47	Dimitri Delazanos	38	Stephen J Frink	38	
Craig Sine1	49		MINN	1:50.19	WCM	2:04.01			
Matthew Wallace	35		Christopher Rupp	43	Chad D Holbrook	44	400 M. MEDLEY R	MEN	160+
NEM	5:18.23		Ryan M Hess	43	Andy J Nonaka	44	LONGHORN AQUATIC	3:50.93	08
Max C Zbikowski	21		Jesse D Moore	38	Robert M Tiernan	40	ANDERS RASMUSSEN		
Nicholas W Grogan	20		Schneider-Bateman	44	Jonathan Flakoll	49	TODD BARTEE		
Ryan Pope	34		LSM	1:52.11	SPM	2:05.39	TYLER BLESSING		
Steve Holt	72		Mark Glass	49	C Stickle	33	MIKE VAROZZA		
DSST	5:23.70		Brad Harman	55	Michael R Smith	66	LRM	4:20.00	
James A Coloma	44		Scott Hiemke	51	Noah G Manera	25	Byron Shefchik	49	
Michael Pelayo	33		Alexander Garriga	27	Jeffrey Nelson	39	C Schildknecht	38	
Arcadio J Cancino	29		SDSM	1:52.21	DDSA	2:06.56	Noel M Strauss	51	
James Ellis	45		Pascal Monney	50	Jeff Commings	49	Srdan Markovic	40	
TNYA	5:26.94		Martin Armstrong	53	Marcelo L Cabral	53	ROSE	4:28.92	
Austin Schinlever	28		Victor M Huerta	27	Julien M Mathias	28	David A Popko	46	
Paul Martecchini	59		Tracy C Merrill	38	M Sorbellini	48	Kevin R Quinn	48	
Elliot G Silva	30		LMSC	1:54.37	TNYA	2:07.18	Joshua Schwartz	46	
Michael Tynan	42		Mike Garcia	31	Kozo Suzuki	60	Ronald D Scott	52	
			Andy Kroupa	54	Jonathan Bermudez	37	MINN	4:34.20	
800 M. FREE REL	MEN	120+	Adriano A Almeida	51	Shane Donovan	30	Christopher Rupp	43	
			Andy Matthias	48	Stephen A Hooper	39	Ryan M Hess	43	
SOUTHERN CAL AQU	7:44.51	09	NEM	1:54.48		400 M. FREE REL	MEN	160+	
DAVID SCHLESINGER			John W Strehle	58	LONGHORN AQUATIC	3:32.44	09	Jesse D Moore	38
DAN WEGNER			Ian Strehle	21	ANDERS RASMUSSEN			Schneider-Bateman	44
ERIK TOLMACHOFF			Andrew P Strehle	54	TODD BARTEE		MELB	4:35.79	
ERIK HOCHSTEIN			Joseph A Neikirk	43	TYLER BLESSING		Benjamin Lo-Pinto	47	
WCM	7:46.50		NERD	1:55.68	MIKE VAROZZA		Ryan P Ruddy	47	
Andy Grant	38		Jon Bengtson	46	LRM	3:58.90	B.J. Graham	47	
Corbin M Cooper	27		Gregor J McLeod	63	Srdan Markovic	40	Mark Palace	50	
Gregory W Harper	31		Price J Agnew	24	Noel M Strauss	51	SDSM	4:37.66	
Lee D Ward	30		Samuel F Harris	41	D. Huckabay	59	Joerg Grasser	49	
WH20	8:41.25		L4S	1:56.78	C Schildknecht	38	Jeff S Carlson	34	
Matthew Howard	24		Robert B Andrews	42	WCM	4:00.45	Victor M Huerta	27	
S Van Deventer	31		Brian W Ellis	56	Chad D Holbrook	44	Martin Armstrong	53	
Aaron A Nicholas	31		Christopher House	60	Andy J Nonaka	44	NOVA	4:38.38	
Craig Sine1	49		John W Ko	37	Harry J Ein	45	Adil Assouab	31	
DSST	9:23.97		KFAC	1:56.82	Jonathan Flakoll	49	Michael D Collins	57	
William Present	32		Gregory Bird	46	DAM	4:01.59	Travis Bartosh	40	
Arcadio J Cancino	29		Sean P Correll	56	Matthew T Zachan	37	Peter S Moore	51	
Todd O MacDonald	46		Jake A Conca	48	Luke B Shaffer	29	LMSC	4:41.59	
Nathan P Serrano	22		Mark Lorson	38	Matt Roper	42	Brodie Hynes	49	
TNYA	9:27.18		200 M. MEDLEY R	MEN	160+	Brad Winsor	52	Mike Garcia	31
Shane Donovan	30		LONGHORN AQUATIC	1:45.13	08	DCAC	4:02.63	Andy Kroupa	54
Elliot G Silva	30		ANDERS RASMUSSEN			Zachary Windle	31	Dimitri Delazanos	38
Kyle Simpson	29		TODD BARTEE			Patrick M Barrett	42	TNYA	4:57.50
Kozo Suzuki	60		TYLER BLESSING			Jeffrey Atteberry	42	Kyle Simpson	29
SKY	9:35.68		MIKE VAROZZA			WonKee Moon	49	Jonathan Bermudez	37
Manuel Nieto	43							Kozo Suzuki	60
Gregory G Willett	26							Jaszver Bauzon	39

NEM	4:58.29	PALM	1:52.78	Dan Borton	55	400 M. MEDLEY R	MEN	200+
Andrew P Strehle	54	Nathan Janos	43	Thomas S Taylor	64	LONGHORN AQUATIC 3:59.68 12		
John W Strehle	58	Garrett D Ruhland	35	Chuck Barnes	47	ANDERS RASMUSSEN		
Joseph A Neikirk	43	Jay Brzezinski	76	Carlo Waldfried	55	DAVID GUTHRIE		
Ian Strehle	21	Matt Goodrich	52	Stuart I Cromarty	59	JIM SAUER		
SDSM	5:06.44	DAM	1:52.99	Phil Wright	76	MIKE VAROZZA		
Tracy C Merrill	38	Brad Winsor	52	MELB	2:13.69	NEM		4:36.63
Jorge Agudelo	32	Stuart L Kahn	70	Kirk W Clear	56	Trent Theroux		56
Darrell Jett	65	Matt Roper	42	Robert W Spence	61	Carlo Waldfried		55
Pascal Monney	50	Kent A Anderson	51	Joe Wotton	64	Chuck Barnes		47
800 M. FREE REL	MEN	160+	WCM	1:53.18	Marlon Sanchez	Kaan Duru		53
Jonathan Flakoll		49	SCYM	2:14.39	Jose J Faria	Eric W Czander		4:53.81
Ili Selinger		50	David O'Dougherty	38	Charles Cockrell			58
Hector Chao		59	P Mikalainis	42	Jeffrey Atteberry			55
Chad D Holbrook		44	Ed M Tsuzuki	65	WonKee Moon			42
NOVA	1:53.20	NOVA	1:53.20	ARIZ	2:15.21	MELB		5:07.29
Peter S Moore	51	Peter S Moore	51	Aung Sann Oo	42	Kirk W Clear		56
Dave Bartels	52	Dave Bartels	52	Dave Evans	62	Robert W Spence		61
Brock Sheela	49	Joe E Tack	65	Marc A Valle	49	Joe Wotton		64
IAMA	1:55.67	Tom P Kealy	67	Theodore Collins	60	Marlon Sanchez		56
Matthew R Howell	30	Matthew R Howell	30	400 M. FREE REL	MEN	200+		
Neal S Okerbloom	43	Stan LeMaster	76	BLU FROG TEAM	3:40.26	11		
INDY	1:55.69	Christopher Front	54	CHARLES LYDECKER				
Christopher Front	54	Jeffrey B Halbert	49	ROSS BOHLKEN				
Jeffrey B Halbert	49	Brian V Powers	49	KEITH SWITZER				
Brian V Powers	49	Jeff Berebitsky	48	AMBROSE GAINES				
DCAC	1:56.78	DCAC	1:56.78	UCLA	3:48.46			
Carr Phillips	58	Carr Phillips	58	Timothy Olyphant	55			
Darren A Fenwick	44	Darren A Fenwick	44	Tito Morales	64			
Christopher Egan	50	Christopher Egan	50	Scott M Hubbard	51			
WonKee Moon	49	WonKee Moon	49	Markus A Rogan	41			
PSM	1:57.32	Atle Rist	52	ROSE	3:51.57			
Atle Rist	52	Nick Schnee	49	Ronald D Scott	52			
Nick Schnee	49	Brad Jones	57	Kevin R Quinn	48			
Brad Jones	57	Peter Nimb	59	Ross Breitenbach	55			
Peter Nimb	59	Todd Wehmann	51	Bob Baldocchi	55			
MEMO	1:58.21	Matt Rogers	53	SVY	3:59.11			
Todd Wehmann	51	Paul D Doolley	55	Jeremy Gross	52			
Matt Rogers	53	Daniel R Jegers	54	Gary Sangmeister	52			
Paul D Doolley	55	200 M. MEDLEY R	MEN	Jeffrey P Evans	57			
Daniel R Jegers	54			Greg Rees	54			
Keevan G Harding	32			SDSM	4:13.10			
200 M. MEDLEY R	MEN	200+		Kenton R Jones	56			
NOVAQUATICS MAST	1:46.84	23		Tore Blichfeldt	60			
PETER MOORE				Nathan Ascher	52			
STEVE WEST				Jorge Agudelo	32			
ROBERTO DELGADO				DCAC	4:13.83			
YANN DE FABRIQUE				Carr Phillips	58			
NOVA	1:46.84			Neill Williams	55			
Peter S Moore	51			Eric W Czander	58			
Steve West	51			Frederick Dever	58			
Roberto E Delgado	48			NEM	4:20.95			
Yann De Fabrique	50			Chuck Barnes	47			
UCLA	1:54.93			Carlo Waldfried	55			
Markus A Rogan	41			Stuart I Cromarty	59			
John C Moffet	59			Majed Elturkmani	69			
Timothy Olyphant	55			WCM	4:28.70			
Scott M Hubbard	51			Jeff A Stegner	58			
CVMM	2:00.83			Ili Selinger	50			
Matthew N Biondi	58			Hector Chao	59			
Don G Smith	62			John S Travale	55			
Kelly S Karren	50			MELB	4:31.74			
Scott L Adair	60			Joe Wotton	64			
LSM	2:01.46			Marlon Sanchez	56			
D Mastracchio	49			James E Cardozo	53			
Alexander Garriga	27			Kirk W Clear	56			
Michael B Doyle	59			PSM	4:41.86			
Robert Kelsoe	70			David J Scott	57			
INDY	2:09.68			Peter Nimb	59			
Brian V Powers	49			Michael Porter	57			
Jeffrey B Halbert	49			Brad Payne	60			
Jeff Berebitsky	48			NBM	4:50.23			
Christopher Front	54			Lex Pegues	63			
ROSE	2:10.87			Michael Turpin	57			
Bob Baldocchi	55			Russell L Hubbard	62			
Mark D Fleming	59			Nathan G Tresch	28			
800 M. FREE REL	MEN	200+						
BLU FROG TEAM	1:38.79	10						
AMBROSE GAINES								
KEITH SWITZER								
MARC MIDDLETON								
SCOT WEISS								
ROSE	1:43.84							
Kevin R Quinn	48							
Ronald D Scott	52							
Joshua Schwartz	46							
Bob Baldocchi	55							
800 M. FREE REL	MEN	200+						
BLU FROG TEAM	8:03.40	11						
AMBROSE GAINES								
CHARLES LYDECKER								
TIM BUCKLEY								
KEITH SWITZER								
ROSE	8:52.42							
Ronald D Scott	52							
Joshua Schwartz	46							
Ross Breitenbach	55							
Jose C deSouza	52							
DCAC	9:36.44							
WonKee Moon	49							
Jeffrey Atteberry	42							
Frederick Dever	58							
Carr Phillips	58							
LSM	10:22.08							
Brad Harman	55							
Mark Glass	49							
Nick Merrill	66							
Michael B Doyle	59							

MELB	10:29.07	WCM	2:05.96	L MEISENHEIMER	John Q Dickmann	64	
Matthew F Regan	43	Patrick M Duggan	60	RICHARD ABRAHAMS	Jose Pontes	66	
B.J. Graham	47	David B Burnett	68	LSM	4:18.90	NEM	5:46.47
Joe Wotton	64	Peter Guadagni	68	Jay W Leigh	65	Duncan P RyanMann	70
Mark Palace	50	Karsten Gronert	58	Tom Wolf	69	L.J. Ganser	67
NEM	11:09.01	ARIZ	2:09.90	Jack W Gooding	70	Chris Plankey II	45
Stephen Foley	51	Mark Modjeska	70	Bruce F Williams	70	Timothy T Gore	61
Chris Plankey II	45	Robert C Huck	72	WCM	4:19.59	ARIZ	5:53.31
Timothy T Gore	61	Mark Oliver	66	Kenneth W Tittle	60	Dave Evans	62
L.J. Ganser	67	David A Sparks	50	Patrick M Duggan	60	Rich S Goldsand	68
SWOUT	11:13.53	ARIZ	2:10.05	Steven V Ennis	60	Theodore Collins	60
Samuel Zweibelson	49	Ke Wang	67	Jon Boone	60	G Esahak-Gage	65
Joe W Clauson	52	Steven R Willer	69	NOVA	4:31.77	ARIZ	5:56.72
Brian A Coakley	55	Rome Yount	63	Bruce W Thomas	66	Robert C Huck	72
Brian A Harper	49	Larry John	62	Mark A Montgomery	67	Mark Oliver	66
FAFF	11:25.32			Toby Weissert	65	Mark Modjeska	70
Steven V Karl	61	200 M. MEDLEY R	MEN 240+	Joe E Tack	65	David A Sparks	50
Carl Ingebretsen	62			MOVY	4:31.80	WH20	6:27.45
Daniel Levy	54	RICE AQUATIC MAS	1:54.15 18	Brad Wells	62	Thomas J Wilson	69
Jonathan R De Leo	31	JAY YARID		Jeff Schmidt	60	Jon Garrison	43
MINN	11:50.45	DAVID GUTHRIE		Brent D Miller	64	Charles Myers	70
Kevin T Kirsch	53	JOHN FIELDS		Rob Poste	57	Mike J Wallace	67
Andrew J Dotson	48	BRUCE WILLIAMS		NEM	4:37.24	KM	6:36.94
Gerald F Tyrrell	60	DCAC	2:07.48	Bob Tyler	61	Stephen A Tanner	70
Mark E Larson	60	Carr Phillips	58	William P Davis	65	Howard W Burns	72
LBG	12:15.84	Neill Williams	55	Bob R Plencner	71	Dan Sheahan	66
Brendan C Hickey	57	Frederick Dever	58	Niclas K Ohman	49	Michael Augustine	49
Eason Wang	21	Craig J Franz	70	WCM	4:48.50		
Bart Parnes	67	WCM	2:10.67	David S Kemler	65	800 M. FREE REL	MEN 240+
C Peoples	60	Patrick M Duggan	60	David B Burnett	68		
TNYA	12:27.24	Kenneth Halbrecht	63	Loren Druz	67	VENTURA COUNTY M	8:50.43 15
Thomas G Geline	66	Kenneth W Tittle	60	Dean Ottati	63	JIM MC CONICA	
Federico Sanna	36	Jon Boone	60	CVMM	4:57.51	GLENN GRUBER	
Charles A Carson	69	LSM	2:11.29	Mike Matthews	61	MICHAEL BLATT	
Paul Martecchini	59	Tom Wolf	69	Bill Marshall	68	MIKE SHAFFER	
		Nick Merrill	66	Tom N Pani	67	WCM	9:23.97
		Robert Kelsoe	70	Keith A Robinson	65	Greg A Remmert	61
		Bruce F Williams	70	ARIZ	5:01.00	Bradley Gotthberg	61
200 M. FREE REL	MEN 240+	NOVA	2:13.48	James Spiegel	76	Hector Chao	59
BLU FROG TEAM	1:43.21 12	Toby Weissert	65	Ke Wang	67	Jon Boone	60
RICHARD ABRAHAMS		Brock Sheela	49	Michael Schwarz	59	WISC	10:04.28
MARC MIDDLETON		Mark A Montgomery	67	Larry John	62	Thomas M Grisa	61
L MEISENHEIMER		Joe E Tack	65	WMST	5:05.12	Mark J Steinhafel	62
ROSS BOHLKEN		MOVY	2:20.34	Richard T Schultz	39	Scott J Richards	63
LSM	1:53.47	Brad Wells	62	Allan G King	65	James S Fischer	60
Jack W Gooding	70	Rob Poste	57	Steve G White	63	NOVA	10:05.71
Jay W Leigh	65	Anthony Thompson	59	Greg J Tharp	73	Joe E Tack	65
Tom Wolf	69	Robert R Ferenc	63	KM	5:15.95	Dave Bartels	52
Bruce F Williams	70	LAPS	2:21.14	Stephen A Tanner	70	Mark A Montgomery	67
DCAC	1:54.79	Steven T Powell	56	Rod B Wharton	67	Michael D Collins	57
Neill Williams	55	Greg W Heyes	69	Dan Sheahan	66	NEM	10:58.16
Frederick Dever	58	Duncan Q McBride	69	Michael Schwegel	47	William P Davis	65
Craig J Franz	70	Eric Jones	70	400 M. MEDLEY R	MEN 240+	Bob Tyler	61
Carr Phillips	58	ROSE	2:26.64	RICE AQUATIC MAS	4:19.86 18	Mark A Keil	70
WCM	1:56.69	Frank E Campbell	65	JAY YARID		Niclas K Ohman	49
Jon Boone	60	Charles C Stevens	54	DAVID GUTHRIE		ARIZ	11:14.20
Loren Druz	67	David A Popko	46	JOHN FIELDS		Michael Schwarz	59
Kenneth W Tittle	60	Michael Farmer	76	BRUCE WILLIAMS		Rome Yount	63
Stephen Stahl	58	LMSC	2:27.39	DCAC	4:40.93	Terry Heggy	69
NEM	1:58.09	Dean Dickmann	62	Carr Phillips	58	Larry John	62
Matthew R Gilson	56	Thomas B Seibert	65	Neill Williams	55	CVMM	11:33.00
Trent Theroux	56	Kurt Dickmann	60	Frederick Dever	58	Dominic Ybarra	42
Stuart I Cromarty	59	Kurt Dickmann	60	Craig J Franz	70	Richard Scoggins	68
Phil Wright	76	Wayne L Baker	65	NOVA	4:59.34	Clive G Edwards	70
LAPS	1:59.63	WCM	2:27.62	Toby Weissert	65	Keith A Robinson	65
Steven T Powell	56	David S Kemler	65	Mark A Montgomery	67	MOVY	12:08.11
Greg W Heyes	69	Peter Guadagni	68	Brock Sheela	49	Joshua D Thompson	35
Eric Jones	70	David B Burnett	68	Joe E Tack	65	Bill Sherman	65
Duncan Q McBride	69	Loren Druz	67	LSM	5:04.66	Marco I Recalde	69
VMST	2:04.03	CONN	2:27.71	Tom Wolf	69	David B Feingold	74
Algernon J Keith	63	Gerald O Burbank	64	Nick Merrill	66	LBG	12:15.73
Harry M Sober	80	Patrick Jamin	51	Michael B Doyle	59	Jeffrey Dobra	69
James Daly	52	Rommin Adl	59	Robert Czerwinski	60	Kim J Onisko	67
Peter T Lillehei	51	Jim Randel	74	LMSC	5:43.39	Rick Miller	76
NOVA	2:05.62	400 M. FREE REL	MEN 240+	Dean Dickmann	62	Thomas E Sheahan	58
James Riddle	61	BLU FROG TEAM	3:56.97 12	Wayne L Baker	65	SKY	12:34.58
Mark A Montgomery	67	ROSS BOHLKEN				Matt Ronau	52
Toby Weissert	65	MARC MIDDLETON				Daniel Mattingly	60
George W Serbia	63						

G VanMeter-Jr	68	Keith Richey	71	ARIZ	5:47.46	SHARK	10:16.77
Larry Hunt	76	Bill Sherman	65	William W Travis	75	Jeffrey Boatright	70
DCWV	14:19.03	PSM	2:28.02	William E Shaw	67	Rick B Walker	73
Luis R Salazar	57	William B Hayes	72	Earl C Peters	72	Bert Bowers	69
Lawrence Thurston	71	Greg S Walsh	70	Dale Wiseley	71	Jack R Martin	72
Marvin Blount	72	Rick Colella	72	DCAC	5:50.77	MICH	11:29.40
Bruce D Bradford	74	John C Holzbach	70	Jeffrey D Mead	67	Chuck A Olson	73
200 M. FREE REL	MEN 280+	ARIZ	2:45.73	Jack Markey	71	Gaard Arneson	75
GOLD COAST MASTE	1:54.44 15	Bill Ton	76	Barry Haddan	72	David P Mange	68
KEEFE LODWIG		Douglas Springer	77	Ken R Beier	74	Frank Thompson	72
JAN SODERSTROM		Steven R Willer	69	MINN	6:29.18	SKY	11:40.58
LEE CHILDS		Claude D Wise	72	Wayne A Helm	74	James M Keller	70
DAVID QUIGGIN		LMSC	2:48.29	Curtis L Nelson	67	Jon Shastid	75
PSM	2:06.51	Kenneth R Hickey	78	Mark Kaplan	74	Jim Grubbs	69
William B Hayes	72	Mike Freshley	82	Bill Durell	73	Edward E Bell	70
Greg S Walsh	70	John Q Dickmann	64	WCM	6:58.43	MEMO	12:31.86
John C Holzbach	70	Thomas W Peek	76	Jerry R Jimenez	67	Stephen A Small	71
Rick Colella	72	MEMO	2:50.87	Jon Y Kubokawa	68	Dan Winterrowd	73
VMAS	2:12.66	Jeffrey Citron	68	Jesse B Smyers	77	David Benjamin	74
Mark C Ross	76	Stephen A Small	71	Rick Silvey	81	Jeffrey Citron	68
Mark S Finley	65	James B Kennedy	72	400 M. MEDLEY R	MEN 280+	WCM	12:32.71
Randy Simons	75	Dan Winterrowd	73	VENTURA COUNTY M	4:59.48 19	Dean Ottati	63
Robert R Lundeen	64	WH20	2:53.26	STEVEN HECK		Donald P Hanna	65
MINN	2:21.39	Paulo Figueiredo	77	HUBIE KERNS		Michael S Piazza	77
Marc Anderson	74	Mauro Bordovsky	67	GLENN GRUBER		Keith S Feiring	76
M Rothweiler	75	Charles A Larson	71	BRUCE ROLLINS		WCM	12:36.46
Didier B Lamour	66	Mike J Wallace	67	MOVY	5:51.99	Loren Druz	67
Curtis L Nelson	67	DCAC	2:54.70	Bob Welchlin	66	Peter Guadagni	68
MEMO	2:27.68	Jack Markey	71	Dave Noble	80	David S Kemler	65
James B Kennedy	72	Barry Haddan	72	Bill Sherman	65	Rick Silvey	81
Stephen A Small	71	Kevin M Majoros	63	Keith Richey	71	DCAC	12:59.17
Dan Winterrowd	73	Ken R Beier	74	ARIZ	6:21.08	Craig J Franz	70
Jeffrey Citron	68	GERM	2:55.35	Rex L Dickman	68	Jack Markey	71
ARIZ	2:29.83	Stephen Wright	74	Dale Wiseley	71	Barry Haddan	72
Bill Ton	76	Ronald E Greger	79	Bernard R Sauve	69	Ken R Beier	74
Craig A Shaffer	77	Mark C Walters	71	Earl C Peters	72	MINN	13:29.53
Douglas Springer	77	Gilberto R Hall	67	MINN	6:24.31	Marc Anderson	74
Claude D Wise	72	Marc Anderson	74	Marc Anderson	74	Ralph S Bovard	71
NEM	2:31.29	David C Arlander	82	Didier B Lamour	66	Kent Quackenbush	76
Bob R Plencner	71	Robin T Kleffman	76	Robin T Kleffman	76	Gary M Fine	73
David Edsall	75	Ralph S Bovard	71	Ralph S Bovard	71	GERM	13:33.48
Larry M Dunham	85	400 M. FREE REL	MEN 280+	GERM	6:34.88	Stephen Wright	74
Niclas K Ohman	49	SARASOTA SHARKS	4:19.08 21	David L Robinson	80	Mark C Walters	71
DCAC	2:33.83	JACK GROSELLE		Gang Luo	64	Greg Nelson	63
Jack Markey	71	JEFFREY BOATRIGHT		Scott Golden	60	David L Robinson	80
Barry Haddan	72	BOB COUCH		Roger M Golden	81	MINN	14:32.31
Ken R Beier	74	RICK WALKER	4:38.23	DCAC	6:44.81	Robin T Kleffman	76
Kevin M Majoros	63	SHARK	4:38.23	Jeffrey D Mead	67	Wayne A Helm	74
LMSC	2:33.95	Rick B Walker	73	Jack Markey	71	Bill Durell	73
Wayne L Baker	65	Lee Childs	75	Barry Haddan	72	Mark Kaplan	74
Kenneth R Hickey	78	Jack R Martin	72	Ken R Beier	74	200 M. FREE REL	MEN 320+
Thomas B Seibert	65	Bert Bowers	69	ARIZ	7:04.93	TAMALPAIS AQUATI	2:12.76 23
Mike Freshley	82	MOVY	5:13.94	Bill Ton	76	RICHARD BURNS	
ROSE	2:36.15	Bill Sherman	65	Craig A Shaffer	77	PETER ANDERSEN	
Peter E Ronay	81	Bob Welchlin	66	Steven R Willer	69	ED REED	
Winston Uchiyama	66	Dave Noble	80	Steve W Truesdale	70	TONY RALPHS	
Michael Farmer	76	Marco I Recalde	69	WH20	7:06.49	TAM	2:12.76
Frank E Campbell	65	MEMO	5:31.87	Paulo Figueiredo	77	Richard Burns	80
PSM	2:39.24	James B Kennedy	72	Mauro Bordovsky	67	Peter Andersen	80
Steven Louis	70	Stephen A Small	71	Errol Graham	64	Ed Reed	80
Dick A Peterson	86	Dan Winterrowd	73	Bill W Donovan	80	Tony Ralps	80
Bill Galvani	76	Jeffrey Citron	68	SDSM	7:48.70	SHARK	2:24.91
Robert T Pilger	80	ARIZ	5:31.87	Bill Walsh	66	Lee Childs	75
200 M. MEDLEY R	MEN 280+	Terry Heggy	69	Monte W Gast	76	Bob E Couch	76
SARASOTA SHARKS	2:10.97 22	Steven R Willer	69	Renz N Benton	44	David Oakes	83
JEFFREY BOATRIGHT		Steve W Truesdale	70	Donald J Hubbard	96	David R McIntyre	86
JACK GROSELLE		Claude D Wise	72	MINN	8:06.07	MINN	2:50.13
LAWRENCE DAY		LSM	5:35.22	Gary M Fine	73	Robin T Kleffman	76
LEE CHILDS		Thomas J Dillon	82	Mark Kaplan	74	Pete Magee	86
SHARK	2:19.52	Philip Verges	58	Bill Durell	73	David C Arlander	82
Jeffrey Boatright	70	Robert Kelsoe	70	Kent Quackenbush	76	Kent Quackenbush	76
Rick B Walker	73	Bruce F Williams	70	800 M. FREE REL	MEN 280+	GOLD	3:03.37
Lee Childs	75	PSM	5:36.78	SARASOTA SHARKS	9:45.48 22	R Pendergrass	82
Bert Bowers	69	Scott J Neuhaus	69	BILL BRACKETT		Michael A Dively	85
MOVY	2:25.29	Dan Underbrink	67	LAWRENCE DAY		Bill Dykstra	86
Bob Welchlin	66	Steven Louis	70	LEE CHILDS		Marcos Szeinfeld	78
Dave Noble	80	Stephen W Fogg	75	RICK WALKER		RMST	4:33.09
						Frank T Manheim	93
						Gordon M Gerson	87



Nick Nobbe	85	800 M. FREE REL	MEN	320+	CWUSC	2:17.01	NEM	1:58.30		
Larry S Snowwhite	77				Elijah Rinehart	18	Aron C Reynolds	31		
200 M. MEDLEY R	MEN	320+			Carly Kahler	20	Ines Khiyara	25		
TAMALPAIS AQUATI	2:37.06	23			Laci Marcott	20	Brittany Butcher	38		
RICHARD BURNS					Connor Wrynn	19	A Carder-Cannillo	24		
PETER ANDERSEN					400 M. FREE REL	MIXED	72+	MEMO	2:03.41	
ED REED								Tammy H Choy	33	
TONY RALPHS					METRO MASTERS SW	3:53.00	04	Penelope Yamauchi	33	
TAM	2:37.06				PAUL BUREN			Aditya Jaliha1	28	
Richard Burns	80				PAUL SCHNED			Paul Ogle-Sporer	24	
Peter Andersen	80				MEGAN GRIFFIS			SCYM	2:09.55	
Ed Reed	80				ERIN ABBEY			Anne C Laurita	31	
Tony Ralphs	80				No Relays			Erik Sarier	23	
SHARK	3:07.77				400 M. MEDLEY R	MIXED	72+	Mary C Laurita	24	
David Oakes	83							Karl K Sarier	26	
David R McIntyre	86				ORANGE COAST MAS	4:20.54	09	NEM	2:10.89	
Terry J Brinkman	76				KEITH RYAN			Shannon Linsey	24	
Bob E Couch	76				KEVIN MILLER			Alexander Burnam	25	
GOLD	3:35.99				ALEAH AMR			Jason Weis	27	
Bill Dykstra	86				KIERSTIN COLESEN			Alana M Aubin	33	
Michael A Dively	85				CWUSC	4:56.21		JFM	2:12.51	
R Pendergrass	82				Elijah Rinehart	18		Shannon J Porter	24	
Marcos Szeinfeld	78				Carly Kahler	20		Kelley Conrad	34	
WCM	3:43.58				Nate Harris	22		Mitchell T Sebok	26	
Robert W Mayo	90				E Seidensticker	18		Antonio Dianni	25	
Rick Silvey	81				800 M. FREE REL	MIXED	72+	PSM	2:27.17	
Jesse B Smyers	77							Trenton L Allison	24	
Michael S Piazza	77				TERRAPIN MASTERS	8:51.55	03	Isabelle K Singh	24	
WISC	3:57.62				MEREDITH STAKEM			Yun Li	29	
Donald B Jackson	83				KELLY BOWMAN			Tom Hutchison	28	
George May	86				JEFFREY STRAHOTA			GERM	2:27.99	
Martin R Hahm	82				JAMES CROWDER			Kempsey Clark	33	
Keith R Manson	70				No Relays			Rachel W Jung	30	
400 M. FREE REL	MEN	320+			200 M. FREE REL	MIXED	100+	Thomas Tu	25	
TAMALPAIS AQUATI	5:00.23	23						Emma M Coggins	27	
RICHARD BURNS					PHOENIX SWIM CLU	1:40.78	13	GOLD	3:10.95	
PETER ANDERSEN					HERBERT BEHM			Ximena O Vidaurre	42	
ED REED					JAN KONARZEWSKI			Victoria Santiago	23	
TONY RALPHS					ERIN CAMPBELL			Gianni Mercado	25	
TAM	5:00.23				NORIKO INADA			Thomas Jakovcevic	21	
Richard Burns	80				SDSM	1:53.15		400 M. FREE REL	MIXED	100+
Peter Andersen	80				Omar Saldivar	28		GOLDEN ROAD AQUA	3:41.64	17
Ed Reed	80				Lance Freiman	22		L IBANEZ LOPEZ		
Tony Ralphs	80				Grace Thrasher	24		ALEXANDER ACEINO		
GOLD	7:13.77				Cassidy D Lavigne	27		MEGAN JEX		
R Pendergrass	82				MINN	1:55.88		MARIO MARSHALL		
Michael A Dively	85				M Westendorp	25		MEMO	4:06.45	
Bill Dykstra	86				Luke Paquin	35		Penelope Yamauchi	33	
Marcos Szeinfeld	78				Lilith Lengvenis	25		Aditya Jaliha1	28	
MESC	7:49.05				Nate Duncan	28		Tammy H Choy	33	
David Vail	80				SCYM	1:56.74		Paul Ogle-Sporer	24	
William I Jones	86				Anne C Laurita	31		ROSE	4:34.85	
Andrew Cooke	80				Erik Sarier	23		Bobby L Brown	29	
S Tapia-Perez	84				Mary C Laurita	24		Kiki Basil	25	
400 M. MEDLEY R	MEN	320+			Karl K Sarier	26		Phoebe Lee	27	
TAMALPAIS AQUATI	6:02.31	23			LT-AZ	2:04.33		Yuya Terada	33	
ED REED					Brianne Hawthorne	22		NEM	5:01.55	
PETER ANDERSEN					Kaitlyn Mitchell	22		Calena Connor	21	
RICHARD BURNS					Eric Arevalo	32		Nicholas W Grogan	20	
TONY RALPHS					C Podgurski Jr	34		Jennifer Barlow	57	
TAM	6:02.31				200 M. MEDLEY R	MIXED	100+	Max C Zbikowski	21	
Ed Reed	80							400 M. MEDLEY R	MIXED	100+
Peter Andersen	80				GOLDEN ROAD AQUA	1:48.37	17	NEW ENGLAND MAST	4:16.58	02
Richard Burns	80				MARGO ACEINO			BENJAMIN LO-PINTO		
Tony Ralphs	80				LUKE PECHMANN			S MORAWSKI		
MESC	9:11.49				ALEXANDER ACEINO			JASON EADDY		
David Vail	80				L IBANEZ LOPEZ			JESSICA STOKES		
William I Jones	86				CMAC	1:56.62		NEM	4:28.97	
Andrew Cooke	80				Lane J Goedhart	28		Aron C Reynolds	31	
S Tapia-Perez	84				Brigitte Winkler	28		Ines Khiyara	25	
					Riley A Crow	24		Brittany Butcher	38	
					Reece M Hemmens	24		A Carder-Cannillo	24	
								SDSM	4:48.62	
								Grace Thrasher	24	
								Lance Freiman	22	

Omar Saldivar	28	200 M. MEDLEY R MIXED 120+	LBG	4:43.79	MICH	9:36.29
Cassidy D Lavigne	27		Mary Gardner	31	Alicia M Blondell	36
		PHOENIX SWIM CLU 1:47.51 13	Eason Wang	21	Luke Griffioen	32
800 M. FREE REL MIXED 100+		NORIKO INADA	C Som de Cerff	18	Andrew J McFee	37
		JEFF COMMINGS	Thomas E Sheahan	58	Jordan Craig	41
NEW ENGLAND MAST 8:29.16 06		ERIN CAMPBELL	PSCM	4:50.61	SPM	9:39.35
ANDREW FERGUSON		JAN KONARZEWSKI	Glen Kishi	65	C Stickle	33
DORI MILLER		PSM	Patrick Kishi	33	Noah G Manera	25
ANDREA YTTRE		Jing Chen	Angelina Mikish	26	Sarah Swoch	38
RICK CARDOSO		Lei Yuan	Nicole L Henry	32	Allison M Retotar	36
WCM	9:29.13	Yun Li	MOVY	4:52.58	KM	9:58.32
Cole A Welsh	23	Gehua Yu	Logan R Beaman	21	Michael Schweigel	47
Amy E Larsen	24	PSM	Joshua D Thompson	35	Mary L Everett	25
Heather Tiernan	40	T Eggenberger	Melanie Warren	41	Courtney B Chase	41
Daniel Rico	27	Matt Castle	Bridget Kelly	35	Adam Mayer	32
NEM	10:01.33	Adelynn Peterson	NEM	5:20.52	ROSE	10:34.91
A Geiersbach	25	Emily T Yasukochi	Jenny Crellin	58	Katherine Fisher	33
Olivia A Jaras	39	DAM	Max C Zbikowski	21	Stefanie Capizzi	36
Shannon Linsey	24	Joanna Griffiths	Calena Connor	21	Yuya Terada	33
Jason Weis	27	Vivian A Crow	Ryan Pope	34	Robinson Ibarra	30
		Matthew T Zachan	WCM	5:25.38	WCM	10:37.08
		Luke B Shaffer	Yue Shen Gu	30	Curtis J Brennan	45
200 M. FREE REL MIXED 120+		SPM	Douglas Gettel	38	Jenn Hwang	31
		Sarah Swoch	G Miazga-Chaffey	39	Alexandra Thomas	35
EL SEGUNDO MASTE 1:41.37 00		Allison M Retotar	Alexandra Thomas	35	Benjamin Madsen	45
BERT BERGEN		Noah G Manera			MEMO	10:43.20
PAIGE FRANCIS		C Stickle	400 M. MEDLEY R MIXED 120+		Chasen J Rogers	33
D GRANER-GALLAS		MINN	PHOENIX SWIM CLU 3:56.24 13		Rex L Chien	35
DEREK ROBINSON		Carly Krump	NORIKO INADA		Beth McBride	33
NYAC	1:47.33	Luke Paquin	JEFF COMMINGS		Sara Rafalson	35
Patrick A Conaton	27	Ben Kosieradzki	ERIN CAMPBELL		MELB	11:13.39
Kristen E Pratt	34	Kelsey Knothe	JAN KONARZEWSKI		Emily N Swigart	23
Annie Fittin	34	ROSE	ROSE	4:44.03	Trinity Graham	44
Jack A Pretto	31	Ann H Tsuchiya	Ralph Porrazzo	31	L Liebig	38
MELB	1:54.59	Robinson Ibarra	Stefanie Capizzi	36	Matthew F Regan	43
Justin D Torres	27	Kiki Basil	Ann H Tsuchiya	34	PSM	13:15.19
Emily N Swigart	23	Yuya Terada	Robinson Ibarra	30	Gehua Yu	55
Misty Hirsch	24	CMAC	DCAC	4:47.89	Lei Yuan	31
Ryan P Ruddy	47	Susanna Liang	Mallory O'Connor	37	Sophia Shao	25
NEM	1:55.30	Andrew Adams	Matthew Gunn	30	Yun Li	29
Olivia A Jaras	39	Pierre A Jaeggi	Zachary Windle	31		
Shannon Linsey	24	Grace Chyun	Noura Hemady	37	200 M. FREE REL MIXED 160+	
Patrick S Foley	43	OREG	MELB	4:58.19	COLORADO MASTERS 1:42.03 09	
A Geiersbach	25	Michelle J Cary	Benjamin Lo-Pinto	47	RICHARD ABRAHAMS	
SPM	1:56.49	April Isa	Emily N Swigart	23	S VON DER LIPPE	
C Stickle	33	Corban Elliott	Matthew F Regan	43	SHERI HART	
Noah G Manera	25	Chase J Mesford	Carly Harten	28	CHRIS O'SULLIVAN	
Allison M Retotar	36	ANCM	DCAC	5:14.43	1693	1:46.28
Sarah Swoch	38	Hannah Van Minde	Ramita Singh	27	Sirin Bulakul	35
PSM	1:56.76	Alexandra Lunardi	Charles Cockrell	55	David E Bell	48
Reva Zacharias	25	Carlo Piceno	Jeffrey Atteberry	42	G Gigliotti	31
Morena Calvo	36	Bryce Dibadj	Xonzy L Gaddis	23	Susan O Williams	57
Erik D Petersen	35	SWMLB	TSUN	5:22.54	WCM	1:50.28
Chris Conroy	38	Jan Walker	Clare Schroder	33	Alison Zamanian	53
TSUN	1:56.83	Jeffrey G Morris	Catherine Pease	35	Ian Powell	38
Aoife M Duffy	34	Beth A Bailey	Jason J Singh	34	Laura A Lawrence	43
Catherine Pease	35	Adam A Lucero	Phillip Goldberg	27	Andy Grant	38
Benjamin G Fohner	40		PSM	5:23.04	NEM	1:51.28
Brandt A Champion	33	400 M. FREE REL MIXED 120+	Hannah L Loughlin	35	Chuck Barnes	47
DAM	1:56.96	GOLDEN ROAD AQUA 3:48.17 18	Michael Smearer	49	Sarah Sutton	40
Luke B Shaffer	29	MEGAN MELGAARD	Svetlana Karpeeva	38	Ashley Martins	35
Vivian A Crow	26	MEGAN JEX	Michael Schwartz	35	Kaan Duru	53
Kristin A Duby	44	LUKE PECHMANN	ARMS	5:28.71	NCMS	1:54.66
Matthew T Zachan	37	TONY COX	C Caragine	24	Michael B Forbes	41
TVM	1:57.04	SDSM	Henry Perillo	26	Alicia K Uhl	46
Kyle C Schempp	34	Cindi Connolly	Benjamin Schick	35	Celia Wolff	57
J Radecke-Noble	39	Victor M Huerta	Allison Miller	40	Edison Sandrini	55
Amy K Sitzmann	43	Ruben Gimenez	PSM	5:35.74	SHARK	1:54.76
A Gilchrist	26	Sam M Rankin	Yun Li	29	Michael Gilliam	44
LOCO	1:57.24	MELB	Porch S Evans	32	Brent Kruse	45
Christian D Kata	37	Matthew F Regan	Alex Ekstrom	33	Laurel Varnell	32
S Waninger	34	Emily N Swigart	Alain Steenbeeke	61	Ashley M King	43
Tyler D Hassig	36	Joanna Dagenais			PALM	1:56.04
Amanda D Kata	36	B. J. Graham	800 M. FREE REL MIXED 120+		Jamie Zazella	47
WCM	1:58.75	SWMLB	NOVAQUATICS MAST 8:25.57 12		Matt Goodrich	52
Louis Rogers	34	Cejih J Yung	CYNTHIA LEWIS		Hannah Quast	33
Mackenzie Schuler	27	Dylan C Jones	EVAN KRAUS		John Herzke	44
Melanie Westlake	38	Beth A Bailey	AMY COLLINS		TERR	1:56.82
Matt Boone	34	Jan Walker	DICKIE FERNANDEZ		Mollie K Grover	42
					Donna L Elshafei	59

Jose De Jesus	30	400 M. FREE REL MIXED 160+	Kate Chiaiastrì	36	B.J. Graham	47	
Edward D Helfers	41		Anthony Fulton	40	Ryan P Ruddy	47	
SAVMS	1:58.00	COLORADO MASTERS 3:46.01 09	OREG	5:01.27	SPM	10:10.65	
Kenneth R Chism	23	CHRIS O'SULLIVAN	Aaron Hawkins	45	Joseph Novak	46	
Thomasina Camarda	39	RICHARD ABRAHAMS	Caroline Glynn	47	Jeffrey Nelson	39	
Margaret Swanson	41	S VON DER LIPPE	Sonja Skinner	47	Celeste A Patton	39	
Thomas Herringe	62	SHERI HART	Terry Glynn	49	Dawn Clark	59	
MELB	1:58.09	SHARK	4:03.16	CVMM	5:07.75	O*H*	10:29.89
Kirk W Clear	56	Michael Gilliam	44	Beata M Konopka	54	Melissa Besman	31
Joanna Dagenais	36	Eric P Cullen	37	Don G Smith	62	Sarah L Anstine	33
Kristin L Kulinka	38	Mary E Mohler	39	Dominicke Ybarra	42	Michael Kramer	54
Benjamin Lo-Pinto	47	Ashley M King	43	Alison English	30	Gregory Turocy	60
MELB	1:58.29	NOVA	4:08.87	PSM	5:11.25	DCWW	10:58.54
Marlon Sanchez	56	Robert Dmytrow	42	Julie Bowman	45	KaSandra N Kaplan	26
Jade A Schroeder	30	Ashley N Quinn	27	Holly Lickwala	47	Kim Dustin	55
Candida K Vera	40	Astrid C Collins	49	David E Whitbeck	41	David Diaz	53
Matthew F Regan	43	Roberto E Delgado	48	Jin Yamamoto	49	Marques P Ross	27
		LG	4:24.00	O*H*	5:19.98		
200 M. MEDLEY R MIXED 160+		Danielle S Maham	53	Sarah L Anstine	33		
		Stephen Stebbins	47	Gregory Turocy	60	200 M. FREE REL MIXED 200+	
COLORADO MASTERS 1:53.38 09		Madison Ankiwicz	29	Melissa Besman	31		
SHERI HART		Rinaldo Sintjago	41	Michael Kramer	54	N CAROLINA MASTE 1:46.08 14	
S VON DER LIPPE		NEM	4:28.77	MINN	6:01.68	ERIKA BRAUN	
CHRIS O'SULLIVAN		Marion R Pattillo	54	Kelsey Knothe	35	SUE WALSH	
RICHARD ABRAHAMS		Andrew P Strehle	54	Tyler Lovan	44	JON BLANK	
SHARK	2:00.34	Elizabeth Mancuso	38	Carly Krump	31	JONATHAN KLEIN	
Michael Gilliam	44	Joseph A Neikirk	43	Kevin T Kirsch	53	SHARK	2:01.32
Eric P Cullen	37	NOVA	4:35.97	SWOUT	6:19.92	Scott Jarr	56
Mary E Mohler	39	Brock Sheela	49	Joe W Clauson	52	Edward H Mench	57
Ashley M King	43	Heidi M Cough	42	Lindsay A Wilkens	36	Joanna M Treon	47
PSCM	2:00.66	Stephanie Kramer	49	Brian A Harper	49	Cathy A Fedako	62
Noriko Inada	45	Peter S Moore	51	Courtney Jimenez	36	NEM	2:01.51
Angelina Mikish	26	CSTS	4:46.23	KFAC	6:21.42	Frankin Mansilla	63
Fred L Schuster	59	Kenya K Lam	24	Douglas A O'Brien	54	Brittany Butcher	38
Hiromasa Fujimori	32	Ken Thomas	62	Jennifer L Webb	47	Deborah B Sakr	60
WH20	2:06.55	Rachel P Limon	43	Alison O'Connor	30	Bob Tyler	61
E Vucinich	43	Mike J Webster	54	Kevin C Foley	60	MELB	2:03.19
A Kurteeva	40	BSMT	4:55.90			James E Cardozo	53
Jeffrey Peterson	45	Bryce Maxell	52	800 M. FREE REL MIXED 160+		Joan Wheeler	59
Craig Sine	49	Emily C Boor	29			B.J. Graham	47
NYAC	2:06.86	Lindy M Hanson	45	WALNUT CREEK MAS 8:26.62 09		Heidi Wiedemann	61
Kristin J Gary	56	Phillip C Luebke	52	JACK SORENSEN		MAM	2:04.07
Trey Kolleck	27	OHSP	5:00.03	ALISON ZAMANIAN		L Au Brinkmeyer	39
Isabel Blaze	24	Liv A Gjestvang	48	MARGEE CURRAN		J Cox	55
Cliff F Blaze	53	Daniel E Doremus	46	ROQUE SANTOS		Steve Cutting	66
RIO	2:07.12	Kevin Weichel	40	WCM	9:18.19	William Gardner	59
Susan M Jurek	60	MELB	5:00.24	Chad D Holbrook	44	SDSM	2:04.78
Maxim Nabutovsky	35	Marlon Sanchez	56	Heidi B McMillan	42	Alja Tavcar	31
Michelle Mozdzen	38	Candida K Vera	40	Alison Zamanian	53	Paul Farley	64
Aaron M Fried	40	Lynn Dotson	45	Andy J Nonaka	44	Karen A Feld	56
FINSP	2:08.35	Mark Palace	50	NOVA	9:26.71	Joerg Grasser	49
Julia Cunningham	28	SWOUT	5:00.96	Robert Dmytrow	42	GERM	2:06.11
Robert J Ryan	58	Samuel Zweibelson	49	Astrid C Collins	49	Denise L Dombay	57
Kate Chiaiastrì	36	Paige Cull	45	Ashley N Quinn	27	Dorota M Hasset	46
Anthony Fulton	40	Brian A Coakley	55	Brock Sheela	49	Chad G Matthews	46
SAVMS	2:10.22	Courtney Jimenez	36	SDSM	9:40.59	Karl E Wunderlich	58
Margaret Swanson	41			Jorge Agudelo	32	WCM	2:06.81
Kenneth R Chism	23	400 M. MEDLEY R MIXED 160+		Cathy V Neville	66	S Heim-Bowen	65
Thomas Herringe	62	COLORADO MASTERS 4:10.32 09		Ruben Gimenez	31	Ian King	61
Thomasina Camarda	39	SHERI HART		Alja Tavcar	31	Danielle Boone	58
SHARK	2:12.21	S VON DER LIPPE		SHARK	9:49.95	Robert M Tiernan	40
Edward M Clissold	49	CHRIS O'SULLIVAN		Ashley M King	43	RIPT	2:10.00
Laurel Varnell	32	RICHARD ABRAHAMS		William Markovitz	51	Veronica Hibben	67
Rebecca A Aten	47	SHARK	4:38.16	Rebecca A Aten	47	Sean Chaffins	46
William Markovitz	51	Michael Gilliam	44	Brent Kruse	45	Tom Burke	64
DAM	2:15.66	Laurel Varnell	32	FINSP	9:53.24	McKinley Becraft	24
Matt Roper	42	Marshall Hattaway	25	Anthony Fulton	40	MEMO	2:12.08
Michelle Goldberg	55	Paige A Gill	60	Robert E Breitel	56	Carrie Hahnel	45
Helene Nehrebecki	43	NOVA	4:40.52	Kate Chiaiastrì	36	Vicki Shu	55
Kent A Anderson	51	Jeena I Rudy	30	Julia Cunningham	28	Keith Hertzner	50
JAMM	2:16.80	Steve West	51	MEMO	9:57.70	Patrick P Downey	56
Charlotte R Meyer	28	Robert Dmytrow	42	Carrie Hahnel	45	KFAC	2:12.59
Laurence V Fry	62	Astrid C Collins	49	Jacky R Chen	30	Russet Morrow	50
Dora Rosenbaum	44	FINSP	4:55.07	Orin Bentley	46	Colin Campbell	51
William A McCarty	34	Morgan Cichewicz	34	Elyse Corwin	41	Mary Holt-Wilson	53
		Robert E Breitel	56	MELB	10:09.79	Peter Doyle	63
				Joanna Dagenais	36		
				Jade A Schroeder	30		

200 M. MEDLEY R MIXED 200+	MELB	5:04.21	Jenny Carswell	49	Leslie Nock	61
	Eric E Myers	53	Chad G Matthews	46	Bernard R Sauve	69
NORTH CAROLINA M 1:55.39 23	Janet Carbin	64			ARIZ	2:05.40
WILLIAM WEAVER	Ann Kealy-Angel	64	800 M. FREE REL MIXED 200+		Jane Esahak-Gage	61
DAVID DUNSON	James E Cardozo	53			Linda Low	52
ERIKA BRAUN	RIPT	5:15.08	ILLINOIS MASTERS 8:36.91 15		G Esahak-Gage	65
KERRY LINDAUER	Veronica Hibben	67	LIZ DILLMANN		Bob Ostrander	68
NCMS	Sharon M Yao	51	DAVID SIMS		LSM	2:06.85
William Weaver	Sean Chaffins	46	ANDREA BLOCK		Robert Kelsoe	70
David B Dunson	Tom Burke	64	JIM TUCHLER		Lynn Morrison	69
Erika L Braun	NEM	5:33.32	SHARK	10:28.40	Courtney P Batten	32
Kerry Lindauer	Anca Zetea	52	Jim Matysek	64	Bruce F Williams	70
DCAC	Tracy L Grilli	66	Jeffrey Tremblay	62	VMAS	2:08.39
Meredith A Stakem	Mark A Keil	70	Cheryl Coley	51	Dewey K Haviland	57
Neill Williams	Tyler G Edsall	46	Tricia Good	52	Michele Bekoff	58
Jerome A Frentsos	MEMO	5:58.54	WCM	10:59.16	Ruth Johnson	62
Deborah Dawson	Danny W Wan	60	Debbie M Santos	55	Mark S Finley	65
NOVA	Tina M Voight	54	Lisa A Ward	59	PALM	2:11.08
James Riddle	Pamela Herhold	55	Russell S Mikuni	41	Billy Buck	62
Trina R Schaetz	Randy Rentschler	63	Patrick M Duggan	60	Stacey L Bruce	49
Robert Dmytrow	WCM	6:18.44	NOVA	11:20.37	Susan A Francis	70
Astrid C Collins	John S Claassen	54	George W Serbia	63	Roger O Beardmore	72
SPM	Tammy Freeman	55	Stephanie Kramer	49	SPM	2:12.00
Celeste A Patton	Steven P Stone	69	Toby Weissert	65	Michael R Smith	66
Michael R Smith	Roberta Vassallo	49	Patricia Benites	61	Dawn Clark	59
Joseph Novak			MELB	11:27.19	Cheryl Kupan	59
Karen L Westerman			Kristin L Kulinka	38	Jim Esposito	60
LSM	400 M. MEDLEY R MIXED 200+		Christine Zieres	63	RHMS	2:13.32
Jay Yarid	NORTH CAROLINA M 4:19.84 23		Robert W Spence	61	Eric D Van Boer	69
Jillian Kunde	JONATHAN KLEIN		Mark Palace	50	Greg Laudenslager	62
Michael B Doyle	SHARON TAYLOR		NEM	11:37.41	Rachel G Towey	49
J Baxavanis	SCOTT DALLAMURA		Julia C Girman	43	Linda Hepworth	70
LMSC	ERIKA BRAUN		Vincent P Burks	63	SCYM	2:20.65
Andy Kroupa	NCMS	4:19.84	Dennis Quelch	51	David DeSimone	68
Cory Trusty	Jonathan E Klein	66	Kristen Lynch	48	Kelly Papa	55
Brodie Hynes	Sharon C Taylor	38	Joan Wheeler	59	Kristen Guth	52
Celeste Lind	Scott J Dallamura	45	Heidi Wiedamann	61	Ed M Tsuzuki	65
MELB	Erika L Braun	51	Daniel Obradovich	45		
Kirk W Clear	DCAC	4:26.33	James E Cardozo	53	200 M. MEDLEY R MIXED 240+	
Eric E Myers	Meredith A Stakem	42	WCM	12:05.89	NOVAQUATICS MAST 2:04.82 19	
Joan Wheeler	Neill Williams	55	John S Claassen	54	JAMIE FOWLER	
Heidi Wiedamann	Jerome A Frentsos	58	Bridget Abbott	42	HENRY VEHOVEC	
PSM	Deborah Dawson	55	Kara L Gray	58	KATIE OSBORNE	
Shelley B Reimer	SDSM	4:52.16	Paul Carter	55	VERONICA HIBBEN	
Atle Rist	Kevin Hoff	35	OHSP	12:27.63	MELB	2:15.31
Erin Cyger	Ruben Gimenez	31	Robert L Eblin	60	Zena H Courtney	64
Nick Schnee	Andra Jaunzeme	70	Kevin Weichel	40	Mark Palace	50
SCAQ	Cathy Ganze	66	Julia Applegate	53	Joe Wotton	64
Abigail Rea	SHARK	5:00.24	Liv A Gjestvang	48	K Parker Palace	62
Karen L Melick	Edward H Mench	57	GBM	12:28.34	SDSM	2:18.33
A Konetzki	Jim Matysek	64	Aagje A Caron	82	Cindi Connolly	59
Scott Vila	Rebecca A Aten	47	Alex Ferris	23	Brian D Strate	56
TCYS	Ashley M King	43	Karen M Grant	60	Cathy Ganze	66
Kristina Henry	RMST	5:19.99	Eric R Florio	36	James C Perry	66
Philip R Gilligan	Kim M Brightwell	63	MEMO	12:36.65	NEM	2:21.59
Mark A Oliphant	Glenn Gwilliam	45	Vicki Shu	55	Bob Tyler	61
Danielle M Haley	Amy H Bass	53	Y de la Torre	53	Beth A Estel	67
	Thomas J Dion	45	Dan Clifford	53	Niclas K Ohman	49
	LSM	5:24.40	Long Wu	58	Tracy L Grilli	66
	J Baxavanis	48	200 M. FREE REL MIXED 240+		MOVY	2:22.89
400 M. FREE REL MIXED 200+	Jillian Kunde	43	NORTH TEXAS LONE 1:52.68 15		Brad Wells	62
NORTH CAROLINA M 3:56.10 14	Michael B Doyle	59	DOUG MARTIN		Dave Noble	80
ERIKA BRAUN	Robert Czerwinski	60	TOM BARTON		Jennifer Attig	49
HENRY STEWART	MELB	5:28.55	C MCKELVEY		Heather Huettner	58
SUE WALSH	Kirk W Clear	56	LYNN MORRISON		RHMS	2:30.18
JONATHAN KLEIN	Eric E Myers	53	CVMM	1:59.00	Eric D Van Boer	69
SHARK	Joan Wheeler	59	Don G Smith	62	Greg Laudenslager	62
Edward M Clissold	Heidi Wiedamann	61	Mike Matthews	61	Rachel G Towey	49
William Markovitz	SDSM	5:32.62	Shelly R Marshall	67	C Hayes-Rupp	66
Heather R Strang	Joerg Grasser	49	Becky Cleavenger	60	DAM	2:32.06
Joanna M Treon	Makiko Maemoto	45	MELB	2:03.99	Jane E Russell	60
MOVY	Nathan Ascher	52	Joe Wotton	64	Jennifer Phalen	59
Bill Sherman	Karen A Feld	56	Mark Palace	50	Brad Winsor	52
Scott R Moore	RIPT	5:33.57	Zena H Courtney	64	Stuart L Kahn	70
C Spottswood	McKinley Becraft	24	K Parker Palace	62	SHARK	2:35.20
Jennifer Attig	Sean Chaffins	46	ARIZ	2:04.33	Sue N Watts	69
WCM	Tom Burke	64	Lee Hawkinson	61	Jim Matysek	64
Kirsten Agostino	Veronica Hibben	67	Janet L Wood	74	Daphne R Elliott	55
Mary Ann Wickes	GERM	5:40.95			Brian P Whiteside	53
Dean Harper	R Topper-Greco	54				
Gregory W Harper	Gustavo Sandi	51				

SCM	2:36.28	GREG SANCHEZ	Marlon Sanchez	56	Kenneth R Hickey	78	
Carrie L Franchi	71	CELIA WOLFF	James N Jacobson	61	Mike Freshley	82	
Eric M Williams	43	NCMS	4:40.29	SFTL	11:27.89	RMST	3:01.02
Robert Heath	66	Jonathan E Klein	66	Hubie Kerns	74	Denise Kirwan	71
H Carling-Smith	73	Erika L Braun	51	Cindie V Boosin	41	Lucy M Manheim	81
VMAS	2:37.64	Greg Sanchez	66	Linda Webb	78	Robert L Stites	69
Michelle Bekoff	58	Celia Wolff	57	Michael J Boosin	57	Brian R Evans	59
Robert R Lundeen	64	MELB	5:11.99	LMSC	11:29.15	MEMO	3:07.76
Ruth Johnson	62	Zena H Courtney	64	Andy Kroupa	54	Richard T Sears	76
Mark S Finley	65	Mark Palace	50	Martha Dennis	71	David Benjamin	74
PALM	2:38.44	Joe Wotton	64	Celeste Lind	64	Julie M Johnson	66
Michael Slowey	66	K Parker Palace	62	Wayne L Baker	65	Judy K Armstrong	76
E De Herder	65	MOVY	5:30.41	RIPT	11:34.12	200 M. MEDLEY R MIXED	280+
Billy Buck	62	Brad Wells	62	Omar J Menchaca	67	TAMALPAIS AQUATI	2:22.04 15
Marisa McEntire	50	Dave Noble	80	Veronica Hibben	67	LAURA VAL	
400 M. FREE REL MIXED	240+	Jennifer Attig	49	Sharon M Yao	51	KENNETH FROST	
		Heather Huettner	58	Tom Burke	64	RICHARD BURNS	
		SFTL	5:32.49	ARIZ	12:11.45	NANCY RIDOUT	
CONEJO VALLEY MA	4:12.66 23	Cindie V Boosin	41	Marianne Erickson	71	NEM	2:46.38
MATTHEW BIONDI		Hubie Kerns	74	Jill C Anderson	67	Daniel Epstein	73
DON SMITH		Michael J Boosin	57	David A Sparks	50	Sue Jensen	63
SHELLY MARSHALL		Linda Webb	78	Mark Modjeska	70	Fred J Schlicher	75
BECKY CLEAVENGER		SDSM	5:56.19	VMST	12:19.28	Rozann Kraus	73
CVMM	4:12.66	Cindi Connolly	59	Algernon J Keith	63	CVMM	2:48.14
Matthew N Biondi	58	Paul Farley	64	Barbara E Boslego	72	Kirkpatrick-Reno	68
Don G Smith	62	Nathan Ascher	52	Debbie K Jaeger	61	Clive G Edwards	70
Shelly R Marshall	67	Cathy V Neville	66	James Daly	52	Mark Buckley	70
Becky Cleavenger	60	SDSM	5:56.32	ROSE	13:12.20	Diane G Smith	78
MELB	4:29.48	Karen A Feld	56	Michael Farmer	76	PSM	3:00.96
Joe Wotton	64	Kenton R Jones	56	Caroline Freeman	60	Stephen W Fogg	75
Kirk W Clear	56	Steven A Johnston	57	N Doudikian-Scaff	53	Steven B Peterson	77
Joan Wheeler	59	Laurie S Kaguni	71	Frank E Campbell	65	Sarah Welch	76
K Parker Palace	62	ARIZ	6:25.28	200 M. FREE REL MIXED	280+	Sally A Dillon	77
DAM	4:55.20	Allison R Lehman	66	TAMALPAIS AQUATI	2:07.33 22	SDSM	3:04.85
Stuart L Kahn	70	Larry John	62	ALAN BERNARD		Jill M King	68
Sally K Guthrie	73	Ke Wang	67	MARTHA JOYCE		Monte W Gast	76
Jane E Russell	60	Noelle Y Minck	65	LAURA VAL		Darrell Jett	65
Kent A Anderson	51	SLAM	7:32.74	RICHARD BURNS		Laurie S Kaguni	71
SFTL	4:57.30	Laurence Walker	80	CVMM	2:33.46	LBG	3:05.64
Hubie Kerns	74	Carolyn M Bottini	55	Richard Scoggins	68	Mimi Frank	76
Linda Webb	78	Tod D Minnigerode	65	Clive G Edwards	70	Bill J Butler	67
Cindie V Boosin	41	Carly Sullens	51	Diane G Smith	78	Jeffrey Dobra	69
Michael J Boosin	57	MICH	7:34.81	Helen Cox	66	Nancy H Stanbury	74
VMAS	4:59.19	Thomas Neal	80	NEM	2:36.67	RHMS	3:20.96
Ruth Johnson	62	Jacqueline Thorpe	63	Mary L Glotch	75	Linda Hepworth	70
Robert R Lundeen	64	Hong Weng	41	Jane Cheney	62	Annette M Coholan	75
Michelle Bekoff	58	Steven Heaney	60	Mark M Beckwith	72	Robert Suess	62
Mark S Finley	65	NEM	7:43.31	Steve Holt	72	Fred Anderson	81
SDSM	5:02.40	Kysa M Crusco	47	WCM	2:38.37	LSM	3:21.52
Barbara Hall	61	David Edsall	75	Kerry L O'Brien	66	Ida M Hlavacek	81
Paul Farley	64	Mark A Keil	70	Amin Shaker	69	Dana Lennon	65
Bryan Addleman	49	Deborah B Sakr	60	Susan M Collins	74	Jay W Leigh	65
Andra Jaunzeme	70	800 M. FREE REL MIXED	240+	Stephanie I Scott	76	Tom Wolf	69
SHARK	5:19.24	SARASOTA SHARKS	9:31.20 19	LOCO	2:44.98	ARIZ	3:21.54
Tom J Weigand	66	JACK GROSELLE		Hilary Walton	64	Gynt Clifford	85
Bob E Couch	76	RICK WALKER		David B Jennings	76	Ty V Walker	64
Daphne R Elliott	55	KAREN EINSIDLER		Susan D Korsedal	73	Beck Ettien	64
Cathy A Fedako	62	REBECCA ATEN		Peter Hoffmann	73	Robert S Smith	80
LMSC	5:21.53	SDSM	10:18.12	LBG	2:46.32	LMSC	3:35.13
Martha Dennis	71	Nathan Ascher	52	Bill J Butler	67	Linda P Fulton	71
Dean Dickmann	62	Andra Jaunzeme	70	Mimi Frank	76	Mike Freshley	82
Celeste Lind	64	Cathy Ganze	66	Nancy H Stanbury	74	Martha Dennis	71
Kurt Dickmann	60	Kenton R Jones	56	Jeffrey Dobra	69	Kenneth R Hickey	78
NOVA	5:22.79	WCM	10:30.16	ARIZ	2:49.53	VMST	3:41.22
James Riddle	61	S Heim-Bowen	65	Ty V Walker	64	Susan B Carter	76
Karen A Kimball	58	Drew Y Sanders	53	Gynt Clifford	85	Robert P Boslego	70
Debbie S Bradbury	72	Sherri Nichelman	63	Robert S Smith	80	Barbara E Boslego	72
George W Serbia	63	Tom T Nootbaar	60	Beck Ettien	64	David V Boslego	62
SDSM	5:28.64	VMAS	10:43.59	NEM	2:51.33	400 M. FREE REL MIXED	280+
Laurie S Kaguni	71	Dewey K Haviland	57	Mary B Dickson	71	TAMALPAIS AQUATI	4:40.10 22
Pascal Monney	50	Michelle Bekoff	58	Cynthia R Gardner	72	RICHARD BURNS	
Karen A Feld	56	Ruth Johnson	62	Duncan P RyanMann	70	LAURA VAL	
Darrell Jett	65	Mark S Finley	65	Steve Kolis	68	MARTHA JOYCE	
400 M. MEDLEY R MIXED	240+	MELB	10:57.89	LMSC	3:00.19	ALAN BERNARD	
NORTH CAROLINA M	4:40.29 23	K Parker Palace	62	Linda P Fulton	71		
JONATHAN KLEIN		Zena H Courtney	64	Martha Dennis	71		
ERIKA BRAUN							

CVMM	5:50.54	Jeffrey Dobra	69	John V Zeigler	78	400 M. FREE REL MIXED 360+
Richard Scoggins	68	Kim M Garber	72	Thomas E Evans	75	
Clive G Edwards	70	ARIZ	9:24.36			FLORIDA AQUATIC 9:54.92 17
Helen Cox	66	Stanley J Strebig	81	200 M. MEDLEY R MIXED 320+		EDWIN GRAVES
Diane G Smith	78	Paige Q Szajduk	64			JOAN CAMPBELL
ARIZ	6:17.13	Terry Heggy	69	OREGON MASTERS 2:57.97 19		BETTY LORENZI
Ty V Walker	64	Wendy Weinberg	78	WILLARD LAMB		JOHN CORSE
Gynt Clifford	85	GERM	9:46.21	JANET GETTLING		No Relays
Robert S Smith	80	Linda S Carter	81	MARGARET TOPPEL		
Beck Ettien	64	Michael F Boyle	72	DAVID RADCLIFF		800 M. FREE REL MIXED 360+
WISC	6:23.88	David L Robinson	80	SHARK	4:30.06	FLORIDA AQUATIC 23:00.65 16
Julie A Hall	55	Cheryl D Kaiser	64	Carol Mitchell	74	EDWIN GRAVES
Donald B Jackson	83			Susan L Meyers	81	JOHN CORSE
Gerald G Palmer	73	800 M. FREE REL MIXED 280+		Michael A Laux	82	JOAN CAMPBELL
Mary P Schneider	71			Jack Mitchell	84	BETTY LORENZI
RHMS	6:27.54	SARASOTA SHARKS 10:45.17 19		RMST	4:39.64	No Relays
Robert Suess	62	JUNE CARSON		Frank T Manheim	93	
Linda Hepworth	70	JACK GROSELLE		Gordon M Gerson	87	
Annette M Coholan	75	BOB COUCH		Elizabeth Weigand	61	
Fred Anderson	81	JULIANNA HOLBROOK		Lucy M Manheim	81	
MEMO	6:28.30	SHARK	12:30.88	ARIZ	5:14.28	
Marcia Benjamin	67	Sue N Watts	69	Stanley J Strebig	81	
David Benjamin	74	Bob E Couch	76	Corinna Goodman	82	
Julie M Johnson	66	Nancy L Kryka	68	Arlyn Melcher	92	
Richard T Sears	76	Terry J Brinkman	76	Wendy Weinberg	78	
LSM	6:50.72	WCM	12:38.85	400 M. FREE REL MIXED 320+		
Thomas J Dillon	82	Ian King	61	OREGON MASTERS 6:00.74 17		
Ida M Hlavacek	81	Amin Shaker	69	WILLARD LAMB		
Lynn Morrison	69	Susan M Collins	74	JOY WARD		
Robert Czerwinski	60	Stephanie I Scott	76	DAVID RADCLIFF		
ARIZ	7:07.50	LSM	13:33.23	MARGARET TOPPEL		
Allison R Lehman	66	Thomas J Dillon	82	SHARK	8:33.21	
Lyn Moreno	75	K Hinkamp	64	Susan L Meyers	81	
Bill Ton	76	Lynn Morrison	69	Carol Mitchell	74	
Stanley J Strebig	81	Tom Wolf	69	Michael A Laux	82	
LBG	7:35.16	O*H*	14:07.11	Jack Mitchell	84	
Kim J Onisko	67	Susan Paris	77	MINN	9:39.55	
Anita E Cole	76	Daniel Littman	70	AnnLiv Bacon	81	
Kim M Garber	72	Melinda J Smith	71	David C Arlander	82	
Jeffrey Dobra	69	Edward J Borsuk	70	Sandra A Pierce	80	
CONN	8:27.82	ARIZ	14:14.11	John Ziegenhagen	77	
Ann Louise Onton	80	Samantha Martoni	61	400 M. MEDLEY R MIXED 320+		
Janit P Romayko	78	Lyn Moreno	75	OREGON MASTERS 6:59.56 17		
Robert Lamontagne	65	Steve W Truesdale	70	WILLARD LAMB		
Gerald O Burbank	64	James Spiegel	76	JANET GETTLING		
400 M. MEDLEY R MIXED 280+		NEM	14:44.91	JOY WARD		
TAMALPAIS AQUATI 5:21.37 15		Scott P Heidemann	67	DAVID RADCLIFF		
LAURA VAL		Mary B Dickson	71	JANET GETTLING		
KENNETH FROST		Duncan P RyanMann	70	JOY WARD		
RICHARD BURNS		Cynthia R Gardner	72	DAVID RADCLIFF		
NANCY RIDOUT		SHARK	16:52.39	No Relays		
PSM	6:28.63	Elayne E Hartter	64	800 M. FREE REL MIXED 320+		
Andrea M Hunt	75	Carol Mitchell	74	OREGON MASTERS 14:48.98 21		
Rick Colella	72	Michael Bergquist	67	WILLARD LAMB		
Sarah Welch	76	Jack Mitchell	84	JOY WARD		
William B Hayes	72	200 M. FREE REL MIXED 320+		JANET GETTLING		
SHARK	6:46.44	OREGON MASTERS 2:35.65 19		BOB BRUCE		
Terry J Brinkman	76	WILLARD LAMB		No Relays		
Bob E Couch	76	DAVID RADCLIFF		200 M. FREE REL MIXED 360+		
Sue N Watts	69	JANET GETTLING		FLORIDA AQUATIC 3:56.13 16		
Cathy A Fedako	62	MARGARET TOPPEL		EDWIN GRAVES		
CVMM	6:52.03	SHARK	3:39.63	JOAN CAMPBELL		
Diane G Smith	78	Susan L Meyers	81	BETTY LORENZI		
Clive G Edwards	70	Carol Mitchell	74	JOHN CORSE		
Richard Scoggins	68	Michael A Laux	82	No Relays		
Niki F Stokols	66	Jack Mitchell	84	200 M. MEDLEY R MIXED 360+		
MINN	7:59.18	WCM	3:56.71	COAST MASTERS 5:12.04 03		
S Lee-Sheridan	71	Robert W Mayo	90	MADELEINE MILLER		
David C Arlander	82	Kildine Harms	69	MAXINE MERLINO		
Marc Anderson	74	Rick Silvey	81	WALTER PFEIFFER		
AnnLiv Bacon	81	Caroline W Wood	88	WOODROW BOWERSOCK		
LMSC	8:02.39	ARIZ	4:26.21	No Relays		
Linda P Fulton	71	Wendy Weinberg	78			
Mike Freshley	82	Stanley J Strebig	81			
Martha Dennis	71	Corinna Goodman	82			
Kenneth R Hickey	78	Arlyn Melcher	92			
LBG	8:57.09	GAJA	4:40.91			
Anita E Cole	76	June G Baima	89			
Bill J Butler	67	Sue C Ottosen	80			

## Errata for 2022-2023 Long Course Meters

### WOMEN 55-59

- 50 M. BUTTERFLY
  - 30.52 LESLIE LIVINGSTON 16
  - 31.01 Ellen M Reynolds 59
  - 31.13 Susan O Williams 57
  - 32.29 Patty Tomley 56
  - 33.17 Lisa A Ward 59
  - 33.30 Jelena A Kunovac 59
  - 33.83 Sylvia Buxton 58
  - 33.93 Arlette Godges 59
  - 34.43 Corrin Buck 59
  - 34.43 Beth Birnbrich 59
  - 35.13 Karen L Westerman 56

MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2023



***** MEN ***** 25-29 ***** WOMEN *****										
21.28	11/20/2021	USA	Ryan HELD	50	M.	FREE	Anna HOPKIN	GBR	11/26/2023	24.01
47.43	11/16/2014	USA	Cesar CIELO	100	M.	FREE	Anna HOPKIN	GBR	11/25/2023	52.46
1:44.90	11/03/2013	USA	Darian TOWNSEND	200	M.	FREE	Tessa VERMEULEN	NED	02/18/2023	1:57.99
3:51.56	12/02/2023	GBR	William RYLEY	400	M.	FREE	Tessa VERMEULEN	NED	02/17/2023	4:13.71
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
23.70	11/21/2021	USA	Ryan HELD	50	M.	BACK	Yurie OGA	JPN	06/14/2015	27.88
52.05	01/14/2023	JPN	Ryota MAEJIMA	100	M.	BACK	Yurie OGA	JPN	05/10/2015	1:00.63
1:56.01	01/15/2023	JPN	Ryota MAEJIMA	200	M.	BACK	Tessa VERMEULEN	NED	02/19/2023	2:10.37
26.99	10/29/2017	GBR	Lawrence PALMER	50	M.	BRST	Petra CHOCOVA	CZE	06/08/2014	30.50
58.14	11/28/2021	JPN	Shotaro SHIMAZAKI	100	M.	BRST	Petra CHOCOVA	CZE	06/07/2014	1:06.83
2:07.55	10/14/2018	USA	Josh PRENOT	200	M.	BRST	Satori HOSOKOSHI	JPN	03/21/2021	2:28.33
23.15	11/21/2021	USA	Ryan HELD	50	M.	FLY	Elinore DE JONG	NED	01/19/2018	26.14
51.13	12/10/2023	BRA	Lucas GOMES	100	M.	FLY	Claire DONAHUE	USA	12/12/2015	58.11
1:53.72	03/21/2021	JPN	Shun WATARAI	200	M.	FLY	Yuko NAKANISHI	JPN	05/08/2010	2:09.64
52.78	11/21/2021	USA	Ryan HELD	100	M.	I.M.	Masaki KUROKI	JPN	01/26/2019	1:01.79
1:58.91	10/04/2020	JPN	Ken KUWAYAMA	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 ***** WOMEN *****										
21.53	12/05/2021	BRA	F.ROSA MESSIAS	50	M.	FREE	Rebecca GUY	GBR	10/27/2023	24.30
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
3:48.54	09/30/2023	DEN	Frans JOHANNESSEN	400	M.	FREE	Sophie CASSON	GBR	10/28/2017	4:14.56
8:06.56	09/30/2023	DEN	Frans JOHANNESSEN	800	M.	FREE	Dawn HECKMAN	USA	12/04/2011	8:38.58
15:30.92	01/26/2019	USA	Chad LA TOURETTE	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
52.13	02/13/2022	JPN	Junichi MORITA	100	M.	BACK	Kana YAMAGUCHI	JPN	03/07/2010	1:00.90
1:53.66	02/13/2022	JPN	Junichi MORITA	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
58.64	12/02/2023	USA	Brandon FISCHER	100	M.	BRST	Hitomi MATSUDA	JPN	04/17/2010	1:06.98
2:08.12	12/01/2023	USA	Brandon FISCHER	200	M.	BRST	Hitomi MATSUDA	JPN	04/18/2009	2:26.96
22.87	05/16/2009	GER	Thomas RUPPRATH	50	M.	FLY	Masaki IDA	JPN	03/18/2023	26.67
52.40	04/16/2022	JPN	Ko FUKAYA	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.	Erica MORNINGSTAR	CAN	05/27/2023	1:02.15
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 ***** WOMEN *****										
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
1:48.36	12/02/2021	PAR	Benjamin HOCKIN	200	M.	FREE	Veronica BALSANO	PAR	11/15/2023	2:02.89
3:57.77	12/14/2003	USA	Erik HOCHSTEIN	400	M.	FREE	Sophie CASSON	GBR	07/15/2023	4:19.96
8:16.19	12/06/2009	USA	Alex KOSTICH	800	M.	FREE	Sophie CASSON	GBR	01/31/2020	8:50.76
15:41.78	01/28/2023	USA	Chad LA TOURETTE	1500	M.	FREE	Heidi GEORGE	USA	09/27/2015	16:52.94
24.48	11/27/2021	GER	Stefano RAZETO	50	M.	BACK	Noriko INADA	USA	11/13/2016	27.63
54.57	11/12/2023	JPN	Manabu SASAKI	100	M.	BACK	Noriko INADA	USA	11/19/2017	1:00.43
1:59.58	11/11/2023	USA	Kevin NEAD	200	M.	BACK	Kana OHASHI	JPN	11/16/2013	2:13.37
26.66	11/17/2018	USA	Roland SCHOEMAN	50	M.	BRST	Petra WEBER	CZE	11/20/2023	30.96
59.65	03/19/2023	JPN	Ryo KOBAYASHI	100	M.	BRST	Petra WEBER	CZE	11/11/2023	1:08.49
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	Danielle HERRMANN	USA	10/08/2022	27.29
52.78	01/18/2020	JPN	Takuya HASEGAWA	100	M.	FLY	C.ATHAYDE	BRA	07/25/2021	1:01.31
2:00.01	05/28/2023	JPN	Tatsuya ITO	200	M.	FLY	C.ATHAYDE	BRA	07/24/2021	2:14.46
54.86	12/17/2022	POL	P.KORZENIOWSKI	100	M.	I.M.	Petra WEBER	CZE	11/19/2023	1:02.76
1:59.85	10/27/2019	USA	Darian TOWNSEND	200	M.	I.M.	Hitomi MATSUDA	JPN	11/18/2012	2:17.69
4:19.79	10/26/2019	USA	Darian TOWNSEND	400	M.	I.M.	K.PIPES-NEILSEN	USA	12/14/1997	4:52.85
***** MEN ***** 40-44 ***** WOMEN *****										
22.39	11/21/2023	ITA	Filippo MAGNINI	50	M.	FREE	Erika BRAUN	USA	12/14/2014	26.02
48.68	11/23/2023	ITA	Filippo MAGNINI	100	M.	FREE	Erika BRAUN	USA	12/14/2014	57.08
1:49.86	12/17/2023	ITA	Filippo MAGNINI	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
25.48	03/21/2021	JPN	M.WAKABAYASHI	50	M.	BACK	Raakel 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
27.05	11/18/2023	USA	Roland SCHOEMAN	50	M.	BRST	Nicole HEIDEMANN	GER	11/20/2022	31.81
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	Nicole HEIDEMANN	GER	11/05/2022	2:32.17
23.90	10/01/2023	JPN	Kohei KAWAMOTO	50	M.	FLY	Erika BRAUN	USA	03/16/2013	28.19
53.56	10/01/2023	JPN	Kohei KAWAMOTO	100	M.	FLY	S.VON DER LIPPE	USA	11/21/2009	1:01.70
2:02.97	10/11/1998	USA	William SPECHT	200	M.	FLY	S.VON DER LIPPE	USA	11/19/2006	2:20.66
56.80	03/19/2023	JPN	Daisuke HOSOKAWA	100	M.	I.M.	Lisa BLACKBURN	USA	10/10/2015	1:04.19
2:03.45	12/02/2022	USA	Markus ROGAN	200	M.	I.M.	S.VON DER LIPPE	USA	12/02/2007	2:19.21



**MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2023**



4:22.29	12/02/2023	USA	Markus ROGAN	400	M.	I.M.	K.PIPES-NEILSEN	USA	11/24/2002	5:00.82
*****			MEN *****	45-49			*****	W O M E N *****		
22.85	06/02/2019	JPN	Hideaki HARA	50	M.	FREE	Erika BRAUN	USA	10/13/2018	26.29
49.99	06/02/2019	JPN	Hideaki HARA	100	M.	FREE	Jennifer MIHALIK	USA	12/02/2023	57.53
1:52.58	06/25/2023	BRA	Rodrigo CASTRO	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	Heidi GEORGE	USA	08/01/2021	4:24.86
8:24.75	03/29/2015	ITA	Fabio CALMASINI	800	M.	FREE	Heidi GEORGE	USA	01/28/2023	9:01.09
16:08.41	02/25/2023	ITA	Nicola NISATO	1500	M.	FREE	Heidi GEORGE	USA	01/28/2023	17:01.27
25.73	12/17/2022	POL	Marcin KACZMAREK	50	M.	BACK	Raakel LUOTO	FIN	01/11/2020	29.52
57.00	12/13/2009	USA	Chris STEVENSON	100	M.	BACK	Jennifer MIHALIK	USA	12/03/2023	1:04.11
2:05.54	12/12/2009	USA	Chris STEVENSON	200	M.	BACK	K.PIPES-NEILSEN	FRA	02/26/2009	2:18.15
28.64	11/18/2023	USA	Jeff COMMINGS	50	M.	BRST	Katie GLENN	USA	11/18/2023	32.59
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	Gabrielle ROSE	USA	12/02/2022	2:34.77
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
2:05.00	01/19/2020	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.	Gabrielle ROSE	USA	12/02/2022	2:19.30
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			*****	W O M E N *****		
23.36	05/28/2022	AUS	Chris FYDLER	50	M.	FREE	M.Therese FUZZATI	FRA	03/27/2015	26.27
51.49	03/26/2017	FRA	Nicolas GRANGER	100	M.	FREE	Erika BARUN	USA	10/15/2023	58.12
1:54.61	10/14/2011	USA	Rowdy GAINES	200	M.	FREE	S.HEIM-BOWEN	USA	12/06/2009	2:10.72
4:04.48	01/29/2017	FRA	Nicolas GRANGER	400	M.	FREE	Alison ZAMANIAN	USA	10/17/2021	4:33.86
8:33.74	11/17/2018	ITA	Fabio CALMASINI	800	M.	FREE	Alison ZAMANIAN	USA	10/16/2021	9:23.30
16:23.36	02/22/2020	ITA	Fabio CALMASINI	1500	M.	FREE	Alison ZAMANIAN	USA	01/29/2022	17:47.04
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
28.72	12/25/2023	JPN	Hideaki TOGO	50	M.	BRST	Monica CORO	ITA	11/24/2012	33.96
1:03.59	12/10/2023	JPN	Hideaki TOGO	100	M.	BRST	Helen GORMAN	GBR	07/10/2022	1:13.95
2:19.36	03/23/2018	FRA	Nicolas GRANGER	200	M.	BRST	Helen GORMAN	GBR	10/29/2022	2:41.45
24.96	11/27/2022	JPN	Eiji NOMURA	50	M.	FLY	Susie O'NEILL	AUS	06/17/2023	28.95
55.85	01/15/2022	JPN	Eiji NOMURA	100	M.	FLY	Jenny THOMPSON	USA	12/03/2023	1:03.51
2:07.66	01/15/2023	JPN	Eiji NOMURA	200	M.	FLY	Lynn MARSHALL	CAN	05/08/2011	2:28.08
57.69	03/24/2017	FRA	Nicolas GRANGER	100	M.	I.M.	Erika BRAUN	USA	10/15/2022	1:07.04
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			*****	W O M E N *****		
24.37	03/23/2019	SWE	Calvin MAUGHAN	50	M.	FREE	M.FUZZATI	FRA	03/10/2022	27.42
54.32	03/23/2019	SWE	Calvin MAUGHAN	100	M.	FREE	Karlyn PIPES	USA	01/20/2017	1:00.61
1:59.08	11/21/2009	USA	Michael MANN	200	M.	FREE	Ellen REYNOLDS	USA	12/03/2023	2:13.22
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
16:59.70	06/04/2022	NZL	Brent FOSTER	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	Ellen REYNOLDS	USA	12/07/2019	1:07.17
2:12.29	12/02/2023	BRA	Eduardo MAROCCO	200	M.	BACK	Ellen REYNOLDS	USA	12/08/2019	2:25.27
29.22	02/09/2020	ITA	C.Arturo TRAVAINI	50	M.	BRST	Monica CORO	ITA	04/09/2017	35.15
1:04.26	02/16/2019	ITA	C.Arturo TRAVAINI	100	M.	BRST	Marzena KULIS	ITA	01/26/2019	1:17.36
2:22.91	04/21/2018	ITA	C.Arturo TRAVAINI	200	M.	BRST	Marzena KULIS	ITA	01/27/2019	2:46.91
26.41	12/03/2023	GER	Lars RENNEN	50	M.	FLY	Leslie LIVINGSTON	USA	03/05/2016	29.39
59.11	09/09/2023	NZL	Mark WELDON	100	M.	FLY	Franca BOSISIO	ITA	12/17/2023	1:08.11
2:15.97	01/26/2013	NED	Hugo BREGMAN	200	M.	FLY	Laura VAL	USA	09/14/2008	2:31.13
1:00.75	10/28/2023	USA	Mike IRVIN	100	M.	I.M.	Karlyn PIPES	USA	01/21/2017	1:09.08
2:14.15	04/23/2023	FRA	Nicolas GRANGER	200	M.	I.M.	Ellen REYNOLDS	USA	1/24/2019	2:27.78
4:49.86	07/16/2022	NZL	Brent FOSTER	400	M.	I.M.	Ellen REYNOLDS	USA	11/24/2019	5:15.72
*****			MEN *****	60-64			*****	W O M E N *****		
24.90	12/03/2006	USA	Richard ABRAHAMS	50	M.	FREE	Jenny WHITELEY	AUS	05/26/2018	28.50
55.73	11/23/2023	TUR	Ahmet NAKKAS	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
4:27.57	10/15/2022	PUR	Arnaldo PEREZ	400	M.	FREE	Lynn MARSHALL	CAN	03/19/2022	4:48.80
9:07.78	10/14/2022	PUR	Arnaldo PEREZ	800	M.	FREE	Lynn MARSHALL	CAN	03/18/2023	9:55.61
17:34.51	01/29/2022	USA	Arnaldo PEREZ	1500	M.	FREE	Lynn MARSHALL	CAN	01/21/2023	18:52.68
29.44	12/07/2019	USA	Jamie FOWLER	50	M.	BACK	Karlyn PIPES	USA	04/23/2022	32.91
1:03.15	12/07/2019	USA	Jamie FOWLER	100	M.	BACK	Bonnie BILICH	USA	10/13/2018	1:12.39
2:17.15	12/08/2019	USA	Jamie FOWLER	200	M.	BACK	Karlyn PIPES	USA	04/24/2022	2:34.31
29.77	04/22/2023	ITA	C.Arturo TRAVAINI	50	M.	BRST	Jenny WHITELEY	AUS	05/26/2018	37.08
1:06.05	02/11/2023	ITA	C.Arturo TRAVAINI	100	M.	BRST	Jenny WHITELEY	AUS	05/26/2018	1:20.50
2:26.52	04/23/2023	ITA	C.Arturo TRAVAINI	200	M.	BRST	Jenny WHITELEY	AUS	05/26/2018	2:57.05
26.78	05/13/2017	CAN	Dan THOMPSON	50	M.	FLY	Traci GRANGER	USA	12/07/2019	31.24
1:00.20	05/23/2016	CAN	Dan THOMPSON	100	M.	FLY	Karlyn PIPES	USA	04/23/2022	1:10.97
2:20.27	01/20/2018	NED	Hugo BREGMAN	200	M.	FLY	Laura VAL	USA	12/03/2011	2:41.25
1:03.20	04/02/2023	ITA	C.Arturo TRAVAINI	100	M.	I.M.	Karlyn PIPES	USA	04/24/2022	1:12.08

**MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2023**



2:19.31	02/25/2023	ITA	C.Arturo TRAVAINI	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.	Lynn MARSHALL	CAN	03/27/2022	5:37.15
*****	*****	MEN	*****	65-69	*****	*****	*****	W O M E N	*****	*****
25.42	03/03/2018	USA	Doug MARTIN	50	M.	FREE	Laura VAL	USA	11/19/2016	29.30
57.78	05/26/2019	USA	Jack GROSELLE	100	M.	FREE	Laura VAL	USA	12/01/2017	1:04.40
2:07.46	10/02/2022	USA	Dan STEPHENSON	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
9:26.94	11/24/2019	USA	Rick COLELLA	800	M.	FREE	Laura VAL	USA	01/30/2016	10:34.67
18:26.04	6/23/2023	BRA	Djan MADRUGA	1500	M.	FREE	Suzanne HEIM	USA	01/28/2023	20:05.72
30.34	12/02/2012	USA	Hugh WILDER	50	M.	BACK	Laura VAL	USA	09/22/2019	33.41
1:07.09	11/12/2022	USA	Jonathan KLEIN	100	M.	BACK	Laura VAL	USA	12/01/2018	1:13.08
2:28.43	04/02/2022	USA	Dan STEPHENSON	200	M.	BACK	Laura VAL	USA	12/01/2017	2:42.87
32.50	11/20/2016	USA	Rick COLELLA	50	M.	BRST	Dagmar FRESE	GER	11/28/2021	38.90
1:11.82	11/24/2019	USA	Rick COLELLA	100	M.	BRST	Amanda HEATH	GBR	10/27/2023	1:27.95
2:36.85	11/19/2017	USA	Rick COLELLA	200	M.	BRST	Amanda HEATH	GBR	10/01/2022	3:07.97
27.94	05/06/2023	CAN	Dan THOMPSON	50	M.	FLY	Penny NOYES	USA	11/23/2019	32.57
1:03.85	02/19/2023	NED	Hugo BREGMAN	100	M.	FLY	Laura VAL	USA	12/08/2019	1:13.47
2:22.90	02/18/2023	NED	Hugo BREGMAN	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.	Penny NOYES	USA	11/23/2019	1:15.65
2:20.35	11/17/2018	USA	Rick COLELLA	200	M.	I.M.	Laura VAL	USA	12/06/2019	2:46.04
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	*****	*****	*****	W O M E N	*****	*****
26.88	10/10/2015	USA	Richard ABRAHAMS	50	M.	FREE	Laura VAL	USA	12/03/2022	30.55
1:01.70	01/22/2023	USA	Bruce WILLIAMS	100	M.	FREE	Laura VAL	USA	12/01/2023	1:06.02
2:10.97	12/04/2021	USA	Rick COLELLA	200	M.	FREE	Laura VAL	USA	12/03/2023	2:25.35
4:46.78	01/30/2022	USA	Rick COLELLA	400	M.	FREE	Laura VAL	USA	02/26/2023	5:18.26
9:36.64	01/30/2022	USA	Rick COLELLA	800	M.	FREE	Christie CIRAULO	USA	12/03/2023	11:08.52
18:29.71	01/30/2022	USA	Rick COLELLA	1500	M.	FREE	Christie CIRAULO	USA	11/05/2023	21:03.47
32.57	01/21/2023	USA	Bruce WILLIAMS	50	M.	BACK	Laura VAL	USA	12/03/2023	33.60
1:11.49	11/13/2021	USA	Lawrence DAY	100	M.	BACK	Laura VAL	USA	12/02/2023	1:13.10
2:34.96	11/14/2021	USA	Lawrence DAY	200	M.	BACK	Laura VAL	USA	12/03/2023	2:43.77
33.54	12/04/2021	USA	Rick COLELLA	50	M.	BRST	C.Wendy SMITH	ITA	04/22/2023	42.10
1:13.04	12/04/2021	USA	Rick COLELLA	100	M.	BRST	Nobuko YASUDA	JPN	04/12/2015	1:33.92
2:45.56	11/19/2023	USA	Rick COLELLA	200	M.	BRST	Nobuko YASUDA	JPN	01/21/2017	3:24.57
29.52	10/11/2015	USA	Richard ABRAHAMS	50	M.	FLY	Laura VAL	USA	02/25/2023	34.14
1:06.54	10/17/2021	USA	Lawrence DAY	100	M.	FLY	Laura VAL	USA	10/17/2021	1:15.46
2:45.30	11/14/2021	USA	Lawrence DAY	200	M.	FLY	Laura VAL	USA	10/07/2023	2:57.32
1:06.98	12/04/2021	USA	Rick COLELLA	100	M.	I.M.	Laura VAL	USA	12/04/2022	1:18.81
2:27.07	12/04/2021	USA	Rick COLELLA	200	M.	I.M.	Laura VAL	USA	10/16/2021	2:52.19
5:46.48	03/10/2022	FRA	Patrick MOREAU	400	M.	I.M.	Laura VAL	USA	10/06/2023	6:07.14
*****	*****	MEN	*****	75-79	*****	*****	*****	W O M E N	*****	*****
28.70	11/21/2021	USA	Richard ABRAHAMS	50	M.	FREE	Diann UUSTAL	USA	10/15/2022	34.04
1:04.80	10/13/2019	USA	David QUIGGIN	100	M.	FREE	Diann UUSTAL	USA	10/17/2021	1:15.87
2:26.87	11/18/2023	USA	Dan KIRKLAND	200	M.	FREE	Diann UUSTAL	USA	10/14/2022	2:51.46
5:09.95	03/11/2023	USA	Dan KIRKLAND	400	M.	FREE	Yoshiko OSAKI	JPN	04/19/2015	6:08.74
10:40.84	02/05/2023	USA	Dan KIRKLAND	800	M.	FREE	Yoshiko OSAKI	JPN	05/12/2013	12:25.61
20:18.58	02/05/2023	USA	Dan KIRKLAND	1500	M.	FREE	Jane ASHER	GBR	11/26/2006	24:04.75
33.87	12/02/2018	USA	Richard BURNS	50	M.	BACK	Clary MUNNS	AUS	07/21/2019	39.01
1:14.03	12/07/2019	USA	Richard BURNS	100	M.	BACK	Diann UUSTAL	USA	10/15/2022	1:26.40
2:44.04	12/02/2018	USA	Richard BURNS	200	M.	BACK	Diann UUSTAL	USA	10/17/2021	3:10.53
36.78	02/19/2022	ITA	Roberto RUGGIERI	50	M.	BRST	Shoko YONEZAWA	JPN	02/14/2010	43.79
1:24.27	12/03/2022	USA	Douglas SPRINGER	100	M.	BRST	Shoko YONEZAWA	JPN	03/21/2010	1:36.48
2:45.56	11/19/2023	USA	Rick COLELLA	200	M.	BRST	Shoko YONEZAWA	JPN	04/17/2010	3:33.03
32.09	11/21/2021	USA	Richard ABRAHAMS	50	M.	FLY	Judy WILSON	FRA	03/08/2019	38.17
1:17.39	12/16/2023	USA	Fred SCHLICHER	100	M.	FLY	Judy WILSON	FRA	03/09/2019	1:30.03
3:09.42	12/17/2023	USA	Fred SCHLICHER	200	M.	FLY	Clary MUNNS	AUS	05/25/2019	3:34.50
1:17.58	07/23/2016	USA	Mike FRESHLEY	100	M.	I.M.	Clary MUNNS	AUS	05/25/2019	1:27.96
2:50.79	11/30/2018	USA	Richard BURNS	200	M.	I.M.	Kira MAKAROVA	RUS	11/13/2022	3:15.24
6:26.09	09/22/2019	USA	Richard BURNS	400	M.	I.M.	Yoshiko OSAKI	JPN	05/11/2013	7:11.33
*****	*****	MEN	*****	80-84	*****	*****	*****	W O M E N	*****	*****
31.25	12/02/2017	USA	Jeff FARRELL	50	M.	FREE	Yoshiko OSAKI	JPN	05/20/2018	36.08
1:09.20	02/12/2023	JPN	Akira FUJIMAKI	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	Yoshiko OSAKI	JPN	10/20/2019	6:23.17
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
36.01	02/26/2023	USA	Richard BURNS	50	M.	BACK	Satoko TAKEUJI	JPN	05/15/2022	43.76
1:18.31	12/02/2023	USA	Richard BURNS	100	M.	BACK	E.KETELSEN	DEN	09/30/2023	1:35.77
2:56.75	02/25/2023	USA	Richard BURNS	200	M.	BACK	Noriko YOSHIDA	JPN	03/19/2023	3:32.48
41.42	05/15/2005	JPN	Toshio TAJIMA	50	M.	BRST	Shoko YONEZAWA	JPN	03/08/2015	46.48
1:31.77	02/21/2021	JPN	Masaru SHINKAI	100	M.	BRST	Diane FORD	GBR	06/24/2023	1:42.00
3:21.35	02/21/2021	JPN	Masaru SHINKAI	200	M.	BRST	Diane FORD	GBR	10/28/2023	3:53.56
34.81	12/02/2023	USA	Richard BURNS	50	M.	FLY	Jane ASHER	GBR	04/09/2011	45.57
1:25.21	12/03/2023	USA	Richard BURNS	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

**MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2023**



1:23.73	02/26/2023	USA	Richard BURNS	100	M.	I.M.	Yoshiko OSAKI	JPN	01/20/2018	1:38.45
3:08.90	02/25/2023	USA	Richard BURNS	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	*****	*****	*****	W O M E N	*****	*****
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	Yoshiko OSAKI	JPN	04/08/2023	1:27.19
2:55.35	01/30/2016	ESP	Roberto ALBERICHE	200	M.	FREE	Jane ASHER	GBR	06/25/2016	3:12.66
6:27.44	04/13/2019	USA	David RADCLIFF	400	M.	FREE	Jane ASHER	GBR	04/15/2016	6:57.06
13:20.46	01/13/2019	USA	David RADCLIFF	800	M.	FREE	Jane ASHER	GBR	09/16/2016	14:24.83
25:18.19	04/12/2019	USA	David RADCLIFF	1500	M.	FREE	Jane ASHER	GBR	11/27/2016	28:02.25
40.59	04/19/2009	JPN	Keijiro NAKAMURA	50	M.	BACK	Yoshiko OSAKI	JPN	05/28/2023	45.54
1:28.98	05/18/2008	JPN	Keijiro NAKAMURA	100	M.	BACK	Yoshiko OSAKI	JPN	07/02/2023	1:43.03
3:18.29	04/20/2008	JPN	Keijiro NAKAMURA	200	M.	BACK	Katharina FLORA	HUN	02/24/2019	3:48.62
44.47	06/13/2010	JPN	Toshio TAJIMA	50	M.	BRST	A.VAN OBBERGHEN	BEL	01/23/2016	52.17
1:39.04	07/23/2023	AUS	Tony GOODWIN	100	M.	BRST	A.VAN OBBERGHEN	BEL	01/22/2016	1:56.68
3:43.10	06/17/2023	AUS	Tony GOODWIN	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
1:49.41	05/21/2022	AUS	John COCKS	100	M.	FLY	Judie OLIVER	CAN	05/12/2017	2:02.59
4:07.30	10/27/2023	GBR	David CUMMING	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
3:36.41	05/22/2022	AUS	John COCKS	200	M.	I.M.	Katharina FLORA	HUN	02/23/2019	3:57.27
7:58.08	05/20/2022	AUS	John COCKS	400	M.	I.M.	Judie OLIVER	CAN	03/24/2017	8:42.45
*****	*****	MEN	*****	90-94	*****	*****	*****	W O M E N	*****	*****
40.93	02/07/2016	JPN	Toshimi INATOMI	50	M.	FREE	Jane ASHER	GBR	10/30/2021	45.42
1:35.17	10/11/2015	GER	Karl HAUTER	100	M.	FREE	Jane ASHER	GBR	10/29/2021	1:44.21
3:27.14	11/25/2016	GER	Karl HAUTER	200	M.	FREE	Jane ASHER	GBR	10/02/2021	3:52.93
7:42.61	10/23/2022	JPN	Katsura SUZUKI	400	M.	FREE	Jane ASHER	GBR	11/28/2021	8:48.34
16:04.18	09/27/2014	USA	Willard LAMB	800	M.	FREE	Jane ASHER	GBR	11/28/2021	17:58.34
30:12.33	05/27/2022	JPN	Katsura SUZUKI	1500	M.	FREE	Jane ASHER	GBR	11/28/2021	33:41.77
52.40	05/14/2023	JPN	Mampeï SEINO	50	M.	BACK	Jane ASHER	GBR	10/02/2021	55.59
1:47.66	05/14/2006	JPN	Goro KOBAYASHI	100	M.	BACK	Jane ASHER	GBR	10/31/2021	2:01.17
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	A.VAN OBBERGHEN	BEL	11/26/2023	59.04
1:56.64	11/07/2015	GER	Karl HAUTER	100	M.	BRST	A.VAN OBBERGHEN	BEL	11/26/2023	2:13.42
4:21.52	11/12/2016	GER	Karl HAUTER	200	M.	BRST	Olga KOKORINA	RUS	03/07/2013	5:15.24
54.10	11/27/2021	GER	Curt ZEISS	50	M.	FLY	Judith OLIVER	CAN	12/18/2022	1:02.60
2:16.78	06/10/2018	BRA	G.DA SILVA	100	M.	FLY	Judith OLIVER	CAN	04/24/2022	2:28.60
5:24.08	10/11/2015	USA	Thomas MAINE	200	M.	FLY	Judith OLIVER	CAN	11/06/2022	5:33.79
1:53.75	11/28/2015	GER	Karl HAUTER	100	M.	I.M.	Jane ASHER	GBR	10/29/2022	2:09.47
4:17.75	11/25/2016	GER	Karl HAUTER	200	M.	I.M.	Judith OLIVER	CAN	04/24/2022	4:50.01
9:39.56	11/15/2015	USA	Thomas MAINE	400	M.	I.M.	Judith OLIVER	CAN	11/06/2022	10:29.18
*****	*****	MEN	*****	95-99	*****	*****	*****	W O M E N	*****	*****
45.47	11/18/2017	USA	Willard LAMB	50	M.	FREE	Liz WALLIS	AUS	04/22/2022	1:00.28
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	Kalis RASMUSSEN	CAN	04/27/2019	2:42.13
4:24.83	11/18/2017	USA	Willard LAMB	200	M.	BACK	Kalis RASMUSSEN	CAN	04/28/2019	5:42.83
1:07.12	01/24/2010	JPN	Hiromu YOSHIMOTO	50	M.	BRST	Kalis RASMUSSEN	CAN	04/28/2019	1:32.51
2:31.77	01/24/2010	JPN	Hiromu YOSHIMOTO	100	M.	BRST	Kalis RASMUSSEN	CAN	04/28/2019	3:33.94
5:45.70	05/08/2010	JPN	Hiromu YOSHIMOTO	200	M.	BRST	Kalis RASMUSSEN	CAN	04/28/2019	7:22.30
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				
11:08.68	03/17/2018	USA	Robert DOUD	200	M.	FLY				
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.				
*****	*****	MEN	*****	100-104	*****	*****	*****	W O M E N	*****	*****
55.75	06/23/2018	AUS	George CORONES	50	M.	FREE	Maurine KORNFELD	USA	10/03/2021	1:15.61
2:13.96	03/12/2022	USA	Willard LAMB	100	M.	FREE	Mieko NAGAOKA	JPN	01/26/2014	3:30.49
4:50.84	03/12/2022	USA	Willard LAMB	200	M.	FREE	Mieko NAGAOKA	JPN	01/25/2014	7:27.89
10:05.73	01/30/2022	USA	Willard LAMB	400	M.	FREE	Mieko NAGAOKA	JPN	04/06/2014	16:40.10
20:23.87	01/30/2022	USA	Willard LAMB	800	M.	FREE	Mieko NAGAOKA	JPN	05/11/2014	36:51.23
38:32.90	01/30/2022	USA	Willard LAMB	1500	M.	FREE	Mieko NAGAOKA	JPN	04/04/2015	75:54.39
1:07.11	03/12/2022	USA	Willard LAMB	50	M.	BACK	Maurine KORNFELD	USA	10/03/2021	1:29.22
2:24.84	03/12/2022	USA	Willard LAMB	100	M.	BACK	Maurine KORNFELD	USA	10/03/2021	2:55.51
5:09.10	03/13/2022	USA	Willard LAMB	200	M.	BACK	Maurine KORNFELD	USA	10/03/2021	6:22.14
1:52.04	03/13/2022	USA	Willard LAMB	50	M.	BRST				
				100	M.	BRST	Charlotte SANDDAL	USA	10/06/2022	6:02.24
				200	M.	BRST	Charlotte SANDDAL	USA	10/05/2022	12:48.34
				50	M.	FLY				
				100	M.	FLY				



**MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2023**



\*\*\*\*\* RELAY 800 M. FREE - WOMEN \*\*\*\*\*  
 100-119 SILVER CITY GBR 10/28/2017 8:53.34  
 Rachael KEIR Louise KENNEDY  
 Kelly MCINTOSH Laura ROBERTSON  
 120-159 TNT/OKUDA BRA 12/03/2021 8:42.32  
 Flavia TURINI Jovana SANTORO NAKAGAKI  
 Ana Carolina TANGE MORELL Mariana SANTORO NAKAGAKI  
 160-199 BASINGSTOKE GBR 10/28/2023 8:54.33  
 Fleur TURNER Alex O'KELLY  
 Sarah HUNT Elizabeth GODFREY  
 200-239 PSV MASTERS NED 12/04/2022 9:18.55  
 Kristen CAMERON Saskia PHAFF  
 Liselotte JOLING Carla GEURTS  
 240-279 SWIM MELBOURNE USA 10/13/2023 10:09.82  
 Kelly PARKER PALACE Zena COURTNEY  
 Karen TORRES Joan WHEELER  
 280-319 SARASOTA SHARKS MAST USA 10/14/2022 11:54.09  
 Diann UUSTAL June CARSON  
 Sue WATTS Nancy KRYKA  
 320-359 SUNWAY YOKOHAMA JPN 10/21/2017 16:13.28  
 Shoko YONEZAWA Sachie MORI  
 Yuko SAKAGAMI Sonoe WATANABE  
 360-399

\*\*\*\*\* RELAY 200 M. FREE - M E N \*\*\*\*\*  
 100-119 OKUDINHAS BRA 12/12/2009 1:30.73  
 Ricardo WASSALL Leandro OKUDA  
 Daniel BELINI Alexander REHDER  
 120-159 TSUNAMI RUS 11/24/2019 1:30.83  
 Aleksey GETMANENKO Aleksandor SATANOVSKIY  
 Sergey MUKHIN Andrei KURNOSOV  
 160-199 S.C. GETXO ESP 02/18/2023 1:32.77  
 Mikel BILDOSOLA Inaki BILDOSOLA  
 Mikel DEBA Edorta DE MIGUEL  
 200-239 TATTERSALLS MASTERS AUS 05/28/2022 1:37.35  
 Chris FYDLER Peter THIEL  
 Guy FARROW James HICKMAN  
 240-279 BLU FROG TEAM USA 10/14/2012 1:43.21  
 Richard ABRAHAMS Marc MIDDLETON  
 Lucky MEISENHEIMER Ross BOGLKEN  
 280-319 GOLD COAST MASTERS USA 10/11/2015 1:54.44  
 Keefe LODWIG Jan SODERSTROM  
 Lee CHILDS David QUIGGIN  
 FAGUN  
 320-359 TAMALPAIS AQUATIC MA USA 10/08/2023 2:12.76  
 Richard BURNS Peter ANDERSEN  
 Ed REED Tony PALPHS  
 360-399 JUEI CLUB JPN 02/17/2008 3:19.42  
 Isamu TAMURA Hideya FUJII  
 Hidekazu TAMURA Tokushi KOMEDA

\*\*\*\*\* RELAY 400 M. FREE - M E N \*\*\*\*\*  
 100-119 EAST LEEDS SWIM CLUB GBR 10/27/2019 3:24.53  
 ALISTAIR CRAWFORD RICHARD JAGGER  
 RICHARD AYRE RYAN FLANAGAN  
 120-159 JFE KEIHIN JPN 05/20/2018 3:23.55  
 Ryoya TAGUCHI Takashi TAKEMOTO  
 Takao UEKI Shintaro UCHIYAMA  
 160-199 MOZKA BEL 03/23/2019 3:27.42  
 Fredric TONUS Ruud CUYVERS  
 Michel VAN THIELEN Stef VERACHTEN  
 200-239 BLU FROG TEAM USA 10/15/2011 3:40.26  
 Charles LYDECKER Ross BOHLKEN  
 Keith SWITZER Ambrose GAINES  
 240-279 BLU FROG TEAM USA 10/14/2012 3:56.97  
 Ross BOHLKEN Marc MIDDLETON  
 Lucky MEISENHEIMER Richard ABRAHAMS  
 280-319 SARASOTA SHARKS MAST USA 11/13/2021 4:19.08  
 Jack GROSELLE Jeffrey BOATRRIGHT  
 Bob COUCH Rick WALKER  
 320-359 TAMALPAIS AQUATIC MA USA 10/07/2023 5:00.23  
 Richard BURNS Peter ANDERSEN  
 Ed REED Tony PALPHS

\*\*\*\*\* RELAY 200 M. MEDLEY - M E N \*\*\*\*\*  
 100-119 KALEVI IJUMISKOOL EST 09/25/2021 1:38.97  
 Ralf TRIBUNTSOV Martti ALJAND  
 Fred KARU Pjotr DEGTJARJOV  
 120-159 JFE KEIHIN JPN 03/18/2018 1:38.46  
 Takashi TAKEMOTO Yuki KANAYA  
 Ryoya TAGUCHI Shintaro UCHIYAMA  
 160-199 AQUAMORE ACQUA 13 ITA 12/17/2023 1:42.65  
 Enrico CATALANO Filippo MAGNINI  
 Leonardo FEDERICI Stefano GARZONIO  
 200-239 NOVAQUATICS MASTERS USA 12/02/2023 1:46.84  
 Peter MOORE Steve WEST  
 Roberto DELGADO Yann DE FABRIQUE  
 240-279 RICE AQUATIC MASTERS USA 11/10/2018 1:54.15  
 Jay YARID David GUTHRIE  
 John FIELDS Bruce WILLIAMS  
 280-319 ESPORTE CLUBE PINHEI BRA 10/22/2023 2:10.51  
 Jose Orlando LORO Flavio KELNER  
 Paulo MOTTA Luisz Antonio LOPES  
 320-359 TAMALPAIS AQUATIC MA USA 10/07/2023 2:37.06  
 Richard BURNS Peter ANDERSEN  
 Ed REED Tony RALPHS  
 360-399 NISHINOMIYA SUMIRE JPN 05/09/2009 4:15.49  
 Toshio YURI Hiromu YOSHIMOTO  
 Takeshi YASUKAWA Kazunaga AKUTSU

\*\*\*\*\* RELAY 400 M. MEDLEY - M E N \*\*\*\*\*  
 100-119 DARTMOOR DARTS GBR 10/27/2023 3:41.62  
 Daniel CROSS Kieran PRESTON  
 Sonny TRIGG Regan LLOYD  
 120-159 DIABLO JPN 02/12/2023 3:38.08  
 Junichi MORITA Shotaro SHIMAZAKI  
 Takatsuga OGA Naoya HIRANO  
 160-199 JSS FUKAI JPN 01/29/2023 3:47.97  
 Kenji KANAZAWA Yuichi SAKAI  
 Tomohiro NAKANO Masafumi TOJYO  
 200-239 LONGHORN AQUATICS USA 12/02/2012 3:59.68  
 Anders RASMUSSEN David GUTHRIE  
 Jim SAUER Mike VAROZZA  
 240-279 RICE AQUATIC MASTERS USA 11/11/2018 4:19.86  
 Jay YARID David GUTHRIE  
 John FIELDS Bruce WILLIAMS  
 280-319 VENTURA COUNTY MASTE USA 05/25/2019 4:59.48  
 Steven HECK Hubie KERNS  
 Glenn GRUBER Bruce ROLLINS  
 320-359 TAMALPAIS AQUATIC MA USA 12/03/2023 6:02.31  
 Ed REED Peter ANDERSEN  
 Richard BURNS Anthony RALPHS

**MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2023**



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 JFE KEIHIN	JPN	05/16/2021	7:18.39		
Shun WATARAI		Tatsuya KOJIMA			
Hiroya YAMADA		Ken KUWAYAMA			
120-159 BLUE CORSAIRS	JPN	04/09/2017	7:30.89		
Ryoya TAGUCHI		Takashi TAKEMOTO			
Shintaro UCHIYAMA		Takao UEKI			
160-199 JSS FUKAI	JPN	08/08/2021	7:48.49		
Masafumi TOJO		Kenji KANAZAWA			
Kesuke KUGA		Tomohiro NAMANO			
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 SARASOTA SHARKS MAST	USA	11/06/2022	9:45.48		
Bill BRACKETT		Lawrence DAY			
Lee CHILDS		Rick WALKER			
320-359 TAMALPAIS AQUATIC MA	USA	10/06/2023	11:23.16		
Richard BURNS		Peter ANDERSEN			
Ed REED		Tony PALPHS			
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 BRISTOL HEN	GBR	10/29/2023	1:38.76	100-119 QUEENDOM	JPN 05/21/2023 1:45.63
Richard KNIGHT		Scott MACDOUGALL		Takahisa YAMAMOTO	Yuki TAKASAKI
Annie BROWN		Rebecca GUY		Rizumu KIZAWA	Tatsuya ITO
120-159 TSUNAMI	RUS	11/22/2019	1:37.51	120-159 WILD ROSE SWIM CLUB	CAN 05/26/2023 1:47.26
Audrei KURNOSOV		Aleksey GETMANENKO		Joe BYRAM	Jason BLOCK
Ekaterina YUDINA		Irina SHLEMOVA		Lindsay LE ROUX	Erica MORNGINGTON
160-199 TSUNAMI	RUS	11/11/2022	1:40.07	160-199 MAD WAVE	RUS 11/14/2021 1:50.35
Andrey KURNOSOV		Sergey MUKHIN		Alexandra POVALII	Vladislav BRAGIN
Ekaterina YUDINA		Irina SHLEMOVA		Anna POLIAKOVA	Vladimir PREDKIN
200-239 EDGE	JPN	04/16/2023	1:45.30	200-239 NORTH CAROLINA MASTE	USA 12/03/2023 1:55.39
Masateru IKEDA		Toru TAKUBO		William WEAVER	David DUNSON
Yuriko IKEDA		Kaoru KOBAYASHI		Erika BRAUN	Kerry LINDAUER
240-279 NORTH TEXAS LONESTAR	USA	11/14/2015	1:52.68	240-279 NOVAQUATICS MASTERS	USA 12/07/2019 2:04.82
Doug MARTIN		Tom BARTON		Jamie FOWLER	Henry VEHOVEC
Christina MCKELVEY		Lynn MORRISON		Katie OSBORNE	Veronica HIBBEN
280-319 TAMALPAIS MASTERS	USA	10/09/2022	2:07.33	280-319 TAMALPAIS AQUATIC MA	USA 09/27/2015 2:22.04
Alan BERNARD		Martha JOYCE		Laura VAL	Kenneth FROST
Laura VAL		Richard BURNS		Richard BURNS	Nancy RIDOUT
320-359 ST KANSAI	JPN	01/27/2019	2:26.62	320-359 OREGON MASTERS	USA 03/10/2019 2:57.97
Fusako HIROOKA		Yoshiko OSAKI		Willard LAMB	Janet GETTLING
Chitoshi KONISHI		Yoshiyuki FUNAHASHI		Margaret TOPPEL	David RADCLIFF
360-399 SUNWAY YOKOHAMA	JPN	02/11/2018	3:32.71	360-399 WARRINGAH MASTERS	AUS 04/22/2022 5:02.42
Mieko KAMOSHITA		Kaizo WATANABE		Diana MOORE	Max VAN GELDER
Shoko YONEZAWA		Minoru NAGASHIMA		John PAGDEN	Liz WALLIS
***** RELAY 400 M.	FREE - MIXED	*****		***** RELAY 400 M. MEDLEY - MIXED	*****
100-119 VZC	NED	01/26/2020	3:40.20	100-119 TSUNAMI	RUS 11/22/2020 4:01.17
Marjolein DELNO		Olaf ACHTERBERG		Egor IOGIN	Anton TISHCHENKO
Jelle NAP		Saskia DE JONGE		Irina SHLEMOVA	Alina DEMKINA
120-159 GETXO	ESP	06/10/2023	3:36.49	120-159 PHOENIX SWIM CLUB	USA 11/24/2013 3:56.24
Mikel BILDOSOLA		Cristina MARDONES		Norika INADA	Jeff COMMINGS
Inaki BILDOSOLA		Ane IBARONDO		Erin CAMPBELL	Jan KONARZEWSKI
160-199 COLORADO MASTERS SWI	USA	11/21/2009	3:46.01	160-199 JSS FUKAI	JPN 05/07/2022 4:05.01
Chris O'SULLIVAN		Richard ABRAHAMS		Kana MORIHISA	Yuichi SAKAI
Susan VON DER LIPPE		Sheri HART		Tomohiro NAKANO	Ai OKI
200-239 NORTH CAROLINA MASTE	USA	12/14/2014	3:56.10	200-239 NORTH CAROLINA MASTE	USA 03/18/2023 4:19.84
Erika BRAUN		Henry STEWART		Jonathan KLEIN	Sharon TAYLOR
Sue WALSH		Jonathan KLEIN		Scott DALLAMURA	Erika BRAUN
240-279 CONEJO VALLEY MASTER	USA	12/02/2023	4:12.66	240-279 NORTH CAROLINA MASTE	USA 12/01/2023 4:40.29
Matthew BIONDI		Don SMITH		Jonathan KLEIN	Erika BRAUN
Shelly MARSHALL		Becky CLEAVENGER		Greg SANCHEZ	Celia WOLFF
280-319 TAMALPAIS MASTERS	USA	10/08/2022	4:40.10	280-319 TAMALPAIS AQUATIC MA	USA 10/11/2015 5:21.37
Richard BURNS		Laura VAL		Laura VAL	Kenneth FROST
Martha JOYCE		Alan BERNARD		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

**MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2023**



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 TRAFFORD METRO	GBR 02/26/2022 8:14.19		
James GIBSON	Matilda THURINGER		
Daniel MILLS	Victoria CUNNINGHAM		
120-159 TRAFFORD METRO	GBR 10/30/2022 8:07.91		
James GIBSON	Holly BOOTH		
Victoria CUNNINGHAM	Daniel MILLS		
160-199 CC ANIENE	ITA 03/12/2023 8:19.38		
Renato FERRANTE	Tania SPICOLA		
Sara ALFONSI	Maurizio TERSAR		
200-239 ILLINOIS MASTERS	USA 10/11/2015 8:36.91		
Liz DILLMANN	David SIMS		
Andrea BLOCK	Jim TUCHLER		
240-279 ZPC AMERSFOORT	NED 02/17/2023 9:25.75		
Chester MARSMAN	Atie PIJTAK-RADERSMA		
Marjan REMMITS-DE LANGE	Johan REMMITS		
280-319 TAMALPAIS AQUATIC MA	USA 09/27/2015 10:54.11		
Laura VAL	Kenneth FROST		
Nancy RIDOUT	Richard BURNS		
320-359 BIRMINGHAM MASTERS	GBR 10/30/2022 14:26.47		
Judy WILSON	Arthur LOWE		
Pauline COOKE	John TENNANT		
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 2024 Short Course Yards to be published in August 2024.

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