



Long Course Meters 2019 Top Ten

Published December 2019

The 2019 Long Course Meters Top Ten is the second issue in a series of three 2019 Top Ten issues produced by United States Masters Swimming. Inside you will find the Top Ten Times for the 2018-2019 Long Course Meter season (swims performed in a 50 meter pool) made on or before September 30, 2019 and forwarded to the National Swims Administrator, Mary Beth Windrath, by October 20th, 2019. Each LMSC is responsible for reporting the Top Ten Times, USMS national records, and world records achieved in its LMSC.

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

Top Ten Patches

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

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

All American Patches and Certificates

Once the SCM Top Ten is **finalized**, the official 2019 All American Roster will be produced. A swimmer/relay who has the Top Ten time in one or more events in any one of the three courses qualifies for All American status. Individual All Americans will be sent a congratulations letter from the USMS National Office. To order an All

American Certificate and Patch, send a check for \$5 made out to USMS to:

U.S. Masters Swimming Member Services
1751 Mound Street
Suite 201
Sarasota, FL 34236

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

For more information on USMS, visit our Web Site at www.usms.org. There you will find everything you want to know about United States Masters Swimming, including: Administration, Coaching, Competition, Fitness, Merchandise, Places to Swim, Training, the World of Swimming and links to USMS Top 10, USMS and FINA World Records.

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

Happy Swimming!

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	200+.....21
	240+.....21
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	320+.....23
Men's Relays	72+.....23
	100+.....23
	120+.....24
	160+.....24
	200+.....25
	240+.....26
	280+.....27
	320+.....27
	360+.....28
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	160+.....29
	200+.....30
	240+.....31
	280+.....32
	320+.....32
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Season	Date of Swims for Top 10 Consideration	Date Data must be Submitted	Report Delivered
Short Course Yards	On or before May 31	June 30	September
Long Course Meters	On or before Sept. 30	October 20	December
Short Course Meters	On or before Dec. 31	January 26 (of following year)	April

WOMEN 18-24			35.02 Emily J Sharpe	22	1:10.84 Heidi Zuniga	24	■ 800 M. FREESTYLE	
			35.21 Jean Livingston	24	■ 200 M. BUTTERFLY		8:47.44 RACHEL KOMISARZ	01
			35.56 Abigail Braswell	21	2:12.75 LAURA DAVIS	08	9:45.87 Courtney Randolph	28
■ 50 M. FREESTYLE		■ 100 M. BACKSTROKE			2:19.27 Tara K Halsted	24	9:52.91 Mackenzie M Leake	26
26.22 KARA DENBY	09	1:04.67 JENNY VON JOUANNE	12	2:21.30 Abbey K Erwin	20	10:10.50 Marielle Balz	28	
27.18 J Lorda Taylor	23	1:07.29 Caroline Sargent	18	2:31.65 Heidi Zuniga	24	10:26.09 Lindsey Chastain	28	
28.01 Elizabeth Zubero	21	1:08.18 Micah Otazu	21	2:44.36 Saskia Wong-Smith	19	10:33.07 Sadie Fieni	29	
28.01 Kennedy Hood	20	1:08.57 K Santilena	24	2:51.76 Eleanor Rimmerman	24	10:34.74 C Fittipaldi	26	
28.08 Abbey K Erwin	20	1:08.68 Annie Hart	22	■ 200 M. INDIVIDUAL MEDLEY		10:36.86 Emily Arcuri	27	
28.13 Hannah Matheson	24	1:13.71 Vivian A Crow	22	2:16.06 LAURA DAVIS	08	10:43.87 Molly Woodford	29	
28.36 Bridget Opdahl	24	1:13.77 Saskia Wong-Smith	19	2:25.06 Abbey K Erwin	20	10:44.61 Laurel Ball	28	
28.58 Maria Carlson	24	1:18.51 Natalia Contreras	22	2:27.09 Maria Carlson	24	10:45.88 Jennifer L Mohn	28	
28.69 Annie Hart	22	1:19.71 Maddie Orgill	19	2:27.94 Elizabeth Zubero	21	■ 1500 M. FREESTYLE		
29.10 Tara K Halsted	24	1:20.20 Mackenzie Schley	22	2:32.71 Lia Lombardi	24	16:39.77 RACHEL KOMISARZ	01	
29.18 Kate Eisenbraun	19	1:20.47 Polina Krasnykova	20	2:34.14 Micah Otazu	21	18:49.13 Mackenzie M Leake	26	
■ 100 M. FREESTYLE		■ 200 M. BACKSTROKE		2:36.45 Kristina Patton	24	19:10.93 Marielle Balz	28	
57.90 RACHAEL BURNETT	14	2:19.70 S SCHWEITZER	00	2:37.55 Isabella Kearns	23	20:26.69 Gwen Mathias	26	
59.14 J Lorda Taylor	23	2:20.12 Tara K Halsted	24	2:40.11 Adelynn Peterson	20	20:32.48 Ella M Morris	27	
59.55 Abbey K Erwin	20	2:26.13 Caroline Sargent	18	2:40.16 Jennie Bankes	19	20:36.84 Carleigh L Kutac	29	
59.89 Tara K Halsted	24	2:32.76 Annie Hart	22	2:40.70 Laurel Krovetz	19	20:51.12 Danae Petrakis	27	
1:00.09 Elizabeth Zubero	21	2:39.68 Vivian A Crow	22	■ 400 M. INDIVIDUAL MEDLEY		20:51.88 Jennifer L Mohn	28	
1:01.65 Kennedy Hood	20	2:40.48 V Vanderpoel	23	5:08.00 JAMIE MARKS	10	21:13.61 Kelsie Baker	28	
1:01.92 Bridget Opdahl	24	2:41.72 Adelynn Peterson	20	5:41.54 Maddie Orgill	19	21:24.49 Miranda Henson	25	
1:02.21 Hannah Matheson	24	3:01.32 Heather Chen	23	5:55.76 Shannon Scovel	24	21:28.25 Lauren Nico	26	
1:02.42 K Santilena	24	3:40.14 Gina M Grant	21	6:07.80 Cara Cannilla	23	■ 50 M. BACKSTROKE		
1:02.80 Micah Otazu	21	■ 50 M. BREASTSTROKE		6:28.31 Lauren Nyberg	19	28.39 EMI MORONUKI	18	
1:04.23 Laurel Krovetz	19	32.92 LAUREN GREENBERG	15	6:39.92 Brittany L DeValk	23	31.96 Kathleen Ligon	25	
■ 200 M. FREESTYLE		33.71 Maria Carlson	24	7:44.52 Amanda Wasko	23	32.80 Sakiko Shimizu	27	
2:03.06 JESSICA FOSCHI	03	34.44 Heaven Quintana	21			33.15 Jocelyn Colella	29	
2:08.85 J Lorda Taylor	23	34.93 Elizabeth Zubero	21	WOMEN 25-29			34.70 Lauren Turner	27
2:12.03 Maria Carlson	24	36.37 Lia Lombardi	24	■ 50 M. FREESTYLE		34.97 Gwen Mathias	26	
2:12.68 Micah Otazu	21	37.34 Kristina Patton	24	24.83 MADISON KENNEDY	14	35.28 Molly K Meyer	25	
2:20.22 Isabella Kearns	23	37.46 Vivian A Crow	22	27.25 Kaitlyn Jones	25	35.30 Carleigh L Kutac	29	
2:22.82 Heidi Zuniga	24	37.59 Micah Otazu	21	27.85 Michelle K Duraj	27	35.37 Stephanie Doi	25	
2:22.97 Bridget Opdahl	24	39.04 Emily J Sharpe	22	28.39 Kathleen Ligon	25	35.63 Allison TerBush	29	
2:25.61 Emily J Sharpe	22	40.58 Brittany L DeValk	23	28.75 Martha Ruether	25	36.62 Fiona M Greer	26	
2:25.97 E Christiansen	22	■ 100 M. BREASTSTROKE		28.84 D Schumacher	28	■ 100 M. BACKSTROKE		
2:26.44 Adelynn Peterson	20	1:10.32 BREEJA LARSON	11	28.88 Sakiko Shimizu	27	1:01.60 EMI MORONUKI	18	
2:26.91 Alex Bae	24	1:12.45 Maria Carlson	24	29.22 Mackenzie M Leake	26	1:12.83 Gwen Mathias	26	
■ 400 M. FREESTYLE		1:17.30 Lia Lombardi	24	29.45 Olivia Alva	28	1:14.02 Courtney Randolph	28	
4:16.72 JULIA STOWERS	03	1:18.61 Heaven Quintana	21	29.46 Kristen LeGro	29	1:14.09 Jocelyn Colella	29	
4:50.76 Maria Carlson	24	1:21.39 Kristina Patton	24	29.48 Sadie Fieni	29	1:14.71 Anette A Skoda	28	
5:02.09 Emily J Sharpe	22	1:27.22 Albina Krasnykova	20	■ 100 M. FREESTYLE		1:18.48 Katherine Kaiser	28	
5:04.69 Maddie Orgill	19	1:28.04 Bridget Opdahl	24	54.72 MADISON KENNEDY	14	1:18.53 Allison TerBush	29	
5:09.88 E Christiansen	22	1:28.36 Emily J Sharpe	22	1:00.58 Michelle K Duraj	27	1:19.94 Fiona M Greer	26	
5:11.48 V Vanderpoel	23	1:29.08 Rachel Deschner	23	1:01.21 Jill C Jones	27	1:20.17 Mary Gardner	27	
5:11.81 Cara Cannilla	23	1:29.20 Clare Doolley	19	1:01.84 D Schumacher	28	1:20.57 Jennifer L Mohn	28	
5:18.61 Laurel Krovetz	19	1:29.76 Madison Behan	24	1:02.80 Courtney Randolph	28	1:22.35 Caitlin J Gagnon	25	
5:20.66 Jean Livingston	24	■ 200 M. BREASTSTROKE		1:02.82 Danae Petrakis	27	■ 200 M. BACKSTROKE		
5:21.77 Maya M Holay	24	2:36.61 MARISSA CLAPP	09	1:03.42 Sakiko Shimizu	27	2:13.19 EMI MORONUKI	18	
5:22.11 Sydney R Schmitz	20	2:41.90 Maria Carlson	24	1:04.06 Kaitlyn Jones	25	2:13.85 Mackenzie M Leake	26	
■ 800 M. FREESTYLE		2:51.37 Lia Lombardi	24	1:04.43 Olivia Alva	28	2:42.31 Gwen Mathias	26	
9:11.32 LUANE ROWE	13	3:14.22 Maddie Orgill	19	1:04.72 Marielle Balz	28	2:46.81 Katherine Kaiser	28	
10:15.47 Maddie Orgill	19	3:25.60 Brittany L DeValk	23	1:04.99 Lindsey Chastain	28	2:47.32 Mary Gardner	27	
10:22.19 V Vanderpoel	23	3:27.38 Miriam B Benjamin	23	■ 200 M. FREESTYLE		2:48.11 Lindsey Chastain	28	
10:30.44 Emily J Sharpe	22	3:52.95 Katriel Kasperski	23	2:02.06 SHEILA TAORMINA	95	2:49.35 Jennifer L Mohn	28	
10:38.79 Laurel Krovetz	19	■ 50 M. BUTTERFLY		2:10.45 Kaitlyn Jones	25	2:51.26 Allison TerBush	29	
10:53.48 Cara Cannilla	23	28.62 MEG GILL	09	2:17.47 D Schumacher	28	2:52.50 Fiona M Greer	26	
10:54.29 Sydney R Schmitz	20	28.64 Elizabeth Zubero	21	2:17.92 Marielle Balz	28	2:55.09 Caitlin J Gagnon	25	
10:57.71 E Christiansen	22	29.68 Hannah Matheson	24	2:19.81 Sadie Fieni	29	2:58.84 Lauren Turner	27	
11:20.25 Alex Bae	24	29.91 Annie Hart	22	2:20.30 Kirsten Esplin	29	■ 50 M. BREASTSTROKE		
11:32.12 Maya M Holay	24	30.03 Abbey K Erwin	20	2:20.40 Courtney Randolph	28	30.82 KATIE MEILI	16	
12:36.21 Dinara Shalhoup	24	30.30 J Lorda Taylor	23	2:21.89 Gwen Mathias	26	34.95 Jessica Kennedy	28	
■ 1500 M. FREESTYLE		30.70 Tara K Halsted	24	2:22.13 Mackenzie M Leake	26	35.70 Danae Petrakis	27	
17:22.39 LUANE ROWE	12	31.29 Vivian A Crow	22	2:22.32 Ella M Morris	27	35.91 Anna Sharpe	27	
19:31.56 V Vanderpoel	23	31.44 Kristina Patton	24	2:24.28 Alexis Hopps	25	36.19 Kirsten Esplin	29	
21:10.32 E Christiansen	22	31.60 Kate Eisenbraun	19	■ 400 M. FREESTYLE		36.42 Jill C Jones	27	
21:39.78 Kathleen Schafle	21	31.60 Maria Carlson	24	4:13.03 SHEILA TAORMINA	95	36.62 Anette A Skoda	28	
21:48.95 Maya M Holay	24	■ 100 M. BUTTERFLY		4:45.73 Courtney Randolph	28	36.93 Sakiko Shimizu	27	
23:02.58 Alex Bae	24	1:01.04 LAURA DAVIS	08	4:50.43 Mackenzie M Leake	26	37.11 Olivia Alva	28	
24:08.98 Brittany L DeValk	23	1:04.10 Abbey K Erwin	20	4:52.02 Marielle Balz	28	37.89 Laurel Ball	28	
■ 50 M. BACKSTROKE		1:04.21 J Lorda Taylor	23	5:02.23 Sadie Fieni	29	38.45 Sabrina Maisel	29	
30.84 EMILE EWING	11	1:04.28 Tara K Halsted	24	5:03.34 LillyBelle K Deer	26	■ 100 M. BREASTSTROKE		
31.28 Micah Otazu	21	1:05.59 Elizabeth Zubero	21	5:05.80 Ella M Morris	27	1:06.07 KATIE MEILI	16	
31.43 Tara K Halsted	24	1:05.99 Heaven Quintana	21	5:06.90 Laurel Ball	28	1:15.07 Rachel A Ripley	28	
31.81 Annie Hart	22	1:07.66 Maria Carlson	24	5:07.80 Molly Woodford	29	1:15.95 Anna Sharpe	27	
32.13 Hannah Matheson	24	1:08.29 Kristina Patton	24	5:08.20 Carleigh L Kutac	29	1:16.95 Jessica Kennedy	28	
32.46 J Lorda Taylor	23	1:09.46 Saskia Wong-Smith	19	5:08.98 Melissa Knehl	25	1:18.37 Danae Petrakis	27	
34.27 Caroline Sargent	18	1:09.90 Laurel Krovetz	19			1:18.43 Michelle K Duraj	27	
34.88 Emma DeCaro	19					1:19.99 Kirsten Esplin	29	

1:22.94 Olivia Alva	28	27.69 Lauren Bortnowski	33	■ 100 M. BACKSTROKE		1:16.01 Jessica Ballard	31
1:24.48 Anette A Skoda	28	27.78 Marie A Ballenger	33	1:01.78 NORIKO INADA	11	1:16.41 Cailyn J Bugbee	31
1:25.85 Sabrina Maisel	29	27.88 Alicia Hale	31	1:08.43 Alicia Hale	31	1:17.19 J Schauwecker	30
1:25.93 Courtney Randolph	28	28.25 Julie C Kamat	32	1:11.28 J Schauwecker	30	1:19.93 Lindsay Gaudinier	30
■ 200 M. BREASTSTROKE		28.37 C Iovanovich	30	1:12.40 Karen Younkings	33	■ 200 M. BUTTERFLY	
2:29.90 JUSTINE MUELLER	13	28.57 Andrea Uzcategui	30	1:13.15 Meghan Donahue	30	2:15.65 KIM VANDENBERG	13
2:43.77 Rachel A Ripley	28	28.63 Amanda Janszen	32	1:13.34 Emily S Parker	34	2:27.54 Amanda Janszen	32
2:45.22 Anna Sharpe	27	28.64 LaJoya B Smith	31	1:13.45 Mallory E Watson	33	2:36.86 Jamie L Marks	31
2:45.70 Jessica Kennedy	28	■ 100 M. FREESTYLE		1:17.09 Tiffany F Weidner	34	2:52.10 Lindsay Gaudinier	30
2:50.97 Michelle K Duraj	27	54.59 ERIKA ERNDL	09	1:19.62 Joan M Scaparra	32	2:52.44 Stefanie Capizzi	32
3:07.14 Sabrina Maisel	29	59.62 Kelley Conrad	30	1:19.88 Cailyn J Bugbee	31	3:00.51 Sarah E Bofinger	33
3:10.48 Christine Chu	26	1:00.49 Chelsea B Nauta	31	1:20.22 Margaret R Greer	31	3:12.69 K Pelczynski	34
3:14.74 Eileen J Kim	27	1:01.11 Alicia Hale	31	■ 200 M. BACKSTROKE		3:17.77 Judy Ho	34
3:17.57 Jennifer L Mohn	28	1:01.69 Amanda Janszen	32	2:17.61 SARABETH METZGER	09	3:41.07 Sarah R Swoch	34
3:17.78 Rachel Karen	27	1:02.14 Cara Davidoff	33	2:26.99 Alicia Hale	31	■ 200 M. INDIVIDUAL MEDLEY	
3:36.42 Carolina Ticeira	28	1:02.35 Julie C Kamat	32	2:34.04 J Schauwecker	30	2:13.72 ERIKA ERNDL	09
■ 50 M. BUTTERFLY		1:02.68 Rachel Jenkins	33	2:34.48 Emily S Parker	34	2:24.73 Alicia Hale	31
27.37 HANNAH SAIZ	17	1:03.65 Lauren Bortnowski	33	2:38.89 Karen Younkings	33	2:31.97 A Binder Brown	34
28.84 Kaitlyn Jones	25	1:03.75 J Schauwecker	30	2:39.78 Jessica Ballard	31	2:35.27 J Schauwecker	30
29.76 Sakiko Shimizu	27	1:03.89 Mallory E Watson	33	2:41.07 Mallory E Watson	33	2:39.46 Jessica Ballard	31
30.17 Kendra Chernoff	28	■ 200 M. FREESTYLE		2:43.75 Sara E Holman	33	2:40.57 Brittany Parish	30
30.38 Kelsi Hobbs	29	1:58.92 ERIKA ERNDL	09	2:44.51 Meghan Donahue	30	2:40.61 Lindsay Gaudinier	30
30.46 Kathleen Ligon	25	2:08.86 Chelsea B Nauta	31	2:50.98 Jamie L Marks	31	2:41.99 Emily S Parker	34
30.85 Emily Carlson	27	2:09.56 Alicia Hale	31	2:56.77 Tiffany F Weidner	34	2:44.19 Sharon C Taylor	34
31.38 Carleigh L Kutac	29	2:17.26 Lindsay Gaudinier	30	■ 50 M. BREASTSTROKE		2:50.60 Alisha M Rembach	31
31.44 Lauren Turner	27	2:17.69 Emily S Parker	34	33.20 KATIE MCCLELLAND	08	2:51.35 Karen Younkings	33
31.68 Molly K Meyer	25	2:20.34 Jessica Ballard	31	34.05 C Iovanovich	30	■ 400 M. INDIVIDUAL MEDLEY	
31.78 Martha Ruether	25	2:22.45 A Binder Brown	34	36.28 Sharon C Taylor	34	4:47.06 ERIKA ERNDL	08
■ 100 M. BUTTERFLY		2:22.53 Sara E Holman	33	36.93 Amanda Janszen	34	5:07.26 Alicia Hale	31
59.74 HANNAH SAIZ	17	2:23.22 Brittany Parish	30	37.05 Morena I Calvo	32	5:26.67 A Binder Brown	34
1:05.16 Kaitlyn Jones	25	2:23.41 Lauren Frendreis	30	37.68 Mariela Guerra	30	5:31.20 Emily S Parker	34
1:09.66 Danae Petrakis	27	2:26.58 Alisha M Rembach	31	38.35 Stefanie Capizzi	32	5:50.00 Stefanie Capizzi	32
1:10.69 Jill C Jones	27	■ 400 M. FREESTYLE		38.74 Jamie L Marks	31	5:51.52 Lindsay Gaudinier	30
1:11.42 Jessica Cutler	27	4:17.52 DAWN HECKMAN	10	38.85 Lauren Frendreis	30	5:55.66 Sara E Holman	33
1:11.70 Stephanie Doi	25	4:34.09 Chelsea B Nauta	31	40.17 Marlana L Tonelli	31	6:07.21 Marlana L Tonelli	31
1:12.28 Courtney Randolph	28	4:35.18 Alicia Hale	31	40.93 Kristina Petrakis	30	6:10.89 Mary E Holman	33
1:12.74 Alexis Hopps	25	4:45.63 Emily S Parker	34	■ 100 M. BREASTSTROKE		6:31.57 Morena I Calvo	32
1:12.96 Lauren Turner	27	4:48.13 Lindsay Gaudinier	30	1:13.29 KATIE MCCLELLAND	08	6:35.92 Charley C Young	32
1:13.01 C Raininger	29	4:53.74 Sara E Holman	33	1:15.57 C Iovanovich	30		
1:13.74 Sadie Fieni	29	4:54.10 A Binder Brown	34	1:19.10 Alicia Hale	31		
■ 200 M. BUTTERFLY		5:00.37 Mary E Holman	33	1:19.15 Sharon C Taylor	34		
2:10.83 HANNAH SAIZ	17	5:04.01 Mallory E Watson	33	1:21.16 Jamie L Marks	31	■ 50 M. FREESTYLE	
2:47.52 Sadie Fieni	29	5:13.31 Lauren Frendreis	30	1:22.56 Stefanie Capizzi	32	25.52 ERIKA ERNDL	13
2:49.51 C Fittipaldi	26	5:17.74 Rachel Traylor	30	1:22.97 Lauren Frendreis	30	28.57 Lindsey Urbatchka	36
3:02.13 Kyra Adamson	27	■ 800 M. FREESTYLE		1:24.14 Mariela Guerra	30	28.79 Kelly M Harrigan	35
3:04.25 Mary Gardner	28	8:46.22 DAWN HECKMAN	10	1:24.71 Morena I Calvo	32	28.95 Alexis L Higlett	36
3:05.61 Haley Ramsey	25	9:55.15 Emily S Parker	34	1:25.51 Amanda Janszen	32	28.98 Mollie K Grover	38
3:11.76 Lauren Turner	27	9:59.80 Lindsay Gaudinier	30	1:29.91 Kristina Petrakis	30	29.09 Britta O'Leary	35
■ 200 M. INDIVIDUAL MEDLEY		10:08.85 Sara E Holman	33	■ 200 M. BREASTSTROKE		29.25 Kathy G Chung	38
2:14.03 JUSTINE MUELLER	13	10:26.59 Mary E Holman	33	2:38.90 MARISSA CLAPP	17	29.43 Darlene Krohn	38
2:23.39 Rachel A Ripley	28	10:50.14 Rachel Traylor	30	2:46.59 C Iovanovich	30	29.75 Patty Martinez	39
2:26.53 Kaitlyn Jones	25	10:56.77 Cara Manlandro	30	2:55.01 Sharon C Taylor	34	29.75 Katie Martin	36
2:31.59 Courtney Randolph	28	11:00.97 Marlana L Tonelli	31	2:56.98 Jamie L Marks	31	29.91 Elizabeth Nymeyer	37
2:33.73 Jill C Jones	27	11:19.66 Megan M Tosh	34	3:01.80 Stefanie Capizzi	32	■ 100 M. FREESTYLE	
2:39.04 Michelle K Duraj	27	11:33.22 Laura C Rose	33	3:12.08 Mariela Guerra	30	55.17 ERIKA ERNDL	13
2:39.87 Carleigh L Kutac	29	11:35.84 Stefanie Capizzi	32	3:12.24 Morena I Calvo	32	59.55 Kelly M Harrigan	35
2:40.13 C Raininger	29	■ 1500 M. FREESTYLE		3:15.75 Ashleigh R Gaulke	33	1:02.39 Mollie K Grover	38
2:41.06 Anette A Skoda	28	17:07.54 DAWN HECKMAN	10	3:20.58 Krysten N Call	33	1:02.98 Alexis L Higlett	36
2:42.20 Jessica Cutler	27	18:39.12 Emily S Parker	34	3:22.15 Marlana L Tonelli	31	1:03.90 Lindsey Urbatchka	36
2:46.24 Olivia Alva	28	19:09.08 Sara E Holman	33	3:22.49 Heather Bixby	32	1:04.86 Darlene Krohn	38
■ 400 M. INDIVIDUAL MEDLEY		20:27.83 Mary E Holman	33	■ 50 M. BUTTERFLY		1:05.23 Laura A Lawrence	39
5:06.34 SARA SHAND	89	20:44.80 Christine Polito	34	27.48 MARTINA MORAVCOVA	08	1:05.94 Katie Martin	36
5:08.34 Rachel A Ripley	28	20:52.47 Marlana L Tonelli	31	29.54 Lauren Frendreis	30	1:05.98 Kathy G Chung	38
5:23.01 Courtney Randolph	28	21:10.86 Hannah L Meyer	32	29.89 C Iovanovich	30	1:07.24 Christine Haslem	38
5:38.00 C Raininger	29	21:35.09 Stefanie Capizzi	32	31.19 Andrea Uzcategui	30	1:07.43 Irish Holland	39
5:49.50 Anna Sharpe	27	21:38.99 K Pelczynski	34	31.40 A Binder Brown	34	■ 200 M. FREESTYLE	
5:50.61 Gwen Mathias	26	21:39.02 Megan M Tosh	34	31.46 Karen G Reynolds	33	2:00.04 ERIKA ERNDL	13
5:52.97 C Fittipaldi	26	21:44.37 Caroline M Egan	34	31.49 Alisha M Rembach	31	2:12.75 Kelly M Harrigan	35
6:00.62 Kyra Adamson	27	■ 50 M. BACKSTROKE		31.56 Alicia Hale	31	2:20.77 Alexis L Higlett	36
6:01.84 Jennifer L Mohn	28	28.57 NORIKO INADA	12	31.56 Meghan Donahue	30	2:21.89 Melinda Williams	38
6:02.56 Christine Chu	26	32.63 Meghan Donahue	30	31.85 Karen Younkings	33	2:22.89 Laura A Lawrence	39
6:05.28 Sabrina Maisel	29	33.42 Karen Younkings	33	32.30 Julie C Kamat	32	2:23.39 Irish Holland	39
		33.53 Mallory E Watson	33	■ 100 M. BUTTERFLY		2:25.39 E Vucinich	39
		33.88 J Schauwecker	30	58.81 MARTINA MORAVCOVA	08	2:25.77 Heather M Frees	36
		34.55 Joan M Scaparra	32	1:05.40 Amanda Janszen	32	2:26.12 Kathy G Chung	38
		34.70 A Binder Brown	34	1:08.10 Lauren Frendreis	30	2:26.44 Christine Haslem	38
		34.75 Emily S Parker	34	1:08.50 Alicia Hale	31	2:26.54 Allison L Cox	35
		35.10 Lauren Bortnowski	33	1:10.84 Jamie L Marks	31	■ 400 M. FREESTYLE	
		35.31 D McDonough	31	1:13.35 A Binder Brown	34	4:16.19 DAWN HECKMAN	12
		35.69 Margaret R Greer	31	1:14.60 Emily S Parker	34	4:48.73 Brooke Bennett	39

WOMEN 30-34

■ 50 M. FREESTYLE							
25.57 ERIKA ERNDL	09						
26.97 Kelley Conrad	30						
27.60 Lauren Frendreis	30						

4:52.53 Alexis L Higlett	36	42.34 Katie Knoepfel	39	6:16.44 Marcela Rueda	37	■ 50 M. BACKSTROKE	
4:54.95 Kelly M Harrigan	35	■ 100 M. BREASTSTROKE		6:17.11 Kelly A Darlak	39	29.62 NORIKO INADA	18
4:59.59 Irish Holland	39	1:12.30 CYNTHIA LEWIS	12	6:21.66 Erin C McPeak	39	34.01 Brooke J Green	40
5:00.32 Allison L Cox	35	1:16.14 Britta O'Leary	35	6:24.54 Helene Nehrebecki	39	34.52 Kari Yocum	42
5:04.76 Heather M Frees	36	1:22.45 Kendra E Wilson	38	6:25.91 Colleen Moon	39	34.61 L Quattropiani	40
5:10.35 Heidi M Cough	38	1:24.08 Jennifer Johnson	36			34.98 Ulrike C Pinger	44
5:12.46 Laura A Lawrence	39	1:25.27 Nicole M Smith	37			36.25 Ericka L Richards	41
5:14.65 Shelley Hirsekorn	39	1:25.50 Marcela Rueda	37			36.49 Karen M Stump	41
5:16.02 Kelly A Darlak	39	1:25.53 Irish Holland	39			36.52 Erin C Moro	41
■ 800 M. FREESTYLE		1:25.79 Evangeline Gekos	36			36.93 Angela Grillo	41
8:47.28 DAWN HECKMAN	12	1:26.28 Helene Nehrebecki	39			37.24 Kelly Lewis	41
10:04.12 Melinda Williams	38	1:27.80 Clare E Hine	37			38.72 Jennifer Leader	41
10:10.33 Alexis L Higlett	36	1:31.06 Sarah M Chinn	35			■ 100 M. BACKSTROKE	
10:16.11 Kelly M Harrigan	35	■ 200 M. BREASTSTROKE				1:04.70 NORIKO INADA	18
10:19.29 Allison L Cox	35	2:39.78 KATIE GLENN	13			1:14.72 Kari Yocum	42
10:32.77 Laura A Lawrence	39	2:45.87 Britta O'Leary	35			1:15.60 Brooke J Green	40
10:38.17 Heather M Frees	36	3:01.08 Kendra E Wilson	38			1:16.34 Bizzy Vega	41
11:00.13 Katie Martin	36	3:03.74 Jennifer Johnson	36			1:16.52 L Quattropiani	40
11:01.52 Lisa M Ross	36	3:07.35 Irish Holland	39			1:20.92 Erin C Moro	41
11:06.56 Heidi M Cough	38	3:09.48 Evangeline Gekos	36			1:22.00 Alicia K Uhl	42
11:22.80 Helene Nehrebecki	39	3:09.61 Marcela Rueda	37			1:22.56 Jennifer Carlson	40
■ 1500 M. FREESTYLE		3:12.06 Nicole M Smith	37			1:23.87 Kelly M Miller	41
17:17.22 HEIDI GEORGE	15	3:22.36 Kelly A Darlak	39			1:24.06 Kathryn Brodtkin	41
19:27.89 Kelly M Harrigan	35	3:22.47 Helene Nehrebecki	39			1:24.46 Mary T Colby	41
19:31.99 Alexis L Higlett	36	3:23.83 Amy M Flessert	35			■ 200 M. BACKSTROKE	
20:03.06 Laura A Lawrence	39	■ 50 M. BUTTERFLY				2:23.18 JODY SMITH	09
20:11.85 Heather M Frees	36	27.46 NORIKO INADA	14			2:41.64 Jane M Kelsey	44
20:48.60 Heidi M Cough	38	30.15 Lindsey Urbatchka	36			2:42.09 Jennifer H Gross	42
20:54.46 K Fancher-Miller	36	30.74 Kelly M Harrigan	35			2:42.50 Kari Yocum	42
21:49.78 Helene Nehrebecki	39	30.92 E Vucinich	39			2:52.99 Brooke J Green	40
21:55.23 Marcela Rueda	37	31.18 Brooke Bennett	39			2:55.62 L Quattropiani	40
24:03.19 Alaina Taylor	37	31.60 Kathy G Chung	38			2:59.41 Jennifer Carlson	40
24:06.77 Jen Inboden	39	31.67 Irish Holland	39			3:01.32 Krista F Belanger	43
■ 50 M. BACKSTROKE		32.19 Mollie K Grover	38			3:04.77 Mary T Colby	41
28.63 NORIKO INADA	16	32.39 Christine Haslem	38			3:05.31 Jennifer Leader	41
31.50 Kelly M Harrigan	35	32.67 Shelley Hirsekorn	39			3:10.96 Stephanie Ballou	44
33.80 Lindsey Urbatchka	36	33.02 Evangeline Gekos	36			■ 50 M. BREASTSTROKE	
34.54 Mollie K Grover	38	■ 100 M. BUTTERFLY				32.47 KATIE GLENN	16
34.57 E Vucinich	39	59.52 ERIKA ERNDL	13			33.74 Katie Glenn	43
36.04 Kendra E Wilson	38	1:06.11 Kelly M Harrigan	35			35.72 Casey M Keiber	42
36.16 Christina M Toth	39	1:09.75 Lindsey Urbatchka	36			38.29 Ran Ogata	42
36.57 Kristin Strong	39	1:12.56 Irish Holland	39			38.85 Susie S Casero	41
36.83 Jordan Teller	36	1:12.80 Shelley Hirsekorn	39			39.43 Erin C Moro	41
37.35 Michele R Supance	35	1:12.95 Christine Haslem	38			39.54 Heather N Lingner	43
37.73 Paige D Newhouse	39	1:13.21 Katie Martin	36			40.34 Holly Lickwala	43
■ 100 M. BACKSTROKE		1:14.25 Heather M Frees	36			40.51 Ericka L Richards	41
1:01.75 NORIKO INADA	17	1:14.55 Laura A Lawrence	39			40.65 Sharon C Otsuki	43
1:06.34 Kelly M Harrigan	35	1:15.68 Darlene Krohn	38			40.72 Kathleen Sandner	42
1:12.61 Mollie K Grover	38	1:15.75 Evangeline Gekos	36			■ 100 M. BREASTSTROKE	
1:16.40 Irish Holland	39	■ 200 M. BUTTERFLY				1:12.12 S VON DER LIPPE	08
1:18.81 Alexis L Higlett	36	2:20.21 K PIPES-NEILSEN	97			1:13.72 Katie Glenn	43
1:21.19 Megan Greer	39	2:46.11 Erin C McPeak	39			1:15.96 Cynthia J Lewis	44
1:21.42 Jordan Teller	36	2:46.33 Irish Holland	39			1:22.30 Casey M Keiber	42
1:22.25 Christina M Toth	39	2:46.86 Heather M Frees	36			1:22.81 Ran Ogata	42
1:24.10 Michele R Supance	35	2:59.54 Helene Nehrebecki	39			1:25.46 Karen M Stump	41
1:24.59 Heather M Frees	36	3:07.92 Jenny Wolf	37			1:26.13 Susie S Casero	41
1:26.30 Stella A Paz	35	3:23.94 Colleen Moon	39			1:26.79 Erin C Moro	41
■ 200 M. BACKSTROKE		3:31.43 Kathleen J Stutz	37			1:28.70 Alicia K Uhl	42
2:18.20 K PIPES-NEILSEN	97	3:39.47 Lindsay A Fuller	35			1:29.24 Mary T Hollister	40
2:22.85 Kelly M Harrigan	35	3:40.19 Veronica Dockery	37			1:29.51 Holly Lickwala	43
2:37.86 Mollie K Grover	38	4:02.69 Lauren Van Allen	39			■ 200 M. BREASTSTROKE	
2:42.65 Melinda Williams	38	■ 200 M. INDIVIDUAL MEDLEY				2:38.44 S VON DER LIPPE	06
2:45.01 Irish Holland	39	2:22.42 K PIPES-NEILSEN	97			2:44.77 Katie Glenn	43
2:51.78 Laura A Lawrence	39	2:28.46 Britta O'Leary	35			2:47.78 Cynthia J Lewis	44
2:54.27 Christina M Toth	39	2:39.31 Irish Holland	39			3:02.80 Ran Ogata	42
2:58.69 Mary Christie	36	2:44.17 Katie Martin	36			3:06.38 Erin C Moro	41
2:58.89 Kathy G Chung	38	2:44.82 Laura A Lawrence	39			3:06.75 Casey M Keiber	42
3:00.00 Marcela Rueda	37	2:45.60 Kendra E Wilson	38			3:09.50 Jennifer H Gross	42
3:00.10 Michele R Supance	35	2:52.17 Heather M Frees	36			3:11.61 Mary T Hollister	40
■ 50 M. BREASTSTROKE		2:54.19 Christina M Toth	39			3:12.48 Sonja Skinner	43
32.86 KATIE GLENN	13	2:54.53 Laura Hendrickson	35			3:20.90 Holly Lickwala	43
36.88 Kendra E Wilson	38	2:56.26 Lauren Schudde	36			3:20.91 Rebecca A Aten	43
37.07 Jeanie Joseph	36	2:57.79 Melinda Williams	38			■ 50 M. BUTTERFLY	
37.53 Britta O'Leary	35	■ 400 M. INDIVIDUAL MEDLEY				28.36 ERIKA BRAUN	13
37.63 Evangeline Gekos	36	5:02.67 K PIPES-NEILSEN	98			30.05 Cindy Bertelink	44
38.28 Nicole M Smith	37	5:35.57 Irish Holland	39			30.48 Cynthia J Lewis	44
38.98 Helene Nehrebecki	39	5:40.16 Melinda Williams	38			30.62 Erin C Moro	41
39.79 Jennifer Johnson	36	5:44.60 Laura A Lawrence	39			32.48 Ildiko Szekely	40
40.05 Marcela Rueda	37	5:55.65 Katie Martin	36			32.84 Jennifer Stringer	43
40.96 Mollie K Grover	38	5:57.81 Heather M Frees	36			32.99 Jamie Zazella	43

33.20 Alicia K Uhl	42	2:22.74 Nadine K Day	49	■ 50 M. BREASTSTROKE		2:50.34 R Pescatori	48
33.35 Ran Ogata	42	2:23.06 Stacey L Bruce	45	33.66 S VON DER LIPPE	10	2:51.12 Stacey A Bennett	49
33.54 Ericka L Richards	41	2:25.83 Kerry Lindauer	45	36.26 Kerry Lindauer	45	2:54.51 Lisa Souders	45
34.08 Julie A Peterson	44	2:30.23 Stacey A Bennett	49	36.77 S Conдор-Fisher	47	2:54.68 Susanne P Rublein	49
■ 100 M. BUTTERFLY		2:30.97 Malena B Hankins	46	36.84 Sara Dunn	47	■ 400 M. INDIVIDUAL MEDLEY	
1:02.47 S VON DER LIPPE	08	2:31.44 Ana Fradkin	46	38.04 Erika L Braun	47	5:13.85 K PIPES-NEILSEN	08
1:05.85 Ildiko Szekely	40	2:33.56 T Koppelberger	47	38.57 Linda Visser	49	5:32.73 Alison H Zamanian	49
1:08.11 Cindy Bertelink	44	2:34.56 Lisa Souders	45	39.46 R Pescatori	48	5:47.70 Linda Visser	49
1:08.63 Erin C Moro	41	■ 400 M. FREESTYLE		39.71 Nancy L Leichter	48	5:51.58 Nadine K Day	49
1:09.26 Cynthia J Lewis	44	4:35.84 K PIPES-NEILSEN	08	39.82 Susanne P Rublein	49	5:54.27 Stacey L Bruce	45
1:11.79 Sonja Skinner	43	4:45.45 Alison H Zamanian	49	40.47 Marci Shindel	45	5:57.83 C Mcclafferty	46
1:13.68 Karen M Stump	41	5:04.66 Stacey L Bruce	45	40.79 Nadine K Day	49	6:00.08 Laura M Ruberto	49
1:14.92 Meghan Ullholm	40	5:14.42 Ann K Stewart	49	■ 100 M. BREASTSTROKE		6:24.43 Renee M Wilcox	48
1:15.20 Heather B Congdon	41	5:17.64 Leslie B Monroe	45	1:14.41 S VON DER LIPPE	10	6:25.42 Susanne P Rublein	49
1:17.05 Alicia K Uhl	42	5:20.64 T Koppelberger	47	1:19.72 Sara Dunn	47	6:25.73 Lisa Souders	45
1:17.36 Ulrike C Pinger	44	5:24.28 Linda Visser	49	1:23.22 S Conдор-Fisher	47	6:25.89 Julie F Dussliere	47
■ 200 M. BUTTERFLY		5:30.27 Paula M Texel	49	1:23.28 Linda Visser	49		
2:24.77 K PIPES-NEILSEN	03	5:32.74 Julie F Dussliere	47	1:23.95 R Pescatori	48		
2:25.36 Ildiko Szekely	40	5:34.81 J McEachern	45	1:24.13 Kerry Lindauer	45		
2:36.75 Erin C Moro	41	5:35.01 Malena B Hankins	46	1:25.75 Stacey L Bruce	45		
2:54.36 Heather B Congdon	41	■ 800 M. FREESTYLE		1:27.15 Susanne P Rublein	49	■ 50 M. FREESTYLE	
3:16.61 M Belluomini	42	9:24.11 K PIPES-NEILSEN	07	1:27.35 Nadine K Day	49	28.17 FALL WILLEBOORDSE	16
3:28.52 Kristina Maroudis	44	9:39.96 Alison H Zamanian	49	1:27.83 C Mcclafferty	46	28.83 Fall Willeboordse	53
5:12.68 Natalia Vaganova	44	10:03.93 L Zeiger Dodd	47	1:28.33 Sandra L Sipe	45	29.22 Diane Gould	51
■ 200 M. INDIVIDUAL MEDLEY		10:14.36 Stacey L Bruce	45	■ 200 M. BREASTSTROKE		29.47 Karina Plocek	50
2:25.03 S VON DER LIPPE	07	10:37.93 Malena B Hankins	46	2:45.20 CAROLINE KRATTLI	07	29.59 Rosie H Sheppard	50
2:31.37 Cynthia J Lewis	44	10:45.01 Leslie B Monroe	45	2:56.05 Linda Visser	49	29.87 Melissa Going	50
2:41.21 Erin C Moro	41	10:52.13 Linda Visser	49	2:59.33 Sara Dunn	47	30.32 Susan O Williams	53
2:41.96 Jennifer H Gross	42	11:16.83 Paula M Texel	49	3:00.47 R Pescatori	48	30.49 Jamie W Wilson	53
2:42.90 Katie Grier	41	11:22.16 Julie F Dussliere	47	3:06.46 Stacey L Bruce	45	30.74 Jill E Gellatly	52
2:43.15 Angela Grillo	41	11:24.61 Stephanie Denison	49	3:06.94 Nadine K Day	49	31.63 B Karas-Foltz	54
2:46.17 Bizzy Vega	41	11:27.93 Amy B Wells	47	3:11.01 C Mcclafferty	46	31.70 Beata M Konopka	50
2:53.08 Eve G Maidenber	43	■ 1500 M. FREESTYLE		3:19.45 Carrie A Ohm	46	31.70 Chris A McPherson	52
2:54.06 Meghan Ullholm	40	17:55.83 S HEIM-BOWEN	03	3:21.72 Anca Zetea	48	■ 100 M. FREESTYLE	
2:55.39 Jennifer Stringer	43	18:27.15 Alison H Zamanian	49	3:22.39 Heidi G Khalil	48	1:01.13 LAURA VAL	01
2:55.86 Ulrike C Pinger	44	19:10.27 Stacey L Bruce	45	3:23.34 Erin C Framke	46	1:02.83 Diane Gould	51
■ 400 M. INDIVIDUAL MEDLEY		20:25.69 Leslie B Monroe	45	■ 50 M. BUTTERFLY		1:02.99 Fall Willeboordse	53
5:09.83 K PIPES-NEILSEN	04	21:21.30 Julie F Dussliere	47	28.40 ERIKA BRAUN	17	1:04.32 Rosie H Sheppard	50
5:57.66 Jennifer H Gross	42	21:52.47 Paula M Texel	49	29.46 Erika L Braun	47	1:05.22 Stephanie Stone	52
6:04.37 Alicia K Uhl	42	21:52.50 Stephanie Denison	49	30.75 Kerry Lindauer	45	1:05.49 Jill E Gellatly	52
6:12.34 Meghan Ullholm	40	21:59.06 Amy B Wells	47	31.62 C Mcclafferty	46	1:06.04 Kristin J Gary	52
6:17.17 Kelly M Miller	41	22:12.10 Alison Moore	49	31.87 Melissa D Varlas	46	1:06.17 L Daland-James	50
6:23.59 Tamara L Houston	43	22:39.08 Alison M Meadow	46	32.20 S Conдор-Fisher	47	1:06.87 Jamie W Wilson	53
6:45.39 Tatiana B Barbosa	40	23:21.96 Amy Koepp	45	32.23 Stacey A Bennett	49	1:07.68 Jennifer Ridge	51
6:45.84 Kristina Maroudis	44	■ 50 M. BACKSTROKE		32.62 Ana Fradkin	46	1:08.50 B Karas-Foltz	54
6:57.33 M Belluomini	42	31.71 JENKINS REYNOLDS	12	32.63 Alison H Zamanian	49	■ 200 M. FREESTYLE	
7:02.98 Elizabeth A Flynn	40	32.95 Erika L Braun	47	32.77 Nadine K Day	49	2:13.18 JILL HERNANDEZ	13
7:23.70 E Lewis-Pinnell	44	33.78 Kerry Lindauer	45	33.14 Linda Visser	49	2:14.66 Diane Gould	51
		34.93 Ann K Stewart	49	■ 100 M. BUTTERFLY		2:20.15 Jill E Gellatly	52
		35.29 Paula M Texel	49	1:04.96 WENKE SEIDER	14	2:23.84 Stephanie Stone	52
		35.53 Melissa D Varlas	46	1:08.62 Erika L Braun	47	2:28.13 Jennifer Ridge	51
		35.94 Linda Visser	49	1:11.37 Alison H Zamanian	49	2:29.20 Jane A Hoag	53
		36.22 Ana Fradkin	46	1:11.61 C Mcclafferty	46	2:31.00 Jasmine Stiles	53
		36.59 Lisa Souders	45	1:11.99 Melissa D Varlas	46	2:32.34 Juliet E Cox	51
		36.97 Alexandra Nieto	47	1:12.75 Nadine K Day	49	2:32.58 Lynn Salazar	53
		37.18 Elizabeth Olsheim	46	1:13.53 Stacey A Bennett	49	2:32.97 Kim A Hurst	50
		■ 100 M. BACKSTROKE		1:14.38 Linda Visser	49	2:33.12 Victoria L Rian	53
		1:08.11 K PIPES-NEILSEN	09	1:16.37 Ana Fradkin	46	■ 400 M. FREESTYLE	
		1:11.37 Kerry Lindauer	45	1:20.69 Leslie B Monroe	45	4:40.66 JILL HERNANDEZ	13
		1:13.06 Erika L Braun	47	1:27.46 Y de la Torre	49	4:44.54 Diane Gould	51
		1:14.32 Ann K Stewart	49	■ 200 M. BUTTERFLY		4:49.13 Jill E Gellatly	52
		1:18.06 Paula M Texel	49	2:24.34 K PIPES-NEILSEN	09	5:02.44 Jane A Hoag	53
		1:18.96 Nadine K Day	49	2:31.87 Alison H Zamanian	49	5:11.73 Victoria L Rian	53
		1:20.34 Stacey L Bruce	45	2:41.21 C Mcclafferty	46	5:18.14 Jasmine Stiles	53
		1:20.49 Lisa Souders	45	2:48.39 Linda Visser	49	5:18.52 R Friedlander	53
		1:21.06 Linda Visser	49	2:49.69 Stacey A Bennett	49	5:21.00 Kim A Hurst	50
		1:21.36 Alexandra Nieto	47	2:51.67 Leslie B Monroe	45	5:23.86 Laurie Hug	54
		1:23.77 Tama Traudt	46	2:53.41 Melissa D Varlas	46	5:23.94 Lynn Salazar	53
		■ 200 M. BACKSTROKE		2:53.51 Nadine K Day	49	5:24.35 Susie Shuck	54
		2:26.06 K PIPES-NEILSEN	09	3:16.48 Erin C Framke	46	■ 800 M. FREESTYLE	
		2:44.80 Ann K Stewart	49	3:49.86 Heather M Melrose	46	9:34.12 SUSAN PRESTON	16
		2:49.27 Melissa D Varlas	46	3:50.36 Ally Segal	46	10:03.33 Jill E Gellatly	52
		2:49.72 Linda Visser	49	■ 200 M. INDIVIDUAL MEDLEY		10:10.17 Jane A Hoag	53
		2:50.10 Paula M Texel	49	2:27.57 K PIPES-NEILSEN	08	10:38.17 Victoria L Rian	53
		2:51.88 Lisa Souders	45	2:41.09 Stacey L Bruce	45	10:47.20 R Friedlander	53
		3:00.77 Julie F Dussliere	47	2:42.16 Linda Visser	49	10:51.44 Laurie Hug	54
		3:01.26 Stephanie Kramer	45	2:42.48 Kerry Lindauer	45	10:56.30 Juliet E Cox	51
		3:01.41 Erin C Framke	46	2:42.68 Nadine K Day	49	11:05.33 Natasha Reiss	50
		3:01.50 Stephanie Denison	49	2:46.03 C Mcclafferty	46	11:31.27 J Weiderman	53
		3:01.99 Tama Traudt	46	2:49.08 Alexandra Nieto	47	11:44.94 Sara H Jones	51
						11:46.85 Dale A LeClair	50

■ 1500 M. FREESTYLE		3:18.73 Sonya McGinnis	53	■ 100 M. FREESTYLE		1:20.92 Brigid J Bunch	56
18:32.76 S HEIM-BOWEN	08	3:18.92 Livia L Zien	53	1:02.02 VAL \ VAL	07	1:22.25 S Prey-Luedtke	55
19:00.94 Jill E Gellatly	52	3:19.61 Jill E Gellatly	52	1:02.98 Holly Green Blair	56	1:22.39 Mary W Pletch	56
19:16.88 Jane A Hoag	53	3:23.05 Anna Marie Forest	50	1:03.11 Ellen M Reynolds	55	1:23.00 Patricia Campbell	55
20:03.51 Victoria L Rian	53	■ 50 M. BUTTERFLY		1:05.70 Becky Cleavenger	56	■ 200 M. BACKSTROKE	
20:15.49 R Friedlander	53	29.82 SUSAN WILLIAMS	16	1:05.72 Arlette A Godges	55	2:31.79 ELLEN REYNOLDS	19
20:25.90 Laurie Hug	54	30.82 Rosie H Sheppard	50	1:06.74 Valerie G Jenkins	56	2:31.79 Ellen M Reynolds	55
21:41.08 J Weiderman	53	30.87 Susan O Williams	53	1:07.30 Carola P Khouri	57	2:54.00 Maria E Hung	59
22:00.11 Sara H Jones	51	31.08 Fall Willeboordse	53	1:07.39 Sarah E Quick	55	2:54.63 Ellie S Najjar	58
22:04.64 Dale A LeClair	50	31.53 Karina Plocek	50	1:08.24 Janet Goodridge	57	2:54.97 Monica M Bailey	58
22:35.01 Deanna C Koehler	50	33.07 Diane Gould	51	1:08.26 Corrin C Buck	55	2:55.55 Stephanie A Saucy	56
22:43.47 Danielle Boone	54	33.31 Chris A McPherson	52	1:08.32 Katie Osborne	56	2:56.35 Jelena A Kunovac	55
■ 50 M. BACKSTROKE		33.43 Jennifer Ridge	51	■ 200 M. FREESTYLE		2:56.59 S Prey-Luedtke	55
32.41 LESLIE LIVINGSTON	13	33.54 Karen L Westerman	52	2:16.28 VAL \ REYNOLDS	19	2:57.11 Patricia Campbell	55
33.30 Kristin J Gary	52	34.39 C Shinnick	50	2:16.28 Ellen M Reynolds	55	2:58.61 Kim M Brightwell	59
33.61 Susan O Williams	53	34.60 Laurel S Hill	50	2:24.57 Becky Cleavenger	56	2:59.12 Brigid J Bunch	56
33.99 Diane Gould	51	■ 100 M. BUTTERFLY		2:25.08 Sarah E Quick	55	■ 50 M. BREASTSTROKE	
34.98 Jane A Hoag	53	1:07.80 JILL HERNANDEZ	11	2:26.91 Patricia Campbell	55	37.13 CAROLINE KRATTLI	17
35.15 Michele N Merritt	50	1:09.92 Rosie H Sheppard	50	2:27.84 Kim O'Grady	58	37.40 Terri MacDougall	55
35.75 Rosie H Sheppard	50	1:11.80 Fall Willeboordse	53	2:27.89 Valerie G Jenkins	56	38.40 Corrin C Buck	55
36.05 Beata M Konopka	50	1:12.24 Kristin J Gary	52	2:28.21 L Irish Bostic	56	38.49 Robin C Tracy	55
36.15 Stephanie Stone	52	1:18.09 Susie Shuck	54	2:29.66 Maria L Elias	55	38.91 Caroline Krattli	57
36.39 Jill E Gellatly	52	1:18.19 Jane A Hoag	53	2:31.20 Mary G Dore	56	39.94 Heather Shannon	58
36.63 Francie Haffner	52	1:19.28 Karen L Westerman	52	2:32.08 Janet Goodridge	57	40.33 Arlette A Godges	55
■ 100 M. BACKSTROKE		1:19.38 R Friedlander	53	■ 400 M. FREESTYLE		41.00 Carolyn B Moore	58
1:09.28 ELLEN REYNOLDS	14	1:20.85 Karina Plocek	50	4:46.49 ELLEN REYNOLDS	19	41.58 Lisa M Simpson	55
1:11.23 Kristin J Gary	52	1:20.93 Jill E Gellatly	52	4:46.49 Ellen M Reynolds	55	41.59 Jelena A Kunovac	55
1:12.59 Diane Gould	51	1:23.16 Cheryl A Morgen	50	5:01.16 Patricia Campbell	55	41.61 C Frederic	55
1:13.41 Stephanie Stone	52	■ 200 M. BUTTERFLY		5:07.19 Kim O'Grady	58	■ 100 M. BREASTSTROKE	
1:14.46 Jane A Hoag	53	2:31.55 LAURA VAL	01	5:12.51 Valerie G Jenkins	56	1:21.21 CAROLINE KRATTLI	17
1:17.20 Jill E Gellatly	52	2:49.63 R Friedlander	53	5:13.70 M Countryman	55	1:25.28 Terri MacDougall	55
1:17.53 Jennifer Ridge	51	2:53.53 Susie Shuck	54	5:13.95 Ellie S Najjar	58	1:25.68 Corrin C Buck	55
1:20.36 Maria E Vazquez	54	2:59.79 Laurie Hug	54	5:14.55 Maria L Elias	55	1:29.98 Robin C Tracy	55
1:20.39 Chris A McPherson	52	3:07.72 Vicki Shu	51	5:19.48 Becky Cleavenger	56	1:31.11 Patty Sweetall	59
1:20.47 Karen L Westerman	52	3:09.95 Karen L Westerman	52	5:20.23 Janet Goodridge	57	1:31.61 Carolyn B Moore	58
1:22.11 Brenda E Shaw	52	3:16.98 J Weiderman	53	5:21.34 Mary G Dore	56	1:32.35 Jelena A Kunovac	55
■ 200 M. BACKSTROKE		3:30.00 Karen A Feld	52	■ 800 M. FREESTYLE		1:32.83 Arlette A Godges	55
2:26.64 ELLEN REYNOLDS	14	3:30.71 Robin A Bulman	54	9:46.56 JILL HERNANDEZ	15	1:33.34 Rebecca B Kalibat	56
2:34.13 Kristin J Gary	52	3:31.96 Carol L Prescott	50	9:57.40 Ellen M Reynolds	55	1:33.74 Susan Dawson-Cook	56
2:35.87 Stephanie Stone	52	3:37.15 Daphne R Elliott	51	10:28.08 Patricia Campbell	55	1:33.84 C Frederic	55
2:41.08 Jane A Hoag	53	■ 200 M. INDIVIDUAL MEDLEY		10:31.37 M Countryman	55	■ 200 M. BREASTSTROKE	
2:41.89 Jill E Gellatly	52	2:31.02 ELLEN REYNOLDS	16	10:34.10 Kim O'Grady	58	2:59.27 ELLEN REYNOLDS	19
2:42.78 Laurel S Hill	50	2:40.79 Jill E Gellatly	52	10:38.59 Maria L Elias	55	2:59.27 Ellen M Reynolds	55
2:51.64 Maria E Vazquez	54	2:41.06 Laurel S Hill	50	10:38.92 H Vaughn Edmonds	57	3:08.16 Corrin C Buck	55
2:52.60 Karen L Westerman	52	2:46.52 Jennifer Ridge	51	10:39.25 Ellie S Najjar	58	3:12.87 Terri MacDougall	55
2:54.64 Francie Haffner	52	2:51.00 Susie Shuck	54	11:02.29 L Irish Bostic	56	3:13.77 Patty Sweetall	59
2:54.66 Gillian G Salton	51	2:54.09 Laurie Hug	54	11:12.42 Janet Goodridge	57	3:21.48 Kathryn Froehlich	57
2:55.63 Susie Shuck	54	2:55.12 Cheryl A Simmons	52	11:18.54 Suzanne M Noble	57	3:22.04 Robin C Tracy	55
■ 50 M. BREASTSTROKE		2:56.09 Deena Esparza	54	■ 1500 M. FREESTYLE		3:22.42 C Frederic	55
36.94 LAUREL HILL	19	2:56.34 Karen L Westerman	52	18:36.30 ELLEN REYNOLDS	19	3:24.51 Carolyn B Moore	58
36.94 Laurel S Hill	50	2:57.25 Sonya McGinnis	53	18:36.30 Ellen M Reynolds	55	3:24.54 Lucille Glassman	56
39.21 Karina Plocek	50	2:57.69 Maria E Vazquez	54	19:49.53 M Countryman	55	3:24.88 Rebecca B Kalibat	56
39.23 Rosie H Sheppard	50	■ 400 M. INDIVIDUAL MEDLEY		20:05.05 Maria L Elias	55	■ 50 M. BUTTERFLY	
39.29 Melissa Going	50	5:20.68 ELLEN REYNOLDS	14	20:10.55 Ellie S Najjar	58	30.52 LESLIE LIVINGSTON	16
39.65 Mary C Armstrong	52	5:40.79 Jane A Hoag	53	20:49.44 Sarah E Quick	55	30.94 Holly Green Blair	56
40.37 Deena Esparza	54	5:45.53 Jill E Gellatly	52	20:59.89 Mary G Dore	56	32.13 Arlette A Godges	55
40.98 Cheryl A Simmons	52	6:01.50 Susie Shuck	54	21:01.75 Anna DeLozier	56	32.68 Ellen M Reynolds	55
41.26 Anna Marie Forest	50	6:08.24 Cheryl A Simmons	52	21:07.36 Suzanne M Noble	57	33.05 Katie Osborne	56
41.38 J Weiderman	53	6:10.20 Sara H Jones	51	21:12.26 Cindy Ciampa-Wise	59	33.46 Andrea J Block	58
41.44 Jamie W Wilson	53	6:18.18 Emma Garforth	51	21:13.39 Janet Goodridge	57	33.54 Arlene Delmage	57
■ 100 M. BREASTSTROKE		6:19.15 Sonya McGinnis	53	■ 50 M. BACKSTROKE		33.79 Becky Cleavenger	56
1:22.23 CORRIN POPPS	14	6:22.07 J Weiderman	53	31.99 HOLLY GREEN BLAIR	18	34.01 Bonnie S Rogers	56
1:22.64 Laurel S Hill	50	6:32.12 Karen L Westerman	52	32.39 Holly Green Blair	56	34.02 Sarah E Quick	55
1:26.33 Cheryl A Simmons	52	6:32.40 Vicki Shu	51	34.25 Jelena A Kunovac	55	34.11 Carola P Khouri	57
1:28.06 Melissa Going	50	WOMEN 55-59		34.74 Valerie G Jenkins	56	■ 100 M. BUTTERFLY	
1:29.72 Deena Esparza	54	■ 50 M. FREESTYLE		36.24 Monica M Bailey	58	1:09.47 LAURA VAL	09
1:29.75 Sonya McGinnis	53	28.46 HOLLY GREEN BLAIR	19	36.53 Katie Osborne	56	1:15.25 Arlene Delmage	57
1:29.86 J Weiderman	53	28.46 Holly Green Blair	56	36.62 Patricia Campbell	55	1:15.99 Andrea J Block	58
1:30.31 Jamie W Wilson	53	29.93 Becky Cleavenger	56	37.19 Kim M Brightwell	59	1:16.54 Arlette A Godges	55
1:31.18 Emma Garforth	51	30.29 Arlette A Godges	55	37.28 Caroline Krattli	57	1:17.54 Ellen M Reynolds	55
1:31.61 Livia L Zien	53	30.41 Carola P Khouri	57	37.64 Mary W Pletch	56	1:18.47 Maria E Hung	59
1:32.00 Anna Marie Forest	50	30.48 Ellen M Reynolds	55	37.65 Maria E Hung	59	1:19.64 Jutta Schickore	55
■ 200 M. BREASTSTROKE		30.55 Kristin Henderson	59	■ 100 M. BACKSTROKE		1:20.96 C Frederic	55
2:54.00 ELLEN REYNOLDS	16	30.59 Jelena A Kunovac	55	1:09.69 HOLLY GREEN BLAIR	19	1:21.67 Rebecca R Perry	55
3:02.17 Laurel S Hill	50	30.65 Valerie G Jenkins	56	1:09.69 Holly Green Blair	56	1:21.72 Katie Osborne	56
3:07.80 Jane A Hoag	53	30.97 Katie Osborne	56	1:11.06 Ellen M Reynolds	55	1:21.81 Robin C Tracy	55
3:09.32 Cheryl A Simmons	52	31.05 Janet Goodridge	57	1:15.95 Valerie G Jenkins	56	■ 200 M. BUTTERFLY	
3:13.01 Deena Esparza	54			1:16.66 Jelena A Kunovac	55	2:41.51 LAURA VAL	07
3:14.45 Emma Garforth	51			1:20.49 Victoria Davidson	55	2:49.96 Jutta Schickore	55
3:15.34 J Weiderman	53			1:20.68 Caroline Krattli	57	2:50.91 Arlene Delmage	57

2:59.80 Maria E Hung	59	5:33.76 Susan Ingraham	60	1:36.22 Dale M Alton	62	WOMEN 65-69	
3:03.41 M Countryman	55	5:36.24 Jane B del Greco	63	1:36.60 Nancy C Vincent	60		
3:09.08 Cindy Ciampa-Wise	59	5:37.42 Linda Bland	62	1:36.77 Karen L Melick	62		
3:11.89 Jane Esahak-Gage	57	■ 800 M. FREESTYLE		1:38.59 Cheri Ellington	62	■ 50 M. FREESTYLE	
3:17.50 Ellie S Najjar	58	10:27.71 LAURA VAL	11	1:40.35 Carol W Wilson	62	29.10 Penny P Noyes	19
3:18.77 Carolyn B Moore	58	10:34.37 Bonnie L Spivey	61	1:41.11 Karen R Sing	62	29.10 Penny P Noyes	65
3:18.86 Kathryn Froehlich	57	10:39.75 S Heim-Bowen	61	1:41.61 C Gettelfinger	62	29.99 Laura B Val	68
3:20.24 Betsy A Hanson	58	11:11.56 Karen L Einsidler	63	■ 200 M. BREASTSTROKE		31.20 Lynn Morrison	65
■ 200 M. INDIVIDUAL MEDLEY		11:13.94 Charlene O'Brien	63	3:08.07 LO KNAPP	14	33.04 Lo D Knapp	65
2:31.51 ELLEN REYNOLDS	19	11:17.82 Tracy L Grilli	62	3:16.38 Colette M Crabbe	63	33.50 Carole Andre	66
2:31.51 Ellen M Reynolds	55	11:27.95 Colette M Crabbe	63	3:20.45 Bonnie M Bilich	61	33.71 C McKelvey	66
2:49.26 Corrin C Buck	55	11:29.79 Linda Bland	62	3:31.50 Karen L Melick	62	34.06 Beverly B Meteyer	66
2:55.37 Becky Cleavenger	56	11:33.06 Veronica Hibben	63	3:33.96 Dale M Alton	62	34.11 Evie S Lynch	67
2:55.67 Arlene Delmage	57	11:34.29 Denise M Hearst	61	3:34.23 Barbara C Wheeler	62	34.59 Linda P Fulton	67
2:56.01 Patricia Campbell	55	11:37.20 Denise H Brown	60	3:36.56 Nancy C Vincent	60	34.86 Heather C Lambert	65
2:56.76 Stephanie A Saucy	56	■ 1500 M. FREESTYLE		3:40.15 C Gettelfinger	62	■ 100 M. FREESTYLE	
2:57.71 Maria L Elias	55	19:52.85 LAURA VAL	11	3:40.75 Carol W Wilson	62	1:04.89 LAURA VAL	18
2:59.08 Carolyn B Moore	58	19:57.23 Bonnie L Spivey	61	3:44.81 Karen R Sing	62	1:05.55 Laura B Val	68
2:59.95 M Countryman	55	20:10.84 S Heim-Bowen	61	3:50.93 Chris Wenzel	60	1:08.48 Penny P Noyes	65
3:00.64 Cindy Ciampa-Wise	59	21:27.37 Tracy L Grilli	62	■ 50 M. BUTTERFLY		1:10.22 Lynn Morrison	65
■ 400 M. INDIVIDUAL MEDLEY		21:31.76 Marguerite Meyer	60	31.11 TRACI GRANGER	19	1:12.42 Lo D Knapp	65
5:21.35 ELLEN REYNOLDS	19	21:38.90 Linda Bland	62	31.11 Traci S Granger	61	1:14.14 J Woolslayer	66
5:21.35 Ellen M Reynolds	55	21:52.46 Denise M Hearst	61	34.12 Cathy Ganze	62	1:15.60 C McKelvey	66
6:11.21 M Countryman	55	22:39.64 Elaine S Valdez	64	34.60 Veronica Hibben	63	1:15.69 Cecilia McCloskey	69
6:12.62 Ellie S Najjar	58	22:52.33 J Saul-Zachau	61	34.81 Melinda J Mann	63	1:15.90 Carole Andre	66
6:14.47 Stephanie A Saucy	56	23:06.51 Niki F Stokols	62	35.17 Charlene O'Brien	63	1:17.18 Beverly B Meteyer	66
6:15.67 Cindy Ciampa-Wise	59	23:06.79 Darcy LaFountain	64	35.65 Elaine S Valdez	64	1:18.55 Beverly O Amick	65
6:24.74 Rebecca B Kalibat	56	■ 50 M. BACKSTROKE		36.47 Susan Ingraham	60	■ 200 M. FREESTYLE	
6:25.37 Carolyn B Moore	58	33.86 LAURA VAL	15	36.49 Amy Klatzkin	63	2:25.29 LAURA VAL	16
6:36.37 Cheryl A Kupan	55	34.44 Bonnie M Bilich	61	36.64 Colette M Crabbe	63	2:32.95 Laura B Val	68
6:42.23 Nicole Vanderpoel	55	36.38 K Andrus-Hughes	62	36.64 Bonnie M Bilich	61	2:36.05 Lo D Knapp	65
6:43.20 Nancy L Whelchel	59	37.23 Cathy Ganze	62	■ 100 M. BUTTERFLY		2:39.06 Lynn Morrison	65
WOMEN 60-64		38.03 Susan Ingraham	60	1:12.06 LAURA VAL	11	2:47.65 Christie Ciraulo	66
		38.06 Kirkpatrick-Reno	64	1:13.85 Traci S Granger	61	2:53.23 Karen Bierwert	67
■ 50 M. FREESTYLE		38.54 Christine Siegel	62	1:20.30 Colette M Crabbe	63	2:54.78 Heidi J Ernst	67
29.21 PENNY NOYES	18	38.96 Colette M Crabbe	63	1:22.96 Charlene O'Brien	63	2:54.95 Linda P Fulton	67
30.37 Traci S Granger	61	39.63 Debbie Cavanaugh	61	1:26.09 Susan Ingraham	60	2:55.21 Diane F Spence	66
30.56 Veronica Hibben	63	40.28 Mary J Kahn	60	1:26.52 Elaine S Valdez	64	2:55.88 Beverly O Amick	65
31.30 Cathy Ganze	62	40.38 Melinda J Mann	63	1:29.48 Laura A Worden	62	2:57.29 Sally K Guthrie	69
31.85 Susan Ingraham	60	■ 100 M. BACKSTROKE		1:35.44 Louise Rafkin	61	■ 400 M. FREESTYLE	
31.89 Bonnie M Bilich	61	1:14.50 BONNIE BILICH	18	1:35.53 Maria V Klein	61	5:12.80 LAURA VAL	19
32.22 Patricia T Moses	60	1:14.58 Bonnie M Bilich	61	1:38.09 Cathy V Neville	62	5:12.80 Laura B Val	68
32.32 Robin S Robinson	62	1:21.37 K Andrus-Hughes	62	1:38.89 Nancy Kryka	64	5:34.47 Lo D Knapp	65
32.87 Barbara C Wheeler	62	1:25.06 Colette M Crabbe	63	■ 200 M. BUTTERFLY		5:38.53 Christie Ciraulo	66
32.97 J Saul-Zachau	61	1:25.11 Debbie Cavanaugh	61	2:41.03 LAURA VAL	11	5:48.12 S Loftus-Charley	67
33.06 E Boscacci	63	1:27.76 Charlene O'Brien	63	2:56.10 Traci S Granger	61	6:01.76 C Gutierrez	67
■ 100 M. FREESTYLE		1:29.08 Kirkpatrick-Reno	64	3:17.77 Elaine S Valdez	64	6:02.69 Diane F Spence	66
1:03.83 LAURA VAL	11	1:29.19 Mary Anne Hines	62	3:21.22 Denise H Brown	60	6:07.81 Heidi J Ernst	67
1:07.61 Veronica Hibben	63	1:29.84 Mary J Kahn	60	3:36.77 Cathy V Neville	62	6:14.88 Katy L Kessinger	65
1:08.50 Bonnie M Bilich	61	1:31.26 Susan D DeMere	63	3:38.15 Barbara A McNulty	62	6:15.36 Linda S Bamber	65
1:11.13 Susan Ingraham	60	1:31.31 Robin S Robinson	62	3:46.45 Nancy Kryka	64	6:15.69 Merry B Finch	65
1:11.31 Traci S Granger	61	■ 200 M. BACKSTROKE		3:48.74 Louise Rafkin	61	■ 800 M. FREESTYLE	
1:11.99 Charlene O'Brien	63	2:41.57 BONNIE BILICH	19	3:57.49 Lisa R Cannon	61	10:49.60 LAURA VAL	17
1:12.26 Colette M Crabbe	63	2:41.57 Bonnie M Bilich	61	4:03.70 Cynthia P Henley	61	11:17.95 Christie Ciraulo	66
1:12.49 Patricia T Moses	60	2:49.65 Bonnie L Spivey	61	4:06.56 Jo Ann Harrelson	63	11:21.32 Lo D Knapp	65
1:15.07 J Saul-Zachau	61	3:02.45 Susan Ingraham	60	■ 200 M. INDIVIDUAL MEDLEY		11:43.66 S Loftus-Charley	67
1:15.07 J Saul-Zachau	61	3:03.96 Karen L Einsidler	63	2:47.99 LAURA VAL	13	12:08.49 C Gutierrez	67
1:15.25 E Boscacci	63	3:05.24 Denise H Brown	60	2:49.85 Colette M Crabbe	63	12:10.32 Heidi J Ernst	67
1:15.34 Mary J Kahn	60	3:06.43 Debbie Cavanaugh	61	2:52.13 Bonnie M Bilich	61	12:12.70 Cheryl A Murray	67
■ 200 M. FREESTYLE		3:11.70 Charlene O'Brien	63	2:53.62 Bonnie L Spivey	61	12:43.80 Diane F Spence	66
2:21.48 LAURA VAL	12	3:13.83 Susan D DeMere	63	3:00.21 Traci S Granger	61	12:46.55 Sally K Guthrie	69
2:31.51 Veronica Hibben	63	3:14.65 Mary J Kahn	60	3:09.25 Elaine S Valdez	64	12:52.55 Merry B Finch	65
2:31.72 S Heim-Bowen	61	3:15.73 Denise M Hearst	61	3:11.63 Karen L Einsidler	63	12:52.90 Katy L Kessinger	65
2:37.55 Colette M Crabbe	63	■ 50 M. BREASTSTROKE		3:16.65 Louise Rafkin	61	■ 1500 M. FREESTYLE	
2:37.62 Karen L Einsidler	63	39.02 BETH ESTEL	16	3:19.32 Carol W Wilson	62	21:00.15 LAURA VAL	16
2:38.34 Charlene O'Brien	63	39.91 Colette M Crabbe	63	3:22.66 Laura A Worden	62	21:32.84 Christie Ciraulo	66
2:41.25 Tracy L Grilli	62	40.88 Melinda J Mann	63	3:23.83 J Saul-Zachau	61	22:03.45 S Loftus-Charley	67
2:43.61 Susan Ingraham	60	41.90 E De Herder	61	■ 400 M. INDIVIDUAL MEDLEY		23:02.15 Heidi J Ernst	67
2:45.06 Cathy V Neville	62	42.14 Cathy Ganze	62	5:56.27 LAURA VAL	11	23:51.48 Cecilia McCloskey	69
2:45.56 J Saul-Zachau	61	42.70 Barbara C Wheeler	62	5:58.81 Bonnie L Spivey	61	24:09.51 Diane F Spence	66
2:45.72 Carol W Wilson	62	42.81 Karen L Melick	62	6:06.48 Colette M Crabbe	63	24:14.28 Joan P Craffey	66
■ 400 M. FREESTYLE		43.51 Christine Siegel	62	6:41.73 Denise H Brown	60	24:18.82 Gwen Uthus	65
4:59.82 LAURA VAL	12	43.72 Nancy C Vincent	60	6:49.62 Elaine S Valdez	64	24:21.15 Katy L Kessinger	65
5:09.84 Bonnie L Spivey	61	43.93 Debbie Cavanaugh	61	7:04.78 Judith H Norton	62	24:31.61 Sally K Guthrie	69
5:15.34 S Heim-Bowen	61	44.49 Dale M Alton	62	7:04.83 Laura A Worden	62	25:07.73 Jeanna Summers	65
5:23.38 Karen L Einsidler	63	■ 100 M. BREASTSTROKE		7:06.02 Louise Rafkin	61	■ 50 M. BACKSTROKE	
5:28.69 Tracy L Grilli	62	1:27.24 BETH ESTEL	16	7:18.29 Carol M Ogilvie	64	33.59 LAURA VAL	18
5:29.19 Colette M Crabbe	63	1:28.61 Colette M Crabbe	63	7:21.66 J Saul-Zachau	61	34.66 Laura B Val	68
5:29.28 Charlene O'Brien	63	1:31.81 E De Herder	61	7:22.99 Nancy Kryka	64	36.18 Penny P Noyes	65
5:30.55 Veronica Hibben	63	1:35.89 Barbara C Wheeler	62			38.21 Evie S Lynch	67
						39.12 Davenia Navaroli	67

40.09 Linda P Fulton	67	■ 100 M. BACKSTROKE		3:06.97 Ruth Y Shaps	72	■ 50 M. BREASTSTROKE	
40.83 Lo D Knapp	65	1:14.49 LAURA VAL	18	3:07.73 Joanne Menard	71	43.19 DANA BROWN	18
41.55 Andra Jaunzeme	66	1:14.83 Laura B Val	68	3:08.30 Barbara G Dunbar	70	46.52 Janet Gettling	71
42.12 Jeanne Mc Cleave	65	1:21.08 Penny P Noyes	65	3:14.95 Beverly Montrella	73	48.02 Julianna Holbrook	72
42.55 Marilyn A Fink	65	1:25.26 Evie S Lynch	67	3:22.14 Linda Webb	74	50.23 June Carson	71
42.78 Joan P Craffey	66	1:27.62 Linda P Fulton	67	3:22.80 Colleen G Reid	70	51.55 Linda Webb	74
■ 100 M. BACKSTROKE		1:30.79 Joan P Craffey	66	3:28.06 Mary Christensen	74	51.99 Ginger L Pierson	72
1:14.49 LAURA VAL	18	1:32.26 Karen Bierwert	67	3:28.56 Janet Gettling	71	52.37 Martha Samuelson	70
1:14.83 Laura B Val	68	1:33.51 Beverly O Amick	65	■ 400 M. FREESTYLE		53.59 Sally Hasbrook	71
1:21.08 Penny P Noyes	65	1:34.32 Jeanne Mc Cleave	65	6:06.16 CAROLYN BOAK	18	53.99 Nancy H Stanbury	70
1:25.26 Evie S Lynch	67	1:35.21 Jeanna Summers	65	6:19.85 June Carson	71	54.47 Meegan Wilson	71
1:27.62 Linda P Fulton	67	1:36.45 Marilyn A Fink	65	6:22.65 Marcia L Barry	71	59.96 Mary Christensen	74
1:30.79 Joan P Craffey	66	■ 200 M. BACKSTROKE		6:27.90 Ruth Y Shaps	72	■ 100 M. BREASTSTROKE	
1:32.26 Karen Bierwert	67	2:47.70 LAURA VAL	19	6:31.99 Barbara G Dunbar	70	1:38.78 JOANN LEILICH	09
1:33.51 Beverly O Amick	65	2:47.70 Laura B Val	68	6:38.47 Kathy M Slifer	74	1:46.08 Janet Gettling	71
1:34.32 Jeanne Mc Cleave	65	2:59.90 Cecilia McCloskey	69	6:50.81 Joanne Menard	71	1:54.72 Nancy H Stanbury	70
1:35.21 Jeanna Summers	65	3:03.17 Evie S Lynch	67	6:54.84 Janet Gettling	71	1:55.34 Linda Webb	74
1:36.45 Marilyn A Fink	65	3:11.75 Joan P Craffey	66	6:59.74 Beverly Montrella	73	1:56.10 Cynthia L Dutro	71
■ 200 M. BACKSTROKE		3:13.58 Linda P Fulton	67	7:06.31 Colleen G Reid	70	1:58.23 Martha Samuelson	70
2:47.70 LAURA VAL	19	3:17.80 Christie Ciraulo	66	7:10.43 Linda Shoenberger	72	2:05.70 Meegan Wilson	71
2:47.70 Laura B Val	68	3:26.98 Jeanna Summers	65	■ 800 M. FREESTYLE		2:06.77 Mary Christensen	74
2:59.90 Cecilia McCloskey	69	3:27.65 Cynthia E Shaffer	69	12:35.14 LAVELLE STOINOFF	04	2:13.67 Frances L Roark	73
3:03.17 Evie S Lynch	67	3:35.90 Karlene Denby	66	12:59.76 Marcia L Barry	71	2:13.72 Jane E Wright	70
3:11.75 Joan P Craffey	66	3:37.46 Carolyn B Lyman	69	13:14.86 Barbara G Dunbar	70	2:13.87 Mary C Hoover	70
3:13.58 Linda P Fulton	67	■ 50 M. BREASTSTROKE		13:20.55 June Carson	71	■ 200 M. BREASTSTROKE	
3:17.80 Christie Ciraulo	66	41.93 DOT MUNGER	16	13:52.38 Joanne Menard	71	3:34.49 JOANN LEILICH	11
3:26.98 Jeanna Summers	65	43.42 Lo D Knapp	65	14:03.64 Beverly Montrella	73	4:00.50 Janet Gettling	71
3:27.65 Cynthia E Shaffer	69	43.50 Charlotte M Davis	69	14:09.07 Janet Gettling	71	4:10.58 Martha Samuelson	70
3:35.90 Karlene Denby	66	44.07 C McKelvey	66	14:35.92 Stephanie I Scott	72	4:18.62 Mary Christensen	74
3:37.46 Carolyn B Lyman	69	44.21 Carole Andre	66	14:37.98 Colleen G Reid	70	4:25.34 Nancy H Stanbury	70
■ 50 M. BREASTSTROKE		45.19 Laura B Val	68	14:40.11 Linda Webb	74	4:26.64 Linda Webb	74
41.93 DOT MUNGER	16	45.20 Penny P Noyes	65	14:47.16 Linda Shoenberger	72	4:30.51 Meegan Wilson	71
43.42 Lo D Knapp	65	45.68 Karen Bierwert	67	■ 1500 M. FREESTYLE		4:33.29 Stephanie I Scott	72
43.50 Charlotte M Davis	69	45.74 C Gutierrez	67	24:14.23 MARCIA BARRY	18	4:35.08 Ginger L Pierson	73
44.07 C McKelvey	66	46.40 Evie S Lynch	67	24:29.35 Marcia L Barry	71	4:47.40 Mary C Hoover	70
44.21 Carole Andre	66	46.67 Danielle Ogier	67	25:09.91 Barbara G Dunbar	70	4:48.81 Sandra G Cathey	70
45.19 Laura B Val	68	■ 100 M. BREASTSTROKE		25:59.47 Joanne Menard	71	■ 50 M. BUTTERFLY	
45.20 Penny P Noyes	65	1:32.24 LO KNAPP	19	26:18.05 Beverly Montrella	73	35.02 DIANN UUSTAL	17
45.68 Karen Bierwert	67	1:32.24 Lo D Knapp	65	27:36.63 Stephanie I Scott	72	41.20 Joanne Menard	71
45.74 C Gutierrez	67	1:35.28 Charlotte M Davis	69	27:38.81 Linda Webb	74	41.47 Janet Gettling	71
46.40 Evie S Lynch	67	1:40.06 Karen Bierwert	67	28:49.30 Mary Christensen	74	41.49 Christie Altman	70
46.67 Danielle Ogier	67	1:40.16 Carole Andre	66	30:12.50 Annette M Coholan	71	42.52 Julianna Holbrook	72
■ 100 M. BREASTSTROKE		1:40.64 C Gutierrez	67	30:28.98 Nancy H Stanbury	70	48.58 Sarah Welch	72
1:32.24 LO KNAPP	19	1:41.45 Danielle Ogier	67	31:47.06 Lyn M Moreno	71	48.93 Linda Webb	74
1:32.24 Lo D Knapp	65	1:44.84 Kathy Manger	65	■ 50 M. BACKSTROKE		50.02 Jan L Levinrad	72
1:35.28 Charlotte M Davis	69	1:47.29 Joan P Craffey	66	39.11 DIANN UUSTAL	17	50.66 P Patterson	73
1:40.06 Karen Bierwert	67	1:48.01 Diane F Spence	66	39.76 Margaret H Toppe	71	50.90 Marilyn Douglass	70
1:40.16 Carole Andre	66	1:48.82 Andra Jaunzeme	66	41.25 Diann Uustal	73	51.88 Lori D Boettler	73
1:40.64 C Gutierrez	67	■ 200 M. BREASTSTROKE		44.87 Christie Altman	70	■ 100 M. BUTTERFLY	
1:41.45 Danielle Ogier	67	3:19.08 LO KNAPP	19	45.14 Marcia L Barry	71	1:35.09 MARGOT PETTIJOHN	16
1:44.84 Kathy Manger	65	3:19.08 Lo D Knapp	65	46.30 Janet Gettling	71	1:47.60 Janet Gettling	71
1:47.29 Joan P Craffey	66	3:24.61 Charlotte M Davis	69	46.49 Beverly Montrella	73	1:50.00 Joanne Menard	71
1:48.01 Diane F Spence	66	3:38.52 Karen Bierwert	67	46.59 Ruth Y Shaps	72	1:58.49 Sarah Welch	72
1:48.82 Andra Jaunzeme	66	3:39.24 C Gutierrez	67	46.61 Mimi Frank	72	2:07.01 Babs H Larsen	72
■ 200 M. BREASTSTROKE		3:43.75 Andra Jaunzeme	66	48.67 Jeannie Mitchell	73	2:07.63 Cynthia L Dutro	71
3:19.08 LO KNAPP	19	3:44.02 Danielle Ogier	67	49.43 Ann Vitt	73	2:09.58 Jamie Stewart	71
3:19.08 Lo D Knapp	65	3:49.11 Kathy Manger	65	■ 100 M. BACKSTROKE		2:11.60 Kristi Panayotoff	71
3:24.61 Charlotte M Davis	69	3:49.71 Joan P Craffey	66	1:25.54 DIANN UUSTAL	17	2:13.91 Nancy H Stanbury	70
3:38.52 Karen Bierwert	67	3:50.97 Diane F Spence	66	1:30.14 Diann Uustal	73	2:14.66 Michelle E Martin	70
3:39.24 C Gutierrez	67	4:03.75 Tamara R Steil	65	1:31.96 Margaret H Toppe	71	2:25.69 Katherine Watson	72
3:43.75 Andra Jaunzeme	66	■ 50 M. BUTTERFLY		1:39.09 Ruth Y Shaps	72	■ 200 M. BUTTERFLY	
3:44.02 Danielle Ogier	67	32.93 PENNY NOYES	19	1:39.28 Marcia L Barry	71	3:37.41 MARGOT PETTIJOHN	16
3:49.11 Kathy Manger	65	32.93 Penny P Noyes	65	1:40.29 Christie Altman	70	4:00.76 Janet Gettling	71
3:49.71 Joan P Craffey	66	34.02 Laura B Val	68	1:44.21 Mimi Frank	72	4:21.34 Babs H Larsen	72
3:50.97 Diane F Spence	66	34.50 Christie Ciraulo	66	1:44.92 Janet Gettling	71	4:57.53 Kristi Panayotoff	71
4:03.75 Tamara R Steil	65	34.84 Lynn Morrison	65	1:45.19 Beverly Montrella	73	5:09.67 Jamie Stewart	71
■ 50 M. BUTTERFLY		36.53 Andra Jaunzeme	66	1:49.40 Kathy M Slifer	74	5:11.97 Michelle E Martin	70
32.93 PENNY NOYES	19	36.61 J Woolsey	66	1:49.86 Ann Vitt	73	5:17.45 Stephanie I Scott	72
32.93 Penny P Noyes	65	38.18 Evie S Lynch	67	■ 200 M. BACKSTROKE		5:24.60 Katherine Watson	72
34.02 Laura B Val	68	38.78 Linda P Fulton	67	3:14.66 DIANN UUSTAL	17	5:36.73 Ginger L Pierson	73
34.50 Christie Ciraulo	66	38.85 Carole Andre	66	3:18.96 Diann Uustal	73	10:30.85 Marsha L Mauldin	74
34.84 Lynn Morrison	65	39.79 Barbara G Taylor	65	3:30.28 Marcia L Barry	71	■ 200 M. INDIVIDUAL MEDLEY	
36.53 Andra Jaunzeme	66			3:35.26 Christie Altman	70	3:20.72 MARGOT PETTIJOHN	16
36.61 J Woolsey	66			3:37.55 Ruth Y Shaps	72	3:39.43 Kathy M Slifer	74
38.18 Evie S Lynch	67			3:43.99 Beverly Montrella	73	3:41.55 Janet Gettling	71
38.78 Linda P Fulton	67			3:50.75 Marilyn Douglass	70	3:58.24 Linda Webb	74
38.85 Carole Andre	66			3:55.35 A Susan Tyler	71	4:07.29 Marilyn Douglass	70
39.79 Barbara G Taylor	65			4:01.21 Martha Samuelson	70	4:10.13 Cynthia L Dutro	71
				4:02.13 Jeannie Mitchell	73	4:11.03 Sarah Welch	72
				4:02.46 Ann Vitt	73	4:14.44 Stephanie I Scott	72

4:15.32	Ginger L Pierson	72	30:18.97	Lynne Lund	79	■ 50 M. BUTTERFLY		4:13.86	Susan L Munn	81	
4:23.57	Catherine Brooks	71	32:27.84	Anne B Long	77	44.95	GAIL ROPER	04	4:20.76	Patricia Tullman	82
4:25.89	Suzette A Harkin	73	33:04.82	L Westergaard	76	51.59	Joy Ward	77	4:22.89	Sally Newell	82
■ 400 M. INDIVIDUAL MEDLEY			33:29.52	Corinna Goodman	78	1:01.31	Jackie M Marr	76	4:35.67	Martha Henderson	83
7:16.18	MARGOT PETTIJOHN	16	33:52.31	Carol S Smollen	75	1:03.00	DeEtte A Sauer	78	4:42.42	Laura J Gogola	83
7:51.64	Janet Gettling	71	34:29.30	Carolynn Foley	76	1:04.73	J Dillon Stewart	77	5:15.56	Luise E Easton	81
8:58.91	Catherine Brooks	71	35:53.01	Jill D Fritz	79	1:06.91	Lynne Lund	79	5:28.35	Joanne F Stewart	81
8:59.33	Stephanie I Scott	72	36:24.98	Karen Klisch	78	1:08.81	Ellen K Shockro	77	■ 400 M. FREESTYLE		
9:24.41	Kristi Panayotoff	71	46:15.54	Karin Bivens	75	1:16.45	Ida M Hlavacek	77	7:24.53	JEAN TROY	07
9:30.06	Michelle E Martin	70	■ 50 M. BACKSTROKE			1:44.01	Roswita D Norris	77	7:27.40	Anne H Williams	81
9:30.45	Nancy H Stanbury	70	44.43	DORIS STEADMAN	99	■ 100 M. BUTTERFLY		7:53.42	Patricia M Bond	81	
9:42.73	Ginger L Pierson	73	47.91	Joy Ward	77	1:50.84	DANIELA BARNEA	19	7:54.09	Joann Leilich	80
11:31.23	Liliane Cardinal	70	49.13	Chris S Gilligan	76	1:50.84	Daniela Barnea	75	9:11.38	Patricia Tullman	82
14:25.23	Marsha L Mauldin	74	51.89	J Dillon Stewart	77	2:02.56	Susan L Meyers	77	9:11.85	Martha Henderson	83
			53.74	Jackie M Marr	76	2:07.37	Joy Ward	77	9:55.70	Luise E Easton	81
			55.50	L Westergaard	76	2:25.80	DeEtte A Sauer	78	10:50.44	Tanako Hagiwara	81
			55.66	Jane Katz	76	2:34.25	Lynne Lund	79	10:50.68	Laura J Gogola	83
			1:00.38	P St. Germain	77	2:42.31	Aagje A Caron	78	15:29.61	Gaile Harden	80
			1:00.88	Theresa M Ashton	77	3:16.79	Ida M Hlavacek	77	■ 800 M. FREESTYLE		
			1:01.32	Ella B Ackley	77	3:39.99	Roswita D Norris	77	15:12.94	JEAN TROY	07
			1:01.45	Jill D Fritz	79	■ 200 M. BUTTERFLY		15:19.65	Anne H Williams	81	
			■ 100 M. BACKSTROKE			4:00.75	DANIELA BARNEA	19	16:17.65	Joann Leilich	80
			1:39.06	DORIS STEADMAN	99	4:00.75	Daniela Barnea	75	16:47.79	Patricia M Bond	81
			1:41.40	Chris S Gilligan	76	4:33.94	Susan L Meyers	77	19:11.89	Patricia Tullman	82
			1:45.75	Joy Ward	77	5:20.30	DeEtte A Sauer	78	19:30.12	Martha Henderson	83
			1:57.05	L Westergaard	76	5:25.80	Joy Ward	77	19:52.20	Luise E Easton	81
			1:58.96	J Dillon Stewart	77	5:31.03	Lynne Lund	79	30:23.41	Gaile Harden	80
			2:04.22	Jane Katz	76	6:38.72	Ida M Hlavacek	77	■ 1500 M. FREESTYLE		
			2:09.26	Carolynn Foley	76	■ 200 M. INDIVIDUAL MEDLEY		29:04.81	JEAN TROY	07	
			2:11.17	Jackie M Marr	76	3:38.23	DANIELA BARNEA	19	30:08.84	Anne H Williams	81
			2:14.08	P St. Germain	77	3:38.23	Daniela Barnea	75	31:45.95	Patricia M Bond	81
			2:14.20	Ida M Hlavacek	77	4:04.11	Joy Ward	77	36:33.41	Patricia Tullman	82
			2:15.18	Gail N Marsch	79	4:13.60	Susan L Meyers	77	36:47.93	Martha Henderson	83
			■ 200 M. BACKSTROKE			4:41.58	Lynne Lund	79	37:37.58	Luise E Easton	81
			3:39.41	DORIS STEADMAN	99	4:46.15	Jackie M Marr	76	56:57.34	Gaile Harden	80
			3:46.57	Chris S Gilligan	76	4:48.83	J Dillon Stewart	77	■ 50 M. BACKSTROKE		
			3:48.76	Joy Ward	77	5:23.14	Ida M Hlavacek	77	46.39	BUNNY CEDERLUND	02
			3:52.06	Jane Katz	76	5:49.94	Roswita D Norris	77	55.32	Anne H Williams	81
			4:02.85	L Westergaard	76	■ 400 M. INDIVIDUAL MEDLEY		58.06	Patricia M Bond	81	
			4:22.49	J Dillon Stewart	77	7:47.11	DANIELA BARNEA	19	58.99	Margit H Jebe	81
			4:35.89	Carolynn Foley	76	7:47.11	Daniela Barnea	75	59.41	Kristin N Jaffe	81
			4:36.39	Jackie M Marr	76	8:45.22	Joy Ward	77	59.87	Patricia Tullman	82
			4:45.45	Lynne Lund	79	8:53.46	Susan L Meyers	77	1:09.07	Susan L Munn	81
			4:48.66	Jill D Fritz	79	9:41.30	Lynne Lund	79	1:09.30	Sally Newell	82
			4:52.17	Ida M Hlavacek	77	9:56.19	Aagje A Caron	78	1:09.37	Kacky C Elliott	80
			■ 50 M. BREASTSTROKE			10:03.29	Anne B Long	77	1:12.42	Martha Henderson	83
			47.10	JOANN LEILICH	14	11:49.12	Ida M Hlavacek	77	1:12.76	Joanne F Stewart	81
			47.25	Daniela Barnea	75	12:28.94	Roswita D Norris	77	■ 100 M. BACKSTROKE		
			55.73	Mirjana Prather	75				1:47.29	BETTY LORENZI	09
			58.27	Sue Calnek-Morris	76				1:58.56	Margit H Jebe	81
			1:01.42	Jackie M Marr	76				2:01.47	Anne H Williams	81
			1:05.52	J Dillon Stewart	77				2:05.70	Patricia M Bond	81
			1:13.57	Pat J Lillehei	75	■ 50 M. FREESTYLE			2:15.65	Patricia Tullman	82
			1:18.94	Ida M Hlavacek	77	38.64	GAIL ROPER	09	2:24.80	Susan L Munn	81
			1:21.62	Theresa M Ashton	77	48.44	Margit H Jebe	81	2:28.53	Kacky C Elliott	80
			1:22.06	DeEtte A Sauer	78	48.76	Gynt Clifford	81	2:30.16	Martha Henderson	83
			1:22.43	Vicki Catlin	75	48.83	Anne H Williams	81	2:30.21	Sally Newell	82
			■ 100 M. BREASTSTROKE			48.95	Patricia M Bond	81	2:49.84	Joanne F Stewart	81
			1:42.18	JOANN LEILICH	14	49.57	Patricia Tullman	82	3:15.01	Gaile Harden	80
			1:44.40	Daniela Barnea	75	51.06	Jeanne Little	82	■ 200 M. BACKSTROKE		
			2:14.18	Sue Calnek-Morris	76	52.23	Susan L Munn	81	3:53.12	BETTY LORENZI	10
			2:15.95	Aagje A Caron	78	52.31	Kristin N Jaffe	81	4:17.56	Anne H Williams	81
			2:31.80	Jackie M Marr	76	55.01	Sally Newell	82	4:17.59	Patricia M Bond	81
			2:36.57	Lynne Lund	79	55.38	Kacky C Elliott	80	4:39.90	Gynt Clifford	81
			2:53.17	Roswita D Norris	77	■ 100 M. FREESTYLE		4:49.40	Patricia Tullman	82	
			3:01.17	Ida M Hlavacek	77	1:27.55	GAIL ROPER	09	5:04.26	Sally Newell	82
			3:01.38	Pat J Lillehei	75	1:42.44	Anne H Williams	81	5:10.88	Martha Henderson	83
			3:03.21	Karin Bivens	75	1:49.40	Gynt Clifford	81	5:12.96	Kacky C Elliott	80
			■ 200 M. BREASTSTROKE			1:54.33	Patricia Tullman	82	6:11.77	Joanne F Stewart	81
			3:40.84	JOANN LEILICH	14	1:55.81	Susan L Munn	81	6:35.86	Gaile Harden	80
			3:48.31	Daniela Barnea	75	2:01.49	Jeanne Little	82	■ 50 M. BREASTSTROKE		
			4:29.21	Susan L Meyers	77	2:01.70	Sally Newell	82	51.37	ANNE WILLIAMS	18
			4:50.90	Aagje A Caron	78	2:06.16	Kacky C Elliott	80	51.39	Joann Leilich	80
			5:09.34	Jackie M Marr	76	2:12.78	Martha Henderson	83	54.33	Anne H Williams	81
			5:22.65	Lynne Lund	79	2:32.66	Tanako Hagiwara	81	56.62	Kristin N Jaffe	81
			5:53.29	Pat J Lillehei	75	2:33.52	Joanne F Stewart	81	1:00.21	Dorothy A Burke	80
			5:56.97	Roswita D Norris	77	■ 200 M. FREESTYLE		1:07.86	Sally Newell	82	
			6:32.15	Karin Bivens	75	3:27.26	JEAN TROY	07	1:09.41	Luise E Easton	81
			6:46.53	Ida M Hlavacek	77	3:31.42	Anne H Williams	81	1:10.64	Patricia M Bond	81
						3:55.30	Patricia M Bond	81	1:18.04	Joanne F Stewart	81
						3:57.82	Joann Leilich	80			

1:26.10 Kacky C Elliott	80	■ 50 M. BACKSTROKE		■ 200 M. BACKSTROKE		24.97 Evan Sherkness	24
1:35.04 Jeannine E Olson	80	51.81 BETTY LORENZI	12	4:38.73 BETTY LORENZI	17	25.23 Alec J Kandt	24
■ 100 M. BREASTSTROKE		59.75 Ann Kay	85	No Swimmers		25.31 Patrick Shutt	20
1:49.04 JOANN LEILICH	19	59.81 Vel H Perry	86	■ 50 M. BREASTSTROKE		25.32 Gabriel Kirk	22
1:49.04 Joann Leilich	80	1:16.00 Ann M Hirsch	88	1:14.04 JEAN TROY	17	25.32 Matthew McComish	20
2:01.44 Anne H Williams	81	1:35.26 Joan K Campbell	89	No Swimmers		■ 100 M. FREESTYLE	
2:16.55 Dorothy A Burke	80	1:55.71 Joyce L Voit	85	■ 100 M. BREASTSTROKE		49.37 JOSH SCHNEIDER	12
2:22.10 Kristin N Jaffe	81	2:11.44 Joy Tsuzuki	89	2:43.03 JEAN TROY	17	53.77 Samuel Ubellacker	21
2:29.77 Patricia M Bond	81	■ 100 M. BACKSTROKE		No Swimmers		54.11 Meguru Hotta	22
3:02.07 Joanne F Stewart	81	1:53.28 BETTY LORENZI	12	■ 200 M. BREASTSTROKE		54.72 Matthew McComish	20
3:25.92 Gaile Harden	80	2:13.96 Vel H Perry	86	5:52.53 JEAN TROY	17	55.48 Cory Nguyen	24
3:26.18 Martha Henderson	83	2:46.94 Ann M Hirsch	88	No Swimmers		55.53 Patrick Shutt	20
■ 200 M. BREASTSTROKE		2:59.99 Joan K Campbell	89	■ 50 M. BUTTERFLY		55.65 Erik A Nielsen	23
3:59.55 JOANN LEILICH	19	3:15.99 Barbara M Eisele	89	1:29.40 CHARLOTTE SANDDAL	13	55.80 Nicholas Skorut	21
3:59.55 Joann Leilich	80	3:34.13 Joyce L Voit	85	No Swimmers		56.41 Kyle Otazu	23
4:20.15 Anne H Williams	81	■ 200 M. BACKSTROKE		■ 200 M. INDIVIDUAL MEDLEY		56.74 Gabriel Kirk	22
4:53.59 Dorothy A Burke	80	4:01.09 BETTY LORENZI	13	5:52.37 JEAN TROY	18	57.02 Nick Silverthorn	24
5:03.35 Kristin N Jaffe	81	4:45.65 Ann Kay	85	No Swimmers		■ 200 M. FREESTYLE	
5:09.55 Patricia M Bond	81	6:13.43 Joan K Campbell	89			1:52.74 JOE TRISTAN	98
6:45.96 Joanne F Stewart	81	6:34.97 Barbara M Eisele	89			2:04.19 Kyle Otazu	23
7:13.29 Jeannine E Olson	80	7:31.65 Joyce L Voit	85			2:08.11 Joshua Graves	22
7:49.91 Gaile Harden	80	■ 50 M. BREASTSTROKE				2:10.92 John Wagner	22
■ 50 M. BUTTERFLY		1:01.45 NAN BOHL	14	■ 50 M. FREESTYLE		2:11.67 Kaynen Chua	20
47.37 GAIL ROPER	09	1:15.02 Barbara Callison	86	1:04.02 MAURINE KORNFELD	16	2:11.74 Ryan Troy	24
1:06.11 Patricia Tullman	82	1:15.65 Ann M Hirsch	88	1:10.78 Maurine Kornfeld	98	2:12.87 Brandon McKenzie	22
1:08.41 Susan L Munn	81	1:40.81 Margrit Graef	88	■ 100 M. FREESTYLE		2:13.17 Riley Bond	21
1:16.63 Martha Henderson	83	■ 100 M. BREASTSTROKE		2:22.74 MAURINE KORNFELD	16	2:14.79 Evan Edwards	21
■ 100 M. BUTTERFLY		2:20.49 NAN BOHL	14	2:37.83 Maurine Kornfeld	98	2:15.70 Blake Woodrow	23
2:06.55 LOIS NOCHMAN	04	2:49.06 Ann M Hirsch	88	■ 200 M. FREESTYLE		2:16.67 Aaron Pluemer	23
2:32.22 Dorothy A Burke	80	■ 200 M. BREASTSTROKE		5:03.47 MAURINE KORNFELD	16	■ 400 M. FREESTYLE	
2:56.76 Martha Henderson	83	5:04.17 ANN HIRSCH	16	5:27.95 Maurine Kornfeld	98	4:04.68 HYUN SEUNG LEE	07
2:57.32 Patricia Tullman	82	5:59.09 Ann M Hirsch	88	■ 400 M. FREESTYLE		4:22.11 Joshua Graves	22
■ 200 M. BUTTERFLY		6:26.58 Janet H Moeller	85	10:12.49 MAURINE KORNFELD	16	4:31.75 Brandon McKenzie	22
4:34.86 LOIS NOCHMAN	04	■ 50 M. BUTTERFLY		No Swimmers		4:42.83 Blake Woodrow	23
No Swimmers		1:01.94 LOIS KIVI NOCHMAN	09	■ 800 M. FREESTYLE		4:57.45 Jake Andersen	22
■ 200 M. INDIVIDUAL MEDLEY		1:16.80 Barbara Callison	86	21:39.10 MAURINE KORNFELD	17	5:01.26 Christopher J Yaw	21
4:18.27 ANN HIRSCH	11	1:21.07 Janet H Moeller	85	No Swimmers		5:01.92 Kyle B Hendricks	23
4:37.23 Dorothy A Burke	80	■ 100 M. BUTTERFLY		■ 1500 M. FREESTYLE		5:07.87 Avery Krovetz	23
4:40.39 Patricia M Bond	81	2:23.89 LOIS KIVI NOCHMAN	09	41:39.68 RITA SIMONTON	13	5:07.89 William Kemp	20
5:12.75 Susan L Munn	81	No Swimmers		No Swimmers		5:13.28 Zach Hingtgen	23
5:31.92 Martha Henderson	83	■ 200 M. BUTTERFLY		■ 50 M. BACKSTROKE		5:14.06 Christian Torres	24
6:02.08 Laura J Gogola	83	5:07.64 LOIS KIVI NOCHMAN	09	1:14.31 RITA SIMONTON	13	■ 800 M. FREESTYLE	
■ 400 M. INDIVIDUAL MEDLEY		No Swimmers		1:20.06 Maurine Kornfeld	98	8:44.80 RYAN ROSENBAUM	15
9:32.43 JEAN TROY	07	■ 200 M. INDIVIDUAL MEDLEY		■ 100 M. BACKSTROKE		9:33.08 Evan Edwards	21
9:50.27 Dorothy A Burke	80	5:00.53 ANN HIRSCH	16	2:42.67 RITA SIMONTON	13	10:04.27 Blake Woodrow	23
12:09.95 Martha Henderson	83	6:05.21 Janet H Moeller	85	3:04.57 Maurine Kornfeld	98	10:28.41 Kyle B Hendricks	23
		7:51.27 Barbara M Eisele	89	■ 200 M. BACKSTROKE		11:14.38 Anthony Galvez	22
		■ 400 M. INDIVIDUAL MEDLEY		5:42.64 MAURINE KORNFELD	16	11:16.88 Gregory G Willett	22
		10:41.24 BETTY RUSS	12	6:19.51 Maurine Kornfeld	98	11:23.41 Juan Palabrica	22
		16:17.09 Barbara M Eisele	89	■ 50 M. BREASTSTROKE		■ 1500 M. FREESTYLE	
				2:16.08 CHARLOTTE SANDDAL	17	16:58.37 JACOB JEZEK	13
				No Swimmers		20:37.09 Kyle B Hendricks	23
				■ 100 M. BREASTSTROKE		21:36.97 Anthony Galvez	22
				4:37.87 CHARLOTTE SANDDAL	17	23:49.79 Aleksei Dokuchaev	19
				No Swimmers		24:52.27 Amos Chan	24
				■ 200 M. BREASTSTROKE		31:27.72 Glenn Donovan	22
				9:18.96 CHARLOTTE SANDDAL	17	■ 50 M. BACKSTROKE	
				No Swimmers		26.91 DAVE ROLLINS	05
						26.65 Meguru Hotta	22NV
						28.43 Nicholas Skorut	21
						29.02 Matthew McComish	20
						29.09 Cory Nguyen	24
						30.05 David Jimenez	22
						30.46 Chandler Lewis	24
						31.18 Chris Hearl	24
						31.33 Marcus Quint	24
						31.62 Kaynen Chua	20
						32.04 Ryan Troy	24
						■ 100 M. BACKSTROKE	
						53.61 EUGENE GODSOE	12
						55.93 Meguru Hotta	22
						1:02.27 Cory Nguyen	24
						1:03.56 Nicholas Skorut	21
						1:05.16 David Jimenez	22
						1:05.77 Kaynen Chua	20
						1:07.02 Kyle B Hendricks	23
						1:07.14 Yona Rubin	19
						1:08.49 William Kemp	20
						1:08.59 John C Scalli	24
						1:08.84 Peter Banks	20

■ 200 M. BACKSTROKE		■ 200 M. INDIVIDUAL MEDLEY		9:47.82 Alan P Peterson	26	2:26.18 Eric R Materniak	28
2:03.82 TAKEHARU FUJIMORI	18	2:05.80 JACOB MONTAGUE	16	10:04.37 Stephen T Schmuhl	26	2:40.34 A McCollister	27
2:16.59 Matthew McComish	20	2:15.80 Yona Rubin	19	10:17.43 Andrew Koons	27	2:41.80 Ryan B Rosenbaum	25
2:22.28 Cory Nguyen	24	2:17.96 Cory Nguyen	24	10:19.24 Cameron P Voegelé	28	2:45.97 Christopher Purdy	28
2:23.02 Kaynen Chua	20	2:19.90 Matthew McComish	20	10:26.37 Jan Weber	28	2:46.33 Zachary Windle	27
2:28.96 Morgan Moore	24	2:26.28 Sean M Fisher	24	■ 1500 M. FREESTYLE		2:47.99 Garrett M Hubbard	28
2:37.95 Kyle B Hendricks	23	2:28.03 John Wagner	22	16:13.89 ALEX KOSTICH	97	2:49.68 Brett Stoughton	25
2:44.74 William Kemp	20	2:33.13 William Kemp	20	17:21.40 John B Sarikas	26	2:50.70 Adam A Walker	29
2:45.21 Aaron B Reeder	20	2:33.30 Juan Palabrica	22	17:39.99 Ryan B Rosenbaum	25	2:50.95 Reese Gonzales	28
2:46.31 Amos Chan	24	2:35.75 Brian Gong	19	18:02.62 A McCollister	27	■ 50 M. BUTTERFLY	
2:51.69 Philip M Yeager	22	2:36.35 Spencer Marquardt	24	18:14.14 Bradley K Cline	25	23.71 KOHEI KAWAMOTO	08
■ 50 M. BREASTSTROKE		2:36.55 Alex A Ghavami	23	18:31.50 Casey Powers	29	24.71 Wyatt Ubellacker	29
28.87 DAVE ROLLINS	05	■ 400 M. INDIVIDUAL MEDLEY		19:52.20 M Jaroszewicz	29	24.78 Chuck Destro	28
29.86 Alec J Kandt	24	4:44.53 PETER GALAN	10	20:02.81 James B Lamb	26	25.26 Alexander Aceino	28
31.00 Gabriel Kirk	22	4:46.76 Yona Rubin	19	20:06.39 Aaron Foreman	27	25.64 Enzo J Pazos	25
31.26 Everett Plocek	23	5:11.10 Sean M Fisher	24	20:42.29 Robert W Daltorio	27	26.03 Ralph J Porrazzo	27
31.29 Jacob Blindenbach	20	5:19.73 Collin Moore	24	20:47.79 Andrew S Koons	27	26.05 Stephen T Schmuhl	26
31.54 Yona Rubin	19	5:25.31 Blake Woodrow	23	■ 50 M. BACKSTROKE		26.10 Ben Mayes	25
32.59 Regis Lachance	22	5:36.90 Kyle B Hendricks	23	26.05 ADAM MANIA	11	26.17 Stanislav Saiko	27
32.96 Riley Bond	21	5:49.95 Matthew Liu	19	26.83 Chuck Destro	28	26.89 Brett Stoughton	25
33.19 Brandon McKenzie	22	6:08.81 Amos Chan	24	27.63 Joe Scherpenberg	28	26.92 Austin Wilson	29
33.50 Daniel C Peralta	23	6:18.52 Marco Kojic	20	27.91 Stanislav Saiko	27	■ 100 M. BUTTERFLY	
33.51 Patrick Shutt	20			29.22 Garrett M Hubbard	28	51.20 THOMAS SHIELDS	16
■ 100 M. BREASTSTROKE				29.31 Stephen Seliskar	25	56.58 Stephen T Schmuhl	26
1:00.68 JACOB MONTAGUE	16			29.46 Ryan TerBush	29	56.67 Alexander Aceino	28
1:06.86 Alec J Kandt	24			29.63 Alexander Aceino	28	58.03 Enzo J Pazos	25
1:07.43 Gabriel Kirk	22	■ 50 M. FREESTYLE		30.01 Nicholas J Jones	29	58.23 Zachary J Wahl	29
1:07.63 Yona Rubin	19	21.69 NATHAN ADRIAN	14	30.06 Amr E El-Sayed	27	58.61 Marc Blumberg	26
1:08.37 Jacob Blindenbach	20	22.69 Ben Mayes	25	30.33 Jacky Lau	25	58.86 Nolan Rogers	26
1:10.00 Nick Silverthorn	24	23.04 Wyatt Ubellacker	29	■ 100 M. BACKSTROKE		59.21 Curtis Lin	28
1:10.63 Everett Plocek	23	23.33 Chuck Destro	28	55.15 ADAM MANIA	11	59.30 Ken A Barcinas	27
1:11.21 Brandon McKenzie	22	23.96 Enzo J Pazos	25	57.43 Ralph J Porrazzo	27	59.95 D Glaser-Garbrick	28
1:12.24 Chris L Riordan	24	24.04 Danila Novikov	27	1:00.53 Ramunas Paknys	28	1:00.23 B Bauchwitz	26
1:13.88 Daniel C Peralta	23	24.04 Mat A Prasser	27	1:00.70 Stephen T Schmuhl	26	■ 200 M. BUTTERFLY	
1:15.23 Juan Palabrica	22	24.80 Alexander Aceino	28	1:01.11 Joe Scherpenberg	28	1:55.81 THOMAS SHIELDS	16
■ 200 M. BREASTSTROKE		24.81 Michael Peron	29	1:04.00 Robert Sussmeier	29	2:11.85 Marc Blumberg	26
2:11.10 ELLIOT KEEFER	12	25.01 Austin Wilson	29	1:04.30 Garrett M Hubbard	28	2:14.69 Casey Powers	29
2:26.15 Yona Rubin	19	25.05 Tyler Harp	29	1:05.49 Amr E El-Sayed	27	2:16.61 Wilson Josephson	25
2:36.83 Gabriel Kirk	22	■ 100 M. FREESTYLE		1:05.80 Ken A Barcinas	27	2:17.22 D Glaser-Garbrick	28
2:40.26 Brandon McKenzie	22	47.96 NATHAN ADRIAN	17	1:06.30 John A Aselton	28	2:17.24 Ken A Barcinas	27
2:40.40 Joshua Graves	22	50.64 William J Wagner	28	1:06.32 David E Rieder	25	2:18.64 Eric R Materniak	28
2:42.54 Riley Bond	21	51.29 Ben Mayes	25	■ 200 M. BACKSTROKE		2:23.89 Stephen T Schmuhl	26
2:52.30 Alex A Ghavami	23	52.25 Wyatt Ubellacker	29	2:03.61 HAYES JOHNSON	17	2:24.37 Andrew P Lum	26
2:53.97 Juan Palabrica	22	53.62 Enzo J Pazos	25	2:15.50 Ramunas Paknys	28	2:43.51 Jesse A Greve	29
2:54.85 Maksim Kosminskii	22	53.64 Stanislav Saiko	27	2:20.94 Garrett M Hubbard	28	2:45.00 Robert W Daltorio	27
2:55.23 Daniel C Peralta	23	53.92 Stephen T Schmuhl	26	2:23.76 Robert Sussmeier	29	■ 200 M. INDIVIDUAL MEDLEY	
3:00.11 Morgan Moore	24	53.99 Ken A Barcinas	27	2:26.34 David E Rieder	25	2:04.40 ADAM RITTER	13
■ 50 M. BUTTERFLY		54.40 Alexander Aceino	28	2:30.31 Joe Scherpenberg	28	2:13.84 Danila Novikov	27
24.20 THOMAS SHIELDS	14	55.11 Wilson Josephson	25	2:39.63 Andrew Koons	27	2:14.35 Nolan Rogers	26
25.08 Samuel Ubellacker	21	55.24 Robert Sussmeier	29	2:41.03 Nathan Leber	27	2:17.76 D Glaser-Garbrick	28
25.30 Meguru Hotta	22	■ 200 M. FREESTYLE		2:42.08 Andrew P Lum	26	2:18.43 Curtis Lin	28
26.26 Alec J Kandt	24	1:50.69 ALEX WOLD	13	2:48.69 Robert W Daltorio	27	2:18.71 Alexander Aceino	28
27.01 Nicholas Skorut	21	1:57.34 Ralph J Porrazzo	27	2:51.44 Michael R Thomas	27	2:19.52 Eric R Materniak	28
27.19 Andrew Macdonald	21	2:00.42 John B Sarikas	26	■ 50 M. BREASTSTROKE		2:21.03 George W Greer	29
27.29 Cory Nguyen	24	2:00.43 Ken A Barcinas	27	27.96 MARK GANGLOFF	11	2:21.63 Ryan TerBush	29
27.32 Matthew McComish	20	2:01.82 Stanislav Saiko	27	29.39 Trevor J Hoyt	28	2:23.20 Robert Sussmeier	29
27.47 John Wagner	22	2:02.98 Alexander Aceino	28	29.88 Eric R Materniak	28	2:24.70 Garrett M Hubbard	28
27.77 Regis Lachance	22	2:03.92 Robert Sussmeier	29	29.97 Mat A Prasser	27	■ 400 M. INDIVIDUAL MEDLEY	
27.77 Kyle B Hendricks	23	2:04.48 Casey Powers	29	30.21 Danila Novikov	27	4:20.83 ALEX WOLD	13
■ 100 M. BUTTERFLY		2:06.19 Eric R Materniak	28	30.77 Reese Gonzales	28	4:53.90 D Glaser-Garbrick	28
51.29 THOMAS SHIELDS	14	2:07.99 Mitchell Huxhold	26	30.87 Austin N Taylor	26	4:58.58 Marc Blumberg	26
58.40 Meguru Hotta	22	2:08.22 Francisco Parra	25	31.05 Andrew D Brower	25	5:00.03 Bradley K Cline	25
58.57 Matthew McComish	20	■ 400 M. FREESTYLE		31.39 Ben Mayes	25	5:01.79 Ryan B Rosenbaum	25
59.31 Patrick Shutt	20	3:55.01 ALEX WOLD	13	31.41 Stephen T Schmuhl	26	5:13.34 Tyler P Sites	28
1:00.27 Joshua Graves	22	4:17.00 John B Sarikas	26	31.63 Ryan B Rosenbaum	25	5:21.54 Garrett M Hubbard	28
1:01.22 Andrew Macdonald	21	4:21.56 D Glaser-Garbrick	28	■ 100 M. BREASTSTROKE		5:23.53 Casey Powers	29
1:01.47 John Wagner	22	4:23.43 Wilson Josephson	25	1:00.68 BJ JOHNSON	13	5:33.21 Daniel Roa	29
1:01.49 Gabriel Kirk	22	4:24.58 Casey Powers	29	1:04.30 Hunter Cobleigh	25	5:38.95 Andrew P Lum	26
1:01.65 Lucas Cuadros	24	4:25.35 Marc Blumberg	26	1:04.87 Trevor J Hoyt	28	5:39.20 Michael Gutierrez	26
1:03.62 Daniel C Peralta	23	4:27.04 Bradley K Cline	25	1:06.44 Eric R Materniak	28		
1:03.93 Yona Rubin	19	4:32.81 Alan P Peterson	26	1:08.21 Austin N Taylor	26		
■ 200 M. BUTTERFLY		4:33.90 Robert Sussmeier	29	1:08.69 Reese Gonzales	28		
1:55.09 THOMAS SHIELDS	14	4:34.61 A McCollister	27	1:08.86 B Bauchwitz	26		
2:18.16 John Wagner	22	■ 800 M. FREESTYLE		1:10.56 Mat A Prasser	27		
2:32.95 Matthew Liu	19	8:24.67 ALEX KOSTICH	97	1:11.72 Curtis Lin	28		
2:36.38 Sean M Fisher	24	9:09.91 John B Sarikas	26	1:11.76 Timur Rakhimov	26		
2:59.37 Amos Chan	24	9:11.73 Ryan B Rosenbaum	25	1:12.02 Andrew D Brower	25		
3:06.52 Gregory G Willett	22	9:15.26 Casey Powers	29	■ 200 M. BREASTSTROKE			
		9:41.20 A McCollister	27	2:10.09 BJ JOHNSON	13		
		9:43.43 Andrew Barmann	26	2:23.53 Trevor J Hoyt	28		

25.27 R Kavrelishvili	34	1:05.01 Arthur Gouvea	31	■ 200 M. BUTTERFLY		4:48.04 Konrad Ciolko	36
25.42 Lance C Croft	31	1:05.16 Matt Boone	30	2:03.76 MATT HAAPT	10	4:48.80 Stephen T Rouch	39
25.44 Jake N Vogel	31	1:06.26 Chad Damitz	34	2:13.72 A Bezugliy	34	4:49.82 J O'Loughlin	36
25.47 Warren R Cieslak	32	1:08.09 James W Rogers	30	2:21.95 Cameron Owen	30	■ 800 M. FREESTYLE	
■ 100 M. FREESTYLE		1:08.92 Eric L Jackwin	30	2:25.33 Maksim Smorodin	33	8:38.73 ROWDY GAINES	95
48.71 ANTHONY ERVIN	14	1:09.35 Satori Iwamoto	33	2:28.37 C Schildknecht	34	8:50.16 Markus A Rogan	37
51.70 Neal H Kennedy	30	1:10.43 Jack Dobbs	31	2:29.74 Erik D Petersen	31	9:23.91 Kevin Mendenhall	36
53.45 Cameron Owen	30	1:11.66 Paul Hoffmann	31	3:05.48 Emmanuel Torres	33	10:11.14 J O'Loughlin	36
53.49 Michael P Klueh	32	■ 200 M. BACKSTROKE		■ 200 M. INDIVIDUAL MEDLEY		10:13.79 Daniel J Gibbons	35
54.01 Igor Iovanovich	32	2:05.62 SEAN MURPHY	94	1:59.24 RYAN LOCHTE	17	10:14.93 Michael J Malik	38
54.16 Andrew Cox	34	2:16.84 A Bezugliy	34	2:11.10 A Bezugliy	34	10:16.90 Matt Roper	38
54.79 Jake N Vogel	31	2:24.13 Kaspar Raigla	30	2:15.18 Sergii Kukharskyi	30	10:20.46 Jonathan Salcedo	37
55.06 Eric T Nilsson	32	2:26.38 Arthur Gouvea	31	2:15.75 Jake N Vogel	31	10:40.61 Mattia Marelli	38
55.64 Evan Kraus	33	2:32.26 Satori Iwamoto	33	2:21.02 Joseph M Anderson	34	10:46.37 Ben Karlin	36
55.93 Mark Reeves	30	2:34.31 Jason J Singh	30	2:21.93 Keisuke Yagi	33	11:17.02 Jonathan A Goler	39
56.30 Danny P Giometti	33	2:52.71 Ed Pereira	34	2:27.08 Kristof Igloi	32	■ 1500 M. FREESTYLE	
■ 200 M. FREESTYLE		2:54.33 Zachary Y Green	30	2:30.56 Satori Iwamoto	33	16:32.72 CHRISTOPHER DERKS	08
1:49.34 DARIAN TOWNSEND	14	2:54.46 Carlos Rodriguez	30	2:33.17 J Hershberger	33	16:43.67 Markus A Rogan	37
1:59.71 Eric T Nilsson	32	3:25.39 Alexander Beeman	30	2:34.09 Jacob Cook	31	18:15.24 Stephen T Rouch	39
2:00.75 Jake N Vogel	31	■ 50 M. BREASTSTROKE		2:35.37 Erik D Petersen	31	18:35.77 Zebbron J Lemke	39
2:02.41 Igor Iovanovich	32	27.26 BRANDON FISCHER	19	■ 400 M. INDIVIDUAL MEDLEY		19:02.14 Matt Roper	38
2:03.38 Evan Kraus	33	27.26 Brandon J Fischer	30	4:20.81 DARIAN TOWNSEND	16	19:10.17 Michael J Malik	38
2:03.90 Chad La Tourette	31	29.01 Kevin Bartell	34	4:45.39 A Bezugliy	34	20:42.91 Craig Pansing	38
2:04.32 Danny P Giometti	33	29.39 Keisuke Yagi	33	5:11.37 C Schildknecht	34	21:08.61 Craig Gawlick	38
2:05.78 Mark Reeves	30	29.70 Sergii Kukharskyi	30	5:21.88 Cejhi J Yung	34	22:39.79 Scott J Bolcoa	38
2:10.27 Joseph M Anderson	34	30.23 Damien Bernard	32	5:39.19 Erik D Petersen	31	23:36.14 Jimmy Sout	36
2:10.98 Kristof Igloi	32	31.15 Chris Conroy	34	5:45.20 Satori Iwamoto	33	23:43.12 Joel Lauritzen	37
2:11.98 Marko Stewart	32	31.56 A Bezugliy	34	6:04.24 Ian R Opolski	30	■ 50 M. BACKSTROKE	
■ 400 M. FREESTYLE		31.82 Arnaldo Gasco	34	6:10.36 Zachary Y Green	30	26.54 JEFF NATALIZIO	19
3:58.12 DARIAN TOWNSEND	16	32.11 Anthony DeBrot	30	6:33.72 Adam D Johnson	32	26.54 Jeff F Natalizio	37
4:13.14 Eric T Nilsson	32	32.27 Tony Cisneros	32	6:45.39 Robert E Duguay	34	26.98 Darian R Townsend	35
4:13.34 Chad La Tourette	31	■ 100 M. BREASTSTROKE		6:58.41 Richard Garza	31	27.52 C Gibson	36
4:26.49 Evan Kraus	33	59.86 BRANDON FISCHER	19			28.54 Seth Aldrich	38
4:27.65 Joseph M Anderson	34	59.86 Brandon J Fischer	30			28.65 Daniel Lotano	39
4:33.00 Danny P Giometti	33	1:04.57 Sergii Kukharskyi	30			29.61 Brian McAteer	35
4:35.93 C Schildknecht	34	1:05.39 Keisuke Yagi	33	■ 50 M. FREESTYLE		29.82 Rinaldo Sintjago	37
4:39.50 Mark Reeves	30	1:06.53 Kevin Bartell	34	23.09 ANTHONY ERVIN	19	31.55 Scott Newmann	35
4:39.95 Marko Stewart	32	1:06.98 A Bezugliy	34	23.09 Anthony L Ervin	38	32.28 Matt Roper	38
4:41.35 J Hershberger	33	1:11.00 Chris Conroy	34	23.73 Daniel Lotano	39	32.45 Andrew K Demand	36
4:51.03 Ross Karakivrak	32	1:11.49 Arnaldo Gasco	34	24.41 Mario L Marshall	37	■ 100 M. BACKSTROKE	
■ 800 M. FREESTYLE		1:14.11 Cejhi J Yung	34	24.52 Andrew Haidinyak	39	59.18 MICHAEL ROSS	06
8:28.76 CHAD LA TOURETTE	19	1:14.52 C Schildknecht	34	24.74 Jeff F Natalizio	37	59.36 C Gibson	36
8:28.76 Chad La Tourette	31	1:16.23 Serge Wenzel	34	24.93 Scott Newmann	35	1:00.62 Jeff F Natalizio	37
9:35.35 C Schildknecht	34	■ 200 M. BREASTSTROKE		25.03 Rinaldo Sintjago	37	1:03.57 Daniel Lotano	39
9:38.49 Joseph M Anderson	34	2:11.91 BRANDON FISCHER	19	25.19 Andrew K Demand	36	1:06.85 Dan Snyder	35
10:00.55 Marko Stewart	32	2:11.91 Brandon J Fischer	30	25.48 Adeleke-Adedoyin	38	1:07.53 Brian McAteer	35
10:08.29 RJ Jacobs	31	2:25.21 A Bezugliy	34	25.56 John Samotyj	38	1:09.02 Matt Roper	38
10:25.89 Ross Karakivrak	32	2:26.74 Sergii Kukharskyi	30	■ 100 M. FREESTYLE		1:09.70 Scott Newmann	35
10:45.68 Eric L Jackwin	30	2:34.51 Jake N Vogel	31	51.49 ROWDY GAINES	95	1:09.77 Jonathan Salcedo	37
10:49.83 Brett C Laplante	31	2:40.72 Cejhi J Yung	34	51.73 ANTHONY ERVIN	19	1:10.62 Jed Hayn	38
10:51.39 Robert E Duguay	34	2:43.78 Arnaldo Gasco	34	52.18 Markus A Rogan	37	1:13.70 Aung Sann Oo	38
11:06.33 Matt Cahoon	31	2:44.21 C Schildknecht	34	53.22 Mario L Marshall	37	■ 200 M. BACKSTROKE	
■ 1500 M. FREESTYLE		3:03.34 Nick A Pierson	33	54.37 Daniel Lotano	39	2:07.16 RON KARNAUGH	01
15:52.24 CHAD LA TOURETTE	19	3:04.47 Doston Ganiyev	32	54.82 Rinaldo Sintjago	37	2:14.98 C Gibson	36
15:52.24 Chad La Tourette	31	3:04.80 Zachary Y Green	30	56.09 John Samotyj	38	2:21.90 Keith Ryan	35
18:16.22 Joseph M Anderson	34	■ 50 M. BUTTERFLY		56.51 Robert C Dmytrow	38	2:26.55 Seth Aldrich	38
18:43.87 C Schildknecht	34	23.26 ROLAND SCHOEMAN	13	56.55 Scott Newmann	35	2:29.49 Matt Roper	38
20:53.02 Trace U Sauter	31	24.79 Neal H Kennedy	30	56.60 Brian McAteer	35	2:39.75 D Carrington	38
20:56.84 Matt Cahoon	31	24.98 Kevin Bartell	34	57.11 Alex Carpenter	39	2:40.47 Dan Snyder	35
21:05.61 David Law	34	25.73 Damien Bernard	32	■ 200 M. FREESTYLE		2:42.87 C Colmenares	35
21:06.97 Jack P Merrywell	30	25.80 Kaspar Raigla	30	1:52.84 VLAD PYSHNENKO	06	2:42.95 Sean Gill	39
21:28.60 James N Hoke	33	26.02 Andrew Cox	34	2:03.71 Markus A Rogan	37	2:44.35 Brian Bergford	37
21:59.04 Adam D Johnson	32	26.24 Jake N Vogel	31	2:06.15 Rinaldo Sintjago	37	2:44.62 Jeffrey G Morris	35
22:49.73 Ed Pereira	34	26.47 Warren R Cieslak	32	2:06.44 Robert C Dmytrow	38	■ 50 M. BREASTSTROKE	
■ 50 M. BACKSTROKE		26.93 Maksim Smorodin	33	2:08.04 John Samotyj	38	28.53 JEFF COMMINGS	09
24.67 MATT GREVERS	17	27.14 Sergii Kukharskyi	30	2:09.30 Alex Carpenter	39	29.37 Geoff Wells	37
27.65 Kaspar Raigla	30	27.31 Cameron Owen	30	2:09.77 John T Swick	36	29.49 James Fike	38
28.47 Jake N Vogel	31	■ 100 M. BUTTERFLY		2:11.87 Joel D Rector	37	29.78 Jeff F Natalizio	37
29.38 Chad Damitz	34	53.36 DARIAN TOWNSEND	14	2:13.28 Jonathan Salcedo	37	31.32 Kyle B Deery	35
29.51 Damien Bernard	32	57.12 Neal H Kennedy	30	2:14.40 Alexander Schulz	35	31.87 Matthew Winfield	38
30.25 Cameron Owen	30	57.29 Michael P Klueh	32	2:14.41 Matt Roper	38	32.11 Dan Snyder	35
30.38 Matt Boone	30	57.32 Damien Bernard	32	■ 400 M. FREESTYLE		32.27 Ben C Palmer	39
30.67 James W Rogers	30	57.77 Kaspar Raigla	30	4:07.64 ROWDY GAINES	95	32.30 M Harrington	39
30.72 Anthony DeBrot	30	58.58 Jake N Vogel	31	4:09.32 Darian R Townsend	35	32.36 Randy Gertenbach	37
31.47 Eric L Jackwin	30	58.87 Cameron Owen	30	4:10.11 Markus A Rogan	37	32.68 Casey R Fronk	37
31.67 Aurelio S Figari	30	58.95 Andrew Cox	34	4:32.48 Michael Dellanoce	35	■ 100 M. BREASTSTROKE	
■ 100 M. BACKSTROKE		1:00.15 Maksim Smorodin	33	4:38.53 Kevin Mendenhall	36	1:03.76 JEFF COMMINGS	13
52.71 MATT GREVERS	17	1:01.80 Danny P Giometti	33	4:44.19 Michael J Malik	38	1:06.40 Geoff Wells	37
59.86 Michael P Klueh	32	1:01.94 Matt Boone	30	4:45.61 Zebbron J Lemke	39	1:07.89 James Fike	38
1:02.24 Kaspar Raigla	30			4:46.50 Matt Roper	38	1:10.91 Jeff F Natalizio	37

1:11.13 Randy Gertenbach 37	MEN 40-44	29.91 Nei-Kuan Chia 42	■ 100 M. BUTTERFLY
1:11.70 Matthew Winfield 38		30.56 Ryan Papa 43	56.43 MICHAEL ROSS 08
1:14.08 Dan Snyder 35	■ 50 M. FREESTYLE	30.97 Javier Saldena 44	1:01.25 Joshua Schwartz 42
1:14.36 Brian McAteer 35	23.31 BRIAN JACOBSON 14	30.97 Roberto E Delgado 44	1:01.30 Nei-Kuan Chia 42
1:14.64 Casey R Fronk 37	24.43 Scott C Greenwood 42	31.41 Sean Stringer 44	1:01.32 John D Newhouse 41
1:15.01 Ben C Palmer 39	25.11 Matthew J Mills 42	31.59 Jeffrey S Blatnik 40	1:02.18 Roberto E Delgado 44
1:15.67 C De Voss 38	25.68 Trevor O Gray 43	32.18 David Betenbaugh 44	1:02.54 Trevor O Gray 43
■ 200 M. BREASTSTROKE	25.70 John D Newhouse 41	■ 100 M. BACKSTROKE	1:02.77 Matthew J Mills 42
2:20.34 STEVE WEST 11	25.79 Eric M Stimson 40	59.08 MICHAEL ROSS 09	1:02.82 Scott J Dallamura 41
2:27.54 Geoff Wells 37	25.87 Peter Ford 40	1:02.58 Eric M Stimson 40	1:03.25 Jeremy C Virgil 40
2:37.37 Michael Dellanoce 35	25.92 Luis Comulada 44	1:04.01 Trevor O Gray 43	1:04.38 Rodrigo Mendes 40
2:45.12 Matthew Winfield 38	26.16 Nei-Kuan Chia 42	1:04.84 Nei-Kuan Chia 42	1:04.79 J Iwaszkowicz 43
2:47.10 John T Swick 36	26.19 Randy Charcalla 43	1:05.22 Ryan Papa 43	■ 200 M. BUTTERFLY
2:47.16 Jeffrey Morris 35	26.37 Paul Mundl 42	1:08.23 Javier Saldena 44	2:05.55 DENNIS BAKER 04
2:49.29 Corey L Welch 36	26.37 Wayne Hwang 41	1:08.39 Jeffrey S Blatnik 40	2:15.54 Joshua Schwartz 42
2:49.87 Joel D Rector 37	■ 100 M. FREESTYLE	1:08.44 John D Newhouse 41	2:18.77 Jeremy C Virgil 40
2:49.98 Brian Teske 37	51.72 VLAD PYSHNENKO 10	1:09.67 David Betenbaugh 44	2:42.76 David A Popko 42
2:50.66 Ben C Palmer 39	55.78 Matthew J Mills 42	1:10.76 David A Popko 42	2:43.51 Jorge E Albino 44
2:51.00 Brian McAteer 35	57.84 John D Newhouse 41	1:11.83 Sean Stringer 44	2:46.41 Brendan Herlihy 43
■ 50 M. BUTTERFLY	57.91 Trevor O Gray 43	■ 200 M. BACKSTROKE	2:55.01 James A Adams 42
24.14 KOHEI KAWAMOTO 15	58.18 Paul Mundl 42	2:11.13 FREDERIK HVIID 14	2:55.54 Thomas Patterson 42
25.11 Anthony L Ervin 38	58.73 Jeremy C Virgil 40	2:12.53 Chuck Barnes 43	3:01.57 Matt Miller 42
25.22 Daniel Lotano 39	59.43 Martin J Torres 42	2:19.96 Eric M Stimson 40	3:04.71 Naoki Matsumura 42
25.42 Mario L Marshall 37	59.58 Wayne Hwang 41	2:21.99 Nei-Kuan Chia 42	3:05.24 Jeff N Berebitsky 44
25.96 Jeff F Natalizio 37	59.58 Randy Charcalla 43	2:23.35 Ryan Papa 43	■ 200 M. INDIVIDUAL MEDLEY
26.19 C Gibson 36	1:00.08 David A Popko 42	2:37.69 David A Popko 42	2:13.71 JEFF COMMINGS 16
26.77 Scott Newmann 35	1:00.57 Thomas D Tabbert 41	2:38.08 Brendan Herlihy 43	2:17.43 Eric M Stimson 40
27.16 Andrew K Demand 36	■ 200 M. FREESTYLE	2:40.21 Matt Miller 42	2:21.03 Kurt Hirsekorn 40
27.23 Alex Carpenter 39	1:53.65 VLAD PYSHNENKO 10	2:40.63 David Betenbaugh 44	2:23.40 Trevor O Gray 43
27.43 John Samotyj 38	2:06.42 Jeremy C Virgil 40	2:42.43 James A Adams 42	2:25.67 Damian A Garis 40
27.45 Jonathan Salcedo 37	2:07.07 Juan L Martinez 44	2:43.60 Michael J Cox 42	2:26.10 Joshua Schwartz 42
■ 100 M. BUTTERFLY	2:08.72 David A Popko 42	■ 50 M. BREASTSTROKE	2:27.17 Peter Trahms 40
53.65 KOHEI KAWAMOTO 18	2:09.02 Joshua Schwartz 42	29.02 JEFF COMMINGS 14	2:27.27 Jay Griffin 44
56.72 Mario L Marshall 37	2:11.22 Paul Mundl 42	30.79 Barry Garland 41	2:29.76 John D Newhouse 41
59.23 Daniel Lotano 39	2:12.22 Kurt Hirsekorn 40	32.20 Oscar I Bermudez 41	2:32.54 David A Popko 42
59.40 C Gibson 36	2:14.25 John D Newhouse 41	33.18 Chad A Durieux 40	2:35.61 Patrick J Lahey 41
1:00.61 James Fike 38	2:16.70 Eric M Stimson 40	33.36 Patrick J Lahey 41	■ 400 M. INDIVIDUAL MEDLEY
1:01.50 Mark G Hamming 37	2:16.81 Thomas D Tabbert 41	33.67 C Jeanpierre 43	4:47.82 ERIC CHRISTENSEN 18
1:01.52 Scott Newmann 35	2:17.12 Sean Stringer 44	34.23 Michael W McNelis 44	5:03.49 Eric M Stimson 40
1:02.14 Seth Aldrich 38	■ 400 M. FREESTYLE	34.37 Wayne Hwang 41	5:18.68 Damian A Garis 40
1:02.34 Jonathan Salcedo 37	4:06.74 ERIK HOCHSTEIN 09	34.51 Christian Bahr 44	5:26.14 David A Popko 42
1:02.35 Robert C Dmytrow 38	4:26.56 R Monasterio 41	34.58 Damian A Garis 40	5:33.38 Michael W McNelis 44
1:02.97 John Samotyj 38	4:27.06 Jeremy C Virgil 40	34.75 Rich Williams 44	5:33.43 Patrick J Lahey 41
■ 200 M. BUTTERFLY	4:30.71 Juan L Martinez 44	■ 100 M. BREASTSTROKE	5:38.38 James A Adams 42
2:04.76 BRENT CREAGER 15	4:34.68 Thomas D Tabbert 41	1:03.76 STEVE WEST 12	5:40.12 Brendan Herlihy 43
2:22.18 Keith Ryan 35	4:39.20 David A Popko 42	1:08.30 Barry Garland 41	5:45.50 Matt Miller 42
2:29.60 Michael J Malik 38	4:43.92 Eric M Stimson 40	1:09.06 Kurt Hirsekorn 40	5:49.77 Jorge E Albino 44
2:33.01 Robert C Dmytrow 38	4:47.74 Sean Stringer 44	1:10.90 Oscar I Bermudez 41	5:54.74 Matthew J Mills 42
2:41.27 Kevin H Cleary 36	4:53.38 Matt Miller 42	1:12.03 Damian A Garis 40	
2:53.86 Jonathan A Goler 39	4:54.88 James A Adams 42	1:14.20 Patrick J Lahey 41	MEN 45-49
3:23.61 Andres H Miyares 36	4:59.69 Mike Weiss 41	1:14.72 Peter Trahms 40	■ 50 M. FREESTYLE
3:29.59 Cyrus S Rose 39	■ 800 M. FREESTYLE	1:15.36 Michael W McNelis 44	24.12 BRIAN JACOBSON 18
■ 200 M. INDIVIDUAL MEDLEY	8:37.81 ALEX KOSTICH 10	1:17.17 Chad A Durieux 40	24.50 Brian L Jacobson 46
2:05.64 RONALD KARNAUGH 02	9:29.94 Jeremy C Virgil 40	1:17.28 Tarek A El Dokor 44	25.32 Tom Phillips 45
2:05.65 Darian R Townsend 35	9:44.35 Eric M Stimson 40	1:17.30 C Jeanpierre 43	25.36 D Mastracchio 45
2:07.84 Markus A Rogan 37	9:53.74 David A Popko 42	■ 200 M. BREASTSTROKE	25.53 Steve West 47
2:18.74 Geoff Wells 37	10:15.08 Jorge E Albino 44	2:18.57 STEVE WEST 15	25.64 Kurt Grote 46
2:20.20 Michael Dellanoce 35	10:15.86 Matt Miller 42	2:39.34 Barry Garland 41	25.84 Chris D Stephens 45
2:23.22 Jeff F Natalizio 37	10:17.03 James A Adams 42	2:42.61 Oscar I Bermudez 41	25.97 John T Landreth 49
2:25.03 Joel D Rector 37	10:17.06 Brendan Herlihy 43	2:44.99 Peter Trahms 40	26.03 Aron Parker 49
2:25.41 Keith Ryan 35	10:31.96 Chad A Durieux 40	2:48.37 Patrick J Lahey 41	26.40 Dan Wegner 48
2:27.31 Alex Carpenter 39	10:34.20 Ryan F Foster 44	2:48.70 Michael W McNelis 44	26.59 V Krasnykov 46
2:27.66 Dan Snyder 35	10:37.52 Brian J Meyer 43	2:49.84 C Jeanpierre 43	■ 100 M. FREESTYLE
2:28.43 John T Swick 36	■ 1500 M. FREESTYLE	2:55.60 Tarek A El Dokor 44	53.77 NICOLAS GRANGER 16
■ 400 M. INDIVIDUAL MEDLEY	16:36.91 ALEX KOSTICH 10	2:57.20 Chad A Durieux 40	56.91 Dan Wegner 48
4:34.10 RON KARNAUGH 01	18:05.16 Jeremy C Virgil 40	2:57.59 Justin P Ritter 43	57.14 John T Landreth 49
5:01.03 Geoff Wells 37	18:30.38 Eric M Stimson 40	■ 50 M. BUTTERFLY	57.72 Tom Phillips 45
5:01.33 Michael Dellanoce 35	18:50.35 David A Popko 42	25.11 JAMES ZENYUH 18	59.41 David D Fuller 49
5:04.91 Keith Ryan 35	19:54.48 Matt Miller 42	25.38 Chuck Barnes 43	59.59 Aron Parker 49
5:17.51 Joel D Rector 37	19:57.63 Ted A Wallach 41	25.70 James Zenyuh 43	59.68 Kyle R Kurr 47
5:23.80 Jeffrey Morris 35	20:00.59 James A Adams 42	27.04 Scott J Dallamura 41	59.89 Marc A Valle 45
5:25.34 Michael J Malik 38	20:02.58 Brian J Meyer 43	27.15 Trevor O Gray 43	1:00.15 Craig M Baldwin 45
5:32.13 Zebron J Lemke 39	20:50.78 Jonathan S Kretz 41	27.46 John D Newhouse 41	1:00.25 Steve Gunnell 49
5:37.06 Aung Sann Oo 38	21:05.50 Kevin H Donlon 41	27.46 Nei-Kuan Chia 42	1:00.80 Takeshi Maeda 48
5:41.78 Daniel J Gibbons 35	21:06.27 Nicholas J Hanley 40	27.51 Roberto E Delgado 44	■ 200 M. FREESTYLE
5:53.70 Matthew R Hanlon 39	■ 50 M. BACKSTROKE	27.86 Rodrigo Mendes 40	1:57.89 KEITH SWITZER 09
	27.47 MICHAEL ROSS 08	27.95 Domenico Sottile 42	2:05.76 Ryan E Cox 46
	27.54 Chuck Barnes 43	28.03 Joshua Schwartz 42	2:06.11 Kurt Grote 46
	29.23 Eric M Stimson 40		2:07.10 David D Galluzzi 45
	29.38 Trevor O Gray 43		

2:09.56 Dan Wegner	48	■ 50 M. BREASTSTROKE		2:28.13 John S Rubocki	49	■ 1500 M. FREESTYLE	
2:10.83 Stephen G Akers	48	29.42 STEVE WEST	19	2:29.42 Craig M Baldwin	45	17:08.33 JIM MC CONICA	00
2:10.91 Craig M Baldwin	45	29.42 Steve West	47	2:32.95 Michael D Lucero	49	18:13.61 Barton S Wells	52
2:11.46 David D Fuller	49	29.55 Jeff P Commings	45	2:33.59 Jeff Hoskinson	46	18:16.10 Kurt F Dickson	52
2:13.10 Ryan D Williams	46	30.99 Brian L Jacobson	46	■ 400 M. INDIVIDUAL MEDLEY		18:42.22 Scot A Sullivan	53
2:13.68 Morten Andersen	49	31.37 Byron Shefchik	45	4:46.41 NICOLAS GRANGER	16	19:15.32 Todd E Arris	54
2:15.00 Steve Gunnell	49	31.41 John T Landreth	49	5:04.15 Ryan E Cox	46	19:19.59 Matt Keller	50
■ 400 M. FREESTYLE		31.73 Jeffrey M Weiss	45	5:07.52 Byron Shefchik	45	19:32.69 Kenton R Jones	52
4:09.20 DENNIS BAKER	08	32.63 David B Dunson	47	5:20.85 John S Rubocki	49	19:44.10 Mark S Rubacky	50
4:23.53 Ryan E Cox	46	32.90 V Krasikov	46	5:25.16 Jeff Hoskinson	46	20:06.32 Rick M Hamilton	52
4:29.51 David D Galluzzi	45	33.52 David M Sumner	49	5:34.73 Michael D Lucero	49	20:09.70 Randy S Mayall	53
4:30.86 Dan Wegner	48	33.82 Vince Carmosino	49	5:35.92 Nathan Ascher	48	20:12.05 Chris S Bond	52
4:38.38 Brad M Shenfeld	48	■ 100 M. BREASTSTROKE		5:36.55 John R Decker	45	■ 50 M. BACKSTROKE	
4:39.22 Stephen G Akers	48	1:04.77 STEVE WEST	19	5:40.81 David B Lewis	48	28.58 RICK GOULD	18
4:41.28 Craig M Baldwin	45	1:04.77 Steve West	47	5:45.68 Bill Quagliano	48	30.57 Steve Hiltabiddle	53
4:47.69 Kurt Grote	46	1:05.29 Jeff P Commings	45	5:55.74 Eric Hatch	45	30.93 Brent Matheson	52
4:48.24 David D Fuller	49	1:08.13 Byron Shefchik	45			30.95 Bryan Malas	52
4:48.89 Mike Broglio	48	1:10.75 Brian L Jacobson	46			31.34 James W Connolly	50
4:49.82 Joseph M Walter	48	1:12.73 Rob Butcher	47			31.50 Michael J Boosin	53
■ 800 M. FREESTYLE		1:16.13 David B Dunson	47			31.61 Mats Nygren	53
8:51.98 JEFF ERWIN	10	1:16.43 Patrick H Kennedy	47			31.67 Mike G Shaffer	54
9:15.37 Ryan E Cox	46	1:16.65 V Krasikov	46	■ 50 M. FREESTYLE		31.74 Scot Frontis	50
9:29.11 David D Galluzzi	45	1:17.07 David M Sumner	49	24.58 ROWDY GAINES	09	31.78 Robert Garland	50
9:34.69 Stephen G Akers	48	1:17.61 David B Lewis	48	25.23 Steve Hiltabiddle	53	32.16 Kurt F Dickson	52
9:37.73 Brad M Shenfeld	48	■ 200 M. BREASTSTROKE		26.07 Dennis Bennett	53	■ 100 M. BACKSTROKE	
9:41.79 Kurt Grote	46	2:19.44 STEVE WEST	18	26.16 Mike Bouchard	52	1:01.57 NICOLAS GRANGER	17
10:09.41 James Secoy	49	2:21.07 Steve West	47	26.28 Michael L Power	51	1:04.61 Mike Irvin	52
10:11.58 Bill Quagliano	48	2:29.51 Byron Shefchik	45	26.35 Bert Bergen	52	1:07.97 Rick M Hamilton	52
10:18.55 Mike Broglio	48	2:49.37 Patrick H Kennedy	47	26.41 James W Connolly	50	1:09.18 Kurt F Dickson	52
10:20.79 Brian J Kremers	46	2:49.79 Ryan E Cox	46	26.43 Mike Irvin	52	1:09.24 Ignacio Jimenez	54
10:21.38 Jeff Beck	47	2:51.98 Ashley H Anderson	48	26.49 Mats Nygren	53	1:09.36 Greg Rees	50
■ 1500 M. FREESTYLE		2:54.56 David B Lewis	48	26.53 Brent Matheson	52	1:10.05 Robert Garland	50
16:38.81 JEFF ERWIN	09	2:55.48 David B Dunson	47	26.56 Rob Nasser	50	1:10.71 Scot Frontis	50
17:25.32 Ryan E Cox	46	2:56.40 Nathan Ascher	48	■ 100 M. FREESTYLE		1:10.74 Edward H Mench	53
18:05.98 David D Galluzzi	45	2:57.12 Michael D Lucero	49	54.18 NICOLAS GRANGER	17	1:10.89 Randy Schlichting	54
18:27.82 Kurt Grote	46	2:58.80 William D Arzt	45	55.73 Steve Hiltabiddle	53	1:11.26 Michael L Power	51
18:46.61 Nico P Ghilardi	49	■ 50 M. BUTTERFLY		56.48 Mike Irvin	52	■ 200 M. BACKSTROKE	
19:05.75 James Secoy	49	25.65 NICHOLAS DECKER	12	57.60 Mats Nygren	53	2:14.53 NICOLAS GRANGER	17
19:17.58 Bill Quagliano	48	26.64 Brian L Jacobson	46	58.64 Bert Bergen	52	2:23.79 Kurt F Dickson	52
19:43.00 Mike Broglio	48	27.23 John T Landreth	49	58.68 Dennis Bennett	53	2:27.57 Ignacio Jimenez	54
19:54.34 Eric Hatch	45	27.55 D Mastracchio	45	58.81 Michael L Power	51	2:28.23 Rick M Hamilton	52
20:03.68 Jordan J Valenza	47	27.65 Alan R Lake	49	59.03 Carlo Waldfried	51	2:33.92 Randy Schlichting	54
20:07.27 Mark T Fahlen	48	27.66 Timothy J Lecrone	47	59.23 John H McComish	53	2:35.50 Edward H Mench	53
■ 50 M. BACKSTROKE		27.78 David M Sumner	49	59.30 Daniel Jorgensen	51	2:36.57 Mark Kothe	53
28.05 STEVE WOOD	08	27.99 Ryan D Williams	46	59.59 James G Luebbe	52	2:45.33 Hesu Whitten	51
30.18 Tom Whowell	49	28.34 Stephen Y Ball	49	■ 200 M. FREESTYLE		2:45.93 Dan Borton	51
30.22 TR Raese	47	28.55 Steve West	47	2:00.34 DAN STEPHENSON	07	2:48.60 Joshua C Smith	51
30.45 David D Galluzzi	45	28.55 Kelly S Karren	46	2:07.36 Mats Nygren	53	2:49.85 Michael D Collins	53
31.19 Jack Methric	46	■ 100 M. BUTTERFLY		2:07.94 Robert Garland	50	■ 50 M. BREASTSTROKE	
31.29 David M Sumner	49	56.42 PAUL CARTER	02	2:09.39 Jeffrey S Utsch	52	30.48 DAVID GUTHRIE	13
31.60 Dan Wegner	48	1:00.95 Byron Shefchik	45	2:10.25 Daniel Jorgensen	51	32.08 Chris D Duplanty	54
31.61 D Mastracchio	45	1:01.13 John T Landreth	49	2:11.33 Kurt F Dickson	52	32.28 Jonathan T Manson	50
31.66 Kurt Grote	46	1:02.72 Alan R Lake	49	2:11.64 Scot A Sullivan	53	32.41 Neill Williams	51
31.70 Ryan D Williams	46	1:04.46 Morten Andersen	49	2:11.68 Dennis Bennett	53	32.89 Abraham E Solano	50
32.29 Brian J Kremers	46	1:04.59 Timothy J Lecrone	47	2:13.41 Sandro Herek	50	33.14 James W Connolly	50
32.29 M Chiappetta	47	1:04.62 John S Rubocki	49	2:13.64 Len Van Greuning	52	33.59 Bert Bergen	52
■ 100 M. BACKSTROKE		1:04.94 Marc A Valle	45	2:14.21 Abraham E Solano	50	33.77 James G Luebbe	52
1:00.13 STEVE WOOD	08	1:05.66 Kelly S Karren	46	■ 400 M. FREESTYLE		33.82 Kenneth Cooper	50
1:04.84 Mike Self	49	1:05.91 David M Sumner	49	4:15.93 NICOLAS GRANGER	17	34.41 Nick Boshoff	51
1:05.34 David D Galluzzi	45	1:06.40 Ryan D Williams	46	4:33.45 Mats Nygren	53	34.86 Carlo Waldfried	51
1:06.57 Tom Whowell	49	■ 200 M. BUTTERFLY		4:33.57 Kurt F Dickson	52	■ 100 M. BREASTSTROKE	
1:06.59 TR Raese	47	2:04.07 DENNIS BAKER	08	4:34.09 Robert Garland	50	1:06.98 DAVID GUTHRIE	14
1:08.25 Byron Shefchik	45	2:26.98 John S Rubocki	49	4:34.71 Jeffrey S Utsch	52	1:11.68 Abraham E Solano	50
1:08.57 Jack Methric	46	2:27.91 Morten Andersen	49	4:40.07 Scot A Sullivan	53	1:11.95 Chris D Duplanty	54
1:09.52 Ryan D Williams	46	2:33.41 Marc A Valle	45	4:42.17 Daniel Jorgensen	51	1:16.28 Graeme A Fiser	53
1:10.59 M Chiappetta	47	2:36.76 Byron Shefchik	45	4:43.42 Scott Jarr	52	1:16.64 Kenneth Cooper	50
1:11.21 Steve Gunnell	49	2:41.61 John R Decker	45	4:44.51 Barton S Wells	52	1:16.99 Daniel F Collazos	50
1:12.56 Jeff Hoskinson	46	2:45.10 Michael D Lucero	49	4:46.78 Dennis Bennett	53	1:17.04 James G Luebbe	52
■ 200 M. BACKSTROKE		2:45.53 Nathan Ascher	48	4:47.70 Len Van Greuning	52	1:17.53 Doug J Koehler	53
2:13.37 RICH SAEGER	12	2:58.86 David B Lewis	48	■ 800 M. FREESTYLE		1:18.02 Sean T Pendergast	50
2:22.43 David D Galluzzi	45	3:19.56 Santiago Solares	46	8:56.31 RICARDO VALDIVIA	14	1:18.51 Nick Boshoff	51
2:27.40 Mike Self	49	3:24.28 John G Bolling	46	9:29.69 Kurt F Dickson	52	1:19.22 Dale W Webster	50
2:28.14 TR Raese	47	■ 200 M. INDIVIDUAL MEDLEY		9:36.96 Barton S Wells	52	■ 200 M. BREASTSTROKE	
2:28.69 Dan Wegner	48	2:10.09 NICOLAS GRANGER	16	9:45.18 Scot A Sullivan	53	2:27.91 DAVID GUTHRIE	13
2:29.47 Tom Whowell	49	2:16.88 Kurt Grote	46	9:49.14 Mark A Magee	51	2:38.24 Abraham E Solano	50
2:30.66 Jack Methric	46	2:19.01 Steve West	47	10:01.47 Marshall Campbell	54	2:39.99 Chris D Duplanty	54
2:31.95 Brian J Kremers	46	2:19.11 Byron Shefchik	45	10:11.46 Kenton R Jones	52	2:47.12 Ignacio Jimenez	54
2:34.52 Jeff Hoskinson	46	2:23.69 John T Landreth	49	10:11.79 William Schmitz	53	2:51.84 Sean T Pendergast	50
2:36.87 M Chiappetta	47	2:25.60 Ryan E Cox	46	10:16.82 Michael D Collins	53	2:53.32 Doug J Koehler	53
2:39.34 Michael D Lucero	49	2:28.06 Morten Andersen	49	10:29.05 Mark S Rubacky	50	2:53.44 Graeme A Fiser	53
				10:34.82 Carlos Fernandez	50		

2:54.68 Nick Boshoff	51	■ 100 M. FREESTYLE		1:11.61 Jeff Sargent	55	2:40.84 Scott J Richards	59
2:55.97 Carlo Waldfried	51	56.07 STEVE WOOD	15	1:12.91 Al Jaegers	57	2:43.96 Scott Halliburton	57
2:56.29 Dale W Webster	50	56.92 Tony M Anderson	56	1:15.00 James Sullivan	58	2:54.34 Lars Farestvedt	55
2:57.81 Kenton R Jones	52	57.57 Steve Wood	59	1:15.06 Ron A Taylor	59	2:55.06 Igor V Vazhenin	55
■ 50 M. BUTTERFLY		58.25 Fred L Schuster	55	■ 200 M. BACKSTROKE		3:00.30 Jim Amick	58
25.88 PAUL CARTER	08	58.35 Jerry M Kollross	57	2:20.83 RIP ESSELSTYN	19	3:04.37 Frank A Wasko	59
25.96 Steve Hiltabiddle	53	58.42 Stephen Nichols	55	2:20.83 Rip Esselstyn	56	3:10.01 Boris Jezic	56
27.52 Greg Rees	50	59.86 Evan F Ekman	55	2:29.23 Glenn S Dixon	55	3:14.54 Michael A Given	55
27.69 Mike Bouchard	52	1:01.24 Jon Boone	56	2:33.49 J Riblet	56	■ 200 M. INDIVIDUAL MEDLEY	
27.76 Mike Irvin	52	1:01.36 Peter C Horwitz	55	2:33.63 Hector Chao	55	2:20.83 MICHAEL MANN	09
27.80 Marty Moran	52	1:01.60 Scott L Adair	56	2:34.90 Jeff T Erwin	55	2:32.33 Glenn S Dixon	55
28.37 Neill Williams	51	1:01.79 Andy Cook	55	2:36.13 Peter C Horwitz	55	2:32.60 Al Jaegers	57
28.69 Brent Matheson	52	■ 200 M. FREESTYLE		2:38.64 Carl Haynie	59	2:35.31 Jeff T Erwin	55
28.73 Scot Frontis	50	2:04.01 MICHAEL MANN	09	2:40.38 Lyle A Nalli	59	2:37.65 Hector Chao	55
28.77 Charles C Stevens	50	2:06.50 Tony M Anderson	56	2:42.80 Stratton Smith	55	2:37.84 Paul J Frentsos	58
28.96 Robert Garland	50	2:07.42 Fred L Schuster	55	2:47.18 Robert Czerwinski	56	2:38.59 Jeff Sargent	55
■ 100 M. BUTTERFLY		2:11.85 Stephen Nichols	55	■ 50 M. BREASTSTROKE		2:39.03 Daniel L Phillips	56
57.23 PAUL CARTER	08	2:15.69 Andy Cook	55	30.56 DAVID GUTHRIE	17	2:42.25 Stratton Smith	55
1:01.84 Steve Hiltabiddle	53	2:16.79 Jeff T Erwin	55	32.99 Michael Aubrey	58	2:42.29 Lars Farestvedt	55
1:03.02 Mike G Shaffer	54	2:17.62 J Riblet	56	33.14 J Kochendorfer	59	2:42.41 Robert Czerwinski	56
1:03.20 Mike Irvin	52	2:17.78 Patrick Harris	57	33.20 C Coveney	57	■ 400 M. INDIVIDUAL MEDLEY	
1:03.62 Daniel F Collazos	50	2:21.36 Brendan McCarthy	59	33.38 David M Guthrie	59	5:04.07 MICHAEL MANN	09
1:04.00 Scot Frontis	50	2:22.12 Jon Boone	56	33.84 Daniel L Phillips	56	5:26.57 Jeff T Erwin	55
1:04.74 Abraham E Solano	50	2:22.53 David Hathaway	59	34.10 Steve Wood	59	5:39.53 Daniel L Phillips	56
1:04.93 Mark A Magee	51	■ 400 M. FREESTYLE		34.70 Jorge I Gonzalez	56	5:40.80 Paul J Frentsos	58
1:05.58 Marshall Campbell	54	4:22.49 MICHAEL MANN	09	34.99 Dave Doll	56	5:49.05 Stratton Smith	55
1:06.50 John H McComish	53	4:31.02 Tony M Anderson	56	35.15 Greg Weissman	58	5:53.39 Lars Farestvedt	55
1:06.65 Brad Jones	53	4:34.77 Jeff T Erwin	55	35.85 Carl Haynie	59	5:54.92 Robert Czerwinski	56
■ 200 M. BUTTERFLY		4:42.47 Fred L Schuster	55	■ 100 M. BREASTSTROKE		6:10.79 Igor V Vazhenin	55
2:13.80 DENNIS BAKER	11	4:50.40 D Scott Wells	58	1:07.97 DAVID GUTHRIE	15	6:12.28 Jim Amick	58
2:21.07 Mike G Shaffer	54	4:52.35 G Cleveland	59	1:14.03 David M Guthrie	59	6:13.27 David Hathaway	59
2:25.17 Mark A Magee	51	4:59.38 Andy Cook	55	1:14.70 C Coveney	57	6:13.35 Curtice Smith	55
2:28.85 Abraham E Solano	50	4:59.46 Patrick Harris	57	1:16.90 Steve Wood	59		
2:30.10 Kurt F Dickson	52	5:01.06 Terry Richardson	58	1:17.07 J Kochendorfer	59		
2:38.03 Steve Hiltabiddle	53	5:01.94 David Hathaway	59	1:17.12 Robert P McAdam	57		
2:38.84 Jorge Mijares	52	5:06.88 Hector Chao	55	1:18.19 Daniel L Phillips	56		
2:44.59 Andy Fischer	52	■ 800 M. FREESTYLE		1:19.15 Michael Aubrey	58	■ 50 M. FREESTYLE	
2:45.60 Doug J Koehler	53	9:00.09 MICHAEL MANN	09	1:19.38 Dave Doll	56	25.23 RICHARD ABRAHAMS	06
2:46.46 Dan Borton	51	9:22.66 Jeff T Erwin	55	1:19.83 Jorge I Gonzalez	56	26.60 Gary Schatz	64
2:50.57 Andy S Kroupa	50	9:37.85 Tony M Anderson	56	1:21.43 Carl Haynie	59	26.87 Bruce D Young	62
■ 200 M. INDIVIDUAL MEDLEY		10:07.43 D Scott Wells	58	■ 200 M. BREASTSTROKE		27.10 Jeffrey R Stevens	60
2:11.15 NICOLAS GRANGER	17	10:24.46 Andy Cook	55	2:30.63 DAVID GUTHRIE	16	27.27 David A Bishop	60
2:20.70 Mike Irvin	52	10:26.66 G Cleveland	59	2:46.11 C Coveney	57	27.65 Bill Sherman	61
2:24.29 Abraham E Solano	50	10:33.37 Stratton Smith	55	2:48.62 David M Guthrie	59	27.71 Jonathan E Klein	62
2:26.82 Ignacio Jimenez	54	10:34.20 Patrick Harris	57	2:49.47 Robert P McAdam	57	27.84 Amro A Hassan	60
2:27.11 Robert Garland	50	10:42.21 David Hathaway	59	2:54.23 Daniel L Phillips	56	27.86 Richard Neville	63
2:27.91 Mark A Magee	51	10:47.75 Jeffrey W Crosson	58	3:01.94 Dave Doll	56	27.93 Loren Druz	63
2:32.05 Mike G Shaffer	54	10:48.47 Igor V Vazhenin	55	3:04.73 Anthony Thompson	55	28.20 Michael J Blatt	64
2:32.25 Scot Frontis	50	■ 1500 M. FREESTYLE		3:05.07 Michael Flege	56	■ 100 M. FREESTYLE	
2:32.53 Rick M Hamilton	52	17:22.61 MICHAEL MANN	09	3:10.62 J-rig Maser	56	57.79 JACK GROSELLE	14
2:33.34 Steve Hiltabiddle	53	18:02.60 Tony M Anderson	56	3:11.77 Steve Wood	59	59.81 Gary Schatz	64
2:34.34 Len Van Greuning	52	18:25.78 Jeff T Erwin	55	3:11.87 Greg Laudenslager	58	1:00.37 David A Bishop	60
■ 400 M. INDIVIDUAL MEDLEY		19:41.80 G Cleveland	59	■ 50 M. BUTTERFLY		1:00.40 Dan Stephenson	62
4:45.61 NICOLAS GRANGER	17	19:48.65 Stratton Smith	55	26.86 GARY HALL	09	1:00.56 Greg C Scott	60
5:10.12 Abraham E Solano	50	19:58.00 Andy Cook	55	27.48 Bryan R Tatterson	55	1:01.52 Tito Morales	60
5:10.43 Ignacio Jimenez	54	20:08.78 Jeffrey W Crosson	58	28.24 Fred L Schuster	55	1:01.55 Bill Sherman	61
5:16.14 Mark A Magee	51	20:15.20 David Hathaway	59	28.26 Evan F Ekman	55	1:02.02 Bruce D Young	62
5:28.64 Kurt F Dickson	52	20:17.65 Daniel L Phillips	56	28.34 Steve Wood	59	1:02.27 Thomas S Taylor	60
5:30.75 Brad Jones	53	20:25.73 John Moore	57	28.50 Glenn S Dixon	55	1:02.35 Andy Dyer	61
5:35.36 Doug J Koehler	53	20:38.24 Andreas A Lorenz	58	28.67 Stephen Nichols	55	1:02.48 Jonathan E Klein	62
5:42.49 Sean T Pendergast	50	■ 50 M. BACKSTROKE		28.74 Robert A Young	55	■ 200 M. FREESTYLE	
5:46.02 Kenton R Jones	52	29.03 STEVE WOOD	16	29.06 Jonathan G Foss	55	2:07.68 DAN STEPHENSON	17
5:47.80 Dan Borton	51	30.00 Steve Wood	59	29.16 Lars Farestvedt	55	2:12.73 Dan Stephenson	62
5:49.80 Samuel T McAdam	54	32.09 Al Jaegers	57	29.26 Doug Robertson	55	2:13.98 Greg C Scott	60
		32.36 Jeff Sargent	55	■ 100 M. BUTTERFLY		2:14.99 Tito Morales	60
		32.40 J Riblet	56	1:00.56 PAUL CARTER	12	2:17.39 Bruce D Young	62
		32.54 Larry H Neuman	56	1:03.25 Fred L Schuster	55	2:17.55 Thomas S Taylor	60
		32.59 Peter C Horwitz	55	1:04.23 Evan F Ekman	55	2:17.84 Trip Strauss	61
		32.94 Carl Haynie	59	1:04.35 Glenn S Dixon	55	2:20.48 Andy Dyer	61
		33.35 Scott Power	56	1:04.69 Steve Wood	59	2:20.81 Gary Schatz	64
		33.65 Hector Chao	55	1:06.18 David E Sims	57	2:21.41 Doug Kajiwarra	62
		34.00 Ron A Taylor	59	1:06.85 Lars Farestvedt	55	2:23.74 Scott D Shake	61
		■ 100 M. BACKSTROKE		1:09.04 J Riblet	56	■ 400 M. FREESTYLE	
		1:03.50 STEVE WOOD	15	1:09.26 Jon Boone	56	4:36.85 DAN STEPHENSON	17
		1:06.19 Steve Wood	59	1:09.76 Michael B Doyle	55	4:51.60 Trip Strauss	61
		1:09.86 Peter C Horwitz	55	1:09.82 Robert Czerwinski	56	4:53.07 Tito Morales	60
		1:10.29 Larry H Neuman	56	■ 200 M. BUTTERFLY		4:56.20 Jim Sauer	62
		1:10.55 J Riblet	56	2:18.37 DAVID SIMS	17	4:56.47 David L Zubero	60
		1:11.16 Hector Chao	55	2:26.70 Fred L Schuster	55	4:58.30 Franklin M Halley	62
		1:11.34 Carl Haynie	59	2:40.69 Michael B Doyle	55	4:58.59 Branch T Archer	60
						5:09.51 John R Morales	61

MEN 55-59

■ 50 M. FREESTYLE							
25.01 JACK GROSELLE	09						
25.52 Bryan R Tatterson	55						
26.14 Steve Wood	59						
26.35 Evan F Ekman	55						
26.45 Jerry M Kollross	57						
27.15 Steven E Kahl	57						
27.19 Doug Robertson	55						
27.31 Stephen Nichols	55						
27.33 Scott L Adair	56						
27.44 Andy Cook	55						
27.53 Robert A Young	55						

5:17.64 Steve Cutting	62	1:19.10 G Von Hoffmann	63	MEN 65-69	34.80 Peter R O'Keeffe	69	
5:17.68 Tim P Glenn	63	1:19.17 Thomas S Taylor	60		35.02 Eric D Van Boer	65	
5:17.84 Andy Dyer	61	1:21.56 Andy Dyer	61	■ 50 M. FREESTYLE	35.44 Jeffrey Lukens	66	
■ 800 M. FREESTYLE		1:21.64 Richard K Howell	60	26.21 DOUG MARTIN	18	35.69 Wes Edwards	66
9:29.70 ANDREW BRAY	18	1:22.29 Michael J Slowey	62	26.75 Doug Martin	66	36.25 Robert Wilson	68
10:09.71 Trip Strauss	61	1:22.62 Richard Neville	63	27.62 Jack R Groselle	65	36.46 John H Stanback	66
10:15.73 David L Zubero	60	1:22.74 Pat Meaney	61	27.79 Trip Hedrick	65	■ 100 M. BACKSTROKE	
10:29.31 Branch T Archer	60	■ 200 M. BREASTSTROKE		27.95 Tate Holt	68	1:09.79 HUGH WILDER	12
10:39.06 Greg Sanchez	62	2:40.46 RICK COLELLA	14	28.31 Barry Roth	65	1:10.90 Tom Wolf	65
10:51.96 John R Morales	61	2:53.60 Thomas S Taylor	60	28.41 Rick Colella	68	1:13.33 Bruce F Williams	66
10:54.88 John Holbeck	61	3:00.13 Andy Dyer	61	28.57 Larry B Krauser	66	1:13.86 Philipp A Djang	65
11:01.49 Andreas K Seibt	61	3:00.24 G Von Hoffmann	63	28.64 Donald Graham	65	1:13.94 Fred Ferroggiaro	66
11:02.64 Ross Myers	60	3:00.28 Tito Morales	60	28.71 Philipp A Djang	65	1:16.46 Eric D Van Boer	65
11:14.53 Bradley S Cahoon	64	3:02.51 Jim Matysek	60	28.77 Robert Wilson	68	1:16.66 Robert Wilson	68
11:14.71 Bob A Seagraves	63	3:02.60 Richard K Howell	60	■ 100 M. FREESTYLE		1:17.05 Wes Edwards	66
■ 1500 M. FREESTYLE		3:02.99 Andreas K Seibt	61	59.49 JACK GROSELLE	19	1:18.42 Peter R O'Keeffe	69
18:01.45 ANDREW BRAY	18	3:04.20 Bryan D Volpp	62	59.49 Jack R Groselle	65	1:18.87 Donald Graham	65
19:30.40 Doug Kajiware	62	3:08.32 Michael J Slowey	62	1:00.86 Rick Colella	68	1:19.51 John H Stanback	66
19:46.23 Greg Sanchez	62	3:08.99 Branch T Archer	60	1:02.07 Trip Hedrick	65	■ 200 M. BACKSTROKE	
19:54.41 Branch T Archer	60	■ 50 M. BUTTERFLY		1:03.80 Barry Roth	65	2:37.16 LAWRENCE DAY	18
20:30.93 John R Morales	61	27.85 TRIP HEDRICK	17	1:04.12 Larry B Krauser	66	2:37.50 Tom Wolf	65
20:38.14 Neil R Wasserman	64	28.52 Bruce C Kone	61	1:04.15 Tate Holt	68	2:39.02 Fred Ferroggiaro	66
20:42.09 John Holbeck	61	29.45 Gary Schatz	64	1:04.55 Doug Martin	66	2:44.72 Philipp A Djang	65
20:51.91 Paul W Denison	62	29.72 Jonathan E Klein	62	1:05.25 James S Thornton	67	2:52.10 John H Stanback	66
20:52.10 Andreas K Seibt	61	29.73 Richard Ruderman	61	1:05.47 Dean T Fochios	65	2:53.63 Jon C Rysdon	68
21:05.92 Steve Cutting	62	29.79 Jamie Fowler	60	1:06.68 Brad Gandee	65	2:53.93 Wes Edwards	66
21:12.25 Clay Gilbert	60	29.90 David L Zubero	60	■ 200 M. FREESTYLE		2:56.62 Donald Graham	65
■ 50 M. BACKSTROKE		30.21 Thomas S Taylor	60	2:09.39 RICK COLELLA	17	2:56.70 Jeffrey Lukens	66
30.59 JAMIE FOWLER	19	30.44 David Hildebrandt	64	2:16.86 Jack R Groselle	65	2:59.58 Phil L Dodson	66
30.59 Jamie Fowler	60	30.47 Bruce D Young	62	2:25.18 Larry B Krauser	66	2:59.76 Larry B Krauser	66
32.81 David L Zubero	60	30.73 Francisco J Parra	62	2:25.75 Tim Broderick	68	■ 50 M. BREASTSTROKE	
32.88 Jonathan E Klein	62	■ 100 M. BUTTERFLY		2:26.64 Fred Ferroggiaro	66	33.30 RICK COLELLA	16
33.08 Tito Morales	60	1:03.03 RICHARD ABRAHAMS	05	2:26.69 James S Thornton	67	33.66 Rick Colella	68
33.20 Bruce C Kone	61	1:07.61 Greg Sanchez	62	2:27.78 Rick B Walker	69	35.08 Neal L Vestal	65
33.26 Scott D Shake	61	1:08.76 Dan Stephenson	62	2:28.62 Dean T Fochios	65	35.32 Jack R Groselle	65
33.34 Bill A Brackett	61	1:09.32 Branch T Archer	60	2:30.79 Edward J Borsuk	66	35.35 Randy J Parker	65
33.76 Dan Stephenson	62	1:09.65 Franklin M Halley	62	2:32.06 Phil L Dodson	66	36.39 Harvey G Seybold	65
33.93 Doug Kajiware	62	1:12.03 Juan Cue	60	2:33.77 Mike J Ryder	65	36.40 Eric D Van Boer	65
33.99 Brent D Miller	60	1:13.41 Thomas S Taylor	60	■ 400 M. FREESTYLE		36.67 Clive G Edwards	66
■ 100 M. BACKSTROKE		1:13.51 Darrell J Smith	63	4:37.70 RICK COLELLA	17	36.82 Craig M Ottersen	67
1:06.08 JAMIE FOWLER	19	1:13.92 Tito Morales	60	5:00.50 Jeffrey Boatright	66	37.76 Robert Kelsoe	66
1:06.08 Jamie Fowler	60	1:13.94 Matt H Stevens	60	5:07.70 Fred Ferroggiaro	66	38.11 Robert Wilson	68
1:09.10 Jonathan E Klein	62	1:14.14 John R Morales	61	5:11.65 Rick B Walker	69	■ 100 M. BREASTSTROKE	
1:11.30 David L Zubero	60	■ 200 M. BUTTERFLY		5:14.98 Larry W Wood	65	1:14.77 RICK COLELLA	17
1:13.26 Tito Morales	60	2:29.05 LAWRENCE DAY	11	5:15.98 Tim Broderick	68	1:15.08 Rick Colella	68
1:13.49 Scott D Shake	61	2:29.88 Greg Sanchez	62	5:16.53 Mark E Modjeska	66	1:21.76 Neal L Vestal	65
1:14.19 Ross Myers	60	2:39.13 Branch T Archer	60	5:20.34 Edward J Borsuk	66	1:21.95 Jack R Groselle	65
1:16.09 Bryan D Volpp	62	2:39.21 Tito Morales	60	5:20.71 Mike J Ryder	65	1:22.78 Harvey G Seybold	65
1:16.18 Greg Sanchez	62	2:43.33 Franklin M Halley	62	5:24.57 Brad Gandee	65	1:23.21 Randy J Parker	65
1:16.34 Steve Cutting	62	2:47.85 Bill A Brackett	61	5:26.89 Barry Roth	65	1:25.01 Craig M Ottersen	67
1:16.38 Robert H Heath	62	2:54.18 Matt H Stevens	60	■ 800 M. FREESTYLE		1:26.21 Rick B Walker	69
■ 200 M. BACKSTROKE		2:55.15 John B Chambers	64	10:11.30 JIM MC CONICA	15	1:28.04 Clive G Edwards	66
2:26.12 JAMIE FOWLER	19	2:56.72 Andreas K Seibt	61	10:45.79 Rick B Walker	69	1:29.49 Robert Kelsoe	66
2:26.12 Jamie Fowler	60	2:57.54 Juan Cue	60	10:53.17 Mark E Modjeska	66	1:30.55 Jim Clemmons	69
2:34.18 Jonathan E Klein	62	3:00.05 John Holbeck	61	10:55.65 Larry B Krauser	66	■ 200 M. BREASTSTROKE	
2:36.64 David L Zubero	60	■ 200 M. INDIVIDUAL MEDLEY		10:56.82 Fred Ferroggiaro	66	2:41.54 RICK COLELLA	16
2:36.75 Tito Morales	60	2:21.99 RICK COLELLA	14	10:56.84 Larry W Wood	65	3:05.43 Neal L Vestal	65
2:37.74 Bill A Brackett	61	2:30.98 Tito Morales	60	11:00.86 Tim Broderick	68	3:11.93 Harvey G Seybold	65
2:37.86 Scott D Shake	61	2:35.03 Dan Stephenson	62	11:01.05 Mike J Ryder	65	3:14.13 Jim Clemmons	69
2:39.65 Greg Sanchez	62	2:36.67 Doug Kajiware	62	11:09.96 Barry Roth	65	3:15.15 Tim Broderick	68
2:39.78 Ross Myers	60	2:36.72 David L Zubero	60	11:14.51 Edward J Borsuk	66	3:23.09 William Lauritzen	68
2:40.04 Doug Kajiware	62	2:37.10 Bruce D Young	62	11:21.64 Robert E Wright	65	3:26.52 Clive G Edwards	66
2:42.82 Branch T Archer	60	2:37.32 Franklin M Halley	62	■ 1500 M. FREESTYLE		3:30.94 Lee H MacDonald	67
■ 50 M. BREASTSTROKE		2:38.13 Greg Sanchez	62	19:33.36 JIM MC CONICA	15	3:32.48 Wes Edwards	66
32.87 TIMOTHY SHEAD	12	2:39.01 Andy Dyer	61	20:21.11 Fred Ferroggiaro	66	3:34.90 David Johannsen	65
33.51 Gary L Patterson	60	2:39.79 Andreas K Seibt	61	20:35.27 Rick B Walker	69	3:37.08 Michael J Barry	69
33.85 Richard Neville	63	2:42.48 Bryan D Volpp	62	20:35.33 Mark E Modjeska	66	■ 50 M. BUTTERFLY	
33.93 Greg C Scott	60	■ 400 M. INDIVIDUAL MEDLEY		21:06.26 Tim Broderick	68	28.66 TRIP HEDRICK	19
34.20 Andy Dyer	61	5:08.20 RICK COLELLA	14	21:19.51 Mike J Ryder	65	28.66 Trip Hedrick	65
34.71 Bruce C Kone	61	5:28.47 Tito Morales	60	21:32.58 Robert E Wright	65	30.15 Rick Colella	68
35.03 Pat Meaney	61	5:36.28 Greg Sanchez	62	21:49.70 Jim Clemmons	69	30.32 Doug Martin	66
35.12 Donny W Smith	60	5:38.79 Branch T Archer	60	22:17.50 James Ryan	67	30.35 Jack R Groselle	65
35.66 Michael J Slowey	62	5:39.02 Jim Sauer	62	23:04.84 Walter D Hitch	67	30.65 Donald Graham	65
35.95 Henry Vehovec	61	5:40.17 Franklin M Halley	62	23:14.41 Mark Buckley	66	31.48 John T Foote	69
35.97 Richard K Howell	60	5:44.22 Andreas K Seibt	61	■ 50 M. BACKSTROKE		31.76 Peter R O'Keeffe	69
■ 100 M. BREASTSTROKE		5:52.01 Scott D Shake	61	30.95 HUGH WILDER	12	31.78 Robert Kelsoe	66
1:13.38 RICK COLELLA	13	5:55.47 John R Morales	61	32.78 Tom Wolf	65	31.87 Eric D Van Boer	65
1:16.75 Gary L Patterson	60	5:56.42 John Holbeck	61	32.93 Philipp A Djang	65	32.12 Neal L Vestal	65
1:17.94 Greg C Scott	60	5:56.87 Bryan D Volpp	62	33.14 Bruce F Williams	66		
1:18.36 Donny W Smith	60			34.58 Donald Graham	65		

■ 100 M. BUTTERFLY			2:29.88 Glenn A Gruber	70	■ 50 M. BREASTSTROKE			3:11.58 John W Radimer	70
1:05.83 RICK COLELLA	17		2:32.02 Hubie Kerns	70	36.57 PEDER DAHLBERG	19		3:17.62 Steven B Peterson	73
1:09.95 Jack R Groselle	65		2:34.49 Steven V Heck	70	36.57 Peder Dahlberg	70		3:19.60 Douglas Springer	73
1:14.03 Donald Graham	65		2:34.50 Julian Sapirstein	70	37.75 Allen L Stark	70		3:24.23 Nick Douglass	70
1:14.66 Phil L Dodson	66		2:35.35 Lee Childs	71	39.44 Rodney Cargill	73	■ 400 M. INDIVIDUAL MEDLEY		
1:17.26 Robert Kelsoe	66		2:36.35 Bob E Couch	72	39.57 Douglas Springer	73	6:01.90 ALEK SHESTAKOV	19	
1:17.61 Bill Struckell	66		2:42.16 James R DeLacy	73	39.84 Hubie Kerns	70	6:01.90 Alek I Shestakov	70	
1:19.35 Robert Wilson	68		2:46.08 J Nathan Leech	70	39.87 Clay A Kolar	70	6:06.99 Hubie Kerns	70	
1:19.86 Mark E Modjeska	66	■ 400 M. FREESTYLE			40.14 Andrew McPherson	72	6:22.62 Steven V Heck	70	
1:20.71 Robert B Jones	68	5:03.56 DAN KIRKLAND	18		40.61 A Moskovits	70	6:41.14 Lee Childs	71	
1:22.01 Mark Buckley	66	5:16.42 Hubie Kerns	70	■ 100 M. BREASTSTROKE			6:47.05 Stan R LeMaster	72	
1:23.78 Doug Brockbank	66	5:16.85 Dan L Kirkland	71	1:21.98 PEDER DAHLBERG	19		6:50.72 J Nathan Leech	70	
■ 200 M. BUTTERFLY			5:28.33 Alek I Shestakov	70	1:21.98 Peder Dahlberg	70	6:59.91 Bruce W Rollins	70	
2:33.40 LAWRENCE DAY	16	5:33.48 Alan D Bernard	70	1:24.33 Allen L Stark	70		7:09.78 Douglas Springer	73	
2:51.29 Mark E Modjeska	66	5:35.98 Glenn A Gruber	70	1:29.04 Hubie Kerns	70		7:23.04 Nick Douglass	70	
2:57.47 Phil L Dodson	66	5:39.05 Bob E Couch	72	1:30.40 Steven V Heck	70		7:27.79 Rich Bernstein	73	
3:03.64 Fred Ferrogiaro	66	5:40.43 Marvin B Schwartz	71	1:31.17 Robert A Heacock	70	MEN 75-79			
3:07.16 Larry W Wood	65	5:42.59 Lee Childs	71	1:32.58 Gary T Fitschen	74	■ 50 M. FREESTYLE			
3:08.37 Robert E Wright	65	5:48.91 J Nathan Leech	70	1:32.87 Steven B Peterson	73	29.19 DAVID QUIGGIN	19		
3:17.32 William W Reeves	66	5:50.83 Stan R LeMaster	72	1:34.82 Clay A Kolar	70	29.19 David Quiggin	75		
3:30.37 William Lauritzen	68	■ 800 M. FREESTYLE			1:36.74 Bruce W Rollins	70	29.60 Richard Burns	76	
3:31.34 Michael J Barry	69	10:37.71 DAN KIRKLAND	18	1:37.58 A Moskovits	70	30.96 James E Elder	76		
3:34.72 Bill G Behun	68	10:50.28 Dan L Kirkland	71	■ 200 M. BREASTSTROKE			31.61 Robert T Pilger	76	
3:38.58 Valdis Jurka	69	10:58.37 Hubie Kerns	70	3:06.10 ALLEN STARK	19		32.12 Tony Ralphs	76	
■ 200 M. INDIVIDUAL MEDLEY			11:51.12 Bob E Couch	72	3:07.17 Peder Dahlberg	70	32.18 Jim Dragon	75	
2:25.22 RICK COLELLA	16	11:54.65 Marvin B Schwartz	71	3:15.73 Hubie Kerns	70	32.30 Peter Andersen	76		
2:42.68 Jeffrey Boatright	66	11:55.89 Mike Sherrill	70	3:20.15 Gary T Fitschen	74	33.79 Mike R Freshley	78		
2:48.05 Robert Wilson	68	11:59.46 Stan R LeMaster	72	3:21.48 Steven V Heck	70	34.90 David R Gildea	76		
2:48.54 Tim Broderick	68	12:23.17 Edward Rudloff	72	3:24.74 Douglas Springer	73	34.91 Robert H Olson	75		
2:53.85 Phil L Dodson	66	12:48.23 Marc S Anderson	70	3:26.69 Stan R LeMaster	72	■ 100 M. FREESTYLE			
2:54.08 Donald Graham	65	12:48.74 Rich Bernstein	73	3:27.14 Steven B Peterson	73	1:06.55 RICHARD BURNS	19		
2:54.11 Jim Clemmons	69	12:58.25 Julian Sapirstein	70	3:31.33 J Nathan Leech	70	1:06.55 Richard Burns	76		
2:54.37 Craig M Ottersen	67	■ 1500 M. FREESTYLE			3:38.34 George F Wendt	72	1:07.42 David Quiggin	75	
2:56.46 Neal L Vestal	65	20:26.12 DAN KIRKLAND	18	■ 50 M. BUTTERFLY			1:12.34 Tony Ralphs	76	
2:58.08 John H Stanback	66	20:55.40 Dan L Kirkland	71	30.06 RICHARD ABRAHAMS	15	1:12.41 James E Elder	76		
2:59.48 Robert Kelsoe	66	21:36.26 Hubie Kerns	70	31.47 Lee Childs	71	1:16.16 Peter Andersen	76		
■ 400 M. INDIVIDUAL MEDLEY			23:10.22 Edward Rudloff	72	31.94 Steven V Heck	70	1:17.40 Robert T Pilger	76	
5:13.36 RICK COLELLA	17	24:16.66 Gaard Arneson	71	31.95 Andrew McPherson	72	1:18.77 Eric R Anderson	75		
5:52.40 Jeffrey Boatright	66	24:29.02 Marc S Anderson	70	31.96 Glenn A Gruber	70	1:19.84 Mike R Freshley	78		
6:01.37 Tim Broderick	68	24:48.39 Julian Sapirstein	70	33.07 Hubie Kerns	70	1:20.23 Ed Reed	76		
6:09.16 Larry W Wood	65	24:49.85 Donn Livoni	73	34.46 Alan D Bernard	70	1:22.06 David R Gildea	76		
6:17.57 Jim Clemmons	69	25:37.11 Jack Cothren	70	34.67 Robert A Heacock	70	■ 200 M. FREESTYLE			
6:20.31 Phil L Dodson	66	26:00.01 Mark T Ebel	71	35.81 Robin T Kleffman	72	2:25.66 DAVID RADCLIFF	09		
6:30.18 William W Reeves	66	27:11.08 Richard D Norton	71	36.05 John W Radimer	70	2:40.66 David Quiggin	75		
6:32.32 William Lauritzen	68	■ 50 M. BACKSTROKE			36.96 Jack Cothren	70	2:43.44 Tony Ralphs	76	
6:34.98 Robert E Wright	65	33.58 HUGH WILDER	17	■ 100 M. BUTTERFLY			2:43.44 Ed Reed	76	
6:38.18 Craig M Ottersen	67	35.21 Steven V Heck	70	1:12.43 M SCHLICHER	18	2:43.92 Richard Burns	76		
6:48.60 Stuart L Kahn	66	36.25 Robert A Heacock	70	1:19.14 Hubie Kerns	70	2:58.56 Eric R Anderson	75		
MEN 70-74			37.32 Hubie Kerns	70	1:19.43 Lee Childs	71	3:02.53 Peter Andersen	76	
■ 50 M. FREESTYLE			37.69 Andrew McPherson	72	1:20.11 Alan D Bernard	70	3:04.64 Howard Rolston	79	
27.71 RICHARD ABRAHAMS	15	38.22 Joe Reid	71	1:23.88 Glenn A Gruber	70	3:06.44 Keefe L Ludwig	76		
29.25 Glenn A Gruber	70	38.51 Mike Selna	71	1:27.26 Steven V Heck	70	3:11.46 Laurence Walker	76		
29.31 Lee Childs	71	38.69 Jay Brzezinski	72	1:30.73 Bruce W Rollins	70	3:13.97 Mervyn E Goldbas	77		
30.07 Richard Abrahams	74	39.73 Bob E Couch	72	1:41.37 Stan R LeMaster	72	■ 400 M. FREESTYLE			
30.11 Andrew McPherson	72	39.91 Steven G Wigely	70	1:42.46 Jack Cothren	70	5:17.77 DAVID RADCLIFF	09		
30.25 Robert A Heacock	70	40.10 Marc S Anderson	70	1:45.19 Mark T Ebel	71	5:40.14 David Quiggin	75		
30.36 Chris A Hasset	70	■ 100 M. BACKSTROKE			1:48.96 James S Spiegel	72	5:46.08 Richard Burns	76	
30.42 Alan D Bernard	70	1:13.49 HUGH WILDER	17	■ 200 M. BUTTERFLY			5:49.68 Tony Ralphs	76	
30.56 Marc S Anderson	70	1:18.10 Steven V Heck	70	2:53.43 FRED SCHLICHER	18	5:54.26 Ed Reed	76		
30.95 Steven V Heck	70	1:19.30 Dan L Kirkland	71	3:01.21 Hubie Kerns	70	6:26.75 Eric R Anderson	75		
31.03 Hubie Kerns	70	1:21.23 Joe Reid	71	3:14.98 Alan D Bernard	70	6:38.47 Mike R Freshley	78		
■ 100 M. FREESTYLE			1:21.44 Hubie Kerns	70	3:15.22 Douglas Springer	73	7:01.08 Bill Dawson	77	
1:03.32 DAVID QUIGGIN	15	1:22.84 Robert A Heacock	70	3:23.30 Bruce W Rollins	70	7:05.67 Laurence Walker	76		
1:05.98 Glenn A Gruber	70	1:23.54 Mike Selna	71	3:30.87 Stan R LeMaster	72	7:22.84 Phil Hengen	75		
1:06.75 Lee Childs	71	1:27.39 Jay Brzezinski	72	4:19.61 Craig A Shaffer	73	7:32.17 George L Carey	77		
1:06.81 Alan D Bernard	70	1:29.50 Daniel Kornblatt	70	4:33.60 John V Zeigler	74	■ 800 M. FREESTYLE			
1:08.60 Andrew McPherson	72	1:30.21 Marc S Anderson	70	4:41.22 Laurence Paulson	70	11:07.90 DAVID RADCLIFF	09		
1:08.73 Bob E Couch	72	1:30.52 Rick R Spencer	71	4:49.16 Ralph G Brindis	70	12:32.60 David Quiggin	75		
1:09.02 Steven V Heck	70	■ 200 M. BACKSTROKE			5:27.70 Henry E Mcredy	73	12:33.83 Tony Ralphs	76	
1:09.03 Julian Sapirstein	70	2:44.59 RICHARD BURNS	13	■ 200 M. INDIVIDUAL MEDLEY			13:34.48 Eric R Anderson	75	
1:09.84 Chris A Hasset	70	2:49.31 Dan L Kirkland	71	2:47.63 HUBIE KERNS	19	14:06.36 Bill Dawson	77		
1:10.06 James R DeLacy	73	2:54.19 Steven V Heck	70	2:47.63 Hubie Kerns	70	14:27.64 Dick Hutchings	78		
1:10.77 Hubie Kerns	70	2:55.84 Hubie Kerns	70	2:52.31 Steven V Heck	70	15:33.18 Mervyn E Goldbas	77		
■ 200 M. FREESTYLE			3:00.22 Joe Reid	71	2:57.43 Lee Childs	71	15:40.28 Dave N Noble	76	
2:23.30 FRED SCHLICHER	18	3:03.26 Mike Selna	71	3:00.46 Bob E Couch	72	15:41.35 Lawrence Mueller	75		
2:27.26 Alan D Bernard	70	3:13.58 J Nathan Leech	70	3:05.14 Stan R LeMaster	72	15:58.18 George L Carey	77		
2:28.26 Dan L Kirkland	71	3:15.08 Rick R Spencer	71	3:11.34 J Nathan Leech	70	16:15.81 Michael C Nordby	78		
		3:18.58 Michael McColly	74						
		3:19.48 Frank Warner	70						
		3:23.24 Marvin B Schwartz	71						

■ 1500 M. FREESTYLE		4:24.86 Raymond Hamilton	76	1:45.75 Peter Parsons	82	4:50.09 Hershel P Glanz	81
21:03.06 DAVID RADCLIFF	09	4:25.58 Allen K Murray	75	■ 200 M. FREESTYLE		5:11.98 George D Thayer	83
23:23.92 David Quiggin	75	4:26.19 David C Arlander	78	2:40.22 DAVID RADCLIFF	14	5:19.98 David Gladfelter	83
23:43.63 Tony Ralphs	76	4:28.14 John T Pohlmann	76	3:07.56 William Van Horn	81	■ 50 M. BREASTSTROKE	
26:32.63 Bill Dawson	77	■ 50 M. BUTTERFLY		3:11.82 Ami A Trauber	80	44.41 BOB BEST	12
29:14.01 Mervyn E Goldbas	77	32.17 RICHARD BURNS	18	3:42.70 Cav Cavanaugh	84	47.09 Ronald K Nakata	80
29:23.52 George L Carey	77	32.72 Richard Burns	76	3:44.41 Robert F Norris	81	49.44 Jack C Fleming	84
29:41.79 Dave N Noble	76	33.26 Jim Dragon	75	3:46.86 Sid Hall	84	49.67 Jeff Farrell	82
29:49.38 Phil Hengen	75	35.44 James E Elder	76	3:48.46 Ed V Lane	80	52.23 Karl E Wiedemann	81
29:59.87 George V Goff	75	36.98 Robert H Olson	75	3:48.56 Laurance O Hill	81	52.46 William W Haines	82
30:14.59 Jim Carroll	75	37.87 Robert T Pilger	76	3:48.91 William Fleming	84	1:02.60 Hans D Wendel	83
30:28.73 Robert Bergstrom	78	39.08 Dave N Noble	76	3:50.21 Jerry A Katz	81	1:02.73 Jerry A Katz	81
■ 50 M. BACKSTROKE		39.67 Ed Reed	76	4:00.11 M Stollmeyer	82	1:06.16 John N Trainer	82
34.45 RICHARD BURNS	18	43.62 Charles Shedd	75	■ 400 M. FREESTYLE		1:08.54 James F Browne	81
34.70 Richard Burns	76	46.79 Mike R Freshley	78	5:45.21 DAVID RADCLIFF	15	1:09.09 Michael A Dively	81
41.13 Tony Ralphs	76	46.80 Tony Ralphs	76	6:47.98 William Van Horn	81	■ 100 M. BREASTSTROKE	
41.16 Howard Rolston	79	■ 100 M. BUTTERFLY		6:49.12 Ami A Trauber	80	1:40.90 DAVID COSTILL	17
42.15 Bob Welty	75	1:20.68 RICHARD BURNS	18	7:29.25 Alex Fisher	80	1:53.24 Ronald K Nakata	80
42.80 David Quiggin	75	1:22.59 Richard Burns	76	7:34.61 Laurance O Hill	81	1:59.60 Jack C Fleming	84
43.67 Laurence Walker	76	1:39.95 James E Elder	76	7:36.80 David M Fairfield	80	2:03.45 William Van Horn	81
43.89 George V Goff	75	1:45.32 David R Gildea	76	7:48.00 Ed V Lane	80	2:05.46 Karl E Wiedemann	81
45.35 David W Oakes	79	1:46.31 Mike R Freshley	78	7:50.67 Sid Hall	84	2:09.49 William W Haines	82
45.49 Thomas D Boak	76	1:49.19 Ed Reed	76	7:58.99 Robert F Norris	81	2:27.75 Michael A Dively	81
47.11 Walt E Reid	79	1:54.54 Eliot Winokur	75	8:01.75 William Fleming	84	2:33.24 Don G Nelson	81
■ 100 M. BACKSTROKE		2:21.53 Raymond Hamilton	76	8:20.64 M Stollmeyer	82	2:34.83 Barry A Fasnabender	82
1:17.17 RICHARD BURNS	18	2:34.27 Martin R Hahn	78	■ 800 M. FREESTYLE		2:37.57 Martin Hollander	80
1:18.36 Richard Burns	76	■ 200 M. BUTTERFLY		11:49.29 DAVID RADCLIFF	14	2:38.56 Douglas J Goode	80
1:33.76 David Quiggin	75	3:18.12 RICHARD KITCHELL	15	14:14.22 William Van Horn	81	■ 200 M. BREASTSTROKE	
1:33.89 Howard Rolston	79	3:54.62 Erik Lokensgard	77	14:43.54 Ami A Trauber	80	3:43.98 DAVID COSTILL	17
1:34.92 Laurence Walker	76	4:04.42 David R Gildea	76	15:46.31 Laurance O Hill	81	4:10.14 Ronald K Nakata	80
1:35.43 Tony Ralphs	76	4:14.68 Eliot Winokur	75	16:13.90 Ed V Lane	80	4:35.45 Jack C Fleming	84
1:36.44 Bob Welty	75	4:38.42 Phil Hengen	75	16:45.17 William Fleming	84	4:41.32 Karl E Wiedemann	81
1:41.98 Eric R Anderson	75	5:22.05 Martin R Hahn	78	16:52.95 M Stollmeyer	82	4:47.71 William W Haines	82
1:42.44 George V Goff	75	■ 200 M. INDIVIDUAL MEDLEY		17:03.14 Alex Fisher	80	4:54.13 Ed V Lane	80
1:44.66 David W Oakes	79	2:57.66 RICHARD BURNS	19	17:05.04 Barry A Fasnabender	82	5:14.19 Max E Zollner	81
1:45.08 Thomas D Boak	76	2:57.66 Richard Burns	76	17:30.03 Robert F Norris	81	5:22.76 Hans D Wendel	83
■ 200 M. BACKSTROKE		3:16.74 Ed Reed	76	18:06.52 Herb Chuven	80	5:30.12 Don G Nelson	81
2:50.25 RICHARD BURNS	18	3:26.17 Mike R Freshley	78	■ 1500 M. FREESTYLE		5:33.33 Barry A Fasnabender	82
2:53.30 Richard Burns	76	3:29.34 James E Elder	76	22:16.90 DAVID RADCLIFF	14	6:21.72 John C Medici	81
3:24.73 Bob Welty	75	3:34.77 Eric R Anderson	75	31:05.01 Ed V Lane	80	■ 50 M. BUTTERFLY	
3:30.01 Tony Ralphs	76	3:40.12 Tony Ralphs	76	32:08.87 Barry A Fasnabender	82	38.75 CLARKE MITCHELL	13
3:47.76 David R Gildea	76	3:43.27 Robert T Pilger	76	32:30.99 Robert F Norris	81	49.24 Jeff Farrell	82
3:48.67 Peter R Betzer	77	3:49.59 Bob Welty	75	35:06.37 Nick Nobbe	81	49.57 Jack C Fleming	84
3:56.20 George V Goff	75	3:50.76 Artie Wolfe	79	35:06.73 Herb Chuven	80	57.86 William Van Horn	81
3:57.60 Michael C Nordby	78	4:00.84 Jim Carroll	75	35:39.09 Peter Parsons	82	59.68 Ronald K Nakata	80
4:08.80 Artie Wolfe	79	■ 400 M. INDIVIDUAL MEDLEY		37:33.67 Max E Zollner	81	1:00.59 Jerry A Katz	81
4:09.78 Sandy G Thatcher	76	6:34.91 MIKE FRESHLEY	16	45:04.26 David Gladfelter	83	1:08.54 James F Browne	81
4:14.06 David W Sanchez	76	7:08.56 Ed Reed	76	■ 50 M. BACKSTROKE		1:42.40 Mark Braly	84
■ 50 M. BREASTSTROKE		7:34.17 Mike R Freshley	78	39.18 YOSHI OYAKAWA	15	■ 100 M. BUTTERFLY	
38.89 MIKE FRESHLEY	16	7:42.02 Erik Lokensgard	77	44.79 William Van Horn	81	1:38.45 DAVID COSTILL	17
41.57 Peter Andersen	76	8:22.31 Eliot Winokur	75	45.89 Jeff Farrell	82	2:05.18 William Van Horn	81
41.66 Ed Reed	76	8:50.67 Phil Hengen	75	46.20 John C Smith	81	2:13.17 Jack C Fleming	84
41.79 Jim Dragon	75	9:46.68 Raymond Hamilton	76	47.99 Ronald K Nakata	80	3:23.49 James F Browne	81
42.35 David R Gildea	76	11:16.07 Martin R Hahn	78	48.32 Laurance O Hill	81	■ 200 M. BUTTERFLY	
42.88 Dave N Noble	76			49.05 Mel E Goldstein	81	3:54.51 THOMAS MAINE	06
44.54 Mike R Freshley	78			49.06 Robert F Norris	81	5:12.49 Jack C Fleming	84
45.42 Richard Burns	76			52.61 John N Trainer	82	■ 200 M. INDIVIDUAL MEDLEY	
46.78 Jose Fuenmayor	75			53.11 William W Haines	82	3:24.82 DAVID COSTILL	17
46.92 Thomas D Boak	76			55.13 Pete Magee	82	3:42.16 William Van Horn	81
47.96 William L Porter	75			■ 100 M. BACKSTROKE		3:44.86 Jeff Farrell	82
■ 100 M. BREASTSTROKE				1:29.06 DAVID COSTILL	17	3:53.76 Ronald K Nakata	80
1:27.74 MIKE FRESHLEY	16			1:39.87 William Van Horn	81	5:08.14 James F Browne	81
1:33.91 Peter Andersen	76			1:43.04 Laurance O Hill	81	5:27.95 Max E Zollner	81
1:35.87 Mike R Freshley	78			1:48.35 Robert F Norris	81	5:53.09 David Gladfelter	83
1:36.26 David R Gildea	76			1:53.32 William Fleming	84	7:41.68 Mark Braly	84
1:48.01 Thomas D Boak	76			1:57.13 Mel E Goldstein	81	■ 400 M. INDIVIDUAL MEDLEY	
1:49.45 Ed Reed	76			2:07.00 Hershel P Glanz	81	7:17.96 DAVID COSTILL	17
1:49.68 Jose Fuenmayor	75			2:07.30 Everett Smethurst	84	9:17.75 William Van Horn	81
1:52.44 Tony Riker	75			2:08.04 Barry A Fasnabender	82	12:50.97 David Gladfelter	83
1:53.75 Charles Shedd	75			2:09.65 William W Haines	82		
1:54.35 Bob Welty	75			2:13.25 John N Trainer	82		
1:55.79 William S Wallace	75			■ 200 M. BACKSTROKE			
■ 200 M. BREASTSTROKE				3:15.04 DAVID COSTILL	17		
3:13.93 MIKE FRESHLEY	16			3:41.28 Laurance O Hill	81		
3:33.76 Mike R Freshley	78			3:53.86 Robert F Norris	81		
3:38.30 Ed Reed	76			4:04.16 William Van Horn	81		
3:44.52 Peter Andersen	76			4:05.73 William Fleming	84		
4:09.62 Tony Riker	75			4:26.53 David M Fairfield	80		
4:22.41 Doug Fletcher	77			4:29.34 Barry A Fasnabender	82		
4:24.81 Lawrence Mueller	75			4:34.15 Max E Zollner	81		

WOMEN'S RELAYS					
200 M. FREE REL WOMEN 72+			Kenzie Tolan 27	SFTL 2:10.97	ALICIA UHL
FT LAUDERDALE AQ 1:53.83 09			Claire E Tolan 24	Jamie L Marks 31	ERIKA BRAUN
NATALIE PIKE			PALM 5:22.14	Mariela Guerra 30	SFTL 2:04.27
MEAGHAN BRESNAHAN			Mary Gardner 27	Elizabeth Zubero 21	Mallory E Watson 33
KATE ALYABYEVA			Olivia Scoggins 18	J Lorda Taylor 23	Tatiana B Barbosa 40
JENNIFER MARTIN			Paige Fetchen 21	ROSE 2:12.34	Kathleen Sandner 42
SDSM 1:58.64			Courtney Fetchen 24	Lauren Turner 27	Amanda Singleton 30
Grace Thrasher 20			400 M. MEDLEY R WOMEN 72+	Maria Carlson 24	ROSE 2:05.76
Lia Lombardi 24			LAS VEGAS MASTER 4:52.87 10	Stefanie Capizzi 32	Stefanie Capizzi 32
Emily S Parker 34			SAMANTHA PEARSON	Lauren Frendreis 30	Elizabeth Jenkins 32
Kate Eisenbraun 19			CHRISTINE SMITH	AMV 2:29.41	Meghan ODonnell 36
AMV 1:59.57			MEGAN KELLEY	Amy M Burrola 26	Karen Younkens 33
Alex Bae 24			SHANNON COLAVITO	Allison TerBush 29	SDSM 2:07.25
E Christiansen 22			PALM 5:58.86	Kaitlyn Jones 25	Makiko Maemoto 41
Amy M Burrola 26			Olivia Scoggins 18	Alex Bae 24	Kara W Barnett 47
Kaitlyn Jones 25			Katriel Kasperski 23	TFAM 2:43.93	Maya M Holay 24
MINN 2:01.75			Mary Gardner 27	D McDonough 31	Laurel Ball 28
Alaina Friske 19			Courtney Fetchen 24	Ashleigh R Gaulke 33	SKY 2:12.04
Meghan A Kratz 22			800 M. FREE REL WOMEN 72+	Jamie Wilson 23	Katrina B Edwards 28
Kenzie Tolan 27			LAS VEGAS MASTER 9:33.71 10	Lyndsie R Ivie 25	Sydney M Doctor 39
Claire E Tolan 24			MEGAN KELLEY	GOLD 5:18.28	Karen G Reynolds 33
PALM 2:19.37			CHRISTINE SMITH	Carolina M Rosset 23	Abica Dubay 34
Mary Gardner 27			SHANNON COLAVITO	Victoria Santiago 19	AMV 2:13.03
Olivia Scoggins 18			SAMANTHA PEARSON	Edymar Uzcategui 35	Michele R Supance 35
Paige Fetchen 21			No Relays	Ximena O Vidaurre 38	Katherine Horvath 45
Courtney Fetchen 24			200 M. FREE REL WOMEN 100+	400 M. FREE REL WOMEN 100+	Lauren Nyberg 19
200 M. MEDLEY R WOMEN 72+			ARIZONA MASTERS 1:50.04 11	WOODLANDS MASTER 4:19.02 09	Allison TerBush 29
FT LAUDERDALE AQ 2:08.86 09			KELLY HARRIGAN	LAURA KOCH DAVIS	GS 2:15.08
NATALIE PIKE			BREEJA LARSON	JACLYN KENLINE	M Carpenter 40
MEAGHAN BRESNAHAN			LINDSEY URBATCHKA	ALANA BERGFELD	Nicole M Smith 37
KATE ALYABYEVA			HANNAH CALDAS	RACHEL ARMSTRONG	Rachel Wrenn 25
JENNIFER MARTIN			SFTL 1:54.70	USF 5:11.90	Molly C Marett 27
DAM 2:11.59			Elizabeth Zubero 21	Heather Chen 23	AMV 2:17.15
Tara K Halsted 24			Mariela Guerra 30	Madeleine Gesell 19	Audrey Viers 36
Vivian A Crow 22			Jamie L Marks 31	Ghislaine Maze 45	Cailyn J Bugbee 31
LillyBelle K Deer 26			J Lorda Taylor 23	Stephanie Doi 25	Madeleine Monge 26
Laurel Krovetz 19			ROSE 1:55.81	TFAM 5:46.60	K Cunningham 39
NOVA 2:20.88			Lauren Frendreis 30	D McDonough 31	BWAQ 2:25.24
Emily L Taifer 23			Lauren Turner 27	Ashleigh R Gaulke 33	Tori Head 25
Rachel Weinstein 26			Maria Carlson 24	Lyndsie R Ivie 25	Chelsea Chan 27
C Feltenberger 23			Kendra E Wilson 38	Jamie Wilson 23	Stribling Geldien 39
Kennedy Hood 20			USF 2:06.31	400 M. MEDLEY R WOMEN 100+	Nellis Y Kim 49
AMV 2:22.19			Heather Chen 23	YMCA INDY SWIMFI 4:49.16 09	TFAM 2:52.03
Allison TerBush 29			Christine Chu 26	BROOKE TAFLINGER	Lauren Van Allen 39
Lauren Nyberg 19			Kristina Petrakis 30	CLARE HINE	Erin M Roehrig 28
Madeline Monge 26			Danae Petrakis 27	JENNY WEAVER	S Hengstenberg 39
Kaitlyn Jones 25			NOVA 2:07.25	MEGAN SOBECKI	Meredith H Kelly 40
AMV 2:26.04			C Feltenberger 23	USF 5:15.82	GOLD 2:56.11
Heidi Zuniga 24			Emily L Taifer 23	Heather Chen 23	Victoria Santiago 19
E Christiansen 22			Rachel Weinstein 26	Kristina Petrakis 30	Ximena O Vidaurre 38
Emilie Schneider 20			Jennifer Edgar 39	Danae Petrakis 27	Karevy J Prieto 41
Alex Bae 24			AMV 2:07.62	Claire Stokes 30	Carolina M Rosset 23
USF 2:33.35			Alex Bae 24	SBM 5:21.57	200 M. MEDLEY R WOMEN 120+
Heather Chen 23			Allison TerBush 29	Bailey Likewise 25	GOLD COAST MASTE 2:04.19 98
Stephanie Doi 25			Amy M Burrola 26	Melissa Knell 25	BETH GARDNER
Claire Stokes 30			Kaitlyn Jones 25	Brittany Parish 30	SUSIE GEYER
Madeleine Gesell 19			NASH 2:10.12	Darlene Krohn 38	TRACIE MOLL
PALM 2:40.58			Haley Ramsey 25	TFAM 5:58.82	JAMIE HERRINGTON
Mary Gardner 27			Celeste J Simon 34	D McDonough 31	SBM 2:13.62
Katriel Kasperski 23			S Carpenter 28	Ashleigh R Gaulke 33	A Binder Brown 34
Olivia Scoggins 18			Jessica Cutler 27	Jamie Wilson 23	Melissa Knell 25
Courtney Fetchen 24			TFAM 2:31.41	Lyndsie R Ivie 25	Jill C Jones 27
400 M. FREE REL WOMEN 72+			Ashleigh R Gaulke 33	800 M. FREE REL WOMEN 100+	Darlene Krohn 38
LAS VEGAS MASTER 4:19.34 10			Lyndsie R Ivie 25	SAN DIEGO SWIM M 9:32.67 12	SPM 2:17.62
SHANNON COLAVITO			D McDonough 31	EMILY FINANGER	Paula M Texel 49
CHRISTINE SMITH			Jamie Wilson 23	ERIN HUNTER	Henrietta Szeredi 43
MEGAN KELLEY			200 M. MEDLEY R WOMEN 100+	KENDRA KSIAZEK	Chelsea B Nauta 31
SAMANTHA PEARSON			ARIZONA MASTERS 2:01.91 11	EMILY PARKER	Tiffany F Weidner 34
MINN 4:28.91			KELLY HARRIGAN	No Relays	SDSM 2:22.32
Alaina Friske 19			BREEJA LARSON	200 M. FREE REL WOMEN 120+	Emily S Parker 34
Meghan A Kratz 22			LINDSEY URBATCHKA	N CAROLINA MASTE 1:50.53 13	Makiko Maemoto 41
			HANNAH CALDAS	RUTH JONES	Kate Eisenbraun 19
				CELIA WOLFF	Laurel Ball 28
					SFTL 2:22.55
					Mallory E Watson 33
					Tatiana B Barbosa 40
					Katie Martin 36
					Heather B Congdon 41

ROSE	2:27.32	800 M. FREE REL WOMEN 120+	BETSY CLEARY	MVN	5:40.28
Karen Younkins	33		COLLETTE SAPPEY	E Christiansen	22
Kate Chambers	44	GOLD COAST MASTE 9:41.97 99	PALM	Jennifer Mundl	43
Judy Ho	34	TRACIE MOLL	Jessica Ballard	Lisa W Zawistoski	50
Elizabeth Jenkins	32	G DERKS-GARDNER	Stacey L Bruce	Julie A Malley	52
GS	2:30.62	JAMIE HERRINGTON	Erin C Moro		
Molly C Maret	27	CAROLIN VICTORIA	Jamie Zazella		
Rachel Wrenn	25	SKY	NOVA	400 M. MEDLEY R WOMEN 160+	
Nicole M Smith	37	Julia Howard	Stephanie Kramer		
Julia Schuman	37	Alexandra Nieto	Cindy Bertelink	NORTH CAROLINA M 4:41.71 15	
MINN	2:30.65	Karen G Reynolds	Cara Davidoff	ERIKA BRAUN	
Elizabeth Nymeyer	37	Lindsey Chastain	Carrie A Ohm	KERRY LINDAUER	
Ingrid L Jeske	36	TFAM	CVMM	ALICIA UHL	
C Fittipaldi	26	Lyndsie R Ivie	Kirkpatrick-Reno	JENNIFER STRINGER	
Katherine Kaiser	28	Ashleigh R Gaulke	Emily J Sharpe	NCMS	4:42.68
SHARK	2:35.18	Erin M Roehrig	Leslie B Monroe	Kerry Lindauer	45
Rebecca A Aten	43	Lauren Van Allen	Eve G Maidenberg	Sara Dunn	47
Vanessa Aycart	25		SCAQ	Irish Holland	39
Daphne R Elliott	51	200 M. FREE REL WOMEN 160+	Angela Grillo	Erika L Braun	47
O Promchitmart	27	TEAM TYR	Susie S Casero	SBM	5:36.17
MVN	2:35.41	1:48.44 06	Ana Fradkin	Brooke J Green	40
Michele R Supance	35	CHERI HART	Rachel R Pinto	Sarah A Hirsch	44
K Cunningham	39	COLLETTE SAPPEY	NCMS	Karen E Schultz	40
Patty Furukawa	48	ANNA PETTIS-SCOTT	Maria E Vazquez	Sharon C Otsuki	43
Rebecca Mitchell	36	S VON DER LIPPE	Sara Dunn	TFAM	5:47.72
SKY	2:35.56	SCAQ	Karen M Stump	J McEachern	45
Sydney M Doctor	39	Ana Fradkin	Elise W Shank	M Arriola Clemenz	42
Abica Dubay	34	Rachel R Pinto	MVN	Meghan Ullholm	40
Karen G Reynolds	33	R Pescatori	Katherine Horvath	Diana H McDonough	56
Katrina B Edwards	28	Angela Grillo	S Condon-Fisher	SRM	5:53.71
		NOVA	Sumaya M McCleave	Sara H Jones	51
400 M. FREE REL WOMEN 120+		Laura Hendrickson	Jennifer Mundl	Robin A Bulman	54
STANFORD MASTERS 4:17.94 94		Breigh A Haggarty	SDSM	Marcela Rueda	37
MARTIE MC KINNEY		Krystal N Deets	Jennifer Leader	Sheila Nelson	51
C CHICHESTER		Astrid C Collins	Lisa Souders		
DANIELLE OGIER		SPM	Kristina Maroudis	800 M. FREE REL WOMEN 160+	
KANA SHIBUYA		Henrietta Szeredi	Kathy Homer	NORTH CAROLINA M 9:18.33 15	
SBM	4:46.67	Patricia T Moses	PSM	ERIKA BRAUN	
Sharon C Otsuki	43	Paula M Texel	Holly Lickwala	JENNIFER STRINGER	
Bailey Likewise	25	Tiffany F Weidner	Morena I Calvo	ALICIA UHL	
Brittany Parish	30	SRM	Erin C McPeak	KERRY LINDAUER	
Darlene Krohn	38	Sheila Nelson	Sarah Welch	PALM	9:45.01
DAM	5:05.93	Robin A Bulman	SKY	Jessica Ballard	31
Laurel Krovetz	19	Marcela Rueda	Krista F Belanger	Maria L Elias	55
Helene Nehrebecki	39	Ericka L Richards	Julia Howard	Stacey L Bruce	45
M Belluomini	42	NTXL	Alexandra Nieto	Erin C Moro	41
Aimee A Tannehill	46	J Schauwecker	Ella M Morris		
NCMS	5:44.68	Alison Moore	NOVA	PBM	10:39.13
Elise W Shank	23	J Woolslayer	Mika A Gomez	L Irish Bostic	56
Sara Dunn	47	Heather M Frees	Jennifer Johnson	Stephanie L Rock	32
Jen Smith	40	TFAM	Chantal H Lauzon	Tamara Burton	61
Lindsey Jackson	25	M Arriola Clemenz	Breigh A Haggarty	C Raininger	29
WCM	5:46.30	Diana H McDonough		SRM	11:15.40
Laura Gross	24	J McEachern	400 M. FREE REL WOMEN 160+	Marcela Rueda	37
Sandra Fu	48	Meghan Ullholm	NORTH CAROLINA M 4:06.90 15	Robin A Bulman	54
Ann Ongerth	45	RMST	ERIKA BRAUN	Sheila Nelson	51
Laura A Lawrence	39	Kim M Brightwell	JENNIFER STRINGER	Sara H Jones	51
TFAM	6:32.00	Denise Wetzel	ALICIA UHL	TFAM	12:03.36
Erin M Roehrig	28	Yuval Schaal	KERRY LINDAUER	M Arriola Clemenz	42
Lauren Van Allen	39	Patty Martinez	SRM	Meghan Ullholm	40
S Hengstenberg	39	CVMM	5:05.74	S Hengstenberg	39
Meredith H Kelly	40	Deanna C Koehler	Marcela Rueda	Meredith H Kelly	40
		Brittany L DeValk	SKY	SKY	12:47.79
400 M. MEDLEY R WOMEN 120+		J Weiderman	Krista F Belanger	Kate Kolb	39
ILLINOIS MASTERS 4:38.85 09		Cindie V Boosin	Kelley Pecherer	Pamela Luebke	56
JENNIFER RIDGE		PSM	Juliet E Cox	Katrina B Edwards	28
NADINE DAY		Colleen Wahlstrom	Myra Chachkin	MVN	13:23.85
JENNIFER IVARSON		Holly Lickwala	Susanne P Rublein	Margaret L Stuart	61
KIMBERLY STEVENS		Erin C McPeak	TFAM	Julie A Malley	52
NCMS	6:31.64	T Koppelberger	5:28.14	Sherry Brooks	59
Irish Holland	39	SHARK	Diana H McDonough	E Christiansen	22
V Gratsou-Zodl	49	Melissa D Varlas	M Arriola Clemenz	ALB	14:06.36
Elise W Shank	23	G Balharry	Meghan Ullholm	Julia S Fogelson	30
Jen Smith	40	Kelsey Abbott	J McEachern	Carol J Nip	62
TFAM	7:17.92	Andrea Dombrowski	WMAC	Kira A Halpern	53
Erin M Roehrig	28	200 M. MEDLEY R WOMEN 160+	Mindy E Seidler	Morgan Anderson	29
Lauren Van Allen	39	TEAM TYR	Jennifer L May		
Meredith H Kelly	40	2:04.75 06	Amy L Walther		
S Hengstenberg	39	JENNIFER STEIN	Julie A Hall		
		S VON DER LIPPE			

200 M. FREE REL WOMEN 200+	MVN	2:24.36	Karen Wang	57	Diane L Blubaugh	63
PACIFIC NORTHWEST 1:57.21 06	Jane A Hoag	53	Susan Moss Fuller	53	Maryann S Collins	47
LISA DAHL	Melissa Going	50	TFAM	7:20.87	NOVA	13:28.76
DEBBIE GLASSMAN	Lisa W Zawistoski	50	Christi Lara	46	Ming H Robinson	56
CHARLOTTE DAVIS	J Batcheller	51	Kylee D Lane	48	Robin M Smith	64
MARY LIPPOLD	PBM	2:24.41	Lesly J Bondy	56	Stephanie Kramer	45
NOVA	Holly Green Blair	56	Kristen Barndt	54	Lisa R Cannon	61
Stacey A Bennett	L Irish Bostic	56	400 M. MEDLEY R WOMEN 200+		SCHH	14:15.90
Katie Osborne	Eney Jones	59			Amy Koepp	45
Terri MacDougall	Stephanie L Rock	32	NORTH TEXAS LONE 4:58.86 16		Ginny Taylor	61
Cindy Bertelink	ROSE	2:33.25	STEPHANIE STONE		Debra K Walsh	66
CVMM	Cheryl A Simmons	52	KRISSY MACCURDY		Cynthia A Smith	66
Becky Cleavenger	Nancy L Leichter	48	MAUREEN REA		SKY	14:17.64
Eve G Maidenberg	Cecilie Boysen	55	KRISTIN HENDERSON		Dana R Holbrook	46
Arlette A Godges	Heidi G Khalil	48	PALM	5:15.32	Jennifer Ackerman	52
Jill E Gellatly	SFTL	2:34.57	Brenda E Shaw	52	Frances B Jones	57
MVN	Shawn Kelly	57	E De Herder	61	Susan M Ehringer	51
Melissa Going	Daniela Rosenblat	44	Erin C Moro	41	TFAM	15:34.38
J Batcheller	Christine McCrady	46	Jamie W Wilson	53	Christi Lara	46
Sherry S Flanery	Jamie Herrington	54	HAFL	5:57.63	Kylee D Lane	48
Jane A Hoag	DAM	2:38.06	Ann K Stewart	49	Lesly J Bondy	56
PALM	Julie E Roberts	55	Elaine C Joggerst	48	Kristen Barndt	54
Jamie Zazella	Jennifer R Phalen	55	Dale A LeClair	50	200 M. FREE REL WOMEN 240+	
Stacey L Bruce	Jane E Russell	56	Kathleen M Casey	60	NORTH TEXAS LONE 2:01.52 19	
Brenda E Shaw	Joan A Crow	55	DAM	6:09.79	KRISTIN HENDERSON	
E De Herder	SPM	2:40.96	Aimee A Tannehill	46	LYNN MORRISON	
WCM	Cheryl A Kupan	55	Emma Garforth	51	C MCKELVEY	
Amy M Cook	Livia L Zien	53	Stephanie Denison	49	STEPHANIE STONE	
Bonnie M Bilich	Tabitha A Brandt	51	Jennifer R Phalen	55	NTXL	2:01.52
Danielle Boone	Dawn Clark	55	USF	6:27.78	Kristin Henderson	59
Alison H Zamanian	IM	2:44.93	Kathleen McNamara	59	Lynn Morrison	65
ARIZ	Ann C Emmrich	62	Justine Juson	51	C McKelvey	66
Becki P Major	Kathryn Froehlich	57	Carla N Cooper	52	Stephanie Stone	52
Laura Machado	Kathleen Marshall	47	Lynda F Sullivan	55	SDSM	2:09.63
K Blankenship	Mary W Pletch	56	NOVA	6:56.41	Jasmine Stiles	53
Laurel S Hill	400 M. FREE REL WOMEN 200+		Ming H Robinson	56	Andra Jaunzeme	66
SPM	UCLA BRUIN MASTE 4:26.53 14		Robin M Smith	64	Christine Siegel	62
Karen L Westerman	ERIKA STEBBINS		Lisa R Cannon	61	Cathy Ganze	62
Dawn Clark	CHRISTIE CIRAULO		Krystal N Deets	43	UCLA	2:11.47
Cheryl A Kupan	VERONICA HIBBEN		SCHH	7:35.81	Evie S Lynch	67
Patricia T Moses	LAURIE DODD		Cynthia A Smith	66	Olivia Karlin	55
LVM	CVMM	4:26.89	Debra K Walsh	66	Christie Ciraulo	66
Michelle Ashworth	L Daland-James	50	Amy Koepp	45	Heather Shannon	58
Susan Cushman	Jill E Gellatly	52	Ginny Taylor	61	PBM	2:18.40
Beverly B Meteyer	Eve G Maidenberg	43	TFAM	9:02.33	Chris Wenzel	60
Catriona Cuthbert	Becky Cleavenger	56	Lesly J Bondy	56	Tamara Burton	61
SFTL	PALM	4:40.66	Kristen Barndt	54	Darcy LaFountain	64
Christine McCrady	Maria L Elias	55	Christi Lara	46	L Irish Bostic	56
Ann Kilpatrick	Jamie W Wilson	53	Kylee D Lane	48	SHARK	2:19.04
Shawn Kelly	C Hallman-Kenner	54	800 M. FREE REL WOMEN 200+		Karen L Einsidler	63
Jamie Herrington	Erin C Moro	41	CONEJO VALLEY MA 9:34.53 19		June Carson	71
WMST	GS	5:21.98	JILL GELLATLY		Cathy A Fedako	58
Christina M Toth	Carolyn B Moore	58	BECKY CLEAVENGER		Nancy Kryka	64
Stacey M Eicks	Janice A Hebel	60	EVE MAIDENBERG		NOVA	2:20.63
Mary Anne Hines	Cheryl L Quinn	59	L DALAND-JAMES		Pamela C Ogden	62
Considine-Miller	M Carpenter	40	CVMM	9:34.53	Veronica Hibben	63
200 M. MEDLEY R WOMEN 200+	USF	5:35.23	Jill E Gellatly	52	Lisa R Cannon	61
OREGON MASTERS 2:10.98 08	Patricia Cericola	62	Becky Cleavenger	56	Julia M Juliusson	54
K ANDRUS-HUGHES	Justine Juson	51	Eve G Maidenberg	43	CVMM	2:25.75
BECKY OBLETZ	Amy Klatzkin	63	L Daland-James	50	Beata M Konopka	50
ARLENE DELMAGE	Martha Gerhan	58	SKY	11:32.43	Niki F Stokols	62
ROBIN PARISI	ARIZ	5:37.41	Penny P Noyes	65	Diane G Smith	74
WCM	E Montano-Rock	41	Pam H Martin	62	Kirkpatrick-Reno	64
Bonnie M Bilich	Jean T Ornelas	65	Jeanne Pettinichi	57	MVN	2:28.16
Alison H Zamanian	Susan Dawson-Cook	56	Sydney M Doctor	39	Diana Dolan LaMar	62
Charlene O'Brien	Jen Inboden	39	HAFL	11:34.75	Gwen Uthus	65
Lindsay Gaudinier	GBM	5:53.69	Dale A LeClair	50	Jeanne Mc Cleave	65
CVMM	Karen M Grant	56	Elaine C Joggerst	48	Carol W Wilson	62
Beata M Konopka	Betsy B Sandberg	51	Ann K Stewart	49	SKY	2:30.44
J Weiderman	Sarah J Downey	50	Kathleen M Casey	60	Karla Handy-Gibbs	65
Arlette A Godges	Gail H Pentheny	57	SKY	12:59.24	Caroline Donnelly	57
Becky Cleavenger	NOVA	6:03.76	Leslie A Kaelin	42	Mary C CurI	62
NOVA	Stephanie Kramer	45	Caroline Donnelly	57	Pam H Martin	62
Michele N Merritt	Lisa R Cannon	61	Martha M Eastman	54	MOST	2:30.48
Jill L RendI	Robin M Smith	64	Mary C CurI	62	De Schinkel	55
Stacey A Bennett	Ming H Robinson	56	MARY	13:26.93	Colleen Holloway	66
Ming H Robinson	ARIZ	7:15.05	Laura Theiss	34	Rosana Andrade	59
	Jeanie Polak	58	Gladney S McKay	59	Elaine S Valdez	64
	Martha Takakoshi	66				

200 M. MEDLEY R WOMEN 240+		PBM	5:34.53	Elise H Ragland	69	Michelle E Martin	70
		Joan P Craffey	66	Carol A Miller	65	Linda Webb	74
OREGON MASTERS 2:22.45 19		Darcy LaFountain	64	USF 8:34.77	SDSM	2:42.05	
VALERIE JENKINS		Jeannie Mitchell	73	Dorothy Niccolis	66	Karen R Sing	62
COLETTE CRABBE		L Irish Bostic	56	Pascale Macleod	55	Cathy V Neville	62
ARLENE DELMAGE		MOST 5:55.48		Martha Gerhan	58	Jackie M Marr	76
JANET GETTLING		Rosana Andrade	59	Arlene Waksberg	74	Anne H Williams	81
OREG 2:22.45		Deborah Pederson	62		SDSM	2:59.22	
Valerie G Jenkins		De Schinkel	55	800 M. FREE REL WOMEN 240+		Danielle Ogier	67
Colette M Crabbe		Elaine S Valdez	64			Alta F Stengel	69
Arlene Delmage		MVN 6:08.89		NORTH TEXAS LONE10:22.07 19		Liliane Cardinal	70
Janet Gettling		Beverly Montrella	73	LYNN MORRISON		Mary Christensen	74
NOVA 2:23.54		Jeanne Mc Cleave	65	MONICA BAILEY	ARIZ	3:12.12	
Katie Osborne		Gwen Uthus	65	J WOOLSLAYER		Lyn M Moreno	71
Terri MacDougall		Sherry Brooks	59	STEPHANIE STONE		Theresa M Ashton	77
Veronica Hibben		GBM 6:53.06		NTXL 10:22.07		Jeanie Polak	58
Debbie S Bradbury		Linda S Read	68	Lynn Morrison		Wendy Weinberg	74
NTXL 2:25.44		Patricia Campbell	66	Monica M Bailey		MVN 3:20.11	
Stephanie Stone		Ellen B Garvey	63	J Woolslayer		Beverly Montrella	73
C McKelvey		Carol L Prescott	50	Stephanie Stone		Jan L Toohey	75
Kristin Henderson		ROSE 7:14.77		GOLD 11:37.78		Kathleen Love	69
Lynn Morrison		Maurine Kornfeld	98	Barbara Protzman		Gwen Uthus	65
UCLA 2:27.07		Nancy N Niebrugge	61	Lydia S Seier		MINN 3:33.42	
Evie S Lynch		Cheryl A Simmons	52	Celia C Devanney		Carol S Smollen	75
Mary K Jurey		Lauren Frendreis	30	Debbie Cavanaugh		AnnLiv Bacon	77
Christie Ciraulo		MINN 7:18.06		OREG 12:46.86		Carol L Bell	68
Heather Shannon		S Lee-Sheridan	67	Lori E Lamoureux		S Lee-Sheridan	67
SDSM 2:36.38		Sarah Hromada	58	Christina M Fox	GS	3:34.18	
Andra Jaunzeme		Susan L Mohn	55	Mary Anne Royle		Kacky C Elliott	80
Lisa M Simpson		Martha Arradondo	72	Jeanna Summers		Barbara A Barber	67
Karen R Sing		MINN 8:38.43		MVN 12:58.26		Fran Durovchic	69
Cathy V Neville		Paula Pendergast	65	Jeanne Mc Cleave		Kristi Panayotoff	71
SHARK 2:41.47		Carol L Bell	68	Beverly Montrella		SCHH 3:40.96	
Karen L Einsidler		Pat J Lillehei	75	Gwen Uthus		Joanne F Stewart	81
Laura L Groselle		Allyn M Silver	55	Lisa W Zawistoski		S Bender-Klein	70
Nancy Kryka				ARIZ 13:11.49		Cynthia A Smith	66
Cathy A Fedako		400 M. MEDLEY R WOMEN 240+		Jeanie Polak		Debra K Walsh	66
SKY 2:41.90		OREGON MASTERS 5:33.65 11		Lyn M Moreno			
Mary C Curl		JOY WARD		Martha Takakoshi		200 M. MEDLEY R WOMEN 280+	
Caroline Donnelly		GINGER PIERSON		Susan Moss Fuller		OREGON MASTERS 2:41.43 19	
Pam H Martin		COLETTE CRABBE		MOST 13:24.98		K ANDRUS-HUGHES	
Amy K Peterson		K ANDRUS-HUGHES		Deborah Pederson		JANET GETTLING	
PBM 2:42.26		PBM 6:03.63		Linda Callaway		MARGARET TOPPEL	
Joan P Craffey		Joan P Craffey	66	De Schinkel		JOY WARD	
Chris Wenzel		Chris Wenzel	60	Elaine S Valdez		OREG 2:41.43	
L Irish Bostic		L Irish Bostic	56	MINN 14:11.40		K Andrus-Hughes	62
Tamara Burton		Tamara Burton	61	S Lee-Sheridan		Janet Gettling	71
MOST 2:43.53		SHARK 6:06.64		Mary F Conway		Margaret H Toppel	71
Suzanne E Cuda		Holly Campbell	58	Paula Pendergast		Joy Ward	77
Julie O Eakle		Laura L Groselle	59	Sarah Hromada	SKY 15:58.91	SDSM 2:51.17	
Susan Ingraham		Nancy Kryka	64	Linda S Hubbuch		Christine Siegel	62
Ann Vitt		Karen L Einsidler	63	Leslie V Enander		Anne H Williams	81
MOST 2:51.08		DAM 6:16.36		Nancy Ackerson		Cathy Ganze	62
Colleen Holloway		Mary J Kahn	60	Debbie Utz		Jackie M Marr	76
De Schinkel		Cecily Sprouse	63	SKY 17:04.12		SFTL 3:20.31	
Rosana Andrade		Jane E Russell	56	Denise M Furnish		Linda L Larson	64
Elaine S Valdez		Sally K Guthrie	69	Wendy J Medley		Linda Webb	74
400 M. FREE REL WOMEN 240+		MVN 6:35.37		Patricia Baldwin		Michelle E Martin	70
		Beverly Montrella	73	Tricia Forde		Rosa V Ventura	72
		Jeanne Mc Cleave	65		200 M. FREE REL WOMEN 280+	ROSE 3:53.13	
		Lisa W Zawistoski	50		OREGON MASTERS 2:23.58 19	Maurine Kornfeld	98
		Gwen Uthus	65		JANET GETTLING	Kristin P Bennett	62
		GS 7:01.70			JOY WARD	Mary Newcombe	64
		Kristi Panayotoff	71		MARGARET TOPPEL	Nancy N Niebrugge	61
		Janice A Hebel	60		K ANDRUS-HUGHES	DAM 4:00.55	
		Carolyn B Moore	58		OREG 2:23.58	L Westergaard	76
		Cheryl L Quinn	59		Janet Gettling	Kristine T Hornof	72
		ARIZ 7:36.00			Joy Ward	Susan L Munn	81
		Lyn M Moreno	71		Margaret H Toppel	Mizuho Iwamoto	71
		Karen Wang	57		K Andrus-Hughes	ARIZ 4:05.78	
		Susan Moss Fuller	53		Vel H Perry	Lyn M Moreno	71
		Martha Takakoshi	66		Jean T Ornelas	Theresa M Ashton	77
		SHARK 7:41.04			Katy James	Jeanie Polak	58
		Zaremba-Pietraszu	55		Christie Altman	Wendy Weinberg	74
		Martha Samuelson	70		SFTL 2:41.72	GS 4:06.88	
		Cheryl M Coley	47		Linda L Larson	Fran Durovchic	69
		June Carson	71		Rosa V Ventura	Barbara A Barber	67
		TTEX 7:59.18				Kristi Panayotoff	71
		J Schneringer	69			Kacky C Elliott	80
		Virginia N Webber	65				

SKY	4:25.18	200 M. FREE REL WOMEN 320+	200 M. MEDLEY R MEN 72+	MVN	1:50.89
Joyce L Voit	85			George Horvath	20
Linda S Hubbuch	74	VIRGINIA MASTERS 3:27.23 09	THE OLYMPIC CLUB 1:49.35 95	Jesse Trowbridge	38
Norah A Kute	62	BARBARA ZAREMSKI	MIKE COLLEY	Wade Warden	29
Debbie Utz	66	TERRY SOKOLIK	JAMIE PATRICK	Matt Haage	24
MINN	4:36.52	MARIANNA BERKLEY	BRAD BUDNEY	USF	1:53.84
AnnLiv Bacon	77	JEANNE MEREDITH	GREG LARSON	Juan Palabrica	22
Mary C Hoover	70	FACT	3:46.37	Doston Ganiyev	32
Babs H Larsen	72	Joan K Campbell	89	Erin K Vu	25
Martha Arradondo	72	Martha Henderson	83	Nathan Leber	27
MVN	4:56.59	Patricia Tullman	82	TFAM	2:00.86
Robbi S Woolard	65	P St. Germain	77	Carlos Rodriguez	30
Margrit Graef	88			Kyle M Fredericks	28
Margaret L Stuart	61	200 M. MEDLEY R WOMEN 320+		Aaron B Reeder	20
Wendy Browner	80	FLORIDA AQUATIC 3:47.69 09		Richard Garza	31
400 M. FREE REL WOMEN 280+		BETTY LORENZI		200 M. MEDLEY R MEN 100+	
VIRGINIA MASTERS 5:45.80 13		SYLVIA EISELE		HOUSTONION CLUB 1:48.46 90	
MARCIA BARRY		NANCY DURSTEIN		CLAY BRITT	
JOHNNIE DETRICK		JOAN CAMPBELL		DEAN PUTTERMAN	
LAURA WALKER		FACT	4:52.86	ROBERT KILLEEN	
S LOFTUS-CHARLEY		P St. Germain	77	JAMES PRINGLE	
MINN	7:38.52	Martha Henderson	83	PSCM	1:49.54
Carol S Smollen	75	Patricia Tullman	82	Meguru Hotta	22
Babs H Larsen	72	Joan K Campbell	89	Alex Carpenter	39
Mary F Conway	69	400 M. FREE REL WOMEN 320+		Ken A Barcinas	27
Mary C Hoover	70	FLORIDA AQUATIC 8:33.10 18		Stanislav Saiko	27
SCHH	8:15.53	JOAN CAMPBELL		GRA	1:56.52
Joanne F Stewart	81	PATRICIA TULLMAN		Robert W Daltorio	27
S Bender-Klein	70	MARTHA HENDERSON		Trevor J Hoyt	28
Debra K Walsh	66	JEANNE HACKETT		Damien Bernard	32
Cynthia A Smith	66	No Relays		Patrick O'Donnell	27
ARIZ	8:35.96	400 M. MEDLEY R WOMEN 320+		GS	2:13.68
Lyn M Moreno	71	FLORIDA MAVERICK10:19.75 02		Jeff Dietrich	26
Karin Bivens	75	PEGGY HUGHES		Lucas Cuadros	24
Theresa M Ashton	77	JUNE REYNOLDS		Robert Kane	34
Wendy Weinberg	74	JEAN TROY		William Seifried	22
USF	9:29.93	KAY SCHIMPF		USF	2:15.06
Martha C Campbell	71	No Relays		Nathan Leber	27
Tanako Hagiwara	81	800 M. FREE REL WOMEN 320+		David Liberman	25
Lauren E Chaikin	75	FLORIDA MAVERICK19:29.28 02		Erin K Vu	25
Margo Johnson	64	KAY SCHIMPF		Dmitri Kononov	34
400 M. MEDLEY R WOMEN 280+		PEGGY HUGHES		TFAM	2:33.48
OREGON MASTERS 6:31.16 17		JUNE REYNOLDS		Aaron B Reeder	20
JOY WARD		FLORENCE CARR		Kyle M Fredericks	28
GINGER PIERSON		No Relays		Richard Garza	31
JANET GETTLING				Carlos Rodriguez	30
MARGARET TOPPEL				400 M. FREE REL MEN 100+	
USF	10:25.16			YMCA INDY SWIMFI 3:37.49 09	
Martha C Campbell	71			CHRIS CLARKE	
Audrey J Dunn	66			DANIEL MICHAEL	
Darcy C Cohn	68			GRANT WIECZOREK	
Tanako Hagiwara	81			BEN CHRISTOFFEL	
800 M. FREE REL WOMEN 280+				O*H*	4:10.46
SAN DIEGO SWIM M12:47.87 19				Jonathan Henning	24
M CHRISTENSEN				M Jaroszewicz	29
MARILYN FINK				Tom M Dinh	26
ANNE WILLIAMS				A McCollister	27
CATHY GANZE				USF	4:20.88
SDSM	12:47.87			Nathan Leber	27
Mary Christensen	74			Dmitri Kononov	34
Marilyn A Fink	65			David Liberman	25
Anne H Williams	81			Erin K Vu	25
Cathy Ganze	62			TFAM	4:59.65
MINN	17:51.95			Richard Garza	31
Carol S Smollen	75			Kyle M Fredericks	28
Mary R Vonderharr	66			Carlos Rodriguez	30
AnnLiv Bacon	77			Aaron B Reeder	20
Babs H Larsen	72			400 M. MEDLEY R MEN 100+	
ARIZ	19:52.01			YMCA INDY SWIMFI 4:06.58 09	
Karin Bivens	75			GRANT WIECZOREK	
Karen Wang	57			BEN CHRISTOFFEL	
Theresa M Ashton	77			DANIEL MICHAEL	
Wendy Weinberg	74			WESLEY MERKLE	

O*H*	5:09.33	200 M. MEDLEY R	MEN	120+	GS	5:26.37	SFTL	1:45.49		
Jonathan Henning	24				Jeff Dietrich	26	Damian A Garis	40		
M Jaroszewicz	29	PHOENIX SWIM CLU	1:44.88	18	S Schneidet	36	Eric L Jackwin	30		
A McCollister	27	RODRIGO FERREIRA			Donald Bleasdale	59	Peter C Horwitz	55		
J Constantino	30	FELIPE DOS SANTOS			Robert Kane	34	Ryan D Williams	46		
TFAM	5:53.65	BRUNO DE PAULA					SVN	1:46.43		
Aaron B Reeder	20	RENATO FERREIRA			400 M. MEDLEY R	MEN	120+	Steve Gunnell	49	
Kyle M Fredericks	28	SVN	1:46.11		MICHIGAN MASTERS	4:00.06	09	Brendan Herlihy	43	
Carlos Rodriguez	30	Garrett M Hubbard	28		KEVIN DOAK			Andy N Fujimoto	49	
Richard Garza	31	Mat A Prasser	27		PATRICK SAUCEDO			David M Sumner	49	
		Kevin Bartell	34		CAMERON MULL		SVN	1:47.07		
		Andrew Cox	34		ALEC MULL			Paul Mundl	42	
800 M. FREE REL	MEN	100+	SFTL	1:52.82	USF	4:26.13		Ryan E Cox	46	
			Ryan B Rosenbaum	25	Arthur Gouvea	31		M Ahmadi-Kashani	47	
SANTA CLARA SWIM	8:04.17	94	Damian A Garis	40	Doston Ganiyev	32	NOVA	1:48.02		
SERGEY MARINIUK			Rinaldo Sintjago	37	Jonathan Salcedo	37		Chris Ciborowski	47	
FRANZ MORTENSEN			Anthony L Ervin	38	John Samotyj	38		Roberto E Delgado	44	
JAMES PARRACK			PSM	1:55.86	SBM	4:33.65		Jeff Hoskinson	46	
MIKE MOORE			Trever O Gray	43	Javier Saldena	44		Wayne Hwang	41	
No Relays			Cejih J Yung	34	Kristof Igloi	32	NCMS	1:49.64		
			Erik D Petersen	31	Curtis Lin	28		Jonathan E Klein	62	
			Chris Conroy	34	Michael L Power	51		Marty Moran	52	
200 M. FREE REL	MEN	120+	NOVA	1:56.68	NTXL	4:40.28		Logan Boyce	20	
			Jeffrey S Blatnik	40	Robert Sussmeier	29	MWA	1:50.27		
SOUTHERN CAL AQU	1:34.82	09	Gabriel Kirk	22	Peyton Stone	21		Francisco J Parra	62	
MATTHEW CORNUE			Robert C Dmytrow	38	Michael B Doyle	55		Rodrigo Mendes	40	
ERIK HOCHSTEIN			Keith Ryan	35	Mark W Glass	45		Hilario Itriago	46	
ERIK TOLMACHOFF			RICE	1:58.10	PALM	4:48.01	SDSM	1:51.98		
CHRISTOPHER BEACH			D Mastracchio	45	David E Rieder	25		Terry Frogley	49	
SVN	1:36.75		David M Guthrie	59	Tyler P Sites	28		Matt Boone	30	
Andrew Cox	34		Ryan Troy	24	Benjamin LeMoine	35		Nathan Ascher	48	
Mat A Prasser	27		Mark Reeves	30	Daniel R Thaler	32	ROSE	1:52.23		
Kevin Bartell	34	USF	1:59.97		GOLD	6:52.40		Marc Rey	44	
Garrett M Hubbard	28		Cameron Owen	30	Orlando M Caro	36		Joshua Schwartz	42	
SFTL	1:38.77		Juan Palabrica	22	Nicholas Perry	38		David A Popko	42	
Rinaldo Sintjago	37		Doston Ganiyev	32	Andres H Miyares	36		Chad A Durieux	40	
Serge Wenzel	34		John Samotyj	38	Peter Vila	26	CVMM	1:53.13		
Ryan B Rosenbaum	25	SKY	2:01.70					Bradford Stanley	59	
Anthony L Ervin	38		William Kemp	20	SOUTHERN CAL AQU	8:03.21	09	Jonathan S Kretz	41	
NOVA	1:39.81		William G Kolb	24	DAVID SCHLESINGER			Peter Achberger	40	
Robert C Dmytrow	38		Mitchell Reinhart	38	DAN WEGNER			Andrew Barmann	26	
Evan Kraus	33		James G Luebbe	52	MATTHEW HARRIGAN		GS	1:53.13		
Gabriel Kirk	22		SCAQ	2:02.10	ERIK HOCHSTEIN			Robert D Seigler	41	
Jeff F Natalizio	37		Brian McAteer	35	OREG	9:38.79		Kenneth Cooper	50	
PSM	1:46.03		A Shcheglov	33	Ben Karlin	36		John R Decker	45	
Trever O Gray	43		Colin Donaldson	29	Matt Miller	42		James Secoy	49	
Cejih J Yung	34		Christian Barion	32	Conor Arcuri	28				
Erik D Petersen	31	DAM	2:02.92		Matthew Osborn	45				
Chris Conroy	34		Matt Roper	38	SKY	9:56.95				
USF	1:46.07		Scott Muir	46	Gregory G Willett	22				
Arthur Gouvea	31		Marc Blumberg	26	James G Luebbe	52				
Doston Ganiyev	32		Satori Iwamoto	33	Manuel Nieto	39				
Jonathan Salcedo	37	SVN	2:03.78		Mike Jotautas	39				
John Samotyj	38		Ryan TerBush	29	TFAM	12:35.46				
SCAQ	1:48.82		Jesse Trowbridge	38	Karl F Barndt	54				
Colin Donaldson	29		Danny P Giometti	33	Carlos Rodriguez	30				
Christian Barion	32		Jeff N Lee	32	Richard Garza	31				
Nelson Hansen	47				Kyle M Fredericks	28				
Brian McAteer	35				GOLD	12:42.70				
SKY	1:51.05				Nicholas Perry	38				
Mitchell Reinhart	38	400 M. FREE REL	MEN	120+	Peter Vila	26				
James G Luebbe	52				Orlando M Caro	36				
William Kemp	20	MICHIGAN MASTERS	3:34.83	09	Andres H Miyares	36				
William G Kolb	24	KEVIN DOAK								
NOVA	1:53.08	ALEC MULL								
Jonathan A Goler	39	CAMERON MULL								
Jeffrey S Blatnik	40	PATRICK SAUCEDO								
Mattia Marelli	38	NTXL	4:08.87							
Ivaylo Babalev	28		Robert Sussmeier	29						
NASH	1:54.24		Mark W Glass	45						
Chris D Stephens	45		Robert Czerwinski	56						
Sean Piper	26		Peyton Stone	21						
Nicholas J Jones	29	GBM	4:31.57							
Jason G Zinser	33		Spencer Marquardt	24						
DCAC	1:55.53		C Cloitre	44						
WonKee Moon	45		Benjamin Wolfson	37						
Colin Oldenburg	30		Matthew Whitford	44						
Greg Koch	37	SVN	4:41.68							
Amr E El-Sayed	27		Ian Stinson	33						
			Zachary Y Green	30						
			Brian R Davis	51						
			Michael R Thomas	27						

Kyle R Kurr	47	Michael Choi	24	Michael L Zabel	59	Kirby Burkholder	58
Paul Mundl	42	Aron Parker	49	Eric C Herman	48	Evan F Ekman	55
MVN	2:04.96	PSM	5:05.76	TFAM	1:58.74	NBM	4:53.32
David M Sumner	49	Carl Haynie	59	Dave Doll	56	Chad Smykay	40
Michael C Kolarov	47	David J Scott	53	Alan D Cole	53	Robert Sailors	46
Ryan E Cox	46	Erik D Petersen	31	Bert J Lane	49	Lex Pegues	59
Steve Gunnell	49	Brent Barnes	51	Benjamin A Reed	44	David Paulos	57
LVM	2:07.06	MVM	5:40.27	200 M. MEDLEY R	MEN 200+	WCM	5:03.94
Seth Aldrich	38	Chris Campbell	58	COLORADO MASTERS	1:50.83 06	Bryan D Volpp	62
Dan Wegner	48	Brian R Davis	51	STEVE WOOD		Donald R Potter	54
Jack K Gottsche	56	Michael R Thomas	27	JACK GROSELLE		Paul A Carter	51
Marko Stewart	32	Ian Stinson	33	TRIP HEDRICK		Bechir Romdhane	55
ARIZ	2:08.09	800 M. FREE REL	MEN 160+	RICHARD ABRAHAMS		TFAM	5:17.18
Theodore Collins	56	TEAM TYR	8:15.15 06	NCMS	2:01.39	Dave Doll	56
John T Swick	36	RICH SAEGER		Jonathan E Klein	62	Alan D Cole	53
Marc A Valle	45	PAUL SMITH		Rob Butcher	47	Bert J Lane	49
Aung Sann Oo	38	MICHAEL RUFFNER		Marty Moran	52	Benjamin A Reed	44
NTXL	2:09.82	DAN WEGNER		Scott J Dallamura	41	NCMS	5:43.13
Robert Sussmeier	29	GERM	10:38.02	SDSM	2:01.92	Seth Hall	38
Peyton Stone	21	Farol L Tomson	48	Scott Newmann	35	Bill Pillmore	71
Robert Kelsoe	66	David L Robinson	76	G Von Hoffmann	63	Gregory Robin	46
Peter J Tarter	59	Kempsey Clark	29	Mike Bouchard	52	Jamie A Miller	65
NOVA	2:11.42	F Westbrook	19	Brian D Strate	52	MEMO	5:52.36
Rex Lyon	44	SKY	11:11.33	CMS	2:02.44	Ahren E Lehnert	46
Wayne Hwang	41	C.J. Rushman	48	Ignacio Jimenez	54	Kevin Y Gibbons	35
Peter T Yu	42	David F Redinger	46	Greg C Scott	60	Randy Rentschler	59
Jonathan A Goler	39	Michael Johmann	57	Robert Garland	50	Peter Tsugawa	61
400 M. FREE REL	MEN 160+	Thomas J Altstadt	46	Steven E Kahl	57	400 M. MEDLEY R	MEN 200+
LONGHORN AQUATIC	3:38.60 11	200 M. FREE REL	MEN 200+	NEM	2:02.65	LONGHORN AQUATIC	4:13.76 12
TYLER BLESSING		COLORADO MASTERS	1:38.24 06	Chuck Barnes	43	ANDERS RASMUSSEN	
MIKE VAROZZA		JACK GROSELLE		Harvey Ottinger	62	DAVID GUTHRIE	
ANDERS RASMUSSEN		TRIP HEDRICK		Mike Broglio	48	JIM SAUER	
CHRIS ECKERMAN		STEVE WOOD		Greg Weissman	58	MIKE VAROZZA	
PBM	4:18.23	RICHARD ABRAHAMS		NOVA	2:06.61	GS	5:05.03
Daniel Lotano	39	CMS	1:48.49	Jim Dietrich	48	Mark Kothe	53
Michael Aubrey	58	Robert Garland	50	Chris D Duplanty	54	Robert P McAdam	57
Daniel J Lebest	32	Greg C Scott	60	Jeff Hoskinson	46	James Secoy	49
Robert A Heacock	70	Ignacio Jimenez	54	Michael D Collins	53	Jack Read	50
NCMS	4:19.30	Steven E Kahl	57	SDSM	2:08.18	MOST	5:13.15
Scott J Dallamura	41	PBM	1:48.66	Tord E Benner	60	Bryant D Davis	38
Logan Boyce	20	Daniel Lotano	39	Sergii Kukharskyi	30	Andrew J Gale	53
Marty Moran	52	F Caudrillier	57	Alex Campbell	49	Stephen Nichols	55
Jonathan E Klein	62	Brendan McCarthy	59	Bill G Behun	68	Charles Michaels	60
GS	4:20.76	Michael Aubrey	58	SDSM	2:09.01	NCMS	5:14.23
Robert D Seigler	41	CVMM	1:49.31	Kenton R Jones	52	Bill Pillmore	71
Robert P McAdam	57	Stephen Y Ball	49	Dale W Webster	50	Sonny Nguyen	40
John R Decker	45	Michael J Boosin	53	Kevin Mendenhall	36	Morten Andersen	49
James Secoy	49	Doug J Koehler	53	James C Perry	62	Scott J Dallamura	41
DAM	4:27.46	Chris L Wall	57	TBAM	2:09.64	SHARK	5:20.99
Satori Iwamoto	33	SHARK	1:51.95	C Colmenares	35	Edward M Clissold	45
Kevin Waterson	40	David M Zimmerman	57	Jorge I Gonzalez	56	Jim Matysek	60
Ted Krovetz	53	Xavier Almeyda	49	Juan Cue	60	Tom J Weigand	62
Matt Roper	38	Edward M Clissold	45	William Bouyoucas	51	Jeffrey Tremblay	58
MOST	4:52.42	Scott Jarr	52	GRA	2:11.43	TFAM	5:27.59
Eddie O'Connell	47	SDSM	1:52.83	Bruce Menefee	60	Alan D Cole	53
Charles Michaels	60	Frederick Wells	33	Pat Meaney	61	Dave Doll	56
Andrew J Gale	53	Kenton R Jones	52	Tom Burke	60	Benjamin A Reed	44
Bryant D Davis	38	Mike Keeney	65	Nick Boshoff	51	Bert J Lane	49
USF	5:58.24	Dale W Webster	50	PSM	2:16.41	NBM	5:42.37
Khalid A El-Awady	49	MVN	1:52.99	Brad Jones	53	Chad Smykay	40
Stephen L Young	61	Alex E Pinedo	51	Carl Haynie	59	Robert Sailors	46
Ping Mai	49	Jeffrey Mitchell	50	Vince Carmosino	49	Lex Pegues	59
Leo Lung	29	Dean J Daniel	52	Brent Barnes	51	David Paulos	57
400 M. MEDLEY R	MEN 160+	Douglas C Barker	56	400 M. FREE REL	MEN 200+	MEMO	7:09.74
STAN	4:02.07 15	NOVA	1:53.64	LONGHORN AQUATIC	3:52.34 12	Randy Rentschler	59
RICK GOULD		Jim Dietrich	48	MIKE VAROZZA		Long Wu	54
BJ JOHNSON		Michael D Collins	53	JIM SAUER		Peter Tsugawa	61
DARREN PHELAN		Tom E Podmajersky	56	DAVID GUTHRIE		Steven J Cramer	61
MIKE PYLE		Chris D Duplanty	54	ANDERS RASMUSSEN		800 M. FREE REL	MEN 200+
GOLD	4:50.83	PALM	1:55.84	ARIZ	4:15.43	ARIZONA MASTERS	8:38.51 19
C Stickle	29	Evan F Ekman	55	Kurt F Dickson	52	TERRY DEBIASE	
Corey L Welch	36	Andy Cook	55	Barry Roth	65	ERWIN KRATZ	
Lars Ferron	64	David Betenbaugh	44	Scott D Shake	61	KURT DICKSON	
Luis Comulada	44	Terry R Vogler	47	Jeffrey S Utsch	52	JEFFREY UTSCHE	
MEMO	4:58.31	SPM	1:56.11	PALM	4:43.91	ARIZ	8:38.51
Paul D Doooley	51	Sean Stringer	44	Daniel R Thaler	32	Terry A DeBiase	54
Jimmy Song	36	Michael R Smith	62	Bill Northrop	60	Erwin D Kratz	54

Kurt F Dickson	52	SDSM	2:00.91	400 M. FREE REL	MEN	240+	SAWS	5:25.64
Jeffrey S Utsch	52	William E Bender	57				Scott Carrell	56
GS	9:25.45	Tord E Benner	60	COLORADO MASTERS	3:59.86	18	Robert Strand	73
Mark Kothe	53	James C Perry	62	MICHAEL MANN			Oliver Cleaver	56
John R Decker	45	G Von Hoffmann	63	CRAIG PETERSEN			Jim Clemmons	69
Robert P McAdam	57	MVN	2:01.88	GREG SCOTT			PBM	5:27.62
James Secoy	49	Michael E Hiller	61	KIRK ANDERSON			F Caudrillier	57
PALM	9:25.77	Brian S Goodell	60	WCM	4:41.80		Chip Green	59
Evan F Ekman	55	Robert E Mitchell	61	Ian E King	57		Brendan McCarthy	59
Michael J Malik	38	Ray Borzone	60	Gordon E Bell	67		David Quiggin	75
Andy Dyer	61	PALM	2:02.19	Kenneth W Tittle	56		DAM	5:34.53
Andy Cook	55	Andy Dyer	61	Loren Druz	63		Stuart L Kahn	66
PBM	10:04.70	Joe Shake	61	SHARK	4:45.31		David L Woodruff	63
Daniel Lotano	39	Kirby Burkholder	58	Jim Matysek	60		Ted Krovetz	53
Chip Green	59	Jay Brzezinski	72	John E Sylvester	62		Andrew McPherson	72
Brendan McCarthy	59	RICE	2:02.28	Jeffrey Tremblay	58		NTXL	6:20.37
Michael Aubrey	58	Boyd E Black	63	Jack R Martin	68		Joseph C Murray	60
TFAM	11:28.28	David W Childers	65	NTXL	5:08.50		Ken Woolley	61
Dave Doll	56	Bruce F Williams	66	Joseph C Murray	60		Gregory Krainik	65
Benjamin A Reed	44	Bradley A Ohnstad	62	Floyd Mcdaniel	63		Bob Maryan	67
Bert J Lane	49			Ken Woolley	61		ARIZ	6:27.14
Alan D Cole	53			Bob Maryan	67		Michael J Polak	58
NCMS	12:05.98	200 M. MEDLEY R	MEN 240+	BUMS	5:08.59		David V Taylor	71
Scott J Dallamura	41	SARASOTA Y SHARK	1:57.46 16	Eugene T Pot	69		Ke Wang	63
Sonny Nguyen	40	STEVE WOOD		Daniel Kornblatt	70		Mark A Randall	62
Jamie A Miller	65	JACK GROSELLE		Steven E Nelson	67		RBAY	7:35.61
Stratton Smith	55	TRIP HEDRICK		Paul J Poitevent	58		Mark Weinstein	63
SKY	12:10.65	DOUG MARTIN		ARIZ	5:23.34		Atsushi Hamanaka	60
Mitchell Reinhart	38	NOVA	2:06.11	Michael J Polak	58		Francis I Norek	63
Carroll Mackin	51	Jamie Fowler	60	Ke Wang	63		Elliot Lehr	64
Nikolaus Dilger	52	Henry Vehovec	61	Mark A Randall	62		MINN	8:17.19
Theodore M Wathen	72	Toby Weissert	61	Steven R Willer	65		Curtis L Nelson	63
USF	12:48.83	Jay G Tapp	60	GBM	5:43.49		Jay Johnston	67
David Coad	61	PBM	2:06.50	Thomas R Newkirk	71		Mark Kaplan	70
Alexander Levin	53	Daniel Lotano	39	Joseph H Orzel	60		Jim T Langland	67
Syd Williams	64	Michael Aubrey	58	Steve J Miller	65			
Patrick Mc Bride	50	Lee Childs	71	Alec Rooney	49			
HAFL	15:00.61	David Quiggin	75	MINN	5:49.64		800 M. FREE REL	MEN 240+
David M Walley	54	CVMM	2:08.10	Jim T Langland	67		COLORADO MASTERS	8:56.62 18
Blaise M O'Neill	61	Michael J Boosin	53	Curtis L Nelson	63		MICHAEL MANN	
Tim L Krajewski	38	Clive G Edwards	66	Bernard Weiss	65		CRAIG PETERSEN	
Philip M Cullen	72	Mark Buckley	66	Jay Johnston	67		GREG SCOTT	
		Scott L Adair	56	USF	6:02.12		KIRK ANDERSON	
200 M. FREE REL	MEN 240+	PSM	2:09.71	David Coad	61		WCM	10:13.41
SARASOTA Y SHARK	1:42.40 16	Mats Nygren	53	Bryan W Andrews	68		Gordon E Bell	67
STEVE WOOD		Rick Colella	68	Michael W Moore	69		Ian E King	57
DOUG MARTIN		Daniel L Phillips	56	Eugene C Gregor	59		Bryan D Volpp	62
TRIP HEDRICK		Steven B Peterson	73	TFAM	6:08.79		Brad A Gothberg	57
JACK GROSELLE		SFTL	2:15.99	Richard D Norton	71		SHARK	10:35.96
NOVA	1:52.11	David L Zubero	60	Clancy McKenna	68		Bob E Couch	72
Jeffrey R Stevens	60	Sherif Shaaan	61	Karl F Barndt	54		Jim Matysek	60
Toby Weissert	61	Ronald L Marks	61	RBAY	6:09.40		Jeffrey Tremblay	58
John Lorenz	63	Mark R Richards	59	Michael O Lavitt	61		Jack R Martin	68
Jamie Fowler	60	DAM	2:16.72	Mark Weinstein	63		NTXL	10:54.33
OREG	1:55.53	Stuart L Kahn	66	Elliott Lehrer	64		Michael B Doyle	55
Doug Brockbank	66	Samuel T McAdam	54	Francis I Norek	63		Robert Czerwinski	56
Wes Edwards	66	Ted Krovetz	53				Gregory Krainik	65
David Hathaway	59	Andrew McPherson	72				Bob Maryan	67
Scot A Sullivan	53	SDSM	2:18.18	400 M. MEDLEY R	MEN 240+		SKY	11:21.24
PSM	1:56.02	William E Bender	57	COLORADO MASTERS	4:32.15 18		Jim Grubbs	65
Daniel L Phillips	56	Monte W Gast	72	CRAIG PETERSEN			James M Keller	66
Rick Colella	68	Nathan Ascher	48	GREG SCOTT			Cork Haberek	62
Steven B Peterson	73	Mike Keeney	65	MICHAEL MANN			Dale Mercker	52
Mats Nygren	53	SPM	2:19.42	KIRK ANDERSON			ARIZ	12:09.04
WCM	1:58.32	Greg Salomon	57	SHARK	4:48.29		Steven R Willer	65
Loren Druz	63	Michael R Smith	62	David M Zimmerman	57		Mark A Randall	62
Bryan D Volpp	62	Stephan J Freeman	63	Jack R Groselle	65		Douglas Springer	73
Gordon E Bell	67	Michael L Zabel	59	Jeffrey Boatright	66		Michael J Polak	58
Brad A Gothberg	57	SWLB	2:20.12	Scott Jarr	52		MINN	13:06.13
SWLB	1:59.55	David G Wenz	51	PALM	5:03.70		Jay Johnston	67
Sven Soedel	57	Rodney Cargill	73	Jay Brzezinski	72		Jim T Langland	67
Robert E Hayes	68	Robert E Hayes	68	Andy Dyer	61		Ralph S Bovard	67
Rodney Cargill	73	Sven Soedel	57	Evan F Ekman	55		J Kochendorfer	59
David G Wenz	51	MVN	2:20.67	Andy Cook	55		MICH	16:28.58
SFTL	1:59.56	Brian S Goodell	60	SHARK	5:15.54		Donald J Kroeger	76
David L Zubero	60	Mike K Gibson	58	Edward H Mench	53		Brad Eastridge	69
Marty Hendrick	61	Robert E Mitchell	61	Rick B Walker	69		Steve Hertz	62
Ronald L Marks	61	Mark J Longworth	68	Charles M Denualt	56		James A Izzi	58
Mark R Richards	59			John E Sylvester	62			

200 M. FREE REL	MEN	280+	OREG	2:22.58	400 M. MEDLEY R	MEN	280+	Donald J Baker	88	
			Wes Edwards	66				George L Carey	77	
GOLD COAST MASTE	1:56.91	14	Allen L Stark	70	PALM BEACH MASTE	5:19.67	17	USF	3:55.58	
DAVID QUIGGIN			Doug Brockbank	66	DAVID QUIGGIN			William E Grohe	86	
DAVID PAINTER			Ronald K Nakata	80	GEORGE SCHMIDT			Bob D Danielson	89	
KEEFE LODWIG			OREG	2:38.99	LEE CHILDS			Lance Wiscomb	74	
LEE CHILDS			David Hathaway	59	KEEFE LODWIG			Randy S Schiller	71	
PBM	2:01.95		Gary L Patterson	60	OREG	5:58.21		200 M. MEDLEY R	MEN	320+
David Quiggin	75		Allen J Larson	66	Wes Edwards	66				
Lee Childs	71		Willard J Lamb	97	Richard K Howell	60		SAN DIEGO SWIM M	2:56.04	18
Robert A Heacock	70		SBM	2:57.29	Brent C Washburne	58		BOB BEST		
George L Schmidt	69		Jeff Farrell	82	Willard J Lamb	97		PETER ANDERSEN		
TAM	2:03.61		David Johannsen	65	NTXL	6:02.00		MIKE FRESHLEY		
Richard Burns	76		Michael Fasth	64	Bob Welty	75		TOM MITCHELL		
Rick Meyerhoff	72		Oded Rencus	74	Tom Wolf	65		SDSM	3:01.72	
Mike Sherrill	70		WCM	3:03.14	Robert Kelsoe	66		William W Haines	82	
John T Foote	69		Gordon E Bell	67	Ken Pipkin	75		Peter Andersen	76	
SHARK	2:07.85		James R DeLacy	73	MINN	6:31.18		Mike R Freshley	78	
Rick B Walker	69		Robert H Olson	75	Marc S Anderson	70		Bob Best	87	
Bob E Couch	72		Fred Boettler	84	David C Arlander	78		SDSM	3:20.33	
Jan Soderstrom	74		SKY	3:09.55	Robin T Kleffman	72		Laurence Walker	76	
Jack R Martin	68		Bob C Rueff	73	Thomas A Hodgson	70		George L Carey	77	
MINN	2:15.01		Tim E Kute	74	ARIZ	6:45.06		Tony Ralphs	76	
Marc S Anderson	70		Charles Miesner	64	Terry Ludwig	69		Donald J Hubbard	92	
Gary M Fine	69		Glenn H Hubbuch	74	Jack Allison	68		ARIZ	3:57.24	
David Lockard	70		ARIZ	3:10.29	James S Spiegel	72		Glenn A Tewksbury	86	
Robin T Kleffman	72		Terry Ludwig	69	Craig A Shaffer	73		Harold E Peter	85	
ARIZ	2:15.92		Jack Allison	68	800 M. FREE REL	MEN	280+	Douglas Springer	73	
James S Spiegel	72		James S Spiegel	72	PALM BEACH MASTE	10:21.80	17	Rodger Bivens	78	
Douglas Springer	73		Craig A Shaffer	73	DAVID QUIGGIN			USF	4:52.07	
Terry Ludwig	69		SDSM	3:11.93	GEORGE SCHMIDT			William E Grohe	86	
Jack Allison	68		Brian M Jones	78	KEEFE LODWIG			Bob D Danielson	89	
SBM	2:21.24		Peter Cool	64	LEE CHILDS			Lance Wiscomb	74	
Jeff Farrell	82		Luis B Vilorio	53	ARIZ	12:24.23		Randy S Schiller	71	
Michael Fasth	64		Tom Mitchell	86	Terry Ludwig	69		400 M. FREE REL	MEN	320+
Oded Rencus	74		400 M. FREE REL	MEN	280+	James S Spiegel	72	MICHIGAN MASTERS	5:43.81	17
David Johannsen	65		PALM BEACH MASTE	4:27.17	17	Jack Allison	68	JOEL LOCKWOOD		
OREG	2:34.57		LEE CHILDS			Craig A Shaffer	73	KURT OLMANN		
Willard J Lamb	97		KEEFE LODWIG			MINN	12:34.14	RAY MARTIN		
Allen J Larson	66		GEORGE SCHMIDT			Marc S Anderson	70	WALLIE JEFFRIES		
Ronald K Nakata	80		DAVID QUIGGIN			Robin T Kleffman	72	SDSM	6:38.85	
Allen L Stark	70		ARIZ	5:20.90		David Lockard	70	Bob Best	87	
SHARK	2:35.28		Terry Ludwig	69		Gary M Fine	69	Peter Andersen	76	
Don A Claridge	74		James S Spiegel	72		GAJA	15:35.73	Tom Mitchell	86	
John M Burke	67		Douglas Springer	73		John V Zeigler	74	Tony Ralphs	76	
Keith R Evans	71		Jack Allison	68		Joe D Hutto	68	PBM	7:07.68	
James F Browne	81		MINN	5:45.41		Herb Chuyen	80	David Quiggin	75	
SKY	2:47.87		Marc S Anderson	70		SKY	15:58.09	Alex Fisher	80	
Bob C Rueff	73		Robin T Kleffman	72		Larry Hunt	72	Skip Monsein	85	
Larry N Keaton	76		Mark Kaplan	70		Frank J Diebold	71	Thomas Hogan	84	
Tim E Kute	74		Gary M Fine	69		Larry N Keaton	76	USF	9:29.59	
Glenn H Hubbuch	74		SBM	5:50.25		Thomas Mester	68	William E Grohe	86	
WCM	2:48.86		Oded Rencus	74		PBM	16:46.07	Bob D Danielson	89	
Rick Silvey	77		Philip C Beguhl	67		Mike Taber	62	Lance Wiscomb	74	
Ed V Lane	80		Douglas Prentice	71		James T Purdy	67	Randy S Schiller	71	
Dennis R Bledsoe	80		Jack Underwood	69		Patrick Cannan	79	400 M. MEDLEY R	MEN	320+
Ian E King	57		WMAC	5:53.31		Thomas Hogan	84			
200 M. MEDLEY R	MEN	280+	Lawrence Mueller	75	200 M. FREE REL	MEN	320+	MICHIGAN MASTERS	7:01.64	17
VENTURA COUNTY M	2:15.90	19	Carl Millholland	67	OREGON MASTERS	2:24.56	16	ALLAN CHARLTON		
STEVEN HECK			David T Watts	67	JOSE FERRAZ			RAY MARTIN		
HUBIE KERNS			Greg M Hollub	72	WILLARD LAMB			ERIK LOKENSGARD		
GLENN GRUBER			NTXL	6:02.83	FRANK PHILIPPS			WALLIE JEFFRIES		
BRUCE ROLLINS			Robert Kelsoe	66	DAVID RADCLIFF			SDSM	7:54.73	
VCM	2:15.90		Bob Welty	75	SDSM	2:27.25		Bob Best	87	
Steven V Heck	70		Ken Pipkin	75	Peter Andersen	76		Peter Andersen	76	
Hubie Kerns	70		Gary Cates	68	Bob Best	87		Mike R Freshley	78	
Glenn A Gruber	70		MINN	6:59.57	William W Haines	82		Tom Mitchell	86	
Bruce W Rollins	70		David Lockard	70	Tony Ralphs	76		ARIZ	8:34.66	
TAM	2:19.72		Niel R Petersen	81	SDSM	2:38.58		Glenn A Tewksbury	86	
Richard Burns	76		Thomas A Hodgson	70	Laurence Walker	76		Harold E Peter	85	
A Moskovits	70		David C Arlander	78	Mike R Freshley	78		Douglas Springer	73	
John T Foote	69		O*H*	7:49.03	Tom Mitchell	86		Rodger Bivens	78	
Rick Meyerhoff	72		Ed March	73	Laurance O Hill	81		O*H*	9:23.13	
PBM	2:20.51		Robert G McDonald	70	SDSM	3:16.47		Yoshi Oyakawa	86	
Robert A Heacock	70		Robert B Williams	80	Bill G Behun	68		John C Medici	81	
George L Schmidt	69		Sid Hall	84	Donald J Hubbard	92		Robert B Williams	80	
Lee Childs	71							Paul M Martin	75	
David Quiggin	75									

800 M. FREE REL	MEN	320+	SFTL	1:45.12	George Horvath	20	NTXL	1:56.46
MICHIGAN MASTERS	13:00.32	17	Enzo J Pazos	25	Nicholas Deloney	19	J Schauwecker	30
WALLIE JEFFRIES			Elizabeth Zubero	21	PALM	2:21.82	Heather M Frees	36
RAY MARTIN			J Lorda Taylor	23	David E Rieder	25	Peyton Stone	21
JOEL LOCKWOOD			Blake Woodrow	23	Tyler P Sites	28	Robert Sussmeier	29
KURT OLZMANN			MVN	1:52.14	Olivia Scoggins	18	SDSM	1:59.56
WCM	14:32.61		Alex Bae	24	Courtney Fetchen	24	Alix Leslie	20
James R DeLacy	73		Emilie Schneider	20	MVN	2:24.03	Kelsie Baker	28
Stan F Morner	85		Matt Haage	24	Daniel C Peralta	23	Brady Bradshaw	29
Ed V Lane	80		Daniel C Peralta	23	Dinara Shalhoup	24	Tracy C Merrill	34
Robert W Mayo	86		DKTA	1:52.75	Matt Haage	24	MINN	2:08.09
SDSM	14:54.30		Jonathan Listul	20	Alex Bae	24	Elizabeth Nymeyer	37
Tony Ralphs	76		Ben Smith	33	400 M. FREE REL MIXED	72+	Paul Hoffmann	31
Peter Andersen	76		Annie Hart	22	CONEJO SIMI AQUA	3:56.54 09	C Fittipaldi	26
Bob Best	87		Bridget Opdahl	24	WADE FEDERER		Parker Erdall	25
Tom Mitchell	86		ROSE	1:53.05	LAUREN HANCOCK			
O*H*	18:46.94		Maria Carlson	24	CHRISTOPHER RAMOS			
Yoshi Oyakawa	86		Lauren Turner	27	KARA DENBY			
Robert B Williams	80		David Jimenez	22	No Relays			
John C Medici	81		Sean M Fisher	24	400 M. MEDLEY R MIXED	72+		
Paul M Martin	75		MVN	1:53.84	MEMO	4:22.92 15		
			E Christiansen	22	ALEX MAZURE			
200 M. FREE REL	MEN	360+	Heidi Zuniga	24	DAVID BANKS			
COAST MASTERS	3:46.35	05	Mat A Prasser	27	CATHERINE BREED			
DICK WESTERFIELD			Nicholas Deloney	19	LAUREN BUGGLIN			
WALTER PFEIFFER			GS	1:56.87	TFAM	5:50.85		
ROBERT CHRISTAINS			Molly C Maret	27	Kyle M Fredericks	28		
WOODY BOWERSOCK			Rachel Wrenn	25	Jamie Wilson	23		
No Relays			William Seifried	22	Aaron B Reeder	20		
200 M. MEDLEY R	MEN	360+	Lucas Cuadros	24	Lyndsie R Ivie	25		
COAST MASTERS	4:13.67	05	PALM	2:04.33	800 M. FREE REL MIXED	72+		
ROBERT CHRISTAINS			David E Rieder	25	CONEJO SIMI AQUA	8:55.39 09		
DICK WESTERFIELD			Mary Gardner	27	KARA DENBY			
WALTER PFEIFFER			Olivia Scoggins	18	LAUREN HANCOCK			
WOODY BOWERSOCK			Tyler P Sites	28	CHRISTOPHER RAMOS			
No Relays			200 M. MEDLEY R MIXED	72+	WADE FEDERER			
400 M. FREE REL	MEN	360+	SWIM FORT LAUDER	1:55.58 19	No Relays			
COAST MASTERS	10:43.13	07	ENZO PAZOS		200 M. FREE REL MIXED	100+		
ROBERT CHRISTAINS			YONA RUBIN		THE OLYMPIC CLUB	1:43.11 10		
WALTER PFEIFFER			ELIZABETH ZUBERO		O'DONNELL-MCCARTH			
WAYNE MC FARLAND			J LORDA TAYLOR		TRENT HOLSMAN			
WOODY BOWERSOCK			SFTL	1:55.58	ERIN REILLY			
No Relays			Enzo J Pazos	25	SCOTT GREENWOOD			
400 M. MEDLEY R	MEN	360+	Yona Rubin	19	NOVA	1:47.70		
COAST MASTERS	12:59.05	07	Elizabeth Zubero	21	Gabriel Kirk	22		
WALTER PFEIFFER			J Lorda Taylor	23	Kennedy Hood	20		
WAYNE MC FARLAND			SDSM	2:03.59	C Feltenberger	23		
No Relays			Grace Thrasher	20	Jeff F Natalizio	37		
800 M. FREE REL	MEN	360+	Sergii Kukharskyi	30	DAM	1:49.49		
COAST MASTERS	25:29.59	07	Matt Boone	30	Marc Blumberg	26		
S WAYNE MCFARLAND			Kate Eisenbraun	19	Laurel Krovetz	19		
ROBERT CHRISTAINS			DKTA	2:07.51	Vivian A Crow	22		
WALTER PFEIFFER			Annie Hart	22	Satori Iwamoto	33		
WOODY BOWERSOCK			Ben Smith	33	MVN	1:52.58		
No Relays			Bridget Opdahl	24	Kaitlyn Jones	25		
			Jonathan Listul	20	Allison TerBush	29		
			NOVA	2:08.86	Ryan TerBush	29		
			Emily L Taifer	23	Daniel Roa	29		
			Gabriel Kirk	22	ROSE	1:54.22		
			Ivaylo Babalev	28	Lauren Frendreis	30		
			C Feltenberger	23	Karen Younkings	33		
			CVM	2:10.66	Christian Torres	24		
			Emily J Sharpe	22	Andrew P Lum	26		
			Brittany L DeValk	23	SKY	1:54.53		
			Andrew Barmann	26	Karen G Reynolds	33		
			Ore Wahnische	26	Abica Dubay	34		
			TXLA	2:20.72	William Kemp	20		
			Rachel Karen	27	William G Kolb	24		
			Carter Bulington	26	SFTL	1:55.68		
			Philip M Yeager	22	Yona Rubin	19		
			Rachel Deschner	23	Mariela Guerra	30		
			TFAM	2:21.38	Jamie L Marks	31		
			Aaron B Reeder	20	Harrison S Gibson	27		
			Kyle M Fredericks	28				
			Jamie Wilson	23				
			Lyndsie R Ivie	25				
			SVN	2:21.65				
			Lauren Nyberg	19				
			E Christiansen	22				

MIXED RELAYS

200 M. FREE REL	MIXED	72+	SWIM FORT LAUDER	1:45.12 19	ENZO PAZOS		400 M. FREE REL MIXED	100+
			ELIZABETH ZUBERO		J LORDA TAYLOR		SOUTHERN CAL AQU	3:54.81 09
			BLAKE WOODROW				NATHAN JANOS	
							J CORCORAN	
							ANN YEARWOOD	
							ERIK TOLMACHOFF	

OREG	4:42.20	MVN	1:54.78	USF	4:14.33	200 M. FREE REL MIXED 160+	
Paige Boles	20	Cailyn J Bugbee	31	Kristina Petrakis	30	TEAM TYR	1:42.27 06
Matthew S Boles	46	Mary Christie	36	Jonathan Salcedo	37	JOHN SMITH	
Emma Boles	21	Jesse Trowbridge	38	Danae Petrakis	27	RICH SAEGER	
Nathan Cage	21	Danny P Giometti	33	John Samotyj	38	COLLETTE SAPPEY	
USF	5:09.29	SDSM	1:56.60	NCMS	4:53.91	SHERI HART	
Juan Palabrica	22	Laurel Ball	28	Irish Holland	39	NOVA	1:49.07
Gerard Tavares	20	Kenton R Jones	52	Elise W Shank	23	Roberto E Delgado	44
Christine Chu	26	M Arzave Trujillo	25	Scott J Dallamura	41	Cara Davidoff	33
G Alwon-Mount	34	Alex Campbell	49	Sonny Nguyen	40	Cindy Bertelink	44
400 M. MEDLEY R MIXED 100+		SPM	1:56.66	FWYS	4:57.52	Wayne Hwang	41
WALNUT CREEK MAS 4:36.14 90		Jim Esposito	56	Conner P Pauly	22	SBM	1:51.06
PAM BOSCOVICH		C Deans-Brandt	23	Caitlyn Lawson	28	Michael L Power	51
JON JACQUES		Chelsea B Nauta	31	Bill Elizondo	52	Darlene Krohn	38
KERRY O'BRIEN		Tiffany F Weidner	34	Melanie I Koto	30	Javier Saldena	44
PAULA ROEMER		200 M. MEDLEY R MIXED 120+		MEMO	4:59.83	A Binder Brown	34
No Relays		PHOENIX SWIM CLU 1:50.77 12		Emmanuel Torres	33	OREG	1:53.38
800 M. FREE REL MIXED 100+		NORIKO INADA		Jimmy Song	36	Valerie G Jenkins	56
SOUTHERN CAL AQU 8:39.99 09		JEFF COMMINGS		Y de la Torre	49	John H McComish	53
ERIK TOLMACHOFF		MISTY HYMAN		Marley O Reilly	37	Matthew McComish	20
NATHAN JANOS		JOSE PONCE		400 M. MEDLEY R MIXED 120+		Julie A Peterson	44
J CORCORAN		SFTL	2:01.93	FORT LAUDERDALE 4:29.03 09		SFTL	1:53.87
ANN YEARWOOD		Rinaldo Sintjago	37	CARLOS FERNANDEZ		Damian A Garis	40
PALM	10:19.22	Jamie L Marks	31	KELLY LEGASPI		Heather B Congdon	41
Tyler P Sites	28	Heather B Congdon	41	L GALVAN-SARABIA		Jamie Herrington	54
Mary Gardner	27	Anthony L Ervin	38	JENNIFER MARTIN		Ryan B Rosenbaum	25
Benjamin LeMoine	35	SBM	2:02.66	PBM	4:50.10	SCAQ	1:54.59
Courtney Fetchen	24	Brooke J Green	40	Daniel Lotano	39	Ana Fradkin	46
O*H*	10:40.88	Curtis Lin	28	Michael Aubrey	58	Reid E Dammann	45
Michaela Munday	30	Jill C Jones	27	C Raininger	29	Angela Grillo	41
Elizabeth M Juran	28	Michael L Power	51	Stephanie L Rock	32	Brian McAteer	35
Tom M Dinh	26	SDSM	2:02.84	PALM	4:54.53	MVN	1:54.82
J Constantino	30	Emily S Parker	34	David E Rieder	25	Paul Mundl	42
200 M. FREE REL MIXED 120+		Lia Lombardi	24	Stacey L Bruce	45	Patty Furukawa	48
GOLD COAST MASTE 1:42.65 98		Scott Newmann	35	Michael J Malik	38	Kyle R Kurr	47
TODD PACE		J Hersherberger	33	Jamie Zazella	43	S Condor-Fisher	47
TRACIE MOLL		ROSE	2:06.56	GS	5:40.61	NCMS	1:55.68
JAMIE HERRINGTON		Lauren Turner	27	M Carpenter	40	Karen M Stump	41
KURT WIENANTS		Chad A Durieux	40	Nicole M Smith	37	Sara Dunn	47
SFTL	1:46.32	Kendra E Wilson	38	Robert D Seigler	41	Scott J Dallamura	41
Anthony L Ervin	38	David Jimenez	22	S Schneidet	36	Rob Butcher	47
Mallory E Watson	33	USF	2:07.14	MEMO	5:50.28	PSM	1:56.50
Katie Martin	36	Jonathan Salcedo	37	Elizabeth A Flynn	40	Mats Nygren	53
Rinaldo Sintjago	37	Danae Petrakis	27	Marley O Reilly	37	Morena I Calvo	32
GRA	1:49.11	John Samotyj	38	Emmanuel Torres	33	Holly Lickwala	43
Mario L Marshall	37	Kristina Petrakis	30	Ahren E Lehnert	46	Daniel L Phillips	56
Bree Irvin	28	K Fancher-Miller	36	NCMS	6:04.79	SDSM	1:56.75
Olivia Alva	28	Jake N Vogel	31	Elise W Shank	23	Kristina Maroudis	44
Damien Bernard	32	Andrew K Demand	36	Sonny Nguyen	40	Sergii Kukharskyi	30
SDSM	1:49.68	Marieille Balz	28	Scott J Dallamura	41	Kathy Homer	37
Scott Newmann	35	SFTL	2:07.25	Jen Smith	40	Brian D Strate	52
Kate Eisenbraun	19	Eric L Jackwin	30	TFAM	6:40.93	LVM	1:57.31
Kevin Mendenhall	36	Serge Wenzel	34	D McDonough	31	Karin M Wegner	47
Emily S Parker	34	Katie Martin	36	Richard Garza	31	Dan Wegner	48
ASC	1:50.70	Mallory E Watson	33	Carlos Rodriguez	30	Michelle Ashworth	56
Marielle Balz	28	MWA	2:07.96	Ashleigh R Gaulke	33	Seth Aldrich	38
Andrew K Demand	36	Aurelio S Figari	30	800 M. FREE REL MIXED 120+		200 M. MEDLEY R MIXED 160+	
Joan M Scaparra	32	Kenia Puertas	40	MOVY MASTERS 8:41.82 13		NOVAQUATICS MAST 1:56.34 19	
Jake N Vogel	31	Francisco Parra	25	JOY STOVER		JEFF NATALIZIO	
UMAC	1:52.64	Andrea Uzcategui	30	C PETERFISH		STEVE WEST	
Jeffrey Strahota	39	UMAC	2:08.79	TONY STEWART		STACEY BENNETT	
Mollie K Grover	38	Mollie K Grover	38	ANTHONY DIERS		CINDY BERTELINK	
Courtney Randolph	28	Courtney Randolph	28	USF	10:35.35	NOVA	1:56.34
J OLoughlin	36	Jeffrey Strahota	39	Bradley K Cline	25	Jeff F Natalizio	37
NOVA	1:52.88	J OLoughlin	36	Doston Ganiyev	32	Steve West	47
Robert C Dmytrow	38	LVM	2:09.27	Martha Gerhan	58	Stacey A Bennett	49
Rachel Weinstein	26	Seth Aldrich	38	Christine Chu	26	Cindy Bertelink	44
Emily L Taifer	23	Brian Gong	19	NCMS	10:53.17	NCMS	2:01.12
Keith Ryan	35	Catriona Cuthbert	30	Irish Holland	39	Trace U Sauter	31
PALM	1:54.34	Karin M Wegner	47	Elise W Shank	23	Kerry Lindauer	45
Sadie Fieni	29	400 M. FREE REL MIXED 120+		Scott J Dallamura	41	Scott J Dallamura	41
Tyler P Sites	28	MOVY MASTERS 3:56.36 11		Sonny Nguyen	40	Erika L Braun	47
Michael J Malik	38	TONY STEWART				ARIZ	2:07.04
Erin C Moro	41	CHRISTIE FUCHS				Becki P Major	56
		JOY STOVER				Keisuke Yagi	33
		ANTHONY DIERS				Laurel S Hill	50
						John B Sarikas	26

OREG	2:07.84	RPM	5:45.64	WCM	1:59.81	400 M. FREE REL MIXED 200+	
Matthew McComish	20	Caitlin M Heffley	27	Alison H Zamanian	49	ILLINOIS MASTERS 4:02.62 15	
Gary L Patterson	60	Sean Solberg	41	Kerry L O'Brien	62	DAVID SIMS	
Julie A Peterson	44	Ron A Taylor	59	Bonnie M Bilich	61	ANDREA BLOCK	
Linda Parmentier	51	Karen C Harris	53	Jon Boone	56	LIZ DILLMANN	
SCAQ	2:07.99	TFAM	6:27.09	NTXL	1:59.99	JIM TUCHLER	
Brian McAteer	35	Erin M Roehrig	28	Mark W Glass	45	PALM	4:27.95
R Pescatori	48	M Arriola Clemenz	42	Kristin Henderson	59	Joe Shake	61
Ana Fradkin	46	David Mikels	50	J Woolslayer	66	Stacey L Bruce	45
Reid E Dammann	45	Richard D Norton	71	Michael B Doyle	55	Erin C Moro	41
SFTL	2:09.65	800 M. FREE REL MIXED 160+		UCLA	2:00.31	Andy Cook	55
Jamie Herrington	54	ROCKWELL AQUATIC 8:50.20 15		Evie S Lynch	67	NTXL	4:38.39
Damian A Garis	40	STEPHANIE STONE		Christie Ciraulo	66	Robert Czerwinski	56
Ryan D Williams	46	SCOTT CARPENTER		Joel D Rector	37	Stephanie Stewart	56
Kathleen Sandner	42	RAENA ELDRIDGE		Markus A Rogan	37	Heather M Frees	36
MVN	2:11.43	STEWART CARROLL		MVN	2:00.87	Michael B Doyle	55
David M Sumner	49	PBM	9:56.52	Jeffrey Mitchell	50	MEMO	4:41.89
S Condor-Fisher	47	C Raininger	29	Melissa Going	50	Aron Parker	49
Patty Furukawa	48	L Irish Bostic	56	Kevin C Weissman	57	Vicki Shu	51
Kyle R Kurr	47	Michael Aubrey	58	J Batcheller	51	Clare P Burger	52
TYSM	2:12.12	Daniel Lotano	39	200 M. MEDLEY R MIXED 200+		Daniel F Collazos	50
Cortlin Croft	30	MEMO	11:15.19	OREGON MASTERS 2:01.98 16		NTXL	4:49.24
David B Lewis	48	Marley O Reilly	37	VALERIE JENKINS		J Schauwecker	30
Lance C Croft	31	Jimmy Song	36	KURT GROTE		Alison Moore	49
Susan Tokayer	59	Elizabeth A Flynn	40	GABE DUUS		Gary Cates	68
NEM	2:13.01	Aron Parker	49	K ANDRUS-HUGHES		Peter J Tarter	59
Chuck Barnes	43	David S Hayward	59	PBM	2:03.30	MINN	4:50.22
Harvey Ottinger	62	Paul Mundl	42	Holly Green Blair	56	Caroline Lambert	47
Madison Behan	24	E Christiansen	22	Michael Aubrey	58	Peggy Kratz	59
Karin E Stokes	58	Lisa W Zawistoski	50	Daniel Lotano	39	Sean Bateman	50
NOVA	2:13.44	WMAC	12:06.84	L Irish Bostic	56	Steven Gruenwald	58
Stephanie Kramer	45	Scotty A Conley	49	SHARK	2:07.50	WCM	4:52.14
Jeff Hoskinson	46	Mindy E Seidler	40	Edward H Mench	53	Kerry L O'Brien	62
Chris Ciborowski	47	Bobby Wu	46	Casey M Keiber	42	Charlene O'Brien	63
Carrie A Ohm	46	Julie Van Cleave	60	Melissa D Varlas	46	Amy M Cook	55
400 M. FREE REL MIXED 160+		HAFL	14:21.22	Jack R Groselle	65	Doug J Cook	56
NORTH CAROLINA M 3:57.18 16		Tim L Krajewski	38	CVMM	2:08.80	SPM	4:54.33
ERIKA BRAUN		Julie Finlon	36	Michael J Boosin	53	Michael R Smith	62
SCOTT DALLAMURA		Blaise M O'Neill	61	Doug J Koehler	53	Cheryl A Kupan	55
KERRY LINDAUER		Kathleen M Casey	60	Arlette A Godges	55	Michael L Zabel	59
VAN FLETCHER		200 M. FREE REL MIXED 200+		Becky Cleavenger	56	Dawn Clark	55
PSM	4:30.99	COLORADO MASTERS 1:44.96 06		MVN	2:09.95	BERK	5:03.10
Holly Lickwala	43	TRIP HEDRICK		Jane A Hoag	53	Barbara McGregor	60
Morena I Calvo	32	KIM CROUCH		Melissa Going	50	Michael Recchia	61
Erik D Petersen	31	KATHY GARNIER		Steve Gunnell	49	Dellaratta-Duffy	50
Carl Haynie	59	RICHARD ABRAHAMS		Douglas C Barker	56	Jeffrey J Jotz	49
SHARK	4:41.17	PBM	1:51.00	NTXL	2:11.59	SMAC	5:06.71
Edward M Clissold	45	Daniel Lotano	39	Monica M Bailey	58	Glen Osborne	55
Casey M Keiber	42	L Irish Bostic	56	Richard Neville	63	Donita L Flecker	37
Charles M Denault	56	Holly Green Blair	56	Michael B Doyle	55	Cindi Connolly	55
Melissa D Varlas	46	Michael Aubrey	58	J Schauwecker	30	Kevin Keating	56
SDSM	5:13.86	CVMM	1:52.92	MAM	2:15.78	GS	5:37.19
Michael A Given	55	Stephen Y Ball	49	Rick M Hamilton	52	Barbara A Barber	67
Makiko Maemoto	41	Michael J Boosin	53	Susanne P Rublein	49	Jack Read	50
Aditya Kamath	27	Arlette A Godges	55	Peter C Finney	52	Carolyn B Moore	58
Marieke Thayer	58	Becky Cleavenger	56	Juliet E Cox	51	Mark Kothe	53
NCMS	5:21.38	NOVA	1:53.45	NTXL	2:18.22	400 M. MEDLEY R MIXED 200+	
Jean Livingston	24	Steve West	47	Stephanie Stone	52	ILLINOIS MASTERS 4:33.17 15	
Sara Dunn	47	Michele N Merritt	50	Robert Czerwinski	56	JIM TUCHLER	
Jamie A Miller	65	Terri MacDougall	55	Kristin Henderson	59	DAVID SIMS	
Greg Sanchez	62	Jim Dietrich	48	Mark W Glass	45	ANDREA BLOCK	
TFAM	6:30.79	NEM	1:57.78	UCLA	2:19.35	LIZ DILLMANN	
Erin M Roehrig	28	Tom Phillips	45	Tito Morales	60	PALM	5:02.50
Lauren Van Allen	39	Karin E Stokes	58	Mary K Jurey	53	David Betenbaugh	44
Nathan George	40	Karen Bierwert	67	Joel D Rector	37	E De Herder	61
Mike Wilson	53	Chuck Barnes	43	Olivia Karlin	55	Erin C Moro	41
400 M. MEDLEY R MIXED 160+		OREG	1:57.78	RMST	2:20.17	Andy Cook	55
NORTH CAROLINA M 4:26.15 16		Wes Edwards	66	Denise Wetzel	54	MAM	5:08.86
VAN FLETCHER		David Hathaway	59	Craig M Baldwin	45	Juliet E Cox	51
TODD TORRES		Julie C Kamat	32	Kim M Brightwell	59	Susanne P Rublein	49
ERIKA BRAUN		C Mcclafferty	46	Ron Stach	52	Peter C Finney	52
KERRY LINDAUER		WIND	1:59.70	PALM	2:20.87	Rick M Hamilton	52
NTXL	5:34.52	Ryan F Foster	44	Brenda E Shaw	52	TFAM	5:38.60
Tom Wolf	65	Robert Fremont	61	Andy Dyer	61	Diana H McDonough	56
J Schauwecker	30	Natasha Reiss	50	C Hallman-Kenner	54	Dave Doll	56
Heather M Frees	36	Caroline Krattli	57	Benjamin LeMoine	35	Benjamin A Reed	44
Bob Maryan	67					J McEachern	45

GS	5:39.72	Jane E Russell	56	Arlene Delmage	57	MVN	6:06.51
Carolyn B Moore	58	Satori Iwamoto	33	John H McComish	53	Ian M Stuart	72
Robert P McAdam	57			CVMM	2:20.83	Norman B Walton	61
James Secoy	49	200 M. FREE REL MIXED 240+		Kirkpatrick-Reno	64	Beverly Montrella	73
Kim Merriwether	48			Clive G Edwards	66	Gwen Uthus	65
MINN	5:42.14	SARASOTA Y SHARK 1:54.54 16		Mark Buckley	66	TFAM	6:39.49
Caroline Lambert	47	DOUG MARTIN		Beata M Konopka	50	Lesly J Bondy	56
Sean Bateman	50	JACK GROSELLE		NTXL	2:23.21	Kristen Barndt	54
Peggy Kratz	59	NANCY KRYKA		Monica M Bailey	58	Richard D Norton	71
Steven Gruenwald	58	LAURA KIRKPATRICK		Robert Kelsoe	66	Sandy G Thatcher	76
SDSM	6:12.42	NOVA	1:59.29	Jay W Leigh	61	USF	6:46.96
Darrell L Jett	61	Tim P Buckley	64	Lynn Morrison	65	Bill Burke	65
Makiko Maemoto	41	Katie Osborne	56	SDSM	2:23.93	Audrey J Dunn	66
Michael A Given	55	Veronica Hibben	63	Irene T Damsky	54	Barbara G Byrnes	63
Marieke Thayer	58	John Lorenz	63	G Von Hoffmann	63	Julian Sapirstein	70
MVN	6:43.95	TAM	1:59.45	Cathy Ganze	62		
Sherry Brooks	59	Laura B Val	68	Bill G Behun	68	400 M. MEDLEY R MIXED 240+	
Paul Mundl	42	Barbara C Wheeler	62	SDSM	2:25.39	TAMALPAIS AQUATI 4:51.95 09	
Lisa W Zawistoski	50	Richard Burns	76	Tord E Benner	60	RICHARD BURNS	
Norman B Walton	61	D Shoenberger	45	Lisa M Simpson	55	KENNETH FROST	
CMAM	7:11.70	OREG	2:01.36	Karen R Sing	62	LAURA VAL	
Doug A Cort	69	Doug Brockbank	66	Mike Keeney	65	BARBARA WHEELER	
Michael S Kazek	58	Colette M Crabbe	63	ARIZ	2:30.61	NTXL	4:59.71
Cynthia Trevisan	54	Arlene Delmage	57	Scott D Shake	61	Stephanie Stone	52
Susan A Saba	52	Gary L Patterson	60	Jean T Ornelas	65	Richard Neville	63
800 M. FREE REL MIXED 200+		ARIZ	2:05.13	Terry Richardson	58	Jay W Leigh	61
CONEJO VALLEY MA 9:15.06 18		Mark E Modjeska	66	Christie Altman	70	Lynn Morrison	65
BECKY CLEAVENGER		Becki P Major	56	WMST	2:31.81	PALM	5:50.39
JILL GELLATLY		Christie Altman	70	Mary Anne Hines	62	Jay Brzezinski	72
KELLY KARRER		Kurt F Dickson	52	Considine-Miller	56	Jamie W Wilson	53
DOUG KOEHLER		PBM	2:06.02	Steve G White	59	Maria L Elias	55
SHARK	9:18.03	Lee Childs	71	Niels U Wolfhagen	63	Joe Shake	61
Jack R Groselle	65	L Irish Bostic	56	PSM	2:32.23	CVMM	5:53.09
Scott Jarr	52	Chris Wenzel	60	Michael McColly	74	Robert A Rosen	69
Rebecca A Aten	43	Michael Aubrey	58	Rick Colella	68	J Weiderman	53
Melissa D Varlas	46	SDSM	2:08.43	Mariel Colella	34	Mark Buckley	66
MAM	10:06.08	Karen R Sing	62	Charlotte M Davis	69	Niki F Stokols	62
Susanne P Rublein	49	Cathy V Neville	62	400 M. FREE REL MIXED 240+		SLAM	6:16.75
Juliet E Cox	51	Bill G Behun	68	SARASOTA Y SHARK 4:24.45 14		Mary M Pohlmann	74
Chris S Bond	52	Mike Bouchard	52	JACK GROSELLE		Clay A Kolar	70
Peter C Finney	52	NTXL	2:10.68	LAURA GROSELLE		Bob Golz	62
SDSM	10:24.75	Peter J Tarter	59	NANCY KRYKA		Eileen D Walker	56
Jasmine Stiles	53	Cathy J Custer	64	BOB COUCH		MAM	6:26.29
Kristina Maroudis	44	C McKelvey	66	SHARK	4:27.49	Ruth Y Shaps	72
Stephen Rozow	51	Robert Czerwinski	56	Jack R Groselle	65	Gary T Fitschen	74
Mike Bouchard	52	DAM	2:10.74	Karen L Einsidler	63	Steve Cutting	62
MINN	10:50.94	Stuart L Kahn	66	Rebecca A Aten	43	Teddy Palmer	65
Caroline Lambert	47	Mary J Kahn	60	NTXL	4:38.85	ARIZ	6:40.48
Sean Bateman	50	Sally K Guthrie	69	Mark W Glass	45	Terry Ludwig	69
Peggy Kratz	59	Scott Muir	46	J Woollslayer	66	David V Taylor	71
Steven Gruenwald	58	CVMM	2:13.85	Lynn Morrison	65	Susan Moss Fuller	53
O*H*	10:57.36	Doug J Koehler	53	Tom Wolf	65	Jeanie Polak	58
Diane F Spence	66	Richard Scoggins	64	PALM	4:40.09	USF	6:51.63
Chuck Beatty	60	Diane G Smith	74	Jamie W Wilson	53	Bryan W Andrews	68
Kristen Bergmann	47	Denise M Hearst	61	Andy Dyer	61	Kim S Ridinger	68
Edward J Borsuk	66	SKY	2:14.73	Maria L Elias	55	Carol M Ogilvie	64
NTXL	11:17.21	Mary C Curl	62	Jay Brzezinski	72	Patricia Cericola	62
Robert Kelsoe	66	Pam H Martin	62	CVMM	4:59.08	RHMS	6:52.60
Bob Welty	75	Jim Martin	61	Robert A Rosen	69	Linda Hepworth	66
Alison Moore	49	Richard Ransdell	56	Mark Buckley	66	C Hayes-Rupp	62
Heather M Frees	36	200 M. MEDLEY R MIXED 240+		Niki F Stokols	62	Greg Laudenslager	58
HAFL	11:33.05	PUGET SOUND MAST 2:08.11 16		J Weiderman	53	Don M Davis	75
David M Walley	54	LISA DAHL		Eric D Van Boer	65	MOVY	7:02.50
Dale A LeClair	50	RICK COLELLA		Greg Laudenslager	58	Bill Sherman	61
Ann K Stewart	49	DONALD GRAHAM		Jennifer Houts	54	Jeanne Mathiesen	65
John S Grzeszczak	61	CHARLOTTE DAVIS		Linda Hepworth	66	Anthony Thompson	55
USF	11:41.07	NOVA	2:09.15	MAM	5:49.45	Patricia Conley	63
Lorenzo Paris	53	Jamie Fowler	60	Ruth Y Shaps	72	SCHH	7:27.35
Eugene C Gregor	59	Henry Vehovec	61	Teddy Palmer	65	Cynthia A Smith	66
Carol M Ogilvie	64	Veronica Hibben	63	Gary T Fitschen	74	Rick McFadden	67
Kathleen McNamara	59	Katie Osborne	56	Peter C Finney	52	Amy Koepp	45
ARIZ	11:54.25	WCM	2:14.03	ARIZ	5:58.95	Gary E Germeraad	69
Jeanie Polak	58	Bonnie M Bilich	61	Jeanie Polak	58	800 M. FREE REL MIXED 240+	
Susan Moss Fuller	53	Bryan D Volpp	62	Susan Moss Fuller	53	SARASOTA Y SHARK 9:54.42 17	
Mark A Randall	62	Charlene O'Brien	63	Steven R Willer	65	JACK GROSELLE	
Michael J Polak	58	Loren Druz	63	Jack Allison	68	RICK WALKER	
DAM	12:47.58	OREG	2:16.74			LAURA GROSELLE	
Robert F Norris	81	Colette M Crabbe	63			K PARKER PALACE	
M Belluomini	42	Allen L Stark	70				

OREG	10:05.34	J Dillon Stewart	77	RICK MEYERHOFF		Terry Ludwig	69
Dan L Kirkland	71	Lawrence Mueller	75	RICHARD BURNS		James S Spiegel	72
David Hathaway	59	SDSM	2:45.91	SHARK	5:26.10	SCHH	16:09.03
K Andrus-Hughes	62	William W Haines	82	Bob E Couch	72	Joanne F Stewart	81
Francie Haffner	52	Gini Baker	69	Don A Claridge	74	Cynthia A Smith	66
CVMM	11:02.44	Cathie Ellis	68	Nancy Kryka	64	Gary E Germeraad	69
J Weiderman	53	G Von Hoffmann	63	June Carson	71	Rick McFadden	67
Niki F Stokols	62	DAM	2:50.41	ARIZ	6:24.37	USF	16:34.21
Robert A Rosen	69	Anthony E Christo	73	Lyn M Moreno	71	Randy S Schiller	71
Mark Buckley	66	Susan L Munn	81	Martha Takakoshi	66	Anne B Long	77
PALM	11:09.03	L Westergaard	76	Douglas Springer	73	Audrey J Dunn	66
E De Herder	61	Andrew McPherson	72	James S Spiegel	72	Bryan W Andrews	68
Jay Brzezinski	72	MEMO	2:56.67	O*H*	6:37.07	USF	16:55.64
Brenda E Shaw	52	Louise Rafkin	61	Marilyn Douglass	70	Susan J Allen	75
Kirby Burkholder	58	Marcia S Benjamin	63	Yoshi Oyakawa	86	Martha C Campbell	71
DAM	11:29.89	David L Benjamin	70	Nick Douglass	70	Michael W Moore	69
Mary J Kahn	60	Barry T Galvin	86	Melinda J Smith	67	Julian Sapirstein	70
David L Woodruff	63	200 M. MEDLEY R MIXED	280+	WCM	6:52.70	MINN	17:42.72
Stuart L Kahn	66	TAMALPAIS AQUATI	2:21.20 15	Robert W Mayo	86	Mark Kaplan	70
Sally K Guthrie	69	LAURA VAL		Gretchen Rothrock	70	Mary C Hoover	70
MEMO	12:42.74	KENNETH FROST		Stephanie I Scott	72	Carol L Bell	68
Louise Rafkin	61	RICHARD BURNS		James R DeLacy	73	David C Arlander	78
Robert Inchausti	57	NANCY RIDOUT		MINN	7:23.44	200 M. FREE REL MIXED	320+
Marcia S Benjamin	63	SDSM	2:31.60	Marc S Anderson	70	OREGON MASTERS	2:35.97 16
Peter Tsugawa	61	Christine Siegel	62	AnnLiv Bacon	77	REBECCA KAY	
USF	15:36.14	Peter Andersen	76	Mary R Vonderharr	66	WILLARD LAMB	
Stephen L Young	61	Andra Jaunzeme	66	Robin T Kleffman	72	BARBARA FRID	
Barbara G Byrnes	63	Tony Ralphs	76	David L Benjamin	70	DAVID RADCLIFF	
Darcy C Cohn	68	SFTL	2:50.87	Denise Lai	63	OREG	2:43.95
Ping Mai	49	Rosa V Ventura	72	Molly Singer	65	Willard J Lamb	97
ARIZ	15:52.78	Linda Webb	74	Barry T Galvin	86	Ronald K Nakata	80
Martha Takakoshi	66	David L Zubero	60	Joanne F Stewart	81	Janet Gettling	71
Karen Wang	57	Ami A Trauber	80	Cynthia A Smith	66	Joy Ward	77
Douglas Springer	73	SBM	2:54.48	Pete Gordon	74	SDSM	2:50.00
Jack Allison	68	Jeff Farrell	82	Rick McFadden	67	Mike R Freshley	78
VMST	21:10.89	C Gutierrez	67	MOST	7:38.27	Bob Best	87
Cheryl H Ptak	71	E Boscacci	63	DeEtte A Sauer	78	Anne H Williams	81
Ralph B Swiger	62	Oded Rencus	74	Louis M Raiborn	88	Jackie M Marr	76
Victoria Nicholls	52	DAM	2:59.91	William V Blake	82	ROSE	3:36.55
Bryan A Stone	62	Robert F Norris	81	Deborah Pederson	62	Maurine Kornfeld	98
200 M. FREE REL MIXED	280+	Kristine T Hornof	72	FACT	7:54.77	Rega Petlin	63
TAMALPAIS AQUATI	2:05.58 17	Andrew McPherson	72	Ken R Hickey	74	John W House	78
RICHARD BURNS		Sally K Guthrie	69	Martha Henderson	83	William Fleming	84
LAURA VAL		SVN	3:02.98	Meegan Wilson	71	DAM	3:56.04
NANCY RIDOUT		Steven G Wigely	70	Bill Rodenfels	77	Robert F Norris	81
TATE HOLT		Gwen Uthus	65	400 M. MEDLEY R MIXED	280+	Susan L Munn	81
SDSM	2:10.34	Beverly Montrella	73	TAMALPAIS AQUATI	5:28.17 15	L Westergaard	76
Tony Ralphs	76	Ian M Stuart	72	RICHARD BURNS		Mark Braly	84
Andra Jaunzeme	66	SDSM	3:07.13	KENNETH FROST		MOST	5:16.01
Peter Andersen	76	Laurance O Hill	81	LAURA VAL		Sara M Sievert	94
Cathy Ganze	62	Gini Baker	69	NANCY RIDOUT		James F Oster	78
SFTL	2:25.82	Joe E Russell	65	ARIZ	7:41.84	DeEtte A Sauer	78
David L Zubero	60	M Riley-Hagan	66	Lyn M Moreno	71	Louis M Raiborn	88
Linda Webb	74	SDSM	3:09.45	Jack Allison	68	200 M. MEDLEY R MIXED	320+
Rosa V Ventura	72	Laurence Walker	76	Douglas Springer	73	OREGON MASTERS	3:05.67 19
Ami A Trauber	80	William W Haines	82	Wendy Weinberg	74	JOY WARD	
WCM	2:30.27	Dr Kaguni	67	MEMO	7:50.43	RONALD NAKATA	
Stephanie I Scott	72	Marieke Thayer	58	David L Benjamin	70	MARGARET TOPPEL	
Lori D Boettler	73	NTXL	3:10.83	Barry T Galvin	86	WILLARD LAMB	
Robert H Olson	75	Cathy J Custer	64	Louise Rafkin	61	OREG	3:05.67
James R DeLacy	73	C McKelvey	66	Marcia S Benjamin	63	Joy Ward	77
SVN	2:30.58	Bob Welty	75	MINN	8:23.78	Ronald K Nakata	80
Ian M Stuart	72	Ken Pipkin	75	Pete Magee	82	Margaret H Toppel	71
Steven G Wigely	70	WMAC	3:17.99	Mary F Conway	69	Willard J Lamb	97
Beverly Montrella	73	J Dillon Stewart	77	Gary M Fine	69	SDSM	3:08.65
Gwen Uthus	65	Mary P Schneider	67	AnnLiv Bacon	77	Jackie M Marr	76
PBM	2:34.76	Carl Millholland	67	800 M. FREE REL MIXED	280+	Anne H Williams	81
Robert A Heacock	70	Lawrence Mueller	75	TAMALPAIS AQUATI	11:18.04 17	Mike R Freshley	78
Carolynn Foley	76	RHMS	3:24.14	RICHARD BURNS		Bob Best	87
Wiley R Reynolds	76	Maggie H Tevis	71	LAURA VAL			
Eney Jones	59	Don M Davis	75	NANCY RIDOUT			
SDSM	2:35.63	Michael Maritzen	63	ALAN BERNARD			
Laurence Walker	76	Annette M Coholan	71	ARIZ	14:37.08		
George L Carey	77	400 M. FREE REL MIXED	280+	Lyn M Moreno	71		
Dr Kaguni	67	TAMALPAIS AQUATI	5:03.30 16	Wendy Weinberg	74		
M Riley-Hagan	66	LAURA VAL					
WMAC	2:45.83	NANCY RIDOUT					
Dean T Fochios	65						
Mary P Schneider	67						

400 M. FREE REL MIXED 320+

OREGON MASTERS 6:07.33 17
WILLARD LAMB
JOY WARD
JANET GETTLING
DAVID RADCLIFF
No Relays

400 M. MEDLEY R MIXED 320+

OREGON MASTERS 7:17.49 17
WILLARD LAMB
GINGER PIERSON
JOY WARD
DAVID RADCLIFF
No Relays

800 M. FREE REL MIXED 320+

SAN DIEGO SWIM M14:44.35 07
FRANK TANNER
JURGEN SCHMIDT
ADRIENNE PIPES
RITA SIMONTON
No Relays

200 M. FREE REL MIXED 360+

MISSION VIEJO MA 3:36.78 13
FRANK PIEMME
MAURINE KORNFELD
RITA SIMONTON
JURGEN SCHMIDT
No Relays

200 M. MEDLEY R MIXED 360+

MISSION VIEJO MA 4:19.30 13
RITA SIMONTON
JURGEN SCHMIDT
FRANK PIEMME
MAURINE KORNFELD
No Relays

400 M. FREE REL MIXED 360+

MISSION VIEJO MA 8:26.02 13
FRANK PIEMME
MAURINE KORNFELD
RITA SIMONTON
JURGEN SCHMIDT
No Relays

400 M. MEDLEY R MIXED 360+

MISSION VIEJO MA10:20.46 13
RITA SIMONTON
JURGEN SCHMIDT
FRANK PIEMME
MAURINE KORNFELD
No Relays

800 M. FREE REL MIXED 360+

MISSION VIEJO MA18:14.23 13
FRANK PIEMME
MAURINE KORNFELD
RITA SIMONTON
JURGEN SCHMIDT
No Relays

Errata for 2018-2019 Short Course Yards

400 YD MEDLEY R MEN 45+

NCMS	4:13.97
Morten Andersen	48
Tyge Pistorio	53
Thomas H Hilgen	54
Stratton Smith	54
NEM	4:21.73
Bob Tyler	56
Craig Hersh	47
Stephen R Carroll	49
Bob R Plencner	66
ADMS	4:22.62
Tim Sinnenberg	51
Bill M Matz	51
Amon S Emeka	50
Steven L Atkins	55
SWED	4:29.49
Billy Cordero	51
Chris Lozier	49
Jacob Edie	45
Peter McWeeny	51
PBM	4:32.49
Erik A Hanssen	47
D Meckelnburg	53
Lennart Lindahl	48
John V Colvin	54
MEMO	4:33.63
Todd Wehmann	46
Long Wu	53
Daniel F Collazos	49
David Lopez	53
CVMM	4:34.41
Stephen Y Ball	48
Doug J Koehler	52
Edward C Waldron	52
Jim Elowitt	48
RICE	4:41.16
Boyd E Black	62
Bradley A Ohnstad	62
Brett S Tanabe	51
David W Childers	64
TFAM	4:43.38
Alan D Cole	53
Dave Doll	55
Patrick H Kennedy	46
Bert J Lane	48
CONN	4:56.60
Gerald O Burbank	60
Benjamin Wyckoff	54
William Geoghegan	68
Christopher Doyle	54



FINA WORLD MASTERS RECORDS - LONG COURSE METERS AS OF SEPT 30, 2019

***** MEN *****									
***** 25-29 *****									
22.30	02/18/2017	FIN	A.LIUKKONEN	50	M.	FREE	Annabel KOSTEN	NED	02/15/2004 25.42
50.45	06/07/2013	USA	Matthew MCGINNIS	100	M.	FREE	Emma GAGE	GBR	08/11/2015 56.96
1:50.76	08/16/2017	ESP	D.DURANGO	200	M.	FREE	Megan JENDRICK	USA	07/10/2010 2:04.56
4:00.98	08/18/2002	USA	Honza VITAZKA	400	M.	FREE	Sophie CASSON	GBR	06/18/2011 4:18.62
8:24.67	06/29/1997	USA	Alex KOSTICH	800	M.	FREE	Swann OBERSON	SUI	03/10/2012 8:45.89
16:13.78	04/12/2015	ESP	Rafael CABANILLAS	1500	M.	FREE	Swann OBERSON	SUI	03/11/2012 16:34.89
25.44	04/03/2016	RUS	Anton BUTYMOV	50	M.	BACK	Emi MORONUKI	USA	08/02/2018 28.39
55.87	04/12/2013	NZL	Kurt CROSLAND	100	M.	BACK	Emi MORONUKI	USA	07/31/2018 1:01.60
2:02.76	04/26/2019	RUS	Dmitriy GORBUNOV	200	M.	BACK	Emi MORONUKI	USA	07/30/2018 2:13.19
27.58	09/08/2019	JPN	Yuki KANAYA	50	M.	BRST	Megan JENDRICK	USA	07/10/2010 31.60
1:01.66	07/15/2018	JPN	Yuki KANAYA	100	M.	BRST	Megan JENDRICK	USA	07/10/2010 1:10.56
2:11.78	08/10/2013	USA	C.BURCKLE	200	M.	BRST	Hitomi MATSUDA	JPN	07/17/2006 2:35.46
23.71	08/16/2008	USA	Kohei KAWAMOTO	50	M.	FLY	Masako KUROKI	JPN	06/16/2019 26.32
53.09	08/15/2008	USA	Kohei KAWAMOTO	100	M.	FLY	Anna POLIAKOVA	RUS	08/13/2015 59.99
2:00.98	06/16/2019	JPN	Ko FUKAYA	200	M.	FLY	Hannah SAIZ	USA	05/20/2017 2:15.02
2:03.62	04/28/2019	RUS	Dmitriy GORBUNOV	200	M.	I.M.	Hitomi MATSUDA	JPN	10/02/2005 2:20.71
4:30.05	09/12/2009	BRA	Diogo YABE	400	M.	I.M.	Hitomi MATSUDA	JPN	11/05/2006 5:02.78
***** MEN *****									
***** 30-34 *****									
22.13	07/13/2013	USA	Roland SCHOEMAN	50	M.	FREE	Martina MORAVCOVA	USA	06/06/2008 25.74
49.80	07/23/2016	USA	Darian TOWNSEND	100	M.	FREE	Erika ERNDL	USA	07/11/2009 55.24
1:49.56	08/06/2016	USA	Darian TOWNSEND	200	M.	FREE	N.JUNKRAJANG	THA	08/14/2019 2:02.35
3:58.12	07/23/2016	USA	Darian TOWNSEND	400	M.	FREE	Dawn HECKMAN	USA	07/16/2011 4:18.63
8:08.53	03/11/2012	GER	Jan WOLFGARTEN	800	M.	FREE	Dawn HECKMAN	USA	07/14/2011 8:46.47
15:25.79	03/11/2012	GER	Jan WOLFGARTEN	1500	M.	FREE	Sophie CASSON	GBR	06/16/2017 17:20.55
25.97	08/06/2016	USA	Darian TOWNSEND	50	M.	BACK	Noriko INADA	USA	08/07/2012 28.57
55.93	07/13/2014	USA	Darian TOWNSEND	100	M.	BACK	Noriko INADA	USA	08/06/2011 1:01.78
2:02.75	11/24/2000	BRA	Rogerio ROMERO	200	M.	BACK	Sarabeth METZGER	USA	08/06/2009 2:17.61
27.95	09/01/2019	JPN	Ryo KOBAYASHI	50	M.	BRST	Nicole HEIDEMANN	GER	09/03/2013 32.22
1:01.25	08/31/2019	JPN	Ryo KOBAYASHI	100	M.	BRST	Hitomi MATSUDA	JPN	10/03/2009 1:10.10
2:18.04	07/07/2012	USA	Gary MARSHALL	200	M.	BRST	Hitomi MATSUDA	JPN	10/17/2009 2:28.93
23.26	07/13/2013	USA	Roland SCHOEMAN	50	M.	FLY	Martina MORAVCOVA	USA	06/07/2008 27.48
53.65	07/27/2014	USA	Darian TOWNSEND	100	M.	FLY	Martina MORAVCOVA	USA	06/07/2008 58.81
2:03.43	08/17/2019	JPN	Takatsugu OGA	200	M.	FLY	Mette JACOBSEN	DEN	05/07/2006 2:13.60
2:02.18	05/22/2016	USA	Darian TOWNSEND	200	M.	I.M.	Erika ERNDL	USA	07/07/2009 2:13.89
4:20.81	07/23/2016	USA	Darian TOWNSEND	400	M.	I.M.	Hitomi MATSUDA	JPN	11/08/2009 4:56.08
***** MEN *****									
***** 35-39 *****									
22.76	08/20/2005	GBR	Mark FOSTER	50	M.	FREE	Dara TORRES	USA	08/08/2006 25.98
50.78	09/27/2009	JPN	Hideaki HARA	100	M.	FREE	Erika ERNDL	USA	07/09/2016 58.09
1:52.84	08/06/2006	USA	Vlad PYSHNENKO	200	M.	FREE	Erika ERNDL	USA	07/09/2016 2:05.97
4:05.91	03/10/2012	BUL	Petar STOYCHEV	400	M.	FREE	K.PIPES-NEILSEN	USA	08/10/1997 4:26.17
8:18.44	03/10/2012	BUL	Petar STOYCHEV	800	M.	FREE	Kirsten CAMERON	AUS	11/18/2012 9:08.47
16:00.04	03/11/2012	BUL	Petar STOYCHEV	1500	M.	FREE	Heidi GEORGE	USA	08/06/2015 17:17.22
26.43	08/20/2017	PNG	Ryan PINI	50	M.	BACK	Noriko INADA	USA	08/18/2016 28.63
57.91	08/19/2017	PNG	Ryan PINI	100	M.	BACK	Noriko INADA	USA	08/19/2017 1:01.75
2:07.97	06/22/2016	ITA	Marco MACCIANTI	200	M.	BACK	K.PIPES-NEILSEN	USA	08/10/1997 2:18.20
28.47	10/24/2009	RUS	Vladislav BRAGIN	50	M.	BRST	Nicole HEIDEMANN	GER	08/20/2017 32.67
1:02.72	10/25/2009	RUS	Vladislav BRAGIN	100	M.	BRST	Katie GLENN	USA	08/08/2013 1:12.34
2:20.29	06/05/2004	GBR	Nick GILLINGHAM	200	M.	BRST	Hitomi MATSUDA	JPN	06/10/2012 2:35.40
24.14	08/15/2015	USA	Kohei KAWAMOTO	50	M.	FLY	Noriko INADA	USA	08/05/2014 27.46
53.65	08/02/2018	USA	Kohei KAWAMOTO	100	M.	FLY	Lynne HAYES	AUS	03/19/2009 1:02.44
2:02.54	04/26/2019	RUS	Nikolay SKVORTSOV	200	M.	FLY	K.PIPES-NEILSEN	USA	08/10/1997 2:20.21
2:05.65	07/07/2019	USA	Darian TOWNSEND	200	M.	I.M.	Hitomi MATSUDA	JPN	01/14/2012 2:21.47
4:36.66	08/14/2019	GRE	I.DRYMONAKOS	400	M.	I.M.	Hitomi MATSUDA	JPN	06/16/2012 4:59.59
***** MEN *****									
***** 40-44 *****									
23.25	07/15/2018	JPN	Hideaki HARA	50	M.	FREE	Edith OTTERMANN	RSA	11/07/2009 26.44
51.21	07/14/2018	JPN	Hideaki HARA	100	M.	FREE	Erika BRAUN	USA	06/08/2013 58.04
1:53.65	08/02/2010	USA	Vlad PYSHNENKO	200	M.	FREE	K.PIPES-NEILSEN	USA	08/15/2005 2:09.28
4:06.74	07/24/2009	USA	Erik HOCHSTEIN	400	M.	FREE	Janet EVANS	USA	08/13/2011 4:22.87
8:35.85	08/12/2019	ITA	Nicola NISATO	800	M.	FREE	Janet EVANS	USA	06/11/2011 8:59.06
16:24.76	04/07/2018	ITA	Nicola NISATO	1500	M.	FREE	Heidi GEORGE	USA	06/30/2017 17:29.43
27.13	08/18/2019	BAR	Nicholas NECKLES	50	M.	BACK	Noriko INADA	USA	08/02/2018 29.62
58.45	08/17/2019	BAR	Nicholas NECKLES	100	M.	BACK	Noriko INADA	USA	07/31/2018 1:04.70
2:08.06	08/13/2019	BAR	Nicholas NECKLES	200	M.	BACK	Jody SMITH	USA	08/06/2009 2:23.18
28.84	09/16/2009	ITA	Alberto MONTINI	50	M.	BRST	Katie GLENN	USA	08/19/2016 32.47
1:03.60	05/20/2012	RUS	Vladislav BRAGIN	100	M.	BRST	Linley FRAME	AUS	04/14/2012 1:12.74
2:18.57	07/11/2015	USA	Steven WEST	200	M.	BRST	S.VON DER LIPPE	USA	08/09/2006 2:38.44
25.06	07/20/2015	JPN	Eiji NOMURA	50	M.	FLY	Erika BRAUN	USA	06/08/2013 28.36
56.17	09/06/2011	TUR	Serkan ATASAY	100	M.	FLY	S.VON DER LIPPE	USA	05/23/2009 1:03.36
2:05.55	07/11/2004	USA	Dennis BAKER	200	M.	FLY	S.VON DER LIPPE	USA	07/23/2006 2:24.78
2:10.63	06/25/2009	ITA	Alberto MONTINI	200	M.	I.M.	S.VON DER LIPPE	USA	08/05/2007 2:25.03
4:43.00	06/12/2012	GER	Uwe VOLK	400	M.	I.M.	K.PIPES-NEILSEN	USA	08/01/2004 5:09.83



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***** MEN *****									
***** 45-49 *****									
23.55	08/15/2019	JPN	Hideaki HARA	50	M.	FREE	Edith OTTERMANN	RSA	03/16/2011 26.59
52.24	08/13/2019	JPN	Hideaki HARA	100	M.	FREE	Melanie THOMAS	USA	08/08/2015 57.40
1:57.75	08/05/2014	FRA	Nicolas GRANGER	200	M.	FREE	K.PIPES-NEILSEN	USA	06/13/2009 2:10.09
4:11.07	08/09/2009	USA	Keith SWITZER	400	M.	FREE	Kirsten CAMERON	AUS	05/04/2018 4:35.00
8:40.79	08/10/2015	ITA	Fabio CALMASINI	800	M.	FREE	K.PIPES-NEILSEN	USA	08/05/2007 9:24.11
16:38.81	08/10/2009	USA	Jeff ERWIN	1500	M.	FREE	S.HEIM-BOWEN	USA	08/17/2003 17:55.83
27.67	08/20/2017	TUR	Serkan ATASAY	50	M.	BACK	Cindy MABEE	CAN	08/18/2016 31.02
1:00.13	06/08/2008	USA	Steve WOOD	100	M.	BACK	Joanna CORBEN	GBR	06/14/2019 1:07.04
2:11.56	06/07/2013	BRA	Eduardo MAROCCO	200	M.	BACK	Joanna CORBEN	GBR	05/28/2016 2:24.06
29.22	09/08/2019	JPN	Hideaki TOGO	50	M.	BRST	Linley FRAME	AUS	08/20/2017 33.56
1:04.77	07/14/2019	USA	Steven WEST	100	M.	BRST	Marzena KULIS	ITA	09/17/2009 1:13.49
2:19.44	06/22/2018	USA	Steve WEST	200	M.	BRST	H.MORRIS-EYTON	RSA	03/15/2013 2:43.73
25.26	08/14/2019	JPN	Hideaki HARA	50	M.	FLY	Erika BRAUN	USA	08/05/2017 28.40
56.85	08/11/2002	USA	Paul CARTER	100	M.	FLY	Wenke SEIDER	USA	08/06/2014 1:04.96
2:06.94	08/09/2006	USA	Dennis BAKER	200	M.	FLY	K.PIPES-NEILSEN	USA	06/20/2009 2:24.34
2:10.09	08/07/2016	USA	Nicolas GRANGER	200	M.	I.M.	K.PIPES-NEILSEN	USA	08/16/2008 2:27.57
4:43.83	08/05/2014	FRA	Nicolas GRANGER	400	M.	I.M.	K.PIPES-NEILSEN	USA	09/05/2008 5:13.85
***** MEN *****									
***** 50-54 *****									
24.08	06/27/2009	JPN	Brent BARNES	50	M.	FREE	Marie FUZZATI	FRA	06/28/2015 27.09
54.15	06/30/2017	FRA	Nicolas GRANGER	100	M.	FREE	Marie FUZZATI	FRA	06/27/2015 1:00.42
1:58.62	07/01/2017	FRA	Nicolas GRANGER	200	M.	FREE	Jill HERNANDEZ	USA	08/08/2013 2:13.18
4:15.93	08/04/2017	USA	Nicolas GRANGER	400	M.	FREE	Jill HERNANDEZ	USA	08/11/2013 4:40.66
8:55.05	07/31/2010	BRA	Marcus MATTIOLI	800	M.	FREE	Susan PRESTON	USA	07/23/2016 9:34.12
17:08.33	08/20/2000	USA	Jim MCCONICA	1500	M.	FREE	Lynn MARSHALL	CAN	03/13/2011 18:29.28
28.58	07/14/2018	USA	Rick GOULD	50	M.	BACK	Cindy MABEE	CAN	07/06/2019 31.59
1:01.57	08/06/2017	USA	Nicolas GRANGER	100	M.	BACK	Cindy MABEE	CAN	07/06/2019 1:08.71
2:14.53	08/05/2017	USA	Nicolas GRANGER	200	M.	BACK	Ellen REYNOLDS	USA	08/04/2014 2:26.64
30.26	08/20/2017	GBR	Mike HODGSON	50	M.	BRST	Monica CORO	ITA	06/13/2012 34.18
1:06.98	08/15/2014	USA	David GUTHRIE	100	M.	BRST	Monica CORO	ITA	06/11/2012 1:15.50
2:27.91	07/31/2013	USA	David GUTHRIE	200	M.	BRST	Monica CORO	ITA	06/15/2012 2:50.92
25.88	08/16/2008	USA	Paul CARTER	50	M.	FLY	Susan WILLIAMS	USA	07/24/2016 29.82
57.23	08/15/2008	USA	Paul CARTER	100	M.	FLY	Jill HERNANDEZ	USA	08/13/2011 1:07.80
2:13.36	11/07/2010	BRA	Marcus MATTIOLI	200	M.	FLY	Laura VAL	USA	08/18/2001 2:31.55
2:11.15	08/06/2017	USA	Nicolas GRANGER	200	M.	I.M.	Ellen REYNOLDS	USA	08/07/2016 2:31.02
4:45.61	08/03/2017	USA	Nicolas GRANGER	400	M.	I.M.	Ellen REYNOLDS	USA	08/05/2014 5:20.68
***** MEN *****									
***** 55-59 *****									
24.45	07/19/2015	JPN	Brent BARNES	50	M.	FREE	Holly GREEN BLAIR	USA	08/08/2019 28.46
56.00	02/24/2019	RSA	Calvin MAUGHAN	100	M.	FREE	Laura VAL	USA	08/16/2008 1:02.02
2:04.01	07/26/2009	USA	Michael MANN	200	M.	FREE	Ellen REYNOLDS	USA	08/11/2019 2:16.28
4:22.49	07/25/2009	USA	Michael MANN	400	M.	FREE	Lynn MARSHALL	CAN	07/10/2016 4:43.41
9:00.09	07/24/2009	USA	Michael MANN	800	M.	FREE	Lynn MARSHALL	CAN	02/25/2017 9:44.76
17:22.61	08/10/2009	USA	Michael MANN	1500	M.	FREE	Ellen REYNOLDS	USA	08/07/2019 18:36.30
29.03	08/20/2016	USA	Steve WOOD	50	M.	BACK	Holly GREEN BLAIR	USA	08/02/2018 31.99
1:03.50	06/21/2015	USA	Steve WOOD	100	M.	BACK	Holly GREEN BLAIR	USA	08/11/2019 1:09.69
2:20.83	07/20/2019	USA	Rip ESSELSTYN	200	M.	BACK	Ellen REYNOLDS	USA	05/19/2019 2:31.79
30.02	06/02/2019	ITA	C.Arturo TRAVAINI	50	M.	BRST	Monica CORO	ITA	05/20/2017 35.94
1:07.65	08/13/2019	ITA	C.Arturo TRAVAINI	100	M.	BRST	Monica CORO	ITA	01/29/2017 1:19.90
2:30.63	08/21/2016	USA	David GUTHRIE	200	M.	BRST	Monica CORO	ITA	05/28/2017 2:58.83
26.86	08/06/2009	USA	Gary HALL	50	M.	FLY	Leslie LIVINGSTON	USA	07/10/2016 30.52
1:00.56	08/11/2012	USA	Paul CARTER	100	M.	FLY	Laura VAL	USA	08/09/2009 1:09.47
2:16.78	08/15/2015	BRA	Marcus MATTIOLI	200	M.	FLY	S.PALMER-WHITE	AUS	03/22/2019 2:36.49
2:20.83	08/09/2009	USA	Michael MANN	200	M.	I.M.	Ellen REYNOLDS	USA	07/06/2019 2:31.51
5:01.81	04/23/2015	BRA	Marcus MATTIOLI	400	M.	I.M.	Ellen REYNOLDS	USA	07/06/2019 5:22.41
***** MEN *****									
***** 60-64 *****									
25.23	08/07/2006	USA	Richard ABRAHAMS	50	M.	FREE	Jenny WHITELEY	AUS	03/17/2018 28.90
57.79	06/14/2014	USA	Jack GROSELLE	100	M.	FREE	Laura VAL	USA	08/05/2011 1:03.83
2:07.68	08/06/2017	USA	Dan STEPHENSON	200	M.	FREE	Jenny WHITELEY	AUS	03/20/2019 2:21.03
4:36.85	08/04/2017	USA	Dan STEPHENSON	400	M.	FREE	Laura VAL	USA	08/12/2012 4:59.82
9:29.70	08/12/2018	USA	Andrew BRAY	800	M.	FREE	Laura VAL	USA	07/08/2011 10:27.71
18:01.45	07/22/2018	USA	Andrew BRAY	1500	M.	FREE	Laura VAL	USA	07/08/2011 19:52.85
30.59	08/10/2019	USA	Jamie FOWLER	50	M.	BACK	Laura VAL	USA	08/09/2015 33.86
1:06.08	08/11/2019	USA	Jamie FOWLER	100	M.	BACK	Bonnie BILICH	USA	07/15/2018 1:14.50
2:26.12	08/08/2019	USA	Jamie FOWLER	200	M.	BACK	Bonnie BILICH	USA	08/08/2019 2:41.57
32.80	04/17/2012	AUS	Stuart ELLICOTT	50	M.	BRST	Jenny WHITELEY	AUS	03/30/2019 37.51
1:13.38	08/08/2013	USA	Rick COLELLA	100	M.	BRST	Jenny WHITELEY	AUS	03/17/2018 1:23.37
2:40.46	08/17/2014	USA	Rick COLELLA	200	M.	BRST	Jenny WHITELEY	AUS	03/18/2018 3:04.15
27.65	05/06/2018	NED	Hugo BREGMAN	50	M.	FLY	Traci GRANGER	USA	08/11/2019 31.11
1:02.00	05/05/2018	NED	Hugo BREGMAN	100	M.	FLY	Laura VAL	USA	08/04/2011 1:12.06
2:23.52	05/04/2018	NED	Hugo BREGMAN	200	M.	FLY	Laura VAL	USA	08/06/2011 2:41.03
2:21.99	08/17/2014	USA	Rick COLELLA	200	M.	I.M.	Jenny WHITELEY	AUS	03/20/2019 2:44.62
5:08.20	08/15/2014	USA	Rick COLELLA	400	M.	I.M.	Laura VAL	USA	07/08/2011 5:56.27



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***** MEN *****					***** WOMEN *****				
***** 65-69 *****					***** 65-69 *****				
26.21	07/06/2018	USA	Doug MARTIN	50 M. FREE	Penny NOYES	USA	08/03/2019	29.10	
59.49	08/09/2019	USA	Jack GROSELLE	100 M. FREE	Laura VAL	USA	07/30/2018	1:04.89	
2:09.39	08/06/2017	USA	Rick COLELLA	200 M. FREE	Laura VAL	USA	08/18/2016	2:25.29	
4:37.70	08/04/2017	USA	Rick COLELLA	400 M. FREE	Laura VAL	USA	08/10/2019	5:12.80	
10:11.30	06/14/2015	USA	Jim MCCONICA	800 M. FREE	Laura VAL	USA	07/15/2017	10:49.60	
19:33.36	06/14/2015	USA	Jim MCCONICA	1500 M. FREE	Laura VAL	USA	07/22/2016	21:00.15	
30.95	07/07/2012	USA	Hugh WILDER	50 M. BACK	Laura VAL	USA	08/02/2018	33.59	
1:09.79	07/08/2012	USA	Hugh WILDER	100 M. BACK	Laura VAL	USA	07/31/2018	1:14.49	
2:37.16	06/16/2018	USA	Lawrence DAY	200 M. BACK	Laura VAL	USA	08/08/2019	2:47.70	
33.30	08/19/2016	USA	Rick COLELLA	50 M. BRST	Janette JEFFREY	AUS	04/24/2016	41.41	
1:14.77	08/05/2017	USA	Rick COLELLA	100 M. BRST	Lo D KNAPP	USA	08/10/2019	1:32.24	
2:41.54	08/21/2016	USA	Rick COLELLA	200 M. BRST	Lo D KNAPP	USA	07/21/2019	3:19.08	
28.54	06/27/2009	ESP	Josep CLARET	50 M. FLY	Penny NOYES	USA	08/04/2019	32.93	
1:05.83	08/06/2017	USA	Rick COLELLA	100 M. FLY	Laura VAL	USA	08/18/2016	1:13.70	
2:33.40	06/12/2016	USA	Lawrence DAY	200 M. FLY	Penny NOYES	USA	07/20/2019	2:57.26	
2:25.22	08/19/2016	USA	Rick COLELLA	200 M. I.M.	Penny NOYES	USA	08/04/2019	2:51.52	
5:13.36	08/03/2017	USA	Rick COLELLA	400 M. I.M.	Penny NOYES	USA	07/19/2019	6:14.58	
***** MEN *****					***** WOMEN *****				
***** 70-74 *****					***** 70-74 *****				
27.71	08/07/2015	USA	Richard ABRAHAMS	50 M. FREE	Sanderina KRUGER	RSA	03/21/2019	31.99	
1:03.32	08/08/2015	USA	David QUIGGIN	100 M. FREE	Sanderina KRUGER	RSA	03/22/2019	1:11.49	
2:23.30	07/31/2018	USA	Fred SCHLICHER	200 M. FREE	Sanderina KRUGER	RSA	03/03/2019	2:44.16	
5:03.56	08/04/2018	USA	Dan KIRKLAND	400 M. FREE	Yoshiko OSAKI	JPN	07/18/2008	5:54.97	
10:37.71	07/28/2018	USA	Dan KIRKLAND	800 M. FREE	Yoshiko OSAKI	JPN	11/01/2009	12:13.07	
20:26.12	07/20/2018	USA	Dan KIRKLAND	1500 M. FREE	Jen THOMASSON	AUS	03/11/2016	23:49.60	
33.58	08/04/2017	USA	Hugh WILDER	50 M. BACK	Margit OHLSSON	SWE	10/24/2015	38.69	
1:13.49	08/06/2017	USA	Hugh WILDER	100 M. BACK	Margit OHLSSON	SWE	05/09/2015	1:25.20	
2:44.59	08/09/2013	USA	Richard BURNS	200 M. BACK	Margit OHLSSON	SWE	10/24/2015	3:06.24	
36.57	06/15/2019	USA	Peder DAHLBERG	50 M. BRST	Monika SENFTLEBEN	GER	06/22/2014	41.67	
1:21.98	06/15/2019	USA	Peder DAHLBERG	100 M. BRST	Nobuko YASUDA	JPN	10/02/2016	1:35.93	
3:04.79	03/14/2009	AUS	Michael MALONEY	200 M. BRST	Nobuko YASUDA	JPN	07/15/2017	3:29.25	
30.06	08/09/2015	USA	Richard ABRAHAMS	50 M. FLY	Diann UUSTAL	USA	08/05/2017	35.02	
1:12.43	07/08/2018	USA	Fred SCHLICHER	100 M. FLY	Judy WILSON	GBR	08/06/2014	1:24.55	
2:53.43	08/03/2018	USA	Fred SCHLICHER	200 M. FLY	Clary MUNNS	AUS	04/09/2016	3:35.36	
2:45.60	05/03/2009	NZL	Barry YOUNG	200 M. I.M.	Brigitte MERTEN	GER	05/25/2016	3:10.64	
5:57.81	05/01/2009	NZL	Barry YOUNG	400 M. I.M.	Brigitte MERTEN	GER	01/23/2016	6:54.30	
***** MEN *****					***** WOMEN *****				
***** 75-79 *****					***** 75-79 *****				
29.19	08/25/2019	USA	David QUIGGIN	50 M. FREE	Jane ASHER	GBR	03/03/2006	34.85	
1:06.40	03/03/2018	JPN	Akira FUJIMAKI	100 M. FREE	Yoshiko OSAKI	JPN	07/19/2014	1:19.71	
2:25.66	06/06/2009	USA	David RADCLIFF	200 M. FREE	Yoshiko OSAKI	JPN	09/27/2013	2:54.26	
5:17.77	03/07/2009	USA	David RADCLIFF	400 M. FREE	Yoshiko OSAKI	JPN	07/12/2013	6:12.25	
11:07.90	07/10/2009	USA	David RADCLIFF	800 M. FREE	Jane ASHER	GBR	10/22/2006	12:58.94	
21:03.06	07/10/2009	USA	David RADCLIFF	1500 M. FREE	Jane ASHER	GBR	03/03/2006	24:41.76	
34.45	08/02/2018	USA	Richard BURNS	50 M. BACK	Clary MUNNS	AUS	04/28/2019	40.27	
1:17.17	07/31/2018	USA	Richard BURNS	100 M. BACK	Clary MUNNS	AUS	04/27/2019	1:28.96	
2:50.25	07/30/2018	USA	Richard BURNS	200 M. BACK	Clary MUNNS	AUS	04/28/2019	3:16.80	
39.06	08/03/2018	USA	Peter ANDERSEN	50 M. BRST	Shoko YONEZAWA	JPN	03/06/2010	43.95	
1:27.74	08/18/2016	USA	Mike FRESHLEY	100 M. BRST	Shoko YONEZAWA	JPN	03/06/2010	1:38.81	
3:13.93	08/21/2016	USA	Mike FRESHLEY	200 M. BRST	Joann LEILICH	USA	07/19/2014	3:40.84	
32.17	07/31/2018	USA	Richard BURNS	50 M. FLY	Judy WILSON	FRA	05/25/2019	38.93	
1:20.68	07/14/2018	USA	Richard BURNS	100 M. FLY	Judy WILSON	FRA	06/23/2019	1:34.88	
3:11.38	04/28/2018	CZE	Rudolf SMERDA	200 M. FLY	Clary MUNNS	AUS	04/28/2019	3:44.93	
2:57.66	08/10/2019	USA	Richard BURNS	200 M. I.M.	Clary MUNNS	AUS	04/13/2019	3:25.01	
6:34.91	08/05/2016	USA	Mike FRESHLEY	400 M. I.M.	Jane ASHER	GBR	03/03/2006	7:39.96	
***** MEN *****					***** WOMEN *****				
***** 80-84 *****					***** 80-84 *****				
31.96	05/20/2012	ESP	Roberto ALBERICHE	50 M. FREE	Yoshiko OSAKI	JPN	07/15/2018	36.61	
1:11.82	08/23/2014	USA	David RADCLIFF	100 M. FREE	Yoshiko OSAKI	JPN	07/14/2018	1:23.16	
2:40.22	08/24/2014	USA	David RADCLIFF	200 M. FREE	Yoshiko OSAKI	JPN	09/20/2019	3:05.95	
5:45.21	08/23/2015	USA	David RADCLIFF	400 M. FREE	Jane ASHER	GBR	05/05/2012	6:39.90	
11:49.29	08/22/2014	USA	David RADCLIFF	800 M. FREE	Jane ASHER	GBR	01/29/2011	13:51.21	
22:16.90	05/31/2014	USA	David RADCLIFF	1500 M. FREE	Denise ROBERTSON	AUS	03/11/2016	28:35.98	
38.16	01/20/2013	JPN	S.SEKIKAWA	50 M. BACK	Yoshiko OSAKI	JPN	07/16/2018	45.67	
1:26.44	01/19/2013	JPN	S.SEKIKAWA	100 M. BACK	Helen BIRD	AUS	04/30/2017	1:41.87	
3:15.04	08/05/2017	USA	David COSTILL	200 M. BACK	Katharina FLORA	HUN	11/11/2017	3:39.26	
41.68	09/18/2006	JPN	Toshio TAJIMA	50 M. BRST	Shoko YONEZAWA	JPN	06/14/2015	47.59	
1:34.43	08/15/2017	HUN	Bela FABIAN	100 M. BRST	Shoko YONEZAWA	JPN	06/14/2015	1:45.71	
3:28.43	03/10/2017	AUS	Tony GOODWIN	200 M. BRST	Joann LEILICH	USA	07/21/2019	3:59.55	
34.75	07/03/2016	JPN	Hiroshi MATSUMOTO	50 M. FLY	Jane ASHER	GBR	06/17/2011	46.21	
1:29.39	03/06/2011	ITA	Giulio DIVANO	100 M. FLY	Judie OLIVER	CAN	04/21/2012	1:54.93	
3:31.42	06/22/2011	ITA	Giulio DIVANO	200 M. FLY	Judie OLIVER	CAN	07/14/2012	4:15.19	
3:23.31	10/28/2017	JPN	Ikuro SHIMONO	200 M. I.M.	Kati FLORA	HUN	08/17/2017	3:53.63	
7:12.63	06/23/2011	ITA	Giulio DIVANO	400 M. I.M.	Jane ASHER	GBR	01/30/2011	8:21.88	



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***** MEN *****									
***** 85-89 *****									
33.94	03/02/2008	JPN	Keihiro NAKAMURA	50	M.	FREE	Jane ASHER	GBR	05/26/2016 38.98
1:23.25	06/06/2010	USA	Frank PIEMME	100	M.	FREE	Jane ASHER	GBR	05/07/2016 1:29.29
3:03.50	07/01/2017	ESP	Roberto ALBERICHE	200	M.	FREE	Jane ASHER	GBR	05/26/2016 3:21.29
6:38.87	06/26/2016	USA	Graham JOHNSTON	400	M.	FREE	Jane ASHER	GBR	10/15/2016 7:03.60
13:56.29	07/19/2019	USA	David RADCLIFF	800	M.	FREE	Jane ASHER	GBR	04/01/2016 14:27.71
26:18.37	07/19/2019	USA	David RADCLIFF	1500	M.	FREE	Jane ASHER	GBR	03/05/2016 28:11.18
39.89	07/18/2008	JPN	Keihiro NAKAMURA	50	M.	BACK	Katharina FLORA	HUN	06/29/2019 48.85
1:31.65	03/02/2008	JPN	Keihiro NAKAMURA	100	M.	BACK	Katharina FLORA	HUN	06/30/2019 1:45.27
3:28.59	07/19/2008	JPN	Keihiro NAKAMURA	200	M.	BACK	Katharina FLORA	HUN	08/13/2019 3:43.27
45.66	06/19/2010	JPN	Toshio TAJIMA	50	M.	BRST	A.VAN OBBERGHEN	BEL	05/06/2016 51.83
1:49.64	05/27/2018	AUS	Patrick GALVIN	100	M.	BRST	A.VAN OBBERGHEN	BEL	05/06/2016 1:54.96
3:59.60	06/17/2018	JPN	Shunsaku TAKAHIRA	200	M.	BRST	A.VAN OBBERGHEN	BEL	05/08/2016 4:18.23
43.62	07/01/2017	ESP	Roberto ALBERICHE	50	M.	FLY	Katharina FLORA	HUN	08/14/2019 48.90
1:52.68	07/16/2018	JPN	Takashi HAYASHI	100	M.	FLY	Katharina FLORA	HUN	06/29/2019 2:04.25
4:15.86	07/11/2010	USA	Thomas MAINE	200	M.	FLY	Lois Kivi NOCHMAN	USA	07/25/2009 5:07.64
3:51.20	08/03/2010	USA	Thomas MAINE	200	M.	I.M.	Katharina FLORA	HUN	08/15/2019 3:54.86
8:21.81	07/11/2010	USA	Thomas MAINE	400	M.	I.M.	Jean TROY	USA	06/10/2012 10:45.77
***** MEN *****									
***** 90-94 *****									
40.72	08/11/2003	USA	Woody BOWERSOCK	50	M.	FREE	Olga KOKORINA	RUS	06/01/2013 49.68
1:37.69	06/07/2015	GER	Karl HAUTER	100	M.	FREE	Jean TROY	USA	07/08/2017 1:58.86
3:39.15	04/16/2016	GER	Karl HAUTER	200	M.	FREE	Jean TROY	USA	06/11/2017 4:18.85
8:01.57	08/24/2014	USA	Willard LAMB	400	M.	FREE	Rita SIMONTON	USA	08/03/2008 9:04.93
16:28.37	08/09/2013	USA	Willard LAMB	800	M.	FREE	Rita SIMONTON	USA	08/14/2008 18:53.58
31:12.82	05/31/2014	USA	Willard LAMB	1500	M.	FREE	Rita SIMONTON	USA	06/01/2008 36:02.20
46.82	07/17/2006	JPN	Goro KOBAYASHI	50	M.	BACK	Betty LORENZI	USA	08/04/2017 56.89
1:45.46	08/09/2006	JPN	Goro KOBAYASHI	100	M.	BACK	Betty LORENZI	USA	08/06/2017 2:07.31
4:05.77	07/16/2007	JPN	Goro KOBAYASHI	200	M.	BACK	Betty LORENZI	USA	08/05/2017 4:38.73
50.71	09/13/2015	JPN	Toshio TAJIMA	50	M.	BRST	Olga KOKORINA	RUS	09/03/2013 1:03.72
2:05.18	06/05/2015	GER	Karl HAUTER	100	M.	BRST	Olga KOKORINA	RUS	06/02/2013 2:27.19
4:41.26	04/30/2017	GER	Karl HAUTER	200	M.	BRST	Olga KOKORINA	RUS	06/01/2013 5:21.78
1:00.30	08/11/2003	USA	Walter PFEIFFER	50	M.	FLY	Yone MURATA	JPN	07/16/2012 1:22.05
2:23.56	06/06/2015	USA	Thomas MAINE	100	M.	FLY	Nora RONAI	BRA	08/06/2014 3:39.01
5:19.18	06/06/2015	USA	Thomas MAINE	200	M.	FLY	Nora RONAI	BRA	08/08/2014 8:52.22
4:27.72	06/05/2015	GER	Karl HAUTER	200	M.	I.M.	Rita SIMONTON	USA	08/16/2008 6:30.12
9:56.43	06/06/2015	USA	Thomas MAINE	400	M.	I.M.	Nora RONAI	BRA	08/05/2014 14:12.52
***** MEN *****									
***** 95-99 *****									
45.71	08/06/2017	USA	Willard LAMB	50	M.	FREE	Maurine KORNFIELD	USA	08/06/2016 1:04.02
1:47.59	08/26/2017	USA	Willard LAMB	100	M.	FREE	Maurine KORNFIELD	USA	08/07/2016 2:22.74
4:04.60	08/26/2017	USA	Willard LAMB	200	M.	FREE	Maurine KORNFIELD	USA	08/18/2016 5:03.47
8:43.18	08/25/2017	USA	Willard LAMB	400	M.	FREE	Maurine KORNFIELD	USA	08/06/2016 10:12.49
17:42.57	08/25/2017	USA	Willard LAMB	800	M.	FREE	Maurine KORNFIELD	USA	08/14/2017 21:39.10
33:39.77	08/25/2017	USA	Willard LAMB	1500	M.	FREE	Rita SIMONTON	USA	06/02/2013 41:39.68
55.90	04/14/2019	BRA	Anton BIEDERMANN	50	M.	BACK	Rita SIMONTON	USA	08/10/2013 1:14.31
2:11.19	08/06/2017	USA	Willard LAMB	100	M.	BACK	Rita SIMONTON	USA	08/08/2013 2:42.67
4:34.73	07/30/2018	USA	Willard LAMB	200	M.	BACK	Maurine KORNFIELD	USA	05/29/2016 5:42.64
1:10.05	05/18/2013	AUS	George CORONES	50	M.	BRST	Kalis RASMUSSEN	CAN	06/23/2019 1:38.21
2:40.08	06/20/2010	JPN	Hiromu YOSHIMOTO	100	M.	BRST	Kalis RASMUSSEN	CAN	06/23/2019 3:00.45
5:47.31	06/20/2010	JPN	Hiromu YOSHIMOTO	200	M.	BRST	Kalis RASMUSSEN	CAN	06/23/2019 5:58.40
2:01.41	06/01/2008	USA	Walter PFEIFFER	50	M.	FLY	Nora Tausz RONAI	BRA	04/14/2019 1:56.76
4:09.52	06/01/2008	USA	Walter PFEIFFER	100	M.	FLY	Nora Tausz RONAI	BRA	04/12/2019 5:12.53
11:47.68	08/23/2018	USA	Robert DOUD	200	M.	FLY	Nora Tausz RONAI	BRA	04/13/2019 12:26.83
8:55.97	06/01/2008	USA	Walter PFEIFFER	200	M.	I.M.			
17:29.20	06/01/2008	USA	Walter PFEIFFER	400	M.	I.M.	Nora Tausz RONAI	BRA	04/11/2019 18:50.06
***** MEN *****									
***** 100-104 *****									
56.12	02/28/2018	AUS	George CORONES	50	M.	FREE	Mieko NAGAOKA	JPN	03/16/2014 1:41.88
2:24.21	03/03/2018	AUS	George CORONES	100	M.	FREE	Mieko NAGAOKA	JPN	03/15/2014 3:45.85
				200	M.	FREE	Mieko NAGAOKA	JPN	07/21/2014 7:48.76
				400	M.	FREE	Mieko NAGAOKA	JPN	01/19/2014 16:36.80
				800	M.	FREE	Mieko NAGAOKA	JPN	06/15/2014 38:04.30
				1500	M.	FREE	Mieko NAGAOKA	JPN	06/14/2014 74:08.73
1:29.13	05/04/2014	FRA	Jean LEEMPUT	50	M.	BACK	Mieko NAGAOKA	JPN	07/18/2014 1:33.89
4:13.84	07/09/1994	USA	Tom LANE	100	M.	BACK	Mieko NAGAOKA	JPN	09/15/2014 3:39.81
9:04.31	07/09/1994	USA	Tom LANE	200	M.	BACK	Mieko NAGAOKA	JPN	07/19/2014 8:05.64
				50	M.	BRST			
				100	M.	BRST			
				200	M.	BRST			
				50	M.	FLY			
				100	M.	FLY			
				200	M.	FLY			
				200	M.	I.M.			
				400	M.	I.M.			



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***** MEN *****	***** 105-109 *****	***** WOMEN *****
	50 M. FREE	
	100 M. FREE	
	200 M. FREE	
	400 M. FREE	
	800 M. FREE	
	1500 M. FREE	
	50 M. BACK	
	100 M. BACK	
	200 M. BACK	
	50 M. BRST	
	100 M. BRST	
	200 M. BRST	
	50 M. FLY	
	100 M. FLY	
	200 M. FLY	
	200 M. I.M.	
	400 M. I.M.	
***** RELAY 200 M. FREE - WOMEN *****	***** RELAY 200 M. MEDLEY - WOMEN *****	
100-119 CMC SC Natsuki HASEGAWA Sanae NAWATA	100-119 NEVA STARS Evgenia KARETINA Anna POLIAKOVA	RUS 08/14/2015 2:00.05 Anna KUZMICHEVA Ekaterina SHERSHEN
120-159 TSUNAMI Svetlana KNYAGININA Lyubov YUDINA	120-159 KONAMI S L Ayako DOI Junko ONISHI	JPN 09/22/2013 2:03.42 Yoshimi MIWA Junko ISHIKAWA
160-199 TEAM TYR Sheri HART Anna PETTIS-SCOTT	160-199 TEAM TYR Jennifer STEIN Betsy CLEARY	USA 08/08/2006 2:04.75 Susan VON DER LIPPE Collette SAPPEY
200-239 CAPE TOWN MASTERS Sanderina KRUGER Marcelle STRAUSS	200-239 OREGON MASTERS Karen ANDRUS-HUGHES Arlene DELMAGE	USA 08/17/2008 2:10.98 Becky OBLETZ Robin PARISI
240-279 CAPE TOWN MASTERS Edith OTTERMANN Diane COETZEE	240-279 CAPE TOWN MASTERS Dianne COETZEE Edith OTTERMANN	RSA 03/16/2018 2:19.90 Cecilia STANFORD Sanderina KRUGER
280-319 OREGON MASTERS Janet GETTLING Margaret TOPPEL	280-319 OREGON MASTERS Karen ANDRUS-HUGHES Margaret TOPPEL	USA 08/24/2019 2:41.43 Janet GETTLING Joy WARD
320-359 BIG YOKOHAMA Shoko YONEZAWA Mieko KAMOSHITA	320-359 BIG YOKOHAMA Shoko YONEZAWA Sonoe WATANABE	JPN 06/23/2013 3:27.07 Masae KURATA Mieko KAMOSHITA
360-399 SUKYOYAKA ST Masako KUSUME Toshiko AMANO	360-399 SAPPORO MASTERS Sumiko KUJI Haruko SASAKI	JPN 08/05/2018 5:53.02 Naka FUKUOKA Fumi MURATA
***** RELAY 400 M. FREE - WOMEN *****	***** RELAY 400 M. MEDLEY - WOMEN *****	
100-119 WVZ Manon van STRIEN Isabelle MASSAR	100-119 LINX RACING TEME Yoshiko ONO Mizuki UKAI	JPN 06/16/2019 4:42.89 Saki YAMASHINA Miki MATSUKAWA
120-159 BIRMINGHAM MASTERS Katie WALKER-STABELER Anna MCCALL	120-159 BERLINER TSC Andrea KUTZ Nadine STRESING	GER 06/17/2017 4:35.76 Saskia KUTZ Josephine DUNGER
160-199 NORTH CAROLINA MASTE Erika BRAUN Alica UHL	160-199 NORTH CAROLINA MASTE Erika BRAUN Alica UHL	USA 06/13/2015 4:41.71 Kerry LINDAUER Jen STRINGER
200-239 CAPE TOWN Sanderina KRUGER Edith OTTERMANN	200-239 PSV Gudule van der MEER Jeanne PETIT	NED 05/05/2019 4:58.55 Trudy KETTING Esther van LOHUIZEN
240-279 NORTH TEXAS LONESTAR Stephanie STONE Lynn MORRISON	240-279 CAPE TOWN MASTERS Di COETZEE Cecilia STANFORD	RSA 02/27/2016 5:19.05 Gail MCCARNEY Sandra KRUGER
280-319 PSV Ineke WEEKERS Patty VERHAGEN	280-319 OREGON MASTERS Joy WARD Janet GETTLING	USA 08/26/2017 6:31.16 Ginger PIERSON Margaret TOPPEL
320-359 BIG S YOKOHAMA Shoko YONEZAWA Masae KURATA	320-359 SPENCER Grace ISAAC Diane FORD	GBR 06/16/2019 8:21.15 Muriel HITCHCOCK Jean HOWARD-JONES
360-399	360-399	



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***** RELAY 800 M. FREE - WOMEN *****
100-119 SG DORTMUND GER 02/27/2016 9:02.70
Kerstin LANGE Mandy BLUM
Corinna MIEDE Jennifer THATER
120-159 BERLINER TSC GER 02/27/2016 9:10.91
Nadine STRESING Marina SPOTTKE
Julia SCHATZ Ina ZIEGLER
160-199 NORTH CAROLINA MASTE USA 06/14/2015 9:18.33
Erika BRAUN Jen STRINGER
Alica UHL Kerry LINDAUER
200-239 CONEJO VALLEY MASTER USA 07/07/2019 9:34.53
Jill GELLATLY Becky CLEAVENGER
Eve MAIDENBERG Leslie DALAND-JAMES
240-279 CAPE TOWN MASTERS RSA 02/21/2016 10:13.61
Cecilia STANFORD Gail MCCARNEY
Di COETZEE Sandrina KRUGER
280-319 PSV NED 05/03/2019 12:25.08
Ineke WEEKERS Lottie GEURTS
Corrie VERHOEVEN Esther van LOHUIZEN
320-359 BIG S YOKOHAMA JPN 11/07/2015 16:54.29
Yuko SAKAGAMI Shigeko TANAKA
Hiromi TODA Shoko YONEZAWA
360-399

***** RELAY 200 M. FREE - M E N *****
100-119 MAC-MINA BRA 11/29/2009 1:31.95
Rene LEITE Rodrigo TRIVINO
Daniel BELINI Piero RODIGHIERI
120-159 GETXO ESP 07/08/2018 1:32.84
Mikel BILDOSOLA Inaki BILDOSOLA
German ZUBIAUR Mikel DEBA
160-199 NEVA STARS RUS 08/18/2017 1:34.92
Aleksandr SHILIN Sergei MEDVEDEV
Aleksei MANZHULA Vladimir PREDKIN
200-239 COLORADO USA 08/08/2006 1:38.24
Jack GROSELLE Trip HEDRICK
Steve WOOD Richard ABRAHAMS
240-279 SARASOTA Y SHARKS USA 08/19/2016 1:42.40
Steve WOOD Doug MARTIN
Trip HEDRICK Jack GROSELLE
280-319 GOLD COAST MASTERS USA 08/15/2014 1:56.91
David QUIGGIN David PAINTER
Keefe LODWIG Lee CHILDS
320-359 JUEI CLUB JPN 07/21/2003 2:20.89
Shoichi SHIDA Keijiro NAKAMURA
Katsuzo SHIRAYAMA Isamu TAMURA
360-399 JUEI CLUB JPN 03/02/2008 3:08.87
Isamu TAMURA Hideya FUJII
Tokushi KOMEDA Hidekazu TAMURA

***** RELAY 400 M. FREE - M E N *****
100-119 G-TRAVELERS JPN 06/23/2013 3:30.77
Yoshinori MURAMATSU Kosuke MAEDA
Kensuke MAEDA Naofumi UTSUGI
120-159 GETXO ESP 07/07/2018 3:28.93
Mikel BILDOSOLA Inaki BILDOSOLA
German ZUBIAUR Mikel DEBA
160-199 LONGHORN AQUATICS USA 07/03/2011 3:38.60
Tyler BLESSING Mike VAROZZA
Anders RASMUSSEN Chris ECKERMAN
200-239 BRESCIA ACQUARE MAFE ITA 05/14/2017 3:46.05
Massimiliano GIALDI Maurizio TERSAR
Roberto BRUNORI Marco COLOMBO
240-279 COLORADO MASTERS USA 08/11/2018 3:59.86
Michael MANN Craig PETERSEN
Greg SCOTT Kirk ANDERSON
280-319 PALM BEACH MASTERS USA 06/18/2017 4:27.17
Lee CHILDS Keefe LODWIG
George SCHMIDT David QUIGGIN
320-359 MICHIGAN MASTERS USA 07/30/2017 5:43.81
Joel LOCKWOOD Kurt OLMANN
Ray MARTIN Wallie JEFFRIES

***** RELAY 200 M. MEDLEY - M E N *****
100-119 TROYKA RUS 08/14/2015 1:43.83
Alexey GULAKOV Igor GOLOVIN
Andrey DENISKO Ivan KOVALEV
120-159 THE STAR JPN 06/16/2019 1:42.30
Tomoya FUKUI Takuro OSAKI
Ko FUKAYA Takayuki ONO
160-199 NEVA STARS RUS 08/18/2017 1:45.47
Aleksandr SHILIN Gergey GOGOL
Aleksel MANZHULA Vladimir PREDKIN
200-239 COLORADO USA 08/08/2006 1:50.83
Steve WOOD Jack GROSELLE
Trip HEDRICK Richard ABRAHAMS
240-279 SARASOTA Y SHARKS USA 08/21/2016 1:57.46
Steve WOOD Jack GROSELLE
Trip HEDRICK Doug MARTIN
280-319 VENTURA COUNTY MASTE USA 08/09/2019 2:15.90
Steven HECK Hubie KERNS
Glenn GRUBER Bruce ROLLINS
320-359 KAMAKURA MSC JPN 07/19/2014 2:45.28
Minoru UEMURA Takao TSUCHIYA
Takashi ISHIMOTO Yoshihiro NAKANO
360-399 NISHINOMIYA SUMIRE JPN 06/20/2009 4:13.40
Toshio YURI Hiromu YOSHIMOTO
Takeshi YASUKAWA Kazunaga AKUTSU

***** RELAY 400 M. MEDLEY - M E N *****
100-119 TROYKA RUS 04/17/2015 3:58.35
Alexey GULAKOV Igor GOLOVIN
Andrey DENISKO Ivan KOVALEV
120-159 JFE KEIHIN JPN 01/19/2019 3:49.75
Takashi TAKEMOTO Hajime IKEGAMI
Ryoya TAGUCHI Shintaro UCHIYAMA
160-199 STANFORD USA 05/10/2015 4:02.07
Rick GOULD Bj JOHNSON
Darren PHELAN Mike PYLE
200-239 LONGHORN AQUATICS USA 08/11/2012 4:13.76
Anders RASMUSSEN David GUTHRIE
Jim SAUER Mike VAROZZA
240-279 COLORADO MASTERS USA 08/10/2018 4:32.15
Craig PETERSEN Greg SCOTT
Michael MANN Kirk ANDERSON
280-319 HAKUYO S JPN 06/18/2016 5:19.41
Hiroshi NONAKA Seiko OKAZAKI
Sadao SAJIKI Takashi TERAKOSHI
320-359 SSV LEUTZSCH LEIPZIG GER 06/17/2017 7:01.44
Gottfried KLARING Jurgen SCHUBERT
Gunter KALLENBACH Wolfgang SIEBER



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360-399 GAVRYLYCH	UKR 03/25/2017 10:56.10	360-399 GAVRYLYCH SWIM CLUB	UKR 05/13/2017 12:23.62
Heorhii KOZYR	Vitalii LYSIAK	Vitalii LYSIAK	Heorhii CHYZHEVSKI
Anatolii NAKLOVKIN	Heorhii CHYZHEVSKYI	Kostiantyn SHCHEGLOV	Heorhii KOZYR
***** RELAY 800 M.	FREE - M E N *****		
100-119 G-TRAVELERS	JPN 06/23/2013 7:56.33		
Yoshinori MAUAMATSU	Kosuke MAEDA		
Naofumi UTSUGI	Kensuke MAEDA		
120-159 JFE	JPN 08/19/2017 7:50.34		
Ryoya TAGUCHI	Takashi TAKEMOTO		
Shintaro UCHIYAMA	Takao UEKI		
160-199 AQUATIC MASTERS	SUI 04/18/2015 8:15.08		
Felix STEINHAUER	Yves PLATEL		
Richard GRAVEL	Marco PILLOUD		
200-239 BRASIL MASTERS	BRA 07/06/2013 8:38.24		
Helio CELIDONIO	Djan Garrido MADRUGA		
Roberto Carlos CARVALHO	Marcus Laborne MATTIOLI		
240-279 COLORADO MASTERS	USA 08/12/2018 8:56.62		
Michael MANN	Craig PETERSEN		
Greg SCOTT	Kirk ANDERSON		
280-319 PALM BEACH MASTERS	USA 08/26/2017 10:21.80		
David QUIGGIN	George SCHMIDT		
Keefe LODWIG	Lee CHILDS		
320-359 MICHIGAN MASTERS	USA 07/30/2017 13:00.32		
Wallie JEFFRIES	Ray MARTIN		
Joel LOCKWOOD	Kurt OLMANN		
360-399			
***** RELAY 200 M.	FREE - MIXED *****	***** RELAY 200 M. MEDLEY - MIXED *****	
100-119 PSV	NED 09/05/2013 1:41.21	100-119 OAHU CLUB	JPN 07/17/2006 1:51.99
Rieneke TERINK	Geert LANTINK	Tsuyoshi KITASHITA	Hitomi MATSUDA
Marjolyn WUISMAN	Stefan OOSTING	Kohei KAWAMOTO	Isuzu MAEDA
120-159 TSUNAMI	RUS 08/14/2015 1:40.14	120-159 PHOENIX SWIM CLUB	USA 07/08/2012 1:50.77
Alexandr SATANOVSKIY	Irina SHLEMOVA	Noriko INADA	Jeff COMMINGS
Svetlana KNYAGININA	Andrey KRYLOV	Misty HYMAN	Jose PONCE
160-199 TEAM TYR	USA 08/08/2006 1:42.27	160-199 NEVA STARS	RUS 08/14/2015 1:55.32
John SMITH	Rich SAEGER	Vladimir PREDKIN	Pavel LEBEDEV
Collette SAPPEY	Sheri HART	Anna POLIAKOVA	Olga POZDNIAKOVA
200-239 COLORADO	USA 08/08/2006 1:44.96	200-239 GUILDFORD CITY SWIMM	GBR 08/18/2017 1:59.99
Trip HEDRICK	Kim CROUCH	Michelle WARE	David BRYANT
Kathy GARNIER	Richard ABRAHAMS	Mike HODGSON	Lynda COGGINS
240-279 SARASOTA Y SHARKS	USA 08/20/2016 1:54.54	240-279 PUGET SOUND MASTERS	USA 08/20/2016 2:08.11
Doug MARTIN	Jack GROSELLE	Lisa DAHL	Rick COLELLA
Nancy KRYKA	Laura KIRKPATRICK	Donald GRAHAM	Charlotte DAVIS
280-319 TAMALPAIS AQUATIC	USA 08/18/2017 2:05.58	280-319 TAMALPAIS AQUATIC MA	USA 08/09/2015 2:21.20
Richard BURNS	Laura VAL	Laura VAL	Kenneth FROST
Nancy RIDOUT	Tate HOLT	Richard BURNS	Nancy RIDOUT
320-359 OREGON MASTERS	USA 08/20/2016 2:35.97	320-359 BIG S YOKOHAMA	JPN 07/20/2014 2:55.98
Rebecca KAY	Willard LAMB	Shoko YONEZAWA	Tetsuo NAKAMARU
Barbara FRID	David RADCLIFF	Hiyoshi MAKIMOTO	Mieko KAMOSHITA
360-399 MISSION VIEJO MASTER	USA 08/09/2013 3:36.78	360-399 MISSION VIEJO MASTER	USA 08/10/2013 4:19.30
Frank PIEMME	Maurine KORNFELD	Rita SIMONTON	Jurgen SCHMIDT
Rita SIMONTON	Jurgen SCHMIDT	Frank PIEMME	Maurine KORNFELD
***** RELAY 400 M.	FREE - MIXED *****	***** RELAY 400 M. MEDLEY - MIXED *****	
100-119 W98 HANNOVER	GER 06/20/2014 3:48.68	100-119 RENAISSANCE	JPN 03/04/2018 4:12.30
Tim GRABOWSKI	Constantin DAHLE	Kaho TAURA	Yasutomo SASAHARA
Anna-Sophie MARX	Nina-Christin WINTER	Yasuhiro WADA	Maki MITA
120-159 SEN-SWIM	JPN 07/06/2019 3:51.38	120-159 RENAISSANCE	JPN 03/04/2018 4:16.73
Chikahide ENDO	Tomoki TANAKA	Tsuyoshi KITASHITA	Mio KATANAMI
Kanako TAYAMA	Mika KASHIWAZAKI	Daichi KOHNO	Sakiko NAKAMURA
160-199 EDGE	JPN 06/17/2017 3:55.98	160-199 FAREHAM NOMADS	GBR 06/14/2019 4:21.61
Masateri IKEDA	Toru TAKUBO	Joanna CORBEN	Martin BENNELL
Satsuki HIRUKAWA	Kayo YOSHIMURA	Noemie PLUMRIDGE	Johannes BERBERS
200-239 ILLINOIS MASTERS	USA 06/20/2015 4:02.62	200-239 ILLINOIS MASTERS	USA 06/20/2015 4:33.17
David SIMS	Andrea BLOCK	Jim TUCHLER	David SIMS
Liz DILLMANN	Jim TUCHLER	Andrea BLOCK	Liz DILLMANN
240-279 CAPE TOWN MASTERS	RSA 03/19/2015 4:19.89	240-279 CAPE TOWN MASTERS	RSA 03/21/2019 4:57.61
Calvin MAUGHAN	Sanderina KRUGER	Andre STEYNBERG	Graham DU TOIT
Dianne COETZEE	Tim SHEAD	Cecilia STANFORD	Dianne COETZEE



FINA WORLD MASTERS RECORDS - LONG COURSE METERS AS OF SEPT 30, 2019

280-319 TAMALPAIS AQUATIC MA	USA 07/23/2016 5:03.30	280-319 TAMALPAIS MASTERS	USA 05/10/2015 5:28.17
Laura VAL	Nancy RIDOUT	Richard BURNS	Kenneth FROST
Rick MEYERHOFF	Rich BURNS	Laura VAL	Nancy RIDOUT
320-359 OREGON MASTERS	USA 08/26/2017 6:07.33	320-359 OREGON MASTERS	USA 08/27/2017 7:17.49
Willard LAMB	Joy WARD	Willard LAMB	Ginger PIERSON
Janet GETTLING	David RADCLIFF	Joy WARD	David RADCLIFF
360-399 MISSION VIEJO NADADO	USA 07/07/2013 8:26.02	360-399 MISSION VIEJO NADADO	USA 07/07/2013 10:20.46
Frank PIEMME	Maurine KORNFELD	Rita SIMONTON	Jurgen SCHMIDT
Rita SIMONTON	Jurgen SCHMIDT	Frank PIEMME	Maurine KORNFELD
***** RELAY 800 M. FREE - MIXED *****			
100-119 MONTEVERDE	ESP 04/27/2019 8:39.12		
Jaime MARQUES	Alvaro RODRIGUEZ		
Samantha REDONDO	Patricia GONZALES		
120-159 MOVY	USA 03/09/2013 8:41.82		
Joy STOVER	Christie PETERFISH		
Tony STEWART	Anthony DIERS		
160-199 BP HONVED SE	HUN 11/11/2017 8:43.94		
Melinda MAROSI	Dora CERVA		
Andras SCHONEK	Valter KALOUS		
200-239 CONEJO VALLEY MASTER	USA 08/12/2018 9:15.06		
Becky CLEAVANGER	Jill GELLATLY		
Kelly KAREN	Doug KOEHLER		
240-279 SARASOTA Y SHARKS	USA 06/11/2017 9:54.42		
Jack GROSELLE	Rick WALKER		
Laura GROSELLE	Kelly PARKER PALACE		
280-319 TAMALPAIS AQUATIC MA	USA 07/14/2017 11:18.04		
Richard BURNS	Laura VAL		
Nancy RIDOUT	Alan BERNARD		
320-359 ISLAND	JPN 06/12/2016 15:02.06		
Keiko FUJIMOTO	Kiyoko IKEUCHI		
Shingo YAMAMOTO	Kihei YOSHIMURA		
360-399 MISSION VIEJO NADADO	USA 07/07/2013 18:14.23		
Frank PIEMME	Maurine KORNFELD		
Rita SIMONTON	Jurgen SCHMIDT		

The next Top Ten issue will be 2019 Short Course Meters to be published in April 2020.

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