

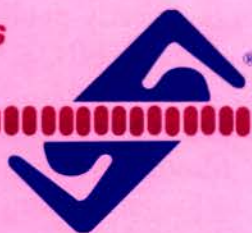
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***United States
Masters Swimming, Inc.***

**2004
Top Ten
Long Course Meters**

**and
World Records
as of November 1, 2004
Long Course Meters
Short Course Meters**

***United States
Masters
Swimming***



Published December 2004

UNITED STATES MASTERS SWIMMING
2004 TOP TEN
LONG COURSE METERS

The 2004 Long Course Top Ten is the second issue in a series of three 2004 Top Ten issues produced by United States Masters Swimming. Inside you will find the Top Ten Times for the 2004 Long Course Meter season (swims performed in a 50 meter pool) made on or before September 30, 2004 and forwarded to the Records and Tabulation Chairman, Pieter Cath, by October 20th, 2004. 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.

Each person (individuals and relay members) on this list is eligible to purchase a Top Ten Patch with stroke segment. **The person to send your order to is Thomas Gorman. Send \$5 to Thomas at PO Box 43824, Richmond Heights, OH 44143, e-mail trgorman@att.net.** Additional stroke segments are \$1.25 each.

The first issue in this series is 2003-2004 Short Course Yards (swims performed in a 25 yard pool). Times and records considered for this Top Ten list must be made on or before May 31st and reported to the Top Ten Chairman by July 15th.

The 2004 Short Course Meters (swims performed in a 25 meter pool) list is the final issue in this series of Top Tens. Times and records considered for this Top Ten list must be made on or before December 31st and reported to the Top Ten Chairman by February 5th.

Once the SCM Top Ten is *finalized*, the official 2004 All American Roster will be produced. A swimmer/relay who has the Top Ten time in one or more event(s) in any one of the three courses qualifies for All American status. To order an All American Certificate and Patch, send a check for \$5 made out to USMS to: USMS National Office, P.O. Box 185, Londonderry, NH 03053-0185.

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 award from Kast-A-Way Swimwear, this year's event sponsor. All American (individual) and All Star rosters will appear in the May/June issue of USMS Swimmer Magazine.

The USMS All Time Top Ten is available in all three courses. This publication lists the top ten fastest times recorded over the years in each age group and each event. The cost is \$4 for one course, \$3 for the second or \$10 for all three. To order, make check payable to Suzanne Rague and send to her at: 935 NW 170th Place, Beaverton, OR 97006-4831.

Masters Swimming World Top Ten Tabulation is a yearly publication produced by FINA. To order, make check payable to FINA for \$10 and send to them at: FINA Office, Avenue de l'Avant-Poste 4 1005 Lausanne - Switzerland.

For more information on USMS, visit our **Web Site** at <http://www.usms.org>. There you will find everything you want to know about United States Masters Swimming, including: Administration, Coaching, Competition, Fitness, Merchandise, Places to Swim, Training, the World of Swimming and links to USMS Top-Ten, USMS and 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, Pieter Cath and the members of the Records & Tabulations Committee for the work you do in pulling all this information together and creating this National Top Ten list, Walt Reid for your many years of service, and Gateway Printing & Graphics who duplicates this final product.

Happy Swimming!
Tracy

2003-2004 Long-Course Meters - Top-Ten Individuals

WOMEN 19-24						
• 50 M. FREESTYLE						
27.24 JESSICA FOSCHI	03	34.10 Jessica Lizzoli	23	33.61 Haley Frasca	24	2:16.52 Marcie Herzog
27.27 Caroline Kilian	24	34.18 Mel A Vander Wood	21	33.75 Iris Nishimoto	23	2:16.81 Jennifer O'Reilly
29.04 Emily K Mullet	24	34.27 Tara Ho	23	33.81 Kimberly Hughes	23	2:20.81 Patricia A Flynn
29.17 Ashley Scott	21	34.52 Xan Rogers	21	33.99 Mel A Vander Wood	21	2:22.46 Jennifer Kappler
29.21 Jessica Lizzoli	23	34.54 Pamela K Splichal	21	• 100 M. BUTTERFLY		2:23.04 Holly F Johnson
29.85 Tara Ho	23	34.88 Susan Janoski	23	1:04.67 S SCHWEITZER	00	2:25.31 Laura C Arneson
30.13 Lauren Trocchio	24	36.03 Lillian Hnath	21	1:12.81 Iris Nishimoto	23	2:25.74 Laura Koch
30.28 Denise M Morales	24	36.42 Victoria Anderson	24	1:16.61 Kimberly Hughes	23	2:27.07 Diane Drake
30.42 Lauren Au	20	36.48 Lauren Au	20	1:18.17 Kate Kolb	24	2:28.48 Kathryn R Brodtkin
30.97 Pamela K Splichal	21	36.71 Ouida Liu	24	1:18.64 Tiffany Harless	20	• 400 M. FREESTYLE
31.15 Kimberly Hughes	23	• 100 M. BACKSTROKE		1:19.56 Lisa Kramer	19	4:13.03 SHEILA TAORMINA
• 100 M. FREESTYLE		1:04.87 S SCHWEITZER	00	1:19.83 Tracey R Siddle	24	4:53.09 Patricia A Flynn
58.94 JESSICA FOSCHI	03	1:10.06 A I Vazhenin	20	1:21.01 Amanda Lampe	23	4:53.15 Christy D Hall
59.06 Caroline Kilian	24	1:13.81 Xan Rogers	21	1:21.08 Jacqueline Cole	24	5:00.54 Liesl Taner
1:03.20 Emily K Mullet	24	1:14.23 Tara Ho	23	1:24.27 Rebecca L King	24	5:01.04 Laura C Arneson
1:03.27 Ashley Scott	21	1:14.91 Meliss Vanderwood	21	1:26.44 Alexandra Wright	19	5:04.04 Holly F Johnson
1:03.50 Mollie Grover	23	1:15.28 Mollie Grover	23	• 200 M. BUTTERFLY		5:04.17 Jennifer Kappler
1:03.86 Tara Ho	23	1:16.09 Julia W Cheuk	19	2:22.59 BLANCA CASTILLO	88	5:05.25 Laura Koch
1:05.97 Denise M Morales	24	1:16.30 Pamela K Splichal	21	2:41.07 Iris Nishimoto	23	5:05.35 Miriam Nowak
1:06.21 Jessica Lizzoli	23	1:17.04 Christy Watkins	23	3:02.68 Kate Kolb	24	5:05.97 Jennifer O'Reilly
1:07.01 Jacqueline Cole	24	1:17.64 Melanie J Deal	24	3:06.24 Lisa Kramer	19	5:12.01 Katie O'Brien
1:07.40 Susan Janoski	23	1:17.73 Susan Janoski	23	3:15.58 Rebecca L King	24	• 800 M. FREESTYLE
1:08.61 Lauren Au	20	• 200 M. BACKSTROKE		3:54.61 Sally Sarles	22	8:47.44 RACHEL KOMISARZ
• 200 M. FREESTYLE		2:19.70 S SCHWEITZER	00	4:15.23 Rachel E Cilley	21	9:55.22 Marcie Herzog
2:03.06 JESSICA FOSCHI	03	2:34.30 A I Vazhenin	20	• 200 M. INDIVIDUAL MEDLEY		10:03.41 Patricia A Flynn
2:14.73 A I Vazhenin	20	2:37.38 Mollie Grover	23	2:24.87 S SCHWEITZER	00	10:17.02 Miriam Nowak
2:16.87 Tara Ho	23	2:41.18 Xan Rogers	21	2:34.32 A I Vazhenin	20	10:20.81 Jennifer Kappler
2:17.22 Mollie Grover	23	2:50.12 Melanie J Deal	24	2:39.18 Emily K Mullet	24	10:22.44 Tiffany J Taulbee
2:19.55 Emily K Mullet	24	2:51.14 Iris Nishimoto	23	2:41.95 Iris Nishimoto	23	10:31.06 Laura K Koch
2:21.84 Ashley Scott	21	2:51.49 Victoria Anderson	24	2:42.61 Mel A Vander Wood	21	10:51.28 S Williams
2:22.56 Lillian Hnath	21	2:52.45 Sarah Salazar	20	2:42.98 Ashley Scott	21	11:00.14 Katie O'Brien
2:24.28 Iris Nishimoto	23	2:53.49 Ouida Liu	24	2:43.60 Christy Watkins	23	11:01.72 Lauren Minto
2:24.66 Denise M Morales	24	2:54.41 Julia W Cheuk	19	2:45.59 Julia W Cheuk	19	11:03.65 Helen Salcedo
2:26.53 Nicole Paquette	23	2:54.84 Laura Graves	19	2:47.91 Liz Badziong	23	• 1500 M. FREESTYLE
2:27.95 Susan Janoski	23	• 50 M. BREASTSTROKE		2:53.36 Laura Graves	19	16:39.77 RACHEL KOMISARZ
• 400 M. FREESTYLE		33.66 ELIZABETH NELSON	95	2:53.51 Jacqueline Cole	24	17:41.64 Linda Gallo
4:16.72 JULIA STOWERS	03	37.64 Kristin Titcombe	24	• 400 M. INDIVIDUAL MEDLEY		18:34.72 Anya Kolbisen
4:49.32 Tara Ho	23	37.94 Haley Frasca	24	5:15.81 SAMANTHA BAUSHER	00	19:09.66 Marcie Herzog
4:59.70 Liz Badziong	23	39.25 Rebekah Stuntz	22	5:48.98 Liz Badziong	23	19:10.17 Christy D Hall
5:00.10 Nicole Paquette	23	40.32 Carla Sterner	23	5:54.39 Julia W Cheuk	19	19:29.84 Jennifer Kappler
5:00.39 A I Vazhenin	20	41.25 Nicole Paquette	23	6:10.13 Ouida Liu	24	19:49.87 Patricia A Flynn
5:05.50 Christy Watkins	23	41.61 Karen Marshall	21	6:10.56 Nicole Paquette	23	19:50.16 Julie Peterson
5:10.90 Denise M Morales	24	42.17 Jacqueline Cole	24	6:22.19 Lisa Kramer	19	19:51.08 Kelly Perry
5:20.67 Carla Sterner	23	42.19 Carrie Crum	23	6:28.04 Victoria Anderson	24	19:53.85 Jenny S Leiser
5:21.24 Taylor Wofford	24	42.44 Lisa Kramer	19	6:30.40 Samantha Taghva	19	20:14.31 Kristen L Cook
5:25.13 Xan Rogers	21	43.30 Alayna Blakely	24	6:35.54 Lauren Hughes	21	• 50 M. BACKSTROKE
5:28.91 Ouida Liu	24	• 100 M. BREASTSTROKE		6:35.61 Kelly Crandell	24	30.80 DIANE GRANER
• 800 M. FREESTYLE		1:13.62 ELIZABETH NELSON	95	6:38.30 Rebecca L King	24	31.55 Jennifer Brooks
9:28.19 S SCHWEITZER	00	1:25.17 Kristin Titcombe	24	WOMEN 25-29		
10:05.50 Emily K Mullet	24	1:25.83 Ashley Scott	21	• 50 M. FREESTYLE		32.52 Zsejke Tusa
10:15.59 Nicole Paquette	23	1:27.40 Lauren Au	20	26.68 SARA SHAND	91	32.79 Emily M Bresser
11:03.00 Xan Rogers	21	1:29.62 Nicole Paquette	23	27.66 Jennifer Brooks	27	34.01 Deanne Moosman
11:12.73 Holly Detra	20	1:29.84 Carla Sterner	23	27.89 Zsejke Tusa	26	34.39 Anya Kolbisen
11:19.57 Brandy Bounds	23	1:29.86 Rebekah Stuntz	22	28.23 Anya Kolbisen	25	34.77 K Ewald Olson
11:27.61 Ouida Liu	24	1:31.27 Taylor Wofford	24	28.23 Marcie Herzog	27	35.30 Diane Drake
11:28.25 Sarah Groskopf	24	1:32.47 Carrie Crum	23	28.49 Marcie Herzog	27	35.45 Liesl Taner
11:37.02 Marly J Wilson	20	1:34.38 Brianna Burger	23	29.23 Holly F Johnson	28	35.71 Kathryn Brodtkin
11:49.06 Allison Higgins	21	1:34.41 Alayna Blakely	24	29.29 Sarah Beltrame	26	35.77 Jennifer O'Reilly
12:04.51 Alicia R Nodier	23	• 200 M. BREASTSTROKE		29.44 Jessica L Carney	28	35.77 V M Schreiner
• 1500 M. FREESTYLE		2:51.20 LOUISE KEOGH	93	29.55 Heather Lingner	28	• 100 M. BACKSTROKE
18:13.47 SAMANTHA BAUSHER	00	3:04.30 Haley Frasca	24	29.86 Lindsay F Kircher	28	1:07.32 DIANE GRANER
19:22.46 Nicole Paquette	23	3:08.69 Kristin Titcombe	24	30.04 Jennifer O'Reilly	25	1:06.37 Lia Oberstar
20:56.56 Holly Detra	20	3:09.17 Nicole Paquette	23	• 100 M. FREESTYLE		1:11.00 Zsejke Tusa
21:29.16 Taylor Wofford	24	3:09.79 Lauren Au	20	57.76 SHEILA TAORMINA	95	1:11.90 Kathryn R Brodtkin
21:33.93 Ouida Liu	24	3:11.30 Melanie J Deal	24	1:00.74 Liesl Taner	28	1:13.11 Tiffany J Taulbee
21:39.35 Brandy Bounds	23	3:13.62 Carla Sterner	23	1:01.02 Jennifer Brooks	27	1:13.31 Emily Bresser
22:16.97 Victoria Anderson	24	3:13.70 Liz Badziong	23	1:01.79 Emily M Bresser	25	1:13.59 Jennifer O'Reilly
22:36.99 Allison Higgins	21	3:14.42 Taylor Wofford	24	1:02.18 Jennifer O'Reilly	25	1:14.78 Deanne Moosman
22:47.78 Lauren Hughes	21	3:15.51 Rebekah A Stuntz	23	1:02.22 Marcie Herzog	27	1:15.41 Hannah L Goddard
22:52.76 Alicia R Nodier	23	3:15.51 Lisa Kramer	19	1:02.79 Holly F Johnson	28	1:17.23 K Ewald Olson
23:25.28 Sally Sarles	22	• 50 M. BUTTERFLY		1:05.57 Heather N Lingner	28	1:19.80 Allison Schnell
• 50 M. BACKSTROKE		29.53 HEATHER SKAGGS	03	1:06.00 Lindsay F Kircher	28	• 200 M. BACKSTROKE
31.55 TORI SMITH	90	31.99 Pamela K Splichal	21	1:06.02 Sarah Beltrame	26	2:19.97 DIANE GRANER
		32.00 Tara Ho	23	1:06.24 Michelle Standora	25	2:22.41 Lia Oberstar
		32.28 Laine O Benthall	20	• 200 M. FREESTYLE		2:33.60 Emily M Bresser
		33.30 Tiffany Harless	20	2:02.06 SHEILA TAORMINA	95	2:36.11 Kathryn R Brodtkin
		33.36 Jacqueline Cole	24	2:15.77 Jennifer Brooks	27	2:38.98 Diane Drake
		33.41 Susan Janoski	23			2:41.29 Jennifer O'Reilly
						2:47.64 Laura C Arneson

2003-2004 Long-Course Meters - Top-Ten Individuals

2:51.05 Miriam Nowak 27	2:39.41 Jennifer O'Reilly 25	10:37.42 Kelly Willis 33	• 200 M. BREASTSTROKE
2:57.00 Jennifer Andrews 25	2:39.81 Diane Drake 25	10:49.35 Monica Fox 30	2:41.51 WENKE HANSEN 99
3:04.15 Allison A Riley 27	2:40.70 Laura K Koch 28	10:51.17 Kirsten Blomberg 32	2:48.25 Nadine Day 34
3:17.19 Leslie Weeter 27	2:41.82 Hannah L Goddard 25	11:03.55 Rondamarie Smith 34	3:07.38 Dawn R Vanderbeek 30
• 50 M. BREASTSTROKE	2:44.58 Patricia A Flynn 28	11:08.71 Anne O'Brien 34	3:07.69 Linda Visser 34
34.35 LOUISE MARTIN 98	2:45.27 Ashley E Reid 27	11:18.89 Alison Moore 34	3:08.28 Monica Fox 30
36.04 Jiajia Wang 25	2:46.04 Laura C Arneson 29	• 1500 M. FREESTYLE	3:11.32 Sarah Brown 30
38.10 Laura Koch 28	2:47.81 Kathryn R Brodtkin 26	17:38.70 KAREN BURTON 96	3:18.03 Traci Kreppel 33
38.28 Elisa Annelin 25	2:48.05 Amy S Diebler 28	18:14.37 Alison Zamanian 34	3:18.63 Alison B Moore 34
38.43 Heather Lingner 28	• 400 M. INDIVIDUAL MEDLEY	18:32.42 Nadine Day 34	3:20.21 Anne O'Brien 34
39.42 Amy S Diebler 28	5:06.34 SARA SHAND 89	19:26.66 Emily Smith 30	3:20.76 Karla Rees 32
40.24 V M Schreiner 25	5:34.67 Tiffany J Taulbee 29	20:10.19 Kelly Willis 33	3:23.67 Susan Elliott 33
40.31 Deanne Moosman 26	5:39.61 Diane Drake 25	21:30.37 Linda Visser 34	• 50 M. BUTTERFLY
40.34 Melanie Williams 25	5:44.32 Hannah L Goddard 25	21:44.93 Kendra A Garrow 30	27.59 ANGEL MARTINO 00
40.54 Jessica L Carney 28	5:46.59 Patricia A Flynn 28	21:54.42 Fiona Petersen 31	29.37 Nadine Day 34
40.68 Jennifer O'Reilly 25	5:49.49 Laura C Arneson 29	22:04.80 Meredith May 30	30.88 Beth Eldridge 34
• 100 M. BREASTSTROKE	5:50.79 Ashley E Reid 27	22:09.94 Kristina R Morse 31	31.13 Sarah Randag 30
1:15.48 HELEN SALCEDO 02	6:13.12 Jessica G Hales 28	22:50.01 Karen Bubaloni 30	31.31 Kristina Ulveling 32
1:16.62 Allison M Wagner 27	6:16.72 Leslie Weeter 27	• 50 M. BACKSTROKE	31.45 Laura Von Gluck 34
1:18.27 Emily M Bresser 25	6:22.61 Kristen L Cook 25	30.94 D GRANER GALLAS 96	31.95 Heather M Hageman 34
1:18.84 Jiajia Wang 25	6:23.28 Kristen L Drake 26	33.54 Erika Braun 32	32.06 Erika L Braun 32
1:22.30 Helen Salcedo 29		33.64 Nadine Day 34	32.30 Niki Adams 33
1:24.13 Laura Koch 28	WOMEN 30-34	34.67 Heather M Hageman 34	32.58 Fiona Petersen 31
1:24.70 Jennifer Kappler 29		34.85 Kristina Ulveling 32	32.68 Rondamarie Smith 34
1:25.08 Jessica Cummings 25	• 50 M. FREESTYLE	35.19 Sarah Randag 30	• 100 M. BUTTERFLY
1:25.76 Ashley E Reid 27	26.25 ANGEL MARTINO 00	35.48 Jennifer Butcher 32	1:00.03 ANGEL MARTINO 00
1:26.47 Elisa M Annelin 25	26.18 Katrina D Radke 34NV	36.02 Alexandra Nieto 32	1:06.26 Nadine Day 34
1:27.21 Amy S Diebler 28	27.49 Beth Eldridge 34	36.23 Cathy W Jones 33	1:08.23 Melissa Varlas 31
• 200 M. BREASTSTROKE	27.73 Erika L Braun 34	36.70 Jennifer Harnett 33	1:08.53 Laura Von Gluck 34
2:45.04 REBECCA BRUCH 00	27.76 Nadine Day 32	37.02 Jennifer Santoro 30	1:09.99 Kelli Broussard 32
2:48.10 Allison M Wagner 27	28.98 Kristina Ulveling 32	• 100 M. BACKSTROKE	1:11.94 Erika L Braun 32
2:54.68 Emily Bresser 25	29.12 Heather M Hageman 34	1:05.42 D GRANER GALLAS 96	1:12.18 Rachel Budde 34
3:00.44 Laura Koch 28	29.15 Gabriela Phalan 31	1:11.27 Nadine Day 34	1:14.96 Staci K Inscore 32
3:01.68 Ashley E Reid 27	29.30 Tere Derbez 32	1:12.99 Melissa Varlas 31	1:15.98 Kirsten Blomberg 32
3:03.77 Jiajia Wang 25	29.47 Sarah Randag 30	1:13.78 Erika L Braun 32	1:16.25 Laura Dravenstott 33
3:04.76 Jennifer Kappler 29	29.75 Julie Coskey 30	1:15.69 Solveig Sullivan 34	1:17.71 Juliette Desousa 34
3:04.96 Helen Salcedo 29	• 100 M. FREESTYLE	1:15.70 Kelli Broussard 32	• 200 M. BUTTERFLY
3:05.34 Christy D Hall 27	57.09 ANGEL MARTINO 00	1:16.56 Jennifer Butcher 32	2:20.12 K PIPES-NEILSEN 96
3:07.52 Elisa Annelin 25	1:00.32 Nadine Day 34	1:17.41 Kristina R Morse 31	2:25.18 Nadine Day 34
3:10.40 Amy S Diebler 28	1:01.54 Beth Eldridge 34	1:17.86 Staci K Inscore 32	2:32.17 Melissa Varlas 31
• 50 M. BUTTERFLY	1:02.32 Erika L Braun 32	1:17.97 Sarah Randag 30	2:34.30 Alison Zamanian 34
28.19 JENNIFER BROOKS 03	1:03.96 Tere Derbez 32	1:19.05 Rondamarie Smith 34	2:39.47 Kelli Broussard 32
28.53 Jennifer Brooks 27	1:05.17 C Leigh-Wood 31	• 200 M. BACKSTROKE	2:47.92 Laura Von Gluck 34
29.37 Zsjeke Tusa 26	1:06.29 Monica L Hare 30	2:17.73 K PIPES-NEILSEN 96	3:10.23 Sarah Brown 30
30.35 Allison M Wagner 27	1:06.40 Katie W Britt 32	2:33.99 Nadine Day 34	3:10.39 Raena A Latina 33
31.00 Lindsay F Kircher 28	1:07.22 Leslie Barnhill 34	2:35.03 Melissa Varlas 31	3:12.97 Caroline F Stein 34
31.28 Marcie Herzog 27	1:07.56 Kirsten Blomberg 32	2:35.60 Alison Zamanian 34	3:29.14 Diana Harrington 32
31.41 Anya Kolbisen 25	1:07.77 Monica Fox 30	2:41.72 Kelli Broussard 32	3:39.01 Liz Gilliland 31
32.14 Jessica L Carney 28	• 200 M. FREESTYLE	2:42.90 Niki Adams 33	• 200 M. INDIVIDUAL MEDLEY
32.14 Diane Drake 25	2:06.80 K PIPES-NEILSEN 96	2:46.78 Staci K Inscore 32	2:23.12 K PIPES-NEILSEN 96
32.52 Holly F Johnson 28	2:09.14 Nadine Day 34	2:50.14 Solveig Sullivan 34	2:24.12 Nadine Day 34
32.98 Laura K Koch 28	2:17.93 Tere Derbez 32	2:56.86 Monica L Hare 30	2:35.24 Alison Zamanian 34
• 100 M. BUTTERFLY	2:23.29 Beth Eldridge 34	2:56.86 Linda Visser 34	2:42.65 Laura Von Gluck 34
1:01.04 RACHEL KOMISARZ 01	2:24.36 Alexandra Nieto 32	2:57.05 Caroline F Stein 34	2:44.27 Niki Adams 33
1:05.11 Zsjeke Tusa 26	2:27.74 Laura Dravenstott 33	• 50 M. BREASTSTROKE	2:44.84 Rondamarie Smith 34
1:05.18 Jennifer Brooks 27	2:28.75 Kelly Willis 33	33.84 WENKE HANSEN 99	2:46.59 Kristina Ulveling 32
1:11.14 Diane Drake 25	2:28.98 Katie W Britt 32	35.44 Nadine Day 34	2:46.93 Linda Visser 34
1:12.94 Laura Koch 28	2:29.73 Heidi C Toft 31	37.87 Beth Eldridge 34	2:47.19 Melissa Varlas 31
1:14.12 Michelle Standora 25	2:30.78 Fiona Petersen 31	37.95 Kelly Willis 33	2:51.27 Jennifer Harnett 33
1:16.13 Chris Gemeinhardt 28	2:31.81 Monica Fox 30	37.98 C Leigh-Wood 31	2:51.55 Katie W Britt 32
1:16.88 Jennifer O'Reilly 25	• 400 M. FREESTYLE	38.24 Kristina Ulveling 32	• 400 M. INDIVIDUAL MEDLEY
1:19.86 S Williams 26	4:28.76 K PIPES-NEILSEN 96	39.74 Dawn R Vanderbeek 30	5:03.97 K PIPES-NEILSEN 96
1:21.55 Anrmarie Winkis 26	4:37.13 Nadine K Day 34	39.83 Gabriela Phalan 31	5:09.93 Nadine Day 34
1:22.28 Leslie Weeter 27	4:51.93 Melissa Varlas 31	39.95 Monica Fox 30	5:28.63 Alison Zamanian 34
• 200 M. BUTTERFLY	4:54.10 Tere Derbez 32	40.11 Rondamarie Smith 34	5:36.48 Melissa Varlas 31
2:17.51 SHEILA TAORMINA 95	5:14.48 Kelly Willis 33	40.44 Linda Visser 34	5:39.64 Laura Von Gluck 34
2:34.93 Diane Drake 25	5:15.08 Fiona Petersen 31	• 100 M. BREASTSTROKE	5:45.46 Kelli Broussard 32
2:53.28 Chris Gemeinhardt 28	5:16.99 Monica Fox 30	1:14.53 WENKE HANSEN 99	5:49.84 Rondamarie Smith 34
2:55.01 Leslie Weeter 27	5:18.84 Laura Von Gluck 34	1:15.45 Nadine Day 34	5:57.89 Staci K Inscore 32
3:01.49 Amanda Leach 27	5:20.82 Laura Dravenstott 33	1:21.86 Kelly Willis 33	6:15.35 Dawn R Vanderbeek 30
3:12.09 Allison A Riley 27	5:22.30 Anne O'Brien 34	1:23.55 C Leigh-Wood 31	6:17.77 Traci Kreppel 33
3:26.13 Heather Bakker 28	5:28.63 Jenny Double 32	1:25.00 Rondamarie Smith 34	6:24.27 Jennifer Fant 30
3:29.89 Gina Cheuk 26	• 800 M. FREESTYLE	1:25.48 Linda Visser 34	
3:37.38 Karen Atkinson 29	9:19.96 SUSAN PORTER 94	1:26.18 Monica Fox 30	WOMEN 35-39
3:53.34 Jennifer M Adams 28	9:41.94 Nadine Day 34	1:27.59 Dawn R Vanderbeek 30	• 50 M. FREESTYLE
• 200 M. INDIVIDUAL MEDLEY	10:15.11 Emily Smith 30	1:29.44 Michelle Heil 34	26.66 TRACIE MOLL 99
2:25.45 SARA SHAND 89	10:26.30 Leslie Barnhill 34	1:29.94 Sarah Brown 30	26.85 Peggy Gross 36
2:32.33 Emily M Bresser 25	10:31.19 Laura Von Gluck 34	1:31.03 Alissa Perrucci 34	

2003-2004 Long-Course Meters - Top-Ten Individuals

28.34 Jennifer Ridge	36	36.39 Caycee Buscaglia	39	1:08.08 Birgit Lohberg	39	2:18.26 Lynnett Hennessey	40
28.46 Kim Macklin	38	36.86 Amy Held	39	1:08.13 Jennifer Ridge	36	2:18.60 Kelly A Parker	43
28.51 Sylvia C Buxton	39	37.70 Christine Tait	39	1:09.96 Sylvia C Buxton	39	2:19.34 Andrea J Block	43
28.56 S Von der Lippe	39	• 100 M. BACKSTROKE		1:11.19 Tiffany A Forbes	37	2:19.61 Beth O Mc Gee	42
29.32 Tiffany A Forbes	37	1:05.41 K PIPES-NEILSEN	97	1:11.20 Sandie Easton	35	2:21.76 Caroline Krattli	42
29.60 Heather Hagadorn	39	1:10.41 Kristin Gary	37	1:13.54 Andrea Luallen	39	2:21.89 Kathy Garnier	44
29.74 Janet Harris	39	1:10.45 A Luallen-Egg	38	1:14.90 Heather Hagadorn	39	• 400 M. FREESTYLE	
29.80 Heather Driscoll	38	1:13.81 Robyn Brewington	39	1:16.68 Kirsten Pursell	37	4:28.24 K PIPES-NEILSEN	02
29.84 Tara Simsak	35	1:14.27 Sylvia C Buxton	39	1:16.85 Heather Rietz	36	4:33.47 K Pipes-Neilsen	42
• 100 M. FREESTYLE		1:15.16 Jill E Gellatly	37	• 200 M. BUTTERFLY		4:39.93 Susanne Simpson	44
58.87 S NEILSON-BELL	95	1:16.04 Janet Harris	39	2:20.21 K PIPES-NEILSEN	97	4:40.36 C Petersen	40
59.48 Peggy Gross	36	1:16.39 Jackie Heer	38	2:36.03 Birgit Lohberg	39	4:51.46 Diana Mc Donough	41
1:00.74 Jennifer Ridge	36	1:16.49 Holly Jenkins	37	2:37.18 Sandie Easton	35	4:52.88 Andrea J Block	43
1:01.36 Laureen Welting	39	1:16.74 Birgit Lohberg	39	2:38.42 Jackie Heer	38	4:55.58 Rebecca Kalibat	41
1:03.26 Tiffany A Forbes	37	1:17.95 Alice W Phillips	39	2:51.95 Kirsten Pursell	37	4:58.78 Caroline Krattli	42
1:03.40 Kristin Gary	37	• 200 M. BACKSTROKE		2:54.89 Nancy North	36	4:59.19 Lynnett Hennessey	40
1:03.45 Heather Hagadorn	39	2:18.20 K PIPES-NEILSEN	97	3:02.57 Susie Shuck	39	5:00.36 Kelly A Parker	43
1:04.18 Heather Rietz	36	2:31.96 Kristin Gary	37	3:03.92 Carol L Prescott	35	5:00.95 Jana Matena	42
1:04.20 Alice W Phillips	39	2:33.26 Sandie Easton	35	3:05.08 Janet Harris	38	• 800 M. FREESTYLE	
1:04.67 Brigit Lohberg	39	2:37.53 Birgit Lohberg	39	3:22.18 Michelle Ward	36	9:21.75 K PIPES-NEILSEN	03
1:04.84 Kim Macklin	38	2:38.18 Andrea Luallen	39	3:45.92 Jennifer Richter	36	9:39.53 C Petersen	40
• 200 M. FREESTYLE		2:40.34 Jill E Gellatly	37	• 200 M. INDIVIDUAL MEDLEY		9:41.90 Susanne Simpson	44
2:06.62 K PIPES-NEILSEN	98	2:47.34 Nancy North	36	2:22.42 K PIPES-NEILSEN	97	9:48.60 K Pipes-Neilsen	42
2:15.12 Jennifer Ridge	36	2:51.50 Janet Harris	38	2:34.58 Jennifer Ridge	36	9:54.25 Diana Mc Donough	41
2:16.69 Laureen Welting	39	2:52.32 Holly Jenkins	37	2:36.84 Jill E Gellatly	37	10:00.58 Kelly A Parker	43
2:16.90 Heather Hagadorn	39	2:52.84 Susie Shuck	39	2:39.85 Kristin Gary	37	10:05.11 Lynnett Hennessey	40
2:19.64 Jill E Gellatly	37	2:55.12 Missie Bankes	39	2:42.60 Alice W Phillips	39	10:10.24 Rebecca Kalibat	41
2:20.51 Alice W Phillips	39	• 50 M. BREASTSTROKE		2:45.37 Jackie Heer	38	10:32.46 Jana Matena	42
2:22.28 Tiffany Forbes	37	33.91 CAROLINE KRATTLI	01	2:45.42 A Luallen-Egg	38	10:33.54 Pat Craissati	44
2:23.19 A Luallen-Egg	38	35.67 Kim Macklin	38	2:48.35 Janet Harris	39	10:46.38 Anna DeLozier	41
2:23.68 Dana C Woody	35	37.33 Louise Keogh	35	2:49.22 Louise Keogh	35	• 1500 M. FREESTYLE	
2:24.45 Ursula S Moser	35	38.63 Ursula S Moser	35	2:49.32 Margaret Reilly	35	17:56.52 K PIPES-NEILSEN	03
2:25.16 Nancy North	36	39.82 Alison G Badger	38	2:49.33 Kirsten Pursell	37	18:24.25 K Pipes-Neilsen	42
• 400 M. FREESTYLE		40.51 Paula Boyle	35	• 400 M. INDIVIDUAL MEDLEY		19:15.25 Rebecca B Kalibat	41
4:26.17 K PIPES-NEILSEN	97	40.81 Mandy L Zipf	39	5:02.67 K PIPES-NEILSEN	98	19:16.22 Kelly A Parker	43
4:46.84 Laureen Welting	39	41.14 Kathy Marques	37	5:38.77 Laureen Welting	39	19:16.64 Diana McDonough	41
4:51.42 Heather Hagadorn	39	41.19 Nancy A Rossetti	35	5:54.38 A Luallen-Egg	38	19:30.86 Susanne Simpson	44
4:53.18 Jill E Gellatly	37	41.24 Margaret Reilly	35	5:57.16 Janet Harris	39	19:47.43 Andrea J Block	43
4:59.75 Sandie Easton	35	41.24 Livia Zien	38	5:57.81 Kirsten Pursell	37	19:59.99 Pat Craissati	44
5:03.74 Tiffany Forbes	37	• 100 M. BREASTSTROKE		5:58.35 Louise Keogh	35	20:04.20 Karyn Austin	40
5:05.43 A Luallen-Egg	39	1:13.81 CAROLINE KRATTLI	01	6:03.52 Robyn Brewington	39	20:16.71 Anna Ray DeLozier	41
5:07.44 Margaret Reilly	35	1:15.11 S Von der Lippe	39	6:04.49 Nancy North	36	20:44.07 Dana Haugli	42
5:08.19 Nancy North	36	1:20.90 Kim Macklin	38	6:15.57 Caycee Buscaglia	39	• 50 M. BACKSTROKE	
5:12.69 Kirsten Pursell	37	1:22.53 Jennifer Ridge	36	6:19.75 Margaret Reilly	35	32.19 K PIPES-NEILSEN	01
5:13.74 Heather Rietz	36	1:23.17 Louise Keogh	35	6:23.48 Heather Rietz	36	32.31 Susan Walsh	42
• 800 M. FREESTYLE		1:23.68 Ursula S Moser	35			33.62 Trischa Zorn	40
9:16.20 K PIPES-NEILSEN	97	1:26.40 Alison G Badger	38			33.64 Joan Schriger	40
10:09.60 Heather Hagadorn	39	1:28.01 M Perroni-Vesey	39			33.69 Lisa A Dahl	43
10:11.59 Dana C Woody	35	1:28.29 Jill E Gellatly	37			33.89 Ellen M Reynolds	40
10:32.27 Tiffany Forbes	37	1:28.64 D Schultz-Santos	36	• 50 M. FREESTYLE		34.41 Monica Bailey	43
10:42.16 Allison Moore	35	1:29.32 Livia Zien	38	26.88 MARIA DOELGER	03	34.65 Diane D McKay	43
10:46.63 Shari Harden	37	• 200 M. BREASTSTROKE		27.92 Lisa Dahl	43	35.80 Nancy F Duran	42
10:50.10 A Luallen-Egg	38	2:41.76 CAROLINE KRATTLI	01	27.98 Diana Mc Donough	41	35.89 Susan Brown	42
10:54.59 Heather Rietz	36	2:54.07 Jennifer Ridge	36	28.10 Susan Walsh	42	36.95 Lori TerLouw	40
11:02.66 Nancy North	36	2:55.65 Louise Keogh	35	28.35 K Pipes-Neilsen	42	• 100 M. BACKSTROKE	
11:03.02 Kirsten Pursell	37	3:04.01 Kim Macklin	38	28.43 Kathy Garnier	44	1:07.69 K PIPES-NEILSEN	03
11:10.93 Dale A LeClair	35	3:05.61 D Schultz-Santos	36	28.84 Beth O Mc Gee	42	1:08.66 K Pipes-Neilson	42
• 1500 M. FREESTYLE		3:09.32 M Perroni-Vesey	39	29.19 T Hanson	43	1:11.77 Joan Schriger	40
17:46.58 K PIPES-NEILSEN	00	3:09.32 M Perroni-Vesey	39	29.30 Caroline Krattli	42	1:12.19 Ellen M Reynolds	40
19:32.05 Dana C Woody	35	3:11.48 A Luallen-Egg	39	29.35 Diane D McKay	43	1:12.34 Susan Walsh	42
19:32.16 Heather Hagadorn	39	3:12.24 Ursula S Moser	35	29.63 Nancy F Duran	42	1:13.66 Caroline Krattli	42
19:58.58 Margaret Reilly	35	3:12.99 Margaret Reilly	35	• 100 M. FREESTYLE		1:14.19 Trischa Zorn	40
20:28.13 A Luallen-Egg	38	3:13.98 Livia Zien	38	58.43 MARIA DOELGER	03	1:15.70 Monica Bailey	43
20:29.78 Nancy North	36	3:17.55 Jerri Friemuth	39	59.59 K Pipes-Neilson	42	1:16.31 Terri Maginnis	44
21:09.65 Mimi Cook	39	• 50 M. BUTTERFLY		1:02.09 Diana Mc Donough	41	1:17.01 Diane D McKay	43
22:08.45 Stacey Howle	38	28.32 TRACIE MOLL	99	1:02.24 Susan Walsh	42	1:19.26 Anna Ray DeLozier	41
22:49.62 Mary Zaug	36	29.46 Peggy Gross	36	1:03.02 C Petersen	40	• 200 M. BACKSTROKE	
23:10.73 Maari E Olsen	35	29.57 S Von der Lippe	39	1:03.46 Beth McGee	42	2:23.64 K PIPES-NEILSEN	03
23:57.31 Nancy McElwain	38	30.57 Sylvia C Buxton	39	1:03.48 Lynnett Hennessey	40	2:27.03 K Pipes-Neilson	42
• 50 M. BACKSTROKE		30.97 Tara Simsak	35	1:04.52 Caroline Krattli	42	2:39.11 Ellen M Reynolds	40
31.43 K PIPES-NEILSEN	99	31.75 Kim Macklin	38	1:04.58 Nancy F Duran	42	2:39.91 C Petersen	40
33.07 Kristin Gary	37	32.47 Becky Fenson	37	1:05.07 Susanne Simpson	44	2:40.34 Joan Schriger	40
33.18 Andrea Luallen	39	32.61 Andrea Luallen	39	1:05.17 Terri Maginnis	44	2:40.94 Caroline Krattli	42
33.23 Sylvia C Buxton	39	32.95 Nancy A Rossetti	35	• 200 M. FREESTYLE		2:44.08 Terri Maginnis	44
35.20 Kim Macklin	38	33.31 Jasmin Baechtiger	35	2:09.00 K PIPES-NEILSEN	03	2:48.88 Monica Bailey	43
35.56 Sandie Easton	35	33.33 Heather Hagadorn	39	2:09.34 K Pipes-Neilson	42	2:50.12 Holly Campbell	43
35.81 D Schultz-Santos	36	• 100 M. BUTTERFLY		2:13.38 C Petersen	40	2:51.24 Bridig J Bunch	41
35.95 Shari Harden	37	1:03.79 TRACIE MOLL	99	2:15.65 Susanne Simpson	44	2:52.09 Anna Ray DeLozier	41
		1:05.02 Peggy Gross	36	2:15.52 Diana Mc Donough	41		

2003-2004 Long-Course Meters - Top-Ten Individuals

<ul style="list-style-type: none"> 50 M. BREASTSTROKE 33.79 CAROLINE KRATTLI 02 35.59 Caroline Krattli 42 37.41 K Pipes-Neilsen 42 37.69 Patricia Powis 43 37.83 Laurie Ditommaso 42 37.99 Steph O Petersen 42 38.72 Holly A Vaughn 43 39.26 Janet G Coover 41 39.28 Michele M Roy 40 39.54 Lynette Washburn 41 39.70 Rebecca Kalibat 41 100 M. BREASTSTROKE 1:13.82 CAROLINE KRATTLI 02 1:14.64 Caroline Krattli 42 1:23.00 Steph O Petersen 42 1:23.27 Janet G Coover 41 1:23.29 Patricia M Powis 43 1:24.30 K Pipes-Neilsen 42 1:27.14 Lynette Washburn 41 1:27.36 Laurie Ditommaso 42 1:27.50 Michele M Roy 40 1:27.85 Brigid J Bunch 41 1:28.08 Dara Wilber 44 200 M. BREASTSTROKE 2:42.06 CAROLINE KRATTLI 02 2:42.89 Caroline Krattli 42 3:03.20 Patricia M Powis 43 3:04.14 Steph O Petersen 42 3:06.85 Rebecca Kalibat 41 3:10.28 Susan Richmond 43 3:10.52 Dara Wilber 44 3:10.99 Colleen A Kelley 41 3:13.46 Brigid J Bunch 41 3:13.70 Sara Demyanovich 40 3:14.33 Lynette Washburn 41 50 M. BUTTERFLY 28.97 ELIZABETH EMERY 02 30.56 Susan Walsh 42 30.57 K Pipes-Neilsen 42 30.86 Andrea J Block 43 30.93 Lisa A Dahl 43 30.99 Laurie Ditommaso 42 31.59 Susanne Simpson 44 31.64 Tillie Atkins 40 31.65 Arlene Delmage 42 31.66 Joan Schriger 40 32.06 Pat Craissati 44 100 M. BUTTERFLY 1:04.74 K PIPES-NEILSEN 03 1:04.84 K Pipes-Neilson 42 1:07.61 Susanne Simpson 44 1:07.86 Andrea J Block 43 1:11.04 Arlene Delmage 42 1:11.47 Joan Schriger 40 1:12.79 Caroline Krattli 42 1:13.43 Pat Craissati 44 1:15.50 Karen A Quinlan 43 1:15.61 Tami Engel 41 1:16.26 Maureen Jones 41 200 M. BUTTERFLY 2:24.77 K PIPES-NEILSEN 03 2:27.00 K Pipes-Neilson 42 2:32.57 Susanne Simpson 44 2:34.46 Andrea J Block 43 2:38.73 Arlene Delmage 42 2:43.06 Pat Craissati 44 2:47.51 Rebecca Kalibat 41 2:53.29 June Ford 42 2:53.55 Karen A Quinlan 43 2:56.88 Tami Engel 41 3:00.70 Marcia Cleveland 40 200 M. INDIVIDUAL MEDLEY 2:25.38 K PIPES-NEILSEN 03 2:26.83 K Pipes-Neilson 42 2:35.75 Caroline Krattli 42 2:42.70 Rebecca Kalibat 41 2:42.92 Ellen M Reynolds 40 	<ul style="list-style-type: none"> 2:43.42 Janet G Coover 41 2:43.42 Trischa Zorn 40 2:44.65 Beth O Mc Gee 42 2:44.66 Terri Maginnis 44 2:44.77 Tillie Atkins 40 2:44.83 Arlene Delmage 42 400 M. INDIVIDUAL MEDLEY 5:09.83 K PIPES-NEILSEN 04 5:09.83 K Pipes-Neilson 42 5:33.08 Caroline Krattli 42 5:42.92 Rebecca Kalibat 41 5:47.33 Janet G Coover 41 5:50.26 Ellen M Reynolds 40 5:54.99 Arlene Delmage 42 5:58.20 Anna Ray DeLozier 41 6:02.20 Cheryl A Barany 40 6:04.91 Monica Bailey 43 6:11.45 Susan Donahue 44 WOMEN 45-49 50 M. FREESTYLE 28.30 JACKI HIRSTY 98 29.04 Leiann Crittenden 48 29.52 K Andrus-Hughes 47 29.56 Traci Granger 46 29.83 Leigh Wiki Royden 49 30.40 Janet H Bright 49 30.48 Jean Bancks 48 30.50 Mary Hughes 46 30.51 Marilyn Early 47 30.70 Lisa Bennett 48 30.91 Barbara Handler 47 100 M. FREESTYLE 1:02.11 S HEIM-BOWEN 03 1:02.84 S Heim-Bowen 46 1:04.35 Leiann Crittenden 48 1:05.58 K Andrus-Hughes 47 1:06.20 Jean A Bancks 48 1:06.33 Leigh Wiki Royden 49 1:06.67 Marilyn E Early 47 1:06.90 Mary Hughes 46 1:06.94 Tricia T Moses 45 1:08.19 Peggy H McDonnell 49 1:08.25 Phyllis A Alvarez 45 200 M. FREESTYLE 2:13.17 S HEIM-BOWEN 03 2:15.59 S Heim-Bowen 46 2:23.66 Marguerite Meyer 45 2:23.93 Denise Brown 45 2:24.39 Joy M Leutner 46 2:25.82 K Andrus-Hughes 47 2:26.23 Marilyn E Early 47 2:26.65 Jean A Bancks 48 2:27.03 Cindy Lee 47 2:27.17 Tracy L Grilli 47 2:27.57 Bridget Vache 49 400 M. FREESTYLE 4:39.20 S HEIM-BOWEN 03 4:39.70 S Heim-Bowen 46 4:58.07 Denise Brown 45 5:03.38 Marguerite Meyer 45 5:04.38 Joy M Leutner 46 5:06.49 Bridget Vache 49 5:12.73 Tracy L Grilli 47 5:14.82 Sally Maddox 45 5:15.74 Cindy Lee 47 5:16.11 K Andrus-Hughes 47 5:20.26 Celia C Devanney 47 800 M. FREESTYLE 9:24.53 S HEIM-BOWEN 03 9:34.57 S Heim-Bowen 46 10:03.18 Denise H Brown 45 10:18.79 Marguerite Meyer 45 10:25.24 Joy M Leutner 46 10:42.46 Bridget Vache 49 10:43.13 Tracy L Grilli 47 10:46.23 Lisa A Bennett 48 	<ul style="list-style-type: none"> 10:48.70 Sally Maddox 45 10:53.34 Celia C Devanney 47 11:01.61 M Pujalet-Devitt 47 1500 M. FREESTYLE 17:55.83 S HEIM-BOWEN 03 19:04.93 Suzann Heim-Bowen 46 19:44.37 Marguerite Meyer 45 20:14.02 Joy Leutner 46 20:26.83 Sally Maddox 45 20:42.26 Tracy L Grilli 47 20:46.23 Jean A Bancks 48 20:53.25 Cindy Lee 47 21:00.72 Hedi Christensen 46 21:14.26 Sharon B Salzman 46 21:17.30 Celia Devanney 47 50 M. BACKSTROKE 32.93 LAURA VAL 97 33.90 K Andrus-Hughes 47 33.95 Sarah Banko 46 35.25 Lindley Fleury 45 36.13 Cindy Lee 47 36.16 Patty Landers 48 36.57 D Doyle-Vallery 46 36.80 Jane McCall 45 36.81 Leiann Crittenden 48 36.95 Suzann Heim-Bowen 46 37.10 Debbie Cavanaugh 46 100 M. BACKSTROKE 1:12.70 LAURA VAL 97 1:15.48 Sarah Banko 46 1:16.94 K Andrus-Hughes 47 1:17.12 Lindley Fleury 45 1:17.71 Terri Cecatiello 45 1:18.35 M Pujalet-Devitt 47 1:18.79 Cindy Lee 47 1:19.74 Debbie Cavanaugh 46 1:21.28 D Doyle-Vallery 46 1:22.15 Marilyn E Early 47 1:22.22 Kim Goodwin 46 200 M. BACKSTROKE 2:38.04 PATTY LANDERS 01 2:48.99 K Andrus-Hughes 47 2:50.34 Terri Cecatiello 45 2:51.59 Debbie Cavanaugh 46 2:52.72 Sarah Banko 46 2:56.23 Robin H Batchelor 47 2:56.91 Paula James 45 2:57.28 Marilyn E Early 47 2:58.48 Mary Chris Curl 47 3:01.42 Jane Stites 47 3:02.68 Patty Landers 48 50 M. BREASTSTROKE 36.97 SUSAN ROY 94 38.04 L Crittenden 48 39.69 Cokie Lepinski 45 40.04 Lisa A Bennett 48 40.77 Janet H Bright 49 40.82 Jill Whitney 47 40.87 Debbie Cavanaugh 46 41.23 Peggy H McDonnell 49 41.56 Tricia Moses 45 42.16 C Gettelfinger 47 42.52 Nancy Vincent 45 100 M. BREASTSTROKE 1:21.72 MELINDA MANN 02 1:24.15 Leiann Crittenden 48 1:26.46 Lisa A Bennett 48 1:27.34 Bridget Vache 49 1:27.77 Cokie Lepinski 45 1:27.88 Janet H Bright 49 1:31.11 Peggy Brannon 45 1:31.63 Debbie Cavanaugh 46 1:32.39 Jill Whitney 47 1:32.77 Nancy Gravel 46 1:32.84 Nancy Vincent 45 200 M. BREASTSTROKE 2:57.24 COLETTE CRABBE 01 3:05.72 Colette Crabbe 48 	<ul style="list-style-type: none"> 3:07.39 Bridget Vache 49 3:08.32 Lisa A Bennett 48 3:09.78 Leiann Crittenden 48 3:10.35 Cokie Lepinski 45 3:11.76 Janet H Bright 49 3:20.56 Sally Maddox 45 3:21.20 Marie Wagner 47 3:21.87 C Gettelfinger 47 3:22.94 Nancy Vincent 45 50 M. BUTTERFLY 30.40 ROBIN PARISI 02 30.80 Traci Granger 46 32.81 Jane McCall 45 32.88 Suzann Heim-Bowen 46 33.33 Sarah Banko 46 33.36 Leiann Crittenden 48 33.48 Colette Crabbe 48 33.52 M Pujalet-Devitt 47 33.58 Barbara Handler 47 34.07 Mary Hughes 46 34.17 Peggy H McDonnell 49 100 M. BUTTERFLY 1:08.02 LAURA VAL 98 1:13.36 Terri Cecatiello 45 1:13.48 Jane McCall 45 1:13.58 Suzann Heim-Bowen 46 1:14.05 Bridget Vache 49 1:16.08 Joanne Wainwright 49 1:17.58 Mary Hughes 46 1:17.67 Pam Martin 47 1:18.23 Tricia T Moses 45 1:19.68 Joy Leutner 46 1:19.99 Celia C Devanney 47 200 M. BUTTERFLY 2:31.37 LAURA VAL 98 2:40.34 S Heim-Bowen 46 2:50.36 Joy M Leutner 46 2:50.76 Joanne Wainwright 49 2:56.98 Marguerite Meyer 45 2:59.54 M Pujalet-Devitt 47 3:05.29 Robin H Batchelor 47 3:09.14 Celia C Devanney 47 3:10.30 Marcie Kanakis 46 3:21.50 Rebecca Pinto 49 3:21.91 Lucy Cook 46 200 M. INDIVIDUAL MEDLEY 2:35.74 COLETTE CRABBE 03 2:41.22 Colette Crabbe 47 2:49.07 Jane McCall 45 2:49.59 Denise Brown 45 2:49.96 K Andrus-Hughes 47 2:51.57 Cindy Lee 47 2:51.78 Mary Hughes 46 2:52.43 Bridget Vache 49 2:53.11 Phyllis A Alvarez 45 2:53.41 M Pujalet-Devitt 47 2:53.94 Joy Leutner 46 400 M. INDIVIDUAL MEDLEY 5:38.12 COLETTE CRABBE 03 5:44.91 Colette Crabbe 47 5:50.86 Denise H Brown 45 5:54.23 Suzann Heim-Bowen 46 5:54.71 M Pujalet-Devitt 47 6:01.20 Joy M Leutner 46 6:04.52 Marguerite Meyer 45 6:10.39 Terri Cecatiello 45 6:14.64 Cindy Lee 47 6:16.95 Robin H Batchelor 47 6:17.17 Paula James 45 WOMEN 50-54 50 M. FREESTYLE 28.22 LAURA VAL 01 29.11 Jacki Hirsty 52 29.49 Robin Parisi 50 30.12 Joel Feldmann 53 30.13 Karlen Trebesiner 51
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2003-2004 Long-Course Meters - Top-Ten Individuals

30.61 Debbie Glassman 51	▪ 100 M. BACKSTROKE	1:28.42 Joan Byrne 50	2:52.42 Joanne Menard 56
31.06 Colny Tucker 53	1:14.44 J SWAGERTY-HILL 02	1:30.34 Dale Williams 52	2:54.02 Nancy R Miller 55
31.09 Pat Sargeant 51	1:20.75 Joel T Feldmann 53	1:33.07 Sally Guthrie 54	2:55.13 L Shoenberger 57
32.29 Carolyn H Battin 50	1:22.59 Karlen Trebesiner 51	1:33.09 Cynthia L Jones 54	▪ 400 M. FREESTYLE
32.64 Anne G LaBorwit 54	1:23.64 Ann Guins 51	1:33.31 Jan Miller 54	5:08.91 BARBARA DUNBAR 04
32.70 Ann Guins 51	1:24.04 Anne G LaBorwit 54	1:35.00 Linda Carstens 52	5:08.91 Barbara Dunbar 55
▪ 100 M. FREESTYLE	1:25.34 Marilyn A Fink 50	▪ 200 M. BUTTERFLY	5:33.22 Meredith Moore 55
1:01.13 LAURA VAL 01	1:25.86 Vicki Seriani 53	2:31.55 LAURA VAL 01	5:37.24 F Williamson 56
1:04.07 Jacki Hirsty 52	1:26.32 Barbara Church 52	2:57.02 Debbie Glassman 51	5:42.83 Marcia Barry 56
1:05.18 Robin Parisi 50	1:26.54 Jan Miller 54	3:12.08 Beverly Amick 50	5:56.84 Martha Alexander 55
1:07.02 Karlen Trebesiner 51	1:27.35 Skippy Mattson 51	3:31.46 Darlene Staley 54	5:57.43 L Shoenberger 57
1:08.23 Debbie Glassman 51	1:27.36 Deb W Walker 53	3:32.51 Linda Carstens 52	6:02.05 Joanne Menard 56
1:08.27 Joel T Feldmann 53	▪ 200 M. BACKSTROKE	3:37.29 Sally Guthrie 54	6:04.66 Anne P Grams 57
1:10.19 Anne G LaBorwit 54	2:46.81 LAURA VAL 02	3:44.98 Pamela E Sharpe 51	6:08.02 Myriam Pero 55
1:10.55 Pat Sargeant 51	2:58.66 Skippy Mattson 51	3:45.73 Jan Miller 54	6:11.06 Nancy R Miller 55
1:11.09 Diane Rothenberg 51	2:59.68 Karlen Trebesiner 51	3:58.58 Lesley A Goodell 50	▪ 800 M. FREESTYLE
1:12.18 Sally Guthrie 54	3:01.41 Vicki Seriani 53	4:08.30 Eugenia Rogers 52	10:41.10 BARBARA DUNBAR 04
1:12.24 Carolyn Roche 53	3:03.32 Joel T Feldmann 53	4:18.36 Carolyn Radcliffe 54	10:41.10 Barbara Dunbar 55
▪ 200 M. FREESTYLE	3:03.88 Anne G LaBorwit 54	▪ 200 M. INDIVIDUAL MEDLEY	11:19.59 Meredith Moore 55
2:15.37 LAURA VAL 01	3:05.03 Deb W Walker 53	2:41.31 LAURA VAL 02	11:39.19 Marcia Barry 56
2:26.66 Jacki Hirsty 52	3:11.29 Jan Miller 54	2:44.30 Robin Parisi 50	12:06.98 Linda Shoenberger 57
2:33.40 Anne G LaBorwit 54	3:11.62 Louise Cleary 50	2:59.22 Pat Sargeant 51	12:28.07 Joanne Menard 56
2:35.39 Frances E Hare 54	3:16.18 Frances E Hare 54	3:08.26 Beverly Amick 50	12:50.09 Sally Dillon 58
2:36.02 Pat Sargeant 51	3:16.30 Joan Byrne 50	3:10.71 Louise Cleary 50	12:51.19 Mary M Pohlmann 59
2:42.73 Beverly O Amick 50	▪ 50 M. BREASTSTROKE	3:11.09 Joan Byrne 50	12:52.87 Christie Altman 55
2:46.12 Sally Guthrie 54	38.69 SUSAN JONES-ROY 00	3:12.20 Linda Carstens 52	12:56.69 Betty Veator 57
2:46.13 Lynn Silver 52	39.88 Virginia Eiwien 51	3:18.25 Sally Guthrie 54	12:57.06 Myriam Pero 55
2:46.93 Joan Byrne 50	40.18 Deb W Walker 53	3:18.63 Shannon Sullivan 50	▪ 1500 M. FREESTYLE
2:49.08 Shannon Sullivan 50	40.98 Merry B Finch 50	3:19.61 Barbara R Hummel 52	19:52.61 BARBARA DUNBAR 04
2:49.63 Jeanne C Garr 50	41.92 Paula Smith 50	3:21.64 Eugenia Rogers 52	19:52.61 Barbara G Dunbar 55
▪ 400 M. FREESTYLE	41.95 Barbara R Hummel 52	▪ 400 M. INDIVIDUAL MEDLEY	21:50.22 Meredith A Moore 55
4:47.93 LAURA VAL 02	42.94 Pamela E Sharpe 51	5:42.80 LAURA VAL 02	23:50.02 Betty B Veator 58
5:12.28 Jacki Hirsty 52	42.99 Skippy Mattson 51	6:24.27 Skippy Mattson 51	24:11.80 Kathrine Casey 56
5:15.80 Carolyn H Battin 50	43.42 Diane Rothenberg 51	6:51.28 S Lee-Sheridan 52	24:20.10 Myriam Pero 55
5:28.11 Frances E Hare 54	43.84 Carolyn H Battin 50	6:54.00 Cynthia L Jones 54	24:22.14 Joanne Menard 56
5:32.12 Terry Sue M Gault 54	44.26 A Wright-Belknap 54	7:01.61 Cheryl Fitzgerald 52	24:31.95 Janet Gettling 56
5:33.12 Carolyn Roche 53	▪ 100 M. BREASTSTROKE	7:06.22 Sally Guthrie 54	25:04.81 Cathy Mancino 55
5:38.13 Beverly O Amick 50	1:26.45 DOT MUNGER 01	7:06.99 Barbara Hummel 52	25:49.07 Brenda Jarmakani 57
5:38.42 Pat Sargeant 51	1:28.62 Deb W Walker 53	7:19.79 Darlene Staley 54	25:49.26 Judy Gillies 56
5:43.78 Cynthia L Jones 54	1:30.03 Merry B Finch 50	7:22.67 Elizabeth Cutter 52	▪ 50 M. BACKSTROKE
5:44.44 Sally Guthrie 54	1:30.68 Barbara R Hummel 52	7:28.42 Eugenia Rogers 52	35.55 B BARNETT-SALLEE 02
5:51.84 Lynn Silver 52	1:32.72 Skippy Mattson 51	7:31.07 Wendy Medley 50	36.98 Brooke Lynch 55
▪ 800 M. FREESTYLE	1:33.82 Carolyn H Battin 50	WOMEN 55-59	37.27 B Barnett-Sallee 57
9:52.55 LAURA VAL 02	1:33.84 Diane Rothenberg 51	▪ 50 M. FREESTYLE	39.76 Meredith Moore 55
10:49.08 Carolyn H Battin 50	1:34.50 Paula Smith 50	30.83 ARDETH MUELLER 97	40.28 Jeannie Mitchell 58
11:18.25 Frances E Hare 54	1:36.67 Linda Carstens 52	31.81 Carolyn F Boak 59	40.30 F S Williamson 56
11:21.12 Carolyn Roche 53	1:37.98 Ann Y McDermott 50	32.00 F S Williamson 56	41.98 Mary M Pohlmann 59
11:44.03 Anne Laborwit 54	1:38.71 A Wright-Belknap 54	33.26 Christie Altman 55	42.19 Janet Gettling 56
11:45.46 Beverly O Amick 50	▪ 200 M. BREASTSTROKE	33.55 Brooke Lynch 55	43.05 Christie Altman 55
12:00.91 Merry B Finch 50	3:09.09 SUSAN JONES-ROY 00	33.95 Anne M Page 56	45.25 Nancy Morris 55
12:03.26 Joan Byrne 50	3:12.86 Deb W Walker 53	34.00 Janet Gettling 56	45.26 Ginger Pierson 58
12:07.36 Kathy Boyer 50	3:16.67 Virginia Eiwien 51	34.01 Gerre Jones 56	▪ 100 M. BACKSTROKE
12:08.09 Sally Guthrie 54	3:18.20 Merry B Finch 50	34.22 Joanne Menard 56	1:17.51 B BARNETT-SALLEE 02
12:08.51 Lynn Silver 52	3:18.67 Barbara R Hummel 52	34.60 Anne P Grams 57	1:25.81 Brooke Lynch 55
▪ 1500 M. FREESTYLE	3:22.88 Carolyn H Battin 50	35.57 Nancy Morris 55	1:25.87 Barbara G Dunbar 55
19:08.69 LAURA VAL 01	3:23.70 Skippy Mattson 51	▪ 100 M. FREESTYLE	1:26.39 Meredith Moore 55
21:26.22 Terry Sue M Gault 54	3:23.99 Diane Rothenberg 51	1:09.45 BARBARA DUNBAR 04	1:27.07 Jeannie Mitchell 58
22:04.86 Anne Laborwit 54	3:29.54 Paula Smith 50	1:09.85 F S Williamson 56	1:30.19 Mary M Pohlmann 59
22:40.68 Cynthia L Jones 54	3:31.76 Linda Carstens 52	1:12.02 Carolyn F Boak 59	1:35.05 Kathrine Casey 56
22:54.58 Sally Guthrie 54	3:34.19 Ann Y McDermott 50	1:09.45 Barbara G Dunbar 55	1:40.11 Ginger Pierson 58
23:00.04 Joan Byrne 50	▪ 50 M. BUTTERFLY	1:09.85 F S Williamson 56	1:45.34 Germaine Havel 56
23:41.57 Kathy Boyer 50	30.72 LAURA VAL 01	1:12.02 Carolyn F Boak 59	1:45.68 Catherine Brooks 56
23:44.46 Mary Saal 51	32.78 Joel T Feldmann 53	1:14.33 Meredith A Moore 55	1:48.12 Sarah L C Tyler 59
23:58.09 Shannon Sullivan 50	33.11 Jacki Hirsty 52	1:15.62 Brooke Lynch 55	▪ 200 M. BACKSTROKE
24:40.19 Cheryl A Wagner 52	33.73 Debbie Glassman 51	1:16.28 Christie Altman 55	2:51.07 B BARNETT-SALLEE 02
24:51.38 Lesley A Goodell 50	35.10 Pat Sargeant 51	1:17.27 Marcia Barry 56	3:07.96 Meredith A Moore 55
▪ 50 M. BACKSTROKE	35.58 Beverly Amick 50	1:17.42 Joanne Menard 56	3:11.65 Brooke Lynch 55
32.87 J SWAGERTY-HILL 02	35.71 Terry Sue M Gault 54	1:18.52 Anne M Page 56	3:12.63 Mary M Pohlmann 59
35.72 Joel T Feldmann 53	35.84 Carolyn Roche 53	1:19.36 Gerre Jones 56	3:15.15 Marcia Barry 56
37.27 Ann Guins 51	35.97 Colny Tucker 53	▪ 200 M. FREESTYLE	3:18.99 Jeannie Mitchell 58
37.65 Karlen Trebesiner 51	36.67 Jan Miller 54	2:28.56 BARBARA DUNBAR 04	3:23.73 Kathrine Casey 56
38.41 Jan Miller 54	37.80 Cynthia L Jones 54	2:28.56 Barbara G Dunbar 55	3:40.56 Ginger Pierson 58
38.66 Anne LaBorwit 54	▪ 100 M. BUTTERFLY	2:33.18 F S Williamson 56	3:42.08 Catherine Brooks 56
38.70 Barbara Church 52	1:07.81 LAURA VAL 01	2:39.24 B Barnett-Sallee 57	3:42.15 Barbara Larsen 57
38.88 Marilyn A Fink 50	1:12.24 Robin Parisi 50	2:42.43 Meredith A Moore 55	3:43.10 Sandra G Cathey 55
39.16 Vicki Seriani 53	1:17.33 Debbie Glassman 51	2:42.67 Marcia Barry 56	▪ 50 M. BREASTSTROKE
40.00 Louise Cleary 50	1:20.14 Beverly O Amick 50	2:45.64 Martha Alexander 55	39.91 JAYNE BRUNER 91
40.48 Margaret R Dodson 53	1:25.97 Pat Sargeant 51	2:49.61 Carolyn F Boak 59	40.57 Ginger L Pierson 58

2003-2004 Long-Course Meters - Top-Ten Individuals

41.82 Carolyn F Boak	59	3:24.25 Ginger Pierson	58	■ 1500 M. FREESTYLE		4:09.86 Susan E Marens	62
42.83 Meegan J Wilson	56	3:25.49 Kathrine Casey	56	22:29.85 JACKIE MARR	04	4:10.22 Lynne H Lund	64
42.93 Martha Alexander	55	3:25.57 Janet Gettling	56	22:29.85 Jackie M Marr	61	4:10.90 Peggie Hodge	64
43.75 Christie M Hayes	56	■ 400 M. INDIVIDUAL MEDLEY		25:33.45 Lynne Lund	64	4:12.27 Aagje Caron	63
44.33 Margot Pettijohn	58	6:16.14 BARBARA DUNBAR	04	26:08.43 Bonnie Kotzbach	60	4:17.76 Marilyn A Ramey	64
44.38 Janet Gettling	56	6:16.14 Barbara G Dunbar	55	26:17.59 Susan Allen	60	4:17.88 Betty G Kight	63
44.48 Gerre Jones	56	6:59.32 Christie M Hayes	56	27:34.79 Louise Stephens	61	■ 50 M. BUTTERFLY	
46.26 F Williamson	56	7:02.42 Martha Alexander	55	28:15.94 Ida M Hlavacek	62	35.62 JOY WARD	02
47.81 Nancy R Miller	55	7:03.21 Cathy Mancino	55	28:52.93 Joann Chapman	60	38.31 Joy Ward	62
■ 100 M. BREASTSTROKE		7:08.62 Margot Pettijohn	58	29:14.54 Marilyn Ramey	64	38.86 Barbara Frid	62
1:29.88 JAYNE BRUNER	92	7:10.94 Kathrine Casey	56	29:31.36 Carol S Smollen	60	39.36 Daniela Barnea	60
1:31.42 Ginger L Pierson	58	7:12.01 Janet Gettling	56	30:40.30 Ellen Shockro	62	39.51 Sarah Kopsky	63
1:34.91 Meegan J Wilson	56	7:17.71 Jeannie Mitchell	58	■ 50 M. BACKSTROKE		40.81 Elizabeth Roepke	64
1:36.15 Martha Alexander	55	7:19.50 Ginger Pierson	58	38.76 BETSY JORDAN	97	41.29 Lynne Lund	64
1:36.19 Christie M Hayes	56	7:25.91 Sarah Welch	57	42.08 Betty Bennett	61	43.11 Susan L Meyers	62
1:37.31 Margot Pettijohn	58			42.45 Joy Ward	62	43.20 Beth Schreiner	63
1:41.54 Janet Gettling	56	WOMEN 60-64		43.27 Barbara Frid	62	44.96 Jackie Marr	61
1:42.99 Sally Dillon	58			46.41 Lynne Lund	64	46.76 Betty Dugan	63
1:43.82 Gerre Jones	56	■ 50 M. FREESTYLE		46.83 Betsy Durrant	63	■ 100 M. BUTTERFLY	
1:43.98 Nancy R Miller	55	32.77 JAYNE BRUNER	95	47.02 Beth Schreiner	63	1:29.24 DANIELA BARNEA	04
1:48.53 Stephanie I Scott	57	34.02 Nancy J Ridout	62	47.45 Carol Adams	61	1:29.24 Daniela Barnea	60
■ 200 M. BREASTSTROKE		34.13 Jackie Marr	61	47.91 Judy Martin	62	1:32.65 Joy Ward	62
3:19.16 JOANN LEILICH	98	35.34 Barbara Frid	62	48.87 Ida Hlavacek	62	1:37.63 Jackie Marr	61
3:24.23 Ginger L Pierson	58	35.37 Beth Schreiner	63	49.64 Jane Katz	61	1:38.54 Lynne Lund	64
3:25.08 Meegan J Wilson	56	35.49 Joy Ward	62	■ 100 M. BACKSTROKE		1:49.93 Millie Larsen	64
3:34.16 Christie M Hayes	56	35.59 Betty Bennett	61	1:24.45 BETSY JORDAN	97	1:55.78 Ida M Hlavacek	62
3:36.86 Margot Pettijohn	58	37.56 Lynne Lund	64	1:32.62 Jackie Marr	61	1:58.08 Susan E Marens	62
3:37.04 Martha Alexander	55	37.67 Bonnie Kotzbach	60	1:32.99 Joy Ward	62	1:58.53 Ann Louise Onton	61
3:50.82 Gerre Jones	56	37.97 Ida M Hlavacek	62	1:33.17 Betty Bennett	61	2:00.61 Peggie Hodge	64
3:53.79 Catherine Brooks	56	38.18 Sue Calnek-Morris	61	1:36.87 Barbara Frid	62	2:01.08 Marilyn Ramey	64
3:54.03 Betty B Veater	58	■ 100 M. FREESTYLE		1:41.77 Betsy Durrant	63	■ 200 M. BUTTERFLY	
3:54.64 Stephanie I Scott	57	1:14.16 JACKIE MARR	03	1:45.28 Carol Adams	61	3:29.37 DANIELA BARNEA	04
3:56.12 Susan Ellis	57	1:16.05 Jackie Marr	61	1:46.53 Judy Martin	62	3:29.37 Daniela Barnea	60
■ 50 M. BUTTERFLY		1:19.82 Nancy J Ridout	62	1:47.35 Ida M Hlavacek	62	3:45.27 Joy Ward	62
34.43 JOY WARD	99	1:23.91 Beth Schreiner	63	1:47.64 Jane Katz	61	3:50.51 Lynne Lund	64
35.56 Barbara Dunbar	55	1:24.25 Barbara Frid	62	1:48.45 Millie Larsen	64	4:21.88 Ida M Hlavacek	62
35.91 Carolyn F Boak	59	1:25.37 B Kotzbach	60	■ 200 M. BACKSTROKE		4:41.74 Ann Louise Onton	61
36.78 Anne P Grams	57	1:25.54 Joy Ward	62	3:06.23 BETSY JORDAN	97	4:43.91 Aagje Caron	63
37.02 Susan A C Tyler	56	1:27.28 Susan Allen	60	3:14.38 Jackie Marr	61	6:29.45 Karen Hannam	64
37.64 Janet Gettling	56	1:29.16 Betty Dugan	63	3:18.80 Joy Ward	62	■ 200 M. INDIVIDUAL MEDLEY	
37.95 Christie Altman	55	1:29.52 Jane Birkhead	64	3:31.10 Betty Bennett	61	3:09.34 JACKIE MARR	03
39.61 Meegan J Wilson	56	1:30.93 Ida Hlavacek	62	3:35.26 Lynne H Lund	64	3:17.82 Jackie M Marr	61
40.30 Margot Pettijohn	58	■ 200 M. FREESTYLE		3:39.23 Jane Katz	61	3:26.36 Joy Ward	62
40.78 Anne M Page	56	2:41.27 JACKIE MARR	03	3:49.34 Carol Adams	61	3:30.54 Lynne Lund	64
41.36 Sarah Welch	57	2:42.26 Jackie Marr	61	3:50.93 Ida M Hlavacek	62	3:36.61 Susan Meyers	62
■ 100 M. BUTTERFLY		3:00.59 Nancy J Ridout	62	3:52.82 Judy Martin	62	3:43.06 Beth Schreiner	63
1:18.97 BARBARA DUNBAR	04	3:05.38 Lynne Lund	64	4:00.93 Jennifer Parks	61	3:52.33 Bonnie Kotzbach	60
1:18.97 Barbara Dunbar	55	3:06.12 Barbara Frid	62	4:03.95 Joann Chapman	60	3:57.35 Marilyn Ramey	64
1:27.58 A Susan Tyler	56	3:09.37 B Kotzbach	60	■ 50 M. BREASTSTROKE		4:01.12 Ida Hlavacek	62
1:31.18 Christie Altman	55	3:09.53 Betty Bennett	61	41.43 JAYNE BRUNER	98	4:06.36 Joann Chapman	60
1:31.65 Cathy Mancino	55	3:10.74 J Murphy-Sherman	60	43.49 Daniela Barnea	60	4:08.52 Peggie Hodge	64
1:33.31 Janet Gettling	56	3:11.94 Susan Allen	60	47.94 Barbara Frid	62	■ 400 M. INDIVIDUAL MEDLEY	
1:34.25 Ginger L Pierson	58	3:13.65 Beth Schreiner	63	48.22 J Murphy-Sherman	60	6:36.99 JACKIE MARR	03
1:36.49 Margot Pettijohn	58	3:15.07 Sue Calnek-Morris	61	48.85 Betsy Durrant	63	6:47.25 Jackie M Marr	61
1:38.24 Meegan Wilson	56	■ 400 M. FREESTYLE		50.01 Susan Allen	60	7:23.58 Daniela Barnea	60
1:42.54 Betty B Veater	58	5:39.72 JACKIE MARR	04	50.66 Betty G Kight	63	7:26.93 Lynne Lund	64
1:46.65 Barbara Larsen	57	5:39.72 Jackie Marr	61	51.62 Judy Martin	62	7:47.62 Susan Meyers	62
■ 200 M. BUTTERFLY		6:28.92 Nancy Ridout	62	52.08 Susan L Meyers	62	8:23.20 Ida M Hlavacek	62
2:53.74 BARBARA DUNBAR	04	6:29.43 J Murphy-Sherman	60	52.32 Sandy Skarsaune	61	8:26.18 Aagje Caron	63
2:53.74 Barbara Dunbar	55	6:30.47 Barbara Frid	62	52.73 Susan E Marens	62	8:39.10 Marilyn A Ramey	64
3:24.39 Ginger L Pierson	58	6:34.80 Lynne Lund	64	■ 100 M. BREASTSTROKE		8:43.58 Ann Louise Onton	61
3:35.72 Janet Gettling	56	6:35.74 Jane Katz	61	1:32.37 JOANN LEILICH	99	8:47.68 JoAnn Chapman	60
3:43.00 Kathrine Casey	56	6:38.40 B Kotzbach	60	1:36.71 Daniela Barnea	60	9:26.31 Martha Davis	64
3:44.04 Barbara Larsen	57	6:39.97 Louise Stephens	61	1:44.39 Barbara Frid	62		
3:46.30 Margot Pettijohn	58	6:48.58 Sue Calnek-Morris	61	1:46.46 J Murphy-Sherman	60	WOMEN 65-69	
3:50.94 Mary M Pohlmann	59	6:53.68 Susan Allen	60	1:49.80 Susan L Meyers	62	■ 50 M. FREESTYLE	
3:53.24 Sandra G Cathey	55	■ 800 M. FREESTYLE		1:50.75 Sandy Skarsaune	61	33.55 JAYNE BRUNER	00
3:55.00 Jeannie Mitchell	58	11:41.17 JACKIE MARR	03	1:52.34 Betsy Durrant	63	36.33 Sally Bolar	65
3:56.11 Catherine Brooks	56	11:41.68 Jackie Marr	61	1:54.32 Betty G Kight	63	36.44 Jeanne Little	67
■ 200 M. INDIVIDUAL MEDLEY		13:01.78 J Murphy-Sherman	60	1:54.91 Susan E Marens	62	36.45 Johnnie Detrick	69
2:59.11 BARBARA DUNBAR	04	13:17.25 Jane Katz	61	1:56.19 Marilyn Ramey	64	36.84 Barbara Zaremski	67
2:59.11 Barbara Dunbar	55	13:38.57 Lynne Lund	64	1:56.42 Carol Adams	61	39.57 Patricia Tullman	67
3:08.96 Carolyn F Boak	59	13:38.80 Barbara Frid	62	■ 200 M. BACKSTROKE		40.22 Sally Newell	67
3:10.47 Martha Alexander	55	13:39.01 B Kotzbach	60	3:23.62 JOANN LEILICH	99	41.33 Shelly Whitlock	65
3:11.62 Anne P Grams	57	13:43.45 Louise Stephens	61	3:31.45 Daniela Barnea	60	41.78 Barbara Dillard	66
3:13.49 Christie M Hayes	56	13:45.69 Sue Calnek-Morris	61	3:52.11 Sandy Skarsaune	61	42.98 Susan Andreu	66
3:21.95 Susan A C Tyler	56	13:57.99 Susan Allen	60	3:54.35 Susan L Meyers	62	43.17 Ann McDonnell	65
3:22.45 Meegan J Wilson	56	14:27.98 Ida Hlavacek	62	4:05.07 Carol Adams	61		

2003-2004 Long-Course Meters - Top-Ten Individuals

<p>• 100 M. FREESTYLE</p> <p>1:16.84 CLARA WALKER 92</p> <p>1:24.71 Jeanne Little 67</p> <p>1:25.19 Sally Bolar 65</p> <p>1:25.65 Barbara Zaremski 67</p> <p>1:26.11 Patricia Tullman 67</p> <p>1:26.29 Johnnie Detrick 69</p> <p>1:35.36 Barbara Bower 66</p> <p>1:36.90 Ann McDonnell 65</p> <p>1:39.67 Miek Mc Cubbin 69</p> <p>1:40.77 Barbara Dillard 66</p> <p>1:43.98 Susan Andreu 66</p> <p>• 200 M. FREESTYLE</p> <p>2:48.51 CLARA WALKER 92</p> <p>3:01.75 Sally A Bolar 65</p> <p>3:12.08 Betsy Jordan 67</p> <p>3:15.09 Barbara Zaremski 67</p> <p>3:16.26 Patricia Tullman 67</p> <p>3:19.29 Susan Livingston 66</p> <p>3:20.06 Nancy Brown 68</p> <p>3:20.43 Joann Leilich 65</p> <p>3:29.02 Johnnie Detrick 69</p> <p>3:29.89 Barbara M Bower 66</p> <p>3:33.16 Ann McDonnell 65</p> <p>• 400 M. FREESTYLE</p> <p>5:54.90 LAVELLE STOINOFF 98</p> <p>6:38.25 Sally A Bolar 65</p> <p>6:40.80 Betsy Jordan 67</p> <p>6:55.01 Nancy Brown 68</p> <p>7:00.80 Jeanne Little 67</p> <p>7:04.25 Joann Leilich 65</p> <p>7:10.88 Patricia Tullman 67</p> <p>7:12.79 Patricia Bond 66</p> <p>7:15.90 Barbara M Bower 66</p> <p>7:23.80 Ann McDonnell 65</p> <p>7:47.03 Sandra L Kremer 68</p> <p>• 800 M. FREESTYLE</p> <p>12:23.32 LAVELLE STOINOFF 98</p> <p>13:45.10 Betsy Jordan 67</p> <p>13:45.61 Sally A Bolar 65</p> <p>14:41.05 Barbara Bower 66</p> <p>14:51.08 Patricia Tullman 67</p> <p>15:12.15 Barbara Zaremski 67</p> <p>16:08.86 Laura Gogola 68</p> <p>16:16.06 Jean M Sterling 68</p> <p>16:49.06 Patricia Arnold 65</p> <p>16:50.64 Marianne Brogan 69</p> <p>17:24.21 Doris Prokopi 69</p> <p>• 1500 M. FREESTYLE</p> <p>23:42.01 LAVELLE STOINOFF 98</p> <p>25:57.33 Betsy Jordan 67</p> <p>26:51.89 Sally Bolar 65</p> <p>27:44.77 Barbara M Bower 66</p> <p>28:24.66 Barbara Zaremski 67</p> <p>28:30.88 Susan Livingston 66</p> <p>29:28.95 Patricia Tullman 67</p> <p>30:50.94 Sylvia Glenn 67</p> <p>31:09.50 Laura J Gogola 68</p> <p>31:13.79 Miek Mc Cubbin 69</p> <p>31:22.21 Patricia F Arnold 65</p> <p>• 50 M. BACKSTROKE</p> <p>39.85 CLARA WALKER 92</p> <p>42.81 Betsy Jordan 67</p> <p>46.94 Barbara Zaremski 67</p> <p>47.58 Susan Livingston 66</p> <p>48.47 Sally Newell 67</p> <p>49.33 Patricia Bond 66</p> <p>50.21 Jean Larrabee 66</p> <p>50.78 Patricia Tullman 67</p> <p>52.75 Miek Mc Cubbin 69</p> <p>53.08 Laura J Gogola 68</p> <p>54.26 Barbara Dillard 66</p> <p>• 100 M. BACKSTROKE</p> <p>1:30.97 CLARA WALKER 91</p> <p>1:35.20 Betsy Jordan 67</p> <p>1:43.59 Susan Livingston 66</p> <p>1:44.14 Sally Newell 67</p> <p>1:45.10 Barbara Zaremski 67</p>	<p>1:47.47 Lucille Griffin 66</p> <p>1:47.70 Patricia Bond 66</p> <p>1:48.12 Nancy Brown 68</p> <p>1:53.01 Barbara M Bower 66</p> <p>1:55.74 Miek Mc Cubbin 69</p> <p>1:56.59 Patricia Tullman 67</p> <p>• 200 M. BACKSTROKE</p> <p>3:16.02 LAVELLE STOINOFF 98</p> <p>3:24.65 Betsy T Jordan 67</p> <p>3:45.31 Lucille Griffin 66</p> <p>3:45.88 Sally Newell 67</p> <p>3:46.62 Nancy Brown 68</p> <p>3:47.56 Susan Livingston 66</p> <p>4:04.63 Barbara M Bower 66</p> <p>4:07.21 Ann McDonnell 65</p> <p>4:07.46 Barbara Dillard 66</p> <p>4:08.79 Patricia Tullman 67</p> <p>4:13.47 Miek Mc Cubbin 69</p> <p>• 50 M. BREASTSTROKE</p> <p>44.24 JOANN LEILICH 04</p> <p>44.24 Joann Leilich 65</p> <p>48.53 Sally Newell 67</p> <p>50.87 Margit Jebe 66</p> <p>51.99 Shelly Whitlock 65</p> <p>52.41 Jean Sterling 68</p> <p>52.48 Johnnie Detrick 69</p> <p>53.84 Alice U Jones 66</p> <p>54.45 Beverly Salvetti 67</p> <p>55.00 Doris Prokopi 69</p> <p>56.60 Sandra L Kremer 68</p> <p>• 100 M. BREASTSTROKE</p> <p>1:36.94 JOANN LEILICH 04</p> <p>1:36.94 Joann Leilich 65</p> <p>1:45.93 Sally Newell 67</p> <p>1:46.68 Margit Jebe 66</p> <p>1:57.08 Johnnie Detrick 69</p> <p>1:58.90 Jean M Sterling 68</p> <p>2:01.89 Doris Prokopi 69</p> <p>2:02.81 Carolyn Haefner 65</p> <p>2:03.72 Beverly Salvetti 67</p> <p>2:04.77 Carol Reinke 68</p> <p>2:06.07 Sandra L Kremer 68</p> <p>• 200 M. BREASTSTROKE</p> <p>3:32.51 JOANN LEILICH 04</p> <p>3:32.51 Joann Leilich 65</p> <p>3:55.21 Sally Newell 67</p> <p>4:25.29 Doris Prokopi 69</p> <p>4:27.08 Jean M Sterling 68</p> <p>4:35.57 Sandra L Kremer 68</p> <p>4:35.78 Carolyn Haefner 65</p> <p>4:36.01 Patricia F Arnold 65</p> <p>4:38.49 Alice U Jones 66</p> <p>4:51.51 Ursula Harris 66</p> <p>4:53.08 Sandy Steer 65</p> <p>• 50 M. BUTTERFLY</p> <p>39.18 GAIL ROPER 96</p> <p>41.33 Sally Bolar 65</p> <p>44.56 Betsy T Jordan 67</p> <p>44.67 Jeanne Little 67</p> <p>47.53 Patricia Tullman 67</p> <p>50.12 Sandy Cattarin 65</p> <p>50.16 Sally Newell 67</p> <p>50.25 Jean M Sterling 68</p> <p>52.78 Patricia Bond 66</p> <p>55.28 Barbara Dillard 66</p> <p>56.54 Helen H Bayly 67</p> <p>• 100 M. BUTTERFLY</p> <p>1:35.57 SALLY BOLAR 04</p> <p>1:35.57 Sally A Bolar 65</p> <p>1:47.57 Betsy T Jordan 67</p> <p>1:49.83 Lucille Griffin 66</p> <p>1:59.83 Patricia Tullman 67</p> <p>2:00.51 Jeanne Little 67</p> <p>2:03.57 Jean Sterling 68</p> <p>2:04.66 Barbara Love 67</p> <p>2:07.86 Sandy Cattarin 65</p> <p>2:12.34 Doris Prokopi 69</p> <p>2:16.58 Priscill Callaway 65</p>	<p>• 200 M. BUTTERFLY</p> <p>3:36.25 JUNE KRAUSER 94</p> <p>3:47.12 Sally A Bolar 65</p> <p>4:07.36 Lucille Griffin 66</p> <p>4:08.16 Betsy T Jordan 67</p> <p>4:13.68 Susan Livingston 66</p> <p>4:25.45 Barbara Love 67</p> <p>4:30.30 Jean Sterling 68</p> <p>5:01.10 Barbara Zaremski 67</p> <p>5:03.09 Sandy Cattarin 65</p> <p>5:34.99 Doris Prokopi 69</p> <p>5:54.89 Jane R Fisher 68</p> <p>• 200 M. INDIVIDUAL MEDLEY</p> <p>3:19.01 CLARA WALKER 91</p> <p>3:36.35 Betsy T Jordan 67</p> <p>3:44.56 Nancy Brown 68</p> <p>3:56.15 Patricia Bond 66</p> <p>3:57.32 Sally Newell 67</p> <p>4:05.77 Jean Sterling 68</p> <p>4:06.80 Barbara Love 67</p> <p>4:08.84 Barbara Zaremski 67</p> <p>4:20.10 Sandy Cattarin 65</p> <p>4:20.90 Patricia F Arnold 65</p> <p>4:22.33 Doris Prokopi 69</p> <p>• 400 M. INDIVIDUAL MEDLEY</p> <p>7:09.69 CLARA WALKER 92</p> <p>7:49.78 Betsy T Jordan 67</p> <p>8:04.82 Susan Livingston 66</p> <p>8:26.28 Lucille Griffin 66</p> <p>8:43.34 Barbara Love 67</p> <p>8:46.50 Jean M Sterling 68</p> <p>8:54.88 Barbara Zaremski 67</p> <p>9:15.94 Sandy Cattarin 65</p> <p>9:39.83 Doris Prokopi 69</p> <p>9:58.27 P W Callaway 65</p> <p>10:40.45 Adeline A Quinn 69</p> <p style="text-align: center;">WOMEN 70-74</p> <p>• 50 M. FREESTYLE</p> <p>35.28 GAIL ROPER 99</p> <p>38.89 Ronnie Kamphausen 70</p> <p>39.96 Ann Kay 70</p> <p>41.40 Adrienne Pipes 70</p> <p>42.17 Nancy A Waite 70</p> <p>42.48 Margaret T Homans 72</p> <p>43.62 Vel Perry 71</p> <p>43.75 Barbara Callison 71</p> <p>44.99 Ann Hirsch 73</p> <p>47.74 Sumie Anderson 71</p> <p>47.79 Gay C Collins 74</p> <p>• 100 M. FREESTYLE</p> <p>1:19.94 GAIL ROPER 99</p> <p>1:23.73 Lavelle Stoinoff 71</p> <p>1:27.77 Diane Stowell 70</p> <p>1:32.79 Ann Kay 70</p> <p>1:33.77 Adrienne Pipes 70</p> <p>1:38.46 Ann Hirsch 73</p> <p>1:38.63 Barbara Callison 71</p> <p>1:39.81 Margaret Homans 71</p> <p>1:42.56 Nancy A Waite 70</p> <p>1:44.05 Joan Alexander 72</p> <p>1:44.13 Vel Perry 71</p> <p>• 200 M. FREESTYLE</p> <p>2:57.28 LAVELLE STOINOFF 03</p> <p>2:59.75 Lavelle Stoinoff 71</p> <p>3:10.45 Ronnie Kamphausen 70</p> <p>3:16.78 Diane Stowell 70</p> <p>3:24.51 Adrienne Pipes 70</p> <p>3:25.08 Ann Kay 70</p> <p>3:26.29 Ann Hirsch 73</p> <p>3:30.60 Lida A Gaschke 72</p> <p>3:39.54 Joan Alexander 72</p> <p>3:42.79 Margaret T Homans 72</p> <p>3:50.21 Donna Monroe 71</p> <p>• 400 M. FREESTYLE</p> <p>6:11.92 LAVELLE STOINOFF 03</p> <p>6:12.81 Lavelle Stoinoff 71</p> <p>6:51.10 Diane Stowell 70</p> <p>7:14.42 Ann Hirsch 73</p> <p>7:15.90 Adrienne Pipes 70</p> <p>7:21.55 Elizabeth A Kirby 71</p> <p>7:26.40 Lida A Gaschke 72</p> <p>7:55.53 Margaret T Homans 72</p> <p>7:59.14 Joan Campbell 74</p> <p>8:09.29 Jean Duncan 72</p> <p>8:20.10 Nancy A Waite 70</p> <p>• 800 M. FREESTYLE</p> <p>12:35.14 LAVELLE STOINOFF 04</p> <p>12:35.14 Lavelle Stoinoff 71</p> <p>14:47.95 Ann Hirsch 73</p> <p>14:53.91 Adrienne Pipes 70</p> <p>15:47.70 Donna Monroe 71</p> <p>16:37.44 Jean Duncan 72</p> <p>16:54.94 Joan Campbell 74</p> <p>17:39.76 Ann B Stevens 71</p> <p>18:26.13 Lilly Kron 73</p> <p>20:19.36 Barb K Nelson 71</p> <p>22:17.07 Carol Ganzel 73</p> <p>• 1500 M. FREESTYLE</p> <p>24:24.13 LAVELLE STOINOFF 03</p> <p>24:37.45 Lavelle Stoinoff 71</p> <p>28:03.78 Adrienne Pipes 70</p> <p>28:04.11 Elizabeth A Kirby 71</p> <p>28:49.36 Lida A Gaschke 72</p> <p>30:04.65 Donna Monroe 71</p> <p>31:43.17 Jean Duncan 72</p> <p>31:44.95 Joan K Campbell 74</p> <p>34:46.32 Lilly Kron 73</p> <p>35:58.11 D J Murray 74</p> <p>38:22.53 Mary F Williams 73</p> <p>• 50 M. BACKSTROKE</p> <p>42.29 DORIS STEADMAN 96</p> <p>49.05 Ann Kay 70</p> <p>50.07 Lavelle Stoinoff 71</p> <p>51.67 S Robbins-Bonitz 71</p> <p>52.54 Nancy A Waite 70</p> <p>52.77 Margaret T Homans 72</p> <p>53.00 Vel Perry 71</p> <p>53.43 Ann Hirsch 73</p> <p>55.50 Sumie Anderson 71</p> <p>56.60 Cynthia H Barton 74</p> <p>1:00.23 Mary Jane Mullins 73</p> <p>• 100 M. BACKSTROKE</p> <p>1:35.11 DORIS STEADMAN 95</p> <p>1:44.93 Lavelle Stoinoff 71</p> <p>1:45.50 Elizabeth A Kirby 71</p> <p>1:47.49 Ann Kay 70</p> <p>1:53.36 Lida A Gaschke 72</p> <p>1:56.66 S Robbins-Bonitz 71</p> <p>1:59.43 Vel Perry 71</p> <p>2:05.34 Margaret T Homans 72</p> <p>2:09.25 Joan Campbell 74</p> <p>2:10.47 Ann Stevens 71</p> <p>2:11.47 Cynthia H Barton 74</p> <p>• 200 M. BACKSTROKE</p> <p>3:28.69 DORIS STEADMAN 95</p> <p>3:29.72 Lavelle Stoinoff 71</p> <p>3:52.41 Elizabeth A Kirby 71</p> <p>3:55.22 Ann Kay 70</p> <p>4:04.71 Lida A Gaschke 72</p> <p>4:07.26 Ronnie Kamphausen 70</p> <p>4:11.94 Ann Hirsch 73</p> <p>4:18.52 Lilly Kron 73</p> <p>4:24.11 S Robbins-Bonitz 71</p> <p>4:35.49 Vel Perry 71</p> <p>4:36.31 Joan Campbell 74</p> <p>• 50 M. BREASTSTROKE</p> <p>48.48 ANN HIRSCH 01</p> <p>49.39 Ann Hirsch 73</p> <p>53.57 Lilly Kron 73</p> <p>54.01 Sumie Anderson 71</p> <p>59.23 Joan B Waldbaum 73</p> <p>1:00.84 S Robbins-Bonitz 71</p> <p>1:01.62 Hannelore Snyder 74</p> <p>1:04.69 Betty Senter 70</p>
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2003-2004 Long-Course Meters - Top-Ten Individuals

1:07.03 Rosie Vijil	70	37.48 JEAN TROY	02	1:01.84 Edie Gruender	76	1:54.14 Gail Roper	75
1:07.99 Martha L Jordan	70	37.90 Gail Roper	75	1:03.04 Jacqueline Houck	77	2:05.72 Sylvia Eisele	75
1:08.28 Alyce M Vogel	72	39.75 Nan H Bohl	75	1:05.61 Peggy Sanborn	77	2:15.83 Jean Troy	77
• 100 M. BREASTSTROKE		40.56 Jean D Troy	77	1:06.32 Margaret Voorhees	76	2:18.63 June Krauser	78
1:44.91 ANN HIRSCH	01	43.26 Betty Russ	77	1:08.18 Joan McIntyre	76	2:23.92 Edie Gruender	76
1:45.96 Diane Stowell	70	45.12 Nancy Kinney	75	• 100 M. BACKSTROKE		2:28.99 Betty Russ	77
1:49.52 Ann Hirsch	73	45.82 Georgia L Goggin	75	1:39.06 DORIS STEADMAN	99	2:31.44 Nancy Durstein	75
1:54.69 Lilly Kron	73	48.67 Asako Maningo	79	1:46.38 Betty Lorenzi	77	2:51.93 Gladys Olsen	78
2:05.05 Sumie Anderson	71	49.41 Edie Gruender	76	1:48.94 Nancy Kinney	75	2:58.81 Ruth Hoskinson	75
2:05.08 Joan Alexander	72	50.70 June Krauser	78	2:08.50 Edie Gruender	76	3:05.67 Margaret Wells	78
2:13.04 Joan B Waldbaum	73	53.21 Jacqueline Houck	77	2:16.88 June Krauser	78	• 200 M. BUTTERFLY	
2:17.76 Adrienne Pipes	70	• 100 M. FREESTYLE		2:17.58 Georgia L Goggin	75	4:10.69 JUNE KRAUSER	01
2:18.96 Hannelore Snyder	74	1:26.90 GAIL ROPER	04	2:17.61 Peggy Sanborn	77	4:17.87 Gail Roper	75
2:27.79 Rosie Vijil	70	1:26.90 Gail Roper	75	2:19.98 Jacqueline Houck	77	4:38.66 Sylvia Eisele	75
2:27.94 Joan Campbell	74	1:29.77 Jean D Troy	77	2:24.48 Edna Gordon	78	4:59.82 Betty Russ	77
• 200 M. BREASTSTROKE		1:30.35 Nan H Bohl	75	2:24.71 Nancy Durstein	75	5:08.90 June Krauser	78
3:46.18 DIANE STOWELL	04	1:38.64 Betty Lorenzi	77	2:24.89 Bernice Phillips	77	5:33.84 Edie Gruender	76
3:46.18 Diane Stowell	70	1:43.34 Betty Russ	77	• 200 M. BACKSTROKE		6:00.24 Gladys Olsen	78
3:54.53 Ann Hirsch	73	1:44.91 Edie Gruender	76	3:39.41 DORIS STEADMAN	99	8:11.55 Marian E Wolle	76
4:07.59 Lilly Kron	73	1:52.81 Asako Maningo	79	3:51.75 Nancy Kinney	75	9:57.45 Gloria Stupfel	78
4:21.12 Joan E Alexander	72	1:54.02 Georgia L Goggin	75	4:01.77 Betty Lorenzi	77	• 200 M. INDIVIDUAL MEDLEY	
4:51.79 Janet H Moeller	70	1:56.15 June Krauser	78	4:17.32 Sylvia Eisele	75	3:48.59 JUNE KRAUSER	01
5:00.55 Joan B Waldbaum	73	1:56.22 Edna Gordon	78	4:39.26 Edie Gruender	76	4:03.80 Nancy Kinney	75
5:03.51 Hannelore Snyder	74	• 200 M. FREESTYLE		4:50.13 Peggy Sanborn	77	4:11.70 Sylvia Eisele	75
5:04.51 Rosie Vijil	70	3:17.42 JEAN TROY	03	4:59.79 Edna Gordon	78	4:20.47 Carol Taylor	75
5:05.78 Adrienne Pipes	70	3:24.89 Jean D Troy	77	4:59.87 June Krauser	78	4:24.99 Jean Troy	77
5:07.13 Joan Campbell	74	3:28.42 Nan H Bohl	75	5:00.15 Joan McIntyre	76	4:31.77 Edie Gruender	76
• 50 M. BUTTERFLY		3:34.61 Betty Lorenzi	77	5:00.55 Nancy Durstein	75	4:35.20 June Krauser	78
41.26 GAIL ROPER	00	3:46.96 Betty Russ	77	5:05.71 Margaret Voorhees	76	4:38.36 Barbara Owens	75
48.22 Ann Kay	70	3:50.63 Edie Gruender	76	• 50 M. BREASTSTROKE		4:40.84 Nancy Durstein	75
49.70 Adrienne Pipes	70	3:56.95 Carol Taylor	75	51.76 SYLVIA EISELE	04	4:56.42 Ruth W Aaron	75
52.12 Ronnie Kamphausen	70	4:01.99 Nancy Durstein	75	51.76 Sylvia Eisele	75	5:14.18 Dixie Germolus	77
52.34 Ann Hirsch	73	4:02.14 June Krauser	78	52.93 Carol Taylor	75	• 400 M. INDIVIDUAL MEDLEY	
53.90 Barbara Callison	71	4:09.72 Edna Gordon	78	53.54 Nan H Bohl	75	7:51.71 JUNE KRAUSER	01
57.41 Janet H Moeller	70	4:14.81 Ruth W Aaron	75	1:00.30 Nancy Kinney	75	9:02.29 Sylvia Eisele	75
1:04.67 Joan B Waldbaum	73	• 400 M. FREESTYLE		1:00.82 Jean Troy	77	9:28.31 Jean Troy	77
1:08.27 Mary F Williams	73	6:55.62 JEAN TROY	02	1:02.35 Georgia L Goggin	75	9:29.38 Betty Russ	77
1:08.72 Mary Jane Mullins	73	7:14.86 Jean D Troy	77	1:05.40 Ellen Brown	79	9:38.03 June Krauser	78
1:16.47 Cynthia Rosik	71	7:21.46 Nan H Bohl	75	1:07.79 Phyllis Crockett	78	11:03.77 Nancy N Durstein	75
• 100 M. BUTTERFLY		7:48.13 Betty Russ	77	1:09.41 Beth Blickfeldt	77	11:57.10 Gladys Olsen	78
1:40.85 JUNE KRAUSER	96	8:09.56 Edie Gruender	76	1:09.43 Norma Harlow	79	14:03.03 Marian E Wolle	76
1:55.41 Ann Hirsch	73	8:10.91 June Krauser	78	• 100 M. BREASTSTROKE		15:20.43 Gloria Stupfel	78
2:05.10 Joan E Alexander	72	8:27.71 Nancy Durstein	75	1:57.62 SYLVIA EISELE	04		
2:07.87 Adrienne Pipes	70	8:31.12 Carol Taylor	75	1:57.62 Sylvia Eisele	75	WOMEN 80-84	
2:21.17 Janet H Moeller	70	8:34.94 Edna Gordon	78	2:02.25 Carol Taylor	75	• 50 M. FREESTYLE	
2:53.68 Mary F Williams	73	9:38.71 Renee Protopapas	75	2:19.73 Barbara Owens	75	42.29 MARGERY MEYER	02
2:55.39 Joan Campbell	74	9:45.53 Peggy Sanborn	77	2:19.94 Phyllis Crockett	78	46.27 Petey M H Smith	80
• 200 M. BUTTERFLY		• 800 M. FREESTYLE		2:21.18 Jean Troy	77	46.65 Margery Meyer	82
3:39.91 JUNE KRAUSER	96	14:10.50 JUNE KRAUSER	01	2:22.97 Georgia L Goggin	75	47.91 Ruth Baar	82
4:26.37 Ann Hirsch	73	14:49.08 Jean Troy	77	2:24.53 June Krauser	78	50.57 Billie An Burrill	83
4:38.88 Joan E Alexander	72	15:05.75 Betty Lorenzi	77	2:26.40 Nancy Durstein	75	51.02 Lois Kivi Nochman	80
5:33.14 Janet H Moeller	70	15:24.92 Betty Russ	77	2:29.41 Beth Blickfeldt	77	52.09 Bunny Cederlund	83
6:05.68 Jean Duncan	72	16:26.99 Edie Gruender	76	2:36.14 Dixie Germolus	77	54.14 Maurine Kornfeld	83
• 200 M. INDIVIDUAL MEDLEY		16:42.12 June Krauser	78	• 200 M. BREASTSTROKE		54.61 Grace Altus	80
3:32.94 GAIL ROPER	99	17:20.56 Barbara Owens	75	4:16.59 JUNE KRAUSER	01	54.72 June Reynolds	82
3:52.31 Ann Hirsch	73	17:47.33 Nancy N Durstein	75	4:24.58 Sylvia Eisele	75	55.57 Diana Silva	82
3:54.40 Ronnie Kamphausen	70	18:02.95 Eleanor Wessner	78	4:38.84 Carol Taylor	75	• 100 M. FREESTYLE	
4:14.45 Joan E Alexander	72	19:41.64 Phyllis Crockett	78	4:54.73 Ruth W Aaron	75	1:37.78 MARGERY MEYER	02
4:14.60 Adrienne Pipes	70	19:52.54 Renee Protopapas	75	4:58.49 Barbara Owens	75	1:43.12 Margery Meyer	82
4:19.72 Barbara Callison	71	• 1500 M. FREESTYLE		5:01.36 Phyllis Crockett	78	1:48.54 Petey M H Smith	80
4:22.39 Lilly Kron	73	27:09.75 JEAN TROY	03	5:05.25 June Krauser	78	1:50.73 Ruth Baar	82
4:41.94 Ann Stevens	71	28:37.14 Jean Troy	77	5:28.56 Beth Blickfeldt	77	1:54.32 Billie An Burrill	83
4:46.90 Joan Campbell	74	31:37.85 Betty Russ	77	5:31.37 Nancy Durstein	75	1:58.78 Lois Nochman	80
5:03.55 Mary Jane Mullins	73	32:20.09 Edie Gruender	76	5:38.80 Dixie Germolus	77	2:01.16 Grace Altus	80
5:13.06 Jean Duncan	72	33:43.22 Betty Mc Millan	75	6:00.32 Gladys Olsen	78	2:05.63 Diana M Silva	82
• 400 M. INDIVIDUAL MEDLEY		34:31.06 Nancy Durstein	75	• 50 M. BUTTERFLY		2:10.87 Maurine Kornfeld	83
7:30.91 JUNE KRAUSER	96	35:26.27 Ruth W Aaron	75	44.95 GAIL ROPER	04	2:11.28 June Reynolds	82
8:13.20 Ann Hirsch	73	36:21.83 Phyllis Crockett	78	44.95 Gail Roper	75	2:12.02 Muriel Flynn	81
8:49.54 Lilly Kron	73	37:26.46 Peggy Sanborn	77	53.32 Sylvia Eisele	75	• 200 M. FREESTYLE	
9:49.76 Adrienne Pipes	70	40:51.97 Marian E Wolle	76	56.44 Jean Troy	77	3:37.14 MARGERY MEYER	03
9:52.13 Janet H Moeller	70	43:01.56 Gloria Stupfel	78	58.89 Edie Gruender	76	3:47.03 Margery Meyer	82
10:36.98 Joan Campbell	74	• 50 M. BACKSTROKE		1:00.73 June Krauser	78	4:03.05 Petey M H Smith	80
12:14.45 Mary F Williams	73	44.43 DORIS STEADMAN	99	1:07.28 Ruth Hoskinson	75	4:06.28 Ruth Baar	82
13:55.20 Carol Ganzel	73	47.55 Betty Lorenzi	77	1:10.45 Nancy N Durstein	75	4:10.73 Lois Nochman	80
		49.69 Nancy Kinney	75	1:20.53 Margaret Wells	78	4:16.44 Billie An Burrill	83
		53.25 Asako Maningo	79	1:26.37 Gladys Olsen	78	4:23.75 Maurine Kornfeld	83
		1:00.82 Bernice Phillips	77	• 100 M. BUTTERFLY		4:41.14 Diana Silva	82
		1:01.81 June Krauser	78	1:54.14 GAIL ROPER	04		

WOMEN 75-79

• 50 M. FREESTYLE

2003-2004 Long-Course Meters - Top-Ten Individuals

4:42.38 Grace Altus 80	4:51.40 BETTY CHRISTIAN 02	28:00.53 Mary Lathram 89
4:44.67 June Reynolds 82	5:12.54 Muriel Flynn 81	• 1500 M. FREESTYLE
4:55.62 Dorothy Winniford 80	5:31.72 Lois Nochman 80	44:46.30 MAXINE MERLINO 02
• 400 M. FREESTYLE	5:40.05 Jae Howell 82	NO SWIMMERS
7:38.37 MARGERY MEYER 02	8:22.33 Marjorie R Newman 81	• 50 M. BACKSTROKE
8:08.06 Margery Meyer 82	• 50 M. BUTTERFLY	1:03.49 AILEEN SOULE 96
8:41.96 Lois Nochman 80	58.09 LOIS NOCHMAN 04	2:05.33 Dorothy Riordan 92
8:52.18 Petey Smith 80	57.43 Lois Nochman 80NV	2:37.50 Elizabeth Dziadus 94
9:06.35 Maurine Kornfeld 83	1:07.09 June Reynolds 82	• 100 M. BACKSTROKE
9:42.49 Billie An Burrill 83	1:09.96 Diana Silva 82	2:23.23 AILEEN SOULE 96
10:12.49 Grace Altus 80	1:17.52 Jae Howell 82	5:26.37 Hilda Buel 90
10:20.37 Dorothy Winniford 80	1:18.55 Grace Altus 80	• 200 M. BACKSTROKE
10:29.65 June Reynolds 82	1:36.55 Maurine Kornfeld 83	5:29.07 AILEEN SOULE 97
11:25.70 Pauline Stangel 83	1:44.37 Marjorie R Newman 81	9:08.20 Dorothy Riordan 92
• 800 M. FREESTYLE	2:27.48 Elfie Stevenin 83	11:51.46 Hilda Buel 90
15:21.62 MARGERY MEYER 03	• 100 M. BUTTERFLY	• 100 M. BREASTSTROKE
17:35.79 Lois Kivi Nochman 80	2:06.55 LOIS NOCHMAN 04	3:49.99 EVA MULLER 03
18:33.89 Bunny Cederlund 83	2:06.55 Lois Nochman 80	6:12.82 Hilda Buel 90
18:59.29 Maurine Kornfeld 83	2:44.14 Jae Howell 82	• 50 M. BUTTERFLY
19:50.44 Billie An Burrill 83	2:46.45 June Reynolds 82	4:57.25 ANNA BAUSCHER 94
22:37.42 June Reynolds 82	2:49.85 Diana Silva 82	NO SWIMMERS
28:11.46 Marion Chadwick 83	5:01.99 Mary Jane Schafer 81	• 200 M. INDIVIDUAL MEDLEY
35:20.05 Elfie Stevenin 83	6:09.50 Elfie Stevenin 83	6:35.70 MAXINE MERLINO 03
• 1500 M. FREESTYLE	• 200 M. BUTTERFLY	12:03.55 Hilda Buel 90
29:35.03 MARGERY MEYER 02	4:34.86 LOIS NOCHMAN 04	
33:05.83 Lois Kivi Nochman 80	4:34.86 Lois Nochman 80	<u>MEN 19-24</u>
34:49.74 Petey M H Smith 80	5:36.35 Jae Howell 82	• 50 M. FREESTYLE
• 50 M. BACKSTROKE	6:29.39 June Reynolds 82	23.19 JERROD KAPPLER 01
46.39 BUNNY CEDERLUND 02	7:18.53 Mary Jane Schafer 81	24.91 Mathew L Rucker 23
54.64 A Cederlund 83	13:36.98 Elfie Stevenin 83	25.20 Sean Devanney 22
55.47 Margery Meyer 82	• 200 M. INDIVIDUAL MEDLEY	25.25 Paul Buren 24
1:01.70 Lois Nochman 80	4:33.58 LOIS NOCHMAN 04	25.41 Robert D Bellamy 23
1:02.54 Diana Silva 82	4:33.58 Lois Kivi Nochman 80	25.47 Aeris Solow 22
1:03.81 Ruth Baar 82	5:12.45 Jae Howell 82	25.74 Brett Bannan 22
1:10.14 June Reynolds 82	5:20.56 June Reynolds 82	25.76 Evan Maczka 21
1:11.02 Maurine Kornfeld 83	6:23.78 Maurine Kornfeld 83	26.36 Kevin Ballweg 19
1:14.81 Dorothy Winniford 80	7:42.03 Mary Jane Schafer 81	26.46 Harris Masterson 22
1:16.08 Grace Altus 80	9:40.98 Elfie Stevenin 83	26.68 Jonathan Grupp 23
1:48.28 Florence B Melick 83	• 400 M. INDIVIDUAL MEDLEY	• 100 M. FREESTYLE
• 100 M. BACKSTROKE	9:45.00 LOIS NOCHMAN 04	51.81 JOE TRISTAN 99
1:48.64 BUNNY CEDERLUND 02	9:45.00 Lois Nochman 80	55.60 Robert D Bellamy 23
2:10.78 Bunny Cederlund 83	11:04.28 Jae Howell 82	56.28 Aeris Solow 22
2:12.43 Margery Meyer 82	11:44.62 June Reynolds 82	56.43 Jonathan C Gellin 24
2:13.74 Lois Nochman 80	17:01.09 Mary Jane Schafer 81	57.10 John Batty 21
2:16.29 Diana M Silva 82	20:00.15 Elfie Stevenin 83	57.18 Evan C Maczka 21
2:25.79 Maurine Kornfeld 83		58.02 Zebnon Lemke 24
2:40.24 Grace Altus 80	<u>WOMEN 85-89</u>	58.56 Keith Ryan 20
2:41.72 Marjorie R Newman 81	• 50 M. FREESTYLE	58.56 Brian Porter 20
2:43.48 Dorothy Winniford 80	49.08 RITA SIMONTON 03	58.72 Jonathan Meer 24
3:00.37 Mary Jane Schafer 81	52.61 Rita Simonton 86	58.72 Chris Raimondi 21
3:41.77 Elfie Stevenin 83	1:08.46 Anne I Walker 88	• 200 M. FREESTYLE
• 200 M. BACKSTROKE	1:11.05 Edith Glusac 86	1:52.74 JOE TRISTAN 98
3:59.73 BUNNY CEDERLUND 02	1:16.04 Kay Schimpf 87	2:04.37 Matthew Roper 23
4:38.51 Bunny Cederlund 83	1:16.98 Mary Lathram 89	2:05.11 Jonathan C Gellin 24
4:54.52 Lois Nochman 80	• 100 M. FREESTYLE	2:07.36 Brian Porter 20
5:05.65 Diana Silva 82	1:48.75 RITA SIMONTON 03	2:09.46 John Batty 21
5:18.85 Maurine Kornfeld 83	1:54.37 Rita Simonton 86	2:09.84 Aeris Solow 22
5:38.35 Marjorie R Newman 81	2:32.34 Anne I Walker 88	2:10.01 Keith Ryan 20
5:43.12 Dorothy Winniford 80	2:48.55 Kay Schimpf 87	2:14.65 Andrew Crowell 20
5:45.63 June Reynolds 82	3:02.14 Edith Glusac 86	2:16.55 Jonathan Meer 24
5:47.56 Grace Altus 80	3:02.98 Beth Hanks 88	2:17.95 Jeffrey Strahota 24
7:09.84 Marion Chadwick 83	3:13.59 Mary Lathram 89	2:19.25 Eric C Thornton 19
7:54.38 Elfie Stevenin 83	• 200 M. FREESTYLE	• 400 M. FREESTYLE
• 50 M. BREASTSTROKE	3:59.68 RITA SIMONTON 03	4:08.73 BRAD WINSOR 95
56.34 BETTY CHRISTIAN 01	4:11.10 Rita Simonton 86	4:28.40 Matthew Roper 23
1:05.61 Muriel Flynn 81	5:57.64 Kay Schimpf 87	4:31.39 Keith Ryan 20
1:07.13 Lois Nochman 80	6:40.08 Beth Hanks 88	4:34.30 Jared Rondoni 20
1:08.18 Jae Howell 82	7:21.57 Mary Jane Reeves 87	4:37.06 Zebnon Lemke 24
1:14.25 June Reynolds 82	• 400 M. FREESTYLE	4:49.02 Jamie Specht 24
1:31.39 Sarah B Nelson 80	8:17.82 RITA SIMONTON 03	4:49.87 Andrew Crowell 20
• 100 M. BREASTSTROKE	8:29.83 Rita Simonton 86	4:54.89 Jeffrey Strahota 24
2:14.23 BETTY CHRISTIAN 02	11:48.75 Kay Schimpf 87	4:57.87 Paul Buren 24
2:25.38 Muriel Flynn 81	13:49.07 Mary Lathram 89	4:59.19 James D Mize 24
2:28.40 Lois Kivi Nochman 80	• 800 M. FREESTYLE	4:59.63 Eric C Thornton 19
2:32.31 Jae Howell 82	17:14.24 RITA SIMONTON 03	• 800 M. FREESTYLE
2:41.91 June Reynolds 82	17:48.18 Rita Simonton 86	8:47.65 BRAD WINSOR 95
5:11.73 Marion Chadwick 83	25:15.14 Kay Schimpf 87	9:20.47 Matthew Roper 23
• 200 M. BREASTSTROKE		9:31.57 Keith Ryan 20

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9:57.19 Terry Mosher 19	1:24.49 Nick Chow 21	50.74 NICK SHACKELL 00	1:07.34 Ryan H Wynn 26
10:07.94 James D Mize 24	1:25.51 Douglas Smith 23	53.05 Jerrod Kappler 27	1:08.69 Andy Brown 26
10:35.29 Jonathan Meer 24	200 M. BREASTSTROKE	54.22 Herman Louw 29	1:09.04 Keith Fuhrhop 27
10:37.01 Matthew L Rucker 23	2:25.57 KEVIN RAAB 99	55.88 Jim M Phalan 29	1:10.38 Rick Cardoso 25
11:00.19 Jared Bordes 21	2:45.37 Suzuki Kyota 24	55.98 Kyle Rausch 29	1:11.43 Fred Schnell 28
11:08.16 Jeffrey Pardee 19	2:52.86 Eric C Thornton 19	56.08 Andy Brown 26	200 M. BACKSTROKE
11:29.69 Suzuki Kyota 24	3:21.43 Jimmy Wills 22	56.47 Jason Tarn 26	2:07.57 JOHN KEPPELER 92
14:26.55 James South 24	3:27.76 Howie Realubit 24	57.35 Alex Helfers 25	2:11.60 Todd M DeSorbo 27
1500 M. FREESTYLE	4:00.86 Michael Munson 24	57.71 Jonathan Fiene 29	2:19.71 Jason Eaddy 28
17:12.51 JAMES ALLEN 91	50 M. BUTTERFLY	58.17 Joshua A Muldner 27	2:23.98 Chris Sheppard 26
17:44.50 Matthew Roper 23	25.44 NEI-KUAN CHIA 00	58.53 Rick Cardoso 25	2:24.29 Scott F Ayer 28
18:22.00 Jared Rondoni 20	26.72 Paul Buren 24	200 M. FREESTYLE	2:24.72 Jeff Maynor 26
19:09.89 Zebbron Lemke 24	26.75 Mathew L Rucker 23	1:51.00 JOHN KEPPELER 96	2:29.02 Jerrod Kappler 27
19:10.17 James D Mize 24	27.15 Brett Bannan 22	2:02.69 Matt G Allen 28	2:36.05 David Maddux 29
19:56.75 Terry Mosher 19	27.59 Jonathan C Gellin 24	2:02.69 Todd M DeSorbo 27	2:39.89 Andrew E Bate 27
20:08.57 Jeffrey Strahota 24	27.67 Evan C Maczka 21	2:03.10 Kyle Rausch 29	2:41.31 Timothy Grimes 25
20:15.11 Mathew L Rucker 23	28.01 James D Mize 24	2:04.37 Jerrod Kappler 27	2:42.45 Andy Brown 26
20:33.62 Jared Bordes 22	28.77 Sean Patterson 23	2:04.65 Andy Nonaka 25	50 M. BREASTSTROKE
21:40.96 Suzuki Kyota 24	28.77 Jared Rondoni 20	2:07.14 Brian M Furlong 27	28.98 SETH VAN NEERDEN 97
21:48.66 Jonathan Meer 24	28.81 Chris Raimondi 21	2:07.84 Darcy A Paul 28	30.62 Herman Louw 29
50 M. BACKSTROKE	28.98 Kevin Ballweg 19	2:08.99 Andy Brown 26	31.87 Michael Scarcelli 27
27.43 DAVID LAWSON 95	100 M. BUTTERFLY	2:09.24 Jason Eaddy 28	32.42 Jeff Maynor 26
29.15 Eric A Mojock 24	57.10 BRAD BUDNEY 95	2:11.64 Joshua A Muldner 27	32.56 Travis L Mabry 26
29.72 Aram Yoo 19	1:00.07 Jonathan C Gellin 24	400 M. FREESTYLE	32.66 Andrew Priest 26
29.75 Chris Raimondi 21	1:01.63 Aeric Solow 22	4:00.98 HONZA VITAZKA 02	32.77 Andy Nonaka 25
30.93 Daniel E Thomas 21	1:02.46 Chris Raimondi 21	4:20.09 Jason Eaddy 28	33.18 John M Fennessy 26
31.79 Chris Tingley 22	1:02.59 James D Mize 24	4:20.47 Matt G Allen 28	33.54 Jon Armstrong 29
32.41 Mathew L Rucker 23	1:03.90 Jared Rondoni 20	4:25.50 Andy Nonaka 25	34.82 Keith De Souza 29
32.48 Andrew W Bellows 24	1:04.53 Keith Ryan 20	4:31.41 Darcy A Paul 28	35.16 Scott Finney 28
32.93 Sean Patterson 23	1:04.94 Zebbron Lemke 24	4:33.13 Jerrod Kappler 27	100 M. BREASTSTROKE
33.73 Kevin Doe 21	1:05.20 Jose Manuel Nieto 24	4:34.27 Brian M Furlong 27	1:04.60 DAVID LUNDBERG 89
34.03 Jeffrey Strahota 24	1:05.44 Evan Maczka 21	4:38.33 Curtis Brennan 26	1:08.39 Jeff Maynor 26
100 M. BACKSTROKE	1:06.02 Daniel E Thomas 21	4:40.71 Chris Sullivan 28	1:13.11 Andy Nonaka 25
1:00.37 DAVID LAWSON 95	200 M. BUTTERFLY	4:47.35 Erik J Van Etten 26	1:13.43 Travis L Mabry 26
1:03.06 Eric A Mojock 24	2:09.39 RY BEVILLE 95	4:48.07 Scott P Finney 29	1:14.20 Jon Armstrong 29
1:04.65 Robert D Bellamy 23	2:18.02 Jonathan C Gellin 24	800 M. FREESTYLE	1:14.50 Scott P Finney 29
1:05.99 Matthew Roper 23	2:23.18 Brian Porter 20	8:24.67 ALEX KOSTICH 97	1:15.73 Dustin Riley 25
1:06.73 Aram Yoo 19	2:24.03 Zebbron Lemke 24	9:49.05 Scott P Finney 29	1:18.72 Erik J Van Etten 26
1:06.82 Daniel E Thomas 21	2:27.51 Jared Rondoni 20	10:28.91 Richard Elder 29	1:21.58 Keith De Souza 29
1:07.36 James D Mize 24	2:28.70 Jose Manuel Nieto 24	10:30.90 Sean Bertain 29	1:21.84 Filippo M Porco 27
1:08.84 Chris Tingley 22	2:32.15 James D Mize 24	10:34.63 Chris Connor 29	1:22.18 Rob Harrison 28
1:09.13 Mathew L Rucker 23	200 M. INDIVIDUAL MEDLEY	10:45.31 David Maddux 29	200 M. BREASTSTROKE
1:09.54 Brian Porter 20	2:14.08 GREG MACKEM 92	10:58.99 Hank Campbell 25	2:26.32 ABRAHAM SOLANO 96
1:09.67 Chris Raimondi 21	2:24.93 Zebbron Lemke 24	11:05.98 Pieter De Hart 26	2:40.62 Andy Nonaka 25
200 M. BACKSTROKE	2:26.26 James D Mize 24	11:16.42 Filippo Porco 27	2:41.04 Scott P Finney 29
2:13.60 JOE TRISTAN 97	2:28.80 Aram Yoo 19	11:25.84 Kevin Jordan 29	2:46.61 Jon Armstrong 29
2:18.61 Matthew Roper 23	2:29.22 Jared Rondoni 20	11:31.84 Michael Trimborn 27	2:50.16 Travis L Mabry 26
2:22.35 Aram Yoo 19	2:30.46 Daniel E Thomas 21	1500 M. FREESTYLE	2:54.52 Erik J Van Etten 26
2:23.35 Aeric Solow 22	2:31.89 Mathew L Rucker 23	16:13.89 ALEX KOSTICH 97	3:01.62 Keith DeSouza 29
2:25.33 Eric A Mojock 24	2:35.20 Andrew Crowell 20	18:33.25 Brian M Furlong 27	3:04.75 Chris Connor 29
2:34.48 Chris Tingley 22	2:36.04 Andrew W Bellows 24	18:33.38 Curtis Brennan 26	3:06.15 Filippo M Porco 27
2:37.47 Jamie Specht 24	2:42.42 Chris Tingley 22	18:39.50 Darcy A Paul 28	3:17.47 Jim Liguori 29
2:39.15 Andrew W Bellows 24	2:43.01 Jeffrey Strahota 24	18:46.30 Erik J Van Etten 26	3:18.03 Jeremy V Rausch 27
2:40.99 James D Mize 24	400 M. INDIVIDUAL MEDLEY	19:05.22 Alex Helfers 25	50 M. BUTTERFLY
2:43.11 Jeffrey Strahota 24	4:48.56 GREG MACKEM 92	19:37.61 Sean M Carter 29	25.16 DEFORREST/BOTTOM 84
2:48.07 Michael Beaver 20	5:07.71 Matthew Roper 23	20:01.00 Richard Elder 29	26.01 Jerrod Kappler 27
50 M. BREASTSTROKE	5:20.11 Zebbron Lemke 24	20:07.32 David Maddux 29	26.29 Memo Diaz 28
30.10 JOSH AMATO 87	5:28.51 James D Mize 24	20:08.19 Jon Armstrong 29	26.32 Herman Louw 29
31.48 Mathew L Rucker 23	5:29.12 Andrew Crowell 20	20:19.33 Chris Connor 29	26.52 Jeff Maynor 26
32.07 Patrick Pottinger 20	5:35.96 Terry Mosher 19	50 M. BACKSTROKE	26.53 Jason Eaddy 28
33.42 Suzuki Kyota 24	6:16.36 Sherwin Y Cheuk 24	27.42 ROBERT HAUCK 93	26.61 Michael Scarcelli 27
34.25 James D Mize 24	6:24.68 Kevin Cleary 21	28.89 Scott F Ayer 28	26.96 Jim M Phalan 29
34.36 James J Witt 23	MEN 25-29	30.47 Kyle Rausch 29	27.29 Kyle Rausch 29
34.40 Jared Bordes 22	50 M. FREESTYLE	30.78 Memo Diaz 28	27.61 John Fennessy 25
34.90 Kevin Doe 21	22.59 KEVIN DEFORREST 83	31.54 Matthew Pentland 28	28.08 Nils Lofgren 25
35.57 Eric C Thornton 19	23.60 Jerrod Kappler 27	32.42 Fred Schnell 28	100 M. BUTTERFLY
35.59 Terence Calhoun 19	24.21 Herman Louw 29	32.53 Keith Fuhrhop 27	55.35 HONZA VITAZKA 02
36.40 P Falcone-Cardena 21	24.43 Michael Scarcelli 27	33.46 Nils Lofgren 25	55.69 Jason Eaddy 28
100 M. BREASTSTROKE	25.52 Kyle Rausch 29	33.89 Nicholas O'Hare 27	56.99 Jeff Maynor 26
1:06.61 JAMES SROWIEC 88	25.53 Jason Tarn 26	33.97 Andrew E Bate 27	1:00.43 Jerrod Kappler 27
1:14.66 Suzuki Kyota 24	25.58 Jim M Phalan 29	34.16 Arjun Mc Avoy 26	1:01.91 John M Fennessy 26
1:14.99 Kevin Doe 21	25.72 Alex Helfers 25	100 M. BACKSTROKE	1:03.74 Chris Sullivan 28
1:15.21 Aeric Solow 22	25.73 Keith Adams 28	58.24 JOHN KEPPELER 92	1:03.92 Shawn Jeffery 25
1:17.86 Eric C Thornton 19	25.81 Matt G Allen 28	1:02.21 Scott F Ayer 28	1:05.36 Rick Cardoso 25
1:19.44 Jared Bordes 22	25.83 Jonathan Fiene 26	1:04.25 Jason Eaddy 28	1:06.39 Timothy Grimes 25
1:21.29 Gary Garon 23	100 M. FREESTYLE	1:04.55 Jeff Maynor 26	1:06.92 Dustin Riley 25
1:22.78 James D Mize 24	1:07.29 Matthew Pentland 28	1:05.51 Chris Sheppard 26	1:07.40 Arjun Mc Avoy 26
1:22.84 Clayton Joyner 20			200 M. BUTTERFLY

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2:05.76 JASON EADDY 02	4:30.24 Andrew J Farrell 34	33.70 Jeremy Gross 33	5:08.70 Matthew A Kinney 34
2:05.98 Jason Eaddy 28	4:30.52 Marcin Wedlarski 33	34.29 Donald P Spellman 30	5:10.65 Alan P O'Connor 31
2:11.35 Todd M DeSorbo 27	4:32.41 Erik C Crankshaw 32	• 100 M. BREASTSTROKE	5:28.80 William Hale 34
2:21.34 Chris Sullivan 28	4:34.65 Cub Campbell 30	1:05.64 SETH VAN NEERDEN 98	5:31.41 Cub Campbell 30
2:37.50 Timothy Grimes 25	4:35.18 Thayer H Thompson 30	1:06.96 Jeff Comings 30	5:32.40 Erik Scollon 33
2:46.04 Monish Dhalwani 28	4:36.39 Robert Mackenzie 30	1:08.41 Jonathan Banville 34	5:32.50 Patrick M Krueger 34
2:49.84 Sean Bertain 29	4:39.02 Alan P O'Connor 31	1:12.04 Walter Baechtiger 31	5:43.05 Michael Kolarov 32
2:49.88 Andrew E Bate 27	4:41.00 Charles Perkins 33	1:12.29 Mathew A Kinney 34	5:43.09 Brian Kremers 31
2:52.40 Thomas Patterson 27	• 800 M. FREESTYLE	1:12.65 Chris Roy 34	
2:56.18 Erik Van Etten 26	8:40.19 ROWDY GAINES 93	1:13.78 Brian Fehlau 30	<u>MEN 35-39</u>
3:26.67 Jason Walter 27	9:01.74 Blake C Porch 33	1:14.80 Darrell Park 33	
• 200 M. INDIVIDUAL MEDLEY	9:12.10 Erik C Crankshaw 32	1:15.06 Dale Huggins 32	• 50 M. FREESTYLE
2:06.33 HONZA VITAZKA 02	9:13.71 Ken Dunlap 33	1:15.76 Jeremy McGrew 31	24.02 JAMES LILLEY 98
2:15.76 Scott F Ayer 28	9:39.62 Matthew A Kinney 34	1:15.76 Donald P Spellman 30	24.26 Todd H Pace 36
2:19.48 Brian M Furlong 27	9:53.88 Marcin Wedlarski 33	• 200 M. BREASTSTROKE	24.50 Michael Ross 36
2:20.54 Andy Nonaka 25	9:56.71 Alan P O'Connor 31	2:24.06 DAVID LUNDBERG 91	25.29 Ross D Davis 38
2:29.45 Dustin Riley 25	9:59.83 Paul Cousineau 33	2:31.78 Jonathan Banville 34	25.48 Scot Weiss 39
2:29.90 Pieter De Hart 26	10:02.36 David Willoughby 32	2:37.47 Chris Roy 34	25.52 Rob Nasser 35
2:30.42 Jon Armstrong 29	10:19.59 John Zayac 30	2:38.81 Mathew A Kinney 34	25.65 Neill Williams 36
2:30.83 Keith Fuhrhop 27	10:41.63 Kennedy Price 32	2:39.82 Walter Baechtiger 31	25.65 Amon Emeka 36
2:38.09 David Maddux 29	• 1500 M. FREESTYLE	2:43.42 John Renko 30	25.70 Michael Sorensen 36
2:38.68 Scott Finney 28	16:36.06 BOBBY PATTEN 93	2:49.43 Darrell Park 33	25.71 Steve Hiltabiddle 38
2:39.86 Rob Harrison 28	17:40.23 Marcin Wedlarski 33	2:49.80 Geoff E Campbell 34	25.77 Mac Dawson 37
• 400 M. INDIVIDUAL MEDLEY	18:00.60 Ugur Taner 30	2:51.40 Donald P Spellman 30	• 100 M. FREESTYLE
4:32.19 HONZA VITAZKA 02	19:02.78 Brian Miller 32	2:53.75 Dan Aber 31	51.49 ROWDY GAINES 95
4:53.41 Matt G Allen 28	19:04.47 Steve Pala 34	2:57.72 Chris Zacharda 33	52.23 Michael Ross 36
5:01.56 Brian M Furlong 27	19:04.67 David Willoughby 32	• 50 M. BUTTERFLY	55.82 Ross D Davis 38
5:02.17 Scott F Ayer 28	19:25.99 Cub Campbell 30	25.16 BRIAN ALDERMAN 00	56.23 Steve Hiltabiddle 38
5:02.77 Andy Nonaka 25	19:51.69 John Zayac 30	25.72 Brian L Jacobson 31	56.25 Andy Edmondson 37
5:21.45 Pieter De Hart 26	19:56.79 Eric Heynen 32	25.74 Jeremy Gross 33	57.13 Amon Emeka 36
5:29.23 Erik J Van Etten 26	20:26.48 Michael Kolarov 32	26.06 Razvan D Petcu 31	57.87 Rob Nasser 35
5:29.80 Jon Armstrong 29	20:44.01 Devin P Cashman 30	26.11 Dikan Rendic 33	58.05 Scot Weiss 39
5:40.48 Bas Overbosch 27	• 50 M. BACKSTROKE	26.86 Charles Perkins 33	58.08 Michael Sorensen 36
5:55.53 Thomas Patterson 27	27.26 SEAN MURPHY 94	27.20 David Hughes 30	58.47 Troy Drawz 36
6:06.61 Chris Connor 29	28.20 Jeff Comings 30	27.23 Ed Wagner 33	58.59 Bruce Smith 35
	29.35 Matthew McKay 33	27.27 Cub Campbell 30	• 200 M. FREESTYLE
<u>MEN 30-34</u>	29.51 Charles Perkins 33	27.44 Jeff Comings 30	1:54.86 RICHARD SAEGER 01
• 50 M. FREESTYLE	29.62 Aaron Dennis 31	27.68 Mike Mc Whorter 31	1:56.92 Michael Ross 36
22.80 ROBERT PEEL 96	30.05 Erik Crankshaw 32	• 100 M. BUTTERFLY	2:00.74 Matt C Keller 35
23.74 Brian L Jacobson 31	30.19 Denis Kattcher 31	56.25 RAZVAN PETCU 04	2:01.89 Ross Davis 38
23.79 Jeremy Gross 33	30.32 Tim Dougher 32	56.25 Razvan D Petcu 31	2:02.88 Lorenzo Benucci 37
24.02 Robert Mackenzie 30	30.87 Peter Moore 32	58.31 Ugur Taner 30	2:05.75 Christopher Black 38
24.31 Raz Petcu 31	30.95 Brian L Jacobson 31	58.82 Jeremy Gross 33	2:06.62 Kurt F Dickson 37
24.80 Charles Perkins 33	31.53 Erik Scollon 33	1:01.50 Mike Mc Whorter 31	2:08.86 Rob Nasser 35
25.30 Gary Larson 33	• 100 M. BACKSTROKE	1:02.41 Jeff Comings 30	2:08.90 Michael Sorensen 36
25.44 Peter Moore 32	58.66 SEAN MURPHY 94	1:02.57 Eric C Cornell 34	2:09.25 Greg L Edmondson 38
25.53 Mike Mc Whorter 31	59.21 Jeff Comings 30	1:02.76 Charles Perkins 33	2:12.13 Chris D McGiffin 38
25.54 Jason C Lind 31	1:02.57 Matthew McKay 33	1:03.23 Matthew McKay 33	• 400 M. FREESTYLE
25.59 Ed Wagner 33	1:03.63 Charles Perkins 33	1:03.39 Brent K Newcomb 34	4:07.64 ROWDY GAINES 95
• 100 M. FREESTYLE	1:05.43 Peter Moore 32	1:04.23 Thayer H Thompson 30	4:16.69 Matt C Keller 35
51.50 ROWDY GAINES 91	1:07.49 Walter Baechtiger 31	• 200 M. BUTTERFLY	4:18.15 Mark A Magee 36
53.35 Jeremy Gross 33	1:07.69 Brian Fehlau 30	2:03.85 BOBBY PATTEN 95	4:20.90 Christopher Black 38
53.69 Robert Mackenzie 30	1:07.70 William Hale 34	2:21.67 Thayer H Thompson 30	4:28.87 Lorenzo Benucci 37
55.23 Gary Larson 33	1:07.82 Aaron Dennis 31	2:22.13 Mike Mc Whorter 31	4:30.21 Kurt F Dickson 37
56.23 Jason C Lind 31	1:07.85 Patrick M Krueger 34	2:32.81 Aaron Dennis 31	4:35.28 Andy Edmondson 37
56.42 Brian L Jacobson 31	1:07.92 Steven Dodd 30	2:33.42 Marcin Wedlarski 33	4:35.45 Peter Hastings 37
56.85 Eric C Cornell 34	• 200 M. BACKSTROKE	2:34.42 Paul Cousineau 33	4:35.64 Robbie Allen 39
56.92 Andrew J Farrell 34	2:05.62 SEAN MURPHY 94	2:34.93 Matt Harrington 33	4:35.88 Rob Nasser 35
57.26 Steve W Robling 34	2:17.65 Matthew McKay 33	2:35.26 Brent K Newcomb 34	4:37.44 Chris D McGiffin 38
57.43 Mike Mc Whorter 31	2:22.62 Andrew J Farrell 34	2:35.85 Mark Goldman 33	• 800 M. FREESTYLE
58.08 Peter Moore 32	2:23.63 Tim Dougher 32	2:36.13 Patrick M Krueger 34	8:38.73 ROWDY GAINES 95
• 200 M. FREESTYLE	2:25.19 Alan P O'Connor 31	2:46.26 John Zayac 30	8:59.25 Christopher Black 38
1:54.04 ROWDY GAINES 90	2:28.20 Matthew McKenna 32	• 200 M. INDIVIDUAL MEDLEY	8:59.73 Matt C Keller 35
2:03.74 Andrew J Farrell 34	2:32.72 William Hale 34	2:09.69 DAVID LUNDBURG 91	9:22.25 Kurt F Dickson 37
2:04.10 Erik C Crankshaw 32	2:33.48 Steven Dodd 30	2:16.42 Jeff Comings 30	9:47.74 Brian Kohlmeier 35
2:05.75 Cub Campbell 30	2:33.52 Patrick M Krueger 34	2:20.72 Erik C Crankshaw 32	9:54.67 Dale Mercker 37
2:06.32 Robert Mackenzie 30	2:38.99 Brian Kremers 31	2:23.19 Alan P O'Connor 31	10:01.17 Emad H Elshafei 38
2:07.21 Eric C Cornell 34	2:41.59 Joshua Blake 30	2:25.11 Charles Perkins 33	10:07.31 Eric Bohm 38
2:07.39 Jeff Comings 30	• 50 M. BREASTSTROKE	2:25.69 Ken Dunlap 33	10:11.50 David W LeClair 37
2:07.68 Mike Mc Whorter 31	29.42 DAVID GUTHRIE 92	2:25.96 Mathew A Kinney 34	10:14.18 Bruce Robson 38
2:07.91 Marcin Wedlarski 33	29.77 Jeff Comings 30	2:26.69 Mike Mc Whorter 31	10:17.07 Paul Robinson 37
2:08.17 Blake Porch 33	30.70 Jonathan Banville 34	2:27.18 Walter Baechtiger 31	• 1500 M. FREESTYLE
2:08.63 Alan P O'Connor 31	32.03 Brian L Jacobson 31	2:27.61 Ed Wagner 33	16:37.34 ROWDY GAINES 94
• 400 M. FREESTYLE	32.31 Dale Huggins 33	2:27.87 Marcin Wedlarski 33	17:35.94 Matt Keller 35
4:05.61 ERIK HOCHSTEIN 02	32.92 Darrell Park 32	• 400 M. INDIVIDUAL MEDLEY	18:27.58 Chris D McGiffin 38
4:23.65 Ugur Taner 30	33.00 Walter Baechtiger 31	4:40.22 SEAN MURPHY 94	18:39.86 Brian Kohlmeier 35
4:25.55 Blake Porch 33	33.03 Chris Roy 34	4:59.68 Erik C Crankshaw 32	19:17.75 Michael Collins 38
	33.19 Denis Kattcher 31	5:05.80 Marcin Wedlarski 33	19:42.60 Kenton R Jones 37

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19:54.06 Paul Robinson	37	25.00 WADE KING	02	55.38 Geoffrey Glaser	40	1:09.82 Brad Hermanson	40
20:03.39 Bruckner Chase	38	25.46 Wade King	37	55.79 Reed Dunne	41	1:10.08 Jerry Leutner	40
20:12.57 Robert Milligan	38	25.49 Michael Ross	36	55.93 Henry D Stewart	41	200 M. BACKSTROKE	
20:36.67 Eric Heil	37	26.66 Amon Emeka	36	56.17 Anders Rasmussen	41	2:15.49 WILLIAM SPECHT	99
20:41.25 Mark Morrison	38	26.69 Derek Robinson	35	56.47 David Boatwright	43	2:17.32 Jens-Peter Berndt	41
50 M. BACKSTROKE		26.88 Steve Hiltabiddle	38	56.67 Gerry P Leutner	40	2:24.64 Brad R Wells	43
27.50 MICHAEL ROSS	04	26.98 Ross D Davis	38	57.26 Jon Foss	40	2:25.51 Hector Chao	40
27.50 Michael Ross	36	27.01 Todd H Pace	36	57.29 Dave Holmes	40	2:25.82 Eric Johnson	44
27.73 Derek Robinson	35	27.05 Mark Rutledge	39	200 M. FREESTYLE		2:26.10 Frank A Wasko	44
29.77 Matt Keller	35	27.15 Neill Williams	36	1:58.61 PAUL SMITH	01	2:26.82 Glenn Battle	43
29.79 Ross Davis	38	27.45 Andy Edmondson	37	1:58.94 Stuart I Cromarty	40	2:29.57 Gerry P Leutner	40
29.96 Amon Emeka	36	100 M. BUTTERFLY		2:03.09 Dennis Baker	42	2:30.93 Matthew Dixon	42
30.61 Tom L Northcutt	39	56.07 MICHAEL ROSS	04	2:05.14 Steven M Newman	42	2:35.85 Daniel H Allen	42
30.83 Kurt Murdoch	38	56.07 Michael Ross	36	2:05.96 Reed Dunne	41	2:37.52 Chris Tainty	44
31.56 Matthew Heil	35	57.66 Michael Sorensen	36	2:05.99 Michael Schmidt	42	50 M. BREASTSTROKE	
32.49 Andy Edmondson	37	59.56 Derek Robinson	35	2:06.56 Steve Wood	44	30.82 PEDER DAHLBERG	92
32.51 Robert S Gannon	39	59.66 Steve Hiltabiddle	38	2:06.86 Henry D Stewart	41	31.16 David M Guthrie	44
100 M. BACKSTROKE		59.66 Ross Davis	38	2:07.53 Jerry Leutner	40	31.84 Chris J Weissman	42
59.91 ERIC ERICSON	00	1:00.44 Mark A Magee	36	2:07.90 Jerry Dawson	44	32.08 Dean Putterman	42
1:00.21 Michael Ross	36	1:01.67 Erik Hochstein	36	2:09.02 Scott Yeomans	40	33.10 Reed Dunne	41
1:00.51 Derek Robinson	35	1:02.21 Amon Emeka	36	400 M. FREESTYLE		33.23 Richard E Landry	40
1:03.75 Ross Davis	38	1:02.70 Mark Rutledge	39	4:15.57 BRETT PHILLIPS	01	33.30 James Fregosi	44
1:04.74 Kurt F Dickson	37	1:03.18 Andy Edmondson	37	4:11.55 Dennis Baker	42NV	33.61 Tomas Oliva	42
1:05.79 Erik Hochstein	36	200 M. BUTTERFLY		4:17.23 Stuart I Cromarty	40	33.66 Paul Vanhoven	40
1:06.28 Tom L Northcutt	39	2:06.74 JEFF STUART	96	4:18.66 Geoffrey Glaser	40	33.86 Thomas Wagner	42
1:07.00 Amon Emeka	36	2:13.71 Mark A Magee	36	4:30.10 Steven M Newman	42	34.55 Anthony Thompson	40
1:07.36 Matthew Heil	35	2:18.43 Michael Sorensen	36	4:32.09 Ricardo Valdivia	40	100 M. BREASTSTROKE	
1:08.03 Kurt Murdoch	38	2:19.27 Ross Davis	38	4:32.58 Michael Schmidt	42	1:08.01 DAVID GUTHRIE	00
1:10.06 Brian B Kohlmeier	35	2:25.33 Erik Hochstein	36	4:33.62 Rob Mackle	40	1:09.54 David M Guthrie	44
200 M. BACKSTROKE		2:29.63 Bruce Hopson	38	4:35.27 Jerry Dawson	44	1:10.57 Chris J Weissman	42
2:07.16 RON KARNAUGH	01	2:30.34 Brendon Wen	35	4:37.12 Scott Yeomans	40	1:14.72 James Fregosi	44
2:15.68 Kurt F Dickson	37	2:33.63 Robbie Allen	39	4:39.60 Matthew A Bailey	43	1:15.16 Terrance Tongate	44
2:18.56 Ross Davis	38	2:44.74 Steven Litchfield	35	800 M. FREESTYLE		1:15.79 Richard E Landry	40
2:20.94 Christopher Black	38	2:49.84 Michael Collins	38	8:48.69 JOSEPH RHYNE	99	1:15.80 Dean Putterman	42
2:30.64 Brian B Kohlmeier	35	2:52.87 William C Sax	35	8:51.45 Stuart I Cromarty	40	1:15.90 Anthony Thompson	40
2:33.54 Jeffrey H Roddin	35	200 M. INDIVIDUAL MEDLEY		9:18.41 Ricardo Valdivia	40	1:16.05 Tomas Oliva	42
2:33.56 Kurt Murdoch	38	2:05.64 RON KARNAUGH	02	9:24.50 Matthew A Bailey	43	1:17.21 Jon W Blank	44
2:34.48 Matthew Heil	35	2:15.37 Lorenzo Benucci	37	9:24.66 Michael Schmidt	42	1:17.89 Jon Jacques	43
2:35.00 Neill Williams	36	2:16.85 Mark A Magee	36	9:42.41 Matthew Dixon	42	200 M. BREASTSTROKE	
2:36.87 Thomas Dykstra	36	2:21.62 Mark Rutledge	39	9:48.60 Geoffrey Glaser	40	2:28.54 DAVID GUTHRIE	00
2:38.72 Paul Robinson	37	2:24.14 Amon Emeka	36	9:49.76 Robert Holmes	42	2:31.62 David M Guthrie	44
50 M. BREASTSTROKE		2:24.57 Tom L Northcutt	39	9:55.46 Mike D Reid	43	2:46.06 James Fregosi	44
29.09 WALLY DICKS	98	2:25.67 Peter Hastings	37	10:08.00 Steve Wood	44	2:46.65 Anthony Thompson	40
31.52 Mark Rutledge	39	2:26.61 Chris D McGiffin	38	10:16.41 Bill Mc Cracken	43	2:50.07 Dean Putterman	42
32.25 Abraham Solano	35	2:27.28 Rob Nasser	35	1500 M. FREESTYLE		2:50.98 Thomas Wagner	42
32.31 Neill Williams	36	2:27.73 Mark Urban	35	16:58.52 HESS YNTEMA	95	2:52.48 James Biles	43
32.82 Sean P Coughlin	38	2:29.56 Winston Ritchey	36	18:30.51 Geoffrey Glaser	40	2:52.82 Edmund J Gendreau	42
32.88 Bradley N Boodt	36	400 M. INDIVIDUAL MEDLEY		18:36.01 Rob Mackle	40	2:53.41 Daniel H Allen	42
33.20 Peter Hastings	37	4:34.10 RON KARNAUGH	01	19:02.58 Jack Marks	43	2:54.50 Al Moreno	44
33.49 Douglas Woodring	39	4:53.82 Mark A Magee	36	19:29.95 Joe Crozier	41	2:57.39 Dan Smith	42
33.56 Tom L Northcutt	39	4:55.57 Christopher Black	38	19:30.26 Michael Schmidt	42	50 M. BUTTERFLY	
33.92 Amon Emeka	36	5:13.67 Dale Mercker	37	19:41.00 Jerry Leutner	40	25.87 PAUL SMITH	00
34.07 Dale Mercker	37	5:14.05 Chris D McGiffin	38	19:44.82 Steve Wood	44	27.37 Anders Rasmussen	41
100 M. BREASTSTROKE		5:32.23 Michael Collins	38	19:51.15 Michael Burns	44	27.51 Henry D Stewart	41
1:05.00 WALLY DICKS	00	5:34.12 Neill Williams	36	19:54.06 Michael Wendt	42	27.63 Dave Gibson	44
1:09.35 Mark Rutledge	39	5:34.99 Thomas Dykstra	36	19:57.93 Bill Mc Cracken	43	27.76 Dave Holmes	40
1:10.59 Abraham Solano	35	5:35.49 Kenton Jones	37	50 M. BACKSTROKE		27.77 Richard L Ehrlich	41
1:11.25 Neill Williams	36	5:38.21 Jim Dunn	37	27.88 CLAY BRITT	02	27.81 Jon Foss	40
1:12.87 Sean P Coughlin	38	5:38.92 Bruce Hopson	38	29.13 Steve Wood	44	27.81 Todd Jacobsen	40
1:13.29 Bradley N Boodt	36			29.59 Anders Rasmussen	41	27.86 Brian S Starford	41
1:13.53 Dale Mercker	37			29.89 Brad R Wells	43	28.08 Emeric J McDonald	42
1:13.73 Peter Hastings	37			30.35 Dave Gibson	44	28.23 Brad R Wells	43
1:14.46 Michael Winkelman	35			30.39 Frank A Wasko	44	28.23 Steve Wood	44
1:15.75 Charles Cockrell	36			30.71 Charles Groen	44	100 M. BUTTERFLY	
1:15.80 Sean Frampton	38			31.28 Paul Dassow	42	57.57 PAUL CARTER	01
200 M. BREASTSTROKE				31.37 Eric Johnson	44	57.97 Dennis Baker	43
2:21.87 RON KARNAUGH	01			31.47 Mike D Reid	43	1:01.87 Anders Rasmussen	41
2:35.29 Abraham Solano	35			31.62 Hector Chao	40	1:02.03 Michael Schmidt	42
2:37.33 Lorenzo Benucci	37			100 M. BACKSTROKE		1:02.10 Brad R Wells	43
2:41.84 Dale Mercker	37			1:00.91 CLAY BRITT	02	1:02.26 Dave Gibson	44
2:43.71 Peter Hastings	37			1:03.75 Steve Wood	44	1:03.26 Keith W Hughes	42
2:44.13 Bradley N Boodt	36			1:04.63 Brad R Wells	43	1:03.60 Jerry Dawson	44
2:44.76 Michael Winkelman	35			1:06.98 Dave Gibson	44	1:04.03 Steve Wood	44
2:48.28 Jon Grey	39			1:07.24 Glenn Battle	43	1:04.64 Kenneth Tittle	41
2:49.69 Sean P Coughlin	38			1:07.24 Hector Chao	40	1:04.71 Steven M Newman	42
2:50.57 Charles Cockrell	36			1:07.85 Frank A Wasko	44	200 M. BUTTERFLY	
2:52.40 Emad H Elshafei	38			1:07.90 Charles Groen	44	2:05.55 DENNIS BAKER	04
50 M. BUTTERFLY				1:09.03 Mike D Reid	43	2:05.55 Dennis Baker	43

2003-2004 Long-Course Meters - Top-Ten Individuals

2:26.00 Igor V Vazhenin 40	4:33.74 Thomas J Mc Cabe 47	• 100 M. BREASTSTROKE	5:23.90 Matthew Kanzler 47
2:31.47 James Biles 43	4:36.59 Rob Copeland 48	1:10.27 GREGORY OXLEY 03	5:28.94 Gregory J Dozer 47
2:32.15 Daniel Sullivan 44	4:37.35 Lincoln Djang 45	1:12.73 Todd Dimsdale 47	5:32.09 Vincent Morales 47
2:33.50 Rob Mackle 40	4:37.59 Andy Saltzman 46	1:13.30 Patrick Allender 46	5:36.78 Bob A Seagraves 48
2:39.11 Frank Wuest 41	4:37.96 William Specht 46	1:13.57 Gregory Oxley 46	5:36.88 Todd Dimsdale 47
2:39.21 Michael Wendt 42	4:41.67 Paul Carter 47	1:13.58 Keith Hoffman 45	5:39.24 Tim D Erickson 48
2:39.80 Anthony Thompson 40	• 800 M. FREESTYLE	1:13.85 Stuart Corliss 48	
2:39.81 Kenneth Tittle 41	8:58.84 JIM MCCONICA 99	1:14.10 Benn W Doyle 46	MEN 50-54
2:43.20 Michael Johann 42	9:08.34 Mark A Drennen 48	1:15.62 G Von Hoffmann 48	• 50 M. FREESTYLE
• 200 M. INDIVIDUAL MEDLEY	9:25.63 Jim Callahan 47	1:16.43 Mark Drennen 48	24.60 RICHARD ABRAHAMS 98
2:15.10 JENS-PETER BERNDT 04	9:35.25 Brett Phillips 45	1:16.46 Peter F Zsoldos 46	24.89 Jack Groselle 50
2:15.10 Jens-Peter Berndt 41	9:39.70 Lincoln Djang 45	1:16.51 Keith Shepherd 45	25.09 Trip Hedrick 50
2:18.08 Anders Rasmussen 41	9:40.75 Matthew Kanzler 47	• 200 M. BREASTSTROKE	25.92 Larry Krauser 51
2:20.47 Stuart I Cromarty 40	9:48.41 Steven Czekala 45	2:37.81 RON SCHAFFER 02	25.98 Richard W Hess 50
2:20.89 Reed Dunne 41	9:49.73 Andy Saltzman 46	2:40.12 Patrick Allender 46	26.45 Greg Shaw 53
2:22.13 Chris J Weissman 42	9:55.44 Neil Wasserman 49	2:45.82 Benn W Doyle 46	26.48 Eric Van Boer 50
2:22.38 Dennis Baker 42	9:57.36 Keith Berryhill 45	2:46.67 Stuart Corliss 48	26.89 Donald Graham 50
2:24.96 Jerry Dawson 44	10:03.62 Philip Arcuni 46	2:48.45 Todd Dimsdale 47	26.89 Bradford Gandee 50
2:26.53 Hector Chao 40	• 1500 M. FREESTYLE	2:48.62 G Von Hoffmann 48	26.99 David S Hefner 50
2:28.47 Scott Yeomans 40	17:31.23 TODD BRYAN 98	2:49.89 Mark A Drennen 48	26.99 William Drulias 53
2:28.62 David M Guthrie 44	17:38.94 Mark Drennen 48	2:50.09 Jim Matysek 45	• 100 M. FREESTYLE
• 400 M. INDIVIDUAL MEDLEY	17:49.09 Brett Phillips 45	2:50.40 Matthew Kanzler 47	54.93 JACK GROSELLE 04
4:53.03 HESS NYTEMA 95	18:00.48 Keith C Berryhill 45	2:51.06 Gregory J Dozer 47	54.93 Jack Groselle 50
4:49.75 Dennis Baker 42NV	18:20.61 Rob Copeland 48	2:52.08 Lincoln Djang 45	55.41 Trip Hedrick 50
4:53.24 Jens-Peter Berndt 41	18:35.70 Matthew Kanzler 47	• 50 M. BUTTERFLY	57.83 Richard W Hess 50
5:17.16 Hector Chao 40	18:47.44 Andy Saltzman 46	26.12 PAUL CARTER 02	58.06 Larry Krauser 51
5:19.10 Matthew Dixon 42	18:47.80 Neil Wasserman 49	26.79 Paul Carter 47	58.57 Bradford Gandee 50
5:23.83 Glenn Battle 43	18:51.69 Tim D Erickson 48	27.46 William L Specht 46	58.72 Lee Mench 52
5:32.08 Jerry Leutner 40	19:01.84 Jim Stites 47	27.64 Gary Schatz 49	59.60 Greg Shaw 53
5:33.13 Thomas Wagner 42	19:20.65 Andreas Seibt 46	27.83 Thomas J Mc Cabe 47	59.78 David Hague 50
5:35.82 Steve Wood 44	• 50 M. BACKSTROKE	27.91 Robert Goldbloom 45	59.92 Eric Van Boer 50
5:38.77 Paul Glezen 43	29.18 PETER ROCCA 02	28.19 Jonathan E Klein 47	1:00.22 Phil Dodson 51
5:40.74 Anthony Thompson 40	29.25 Fritz Lehman 46	28.19 Tim G Lehman 47	• 200 M. FREESTYLE
MEN 45-49	30.14 Scott Shake 46	28.21 Philip Arcuni 46	2:02.50 JIM MCCONICA 00
• 50 M. FREESTYLE	30.42 William L Specht 46	28.34 G Von Hoffmann 48	2:03.66 Jack R Groselle 50
24.75 GARY SCHATZ 00	31.02 Jonathan E Klein 47	28.44 Chris A Dixon 47	2:06.93 Larry Krauser 51
25.15 Gary Schatz 49	31.24 Bob Bugg 47	• 100 M. BUTTERFLY	2:09.13 Larry W Wood 50
25.67 Paul Blackbeard 46	31.44 Philip Arcuni 46	56.42 PAUL CARTER 02	2:09.67 Bradford Gandee 50
26.28 Paul Carter 47	31.83 Tord E Benner 45	57.61 Paul Carter 47	2:10.75 Phil L Dodson 51
26.35 Keith C Berryhill 45	32.05 Brett Phillips 45	59.60 William L Specht 46	2:11.75 John Hughes 51
26.41 Thomas J Mc Cabe 47	32.20 Vincent Morales 47	1:01.58 Paul Blackbeard 46	2:11.79 David R Oates 54
26.61 Bob Bugg 47	32.38 Peter Metzger 49	1:02.39 Thomas J Mc Cabe 47	2:12.03 Robert M Hansen 50
26.63 Jonathan Klein 47	• 100 M. BACKSTROKE	1:03.93 Robert Goldbloom 45	2:12.25 Lee Mench 52
26.69 John A Fields 48	1:02.62 FRITZ LEHMAN 03	1:04.09 Tim G Lehman 47	2:12.28 Craig W Stevens 51
26.84 Chris Dixon 47	1:04.45 Fritz E Lehman 46	1:04.19 Lincoln Djang 45	• 400 M. FREESTYLE
26.88 Robert Heath 47	1:05.45 Scott Shake 46	1:04.71 Stuart Corliss 48	4:19.47 JIM MCCONICA 00
• 100 M. FREESTYLE	1:06.74 William L Specht 46	1:06.09 Mark Drennen 48	4:35.95 Larry Krauser 51
53.90 JACK GROSELLE 99	1:07.57 Bob H Bugg 47	• 200 M. BUTTERFLY	4:39.51 Scott Lautman 52
56.31 Bob H Bugg 47	1:08.05 Jonathan E Klein 47	2:10.97 PAUL CARTER 02	4:42.01 Lee Mench 52
56.54 Paul Blackbeard 46	1:08.57 Philip Arcuni 46	2:12.89 William L Specht 46	4:42.75 John Hughes 51
57.40 Paul Carter 47	1:08.92 David Burleson 47	2:25.38 Matthew Kanzler 47	4:43.26 Larry Wood 50
58.15 Robert Goldbloom 45	1:10.58 Vincent Morales 47	2:30.00 Kerry O'Brien 47	4:44.38 Phil L Dodson 51
58.35 John A Fields 48	1:11.51 Mark E Alexander 46	2:30.19 Lincoln Djang 45	4:45.05 R Scott Townsend 51
58.45 Keith C Berryhill 45	1:12.65 Tord E Benner 45	2:30.59 Jim Stites 47	4:46.51 Fred Ferroggiaro 51
58.48 Gary Schatz 49	• 200 M. BACKSTROKE	2:30.67 Paul Creason 46	4:47.78 Jim Clemmons 54
58.81 Jonathan E Klein 47	2:19.07 FRITZ LEHMAN 03	2:31.78 Mark Drennen 48	4:48.30 Richard Phillips 50
59.19 Spencer Eldred 48	2:21.87 Scott Shake 46	2:32.80 Rob Copeland 48	• 800 M. FREESTYLE
59.38 Andy Saltzman 46	2:24.27 Bob H Bugg 47	2:33.97 Philip Arcuni 46	9:03.84 JIM MCCONICA 01
• 200 M. FREESTYLE	2:25.06 Lincoln Djang 45	2:35.56 Dan Robinson 47	9:37.69 Larry W Wood 50
2:00.89 DAN STEPHENSON 02	2:25.61 Fritz E Lehman 46	• 200 M. INDIVIDUAL MEDLEY	9:37.74 Larry Krauser 51
2:01.99 Bob H Bugg 47	2:29.96 Jonathan E Klein 47	2:19.69 PAUL CARTER 02	9:45.16 R Scott Townsend 51
2:07.90 Mark Drennen 48	2:30.69 David Burleson 47	2:24.11 Paul Carter 47	9:47.47 John Hughes 51
2:07.94 Jim Callahan 47	2:31.08 Gary Schatz 49	2:24.67 Lincoln Djang 45	10:03.01 James Sweeney 51
2:08.04 Paul Blackbeard 46	2:32.80 Philip Arcuni 46	2:26.46 Scott Shake 46	10:04.55 Phil L Dodson 51
2:08.23 Thomas J Mc Cabe 47	2:34.09 William Specht 46	2:26.65 Mark A Drennen 48	10:07.11 Jim Clemmons 54
2:08.25 Keith C Berryhill 45	2:37.02 Bob A Seagraves 48	2:26.66 Patrick Allender 46	10:08.47 F Ferroggiaro 51
2:09.51 Scott Shake 46	• 50 M. BREASTSTROKE	2:27.25 Jim Callahan 47	10:09.16 Russell R Frazier 50
2:10.92 Paul Carter 47	31.54 C MILTENBERGER 98	2:28.61 Tim G Lehman 47	10:12.80 David C Bright 51
2:10.92 Andy Saltzman 46	32.23 Gregory Oxley 46	2:30.39 Stuart Corliss 48	• 1500 M. FREESTYLE
2:11.43 Rob Copeland 48	32.67 Todd Dimsdale 47	2:31.26 Keith Hoffman 45	17:08.33 JIM MCCONICA 00
• 400 M. FREESTYLE	33.02 Benn W Doyle 46	2:31.37 Bob A Seagraves 48	18:31.35 Larry Krauser 51
4:21.13 DAN STEPHENSON 02	33.09 Keith Hoffman 45	• 400 M. INDIVIDUAL MEDLEY	18:57.14 Scott Lautman 52
4:27.17 Mark A Drennen 48	33.13 G Von Hoffmann 48	5:04.67 LINCOLN DJANG 04	18:59.51 Rick B Walker 54
4:28.43 Brett Phillips 45	33.24 Stuart Corliss 48	5:04.67 Lincoln Djang 45	19:07.19 Jim Clemmons 54
4:29.02 Jim Callahan 47	33.32 Patrick Allender 46	5:10.57 Mark A Drennen 48	19:16.68 Richard Phillips 50
4:32.85 Keith C Berryhill 45	33.97 Peter F Zsoldos 46	5:11.37 Scott Shake 46	19:22.75 Bill Penn 53
	34.16 Andy R Dyer 46	5:15.66 Jim Callahan 47	19:24.56 Jack R Martin 53
	34.20 Spencer Eldred 48		

2003-2004 Long-Course Meters - Top-Ten Individuals

19:43.04 David Owen	52	27.64 David Hague	50	1:02.56 Steven Heck	55	• 200 M. BACKSTROKE	
19:49.87 James Sweeney	51	27.80 Richard W Hess	50	1:02.86 Jon Shastid	56	2:30.82 TOD SPIEKER	03
20:24.37 Robert Di Tolla	50	28.05 Donald Graham	50	1:03.01 Glenn A Gruber	55	2:34.55 Tod Spieker	56
• 50 M. BACKSTROKE		28.11 Robert M Hansen	50	1:03.54 Ernie Glass	55	2:38.55 Hugh Wilder	57
29.81 TOM WOLF	04	28.48 Scott Lautman	52	1:03.74 Frank Warner	55	2:44.33 Frank Warner	55
29.81 Tom Wolf	50	28.77 John McCall	52	1:03.93 Roger Cundall	58	2:49.73 Marvin B Schwartz	56
30.94 Casey Claflin	51	29.01 Don Mehl	53	• 200 M. FREESTYLE		2:50.75 Steve V Heck	55
31.26 Donald Graham	50	29.13 David S Hefner	50	2:11.66 TOD SPIEKER	03	2:51.72 Michael Fox	55
31.30 Greg Shaw	53	29.28 Mark D Pugliese	52	2:13.22 Tod Spieker	56	2:53.53 Daniel Kornblatt	55
31.36 Phillipp Djang	50	• 100 M. BUTTERFLY		2:14.88 Homer W Lane	55	2:55.83 Bob E Couch	57
31.55 Trip Hedrick	50	59.49 TRIP HEDRICK	04	2:15.52 James R De Lacy	58	2:56.71 Bob Bruce	56
31.94 David S Hefner	50	59.49 Trip Hedrick	50	2:21.11 Stephen Johnson	56	2:58.67 Tom Sparks	55
32.17 Mark D Pugliese	52	1:01.99 Greg Shaw	53	2:21.20 Frank Warner	55	• 50 M. BREASTSTROKE	
32.52 Eric Van Boer	50	1:02.04 Scott Lautman	52	2:21.23 Glenn A Gruber	55	33.37 ROBERT STRAND	02
32.62 Jeffrey Perout	51	1:03.37 John T McCall	53	2:22.29 Roger Cundall	58	34.74 Allen L Stark	55
• 100 M. BACKSTROKE		1:03.61 Richard W Hess	50	2:24.26 Steve V Heck	55	35.33 Clay A Kolar	55
1:04.83 TOM WOLF	04	1:04.54 Donald Graham	50	2:25.41 Frank McElroy	56	35.37 Rod Cargill	58
1:04.83 Tom Wolf	50	1:05.04 John Craig	50	2:25.55 Marc Anderson	55	35.43 John Derr	55
1:09.34 Phillipp Djang	50	1:06.53 Jeffrey Krongaard	50	• 400 M. FREESTYLE		35.44 Daniel J Rogacki	57
1:09.39 F Ferroggiaro	51	1:06.68 Don R Mehl	53	4:38.81 TOD SPIEKER	03	35.75 Hubie Kerns	55
1:09.90 Casey Claflin	51	1:08.29 Phil L Dodson	51	4:42.22 Tod Spieker	56	36.35 Dan Furlan	57
1:09.94 Paul White	50	• 200 M. BUTTERFLY		4:58.96 Stephen Johnson	56	36.70 Jak Keyser	57
1:10.41 Jeffrey Perout	51	2:21.40 SCOTT LAUTMAN	04	5:02.97 Glenn A Gruber	55	36.73 Yoel Kende	55
1:10.50 Mark D Pugliese	52	2:21.40 Scott Lautman	52	5:05.30 Gaard Arneson	56	37.13 G Menyharth	58
1:10.81 Thomas G Bliss	50	2:33.91 Thomas G Bliss	50	5:12.54 Frank Warner	55	• 100 M. BREASTSTROKE	
1:11.00 Donald Graham	50	2:35.35 Tom Wolf	50	5:12.92 Marvin B Schwartz	56	1:14.80 ROBERT STRAND	01
1:11.37 Eric Van Boer	50	2:39.42 Robert Di Tolla	50	5:13.54 Jay R Platt	57	1:17.97 Allen L Stark	55
• 200 M. BACKSTROKE		2:43.62 John McCall	53	5:14.82 Richard Smith	59	1:18.37 John Derr	55
2:20.51 TOM WOLF	04	2:46.88 Jim Clemmons	54	5:15.27 Tim Morse	56	1:20.17 Rod Cargill	58
2:20.51 Tom Wolf	50	2:51.94 Larry Krauser	51	5:15.45 Bob Couch	57	1:20.60 Clay A Kolar	55
2:27.31 F Ferroggiaro	51	2:54.99 Robert Liotta	53	• 800 M. FREESTYLE		1:20.79 Daniel J Rogacki	57
2:30.54 Thomas G Bliss	50	2:56.16 Edward R Strack	52	9:40.68 TOD SPIEKER	03	1:21.90 Yoel Kende	55
2:31.20 Phillipp Djang	50	2:58.33 David Levinson	54	9:47.12 Tod Spieker	56	1:22.46 Steve V Heck	55
2:34.44 Paul White	50	• 200 M. INDIVIDUAL MEDLEY		10:16.10 Gary Brenner	57	1:22.95 Dan Furlan	57
2:36.01 David C Bright	51	2:23.45 RICK COLELLA	01	10:19.68 Stephen Johnson	56	1:23.85 Galen Denio	57
2:36.26 David H Owen	52	2:23.88 Tom Wolf	50	10:28.04 Michael Fox	55	1:24.59 Steven Peterson	58
2:38.47 Jeffrey A Lukens	51	2:27.39 Greg J Shaw	53	10:34.40 Gaard Arneson	56	• 200 M. BREASTSTROKE	
2:39.85 Lang H Meem	50	2:28.92 Thomas G Bliss	50	10:44.59 Bob E Couch	57	2:46.31 ROBERT STRAND	01
2:40.35 Donald Graham	50	2:30.13 Donald Gilchrist	50	10:50.30 Glenn Gruber	55	2:53.86 Allen L Stark	55
• 50 M. BREASTSTROKE		2:30.73 Richard W Hess	50	10:51.31 Marvin B Schwartz	56	2:54.08 John Derr	55
32.16 ROBERT STRAND	98	2:34.95 Russell R Frazier	50	10:54.19 Tim Morse	56	2:59.23 Daniel J Rogacki	57
32.20 Jack Groselle	50	2:35.21 Donald Graham	50	11:02.49 Dave G Gemmill	57	3:02.57 Hubie Kerns	55
33.41 Douglas L Ryerson	51	2:35.67 Jim Clemmons	54	• 1500 M. FREESTYLE		3:02.58 Dave G Gemmill	57
34.34 David C Ellwanger	50	2:35.87 Jeffrey Krongaard	50	18:57.38 TOD SPIEKER	04	3:02.78 Galen Denio	57
34.63 David S Hefner	50	2:36.43 Paul White	50	18:57.38 R Tod Spieker	56	3:03.25 Clay A Kolar	55
34.89 John Templin	50	• 400 M. INDIVIDUAL MEDLEY		21:12.10 Richard Smith	59	3:04.93 Steven Peterson	58
35.06 Robert Schmitz	52	5:05.82 RICK COLELLA	01	21:20.38 Gary R Brenner	57	3:07.13 Steve V Heck	55
35.30 Ken Holmes	50	5:21.94 Thomas G Bliss	50	21:42.23 Marc Anderson	55	3:15.39 James P Redic	58
35.45 Robert V Brown	52	5:25.14 Greg J Shaw	53	22:01.09 Gregory C Pash	57	• 50 M. BUTTERFLY	
35.53 Eric Van Boer	50	5:27.62 Larry W Wood	50	22:27.32 Vladimir Ivan	57	27.43 RICHARD ABRAHAMS	02
35.64 Rick Walker	54	5:32.44 Donald Gilchrist	50	22:27.60 Steven Peterson	58	28.69 Tom Geiman	55
• 100 M. BREASTSTROKE		5:34.24 John T McCall	53	22:52.22 David Young	55	29.33 James R De Lacy	58
1:11.49 JACK GROSELLE	04	5:37.89 Jim Clemmons	54	23:09.04 David S Eisner	57	29.52 Hugh Wilder	57
1:11.49 Jack Groselle	50	5:38.07 John Templin	50	23:20.13 Michael Piazza	58	30.01 John Derr	55
1:16:92 Douglas L Ryerson	51	5:42.60 Russell R Frazier	50	• 50 M. BACKSTROKE		30.02 Steven Heck	55
1:18.02 John Templin	50	5:52.16 Howard Burns	53	30.78 HUGH WILDER	04	30.09 Jon Shastid	56
1:18.19 Rick B Walker	54	5:55.53 David A Levinson	54	30.78 Hugh Wilder	57	30.56 Fred Baird	56
1:18.46 Donald Gilchrist	50			31.94 Tom Geiman	55	30.74 Hubie Kerns	55
1:19.44 Robert V Brown	52	MEN 55-59		33.41 Homer W Lane	55	31.16 Ernie Glass	55
1:19.77 Lang H Meem	50	• 50 M. FREESTYLE		34.26 Hubie Kerns	55	31.45 Thomas Knopf	57
1:19.95 Robert Schmitz	52	25.53 RICHARD ABRAHAMS	02	34.27 Steven Heck	55	• 100 M. BUTTERFLY	
1:20.44 Richard Enright	52	26.15 Tom Geiman	55	35.15 Andre Weisbrod	55	1:03.90 RICHARD ABRAHAMS	00
1:20.70 Robert Liotta	53	27.32 Homer W Lane	55	35.20 Tom Sparks	55	1:06.89 Tom Geiman	55
• 200 M. BREASTSTROKE		27.40 James R De Lacy	58	35.39 John S Kiddie	55	1:09.00 Joel Burns	58
2:39.08 RICK COLELLA	01	27.64 Jon Shastid	56	35.72 Gary Kressbach	56	1:10.29 James R De Lacy	58
2:51.22 Douglas L Ryerson	51	27.74 Steven Heck	55	36.55 Ernie Glass	55	1:10.50 Fred Baird	56
2:52.61 Donald Gilchrist	50	27.88 Glenn Woodsum	57	• 100 M. BACKSTROKE		1:12.71 Jon Shastid	56
2:52.76 John Templin	50	28.05 Ernie Glass	55	1:07.81 HUGH WILDER	02	1:14.52 Steve V Heck	55
2:52.84 Lang H Meem	50	28.21 Rod Cargill	58	1:08.16 Hugh Wilder	57	1:14.97 John W Radimer	55
2:54.71 Rick B Walker	54	28.35 Marc Anderson	55	1:14.52 Hubie Kerns	55	1:15.39 Glenn Storey	55
2:55.99 Jim Clemmons	54	28.38 Gary Ryan	55	1:15.47 Frank Warner	55	1:15.43 Stephen Johnson	56
2:56.50 Robert Schmitz	52	• 100 M. FREESTYLE		1:15.85 Homer W Lane	55	1:17.53 Paulo Figueiredo	58
2:57.88 Robert V Brown	52	58.23 RICHARD ABRAHAMS	02	1:16.44 Steve V Heck	55	• 200 M. BUTTERFLY	
2:58.39 Richard Enright	52	58.43 Tom Geiman	55	1:16.49 Daniel J Rogacki	57	2:33.32 ROBERT POILETMAN	02
3:01.97 Robert Liotta	53	1:00.11 Homer W Lane	55	1:17.89 Andre Weisbrod	55	2:58.81 Gaard Arneson	56
• 50 M. BUTTERFLY		1:00.18 James R De Lacy	58	1:18.49 Michael Fox	55	3:05.79 Fred Baird	56
26.23 TRIP HEDRICK	04	1:02.46 Glenn Woodsum	57	1:19.85 Tom Sparks	55	3:08.52 Paulo Figueiredo	58
26.23 Trip Hedrick	50			1:20.98 David Ugarkovich	57	3:12.26 Henry Greenberg	56

2003-2004 Long-Course Meters - Top-Ten Individuals

3:12.47 Frank McElroy	56	5:38.82 Geir Ingolfsrud	61	1:21.06 David Gildea	61	7:03.48 Bill Dawson	62
3:13.43 Phillip Sheeha	56	5:40.20 Dick M Pitman	60	1:22.75 Kimball V Bernard	60	7:04.41 Daniel Drown	62
3:20.79 John Graham	59	5:42.74 David Quiggin	60	1:22.76 Peter Andersen	61	7:04.84 Christian Iselin	61
3:22.43 Gregory C Pash	57	▪ 800 M. FREESTYLE		1:23.67 Thomas D Boak	61		
3:23.16 Allen Stark	55	10:29.35 TOM LANDIS	02	1:24.21 James Pelissier	60	MEN 65-69	
3:25.16 Larry Hunt	57	11:19.86 Bill Dawson	62	1:26.05 Teun Van Der Veen	60		
▪ 200 M. INDIVIDUAL MEDLEY		11:31.72 Dan Willert	62	1:26.25 Scott Guthrie	60	▪ 50 M. FREESTYLE	
2:30.33 JOHN CALVERT	00	11:43.93 David Quiggin	60	1:26.61 Allen Murray	60	27.15 JEFF FARRELL	02
2:36.22 Steven Heck	55	11:44.74 Geir Ingolfsrud	61	1:27.89 Terry Palmer	60	29.36 Jerry Clark	67
2:39.84 Hugh Wilder	57	11:53.04 Don M Davis	60	▪ 200 M. BREASTSTROKE		29.75 David Painter	66
2:44.72 Michael Fox	55	12:11.12 Frank Williams	64	2:55.55 KENNETH FROST	04	29.78 Bob Bailie	69
2:44.94 Glenn A Gruber	55	12:15.39 Ken M Burr	60	2:55.55 Kenneth Frost	60	30.20 James Krueger	66
2:47.46 John Derr	55	12:17.46 Gerry G Delong	61	3:00.54 David Gildea	61	30.83 David McIntyre	67
2:49.47 Bob E Couch	57	12:39.35 Mel Dyck	63	3:09.78 Peter Andersen	61	31.66 Jerry A Katz	66
2:51.55 Richard Smith	59	12:42.35 Orrin Nordstrom	63	3:10.02 Allen Murray	60	31.75 William Blake	67
2:52.01 David Ugarkovich	57	▪ 1500 M. FREESTYLE		3:10.57 Thomas D Boak	61	32.00 Joseph M Lammert	65
2:53.40 Dave G Gemmill	57	19:51.97 SANDY GALLETLY	02	3:11.34 James Pelissier	60	32.20 George Thayer	68
2:54.16 Galen Denio	57	20:10.45 Sandy Galletly	62	3:13.56 Teun Van Der Veen	60	32.24 John LeBourgeois	66
▪ 400 M. INDIVIDUAL MEDLEY		22:07.24 Don Davis	60	3:13.74 Mike Freshley	63	▪ 100 M. FREESTYLE	
5:26.63 JOHN CALVERT	00	22:14.92 Bill Dawson	62	3:15.17 Tegze Haraszti	63	1:02.79 JEFF FARRELL	02
5:38.78 Tod Spieker	56	22:51.88 Mike Freshley	63	3:17.83 Terry Palmer	60	1:06.97 Jerry Clark	67
5:55.20 Michael Fox	55	23:22.83 Steven A Kovary	63	▪ 50 M. BUTTERFLY		1:07.64 Bob Bailie	69
6:00.66 Steve V Heck	55	23:24.34 Gerry G Delong	61	29.23 KEEFE LODWIG	03	1:09.94 David P Harrison	67
6:03.30 Bob E Couch	57	23:41.99 Frank Williams	64	29.87 Jim Dragon	60	1:10.34 James Krueger	66
6:03.86 Gaard Arneson	56	23:56.63 Orrin Nordstrom	63	29.99 C W Muter	62	1:14.02 John LeBourgeois	66
6:09.63 Richard Smith	59	24:02.46 Ken Burr	60	30.20 David R Quiggin	60	1:14.81 Mike A Stollmeyer	67
6:11.12 James De Lacy	58	24:19.54 Dan Neyenhuis	60	30.37 Robert Poiletman	61	1:15.76 Jerry A Katz	66
6:18.05 Hop Bailey	57	▪ 50 M. BACKSTROKE		30.42 Robert Olson	60	1:18.18 Sid Hall	69
6:26.41 Paulo Figueiredo	58	32.11 RICHARD BURNS	03	31.35 Scott Guthrie	60	1:19.48 C Saunders	66
6:29.76 Bill Pillmore	56	33.65 Richard Alexander	60	31.41 Richard Alexander	60	1:20.17 James Browne	66
		34.40 David R Quiggin	60	32.03 Mike Freshley	63	▪ 200 M. FREESTYLE	
MEN 60-64		35.53 Bill Rupert	61	32.06 Richard Bassi	63	2:22.18 GRAHAM JOHNSTON	96
		36.49 Jim Dragon	60	33.10 Bernard T White	61	2:31.63 David P Harrison	67
▪ 50 M. FREESTYLE		37.93 Robert Poiletman	61	▪ 100 M. BUTTERFLY		2:34.30 Jerry Clark	67
26.70 JEFF FARRELL	98	39.38 David J Diehl	63	1:06.63 ROBERT POILETMAN	03	2:38.75 Ernie Leskovitz	67
27.60 David R Quiggin	60	39.40 Dean Dye	63	1:07.09 Robert Poiletman	61	2:46.04 James Krueger	66
27.73 Jim Dragon	60	39.50 Kenneth J Wall	63	1:11.37 C W Muter	62	2:49.16 Mike A Stollmeyer	67
27.84 Robert Olson	60	40.04 Walt Reid	64	1:13.87 Richard Kitchell	64	2:54.25 John LeBourgeois	66
28.41 Peter Andersen	61	42.07 Jim Gibbs	63	1:14.07 Donald McIntosh	62	2:56.12 Ralph Brott	65
29.46 Norm Scott	60	▪ 100 M. BACKSTROKE		1:16.99 Terry Palmer	60	2:57.30 Jerry A Katz	66
29.55 Robert Pilger	61	1:11.96 RICHARD BURNS	03	1:20.11 Robert Olson	60	2:59.39 Jack Kirlin	66
29.58 Richard Alexander	60	1:17.36 Donald McIntosh	62	1:20.52 Kenneth Frost	60	3:00.08 William Blake	67
29.86 George Viguie	60	1:17.75 Richard Alexander	60	1:23.20 Dick Pitman	60	▪ 400 M. FREESTYLE	
30.00 Thomas D Boak	61	1:20.08 Bill Rupert	61	1:24.47 Daniel Drown	62	5:03.36 GRAHAM JOHNSTON	96
30.17 Doug Buchan	61	1:25.50 Tegze Haraszti	63	1:25.89 Christian Iselin	61	5:27.56 Ernie Leskovitz	67
▪ 100 M. FREESTYLE		1:27.71 Scott Woodburn	61	▪ 200 M. BUTTERFLY		5:27.65 David P Harrison	67
1:00.11 JEFF FARRELL	98	1:27.79 Raymond M Woller	63	2:33.72 ROBERT POILETMAN	03	5:33.34 Jerry Clark	67
1:00.27 David R Quiggin	60	1:29.29 Dean Dye	63	2:40.30 Robert Poiletman	61	6:04.11 Brent Lake	66
1:04.97 Robert Olson	60	1:29.68 Peter Betzer	62	2:55.98 Richard Kitchell	64	6:07.45 Ralph Brott	65
1:05.76 George Viguie	60	1:30.05 Walt Reid	64	3:03.02 William Muter	62	6:11.95 Mike Stollmeyer	67
1:06.34 Peter Andersen	61	1:35.09 James Van Loon	62	3:08.33 Dick M Pitman	60	6:14.58 Konrad Euler	69
1:06.55 Don Davis	60	▪ 200 M. BACKSTROKE		3:09.84 Terry Palmer	60	6:24.44 A Emory Haworth	68
1:06.79 Dan Willert	62	2:41.51 EDWARD CAZALET	03	3:14.32 Donald McIntosh	62	6:25.58 John LeBourgeois	66
1:07.90 Robert Poiletman	61	2:44.80 Donald McIntosh	62	3:18.57 Daniel Drown	62	6:26.66 Jack Kirlin	66
1:08.53 Mike R Freshley	63	3:00.71 Bill Rupert	61	3:19.88 Bill Dawson	62	▪ 800 M. FREESTYLE	
1:08.66 Thomas D Boak	61	3:03.69 James Pelissier	60	3:27.97 Christian Iselin	61	10:29.26 GRAHAM JOHNSTON	97
1:09.55 Richard Bassi	63	3:04.55 Robert Poiletman	61	3:34.35 Frank Williams	64	11:15.77 Ernie Leskovitz	67
▪ 200 M. FREESTYLE		3:04.96 Norm Scott	60	▪ 200 M. INDIVIDUAL MEDLEY		11:32.61 David Harrison	67
2:17.43 TOM LANDIS	02	3:06.42 Robert Boder	62	2:40.95 EDWARD CAZALET	03	11:38.55 Jerry Clark	67
2:21.30 David R Quiggin	60	3:11.35 Ray Woller	63	2:42.09 William Muter	62	12:13.45 Mel E Goldstein	66
2:23.15 Donald McIntosh	62	3:15.80 Peter Betzer	62	2:49.35 Kenneth Frost	60	12:35.71 Brent Lake	66
2:28.51 Don Davis	60	3:29.36 Kenneth J Wall	63	2:49.52 Sandy Galletly	62	12:55.47 Mike Stollmeyer	67
2:32.83 Norm Scott	60	3:31.34 Norman Smith	60	2:51.11 Mike Freshley	63	13:05.91 John LeBourgeois	66
2:32.97 George Viguie	60	▪ 50 M. BREASTSTROKE		2:54.01 James Pelissier	60	13:15.85 Konrad Euler	69
2:33.39 Dan Willert	62	34.42 PETER ANDERSEN	03	2:54.23 Kimball V Bernard	60	13:22.30 C Saunders	66
2:36.63 Bill Dawson	62	35.36 Peter Andersen	61	3:02.45 Gerry G Delong	61	13:25.98 Jack Kirlin	66
2:39.17 Geir Ingolfsrud	61	35.69 Kenneth Frost	60	3:06.07 Bill Dawson	62	▪ 1500 M. FREESTYLE	
2:41.13 Ken M Burr	60	35.94 Jim Dragon	60	3:08.41 Mike Laux	62	20:16.54 GRAHAM JOHNSTON	96
2:42.43 Orrin Nordstrom	63	36.14 Scott Guthrie	60	3:08.79 Scott Woodburn	61	21:40.09 David P Harrison	67
▪ 400 M. FREESTYLE		36.44 Kimball Bernard	60	▪ 400 M. INDIVIDUAL MEDLEY		21:49.12 Ernie Leskovitz	67
5:01.03 SANDY GALLETLY	02	36.80 David Gildea	61	5:49.43 EDWARD CAZALET	02	24:19.11 Mike A Stollmeyer	67
5:08.54 Sandy Galletly	62	36.82 Thomas D Boak	61	5:58.50 Sandy Galletly	62	24:38.06 Ralph Brott	65
5:14.66 C W Muter	62	37.84 James Pelissier	60	6:11.32 William Muter	62	24:52.76 Dick Peterson	67
5:21.94 Don M Davis	60	38.80 Teun Van Der Veen	60	6:22.46 Mike R Freshley	63	25:14.25 Barry Fasbender	67
5:30.43 Bill Dawson	62	38.85 Allen Murray	60	6:26.73 Kimball Bernard	60	25:21.67 John Lebourgeois	66
5:33.28 Robert Poiletman	61	▪ 100 M. BREASTSTROKE		6:29.51 Robert Boder	62	25:22.64 A Emory Haworth	68
5:34.03 Dan Willert	62	1:18.63 PETER ANDERSEN	03	6:42.01 Gerry G Delong	61	26:52.58 Bill Blomquist	65
5:37.32 Norm Scott	60	1:19.12 Kenneth Frost	60	6:59.71 Scott Woodburn	61	27:04.64 James F Browne	66

2003-2004 Long-Course Meters - Top-Ten Individuals

<ul style="list-style-type: none"> • 50 M. BACKSTROKE 33.54 YOSHI OYAKAWA 99 37.39 David R McIntyre 67 37.49 Joseph M Lammert 65 38.69 David Painter 66 38.89 David Gillanders 65 39.38 Brent Lake 66 39.59 Donald Puchalski 65 40.56 Roloffs Pinkerton 65 41.79 Robert Norris 66 41.88 George Thayer 68 44.08 George Ickes 66 • 100 M. BACKSTROKE 1:16.78 YOSHI OYAKAWA 99 1:21.70 Marty A Mennen 68 1:27.58 David Painter 66 1:29.01 Brent Lake 66 1:30.15 Robert Norris 66 1:32.30 George Thayer 68 1:34.26 George Ickes 66 1:34.26 Dick Peterson 67 1:35.52 William Crowley 65 1:35.74 David Gillanders 65 1:37.13 Everett Smethurst 69 • 200 M. BACKSTROKE 2:55.46 ROGER FRANKS 92 2:57.73 Marty A Mennen 68 3:10.82 Brent Lake 66 3:23.30 Robert Norris 66 3:23.31 William Crowley 65 3:28.42 Joel P Jacobs 68 3:31.19 George Thayer 68 3:31.77 Barry A Fاسبender 67 3:32.23 Roloffs Pinkerton 65 3:33.21 Morton Palmer 69 3:35.06 Bill Mulliken 65 • 50 M. BREASTSTROKE 36.42 MANUEL SANGUILY 98 39.73 Bela Sandor 69 39.74 Donald Puchalski 65 40.04 Jim Perilman 65 41.48 Karl Wiedamann 66 41.49 Louis H Diamond 65 41.71 Jerry A Katz 66 42.37 Charles Kilbourne 65 43.22 Bill Mulliken 65 43.44 Bill Mc Clung 65 43.88 Sherrill Martin 67 • 100 M. BREASTSTROKE 1:24.16 MANUEL SANGUILY 98 1:29.45 Karl E Wiedamann 66 1:31.22 Jim E Perilman 65 1:31.40 Bela Sandor 69 1:33.77 Donald Puchalski 65 1:36.14 Dick Peterson 67 1:37.39 Louis H Diamond 65 1:39.73 Charles Kilbourne 65 1:39.77 Joel P Jacobs 68 1:39.82 William H Crowley 65 1:40.63 Sherrill Martin 67 • 200 M. BREASTSTROKE 3:10.23 RONALD JOHNSON 98 3:22.99 Karl E Wiedamann 66 3:26.65 Bela Sandor 69 3:27.63 Donald Puchalski 65 3:32.18 Jim E Perilman 65 3:34.15 Dick Peterson 67 3:37.19 Joel P Jacobs 68 3:39.10 William H Crowley 65 3:39.12 A Emory Haworth 68 3:41.26 Sherrill Martin 67 3:42.76 Charles Kilbourne 65 • 50 M. BUTTERFLY 30.81 RONALD JOHNSON 98 32.13 Bert Petersen 66 32.38 Joseph Lammert 65 33.46 Bob Bailie 69 33.60 David Gillanders 65 	<ul style="list-style-type: none"> 34.53 Ernie Leskovitz 67 35.66 Jerry A Katz 66 35.94 Donald Puchalski 65 36.07 A Emory Haworth 68 36.43 Jim Perilman 65 36.46 David McIntyre 67 • 100 M. BUTTERFLY 1:16.85 RONALD JOHNSON 98 1:22.85 David Gillanders 65 1:23.26 Ernie Leskovitz 67 1:28.81 A Emory Haworth 68 1:28.92 Mel E Goldstein 66 1:29.53 Jim E Perilman 65 1:31.97 Bob Bailie 69 1:34.53 Barry A Fاسبender 67 1:38.20 William Crowley 65 1:39.40 Charles Kilbourne 65 1:39.49 Robert Fox 67 • 200 M. BUTTERFLY 3:08.79 JOSEPH KURTZMAN 91 3:25.26 David Gillanders 65 3:27.74 A Emory Haworth 68 3:38.40 Barry Fاسبender 67 3:38.88 Jim E Perilman 65 3:51.54 Robert Fox 67 3:53.38 William H Crowley 65 4:04.78 Robert Williams 65 4:30.19 James Browne 66 4:58.82 Stan Pedder 69 • 200 M. INDIVIDUAL MEDLEY 2:50.18 RONALD JOHNSON 98 3:05.23 David Painter 66 3:12.09 Ernie Leskovitz 68 3:13.48 Mel E Goldstein 66 3:15.48 Donald Puchalski 65 3:16.25 William H Crowley 65 3:17.05 A Emory Haworth 68 3:17.77 Dick Peterson 67 3:22.54 Bela Sandor 69 3:24.28 Bill Mulliken 65 3:30.52 Jim Perilman 65 • 400 M. INDIVIDUAL MEDLEY 6:08.44 GRAHAM JOHNSTON 96 6:46.04 Ernie Leskovitz 67 7:04.35 A Emory Haworth 68 7:04.99 Mel E Goldstein 66 7:06.69 Dick Peterson 67 7:06.87 William H Crowley 65 7:09.52 David Painter 66 7:09.92 Donald Puchalski 65 7:31.61 Barry Fاسبender 67 7:39.17 David Gillanders 65 7:41.07 Jim Perilman 65 	<ul style="list-style-type: none"> 1:15.40 Graham Johnston 73 1:15.45 Wilhelm Rauch 70 • 200 M. FREESTYLE 2:29.29 GRAHAM JOHNSTON 01 2:32.24 David Radcliff 70 2:35.56 Burwell Jones 71 2:42.46 Larry Good 70 2:42.83 Graham Johnston 73 2:43.12 Dave Anderson 73 2:47.61 Dren Geer 70 2:50.22 Wilhelm Rauch 70 2:53.15 Robert W Mayo 71 2:55.23 Alan Rapperport 71 3:01.41 Bill King 71 • 400 M. FREESTYLE 5:12.05 GRAHAM JOHNSTON 01 5:31.23 David Radcliff 70 5:36.45 Burwell Jones 71 5:50.13 Larry Good 70 5:52.21 William Lauer 70 6:02.34 Wilhelm Rauch 70 6:05.72 George Brunstad 70 6:19.50 Alan S Rapperport 71 6:25.06 Robert Mayo 71 6:27.84 Dick Chisholm 70 6:30.27 Bill King 71 • 800 M. FREESTYLE 10:45.92 GRAHAM JOHNSTON 02 11:37.06 David Radcliff 70 11:45.38 Burwell Jones 71 12:10.32 Larry Good 70 12:10.77 Graham Johnston 73 12:20.49 William Lauer 70 12:44.24 Wilhelm Rauch 70 13:09.33 Alan S Rapperport 71 13:25.62 Robert Mayo 71 13:28.92 Robert Beach 74 13:33.96 Myron W Lockey 73 • 1500 M. FREESTYLE 20:36.56 GRAHAM JOHNSTON 01 22:06.39 David Radcliff 70 22:17.24 Burwell Jones 71 22:47.77 George E Brunstad 70 24:14.66 Will Rauch 70 24:43.94 Robert W Mayo 71 25:38.29 Wayne Leengran 73 25:42.60 Dick Chisholm 70 25:44.15 Alan Rapperport 71 26:47.03 Myron Lockey 73 28:27.48 Mike Milliman 70 • 50 M. BACKSTROKE 35.31 YOSHI OYAKAWA 03 35.83 Yoshi Oyakawa 71 37.62 Burwell Jones 71 38.65 George L Gfroerer 71 38.83 Clarke E Mitchell 72 39.07 Ronald L Johnson 73 40.59 Richard Weick 70 40.91 Larry Good 70 41.23 Chuck Baldwin 74 41.38 Stan Mc Connell 73 42.62 Frank T Manheim 74 • 100 M. BACKSTROKE 1:19.12 YOSHI OYAKAWA 04 1:19.12 Yoshi Oyakawa 71 1:22.74 Burwell Jones 71 1:29.42 Clarke Mitchell 72 1:30.15 Graham Johnston 73 1:30.67 Larry Good 70 1:31.29 Stan Mc Connell 73 1:32.48 Robert Mayo 71 1:32.81 George L Gfroerer 71 1:34.44 Alan Rapperport 71 1:40.00 Mike Milliman 70 • 200 M. BACKSTROKE 2:56.59 BURWELL JONES 03 3:01.68 Burwell Jones 71 3:13.40 Graham Johnston 73 	<ul style="list-style-type: none"> 3:14.00 Robert W Mayo 71 3:16.09 Larry Good 70 3:19.23 Alan S Rapperport 71 3:19.59 Yoshi Oyakawa 71 3:22.30 Stan Mc Connell 73 3:24.53 George L Gfroerer 71 3:25.12 Bob Best 72 3:31.90 Mike Milliman 70 • 50 M. BREASTSTROKE 37.96 CHARLES BALDWIN 00 39.47 John D Kortheuer 73 40.60 Stan F Morner 70 41.65 Myron W Lockey 73 42.50 Norman Stupfel 72 42.56 Chuck Baldwin 74 43.92 Richard Weick 70 44.78 Milton Marks 74 45.07 Ron E Taylor 71 45.28 Don J Baker 73 45.30 John R Masters 74 • 100 M. BREASTSTROKE 1:29.47 JOHN KORTHEUER 01 1:29.51 Bob W Patten 70 1:31.75 John D Kortheuer 73 1:37.59 Stan F Morner 70 1:39.39 Myron W Lockey 73 1:39.43 Bob Best 72 1:39.92 Will Rauch 70 1:40.25 Norman Stupfel 72 1:45.13 Milton Marks 74 1:45.77 Ron E Taylor 71 1:46.37 John E Bleck 71 • 200 M. BREASTSTROKE 3:18.20 BOB PATTEN 04 3:18.20 Bob W Patten 70 3:43.11 Stan Morner 70 3:44.46 Norman Stupfel 72 3:49.85 George Brunstead 70 3:49.92 Graham Johnston 73 3:59.42 Milton Marks 74 4:06.77 Myron Lockey 73 4:10.33 Leo Silverstein 70 4:10.58 Tom Mitchell 71 4:15.24 C E Weatherbee 72 • 50 M. BUTTERFLY 32.11 RONALD JOHNSON 01 33.62 Ronald L Johnson 73 36.78 Bob W Patten 70 36.78 Stan F Morner 70 37.14 Herb Kern 72 38.12 Clarke E Mitchell 72 39.49 Chuck Baldwin 74 39.77 Parry O'Brien 72 42.03 Stan Mc Connell 73 45.35 H Donald J Messer 73 45.46 Dan F Healy 70 • 100 M. BUTTERFLY 1:21.64 RONALD JOHNSON 01 1:26.93 William Lauer 70 1:34.66 Dren Geer 70 1:34.72 Stan Morner 70 1:37.14 Herb Kern 72 1:37.50 Burwell Jones 71 1:41.84 John R Masters 74 1:48.49 Norman E Stupfel 72 1:48.67 Graham Johnston 73 1:51.90 Parry O'Brien 72 1:52.42 Tom Mitchell 71 • 200 M. BUTTERFLY 3:20.84 RONALD JOHNSON 01 3:30.03 William Lauer 70 3:41.49 Herb Kern 72 3:45.77 Dren Geer 70 3:47.16 Stan Morner 70 3:57.33 John R Masters 74 4:00.91 Samuel B Chilton 70 4:24.52 Tom Mitchell 71 4:27.30 Parry O'Brien 72
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MEN 70-74

2003-2004 Long-Course Meters - Top-Ten Individuals

4:36.18 Gordan H Gillin 74	12:46.62 ROGER FRANKS 02	1:49.09 F H Ted Haartz 76	38.67 Rogers B Holmes 83
4:57.11 William Grohe 71	14:39.41 Winthrop Wilson 77	1:49.68 Irwin W Stolz 75	38.70 Jurgen Schmidt 80
• 200 M. INDIVIDUAL MEDLEY	14:53.69 Irwin Stolz 75	1:53.44 Paul Lowry 77	39.40 John Truby 80
2:58.06 BURWELL JONES 03	14:55.66 W Morgan Byers 77	1:57.54 Robert Cunningham 77	39.41 Robert Sigersmith 80
3:06.99 Burwell Jones 71	15:27.46 Frank Samoya 78	2:02.10 Aaron Kurtzman 75	40.26 John Florance 82
3:17.87 Graham Johnston 73	15:31.74 Wayne Clegern 75	• 200 M. BREASTSTROKE	40.99 John D Corse 80
3:23.76 Richard Weick 70	15:33.71 Donald J Hubbard 77	3:32.60 ROBERT MACDONALD 04	43.26 Alfredo Utrilla 84
3:26.52 Alan S Rapperport 71	15:34.74 Jordan Wolle 76	3:32.60 Robert MacDonald 76	• 100 M. FREESTYLE
3:29.07 Bob Best 72	16:19.44 Fred Trask 77	3:57.79 Thomas Maine 79	1:21.12 ANDREW HOLDEN 99
3:29.55 John R Masters 74	16:31.66 Don Stupfel 76	3:58.16 Irwin W Stolz 75	1:27.70 Jurgen Schmidt 80
3:31.35 George Brunstead 70	16:50.03 John Daily 77	4:01.45 Frank Piemme 79	1:28.10 Robert S Blake 80
3:32.51 Stan Mc Connell 73	• 1500 M. FREESTYLE	4:01.73 F H Ted Haartz 76	1:34.30 Frank Grannis 80
3:39.87 C E Weatherbee 72	24:34.77 ROGER FRANKS 02	4:06.40 Charles Urstadt 76	1:36.48 Gil Young 82
3:44.14 Tom Mitchell 71	28:13.14 Irwin W Stolz 75	4:09.33 Dan F Gruender 75	1:38.24 John Truby 80
• 400 M. INDIVIDUAL MEDLEY	28:14.54 Roger G Franks 77	4:15.18 Paul Lowry 77	1:39.06 Robert Sigersmith 80
6:32.11 BURWELL JONES 03	29:55.96 Tom Maine 79	4:17.64 Robert Cunningham 77	1:42.15 John Florance 82
6:50.77 Burwell Jones 71	30:00.08 Jordan B Wolle 76	4:31.34 Lee Arth 79	1:49.31 Alfredo Utrilla 84
7:02.30 William Lauer 70	30:46.35 Fred Trask 77	• 50 M. BUTTERFLY	1:53.59 Richard Avery 81
7:13.88 Herb Kern 72	32:05.89 Don Stupfel 76	35.66 FRANK PIEMME 00	1:54.55 A Ramirez-Miller 80
7:29.20 John R Masters 74	32:17.66 John Daily 77	39.04 Frank Piemme 79	• 200 M. FREESTYLE
7:35.80 Alan S Rapperport 71	36:02.19 Lou Silverstein 78	40.44 Dick Webber 75	3:09.70 RAY TAFT 99
7:54.79 Stan McConnell 73	38:25.30 Bruno H Weber 77	43.78 Aaron Kurtzman 75	3:22.59 Jurgen Schmidt 80
7:55.21 C E Weatherbee 72	38:30.53 Richard Schomburg 78	44.79 Winthrop Wilson 77	3:28.94 Robert S Blake 80
8:13.48 Gordan H Gillin 74	• 50 M. BACKSTROKE	49.58 Ronald Gainsford 75	3:30.07 Frank Grannis 80
8:17.25 Norman E Stupfel 72	39.27 PAUL HUTINGER 00	49.60 August Motmans 77	3:39.79 Gil Young 82
8:19.15 Tom Mitchell 71	40.58 Horace S Knowlton 75	49.98 Donald J Hubbard 77	3:42.29 James K Edwards 82
	41.53 Peter Van Dijk 75	58.49 Art Kelley 79	3:46.36 Robert Sigersmith 80
MEN 75-79	42.23 Dale Webster 78	1:10.09 Robert Williams 77	4:10.31 A Ramirez-Miller 80
• 50 M. FREESTYLE	46.50 Roger G Franks 77	1:29.43 Keith Burbridge 76	4:29.40 Tom Mc Call 82
31.19 FRANK PIEMME 00	47.33 Ralph Perry 77	• 100 M. BUTTERFLY	4:43.14 William Keller 82
33.10 Peter Van Dijk 75	48.17 Don L Stupfel 76	1:35.81 FRANK PIEMME 00	4:50.50 Bob Doud 81
33.15 Dick Webber 75	49.23 Ronald Gainsford 75	1:38.81 Robert MacDonald 76	• 400 M. FREESTYLE
33.15 Frank Piemme 79	49.46 August Motmans 77	1:42.47 Thomas Maine 79	6:42.86 RAY TAFT 99
34.58 Justin W Diehl 75	49.73 Paul Lowry 77	1:47.42 Frank Piemme 79	6:58.46 Jurgen Schmidt 80
34.74 Dale Webster 78	49.84 Justin W Diehl 75	1:58.95 Aaron Kurtzman 75	7:17.91 James K Edwards 82
35.05 Bob Congelliere 75	• 100 M. BACKSTROKE	2:08.71 Donald J Hubbard 77	7:20.49 Robert S Blake 80
35.05 Al Craig 77	1:29.47 ROGER FRANKS 02	2:17.26 Robert Cunningham 77	7:56.57 Gil Young 82
36.44 Robert MacDonald 76	1:31.27 Horace S Knowlton 75	2:24.58 Art Kelley 79	8:15.66 Robert Sigersmith 80
37.18 Donald J Hubbard 77	1:35.93 Peter Van Dijk 75	3:43.68 Keith Burbridge 76	8:52.51 A Ramirez-Miller 80
38.25 Jordan Wolle 76	1:39.72 Dale Webster 78	• 200 M. BUTTERFLY	10:45.94 Herb McCauley 82
• 100 M. FREESTYLE	1:43.83 Ralph Perry 77	3:43.56 ANTON CERER 92	10:46.48 A Gordon Kidd 84
1:13.84 RAY TAFT 95	1:50.06 Jack Mitchell 77	3:45.15 Thomas Maine 79	10:52.00 Bob Doud 81
1:15.97 Peter Van Dijk 75	1:52.69 Paul Lowry 77	3:50.95 Len Goldstone 75	11:10.37 John E Cranch 82
1:18.28 Frank Piemme 79	1:54.38 Wayne Clegern 75	5:44.44 Art Kelley 79	• 800 M. FREESTYLE
1:19.65 Dale Webster 78	1:55.45 Lee Arth 79	6:48.75 Warren A Foster 79	14:19.22 RAY TAFT 99
1:20.44 Dick N Webber 75	1:59.52 Robert Williams 77	8:07.72 Keith Burbridge 76	14:33.20 Jurgen Schmidt 80
1:25.55 Robert MacDonald 76	2:00.67 Lou Silverstein 78	16:34.07 Doug Strong 79	15:56.84 Robert S Blake 80
1:25.76 Justin W Diehl 75	• 200 M. BACKSTROKE	• 200 M. INDIVIDUAL MEDLEY	16:22.74 James K Edwards 82
1:27.60 W Morgan Byers 77	3:10.25 ROGER FRANKS 02	3:18.35 FRANK PIEMME 00	16:33.38 Gil Young 82
1:30.58 Jordan Wolle 76	3:26.06 Horace S Knowlton 75	3:32.94 Horace S Knowlton 75	16:44.71 Robert Sigersmith 80
1:31.36 Bill Payne 75	3:34.14 Roger G Franks 77	3:33.49 Robert MacDonald 76	19:04.68 Tom Mc Call 82
1:31.86 Winthrop Wilson 77	3:47.94 Thomas Maine 79	3:37.49 Len Goldstone 75	22:00.19 Bob Doud 81
• 200 M. FREESTYLE	3:51.78 Ralph Perry 77	3:40.72 Frank Piemme 79	22:29.40 Charles Bushey 83
2:50.01 FRANK PIEMME 00	3:53.35 Dale Webster 78	3:48.23 Thomas Maine 79	22:47.65 Herb Mc Auley 82
3:00.98 Peter Van Dijk 75	3:55.85 Wayne M Clegern 75	3:53.77 Irwin W Stolz 75	23:00.20 John E Cranch 82
3:06.55 Frank Piemme 79	4:00.26 Lee Arth 79	3:54.38 Dick Webber 75	• 1500 M. FREESTYLE
3:12.59 Dick Webber 75	4:02.38 Paul Lowry 77	4:11.59 Lee Arth 79	26:52.93 RAY TAFT 99
3:17.39 Wayne M Clegern 75	4:05.16 Justin W Diehl 75	4:18.99 Robert Cunningham 77	28:25.41 Jurgen Schmidt 81
3:19.54 W Morgan Byers 77	4:07.60 Robert Cunningham 77	4:58.21 Warren A Foster 79	31:36.15 Robert Blake 80
3:26.13 Jordan B Wolle 76	• 50 M. BREASTSTROKE	• 400 M. INDIVIDUAL MEDLEY	33:12.51 Robert Sigersmith 80
3:26.36 Roger G Franks 77	41.69 CHARLES URSTADT 03	7:21.75 RAY TAFT 95	33:55.26 Arthur M Koblisch 80
3:29.14 Fred Trask 77	42.36 Charles Urstadt 76	7:48.40 Len Goldstone 75	34:53.97 A Ramirez-Miller 80
3:33.11 Lee Arth 79	42.87 Robert MacDonald 76	7:48.44 Thomas Maine 79	35:58.27 Richard Smith 84
3:35.45 Ralph Perry 77	45.59 Horace S Knowlton 75	8:07.33 Frank Piemme 79	54:49.06 Fred Rogers 81
• 400 M. FREESTYLE	45.81 Al Craig 77	10:45.96 Lou Silverstein 78	• 50 M. BACKSTROKE
6:13.05 ROGER FRANKS 02	46.05 Frank Piemme 79	10:58.63 Warren A Foster 79	41.40 PAUL HUTINGER 04
6:42.72 Frank Piemme 79	46.52 Ronald Gainsford 75	13:11.20 Doug Strong 79	41.40 Paul Hutinger 80
7:04.80 Irwin W Stolz 75	47.98 Dan F Gruender 75	13:18.20 Keith Burbridge 76	46.93 Jurgen Schmidt 81
7:08.35 Winthrop Wilson 77	48.55 Aaron Kurtzman 75	13:27.98 Robert Pelletier 76	47.36 Rogers B Holmes 83
7:20.21 Wayne M Clegern 75	48.94 F H Ted Haartz 76	15:45.50 Al Rogerson 79	50.23 John Truby 80
7:24.98 Jordan B Wolle 76	50.29 Paul Lowry 77		50.39 John D Corse 80
7:35.70 Frank Samoya 78	• 100 M. BREASTSTROKE	MEN 80-84	52.42 Richard Avery 81
7:40.92 Donald J Hubbard 77	1:35.55 ROBERT MACDONALD 04	• 50 M. FREESTYLE	52.76 George Melick 80
7:43.66 Fred Trask 77	1:35.55 Robert MacDonald 76	33.88 WOODROW BOWERSOCK 93	53.10 Raymond Hakomaki 84
7:44.78 Lee Arth 79	1:40.26 Al Craig 77	36.99 Robert S Blake 80	57.58 Edwin H Graves 81
7:56.26 Robert Stricker 76	1:41.44 Charles Urstadt 76	37.17 Frank Grannis 80	57.64 Robert Sigersmith 80
• 800 M. FREESTYLE	1:48.52 Frank Piemme 79	37.90 Paul Hutinger 80	• 100 M. BACKSTROKE
	1:48.63 Dan F Gruender 75		1:35.36 RAY TAFT 99

2003-2004 Long-Course Meters - Top-Ten Individuals

1:35.42 Paul Hutinger 80	• 200 M. BUTTERFLY	1:49.54 ALDO DA ROSA 02	• 1500 M. FREESTYLE
1:48.23 Rogers B Holmes 83	4:11.09 ANTON CERER 98	2:04.33 John Merrill 87	36:47.02 GUS LANGNER 93
1:59.45 Raymond Hakomaki 84	4:53.14 Frank Grannis 80	2:13.02 Dick Guido 87	39:36.67 Walter Pfeiffer 91
2:00.86 James K Edwards 82	5:13.88 Arthur M Koblisch 80	2:26.21 Tom Haver 86	• 50 M. BACKSTROKE
2:02.42 George F Melick 80	5:53.37 Bob Doud 81	3:09.17 William Johnston 86	56.43 WOODY BOWERSOCK 03
2:05.16 Norman D Garsoe 81	7:27.87 Jay Charles 82	• 200 M. BACKSTROKE	1:08.36 Jim Triolo 90
2:09.92 Richard Avery 81	8:49.04 Vladimir Ouchakof 80	4:07.72 ALDO DA ROSA 02	1:19.68 Frank Tillotson 90
2:16.05 John E Cranch 82	9:37.58 T Johnson 82	4:30.02 John Merrill 87	2:49.37 Ruben Berg 91
2:21.18 Tom Mc Call 82	• 200 M. INDIVIDUAL MEDLEY	4:58.14 Dick Guido 87	• 100 M. BACKSTROKE
2:24.26 A Ramirez-Miller 80	3:43.19 RAY TAFT 00	5:33.32 Tom T Haver 86	2:10.36 WOODY BOWERSOCK 03
• 200 M. BACKSTROKE	4:05.62 Edward Rudloff 81	7:25.11 William Johnston 86	2:13.40 Woody Bowersock 91
3:30.76 PAUL HUTINGER 04	4:07.74 Frank Grannis 80	• 50 M. BREASTSTROKE	2:33.21 Jim Triolo 90
3:30.76 Paul Hutinger 80	4:26.80 Jurgen Schmidt 81	50.74 PAUL KRUP 02	3:03.35 Frank H Tillotson 90
4:13.95 John Truby 80	4:38.58 Arthur M Koblisch 80	55.82 Paul Krup 87	3:39.89 Boyd C Campbell 94
4:24.81 James K Edwards 82	4:50.41 Tom Mc Call 82	1:05.71 William Johnston 86	5:41.73 Ruben Berg 91
4:28.02 Jurgen Schmidt 81	4:58.42 Richard Smith 84	1:12.67 Ned E Smith 89	• 200 M. BACKSTROKE
4:34.43 Norman D Garsoe 81	5:43.80 Bob Doud 81	1:13.86 Harry Bartlett 88	4:58.86 WOODY BOWERSOCK 03
4:35.50 Raymond Hakomaki 84	6:21.66 Jay Charles 82	1:17.34 Walter Keller 86	5:20.35 Jim Triolo 90
4:40.47 George F Melick 80	6:33.67 Vladimir Ouchakof 81	• 100 M. BREASTSTROKE	6:53.68 Frank H Tillotson 90
4:41.84 John E Cranch 82	9:09.64 Albert Chipman 82	2:00.89 ALDO DA ROSA 03	• 50 M. BREASTSTROKE
4:53.76 Richard Avery 81	• 400 M. INDIVIDUAL MEDLEY	2:15.45 Paul Krup 87	1:09.80 JIM PENFIELD 98
4:59.38 A Ramirez-Miller 80	8:05.14 RAY TAFT 99	2:24.80 Bud Jackson 85	2:13.75 Frank Tillotson 90
• 50 M. BREASTSTROKE	10:03.72 Arthur M Koblisch 80	2:28.47 Andrew Holden 85	5:11.33 Ruben Berg 91
46.09 BARTON GREENBERG 04	10:28.92 Tom Mc Call 82	2:48.39 William Johnston 86	• 100 M. BREASTSTROKE
46.09 Barton Greenberg 80	10:30.90 Robert Blake 80	2:58.71 Harry Bartlett 88	2:46.78 WALTER PFEIFFER 03
48.27 Edward Rudloff 81	12:23.21 Bob Doud 81	3:00.89 Walter Keller 86	5:09.74 Frank Tillotson 90
50.37 John D Corse 80	13:28.28 Jay Charles 82	• 200 M. BREASTSTROKE	• 200 M. BREASTSTROKE
50.59 Paul Hutinger 80	13:54.63 Vladimir Ouchakof 81	4:25.31 ALDO DA ROSA 03	6:24.54 GUS LANGNER 93
54.20 George F Melick 80	18:34.98 T Johnson 82	5:03.81 Bud Jackson 85	NO SWIMMERS
55.51 Tom F Dowell 82		6:34.80 Harry Bartlett 88	• 50 M. BUTTERFLY
58.30 Norman D Garsoe 81	MEN 85-89	6:40.21 William Johnston 86	1:00.30 WALTER PFEIFFER 03
58.53 Richard Avery 81	• 50 M. FREESTYLE	• 50 M. BUTTERFLY	NO SWIMMERS
58.83 Abrasha Brainin 82	35.77 WOODROW BOWERSOCK 98	46.48 ANDREW HOLDEN 04	• 100 M. BUTTERFLY
59.96 Robert Spaulding 83	37.21 Andrew Holden 85	46.48 Andrew Holden 85	2:31.03 WALTER PFEIFFER 03
• 100 M. BREASTSTROKE	41.29 William Johnston 86	54.32 Paul Krup 87	NO SWIMMERS
1:45.99 MAX VON ISSER 99	44.50 C Edward Johnson 86	1:00.03 William Johnston 86	• 200 M. BUTTERFLY
1:47.88 Barton Greenberg 80	46.40 Ned E Smith 89	• 100 M. BUTTERFLY	5:51.79 WALTER PFEIFFER 03
1:53.47 Edward Rudloff 81	1:01.25 Tom Haver 86	2:02.53 ANDREW HOLDEN 04	NO SWIMMERS
2:02.75 John D Corse 80	1:04.49 Walter Keller 86	2:02.53 Andrew Holden 85	• 200 M. INDIVIDUAL MEDLEY
2:07.15 Raymond Hakomaki 84	• 100 M. FREESTYLE	2:34.17 William Johnston 86	5:12.11 WALTER PFEIFFER 03
2:10.33 George F Melick 80	1:23.87 JIM EUBANK 01	• 200 M. BUTTERFLY	NO SWIMMERS
2:14.77 Tom F Dowell 82	1:40.85 William Johnston 86	4:47.63 ANDREW HOLDEN 04	• 400 M. INDIVIDUAL MEDLEY
2:14.82 Norman D Garsoe 81	1:40.85 William Johnston 86	4:47.63 Andrew Holden 85	11:19.91 WALTER PFEIFFER 03
2:15.39 Jurgen Schmidt 81	2:05.97 Lynn Surlis 87	6:56.71 William Johnston 86	NO SWIMMERS
2:16.01 Abrasha Brainin 82	2:32.46 Walter Keller 86	• 200 M. INDIVIDUAL MEDLEY	
2:22.76 Richard Avery 81	• 200 M. FREESTYLE	4:13.14 ANTON CERER 01	MEN 95-99
• 200 M. BREASTSTROKE	3:17.30 JIM EUBANK 01	4:15.59 Andrew Holden 85	• 50 M. FREESTYLE
4:00.64 ALDO DA ROSA 98	3:50.76 Dick Guido 87	5:21.22 William Johnston 86	55.88 GUS LANGNER 98
4:20.58 Edward Rudloff 81	4:18.69 William Johnston 86	• 400 M. INDIVIDUAL MEDLEY	NO SWIMMERS
4:35.19 John D Corse 80	4:46.09 Lynn Surlis 87	9:21.90 ANTON CERER 01	• 100 M. FREESTYLE
4:46.82 Norman D Garsoe 81	4:52.48 Harry Bartlett 88	12:55.19 William Johnston 86	2:29.32 GUS LANGNER 98
4:50.83 George F Melick 80	5:29.59 Tom Haver 86		NO SWIMMERS
5:06.40 Tom Mc Call 82	• 400 M. FREESTYLE	MEN 90-94	• 200 M. FREESTYLE
5:08.19 Richard Avery 81	7:12.16 JIM EUBANK 01	• 50 M. FREESTYLE	5:13.23 GUS LANGNER 98
5:08.43 Abrasha Brainin 82	8:12.53 Dick Guido 87	39.19 WOODY BOWERSOCK 03	NO SWIMMERS
6:21.89 Vladimir Ouchakof 81	9:34.50 Bud Jackson 85	41.65 Woody Bowersock 91	• 400 M. FREESTYLE
7:07.93 Herb Mc Auley 82	9:37.66 John Merrill 87	55.68 Jim Triolo 90	11:30.53 GUS LANGNER 98
10:31.10 T Johnson 82	10:00.91 William Johnston 86	1:26.71 Frank Tillotson 90	NO SWIMMERS
• 50 M. BUTTERFLY	• 800 M. FREESTYLE	4:39.13 Ruben Berg 91	• 200 M. FREESTYLE
41.89 ANDREW HOLDEN 99	15:24.45 JIM EUBANK 01	• 100 M. FREESTYLE	5:13.23 GUS LANGNER 98
48.35 Jurgen Schmidt 80	17:47.46 Dick Guido 87	1:43.22 WOODY BOWERSOCK 03	NO SWIMMERS
50.41 Frank Grannis 80	19:21.24 Bud Jackson 85	1:48.96 Woody Bowersock 91	• 1500 M. FREESTYLE
55.29 Paul Hutinger 80	20:54.83 Lynn Surlis 87	2:07.43 Jim Triolo 90	47:30.40 GUS LANGNER 99
1:14.87 Bob Doud 81	29:08.50 William Johnston 86	3:26.50 Boyd C Campbell 94	NO SWIMMERS
1:24.07 Ted Simon 82	• 1500 M. FREESTYLE	• 200 M. FREESTYLE	• 50 M. BACKSTROKE
1:27.91 Jay Charles 82	29:53.88 JIM EUBANK 00	4:10.40 WOODY BOWERSOCK 03	1:18.91 TOM LANE 89
1:29.35 Herb Mc Auley 82	36:38.36 Bud Jackson 85	4:35.42 Woody Bowersock 91	NO SWIMMERS
1:38.97 Vladimir Ouchakof 81	43:36.01 Lynn Surlis 87	4:38.25 Jim Triolo 90	• 100 M. BACKSTROKE
1:49.79 Khosrow Shadbeh 83	• 50 M. BACKSTROKE	5:16.28 Gene Crossett 91	3:19.14 TOM LANE 92
1:58.85 T Johnson 82	47.06 ALDO DA ROSA 02	6:29.45 Frank H Tillotson 90	NO SWIMMERS
• 100 M. BUTTERFLY	49.14 Andrew Holden 85	• 400 M. FREESTYLE	• 50 M. BREASTSTROKE
1:47.88 ANDREW HOLDEN 99	55.19 John Merrill 87	9:39.37 WOODY BOWERSOCK 03	1:26.61 GUS LANGNER 98
2:00.12 Frank Grannis 80	56.86 C Edward Johnson 86	10:24.84 Woody Bowersock 91	NO SWIMMERS
2:20.92 Arthur M Koblisch 80	1:01.12 Tom Haver 86	• 800 M. FREESTYLE	• 100 M. BREASTSTROKE
2:29.31 Tom Mc Call 82	1:03.28 Harry Liber 86	20:13.74 GUS LANGNER 93	3:38.45 GUS LANGNER 98
2:37.00 Bob Doud 81	1:09.64 William Johnston 86	24:19.62 Gene Crossett 91	NO SWIMMERS
3:58.13 Vladimir Ouchakof 81	1:11.83 Ned E Smith 89	30:22.00 Frank Tillotson 90	• 200 M. BREASTSTROKE
4:31.12 T Johnson 82	• 100 M. BACKSTROKE		

2003-2004 Long-Course Meters - Top-Ten Individuals

7:37.17 GUS LANGNER 98
NO SWIMMERS

MEN 100-104

- 50 M. FREESTYLE
1:40.46 TOM LANE 94
NO SWIMMERS
- 100 M. FREESTYLE
4:05.98 TOM LANE 94
NO SWIMMERS
- 50 M. BACKSTROKE
1:50.73 TOM LANE 94
NO SWIMMERS
- 100 M. BACKSTROKE
4:13.84 TOM LANE 94
NO SWIMMERS
- 200 M. BACKSTROKE
9:04.31 TOM LANE 94
NO SWIMMERS

2003-2004 Long-Course Meters - Top-Ten Relays

WOMEN'S RELAYS

200 M. FREE REL WOMEN 76+

DCAC 1:59.26 00

KIMBERLY MYERS
SARA M REESE
HOLLY SISK
M JESPERSON

GAS 2:01.19

Ashley Scott 21
Pamela K Splichal 21
Jessica G Hales 28
Holly F Johnson 28

SWIM KENTUCKY 2:09.95

Laura Graves 19
Kate Kolb 24
Ashley Lyons 19
Jennifer Kappler 29

MID-CITIES MAST 2:21.03

Jennifer Tengra 23
Kassy Tengra 20
Nadine Grosse 24
Kelly Kirkpatrick 25

MVN 2:21.71

Lisa Kramer 19
Tiffany Harless 20
Courtney Dolan 22
Tanya Guerrero 28

FINS 2:21.73

Ashley Sutcliffe 21
Karen E Groce 24
Kristin Y Fooshee 27
Alexandra Wright 19

PLANO WETCATS 2:36.13

Tina Derakhshan 20
Talya Nichols 26
Stacy Brown 26
Nancy Bellino 21

200 M. MEDLEY R WOMEN 76+

UNIV SAN FRAN 2:12.59 92

CYNTHIA HINSHAW
JANET HAUER
NATALIE EFFA
BRENDA WICKLUND

GAS 2:17.29

Jessica G Hales 28
Ashley Scott 21
Pamela K Splichal 21
Holly F Johnson 28

GAJA 2:18.07

Alexis L Morris 22
A I Vazhenin 20
Michelle Standora 25
Mel A Vander Wood 21

SWIM KENTUCKY 2:21.44

Laura Graves 19
Andee Bell 29
Jennifer Kappler 29
Ashley Lyons 19

USF 2:28.71

Ouida Liu 24
Yuko Iwamoto 21
Iris Nishimoto 23
Meg Bartett 28

SMMM 2:32.95

Kira Swain 23
Jackie Chow 26
Kendra Swain 19
Alicia Koht 23

MID-CITIES MAST 2:36.69

Lauren Allen 19
Sally Sarles 22

Susan Janoski 23
Karen Marshall 21
MVN 2:50.11
Tiffany Harless 20
Holly Alvarado 24
Meredith May 30
Courtney Dolan 22

400 M. FREE REL WOMEN 76+

SANTA CLARA 4:31.84 95

JO MILLARD
ANNE WATKINS
LAURA VIALE
KATHRIN LAMMERS

USF 4:49.67

Ouida Liu 24
Yuko Iwamoto 21
Iris Nishimoto 23
Meg Bartett 28

CSPF 5:28.87

Mya Fong 20
Stephanie Yu 22
Jocelyn Cote 20
Christy Patten 20

MVN 5:50.81

Lisa Kramer 19
Tiffany Harless 20
Courtney Dolan 22
Holly Alvarado 24

400 M. MEDLEY R WOMEN 76+

NOVA 4:57.34 02

DANIELLE DEALVA
SHANNON FLAIVE
MEGAN LUCAS
GABRIELA HICKMAN

MID-CITIES MAST 6:48.46

Jennifer Tengra 23
Kassy Tengra 20
Nadine Grosse 24
Kelly Kirkpatrick 25

MVN 6:49.86

Courtney Dolan 22
Lisa Kramer 19
Tiffany Harless 20
Holly Alvarado 24

800 M. FREE REL WOMEN 76+

UC IRVINE 9:55.67 01

JULIE SWAIL
SARA SHOWALTER
KRISTIN LARSSON
STACEY GAVIGAN

MVN 13:02.26

Lisa Kramer 19
Tiffany Harless 20
Courtney Dolan 22
Holly Alvarado 24

200 M. FREE REL WOMEN 100+

OREGON 1:52.47 92

SHANNON HERINGER
GRACIE GODDARD
LEISSA MILLS
LINDA FINLEY

PAFC 2:00.03

Patricia A Flynn 28
Denise M Morales 24
Barbara B Burke 43
Emily K Mullet 24

NCMS 2:04.06

Melanie J Deal 24
V Schreiner 25
Jessica Cummings 25

Alexis D Keto 26
SWIM KENTUCKY 2:05.22
Alexandra Nieto 32
Katie O'Brien 26
Leslie Weeter 27
Sarah Beltrame 26
GAJA 2:09.87

Alexis L Morris 22

Allison A Riley 27
Kristina Ulveling 32
Mel A Vander Wood 21

CLVM 2:10.64

Marie D Girouard 27
Samantha Taghva 19
Heidi M Boodt 35
Kari S Adams 38

NOVA 2:17.33

Alison Garland 32
Jenn Andrews 25
Brandy Bounds 23
Rebecca Cramer 31

PIMM 3:03.61

Kimberly Ayers 21
Kelly Scroggins 25
Laura Solomon 27
Cindy Benjamin 29

200 M. MEDLEY R WOMEN 100+

HOLMES 2:06.67 88

BETH MAUER
DEB WALKER
TISH BUCHER
MARY HOLMES

NCMS 2:18.28

Erika L Braun 32
V Schreiner 25
Staci K Inscore 32
Christy D Hall 27

SWIM KENTUCKY 2:23.75

Alexandra Nieto 32
Leslie Weeter 27
Sarah Beltrame 26
Katie O'Brien 26

PAFC 2:24.19

Patricia A Flynn 28
Denise M Morales 24
Emily K Mullet 24
Annmarie Winkis 26

MVN 2:25.59

Jennifer Fant 30
Jiajia Wang 25
Lisa Kramer 19
Tanya Guerrero 28

PLANO WETCATS 2:36.97

Talya D Nichols 26
Kelly Willis 33
Jennifer Brooks 27
Nancy Bellino 21

NOVA 2:38.71

Jenn Andrews 25
Brandy Bounds 23
Michele Brown 29
Alison Garland 32

PIMM 3:35.01

Kimberly Ayers 21
Kelly Scroggins 25
Laura Solomon 27
Cindy Benjamin 29

400 M. FREE REL WOMEN 100+

NOVA 4:27.60 02

DANIELLE DEALVA
MEGAN LUCAS
FIONA PETERSEN
GABRIELA HICKMAN
TEAM RIDGLEA 4:37.87

Diane Drake 25
Nicole Paquette 23
Kim Macklin 38
Melissa Powell 23
GSM 5:01.00
Jennifer Harnett 33
Justine Schramke 25
Kaitlin Small 30
Jacquelin Gephart 25

NOVA 5:42.55

Jenn Andrews 25
Brandy Bounds 23
Michele Brown 29
Gabriela Phalan 31

400 M. MEDLEY R WOMEN 100+

WALNUT CREEK 4:55.59 92

PAM BOSCOVICH
LISA TALLMAN
DEBBIE FLANSBURG
WENDY INGRAHAM

GSM 5:53.93

Jacquelin Gephart 25
Jennifer Harnett 33
Kaitlin Small 30
Justine Schramke 25

TEAM RIDGLEA 6:15.97

Amy Bender 33
Vanessa Charette 33
Meliss Powell 23
Jessica Rohlffs 29

800 M. FREE REL WOMEN 100+

WALNUT CREEK 9:50.91 89

CAROL LEE-HELTZEL
CATHEY COOLEY
DEBBIE FLANSBURG
AMY REIGER

SWIM KENTUCKY 10:20.54

Jennifer Kappler 29
Lauren Minto 28
Katie O'Brien 26
Leslie Weeter 27

NOVA 10:58.56

Jenn Andrews 25
Rebecca Cramer 31
Brandy Bounds 23
Michele Brown 29

200 M. FREE REL WOMEN 120+

ILLINOIS 1:52.10 04

NADINE DAY
HEATHER LINGNER
JENNIFER RIDGE
ZSEJKE TUSA

IM 1:52.10

Nadine K Day 34
Heather N Lingner 28
Jennifer Ridge 36
Zsejke Tusa 26

NCMS 1:57.79

Heather M Hageman 34
Christy D Hall 27
Staci K Inscore 32
Erika L Braun 32

ARIZ 2:02.77

Marcie Herzog 27
Tere Debrez 32
Louise Keogh 35
Laura Von Gluck 34

GAJA 2:03.05

Anna Ray DeLozier 41
Robyn Brewington 39
Tiffany J Taulbee 29
Beth O Mc Gee 42

2003-2004 Long-Course Meters - Top-Ten Relays

<p>TEAM RIDGLEA 2:04.80 Diane Drake 25 Kim Macklin 38 Kristin Henderson 44 Nicole Paquette 23</p> <p>TTM 2:06.57 Paula Boyle 35 Mandy Zipf 39 Bridget Satinover 26 Carol Carter 41</p> <p>VMST 2:07.66 Debbie K Jaeger 42 Stacey H Cornell 31 Caycee Buscaglia 39 Alice W Phillips 39</p> <p>MVN 2:07.96 Tami Engel 41 Jennifer Fant 30 Meredith May 30 Shannon Packard 21</p> <p>PLANO WETCATS 2:09.36 Kelly Willis 33 Michelle Heil 34 Kirsten Anderberg 34 Leslie Barnhill 34</p> <p>SPM 2:13.31 Tricia Moses 45 Livia Zien 38 Marcey Tabar 34 Melissa Varlas 31</p> <p>200 M. MEDLEY R WOMEN 120+</p> <p>GOLD 2:04.19 98 BETH GARDNER SUSIE GEYER TRACIE MOLL JAMIE HERRINGTON</p> <p>IM 2:10.12 Zsejke Tusa 26 Jennifer Ridge 36 Andrea J Block 43 Heather N Lingner 28</p> <p>ARIZ 2:18.21 Marcie Herzog 27 Louise Keogh 35 Laura Von Gluck 34 Tere Debrez 32</p> <p>TEAM RIDGLEA 2:18.36 Diane Drake 25 Kim Macklin 38 Kristin Henderson 44 Nicole Paquette 23</p> <p>SMMM 2:27.91 Laura Dravenstott 33 Cindy Lee 47 Liesl Taner 28 Lisa Ryner 47</p> <p>TTM 2:31.56 Kelly Spivey 41 Paula Boyle 35 Carol Carter 41 Mandy Zipf 39</p> <p>NOVA 2:31.91 Natalie Barrad 39 Margaret Reilly 35 Fiona Petersen 31 Rebecca Cramer 31</p> <p>USF 2:32.96 Meike Labusch 32 Monica Edler 32 Robyn Welch 30 Hilary Howell 33</p> <p>ES 2:41.34 Elizabeth Campbell 32 Catherine Heusel 35 Fay V Lachney 43 Flo S Donovan 43</p>	<p>SWIM KENTUCKY 2:41.83 Kelly Gray 36 Kathy Beckovich 37 Michelle Ward 36 Nancy McElwain 38</p> <p>SWIM KENTUCKY 2:45.06 Susan Ehringer 36 Elizabeth Hall 35 Nicole Swann 35 Helen Glish 43</p> <p>400 M. FREE REL WOMEN 120+</p> <p>STANFORD 4:17.94 94 MARTIE MCKINNEY C CHICHESTER DANIELLE OGIER KANA SHIBUYA</p> <p>NOVA 4:51.60 Natalie Barrad 39 Margaret Reilly 35 Rebecca Cramer 31 Fiona Petersen 31</p> <p>USF 5:02.61 Meike Labusch 32 Hilary Howell 33 Robyn Welch 30 Monica Edler 32</p> <p>WMAC 5:07.83 Nora Settini 34 Julie Van Cleave 45 Carrie Johnson 33 Trina Schaez 32</p> <p>PLANO WETCATS 5:13.21 Kelly Willis 33 Michelle Heil 34 Kirsten Anderberg 34 Stacy Brown 26</p> <p>MID-CITIES MAST 5:23.44 Jennifer Uible 35 Deborah Dupree 32 Norma Grissom 34 Joanie Patrick 43</p> <p>GAS 5:23.60 Ashley Scott 21 Priscill Callaway 65 Jessica Hales 28 Holly Johnson 28</p> <p>MVN 5:32.15 M Williams-Dalgar 37 Susan Gage 39 Ellyn Cahill 42 Lisa Augerson 41</p> <p>SWIM KENTUCKY 5:34.63 Michelle Ward 36 Elizabeth Hall 35 Teresa Walther 45 Alexandra Nieto 32</p> <p>DAM 5:42.99 Allison Higgins 21 Ximena Bustamante 44 Isabel Faria 29 Marissa Wong 26</p> <p>USF 6:00.31 Elizabeth Folkerth 38 A Papanikolas 31 Diana Harrington 32 Tina Chase 44</p> <p>400 M. MEDLEY R WOMEN 120+</p> <p>TEAM ORLANDO 4:53.42 97 MARGARET KELLER BEVERLY LENSE ROSEMARY SEAMAN CATHY SHONKWILER</p> <p>TEAM RIDGLEA 5:20.70 Diane Drake 25</p>	<p>Kristin Henderson 44 Kim Macklin 38 Nicole Paquette 23</p> <p>GOLD COAST 5:20.92 Debbie Cavanaugh 46 Amy S Diebler 28 Andrea Woodburn 41 Tanya Hanson 43</p> <p>SWIM KENTUCKY 5:43.18 Lauren Minto 28 Elizabeth Hall 35 Alexandra Nieto 32 Katie O'Brien 26</p> <p>WCM 5:50.03 Patty Landers 48 Helen Salcedo 29 Carol Kessler 40 Kara Lynn Gray 39</p> <p>GSC 6:04.53 Melanie Brede 30 Pamela Demichele 37 Kara Dawson 35 Kelly Bergdoll 47</p> <p>GAS 6:23.06 Jessica Hales 28 Ashley Scott 21 Holly Johnson 28 Priscill Callaway 65</p> <p>MID-CITIES MAST 6:33.28 Jennifer Uible 35 Joanie Patrick 43 Norma Grissom 34 Deborah Dupree 32</p> <p>800 M. FREE REL WOMEN 120+</p> <p>GOLD COAST 9:41.97 99 TRACIE MOLL G DERKS-GARDNER JAMIE HERRINGTON CAROLIN VICTORIA</p> <p>SWIM 9:55.19 Dawn Driver 31 Stacey Howle 38 Tillie Atkins 40 Julie Salvetti 42</p> <p>TEAM RIDGLEA 11:21.46 Beth Jones 47 Meliss Lee Powell 23 Nicole Paquette 23 Jessica Rohlffs 29</p> <p>GSC 11:52.58 Cheryl Mullane 32 Suzanne Kish 27 Jill Cunningham 46 Melanie Brede 30</p> <p>200 M. FREE REL WOMEN 160+</p> <p>GAJA 1:56.93 00 PENNY NOYES BETH GARDNER F WILLIAMSON LAUREEN WELTING</p> <p>IM 2:02.70 Heidi C Toft 31 Cynthia L Jones 54 Solveig Sullivan 34 Andrea J Block 43</p> <p>GOLD 2:05.93 Amy S Diebler 28 Anne G LaBorwit 54 Celia C Devanney 47 Peggy H McDonnell 49</p> <p>NCMS 2:06.94 Patricia A Rohner 45 Beverly O Amick 50 Robin H Batchelor 47</p>	<p>Susan Walsh 42</p> <p>CLVM 2:09.31 Carolyn H Battin 50 Kari S Adams 38 Paula James 45 Ursula S Moser 35</p> <p>WCM 2:14.00 D Schultz-Santos 36 Martha Alexander 55 Bonnie R Murphy 55 Leiann Crittenden 48</p> <p>IM 2:16.27 Jane Del Greco 48 Barbara Delanois 49 Rebecca J Keller 34 Colleen A Kelley 41</p> <p>RMM 2:16.97 J Murphy-Sherman 60 Susan D Nolte 43 Tiffany A Forbes 37 Heather Hagadorn 39</p> <p>SWIM KENTUCKY 2:17.02 Amy Pope 44 Pam Martin 47 Caroline Donnelly 42 Pamela Luebbe 41</p> <p>NCMS 2:18.24 Deborah M Haruta 37 Carrie Baartmans 39 Kim Stott 45 Margie J Springer 43</p> <p>GAJA 2:22.21 Myrna N Yarbrough 43 Karol R Welling 43 Kathleen M Greely 44 Karen N Chu 42</p> <p>200 M. MEDLEY R WOMEN 160+</p> <p>SAN DIEGO 2:12.15 99 CAROLINE KRATTLI K PIPES-NEILSEN BARBARA DUNBAR BETH KNIGHT</p> <p>NCMS 2:19.89 Susan Walsh 42 Margie J Springer 43 Heather M Hageman 34 Patricia A Rohner 45</p> <p>WCM 2:19.89 Patty Landers 48 Leiann Crittenden 48 Caren McNamara 44 Suzann Heim-Bowen 46</p> <p>VMST 2:21.13 Debbie K Jaeger 42 Lisa A Bennett 48 Angela V Howsmon 44 Alice W Phillips 39</p> <p>GOLD 2:22.07 Debbie Cavanaugh 46 Amy S Diebler 28 Peggy H McDonnell 49 Celia C Devanney 47</p> <p>SPM 2:28.37 Melissa Varlas 31 Livia Zien 38 Tricia Moses 45 Sharon Salzman 46</p> <p>MELO 2:29.13 Julie Applewhite 42 Jane Stites 47 Tasha Capen 38 Jana Matena 42</p> <p>PAFC 2:29.63 Caroline F Stein 34 Barbara B Burke 43 Terri Cecatiello 45</p>
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2003-2004 Long-Course Meters - Top-Ten Relays

Janice A Lukasik 46	JACKIE MARR	SHIRLEY CAZALET	Ann M Schnieders 44
PIMM 2:31.55	CAROLINE KRATTLI	LAURA VAL	Susan L Meyers 62
Mary Parham 42	K PIPES-NEILSEN	PNA 2:11.30	SWIM KENTUCKY 2:51.04
Martha J Joye 46	JENI BUYS	Lisa A Dahl 43	Melinda Schmitt 46
Sarah Brown 30	MOST 5:55.55	Sarah Welch 57	A Wright-Belknap 54
Donna Altman 46	Tiitta Elias 37	Kathrine J Casey 56	Debbie Utz 51
SWIM KENTUCKY 2:32.39	Susan Ingraham 45	Debbie A Glassman 51	Wendy Medley 50
Amy Pope 44	Ashley Rosilier 34	ISF 2:12.29	MCM 2:51.86
Caroline Donnelly 42	Julie Eakle 44	Karlen Trebesiner 51	Kathy Boyer 50
Pam Martin 47	MID-CITIES MAST 6:24.59	C Gettelfinger 47	Alison Davies 57
Pamela Luebbe 41	Dana Smith 41	Susan L Meyers 62	Nancy Wendell 40
RHMS 2:34.57	Ann Carson 43	Ann M Schnieders 44	Jane Birkhead 64
Anne Shaver 42	Nancy Wendell 40	GAJA 2:15.14	VMST 2:58.48
Cokie Lepinski 45	Lydia Grace 45	Cece E Carlton 49	Rebecca L Miller 25
Diane Ursin 41	MVN 7:01.21	Carol U Pakchar 49	Nancy R Miller 55
Josie Volker 40	Suzanne Sladek 40	Skippy Mattson 51	Susan E Marens 62
400 M. FREE REL WOMEN 160+	Gwen Uthus 50	F S Williamson 56	Ida M Hlavacek 62
SAN DIEGO 4:23.44 01	Jennifer Fant 30	VMST 2:21.85	MVN 3:08.20
K PIPES-NEILSEN	Merci Jensen 53	Terry Sue M Gault 54	Gwen Uthus 50
JACKIE MARR	SWIM KENTUCKY 7:02.36	Angela V Howsmon 44	M Williams-Dalgar 37
JENI BUYS	Teresa Walther 45	Nancy R Miller 55	Bonnie Kotzbach 60
CAROLINE KRATTLI	Susan Ehringer 36	Kitten Braaten 49	Merci Jensen 53
WCM 4:43.02	Diane Bellafronto 57	SWIM KENTUCKY 2:29.45	SWIM KENTUCKY 3:08.65
Patty Landers 48	Nicole Swan 35	Melinda Schmitt 46	Amy Jordan 45
Leiann Crittenden 48	SWIM KENTUCKY 7:36.52	Wendy Medley 50	Anne Huntington 56
Caren McNamara 44	Tracy Elton 55	A Wright-Belknap 54	Teresa Walther 45
Marcie Holmes 23	Meg Smath 48	Debbie Utz 51	Diane Bellafronto 57
MELO 4:45.12	Janice Kregor 48	GAJA 2:30.51	PIMM 3:19.43
Julie Applewhite 42	Robin Segnitz 37	Pamela E Sharpe 51	Sissy Kinghorn 55
Jana Matena 42	TEAM RIDGLEA 8:03.21	Condit Lotz 56	Jane Frederick 45
Tasha Capen 38	Tori Adams 46	Kim A Hurst 35	Kristy Wood 52
Jane Stites 47	Debra Denke 44	Sandy Skarsaune 61	Victoria Tracy 48
GOLD COAST 4:45.26	Aja James 45	MCM 2:30.67	400 M. FREE REL WOMEN 200+
Brigit Lohberg 39	Paula Willoughby 50	Jane Birkhead 64	SAN DIEGO 4:47.12 03
Debbie Cavanaugh 46	800 M. FREE REL WOMEN 160+	Kathy Boyer 50	BETSY JORDAN
Celia C Devanney 47	SAN DIEGO 9:57.27 98	Alison Davies 57	CAROLINE KRATTLI
Amy Diebler 28	BARBARA DUNBAR	Nancy Wendell 40	K PIPES-NEILSEN
RHMS 5:11.13	MARILYN FINK	NCMS 2:43.04	BARBARA DUNBAR
Diane Ursin 41	CAROLINE KRATTLI	Jeannie Mitchell 58	USF 5:27.27
Betsy Ross 38	BETH KNIGHT	G Van Meeteren 57	Tait Michael 41
Josie Volker 40	MOST 11:33.43	Eugenia Rogers 52	Grendel Burrrell 53
Cokie Lepinski 45	Tiitta Elias 37	Mary R Sansbury 51	Susan Allen 60
TEAM RIDGLEA 5:20.40	Susan Ingraham 45	MVN 2:45.83	Mary Saal 51
Kristin Henderson 44	Ashley Rosilier 34	Susan Gage 39	SMMM 5:33.70
Karen Chichester 47	Julie Eakle 44	Gwen Uthus 50	Cindy Lee 47
Beth Jones 47	MVN 12:08.78	Merci Jensen 53	Nitsa Swain 47
Debra Denke 44	Joy Leutner 46	Bonnie Kotzbach 60	Elizabeth Roepke 64
NOVA 5:24.97	Suzanne Sladek 40	PIMM 2:49.15	Lisa Ryner 47
Tracy White 40	Tami Engel 41	Kit Bruce 47	MVN 5:44.83
Kathryn Hager 48	Lisa Augerson 41	Martha Davis 64	Tami Engel 41
Dana Ryan 46	MID-CITIES MAST 12:17.96	Carolyn Radcliffe 54	Gwen Uthus 50
Sara Frechette 36	Ann Carson 43	Joann Chapman 60	Merci Jensen 53
MELO 5:27.26	Nancy Wendell 40	200 M. MEDLEY R WOMEN 200+	Bonnie Kotzbach 60
Judy Strauss 50	Lydia Grace 45	NEW ENGLAND 2:20.58 04	MOST 6:07.57
Ginger Kiernan 43	Karen Sinor 45	JOEL FELDMANN	Judy Paukert 56
Stephanie Alsberg 30	SWIM KENTUCKY 12:50.01	BARBARA HUMMEL	Julie Eakle 44
Rebecca Pinto 49	Helen Glish 43	JACKI HIRSTY	Jan Miller 54
SWIM KENTUCKY 5:36.35	Michelle Ward 36	LEIGH ROYDEN	Chris Mayhew 51
Leslie Enander 43	Leslie Enander 43	NEM 2:20.58	WMAC 8:13.49
Caroline Donnelly 42	Pamela Haeberlin 41	Joel T Feldmann 53	Nina Wagner 29
Pamela Haeberlin 41	TEAM RIDGLEA 13:06.94	Barbara R Hummel 52	Jeanne Seidler 58
Valerie Davison 42	Tori Adams 46	Jacki Hirsty 52	Dorothy Rose 59
PLANO WETCATS 6:13.13	Cameron Brown 44	Leigh Wiki Royden 49	Betty Lorenzi 77
Linda Swanburg 53	Karen Chichester 47	GAJA 2:30.73	400 M. MEDLEY R WOMEN 200+
Amy Held 39	Debra Denke 44	Carol U Pakchar 49	SAN DIEGO 5:13.65 03
Elaine Disney 41	MVN 13:25.03	Skippy Mattson 51	BETSY JORDAN
Lynn Silver 52	Connie Barrett 35	F S Williamson 56	CAROLINE KRATTLI
NOVA 7:16.99	Susan Gage 39	Cece E Carlton 49	K PIPES-NEILSEN
Jennifer Ball 45	Merci Jensen 53	NCMS 2:31.59	BARBARA DUNBAR
Annie Pedron 39	M Williams-Dalgar 37	Robin H Batchelor 47	PLANO WETCATS 7:09.47
Alison Smith 48	200 M. FREE REL WOMEN 200+	Sally Newell 67	Lynn Silver 52
Michelle Staffan 46	TAMALPAIS 2:06.52 01	Beverly O Amick 50	Shelly Whitlock 65
400 M. MEDLEY R WOMEN 160+	SUSAN ROY-JONES	Pat Sargeant 51	Linda Swanburg 53
SAN DIEGO 4:56.33 01	NANCY RIDOUT	ISF 2:34.46	Michelle Heil 34
		Karlen Trebesiner 51	
		C Gettelfinger 47	

2003-2004 Long-Course Meters - Top-Ten Relays

<p>MOST 7:11.67 Judy Paukert 56 Julie Eakle 44 Jan Miller 54 Chris Mayhew 51</p> <p>SWIM KENTUCKY 7:20.67 Mary Jane Mullins 73 Wendy Medley 50 Pamela Haeblerlin 41 Leslie Enander 43</p> <p>FACT 7:25.35 Christina Kelly 50 Buffy Price 48 Karen Gardner 58 Jean Tsagaris 46</p> <p>800 M. FREE REL WOMEN 200+</p> <p>SAN DIEGO 10:19.41 03 BETSY JORDAN CAROLINE KRATTLI K PIPES-NEILSEN BARBARA DUNBAR</p> <p>SWIM KENTUCKY 16:34.31 Diane Bellafronto 57 Denise Furnish 56 Anne Huntington 56 Linda Hubbuch 59</p> <p>200 M. FREE REL WOMEN 240+</p> <p>DC MASTERS 2:18.70 98 BARBARA FRID JOANN LEILICH BARBARA ZAREMSKI JAYNE BRUNER</p> <p>VMST 2:21.40 Beth Schreiner 63 Barbara Zaremski 67 Joann Leilich 65 Lisa A Bennett 48</p> <p>VMST 2:40.00 Beth Waters 47 Betsy Durrant 63 Ida M Hlavacek 62 Johnnie Detrick 69</p> <p>FMM 2:40.89 Patricia Tullman 67 Margaret T Homans 72 Jean D Troy 77 Holly A Vaughn 43</p> <p>FACT 2:49.06 Meegan J Wilson 56 Martha Henderson 68 Jean M Sterling 68 Marianne Bradley 61</p> <p>ES 3:11.64 Diane Lepler 61 Ellen H Hall 53 Patricia F Arnold 65 Barbara M Bower 66</p> <p>IM 3:24.44 Mary M Pohlmann 59 Hannelore Snyder 74 Ann B Stevens 71 Clarice M Rossi 67</p> <p>HHAC 3:24.65 Jane H Ludick 59 Barbara Eisele 74 Nana Whalen 67 Jenifer Gajdalo 62</p> <p>MID-CITIES MAST 3:27.84 Kathy Boyer 50 Francesca Carr 54 Jane Birkhead 64 Dorothy Kolbaba 72</p> <p>WCM 3:29.17 Joyce M Haworth 67</p>	<p>Stephanie I Scott 57 Jae Howell 82 Joan E Alexander 72</p> <p>SLOM 3:50.65 Susan Carpenter 65 Constance Deam 72 Ruth Bostrom 73 May Coors 56</p> <p>200 M. MEDLEY R WOMEN 240+</p> <p>DC MASTERS 2:37.68 98 BARBARA FRID JOANN LEILICH JAYNE BRUNER BARBARA ZAREMSKI</p> <p>VMST 2:40.96 Betsy Durrant 63 Joann Leilich 65 Terry Sue M Gault 54 Beth Schreiner 63</p> <p>VMST 2:59.92 Lucille Griffin 66 Johnnie Detrick 69 Kitten Braaten 49 Barbara Zaremski 67</p> <p>FMM 3:08.26 Margaret T Homans 72 Holly A Vaughn 43 Pat C Bayers 50 Jean D Troy 77</p> <p>WCM 3:34.42 Bonnie Murphy 55 Phyllis Crockett 78 Martha Alexander 55 Jae Howell 82</p> <p>USF 3:38.65 Tanako Hagiwara 66 Susan Allen 60 Lauren Chaitkin 60 Sunny Blende 54</p> <p>ES 3:38.95 Barbara Bower 66 Patricia F Arnold 65 Cecile Many 50 Diane B Lepler 61</p> <p>SPM 3:41.86 Storm Eddy 54 Sandy Steer 65 Anne Page 56 Kate Knight-Perry 69</p> <p>MID-CITIES MAST 4:30.45 Kathy Boyer 50 Francesca Carr 54 Jane Birkhead 64 Dorothy Kolbaba 72</p> <p>SLOM 4:36.64 Susan Carpenter 65 Ruth Bostrom 73 May Coors 56 Constance Deam 72</p> <p>400 M. FREE REL WOMEN 240+</p> <p>DC MASTERS 5:23.71 99 BARBARA ZAREMSKI JAYNE BRUNER BETH SCHREINER BARBARA FRID</p> <p>USF 9:15.44 Janet Bensus 72 Polly Rose 62 Tanako Hagiwara 66 Emma Huckabay 49</p> <p>400 M. MEDLEY R WOMEN 240+</p> <p>DC MASTERS 6:07.87 00</p>	<p>BARBARA FRID JOANN LEILICH JAYNE BRUNER BETH SCHREINER</p> <p>NO RELAYS</p> <p>800 M. FREE REL WOMEN 240+</p> <p>DC MASTERS 12:34.38 00 JAYNE BRUNER BETH SCHREINER JOANN LEILICH RUTH BENNETT</p> <p>MID-CITIES MAST 18:14.60 Kathy Boyer 50 Francesca Carr 54 Jane Birkhead 64 Dorothy Kolbaba 72</p> <p>200 M. FREE REL WOMEN 280+</p> <p>NEW ENGLAND 2:38.52 96 CLARA WALKER BILLIE BURRILL PETEY SMITH DIANE REED</p> <p>ARIZ 2:58.39 Sally A Bolar 65 Edie Gruender 76 Helen H Bayly 67 Nancy Kinney 75</p> <p>NCMS 3:30.93 Sally Newell 67 Pat Dockendorf 77 Sandra L Kremer 68 S Robbins-Bonitz 71</p> <p>FACT 3:38.07 Sylvia Eisele 75 Joan K Campbell 74 Alyce M Vogel 72 Nancy N Durstein 75</p> <p>MICH 3:49.05 Mary F Williams 73 Edith S Glusac 86 Laura J Gogola 68 Lois Kivi Nochman 80</p> <p>200 M. MEDLEY R WOMEN 280+</p> <p>ARIZONA 3:15.39 04 NANCY KINNEY CAROL TAYLOR SALLY BOLAR EDIE GRUENDER</p> <p>ARIZ 3:15.39 Edie Gruender 76 Nancy Kinney 75 Carol Taylor 75 Sally Bolar 65</p> <p>NCMS 3:55.60 S Robbins-Bonitz 71 Pat Dockendorf 77 Alice U Jones 66 Sandra L Kremer 68</p> <p>WCM 4:03.29 Jean Duncan 72 Ann Hirsch 73 Sally Morner 68 Joyce Haworth 67</p> <p>SMMM 4:49.95 Asako Maningo 79 Gloria Stupfel 78 Miek Mc Cubbin 69 Ann Lambertson 74</p> <p>400 M. FREE REL WOMEN 280+</p> <p>SAN DIEGO 6:38.60 04</p>	<p>BETSY JORDAN ANDRIENNE PIPES DIANA SILVA JEANNE LITTLE</p> <p>SDSM 6:38.60 Betsy Jordan 67 Adrienne Pipes 70 Diana Silva 82 Jeanne Little 67</p> <p>WCM 7:50.78 Jean Duncan 72 Ann Hirsch 73 Sally Morner 68 Joyce Haworth 67</p> <p>SMMM 8:40.82 Gloria Stupfel 78 Ann Lambertson 74 Miek Mc Cubbin 69 Asako Maningo 79</p> <p>400 M. MEDLEY R WOMEN 280+</p> <p>SAN DIEGO 7:53.74 04 BETSY JORDAN ANDRIENNE PIPES LYNNE LUND DIANA SILVA</p> <p>SDSM 7:53.74 Betsy Jordan 67 Adrienne Pipes 70 Lynne Lund 64 Diana Silva 82</p> <p>WCM 8:04.95 Jean Duncan 72 Ann Hirsch 73 Joan Alexander 72 Donna Monroe 71</p> <p>MICHIGAN 8:50.98 Edith Glusac 86 Sally Guthrie 54 Lois Nochman 80 Laura Gogola 68</p> <p>FMM 9:28.01 Gladys Olsen 78 Rosie Vijil 70 Doris Prokopi 69 Jean Troy 77</p> <p>800 M. FREE REL WOMEN 280+</p> <p>SAN DIEGO 14:45.02 04 DIANA SILVA BETSY JORDAN ADRIENNE PIPES JEANNE LITTLE</p> <p>SDSM 14:45.02 Diana Silva 82 Betsy Jordan 67 Adrienne Pipes 70 Jeanne Little 67</p> <p>200 M. FREE REL WOMEN 320+</p> <p>FLA MAVERICK 3:46.42 02 KAY SCHIMPF GERTRUD ZINT JUNE REYNOLDS FLORENCE CARR</p> <p>NO RELAYS</p> <p>200 M. MEDLEY R WOMEN 320+</p> <p>WALNUT CREEK 4:19.11 98 SALLY JOY JAE HOWELL JEAN DURSTON MARY JANE REEVE</p> <p>NO RELAYS</p>
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2003-2004 Long-Course Meters - Top-Ten Relays

<p>400 M. FREE REL WOMEN 320+</p> <hr/> <p>FMM 8:57.69 02</p> <p>KAY SCHIMPF PEGGY HUGHES JUNE REYNOLDS FLORENCE CARR</p> <p>NO RELAYS</p> <p>400 M. MEDLEY R WOMEN 320+</p> <hr/> <p>FMM 10:19.75 02</p> <p>PEGGY HUGHES JUNE REYNOLDS JEAN TROY KAY SCHIMPF</p> <p>NO RELAYS</p> <p>800 M. FREE REL WOMEN 320+</p> <hr/> <p>FMM 19:29.28 02</p> <p>KAY SCHIMPF PEGGY HUGHES JUNE REYNOLDS FLORENCE CARR</p> <p>NO RELAYS</p> <p style="text-align: center;"><u>MEN'S RELAYS</u></p> <hr/> <p>200 M. FREE REL MEN 76+</p> <hr/> <p>OLYMPIC CLUB 1:41.14 93</p> <p>GARY ANTONICK ERIC TARBELL STEPHEN GOTH JIM MURRAY</p> <p>MID-CITIES MAST 2:03.30</p> <p>Hugo Serrato 33 Patrick Pottinger 20 Terry Mosher 19 Jason Walter 27</p> <p>SWIM KENTUCKY 2:05.30</p> <p>P Falcone-Cardena 21 C Ciliberto 26 Aaron Terry 26 Jose Manuel Nieto 24</p> <p>200 M. MEDLEY R MEN 76+</p> <hr/> <p>OLYMPIC CLUB 1:49.35 95</p> <p>MIKE COLLEY JAMIE PATRICK BRAD BUDNEY GREG LARSON</p> <p>DAM 1:59.49</p> <p>Matt Roper 23 Andy Nonaka 25 Zeb Lemke 24 Curtis Brennan 26</p> <p>CSPF 2:03.36</p> <p>Chris Raimondi 21 Kevin Doe 21 Tyler Westover 19 S Yoo 19</p> <p>ES 2:04.27</p> <p>James D Mize 24 Mathew L Rucker 23 Jared Bordes 21 Kevin B Jordan 29</p> <p>NOVA 2:05.02</p> <p>Andrew Crowell 20 Andrew Priest 26 Keith Ryan 20 Cub Campbell 30</p> <p>MID-CITIES MAST 2:13.80</p> <p>Jeffrey Pardee 19</p>	<p>Charles Boatner 28 Terry Mosher 19 Jason Walter 27</p> <p>400 M. FREE REL MEN 76+</p> <hr/> <p>GREATER INDIANA 3:42.66 99</p> <p>BEN CHRISTOFFEL GRANT COMER DENNIS PETTE ADAM DAWKINS</p> <p>DAM 3:53.83</p> <p>Matt Roper 23 Zeb Lemke 24 Curtis Brennan 26 Andy Nonaka 25</p> <p>WISC 3:53.97</p> <p>Kyle Rausch 29 John Batty 21 Aaron Milberger 23 Kevin Ballweg 19</p> <p>CSPF 4:04.76</p> <p>Tyler Westover 19 Aram Yoo 19 Chris Raimondi 21 Kevin Doe 21</p> <p>GOLD COAST 4:42.47</p> <p>Nick Chow 21 Patrick McFadden 24 Sean Devanney 22 Eduardo Rios 30</p> <p>400 M. MEDLEY R MEN 76+</p> <hr/> <p>GREATER INDIANA 4:11.46 99</p> <p>DENNIS PETTE BEN CHRISTOFFEL GRANT COMER ADAM DAWKINS</p> <p>LBG 5:19.41</p> <p>Drew Giacobe 30 Charles Sandlin 21 Enrique Ochoa 22 Kevin Clark 26</p> <p>800 M. FREE REL MEN 76+</p> <hr/> <p>GREATER INDIANA 8:28.72 99</p> <p>GRANT COMER DENNIS PETTE GEORGE LATHROP ADAM DAWKINS</p> <p>SWIM KENTUCKY 9:51.25</p> <p>Daniel Burford 20 Chris Tingley 22 Conrad Rodas 23 Nils Lofgren 25</p> <p>200 M. FREE REL MEN 100+</p> <hr/> <p>HOUSTONIAN CLUB 1:36.15 90</p> <p>JAMES PRUNGLE STUART KNOWLES JEFF FREY JOHN SMITH</p> <p>NCMS 1:42.28</p> <p>Matt G Allen 28 Erik C Crankshaw 32 Jonathan C Gellin 24 Todd M DeSorbo 27</p> <p>NOVA 1:50.06</p> <p>Andrew Crowell 20 Andrew Priest 26 Keith Ryan 20 Michael Collins 38</p> <p>MVN 1:57.31</p> <p>Dane Grace 25 Dustin Raddatz 25</p>	<p>Nicholas O'Hare 27 Richard Elder 29</p> <p>LBG 1:58.25</p> <p>Enrique Ochoa 22 Peder Larsen 34 Brian Kremers 31 Kevin Clark 26</p> <p>SWIM KENTUCKY 1:58.86</p> <p>Chris Tingley 22 Paul Graves 21 Mitchell Reinhart 23 Barry Whaley 45</p> <p>MID-CITIES MAST 1:58.90</p> <p>Dak Lyons 35 Adam Sagarwala 25 Frank Schaubhut 25 Chuck Patterson 34</p> <p>200 M. MEDLEY R MEN 100+</p> <hr/> <p>HOUSTONIAN CLUB 1:48.46 90</p> <p>CLAY BRITT DEAN PUTTERMAN ROBERT KILLEEN JAMES PRINGLE</p> <p>NCMS 1:58.59</p> <p>Todd M DeSorbo 27 Dan Aber 31 Matt G Allen 28 Jonathan C Gellin 24</p> <p>GAJA 2:01.84</p> <p>Andrew E Bate 27 Scott P Finney 29 John M Fennessy 26 Chris M Whelan 34</p> <p>AMS 2:03.54</p> <p>Charles Feller 39 Sean P Coughlin 38 Terence Calhoun 19 Stephen M Winn 20</p> <p>SWIM KENTUCKY 2:08.56</p> <p>Chris Tingley 22 Paul Graves 21 Mitchell Reinhart 23 Jim Luebbe 37</p> <p>SWIM KENTUCKY 2:10.61</p> <p>Brad Schmied 32 P Falcone-Cardena 21 Jose Manuel Nieto 24 C Ciliberto 26</p> <p>SLOM 2:11.53</p> <p>Mario Esola 27 Chris Artac 26 Michael Scarcelli 27 Matt Melcher 27</p> <p>MID-CITIES MAST 2:19.86</p> <p>Dak Lyons 35 Adam Sagarwala 25 Frank Schaubhut 25 Chuck Patterson 34</p> <p>ARIZ 2:22.51</p> <p>Jack Beaver 31 Michael Munson 24 Memo Diaz 28 Matt Reum 24</p> <p>MVN 2:24.78</p> <p>Michael Kolarov 32 Alex Alvarado 22 Nicholas O'Hare 27 Andrew Garcia 32</p> <p>400 M. FREE REL MEN 100+</p> <hr/> <p>SANTA CLARA 3:39.63 94</p> <p>SERGEY MARINIUK JAMES PARRACK MIKE MOORE FRANZ MORTENSEN</p>	<p>NOVA 4:03.11</p> <p>Andrew Crowell 20 Jason Dunham 34 Cub Campbell 30 Keith Ryan 20</p> <p>PLANO WETCATS 4:11.95</p> <p>Aeric Solow 22 George Deines 27 Andy Edmondson 37 Darrell Park 33</p> <p>MVN 4:29.14</p> <p>Dane Grace 25 Dustin Raddatz 25 Nicholas O'Hare 27 Richard Elder 29</p> <p>400 M. MEDLEY R MEN 100+</p> <hr/> <p>NEW ENGLAND 4:12.04 96</p> <p>ROBERT BERRY S VANKUILENBURG EDMUND GENDREAU CHRIS BARRETT</p> <p>PLANO WETCATS 4:39.06</p> <p>Gregory Park 36 Darrell Park 33 George Deines 27 Aeric Solow 22</p> <p>MID-CITIES MAST 5:33.61</p> <p>Dak Lyons 35 Adam Sagarwala 25 Frank Schaubhut 25 Chuck Patterson 34</p> <p>800 M. FREE REL MEN 100+</p> <hr/> <p>SANTA CLARA 8:04.17 94</p> <p>SERGEY MARINIUK FRANZ MORTENSEN JAMES PARRACK MIKE MOORE</p> <p>SWIM KENTUCKY 8:48.86</p> <p>Jerrold Kappler 27 Craig Pickering 26 Jeremy McGrew 31 Jose Manuel Nieto 24</p> <p>NOVA 9:17.69</p> <p>Andrew Crowell 20 Andrew Priest 26 Keith Ryan 20 Michael Collins 38</p> <p>LBG 9:38.41</p> <p>Peder Larsen 34 Enrique Ochoa 22 Brian Kremers 31 Drew Giacobe 30</p> <p>MID-CITIES MAST 11:00.74</p> <p>Kirby Marshall 19 Dak Lyons 35 Frank Schaubhut 25 Chuck Patterson 34</p> <p>LBG 11:17.64</p> <p>Kevin Clark 26 Charles Sandlin 21 David Noyes 37 Christophr Lalley 35</p> <p>200 M. FREE REL MEN 120+</p> <hr/> <p>LONE STAR 1:37.43 86</p> <p>DAVID HAGUE TRIP HEDRICK BUCK SMITH JIM MONTGOMERY</p> <p>NCMS 1:39.71</p> <p>Jeff L Murray 35 Henry D Stewart 41 Andrew J Farrell 34</p>
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2003-2004 Long-Course Meters - Top-Ten Relays

Razvan D Petcu	31	Steve Wood	44	Chris Artac	26	Mark A Calvert	45
TEAM RIDGLEA	1:46.15	PAFC	2:01.30	NOVA	4:30.59	Brian S Starford	41
Harris Masterson	22	Eric A Mojock	24	William Wherritt	38	Thomas G Bliss	50
Steve Wood	44	Alan P O'Connor	31	Pete Barbrick	41	NOVA	1:47.55
Marcin Wedlarski	33	Brian M Furlong	27	Amine Britel	35	Tim Shumate	43
Rob Mulqueen	44	Jay R Platt	57	Michael Collins	38	Paul Carter	47
SWIM KENTUCKY	1:48.39	SCAM	2:04.66	400 M. MEDLEY R	MEN 120+	Jason Dunham	34
Jerrod Kappler	27	Soheil Hamzehpour	24	THE OLYMPIC CLB	4:04.49 94	William Wherritt	38
Robbie Allen	39	Kevin Williams	35	SEAN MURPHY		CLVM	1:48.03
Dale Mercker	37	Eric Johnson	44	STUART CORLISS		Mark A Magee	36
Abraham Solano	35	Rob Harrison	28	DAVID LUNDBERG		Bradley N Boodt	36
SWIM KENTUCKY	1:48.79	UCI	2:07.64	MIKE KECK		R Scott Townsend	51
Paul Widman	31	Todd Jacobsen	40	TEAM RIDGLEA	4:44.17	Keith W Hughes	42
Brad Schmied	32	Magid Ahmadi	32	Harris Masterson	22	AWJ	1:50.39
Brian Maguire	35	Liam Murphy	32	Fritz Rahr	37	David G Eng	46
Scott Dick	33	John Widman	25	Steve Wood	44	Jim Ebert	41
PAFC	1:49.43	SWIM KENTUCKY	2:08.73	Marcin Wedlarski	33	Lorenzo Benucci	37
Brian M Furlong	27	Scott Dick	33	LBG	4:55.30	Mark A Kaiser	41
Alan P O'Connor	31	Glen Jaworski	34	Kurt Murdoch	38	PALM	1:52.04
Eric A Mojock	24	Paul Widman	31	Peder Larsen	34	Peter Hastings	37
Jay R Platt	57	William Polk	35	Brian Kremers	31	David Parler	48
LBG	1:49.71	USF	2:09.67	Michael Kienitz	34	Hugh Wilder	57
Drew Giacobe	30	Arjun Mc Avoy	26	GSM	5:08.66	Steve W Robling	34
Kurt Murdoch	38	Patrick McBride	35	Darek Hahn	37	LBG	1:53.80
Brian Kremers	31	Matt Harrington	33	Tom Haggerty	38	Steve Thomaidis	37
Erik Scollon	33	John Renko	30	Robert S Gannon	39	Thomas Boyd	48
GAJA	1:50.53	400 M. FREE REL	MEN 120+	William Segal	40	David Noyes	37
John M Fennessy	26	SF TSUNAMI	3:46.03 02	SWIM KENTUCKY	5:26.79	Kurt Murdoch	38
Chris M Whelan	34	SCOTT ROBINSON		Brad Schmied	32	200 M. MEDLEY R	MEN 160+
Andrew E Bate	27	STEPHEN MARTEL		William Polk	35	ANCM	1:50.59 00
David W LeClair	37	COREY CARLISLE		Jose Manuel Nieto	23	CLAY BRITT	
VMST	1:51.10	DANIEL VEATCH		David Redinger	31	WALLY DICKS	
Mark A Gill	36	TEAM RIDGLEA	4:05.23	MOVY	5:44.17	JOHN FEINSTEIN	
Charles Cockrell	36	Jim Dunn	37	Kevin Briggs	37	MICHAEL FELL	
Eric C Cornell	34	Harris Masterson	22	Dan Melton	24	NEM	1:54.30
Lang H Meem	50	Rob Mulqueen	44	Derek McCracken	37	Michael Ross	36
ES	1:52.17	Steve Wood	44	David Livingston	36	Daniel J Rogacki	57
Ross Mc Clave	30	USF	4:10.72	800 M. FREE REL	MEN 120+	Jeremy Gross	33
Kevin B Jordan	29	Arjun Mc Avoy	26	SF TSUNAMI	8:13.69 02	Stuart I Cromarty	40
William Riehm	34	Patrick McBride	35	COREY CARLISLE		NCMS	1:55.03
Alexander P Heck	41	Matt Harrington	33	GEOFFREY GLASER		Fritz E Lehman	46
PLANO WETCATS	1:53.20	John Renko	30	SCOTT ROBINSON		Todd Dimsdale	47
Joe Palmer	39	MVN	4:11.99	DANIEL VEATCH		Henry D Stewart	41
Tinjin Chang	35	Andrew Garcia	32	NO RELAYS		Jonathan E Klein	47
Gregory Park	36	Michael Kolarov	32	200 M. FREE REL	MEN 160+	NOVA	1:56.84
Paul Robinson	37	Steve Steed	33	HOLMES	1:39.27 90	Tord E Benner	45
200 M. MEDLEY R	MEN 120+	Steven Litchfield	35	JAMES LILLEY		G Von Hoffmann	48
ANCM	1:48.75 02	UCI	4:12.90	C MILTENBERGER		Frank A Wasko	44
CLAY BRITT		John Wingender	25	RICHARD ABRAHAMS		Jim M Phalan	29
WALLY DICKS		Todd Jacobsen	40	TIMOTHY GARTON		GAJA	1:57.11
JEFFREY RODDIN		Liam Murphy	32	NEM	1:40.89	Bob H Bugg	47
MICHAEL FELL		Magid Ahmadi	32	Michael Ross	36	Chris J Weissman	42
NCMS	1:54.12	LBG	4:19.35	Jeremy Gross	33	Mike D Reid	43
Erik C Crankshaw	32	Peder Larsen	34	Stuart I Cromarty	40	John A Fields	48
Peter F Zsoldos	46	Michael Kienitz	34	Steve Meltz	51	AWJ	2:02.44
Razvan D Petcu	31	Brian Kremers	31	IM	1:44.48	Jim Ebert	41
Andrew J Farrell	34	Drew Giacobe	30	Dave Gibson	44	Lorenzo Benucci	37
PLANO WETCATS	1:57.65	MVM	4:20.74	Bob Young	40	David G Eng	46
Matthew Heil	35	Kurt Scheinpflug	33	Thomas J Mc Cabe	47	Mark A Kaiser	41
Darrell Park	33	Nathan Burnside	26	Matt C Keller	35	MELO	2:05.70
Joe Palmer	39	Florent Haik	28	GAJA	1:44.52	Philip Arcuni	46
Gregory Park	36	Paul Cousineau	33	Bob H Bugg	47	Mike Perkins	33
RMM	1:58.76	PLANO WETCATS	4:25.11	Brian L Pakkala	42	Al Humphrey	45
Daniel E Thomas	21	Joe Palmer	39	Chris J Weissman	42	Peter Shepherd	38
Travis L Mabry	26	Matthew Heil	35	NCMS	1:45.00	BMW	2:06.50
Christopher Nolte	47	Gregory Park	36	Jon W Blank	44	Jason Pettit	30
Richard W Hess	50	Paul Robinson	37	Jonathan E Klein	47	James Fregosi	44
SWIM KENTUCKY	1:59.20	GSM	4:26.20	Todd Dimsdale	47	Robert Kim	44
Abraham Solano	35	Robert S Gannon	39	Fritz E Lehman	46	Brian Skuse	48
Dale Mercker	37	Tom Haggerty	38	FACT	1:47.27	VMST	2:07.29
Nils Lofgren	25	Rob Barrish	36	Mark A Drennen	48	Jeffrey Krongaard	50
Jerrod Kappler	27	William Segal	40	SLOM	4:30.22	Charles Cockrell	36
TEAM RIDGLEA	2:00.72	SLOM	4:30.22	Michael Hure	41	Mark A Gill	36
Jim Dunn	37	Michael Hure	41	Patrick Farrar	41	G Tracy Hernlen	51
Harris Masterson	22	Richard O'Neil	42	IM	2:07.73	Aaron Thielen	33
Marcin Wedlarski	33						

2003-2004 Long-Course Meters - Top-Ten Relays

Dave Gibson 44	Chauncey Fagler 44	Michael Kienitz 34	TIM BIRNIE
Thomas J Mc Cabe 47	GOLD COAST 4:55.59	MVN 10:39.02	ROBERT STRAND
Bob Young 40	Bill Korey 41	Abel Tong 40	RICHARD BASSI
CLVM 2:10.42	Ricardo Valdivia 40	Terry Tongate 44	JAMES ELDER
Adam Nisenbaum 27	Lars Ferron 49	Mark Hammer 44	FACT 2:02.49
Galen D Denio 57	Tim Erickson 48	Richard Carlsen 45	David S Hefner 50
Sabri Ozun 41	WCM 4:56.09	MICHIGAN 10:57.53	Rick B Walker 54
Keith W Hughes 42	Brendon Wem 35	Thomas Schardt 37	John T McCall 53
400 M. FREE REL MEN 160+	Peter Guadagni 49	Jason Pacyau 35	Thomas G Bliss 50
SF TSUNAMI 3:52.36 02	Kerry O'Brien 47	Donald Kroeger 61	GAJA 2:07.21
GEOFFREY GLASER	Kenneth Halbrecht 44	Frank Thompson 53	Bob E Couch 57
BRIAN FITZGIBBONS	GOLD COAST 4:57.73	LBG 12:59.47	David C Ellwanger 50
BART MCDERMOTT	Jim Harper 37	Eric Grubb 40	Robert V Brown 52
TODD OAKES	Sean Frampton 38	Steven Richards 40	Clayton Angell 47
MELO 4:07.60	Jonathan Olsen 41	Joe Iacononi 39	PALM 2:08.25
Mike Perkins 33	Steven Leidner 49	Howard Ferguson 50	Hugh Wilder 57
Philip Arcuni 46	MVN 4:58.73	200 M. FREE REL MEN 200+	David Parler 48
Al Humphrey 45	Steve Steed 33	OLYMPIC CLUB 1:45.19 97	Joe Shake 46
Tim Sheeper 41	Brian Goodell 45	STEVE CLARK	Trenholm Walker 51
NOVA 4:10.26	Lincoln Djang 45	ROBERT STRAND	SDSM 2:09.29
Tord Benner 45	Jerry Leutner 40	TIM BIRNIE	Gerald Livingston 46
Thomas Wagner 42	SWIM KENTUCKY 4:58.97	JAMES ELDER	Chris Dixon 47
Tim Shumate 43	Michael Johann 42	FACT 1:50.08	Mike Freshley 63
Paul Carter 47	John Voorhees 46	David S Hefner 50	James Ney 46
LBG 4:29.12	Norman Schippert 41	Timothy J Carroll 53	NCMS 2:09.90
Steve Thomaidis 37	Robert Holmes 42	Robert W Nagle 53	Hill Carrow 49
Kurt Murdoch 38	LBG 4:59.07	Carl W Hawkins 52	Donald Gilchrist 50
David Noyes 37	Scott Junk 43	NCMS 1:52.38	George L Coxhead 52
Thomas Boyd 48	Joe Iacononi 39	Hill Carrow 49	Robert Schmitz 52
MVM 4:35.03	Howard Ferguson 50	George L Coxhead 52	PCAT 2:12.99
Emeric McDonald 42	David Noyes 37	Donald Gilchrist 50	Tom Wolf 50
Scott Lanterman 39	MID-CITIES MAST 5:20.85	Robert Schmitz 52	Xiaohang Peng 45
Vladimir Ivan 57	Robert Carter 41	NEM 1:53.88	Michael Fox 55
Chris Campbell 43	Patrick Allen 45	Homer W Lane 55	David Young 55
WMAC 4:37.23	Brent Bunnell 41	Daniel J Rogacki 57	ARIZ 2:13.38
David Severance 42	Chris Osburn 41	Paul W Fuller 51	Scott Shake 46
Curtis Paulsen 45	TEAM RIDGLEA 5:25.13	Rick A Battistini 50	Jim Stites 47
Mark Kaczmarek 48	Tad Chichester 47	VMST 1:55.94	Robert Di Tolla 50
Bradley Hext 35	Rob Mulqueen 44	G Tracy Hernlen 51	Hop Bailey 57
SMMM 4:39.19	John Sholl 38	Gennard T Lanzara 46	RHMS 2:14.14
Thomas Huggins 41	Todd Witherington 32	Jim W Miller 54	Eric Van Boer 50
Steve Singer 52	LBG 5:28.67	Jeffrey Krongaard 50	Don Davis 60
Kiko Aumond 35	Jim Shaughnessy 44	ARIZ 1:57.93	Bill Adkison 49
Daniel Kenny 47	Bill Butler 48	Kimball Bernard 60	George Viguie 60
TEAM RIDGLEA 4:42.89	Thomas Boyd 48	Gregory J Dozer 47	ARIZ 2:14.16
Fritz Rahr 37	Christophr Lalley 35	Ron D Joost 48	Robert Beardsley 46
John Sholl 38	800 M. FREE REL MEN 160+	Robert Beardsley 46	Kimball Bernard 60
Tad Chichester 47	VCM 8:26.24 02	GAJA 2:00.36	Jan Lorant 42
Dennis Light 50	MIKE SHAFFER	Patrick Laughlin 50	Jack Salvatore 54
LBG 4:58.44	TIM HEDRICK	Andy R Dyer 46	NOVA 2:17.15
Jim Shaughnessy 44	MARK CLEAVENGER	Edward M Saltzman 54	Mark McCartin 50
Scott Junk 43	JIM MCCONICA	Tim B Vanderwood 52	G Von Huffman 48
Matthew Dillon 35	GSC 9:40.10	FACT 2:02.09	Michael Suttle 51
Howard Ferguson 50	Thomas Dykstra 36	Michael J Ruelf 51	Eric Schmitt 54
USF 4:59.64	Chauncey Fagler 44	John T McCall 53	400 M. FREE REL MEN 200+
Jack Ewing 44	Leandro Britto 40	Victor B Buehler 50	LOS ALTOS 4:05.72 94
John Rowen 36	Jeff Perout 51	Bill Pillmore 56	DAVE GRAY
Robert Bhisitkul 42	MVN 9:44.80	NOVA 2:03.42	ED CAZALET
Guy Vaillancourt 57	Kevin Weissman 42	Mark McCartin 50	DICK JAMES
MVN 5:03.01	Jerry Leutner 40	Allen Todd 55	BOB PROEBSTING
Kelly Capps 47	Brian Goodell 45	Craig Taylor 51	STAN 4:07.69
Jeff Hollenbeck 39	Lincoln Djang 45	Eric Schmitt 54	K Shilling 47
Brian Hopp 46	TEAM RIDGLEA 10:13.02	MVN 2:06.97	Tim Broderick 53
Kevin Weissman 42	Chuck Burr 47	Patrick Dwyer 54	Tim Mulcahy 50
400 M. MEDLEY R MEN 160+	Tad Chichester 47	Chris Downey 53	H Coye 50
UCI 4:20.09 03	Rob Mulqueen 44	Brian Hopp 46	RHMS 4:23.02
SEAN PARKER	Steve Wood 44	Kelly Capps 47	Eric Van Boer 50
JOHN TEMPLIN	MID-CITIES MAST 10:19.76	PIMM 2:09.26	Don Davis 60
DAN SULLIVAN	Robert Carter 41	Charles S Graber 59	George Viguie 60
BERT BERGEN	Toby Bane 41	John W Harris 52	Bill Adkison 49
GSC 4:50.14	Brent Bunnell 41	Timothy Wood 54	GOLD COAST 4:30.61
Jeff Perout 51	Chris Osburn 41	Stephen Cheney 55	John Grzeszczak 46
Leandro Britto 40	LBG 10:22.07	200 M. MEDLEY R MEN 200+	Craig Burns 52
Thomas Dykstra 36	Kurt Murdoch 38	OLYMPIC CLUB 1:58.50 94	Geir Ingolfsrud 61
	Thomas Boyd 48		Tim Erickson 48
	Jim Shaughnessy 44		UCI 4:42.68

2003-2004 Long-Course Meters - Top-Ten Relays

Howard Burns	53	Eric Schmitt	54	Frank Kolbaba	73	PLANO WETCATS	5:36.63
Medhat Amr	62	Mark McCartin	50	Hillard Roberts	78	William Crowley	65
Allen Murray	60	SWIM KENTUCKY	10:15.45			Thomas Dillon	63
John Templin	50	Jon Shastid	56	200 M. MEDLEY R	MEN 240+	Jim Gibbs	63
NOVA	4:47.41	Michael Johmann	42			Michael Fox	55
Mark McCartin	50	James Grubbs	50	OREGON	2:06.28 01	MVN	6:10.68
Allen Todd	55	William Tingley	54	ROBERT SMITH		Randall Balt	54
Eric Schmitt	54	TEAM RIDGLEA	11:44.67	ALLEN STARK		Robert Rolph	73
David Hayward	44	Gregory Ingram	56	BERT PETERSEN		Pin Tong	67
GSM	4:47.85	Michael Wright	47	DAVID RADCLIFF		Steve Willment	46
Richard S Wallace	57	Tom Sparks	55	O*H*	2:11.60	SOUTHWEST OHIO	6:17.81
Jerry Katz	66	Dennis Light	50	Yoshi Oyakawa	71	Frank Samoya	78
Arthur Wein	54	PLANO WETCATS	12:37.69	Jack R Groselle	50	Dick Chisholm	70
Bill Reichle	56	Xiaohang Peng	45	Bob Sinsheimer	55	Robert Williams	65
NJC	4:54.43	Ken Pipkin	60	Peter Van Dijk	75	William Learmonth	65
Jim Hafdahl	49	Robert Solow	56	FACT	2:18.91	MID-CITIES MAST	11:05.38
Perry Brown	52	Joe Palmer	39	Carl W Hawkins	52	Barry Goldfarb	46
Tom G Pogue	50	SWIM KENTUCKY	12:48.48	Karl E Wiedemann	66	Frank Kolbaba	73
Paul Windrath	50	Frank Diebold	56	James P Redic	58	Hillard Roberts	78
WCM	4:56.04	Woody Turrentine	56	Mike Stollmeyer	67	Bobby Moore	74
Hector Chao	40	Scott Whittemore	50				
Fred Trask	77	Thomas Finnegan	58	WCM	2:19.28	400 M. MEDLEY R	MEN 240+
Jon Kubokawa	49			Robert W Mayo	71		
Mike Heaney	38	200 M. FREE REL	MEN 240+	Jim E Perilman	65	OREG	4:58.50 01
SOUTHWEST AQUAT	4:59.24			James R De Lacy	58		
John Conley	66	GOLD COAST	1:52.01 03	Ken M Burr	60	ROBERT SMITH	
William Blake	67	CAV CAVANAUGH		GOLD	2:22.67	ALLEN STARK	
Jim Dolan	53	JOEL BURNS		David R Quiggin	60	BERT PETERSEN	
Joseph Murray	45	JERRY GREENBERG		David R McIntyre	67	DAVID RADCLIFF	
PLANO WETCATS	5:04.08	GEORGE SCHMIDT		David H Owen	52	GOLD	5:29.28
Tom Wolf	50	GOLD	1:57.84	Geir Ingolfsrud	61	Scott Woodburn	61
David Young	55	David H Owen	52	NCMS	2:24.43	Gerry G Delong	61
Xiaohang Peng	45	David R McIntyre	67	Ernie Glass	55	Joel Burns	58
Robert Solow	56	Geir Ingolfsrud	61	Milton Gee	67	Doug Buchan	61
400 M. MEDLEY R	MEN 200+	David R Quiggin	60	Bernard T White	61	MOST	6:35.33
THE OLYMPIC CLB	4:38.46 94	FACT	2:08.03	Jerry Clark	67	Gary Kressbach	56
TIM BIRNIE		Bill Rodenfels	62	FACT	2:38.71	J C Wood	58
ROBERT STRAND		Mike Stollmeyer	67	Bill Pillmore	56	Jerry Marchbanks	69
RICHARD BASSI		James P Redic	58	Ron D Davis	63	Henry Half	62
JAMES ELDER		Peter W Nickodem	55	Bill Rodenfels	62	PLANO WETCATS	7:09.45
GSM	5:15.22	NCMS	2:12.38	Charles Kilbourne	65	Jim Gibbs	63
Jack Zakim	59	Ernie Glass	55	NOVA	2:40.78	Ken Pipkin	60
Ed Nessel	59	Milton Gee	67	Everett Smethurst	69	William Crowley	65
Tom Geiman	55	Bernard T White	61	Dan Neyenhuis	60	Thomas Dillon	63
Larry Seidman	57	Joel P Jacobs	68	Henry Greenberg	56	MID-CITIES MAST	13:18.10
TEAM RIDGLEA	5:33.31	NOVA	2:26.92	Fred Anderson	62	John Milburn	54
Tim Carter	49	Everett Smethurst	69	SPM	2:41.40	Bobby Moore	74
Dennis Light	50	Henry Greenberg	56	Peter Betzer	62	Frank Kolbaba	73
David Koslowsky	46	Dan Neyenhuis	60	Teun Van Der Veen	60	Hillard Roberts	78
Tom Sparks	55	Fred Anderson	62	Harold Ferris	74		
PLANO WETCATS	6:09.98	SPM	2:30.96	Bruce Day	54	800 M. FREE REL	MEN 240+
Robert Solow	56	John Cox	69	PIMM	2:56.19		
Michael Fox	55	Teun Van Der Veen	60	David Painter	66	OREGON	9:41.00 03
Xiaohang Peng	45	Peter Betzer	62	Carlos Black	64	TOM LANDIS	
David Young	55	Harold Ferris	74	Stephen Cheney	55	DAVID RADCLIFF	
SWIM KENTUCKY	6:30.35	ARIZ	2:33.50	Gary Ayers	56	BOB BRUCE	
Charles Francke	48	Kimball V Bernard	60	MVN	2:58.67	STEVE JOHNSON	
Larry Hunt	57	Dan F Gruender	75	Robert Rolph	73	MVN	14:40.00
John Graham	59	Dave G Gemmill	57	Pin Tong	67	Pin Tong	67
Thomas Mester	53	Martin R Hahm	63	Kelly Capps	47	Robert Rolph	73
GAJA	6:47.42	PLANO WETCATS	2:34.10	Randall Balt	54	Val Trowbridge	50
George Gfroerer	71	William Crowley	65	400 M. FREE REL	MEN 240+	Paul Divan	53
Gary D Vogin	41	Thomas Dillon	63				
John Zeigler	59	Jim Gibbs	63	GOST	4:23.06 01	200 M. FREE REL	MEN 280+
Jeffrey Tacca	38	Ken Pipkin	60	YOSHI OYAKAWA			
800 M. FREE REL	MEN 200+	MOST	2:43.49	PETER VAN DIJK		O*H*I*O	2:04.50 02
PATRIOT	8:55.55 02	Henry Half	62	JACK GROSELLE		YOSHI OYAKAWA	
LARRY SLOAN		Jerry Marchbanks	69	WCM	5:14.08	PETER VAN DIJK	
DAVID OATES		Steve Smith	59	Jim Perilman	65	JOHN FLORANCE	
JOHN HUDSON		John Holland	56	Ken Burr	60	DAVID QUIGGIN	
ROBERT HANSEN		ES	3:08.97	Sam Schiff	54	NCMS	2:09.77
NOVA	9:17.43	Bill A Jennings	65	Stan Morner	70	Clarke E Mitchell	72
Craig Taylor	51	Virgil L Bernard	72	NOVA	5:28.56	John D Kortheuer	73
Allen Todd	55	Robert S Reimers	61	Dan Neyenhuis	60	Dick N Webber	75
		Dick Bower	74	Everett Smethurst	69	Jerry Clark	67
		MID-CITIES MAST	4:32.63	Henry Greenberg	56	WCM	2:20.72
		John Milburn	54	Fred Anderson	62	William Johnston	86
		Bobby Moore	74			A Emory Haworth	68
						Robert W Mayo	71

2003-2004 Long-Course Meters - Top-Ten Relays

James R De Lacy	58	Alfredo Utrilla	84	LOUIS GIBERSON	Claire A Riccardi	22
GAJA	2:28.65	Robert Spaulding	83	WOODROW BOWERSOCK	Tracey R Siddle	24
Jack Mitchell	77	George Busse	72	NO RELAYS	Robert D Bellamy	23
Irwin W Stolz	75	Leo Silverstein	70	800 M. FREE REL	DAM	2:04.93
George L Gfroerer	71	400 M. MEDLEY R	MEN 280+	MEN 320+	Zeb Lemke	24
David S Eisner	57	S TEXAS	5:58.28 03	COAST MASTERS	Allison Higgins	21
PIMM	3:09.03	GRAHAM JOHNSTON		17:33.86 95	Marissa Wong	26
Morton Palmer	69	CHUCK BALDWIN		JOHN GLENN	Matt Roper	23
Jay C Harbeck	70	BOB BAILIE		ROBERT CHRISTIANS	200 M. MEDLEY R	MIXED 76+
Louis M Ackerman	68	GENE FERGUSON		WALTER PFEIFFER	UNIV SAN FRAN	2:02.31 92
Philip H Neubig	75	NO RELAYS		WOODROW BOWERSOCK	GARY YANG	
200 M. MEDLEY R	MEN 280+	800 M. FREE REL	MEN 280+	NO RELAYS	JANET HAUER	
N CAROLINA	2:22.68 04	S TEXAS	11:01.65 03	200 M. FREE REL	GREG MACKEM	
CLARKE MITCHELL		GRAHAM JOHNSTON		MEN 360+	CYNTHIA HINSHAW	
JOHN KORTHEUER		CHUCK BALDWIN		N CAROLINA	PAFC	2:05.48
RICHARD KITCHELL		GENE FERGUSON		7:38.40 03	Eric A Mojock	24
DICK WEBBER		BOB BAILIE		BOYD CAMPBELL	Brian M Furlong	27
NCMS	2:22.68	NO RELAYS		MARTIN RUTTER	Emily K Mullet	24
Clarke E Mitchell	72	200 M. FREE REL	MEN 320+	JIM SCHERBARTH	Denise M Morales	24
John D Kortheuer	73	OREGON	2:35.01 99	HAROLD HOFFMANN	SWIM KENTUCKY	2:13.49
Richard Kitchell	64	EARL WALTER		NCMS	Chris Tingley	22
Dick N Webber	75	ALLAN DELAY		Boyd C Campbell	Paul Graves	21
WCM	2:39.48	GERALD HUESTIS		Martin L Rutter	Laura Graves	19
Robert Mayo	71	ANDREW HOLDEN		Harold E Hoffman	Ashley Lyons	19
Jim Periltan	65	FACT	2:48.58	James Scherbarth	NOVA	2:14.47
A Emory Haworth	68	John D Corse	80	MIXED RELAYS	Jenn Andrews	25
Fred Trask	77	Robert Sigersmith	80	200 M. FREE REL	Andrew Priest	26
FMM	2:56.41	Rogers B Holmes	83	MIXED 76+	Keith Ryan	20
Paul Hutinger	80	Edwin H Graves	81	UNIV SAN FRAN	Brandy Bounds	23
Aaron Kurtzman	75	SPM	3:41.23	1:48.50 92	GAJA	2:16.18
C E Weatherbee	72	A Ramirez-Miller	80	CYNTHIA HINSHAW	Alexis L Morris	22
Robert S Blake	80	Robert Atwood	84	GARY YANG	James J Witt	23
USF	3:20.11	Abrasha Brainin	82	JANET HAUER	Andrew E Bate	27
William Grohe	71	Richard Avery	81	ANDREW GELLER	Hannah L Goddard	25
Barry Galvin	71	FMM	3:43.00	PAFC	MVN	2:21.75
Daniel Osborne	70	Frank H Tillotson	90	1:50.13	Nicholas O'Hare	27
Richard Schomburg	78	Robert MacDonal	76	Brian M Furlong	Lisa Kramer	19
SMMM	3:29.69	Robert S Blake	80	Denise M Morales	Tiffany Harless	20
Don Stupfel	76	Aaron Kurtzman	75	Eric A Mojock	Dustin Raddatz	25
Steve Singer	52	200 M. MEDLEY R	MEN 320+	Emily K Mullet	MID-CITIES MAST	2:30.94
Robert Cunningham	77	FLA.MAVERICK	3:00.89 03	NOVA	Frank Schaubhut	25
Joe Seliber	79	PAUL HUTINGER		Andrew Crowell	Kelly Kirkpatrick	25
ES	4:10.88	BRUD CLEVELAND		Jenn Andrews	Lauren Allen	19
Dick Bower	74	JOSEPH KURTZMAN		Brandy Bounds	Adam Sagarwala	25
Bill A Jennings	65	ROBERT BLAKE		Keith Ryan	SWIM KENTUCKY	2:32.00
Robert S Reimers	61	FACT	3:41.71	SWIM KENTUCKY	Sarah Beltrame	26
Maurice M Stern	88	Robert Sigersmith	80	Sarah Beltrame	P Falcone-Cardena	21
PIMM	4:39.45	John D Corse	80	Katie O'Brien	Katie Hartigan	24
Jay Harbeck	70	Rogers B Holmes	83	P Falcone-Cardena	Jose Manuel Nieto	24
William Jenkins	70	Edwin H Graves	81	Jose Manuel Nieto	MID-CITIES MAST	2:36.68
Louis Ackerman	68	SPM	4:20.09	CSPF	Kirby Marshall	19
Philip Neubig	75	Robert Atwood	84	Jocelyn Cote	Charles Boatner	28
400 M. FREE REL	MEN 280+	Richard Avery	81	Mya Fong	Karen Marshall	21
WALNUT CREEK	5:24.76 04	Abrasha Brainin	82	Kevin Doe	Jennifer Tengra	23
BILL JOHNSTON		A Ramirez-Miller	80	Chris Raimondi	LBG	3:01.57
EMORY HAWORTH		400 M. FREE REL	MEN 320+	Patrick Briney	Charles Sandlin	21
BOB MAYO		COAST MASTERS	6:12.12 98	Katherine Chou	Yvette Marthell	28
JIM LELACY		BOB CHRISTIANS		Howie Realubit	Enrique Ochoa	22
WCM	5:24.76	LOUIS GIBERSON		Jacqueline Cole	Jana Schuldt	27
Bill Johnston	86	BOB MERRICK		MVN	400 M. FREE REL	MIXED 76+
A Emory Haworth	68	WOODROW BOWERSOCK		2:02.88	OLYMPIC CLUB	4:04.97 95
Robert Mayo	71	NO RELAYS		Nicholas O'Hare	BRAD BUDNEY	
Jim De Lacy	58	400 M. MEDLEY R	MEN 320+	Tiffany Harless	MICHAEL COOLEY	
USF	6:27.36	COAST MASTERS	7:34.79 98	Lisa Kramer	ELAINE WEIGAND	
William Grohe	71	BOB CHRISTIANS		Richard Elder	ALICIA ROWELL	
Richard Schomburg	78	LOUIS GIBERSON		SWIM KENTUCKY	PLANO WETCATS	5:28.99
Daniel Osborne	70	BOB MERRICK		Chris Tingley	Aeric Solow	22
Barry Galvin	71	WOODROW BOWERSOCK		Mitchell Reinhart	Tina Derakhshan	20
SMMM	6:39.17	NO RELAYS		Ashley Lyons	Talyna Nichols	26
Don Stupfel	76	400 M. MEDLEY R	MEN 320+	Kate Kolb	George Deines	27
Joe Seliber	79	COAST MASTERS	7:34.79 98	MID-CITIES MAST	400 M. MEDLEY R	MIXED 76+
Robert Cunningham	77	BOB CHRISTIANS		Michael Beaver	UNIV SAN FRAN	4:36.72 91
Dennis Frank	55	BOB MERRICK		Jennifer Tengra		
GOLD COAST	7:13.99	SSLM	2:04.47	Patrick Pottinger		
		Daniel S Peck	28	Karen Marshall		

2003-2004 Long-Course Meters - Top-Ten Relays

<p>CYNTHIA HINSHAW JOHN DEARBORN DEAN PANZICA JANET HAUER</p> <p>CSPF 5:04.86 Stephanie Yu 22 Kevin Doe 21 Chris Raimondi 21 Mya Fong 20</p> <p>DAM 5:09.69 Matt Roper 23 Andy Nonaka 25 Marissa Wong 26 Allison Higgins 21</p> <p>PLANO WETCATS 5:25.49 Aeric Solow 22 Tina Derakhshan 20 Talya Nichols 26 George Deines 27</p> <p>MID-CITIES MAST 6:00.33 Terry Mosher 19 Kassy Tengra 20 Jeffrey Pardee 19 Nadine Grosse 24</p> <p>800 M. FREE REL MIXED 76+</p> <p>DAVIS AQUATIC 9:13.51 94 DARREN MOUNTS CHRISTINE SCHULTZ ERICA WOODS BRIAN NABETA</p> <p>DAM 9:58.99 Isabel Faria 29 Andy Nonaka 25 Allison Higgins 21 Matt Roper 23</p> <p>200 M. FREE REL MIXED 100+</p> <p>MICHIGAN 1:44.84 96 DYNE BURRELL SUSIE DEVLIN TODD MERCER MICHAEL GREEN</p> <p>NCMS 1:49.07 Razvan D Petcu 31 V Schreiner 25 Heather M Hageman 34 Jonathan C Gellin 24</p> <p>SWIM KENTUCKY 1:53.41 Jerrod Kappler 27 Nils Lofgren 25 Jennifer Kappler 29 Andee Bell 29</p> <p>USF 1:53.61 Ouida Liu 24 Geoff Glaser 40 Iris Nishimoto 23 Grayson Morris 28</p> <p>NOVA 1:58.58 Andrew Priest 26 Fiona Petersen 31 Michele Brown 29 Cub Campbell 30</p> <p>SCMC 2:02.40 Desiree Dibene 24 Greg Mitchell 37 Xan Rogers 21 Jeff Mitchell 35</p> <p>MID-CITIES MAST 2:06.72 Frank Schaubhut 25 Deborah Dupree 32 Lauren Allen 19 Adam Sagarwala 25</p> <p>SWIM KENTUCKY 2:08.13 Katie Hartigan 24 Kathy Beckovich 37</p>	<p>Aaron Terry 26 Brad Schmied 32</p> <p>MVM 2:08.22 Nathan Burnside 26 Jennifer Farris 23 Karla Rees 32 Paul Cousineau 33</p> <p>MVN 2:11.13 Alex Alvarado 22 Jiajia Wang 25 Courtney Dolan 22 Andrew Garcia 32</p> <p>MID-CITIES MAST 2:11.61 Carlos Wiese 43 Susan Janoski 23 Sally Sarles 22 Jason Walter 27</p> <p>200 M. MEDLEY R MIXED 100+</p> <p>HOUSTONIAN CLUB 1:56.50 90 CLAY BRITT L WETZEL-OSBORNE STUART KNOWLES REBECCA WETZEL</p> <p>NCMS 2:05.69 Todd M DeSorbo 27 Jessica Cummings 25 Jonathan C Gellin 24 V M Schreiner 25</p> <p>IM 2:07.86 Zsejke Tusa 26 Erik J Van Etten 26 Aaron Thielen 33 Heidi C Toft 31</p> <p>GAS 2:10.33 Tom L Northcutt 39 Ryan A Johnson 28 Pamela K Splichal 21 Holly F Johnson 28</p> <p>SWIM KENTUCKY 2:10.34 Jerrod Kappler 27 Abraham Solano 35 Amy Robertson 26 Jennifer Kappler 29</p> <p>ES 2:16.14 Ross Mc Clave 30 Jared Bordes 21 Catherine Heusel 35 Tracy O Phillips 29</p> <p>NCMS 2:16.95 Melanie J Deal 24 Filippo M Porco 27 Billy Su 30 Alexis D Keto 26</p> <p>SWIM KENTUCKY 2:22.29 Katie O'Brien 26 C Ciliberto 26 Leslie Weeter 27 Aaron Terry 26</p> <p>SSLM 2:26.16 Robert D Bellamy 23 Emilyn J Chee 23 Tracey R Siddle 24 Dan Brassil 31</p> <p>MID-CITIES MAST 2:29.28 Chuck Patterson 34 Susan Janoski 23 Sally Sarles 22 Jason Walter 27</p> <p>FINS 2:33.55 Patrick M Krueger 34 Kristin Y Foosee 27 Alexandra Wright 19 Jeffrey S Foosee 28</p> <p>400 M. FREE REL MIXED 100+</p>	<p>NEM 4:00.76 01 JESSICA STOKES BRIAN FEHLAU S MOROAWSKI JASON EADDY</p> <p>SWIM KENTUCKY 4:24.29 Lauren Minto 28 Katie O'Brien 26 Jose Manuel Nieto 23 Keith Adams 28</p> <p>SSLM 4:55.65 Daniel S Peck 28 Ion A Beza 46 Claire A Riccardi 22 Emilyn J Chee 23</p> <p>400 M. MEDLEY R MIXED 100+</p> <p>WALNUT CREEK 4:36.14 90 PAM BOSCOVICH JON JAQUES KERRY O'BRIEN PAULA ROEMER</p> <p>MVN 4:51.67 Shannon Packard 21 Jiajia Wang 25 Nicholas O'Hare 27 Richard Elder 29</p> <p>AMS 4:55.02 Deanne Moosman 26 Chris Roy 34 Jonathan Grupp 23 Beth Eldridge 34</p> <p>TEAM RIDGLEA 5:06.28 Diane Drake 25 Harris Masterson 22 Nicole Paquette 23 Marcin Wedlarski 33</p> <p>USF 5:08.22 Ouida Liu 24 Geoff Glaser 40 Iris Nishimoto 23 Grayson Morris 28</p> <p>SSLM 5:15.35 Robert D Bellamy 23 Dan Brassil 31 Evelyn W Kwok 24 Claire A Riccardi 22</p> <p>MVM 5:21.19 Nathan Burnside 26 Karla Rees 32 Paul Cousineau 33 Jennifer Farris 23</p> <p>800 M. FREE REL MIXED 100+</p> <p>SANTA CLARA 8:45.64 95 ANNE WATKINS LISA HAZEN MIKE MOORE GREG SCHAFFER</p> <p>MVN 9:55.71 Jennifer Fant 30 Nicholas O'Hare 27 Shannon Packard 21 Richard Elder 29</p> <p>200 M. FREE REL MIXED 120+</p> <p>GOLD 1:42.65 98 TODD PACE TRACIE MOLL JAMIE HERRINGTON KURT WIENANTS</p> <p>IM 1:48.41 Jennifer Ridge 36 Nadine K Day 34 Bob Young 40</p>	<p>Dave Gibson 44</p> <p>VMST 1:51.05 Mark A Gill 36 Debbie K Jaeger 42 Eric C Cornell 34 Alice W Phillips 39</p> <p>PLANO WETCATS 1:52.54 Jennifer Brooks 27 Michelle Heil 34 Andy Edmondson 37 Darrell Park 33</p> <p>MELO 1:53.22 Mike Perkins 33 Al Humphrey 45 Tasha Capen 38 Jana Matena 42</p> <p>GAS 1:53.98 Tom L Northcutt 39 Ashley Scott 21 Joseph R Dromsky 42 Holly F Johnson 28</p> <p>HEART OF TEXAS 1:55.35 Ross Davis 38 Laura Koch 28 Karen Quinlan 43 Michael Trimborn 27</p> <p>UCI 1:55.72 John Wingender 25 Liam Murphy 32 Monica Fox 30 Peggy Gross 36</p> <p>SWIM KENTUCKY 1:57.47 Alexandra Nieto 32 Leslie Weeter 27 Scott Dick 33 Paul Widman 31</p> <p>PAFC 1:57.51 Alan P O'Connor 31 Patricia A Flynn 28 Barbara B Burke 43 Jay R Platt 57</p> <p>NOVA 1:58.81 Jason Dunham 34 Margaret Reilly 35 Natalie Barrad 39 William Wherritt 38</p> <p>200 M. MEDLEY R MIXED 120+</p> <p>GOLD 1:57.30 98 CRAIG CRAWFORD SETH VAN NEERDEN TRACIE MOLL JAMIE HERRINGTON</p> <p>PLANO WETCATS 2:03.21 Jennifer Brooks 27 Tom Wolf 50 Kelly Willis 33 Andy Edmondson 37</p> <p>NCMS 2:03.33 Staci K Inscore 32 Erik C Crankshaw 32 Razvan D Petcu 31 Erika L Braun 32</p> <p>RMM 2:05.04 Daniel E Thomas 21 Travis L Mabry 26 Tiffany A Forbes 37 Heather Hagadorn 39</p> <p>MVN 2:07.08 Shannon Packard 21 Jiajia Wang 25 Lincoln Djang 45 Richard Elder 29</p> <p>IM 2:08.20 Matt C Keller 35 Heather N Lingner 28 Solveig Sullivan 34</p>
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2003-2004 Long-Course Meters - Top-Ten Relays

Mark E Mattson	34	Jennifer Brooks	27	200 M. FREE REL MIXED 160+	Bob H Bugg	47		
NCMS	2:10.50	Tom Wolf	50		Beth O Mc Gee	42		
Heather M Hageman	34	Kelly Willis	33	RMM	1:45.83 98	NCMS	2:04.62	
Dan Aber	31	Andy Edmondson	37	KATHY GARNIER			Susan Walsh	42
Matt G Allen	28	MELO	4:51.09	LAUREN WELTING			Todd Dimsdale	47
Christy D Hall	27	Mike Perkins	33	RICHARD ABRAHAMS			Jeff L Murray	35
GAJA	2:10.88	Tasha Capen	38	JAMES LILLEY			Patricia A Rohner	45
M A Vander Wood	21	Philip Arcuni	46	NEM	1:47.71	PALM	2:06.88	
Satish S Lathi	38	Jana Matena	42	Jeremy Gross	33	Hugh Wilder	57	
Kristina Ulveling	32	BMW	5:15.76	Leigh Wiki Royden	49	Dara Wilber	44	
Clayton Angell	47	Jason Pettit	30	Tracy L Grilli	47	Mark Rutledge	39	
GAJA	2:11.54	Jim Fregosi	44	Michael Ross	36	Diana Mc Donough	41	
A Vazhenin	20	Traci Kreppel	33	NCMS	1:51.12	VMST	2:08.57	
Irina V Vazhenin	40	Jan Keele	44	Fritz E Lehman	46	Lang H Meem	50	
Igor V Vazhenin	40	CYCL	5:16.07	Henry D Stewart	41	Patricia M Powis	43	
John M Fennessy	26	Eric Heynen	32	Deborah M Haruta	37	Eric C Cornell	34	
CLVM	2:12.40	Debbie Sturgeon	41	Susan Walsh	42	Alice W Phillips	39	
Ryan H Wynn	26	Jon Armstrong	29	PALM	1:51.24	NEM	2:08.86	
Ursula S Moser	35	Kimberly Hughes	23	Steve W Robling	34	Michael Ross	36	
Mark A Magee	36	PLANO WETCATS	5:30.50	Joe Shake	46	Michele M Roy	40	
Carolyn H Battin	50	Matthew Heil	35	Diana Mc Donough	41	Paul W Fuller	51	
VMST	2:13.80	Paul Robinson	37	Dara Wilber	44	Tracy L Grilli	47	
Caycee Buscaglia	39	Leslie Barnhill	34	FACT	1:52.06	GAJA	2:09.51	
Charles Cockrell	36	Kirsten Anderberg	34	Brian S Starford	41	Robyn Brewington	39	
Mark A Gill	36	CRUZ	5:40.24	Sylvia C Buxton	39	Andy R Dyer	46	
Debbie K Jaeger	42	Jay Clark	42	Becky A Nelson	40	Brian L Pakkala	42	
		Tricia Knowles	33	David S Hefner	50	Maari E Olsen	35	
400 M. FREE REL MIXED 120+		Kurt Montgomery	45	OLYMPIC CLUB	1:52.23	FACT	2:09.64	
		Maureen Chalmers	38	Joan Schriger	40	Sylvia C Buxton	39	
WALNUT CREEK	4:01.94 91	USF	5:48.38	Laureen Welting	39	Mark A Drennen	48	
CAREN LEWIS		Sarah Groskopf	24	Scott Williams T	49	Jean A Bancks	48	
PAULA ROEMER		John Rowen	36	David Holmes	50	Brian S Starford	41	
TOM FRISTOE		Diana Harrington	32	MVN	1:55.96	GOLD	2:11.28	
GREG REMMERT		Art Shmurun	34	Tami Engel	41	David H Owen	52	
PLANO WETCATS	4:22.07	USF	5:53.79	Meredith May	30	Todd H Pace	36	
Darrell Park	33	Meike Labusch	32	Brian Goodell	45	Peggy H McDonnell	49	
Jennifer Brooks	27	Yuko Iwamoto	21	Lincoln Djang	45	Amy S Diebler	28	
Andy Edmondson	37	Matt Harrington	33	WCM	1:56.04			
Michelle Heil	34	Peter Perez	48	Leiann Crittenden	48	400 M. FREE REL MIXED 160+		
MVN	4:28.42	TEAM RIDGLEA	6:21.25	Martha Alexander	55	TEAM ORLANDO	4:02.04 97	
Jennifer Fant	30	Amy Bender	33	Brandon Wen	35	ROSEMARY SEAMAN		
Meredith May	30	Jessica Rohlffs	29	Andy Brown	26	C MILTENBERGER		
Lincoln Djang	45	Todd Witherington	32	PNA	1:56.51	CATHY SHONKWILER		
Brian Goodell	45	Michael Wright	47	Donald Graham	50	L MEISENHHEIMER		
WCM	4:31.59	MVN	6:40.19	Lisa A Dahl	43	SDSM	4:25.80	
Brad Gothberg	42	Connie Barrett	35	Kathrine J Casey	56	Marilyn A Fink	50	
Debbie Santos	36	Abel Tong	40	James Littlefield	44	Janet G Coover	41	
Helen Salcedo	29	Kayo Shibata	30	SPM	1:59.44	Matthew J Shade	37	
Andy Brown	26	Alex Alvarado	22	Melissa Varlas	31	Kenton R Jones	37	
MVN	4:34.21			Tricia Moses	45	WMAC	5:19.38	
Jerry Leutner	40	800 M. FREE REL MIXED 120+		Kern Davis	50	Stephen Justinger	52	
Shannon Packard	21	PATRIOT	8:50.48 02	William Specht	46	Susan Stein	37	
Jiajia Wang	25	M MIDDLEMORE		SMMM	2:00.00	Suzi Green	43	
Mark Hammer	44	DOUG CHESTNUT		Daniel Kenny	47	Toby Haines	35	
WCM	4:58.58	CHERYL WARD		Lisa Ryner	47	WCM	5:27.32	
Edward Richards	36	TIMOTHY BOYD		Cindy Lee	47	Cathy Christie	46	
Carol Kessler	40	DAM	10:52.14	Jim Sweeney	51	Samuel Schiff	54	
Michelle McCurray	28	Kari Wilkinson	39	200 M. MEDLEY R MIXED 160+		Louis Stoddard	67	
Josh Batie	25	Curtis Brennan	26	ANCM	2:00.37 00	Marcia Holmes	23	
TEAM RIDGLEA	4:59.97	Jane Higgins	50	CLAY BRITT		GSM	5:36.68	
Chuck Burr	47	Zeb Lemke	24	WALLY DICKS		George Sproul	42	
Devon Burr	22	SWIM KENTUCKY	10:56.40	ANDREA BLOCK		Nancy Shapiro	46	
Debra Denke	44	Ashley Lyons	19	JUDY LIM-SHARPE		Sandra Parham	40	
Debra Denke	44	Mitchell Reinhart	23	OLYMPIC CLUB	2:00.53	Darek Hahn	37	
Marcin Wedlarski	33	Jimbo Martin	46	Joan Schriger	40	TEAM RIDGLEA	5:37.11	
PLANO WETCATS	5:00.61	Wendy Medley	50	Stuart Corliss	48	Tori Adams	46	
Paul Robinson	37	Steve Steed	33	Laureen Welting	39	John Blausey	28	
Stacy Brown	26	Bernd Straehle	35	Matthew McKay	33	Cameron Brown	44	
Kirsten Anderberg	34	Jiajia Wang	25	IM	2:00.80	Tim Carter	49	
Gregory Park	36	Danah Jones	33	Dave Gibson	44	LBG	6:10.28	
		CSPF	13:37.00	Nadine K Day	34	Eric Grubb	40	
400 M. MEDLEY R MIXED 120+		Mark Carter	42	Jennifer Ridge	36	Yvette Marthell	28	
HEARTLAND	4:35.74 93	Brian Frisby	19	Thomas J Mc Cabe	47	Mike Miranda	42	
VICKY DAVIDSON		Roberta Passman	37	GAJA	2:01.59	Patricia Hayes	51	
PATTY STARKS		Marcella Casebolt	41	Tiffany J Taulbee	29	MID-CITIES MAST	6:12.61	
RON SCHAFEE				Chris J Weissman	42	Barry Goldfarb	46	
LEE MENCH						Leo Sanchez	45	
PLANO WETCATS	4:30.83NV							

2003-2004 Long-Course Meters - Top-Ten Relays

Francesca Carr	54	MELO	10:49.41	NCMS	2:17.23	Susan Ehringer	36
Kathy Boyer	50	Jane Stites	47	Jonathan E Klein	47	Larry Hunt	57
400 M. MEDLEY R MIXED 160+		Frances Reneau	45	G Van Meeteren	57	Ralph Johanson	64
TEAM ORLANDO 4:41.21 97		Bill Dawson	62	Mary R Sansbury	51	400 M. MEDLEY R MIXED 200+	
CATHY SHONKWILER		Tim Sheeper	41	Donald Gilchrist	50	TAMALPAIS 4:51.55 98	
C MILTENBERGER		SDSM 10:56.24		200 M. MEDLEY R MIXED 200+		RICH BURNS	
ROSEMARY SEAMAN		Lynne H Lund	64	NEM 2:07.56 01		PHIL JONCKHEER	
L MEISENHEIMER		James A Ney	46	JOEL FELDMANN		LAURA VAL	
GSM 4:53.99		Jescinda Barrett	22	DAN ROGIACKI		NANCY RIDOUT	
Amy S Carow	43	Kenton R Jones	37	GREG SHAW		OREG 4:59.89	
Benn Doyle	46	BMW 11:01.02		JACKI HIRSTY		K Andrus-Hughes 47	
Rebecca Kalibat	41	Felicia Ferlin	41	NEM 2:08.64		Allen Stark 55	
Ed Tsuzuki	46	Traci Kreppel	33	Joel T Feldmann 53		Colette Crabbe 48	
TEAM RIDGLEA 5:04.50		Bob Kim	44	Daniel J Rogacki 57		Jed Cronin 56	
Kristin Henderson	44	Brian Skuse	48	Stuart I Cromarty 40		WCM 5:14.42	
Kim Macklin	38	Pete Barbrick	41	Jacki Hirsty 52		Leiann Crittenden 48	
Steve Wood	44	Margaret Reilly	35	NEM 2:13.89		Jon Jacques 43	
David Koslowsky	46	Jennifer Ball	45	D Schultz-Santos 36		Jim De Lacy 58	
MVN 5:11.88		Paul Carter	47	Leian Crittenden 48		Martha Alexander 55	
Kevin Weissman	42	MID-CITIES MAST 11:19.91		James R De Lacy 58		MICHIGAN 5:30.18	
Terry Tongate	44	Patrick Allen	45	Ken M Burr 60		Barbara Church 52	
Tami Engel	41	Mark Hepworth	50	GAJA 2:15.95		Steve Hansen 53	
Joy Leutner	46	Lydia Grace	45	Carol U Pakchar 49		Frank Thompson 53	
CRUZ 5:18.79		Sally Sarles	22	Robert V Brown 52		Sally Guthrie 54	
Chris Tainty	44	200 M. FREE REL MIXED 200+		John A Fields 48		RHMS 5:38.82	
Cynthia Hertzner	35	NEM 1:49.85 04		F S Williamson 56		Eric Van Boer 50	
Sarah Hirsch	29	HOMER LANE		SWIM KENTUCKY 2:20.45		Cokie Lepinski 45	
Bill Drulias	53	JACKI HIRSTY		William Tingley 54		Bill Adkison 49	
MELO 5:32.04		JOEL FELDMANN		A Wright-Belknap 54		Maggie Tevis 56	
Peter Shepherd	38	STUART CROMARTY		Charles Miesner 49		SMMM 5:47.24	
Lisa Sheeper	40	NEM 1:49.85		Melinda Schmitt 46		Cindy Lee 47	
Al Humphrey	45	Homer W Lane 55		FACT 2:21.24		Dick Peterson 67	
Julie Applewhite	42	Jacki Hirsty 52		Margaret R Dodson 53		Lisa Ryner 47	
SMMM 5:33.47		Joel T Feldmann 53		Meegan J Wilson 56		Jim Sweeney 51	
Thomas Huggins	41	Stuart I Cromarty 40		John T McCall 53		RHMS 5:58.96	
Lezlee Miller	44	WCM 1:55.23		David S Hefner 50		Susie Powell 52	
Sara Nebeling	45	Leian Crittenden 48		MOVY 2:22.43		Don Davis 60	
John Schwenger	39	Ken M Burr 60		Shari Harden 37		Diane Ursin 41	
MID-CITIES MAST 5:35.07		D Schultz-Santos 36		Peter Mc Candless 48		George Viguie 60	
Brent Bunnell	41	James R De Lacy 58		Anthony Thompson 40		USF 6:41.72	
Dana Smith	41	GOLD 1:59.97		Nan H Bohl 75		Bryan Andrews 53	
Chris Osburn	41	David H Owen 52		VMST 2:23.43		Lance Wiscomb 59	
Nancy Wendell	40	Debbie Cavanaugh 46		Jeffrey Krongaard 50		Grendel Burrell 53	
DAM 5:41.50		Celia C Devanney 47		Nancy R Miller 55		Mary Saal 51	
Stephen Morris	53	David R Quiggin 60		Lisa A Bennett 48		800 M. FREE REL MIXED 200+	
Ulrike Kreutzer	47	VMST 2:00.29		G Tracy Hernlen 51		TEAM TEXAS 9:54.80 01	
David Woodruff	48	Lisa A Bennett 48		NCMS 2:23.72		GRAHAM JOHNSTON	
Isabel Faria	29	G Tracy Hernlen 51		Robin H Batchelor 47		SUSAN INGRAHAM	
RHMS 5:42.02		Terry Sue M Gault 54		Robert Schmitz 52		S NEILSON-BELL	
Betsy Ross	38	Jeffrey Krongaard 50		Donald Gilchrist 50		S NEILSON-BELL	
Suzanne Cochrane	44	NCMS 2:01.97		Eugenia Rogers 52		KEITH BELL	
Duncan Ross	39	Robert Schmitz 52		MVN 2:26.25		WCM 10:22.23	
James Cochrane	46	Beverly O Amick 50		Gerry P Leutner 40		Martha Alexander 55	
GOLD COAST 5:56.77		Ernie Glass 55		John F Campbell 57		Suzann Heim-Bowen 46	
Heather Moncada	29	Kim Stott 45		Joy M Leutner 46		Jim De Lacy 58	
Kirk Wagner	52	MVN 2:04.89		Bonnie K Kotzbach 60		Michael Piazza 58	
Philip Darche	51	John F Campbell 57		NEM 2:26.25		SMMM 11:04.39	
Robin Ingegno	41	Joy M Leutner 46		Bill Rupert 61		Miek Mc Cubbin 69	
800 M. FREE REL MIXED 160+		Bonnie K Kotzbach 60		Ann Y McDermott 50		Dick Peterson 67	
TEAM TEXAS 9:07.41 97		Gerry P Leutner 40		Mark E Alexander 46		Cindy Lee 47	
LARRY WOOD		SWIM KENTUCKY 2:10.62		Beth O Fries 46		Daniel Kenny 46	
S NEILSON-BELL		William Tingley 54		400 M. FREE REL MIXED 200+		NOVA 11:53.89	
KARLENE WISE		Charles Miesner 49		TEAM TEXAS 4:29.32 97		Dan Neyenhuis 60	
KEITH BELL		Melinda Schmitt 46		S NEILSON-BELL		Henry Greenberg 56	
STAN 8:54.20NV		A Wright-Belknap 54		KARLENE WISE		Dana Ryan 46	
Linda Gallo	28	RHMS 2:13.04		CHUCK BALDWIN		Kathryn Hager 48	
Susan Preston	42	Eric Van Boer 50		KEITH BELL		FACT 12:00.78	
Jim Kemp	49	Laurel Bowden 48		PLANO WETCATS 5:32.72		Bill Rodenfels 62	
Tim Broderick	53	Susie Powell 52		Michael Fox 55		Meegan Wilson 56	
SWIM KENTUCKY 10:36.53		E Sutton-Beattie 52		Elaine Disney 41		Christina Kelly 50	
James Luebbe	37	RHMS 2:14.70		Lynn Silver 52		James Redic 58	
Barry Whaley	45	Don Davis 60		David Young 55		USF 12:11.77	
Pam Martin	47	Cassandra Coffee 43		SWIM KENTUCKY 6:20.12		Barbara Byrnes 48	
Mary Chris Curl	47	Suzanne Cochrane 44		Diane Bellafronto 57		Jack Fleming 69	
		George Viguie 60				Carol Ogilvie 49	

2003-2004 Long-Course Meters - Top-Ten Relays

Geoff Glaser	40	Barbara Byrnes	48	Thomas Dillon	63	FACT	2:47.05
BMW	12:30.02	PIMM	2:43.71	William Crowley	65	Robert Sigersmith	80
Elizabeth Kim	41	Carolyn Radcliffe	54	Shelly Whitlock	65	Rogers B Holmes	83
Jacklyn Litman	54	Louis M Ackerman	68	Linda Swanburg	53	Joan K Campbell	74
Terry Horn	55	Martha Davis	64			Margaret R Dodson	53
Ralph Brott	65	Charles S Graber	59	400 M. MEDLEY R MIXED 240+		WCM	3:10.27
USF	12:53.02	200 M. MEDLEY R MIXED 240+		GOLD	5:49.89 03	Joyce M Haworth	67
Elmer Tosta	56	SAN DIEGO	2:21.08 02	JUNE KRAUSER		Jae Howell	82
Mary Saal	51	BETSY JORDAN		GEORGE SCHMIDT		Stan F Morner	70
Duke Dahlin	56	CAROLINE KRATTLI		DEBBIE CAVANAUGH		A Emory Haworth	68
Susan Allen	60	BILL EARLEY		CAV CAVANAUGH		USF	3:23.61
SWIM KENTUCKY	12:53.72	DONALD BAKER		WCM	7:28.31	Tanako Hagiwara	66
A Wright-Belknap	54	ISF	2:34.89	Bonnie Murphy	55	Richard Schomburg	78
Debbie Utz	51	Marty A Mennen	68	Joyce Haworth	67	Bill Grohe	71
Theodore Wathen	57	C Gettelfinger	47	Jim Perilman	65	Janet Benu	72
Glenn Hubbuch	59	Mel E Goldstein	66	Ken Burr	60	SBM	3:27.92
USF	14:25.10	Susan L Meyers	62	PLANO WETCATS	8:34.33	John E Bleck	71
Peter Perez	48	MOST	2:35.47	Susan George	71	B Keith Martin	68
Sunny Blende	54	Jan Miller	54	Xiaohang Peng	45	Peggy Sanborn	77
Grendel Burrell	53	Chuck Baldwin	74	Jim Gibbs	63	Gay C Collins	74
Bryan Andrews	53	Susan Ingraham	45	Shelly Whitlock	65	ES	3:32.27
USF	17:59.31	Graham Johnston	73	USF	8:46.76	Maurice Stern	87
Fred Rogers	81	NCMS	2:36.45	Polly Rose	62	Barbara M Bower	66
Emma Huckabay	49	Jeannie Mitchell	58	Bob Danielson	74	Patricia F Arnold	65
Patrick Mc Bride	35	G Van Meeteren	57	Jack Fleming	69	Dick Bower	74
Kathy Bailey	51	Bernard T White	61	Susan Allen	60	FMM	3:33.51
200 M. FREE REL MIXED 240+		Jerry Clark	67	800 M. FREE REL MIXED 240+		Frank H Tillotson	90
SAN DIEGO	2:06.10 02	GOLD	2:37.46	GOLD COAST	10:42.42 02	Pat C Bayers	50
CAROLINE KRATTLI		Anne G LaBorwit	54	CAV CAVANAUGH		Robert MacDonald	76
BETSY JORDAN		Leo Silverstein	70	MARCIA BARRY		Patricia Tullman	67
DONALD BAKER		Celia C Devaney	47	ANNE LABORWIT		200 M. MEDLEY R MIXED 280+	
BILL EARLEY		Alan S Rapperport	71	ALAN RAPPERPORT		ARIZONA	2:46.45 99
GOLD	2:06.96	ILLINOIS MASTER	2:38.03	MICHIGAN	14:32.13	NANCY MACBETH	
Peggy H McDonnell	49	Mary Pohlmann	59	Donald Kroeger	61	MAX VON ISSER	
Alan S Rapperport	71	John Pohlmann	61	Joyce Kowalski	62	RONALD JOHNSON	
Anne G LaBorwit	54	Peter Andersen	61	Donald Ferencz	61	EDIE GRUENDER	
David R McIntyre	67	Betty Bennett	61	Jennifer Parks	61	O*H*I*O MASTERS	2:55.36
O*H*	2:10.83	VMST	2:39.57	WCM	14:43.11	Yoshi Oyakawa	71
Jack R Groselle	50	Chuck Wilmore	70	Joyce Haworth	67	Lilly Kron	73
Nancy A Waite	70	Joann Leilich	65	Bonnie Murphy	55	Sid Hall	69
Melinda J Smith	52	Terry Sue M Gault	54	Jim Perilman	65	Nancy Waite	70
Yoshi Oyakawa	71	Jim W Miller	54	Ken Burr	60	NCMS	2:55.79
ILLINOIS MASTER	2:16.49	VMST	2:40.15	SWIM KENTUCKY	16:31.52	Sally Newell	67
Mary Pohlmann	59	Carolyn F Boak	59	Mary Jane Mullins	73	John D Kortheuer	73
John Pohlmann	61	Thomas D Boak	61	Larry Hunt	57	Dick N Webber	75
Betty Bennett	61	Sandy Cattarin	65	Joyce Voit	70	Sandra L Kremer	68
Peter Andersen	61	Bob Bailie	69	Larry Isom	64	GOLD	3:00.77
PIMM	2:18.71	NCMS	2:57.08	200 M. FREE REL MIXED 280+		David R McIntyre	67
Donna Altman	46	S Robbins-Bonitz	71	SAN DIEGO	2:21.18 00	Debbie Cavanaugh	46
Morton Palmer	69	Joel P Jacobs	68	DONALD BAKER		June Krauser	78
Joann Chapman	60	Hill Carrow	49	BETSY JORDAN		Ned E Smith	89
David Painter	66	Alice U Jones	66	JEANNE LITTLE		WCM	3:02.90
VMST	2:19.25	VMST	2:57.62	JIM EUBANK		Martha Alexander	55
Barbara Zaremski	67	Beth Schreiner	63	FMM	2:36.36	Joan E Alexander	72
Harry P DeLong	61	Johnnie Detrick	69	James F Browne	66	A Emory Haworth	68
Beth Schreiner	63	Ralph B Swiger	48	Margaret T Homans	72	William Johnston	86
Jim W Miller	54	Harry P DeLong	61	Robert S Blake	80	WCM	3:09.54
VMST	2:24.84	RMM	2:59.49	Jean D Troy	77	Robert W Mayo	71
Ida M Hlavacek	62	J Murphy-Sherman	60	WCM	2:37.43	Jae Howell	82
Chuck Wilmore	70	Bob W Patten	70	William Johnston	86	Stan F Morner	70
Joann Leilich	65	Mel Dyck	63	Joan E Alexander	72	Stephanie I Scott	57
Gennard T Lanzara	46	Grace C Dyck	63	Robert W Mayo	71	FMM	3:16.56
WCM	2:31.52	400 M. FREE REL MIXED 240+		Martha Alexander	55	James F Browne	66
Maureen Daniel	56	GOLD COAST	4:53.73 04	NCMS	2:39.69	Aaron Kurtzman	75
Bonnie Murphy	55	PEGGY MCDONNELL		Sandra L Kremer	68	Jean D Troy	77
Fred Trask	77	HERB KERN		Alice U Jones	66	Margaret T Homans	72
Jim De Lacy	58	ANNE LABORWIT		John D Kortheuer	73	ARIZ	3:24.05
SMMM	2:34.27	DAVID MCINTYRE		Dick N Webber	75	Lou Silverstein	78
Miek Mc Cubbin	69	GOLD COAST	4:53.73	WCM	2:37.43	Dan F Gruender	75
Irene Kolbisen	58	Peggy H McDonnell	49	William Johnston	86	Nancy Kinney	75
Robert Cunningham	77	Herb Kern	72	Joan E Alexander	72	Edie Gruender	76
Dick Peterson	67	Anne G Laborwit	54	Robert W Mayo	71	ILLINOIS MASTER	3:27.06
U OF SAN FRAN	2:37.61	David McIntyre	67	Martha Alexander	55	Hannelore Snyder	74
B Danielson	74	PLANO WETCATS	6:45.32	NCMS	2:39.69	Ursula Harris	66
Susan Allen	60			Sandra L Kremer	68	Thomas Maine	79
C Saunders	66			Alice U Jones	66	Stephen Mullins	72
				John D Kortheuer	73		
				Dick N Webber	75		
				O*H*I*O MASTERS	2:40.44		
				Nancy Waite	70		
				Lilly Kron	73		
				Sid Hall	69		
				Yoshi Oyakawa	71		

2003-2004 Long-Course Meters - Top-Ten Relays

FMM	3:37.02	Dick Peterson	67	MICHIGAN	10:21.17
Frank H Tillotson	90	FACT	17:44.73	Edith Glusac	86
Holly A Vaughn	43	Elliot Schofield	82	Lois Nochman	80
Patricia Tullman	67	Donald Puchalski	65	Bob Doud	81
Robert S Blake	80	Joan Campbell	74	Chuck Belknap	79
FACT	3:42.86	Marianne Bradley	61		
Elliott Schofield	82	USF	18:19.25	800 M. FREE REL MIXED 320+	
Joan K Campbell	74	Janet Bensu	72		
Nancy N Durstein	75	Tanako Hagiwara	66	SAN MATEO	17:09.50 94
Thomas G Bliss	50	Bill Grohe	71	AUDREY ETIENNE	
		Richard Schomburg	78	JOSEPH KAUFMAN	
400 M. FREE REL MIXED 280+		MID-CITIES MAST	20:56.81	HELEN ROUMASSET	
		Jane Birkhead	64	RAYMOND TAFT	
SAN MATEO	6:08.62 89	Dorothy Kolbaba	72	NO RELAYS	
AUDREY ETIENNE		Frank Kolbaba	73		
RAY TAFT		Bobby Moore	74	200 M. FREE REL MIXED 360+	
ZADA TAFT					
FRED TAIOLI		200 M. FREE REL MIXED 320+		COAST MASTERS	5:26.80 03
WCM	6:01.60NV	NEW ENGLAND	2:57.49 04	HELENE IBERALL	
Ann Hirsch	73	JAMES EDWARDS		MAXINE MERLINO	
Joan Alexander	72	BILLIE ANN BURRIL		WALTER PFEIFFER	
Robert Mayo	71	PETEY M H SMITH		WOODY BOWERSOCK	
Emory Haworth	68	F H TED HAARTZ		NO RELAYS	
WCM	8:54.95	SBM	2:55.56NV		
Jae Howell	82	Frank Piemme	79		
Mary Jane Reeves	87	Grace Altus	80		
Frederick Silvey	62	Ruth Baar	82		
Ken Burr	60	Jurgen Schmidt	81		
400 M. MEDLEY R MIXED 280+		NEM	2:57.49		
O*H*I*O	6:58.55 04	James K Edwards	82		
YOSHI OYAKAWA		Billie An Burrill	83		
LILLY KRON		Pete M H Smith	80		
BETTY RUSS		F H Ted Haartz	76		
SID HALL		WCM	3:31.69		
O*H*I*O MASTERS	6:58.55	Bill Johnston	86		
Yoshi Oyakawa	71	Richard Smith	84		
Lilly Kron	73	Jae Howell	82		
Betty Russ	77	Sally Morner	68		
Sid Hall	69	200 M. MEDLEY R MIXED 320+			
WCM	7:07.39	FLA MAVERICK	3:33.41 02		
Robert Mayo	71	REGAN KENNER			
Ann Hirsch	73	GERTRUD ZINT			
Stan Morner	70	ALAN MALONEY			
Sally Morner	68	BRUD CLEVELAND			
WCM	8:12.03	SBM	3:43.53		
Jean Duncan	72	Ruth Baar	82		
Phyllis Crockett	78	Frank Piemme	79		
Emory Haworth	68	Jurgen Schmidt	81		
Fred Trask	77	Grace Altus	80		
USF	10:17.01	FACT	3:57.38		
Tanako Hagiwara	66	Marjorie R Newman	81		
Richard Schomburd	78	Rogers B Holmes	83		
Bill Grohe	71	Sylvia Eisele	75		
Janet Bensu	72	Edwin H Graves	81		
800 M. FREE REL MIXED 280+		400 M. FREE REL MIXED 320+			
FLA MAVERICK	12:54.80 03	MAVERICKS	7:39.20 03		
JEAN TROY		KAY SCHIMPF			
ROBERT MACDONALD		ROBERT WILLIAMS			
PATRICIA TULLMAN		JEAN TROY			
JAMES BROWNE		BRUD CLEVELAND			
WCM	14:02.95	SBM	6:56.05NV		
Emory Haworth	68	Frank Piemme	79		
Donna Monroe	71	Grace Altus	80		
Jean Duncan	72	Ruth Baar	82		
Robert Mayo	71	Jurgen Schmidt	81		
WCM	15:55.90	400 M. MEDLEY R MIXED 320+			
Phyllis Crockett	78	FL MAVERICKS	8:38.28 03		
Fred Trask	77	PAUL HUTINGER			
Betty Mc Millan	75	GERTRUDE ZINT			
Ed Lane	65	ROBERT MACDONALD			
SMMM	17:26.40	JUNE REYNOLDS			
Gloria Stupfel	78				
Don Stupfel	76				
Ann Lambertson	74				

Errata for 2003-2004 Short-Course Yards

WOMEN 35-39

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▪ 1000 YD FREESTYLE	
10:31.97 Liz J Dillmann	39
10:38.39 Charlott Petersen	39
10:45.58 Jody Smith	35
10:52.18 Laurie Hug	38
10:52.23 Laureen Welting	38
10:56.74 Diana R Philippi	36
10:58.84 Jill Gellatly	36
11:13.33 Heather Hagadorn	39
11:23.05 Mimi Cook	38
11:24.75 Karen K Zemlin	36

WOMEN 55-59

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▪ 50 YD BUTTERFLY	
31.84 Carolyn F Boak	58
31.89 Sherry Puthoff	56
32.32 Barbara G Dunbar	55
32.68 A Susan Tyler	55
33.37 Ruth Shaps	56
33.50 Sandi Rousseau	56
34.88 Marge Burley	58
35.17 Kathy Slifer	58
35.34 Ginger Pierson	57
35.42 Joanne Menard	56

WOMEN 75-79

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▪ 200 YD FREESTYLE	
3:03.76 Jean D Troy	76
3:06.10 Betty S Lorenzi	76
3:08.15 Betty Russ	76
3:13.05 Florence E Carr	78
3:28.49 June Krauser	77
3:30.78 Suzanne Graham	77
3:36.37 Lois Nochman	79
3:39.32 Nan Blackledge	79
3:44.59 Asako Maningo	78
3:45.20 Ruth Aaron	75
▪ 1000 YD FREESTYLE	
16:55.17 Betty Lorenzi	76
18:56.64 June Krauser	77
19:31.17 Lois Nochman	79
19:32.68 Edie Gruender	75
20:04.76 Nan Blackledge	79
21:00.36 Phyllis Crockett	77
21:20.00 Joan C McIntyre	75
21:49.93 Irene D'Agostino	76
22:21.59 Clara Sotak	79
26:01.35 Gloria Stupfel	77
▪ 1650 YD FREESTYLE	
27:53.63 Betty S Lorenzi	76
31:44.13 June Krauser	77
32:12.43 Lois Nochman	79
33:29.74 Jeanne Meredith	75
35:32.41 Esther Pelletier	79
35:51.97 Peggy Sanborn	76
36:02.16 Joan McIntyre	75
36:10.92 Irene D'Agostino	76
38:30.86 Clara E Sotak	79
43:51.41 Margaret Wells	78

MEN 75-79

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▪ 100 YD BUTTERFLY	
1:28.73 Thomas O Maine	78
1:30.80 Frank Piemme	79
1:35.69 Duane L Draves	78
1:36.74 Thomas Smith	76
1:38.83 Robert Cunningham	75
1:40.38 Jack Mitchell	77
1:43.73 Alex MacGillis	75
1:46.39 Donald Hubbard	76
1:46.77 Harvey Prosser	75
1:55.98 Don Korten	77

MEN 80-84

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▪ 1000 YD FREESTYLE	
17:47.62 Arthur Koblisch	80
19:53.22 Tom Mc Call	81
21:23.89 Clarence Webb	81
21:48.49 John A Wrenn	83
22:29.72 Bob R Doud	80
23:00.92 John E Cranch	81
26:12.29 Vladimir Ouchakof	80
29:15.82 Elliott Schofield	81
29:48.22 John Taylor	82
▪ 50 YD BUTTERFLY	
39.76 Andrew Holden	84
40.85 Max von Isser	84
42.84 Jurgen Schmidt	81
46.99 Arthur Koblisch	80
47.10 James Anderson	80
50.42 Tom F Dowell	81
51.70 William Johnston	84
56.47 Clarence Webb	81
1:00.29 Bob R Doud	80
1:05.67 Rupert Fixott	82
▪ 100 YD BUTTERFLY	
1:48.29 Andrew Holden	84
1:49.18 Arthur M Koblisch	80
1:59.52 William Johnston	84
2:04.57 Tom Mc Call	81
2:22.18 Bob R Doud	80
2:23.27 Bill Stadig	81
2:46.94 Jay Charles	81
3:18.70 Vladimir Ouchakof	80
3:20.69 John A Wrenn	83
3:32.13 Herb McAuley	81
▪ 100 YD INDIVIDUAL MEDLEY	
1:35.57 Andrew Holden	84
1:39.42 Jurgen Schmidt	81
1:41.79 Max Von Isser	84
1:42.31 Arthur Koblisch	80
1:43.61 Clarence Webb	81
1:50.94 James Anderson	80
1:52.40 William Johnston	84
1:56.89 Tom Mc Call	81
2:04.30 Bill Stadig	81
2:10.75 Ted Simon	81
▪ 200 YD INDIVIDUAL MEDLEY	
3:44.26 Arthur M Koblisch	80
3:47.01 Jurgen Schmidt	81
4:00.42 Clarence Webb	80
4:07.62 Tom Mc Call	81
4:18.15 William Johnston	84
4:22.23 James Anderson	80
4:31.32 Bill Stadig	81
5:03.20 Bob R Doud	80
5:19.14 John A Wrenn	83
5:32.81 Vladimir Ouchakof	80

FINA Masters World Records - Short-Course Meters

(as of 11-1-04)

WRL SCM RECORDS AS OF 11-01-04

***** M E N *****				***** W O M E N *****			
25-29				30-34			
22.48	12-04-93	USA	ROBERT PEEL	50 M.	FREE	SOPHIA SKOLI	DEN 11-02-02 26.18
49.58	10-25-03	GBR	ANDREW MANLEY	100 M.	FREE	SHEILA TAORMINA	USA 03-31-96 56.30
1:48.81	12-10-95	USA	JOHN KEPPELER	200 M.	FREE	SHEILA TAORMINA	USA 03-31-96 1:59.78
3:56.34	04-14-01	BRA	A.ANGELOTTI	400 M.	FREE	SHEILA TAORMINA	USA 03-31-96 4:24.18
8:07.91	04-12-01	BRA	A.ANGELOTTI	800 M.	FREE	SHEILA TAORMINA	USA 03-31-96 8:51.18
15:29.68	10-24-03	GBR	GREG ORPHANIDES	1500 M.	FREE	SHEILA TAORMINA	USA 03-31-96 16:36.07
25.43	10-16-94	GBR	MARTIN HARRIS	50 M.	BACK	KANA OHASHI	JPN 02-02-03 30.04
54.82	11-12-94	GBR	MARTIN HARRIS	100 M.	BACK	KANA OHASHI	JPN 02-02-03 1:03.17
2:01.78	10-16-94	GBR	MARTIN HARRIS	200 M.	BACK	KANA OHASHI	JPN 02-03-03 2:13.91
27.69	03-30-03	CAN	RUSS PATRICK	50 M.	BRST	RILEY WEST	CAN 03-28-04 32.80
1:02.51	03-06-04	FRA	NICOLAS CANIVET	100 M.	BRST	MANUELA NAECHEL	GER 10-17-98 1:10.71
2:19.34	12-01-01	POL	TOMASZ DUSZYNSKI	200 M.	BRST	RILEY WEST	CAN 03-28-04 2:32.37
24.89	04-28-02	SWE	JOAKIM DAHL	50 M.	FLY	IRACE ALFONSINA	ITA 02-29-04 28.60
54.83	12-15-02	USA	JASON EADDY	100 M.	FLY	SHEILA TAORMINA	USA 03-31-96 1:01.33
2:02.05	01-26-03	JPN	KIMITAKA MINOBE	200 M.	FLY	S PALMER-WHITE	AUS - -91 2:17.13
56.65	08-24-03	USA	JEFF COMMINGS	100 M.	I.M.	HITOMI MAEHARA	JPN 06-22-03 1:05.18
2:05.93	12-10-95	USA	JOHN KEPPELER	200 M.	I.M.	HITOMI MAEHARA	JPN 06-22-03 2:20.78
4:26.79	12-10-95	USA	JOHN KEPPELER	400 M.	I.M.	KANA OHASHI	JPN 05-09-04 4:57.93
22.76	11-23-02	USA	ED WAGNER	50 M.	FREE	ANNA PETTIS-SCOTT	USA 04-17-93 26.46
50.37	07-08-00	GBR	MIKE FIBBENS	100 M.	FREE	SANDY NEILSON	USA 05-16-88 57.35
1:50.91	10-15-89	JPN	ROWDY GAINES	200 M.	FREE	K PIPES-NEILSEN	USA 12-15-96 2:04.64
3:58.40	12-10-00	USA	ALEX KOSTICH	400 M.	FREE	K PIPES-NEILSEN	USA 12-01-96 4:22.70
8:17.06	12-10-00	USA	ALEX KOSTICH	800 M.	FREE	ERIKA HANSEN	USA 12-07-03 9:06.49
15:51.07	12-10-00	USA	ALEX KOSTICH	1500 M.	FREE	KAREN BURTON	USA 12-11-94 17:23.60
25.54	10-07-01	USA	MARTIN ZUBERO	50 M.	BACK	D GRANER GALLAS	USA 12-15-96 30.14
55.19	10-12-03	USA	MARTIN ZUBERO	100 M.	BACK	K PIPES-NEILSEN	USA 12-10-95 1:03.96
2:00.43	10-07-01	USA	MARTIN ZUBERO	200 M.	BACK	K PIPES-NEILSEN	USA 12-01-96 2:16.62
28.31	09-21-03	JPN	HIDEAKI TOGO	50 M.	BRST	WENKE HANSEN	USA 12-10-00 32.82
1:03.64	12-12-99	USA	ROQUE SANTOS	100 M.	BRST	WENKE HANSEN	USA 12-10-00 1:10.00
2:16.60	04-28-01	GBR	NICK GILLINGHAM	200 M.	BRST	WENKE HANSEN	USA 12-10-00 2:30.65
24.36	11-24-03	JPN	HAJIME ITOI	50 M.	FLY	WENKE HANSEN	USA 12-10-00 28.34
54.82	05-19-96	JPN	HIROSHI MIURA	100 M.	FLY	WENKE HANSEN	USA 12-10-00 1:02.70
2:00.21	05-14-00	JPN	HIROSHI MIURA	200 M.	FLY	RADKE/BIANZANI	U/I 03- - -04 2:19.34
56.36	03-27-04	HUN	ATTILA CZENE	100 M.	I.M.	WENKE HANSEN	USA 12-12-99 1:04.96
2:04.01	03-26-04	HUN	ATTILA CZENE	200 M.	I.M.	WENKE HANSEN	USA 12-10-00 2:18.89
4:26.74	12-12-99	USA	ROQUE SANTOS	400 M.	I.M.	HIDEKO HIRANAKA	JPN 04-25-04 4:51.33
22.44	03-18-00	SWE	JOHN MIRANDA	50 M.	FREE	S NEILSON-BELL	USA 11-19-95 26.13
49.53	03-19-00	SWE	JOHN MIRANDA	100 M.	FREE	K PIPES-NEILSEN	USA 12-10-00 57.65
1:51.31	12-14-03	USA	ERIK HOCHSTEIN	200 M.	FREE	K PIPES-NEILSEN	USA 12-14-97 2:03.56
3:57.77	12-14-03	USA	ERIK HOCHSTEIN	400 M.	FREE	K PIPES-NEILSEN	USA 12-12-99 4:22.56
8:23.06	11-08-03	USA	ERIK HOCHSTEIN	800 M.	FREE	LAURIE HUG	USA 12-17-00 9:14.27
15:58.20	11-20-99	USA	BOBBY PATTEN	1500 M.	FREE	LAURIE HUG	USA 12-10-00 17:27.84
26.84	03-23-96	USA	CLAY BRITT	50 M.	BACK	K PIPES-NEILSEN	USA 12-12-99 30.73
56.93	12-08-02	USA	RON KARNAUGH	100 M.	BACK	K PIPES-NEILSEN	USA 12-14-97 1:03.56
2:00.34	12-08-02	USA	RON KARNAUGH	200 M.	BACK	K PIPES-NEILSEN	USA 12-14-97 2:14.10
28.75	12-08-02	USA	RON KARNAUGH	50 M.	BRST	CAROLINE KRATTLI	USA 12-10-00 33.03
1:02.57	12-08-02	USA	RON KARNAUGH	100 M.	BRST	CAROLINE KRATTLI	USA 12-10-00 1:11.97
2:17.96	12-08-02	USA	RON KARNAUGH	200 M.	BRST	CAROLINE KRATTLI	USA 12-10-00 2:36.04
24.48	03-23-03	SWE	JAN KARLSSON	50 M.	FLY	TRACIE MOLL	USA 12-02-01 28.68
55.85	12-09-01	USA	JIM HARVEY	100 M.	FLY	K PIPES-NEILSEN	USA 12-14-97 1:03.29
2:04.50	11-20-99	USA	BOBBY PATTEN	200 M.	FLY	K PIPES-NEILSEN	USA 12-14-97 2:18.41
56.94	12-07-03	USA	RON KARNAUGH	100 M.	I.M.	K PIPES-NEILSEN	USA 12-10-00 1:05.40
2:03.29	12-08-02	USA	RON KARNAUGH	200 M.	I.M.	K PIPES-NEILSEN	USA 12-10-00 2:19.08
4:24.36	12-07-03	USA	RON KARNAUGH	400 M.	I.M.	K PIPES-NEILSEN	USA 12-14-97 4:52.85
23.75	03-22-03	SWE	JOAKIM SJOHOLM	50 M.	FREE	BETH KNIGHT	USA 12-12-99 26.95
52.07	11-08-02	BRA	CYRO DELGADO	100 M.	FREE	K PIPES-NEILSEN	USA 12-14-03 57.60
1:53.66	11-22-03	GER	KAI DITZEL	200 M.	FREE	K PIPES-NEILSEN	USA 12-14-03 2:05.26
4:04.31	11-23-03	GER	KAI DITZEL	400 M.	FREE	K PIPES-NEILSEN	USA 12-14-03 4:21.75
8:33.16	01-19-03	ITA	F SILVESTRI	800 M.	FREE	K PIPES-NEILSEN	USA 06-20-03 9:09.71
16:23.95	02-08-03	ITA	F SILVESTRI	1500 M.	FREE	LYNN MARSHALL	CAN 04-05-02 17:38.37
27.28	12-08-02	USA	ERIC ERICSON	50 M.	BACK	K PIPES-NEILSEN	USA 10-27-02 30.98
57.66	12-08-02	USA	ERIC ERICSON	100 M.	BACK	K PIPES-NEILSEN	USA 06-16-02 1:05.43
2:08.26	12-08-02	USA	ERIC ERICSON	200 M.	BACK	K PIPES-NEILSEN	USA 12-14-03 2:19.09
29.50	10-02-99	GER	GERHARD AMMER	50 M.	BRST	CAROLINE KRATTLI	USA 12-14-03 33.67
1:05.79	10-27-02	USA	PLAMEN ALEXANDROV	100 M.	BRST	CAROLINE KRATTLI	USA 12-14-03 1:12.08
2:25.58	12-14-97	USA	RON SCHAFER	200 M.	BRST	CAROLINE KRATTLI	USA 10-27-02 2:39.10
25.43	02-29-04	ITA	ROBERTO TARRICONE	50 M.	FLY	MARIE SADLER	GBR 10-27-00 29.45
56.18	10-11-98	USA	WILLIAM SPECHT	100 M.	FLY	K PIPES-NEILSEN	USA 12-14-03 1:03.31
2:02.97	10-11-98	USA	WILLIAM SPECHT	200 M.	FLY	K PIPES-NEILSEN	USA 10-27-02 2:20.71
59.57	01-26-03	ITA	ROBERTO TARRICONE	100 M.	I.M.	K PIPES-NEILSEN	USA 12-14-03 1:05.56
2:10.75	12-16-00	POL	DARIUSZ WOLNY	200 M.	I.M.	K PIPES-NEILSEN	USA 12-14-03 2:20.55
4:37.02	12-20-00	POL	DARIUSZ WOLNY	400 M.	I.M.	K PIPES-NEILSEN	USA 11-24-02 5:00.82

Fina Masters World Records - Short-Course Meters

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*****		M E N		*****		45-49		*****		W O M E N		*****	
24.09	04-27-03	JPN	BRENT BARNES	50	M. FREE	JENNY WHITELEY	AUS	09-06-03	27.77				
53.80	04-20-03	JPN	BRENT BARNES	100	M. FREE	JENNY WHITELEY	AUS	04-05-03	1:01.42				
2:00.13	12-15-96	USA	TIM BRODERICK	200	M. FREE	S HEIM-BOWEN	USA	10-05-03	2:10.91				
4:14.73	12-12-99	USA	JIM MCCONICA	400	M. FREE	S HEIM-BOWEN	USA	10-05-03	4:30.98				
8:56.08	10-13-96	USA	TIM BRODERICK	800	M. FREE	K HEIM-BOWEN	USA	09-07-03	9:35.19				
16:51.21	12-12-99	USA	JIM MCCONICA	1500	M. FREE	LAURA VAL	USA	10-10-98	18:55.82				
28.40	03-29-03	USA	FRITZ LEHMAN	50	M. BACK	LAURA VAL	USA	10-13-96	32.39				
1:00.09	03-29-03	USA	FRITZ LEHMAN	100	M. BACK	L VAN PELT-DILLER	USA	03-29-03	1:09.98				
2:12.10	05-16-03	CAN	WIESLAW MUSIAL	200	M. BACK	KAREN EINSIDLER	USA	12-09-01	2:36.25				
30.13	04-28-02	SWE	G CHRISTIANSEN	50	M. BRST	MAGGIE KELLY	GBR	02-24-01	34.64				
1:06.48	03-27-04	SWE	G CHRISTIANSEN	100	M. BRST	MAGGIE KELLY	GBR	10-20-01	1:17.21				
2:31.41	03-29-03	USA	GREGORY OXLEY	200	M. BRST	JENNY WHITELEY	AUS	06-28-03	2:48.38				
25.84	12-14-03	USA	PAUL CARTER	50	M. FLY	LAURA VAL	USA	10-13-96	30.50				
57.17	12-14-03	USA	PAUL CARTER	100	M. FLY	LAURA VAL	USA	10-13-96	1:07.80				
2:09.06	12-14-03	USA	WILLIAM SPECHT	200	M. FLY	LAURA VAL	USA	12-12-99	2:32.52				
1:02.20	12-07-03	USA	GREGORY OXLEY	100	M. I.M.	JENNY WHITELEY	AUS	08-16-03	1:09.68				
2:16.97	06-20-99	USA	TOM REUDY	200	M. I.M.	JENNY WHITELEY	AUS	09-06-03	2:34.02				
4:57.31	10-27-02	USA	GREG DOZER	400	M. I.M.	JENNY WHITELEY	AUS	10-25-03	5:28.91				
*****		M E N		*****		50-54		*****		W O M E N		*****	
24.26	12-07-03	USA	PAUL TREVISAN	50	M. FREE	JACKI HIRSTY	USA	12-15-02	28.54				
54.61	12-07-03	USA	PAUL TREVISAN	100	M. FREE	LAURA VAL	USA	10-21-01	1:01.49				
1:58.37	12-10-00	USA	JIM MCCONICA	200	M. FREE	LAURA VAL	USA	08-24-03	2:14.66				
4:07.99	12-10-00	USA	JIM MCCONICA	400	M. FREE	LAURA VAL	USA	10-05-03	4:45.72				
8:44.51	12-10-00	USA	JIM MCCONICA	800	M. FREE	LAURA VAL	USA	09-07-03	9:50.53				
16:33.02	12-10-00	USA	JIM MCCONICA	1500	M. FREE	LAURA VAL	USA	10-02-02	18:59.17				
28.96	03-06-04	RUS	V.GALAVTINE	50	M. BACK	J SWAGERTY-HILL	USA	10-27-02	32.55				
1:01.48	10-10-04	USA	TOM WOLF	100	M. BACK	LAURA VAL	USA	10-21-01	1:12.95				
2:14.03	10-10-04	USA	TOM WOLF	200	M. BACK	LAURA VAL	USA	10-05-03	2:41.20				
31.24	12-14-97	USA	DON MCKENZIE	50	M. BRST	PETRA SCHROER	GER	11-30-03	37.59				
1:09.88	03-17-02	RSA	TIMOTHY SHEAD	100	M. BRST	JONES ROY/SCHROER	U/G	01-00-03	1:22.53				
2:33.71	04-18-04	ITA	LORENZO MARUGO	200	M. BRST	ULRIKE URBANIAK	GER	10-12-03	2:57.49				
26.79	11-01-03	USA	GREG SHAW	50	M. FLY	ANGELA ZINGLER	GER	05-08-04	31.15				
1:00.08	10-12-03	USA	JOHN MCCALL	100	M. FLY	LAURA VAL	USA	10-21-01	1:09.05				
2:18.69	12-07-03	USA	SCOTT LAUTMAN	200	M. FLY	BARBARA DUNBAR	USA	10-03-99	2:44.84				
1:03.54	03-16-02	RSA	TIMOTHY SHEAD	100	M. I.M.	DANIELLE OGIER	USA	03-16-02	1:13.12				
2:19.27	10-10-04	USA	TOM WOLF	200	M. I.M.	DANIELLE OGIER	USA	03-17-02	2:37.52				
4:57.52	04-18-04	ITA	LORENZO MARUGO	400	M. I.M.	LAURA VAL	USA	10-13-02	5:36.28				
*****		M E N		*****		55-59		*****		W O M E N		*****	
25.00	12-09-01	USA	RICHARD ABRAHAMS	50	M. FREE	ARDETH MUELLER	USA	11-03-96	30.37				
56.51	12-09-01	USA	RICHARD ABRAHAMS	100	M. FREE	BARBARA DUNBAR	USA	09-12-04	1:07.59				
2:06.20	08-24-03	USA	TOD SPIEKER	200	M. FREE	BARBARA DUNBAR	USA	09-12-04	2:27.59				
4:28.73	08-24-03	USA	TOD SPIEKER	400	M. FREE	BARBARA DUNBAR	USA	06-13-04	5:06.14				
9:13.15	08-24-03	USA	TOD SPIEKER	800	M. FREE	BARBARA DUNBAR	USA	06-13-04	10:20.81				
17:35.21	08-24-03	USA	TOD SPIEKER	1500	M. FREE	JEN THOMASSON	AUS	08-29-98	20:49.11				
30.25	12-07-03	USA	HUGH WILDER	50	M. BACK	RACHEL BARTON	GBR	10-26-03	35.15				
1:04.89	12-10-00	USA	TIM BIRNIE	100	M. BACK	MARGIT OHLSSON	SWE	03-23-03	1:19.37				
2:21.80	08-24-03	USA	TOD SPIEKER	200	M. BACK	MARIA BALLA	FRA	03-17-01	2:56.86				
32.18	12-09-01	USA	ROBERT STRAND	50	M. BRST	JAN WICKS	AUS	08-25-01	38.32				
1:11.53	12-09-01	USA	ROBERT STRAND	100	M. BRST	BONNIE PRONK	CAN	11-22-97	1:25.92				
2:38.76	12-09-01	USA	ROBERT STRAND	200	M. BRST	BONNIE PRONK	CAN	11-22-97	3:08.87				
27.21	10-27-02	USA	STEVE BOROWSKI	50	M. FLY	JUDY WILSON	GBR	10-27-00	31.92				
1:02.74	10-27-02	USA	STEVE BOROWSKI	100	M. FLY	JUDY WILSON	GBR	10-21-01	1:12.99				
2:22.73	03-02-03	USA	FRED SCHLICHER	200	M. FLY	BARBARA DUNBAR	USA	09-12-04	2:51.88				
1:06.45	12-15-02	USA	DANIEL ROGACKI	100	M. I.M.	BRIGITTE MERTEN	GER	11-03-02	1:17.48				
2:27.19	04-02-00	USA	JOHN CALVERT	200	M. I.M.	ARDETH MUELLER	USA	11-02-97	2:52.43				
5:13.29	09-07-03	USA	TOD SPIEKER	400	M. I.M.	BARBARA DUNBAR	USA	09-12-04	6:04.58				
*****		M E N		*****		60-64		*****		W O M E N		*****	
26.31	12-10-00	USA	JEFF FARRELL	50	M. FREE	CHRISTEL SCHULZ	GER	06-21-03	32.15				
59.90	10-10-04	USA	DAVID QUIGGIN	100	M. FREE	JUDY WILSON	GBR	05-16-04	1:10.53				
2:15.84	03-17-02	USA	TOM LANDIS	200	M. FREE	JEN THOMASSON	AUS	05-04-03	2:38.28				
4:47.93	06-22-02	GBR	SANDY GALLETTY	400	M. FREE	JACKIE MARR	USA	04-06-03	5:27.75				
9:51.72	11-01-02	GBR	SANDY GALLETTY	800	M. FREE	YOSHIKO OSAKI	JPN	05-05-00	11:18.60				
19:01.87	11-01-02	GBR	SANDY GALLETTY	1500	M. FREE	JEN THOMASSON	AUS	05-03-03	21:29.24				
31.31	02-15-04	USA	ROBERT S SMITH	50	M. BACK	SATOKO TAKEUJI	JPN	05-26-02	36.38				
1:08.85	08-24-03	USA	RICHARD BURNS	100	M. BACK	SATOKO TAKEUJI	JPN	05-18-03	1:21.06				
2:34.17	08-24-03	USA	RICHARD BURNS	200	M. BACK	BONNIE PRONK	CAN	03-18-02	2:56.06				
33.64	05-14-00	JPN	YOSHIHIKO OSAKI	50	M. BRST	MONIKA SENFTLEBEN	GER	03-18-02	38.60				
1:16.56	12-14-03	USA	PETER ANDERSEN	100	M. BRST	HANNELORE ROSE	GER	10-06-02	1:26.43				
2:53.21	12-14-03	USA	DAVID GILDEA	200	M. BRST	BONNIE PRONK	CAN	03-16-02	3:06.48				
29.20	03-06-04	ESP	JOSEP CLARET	50	M. FLY	JUDY WILSON	GBR	05-16-04	34.56				
1:06.74	12-07-03	USA	ROBERT POILETMAN	100	M. FLY	JUDY WILSON	GBR	05-16-04	1:16.41				
2:34.65	12-07-03	USA	ROBERT POILETMAN	200	M. FLY	YOSHIKO OSAKI	JPN	06-18-00	3:05.20				
1:09.39	12-07-03	USA	ROBERT SMITH	100	M. I.M.	BONNIE PRONK	CAN	02-24-02	1:21.04				
2:35.04	05-17-99	CAN	JACK KELSO	200	M. I.M.	BONNIE PRONK	CAN	03-17-02	2:55.72				
5:34.43	08-24-03	USA	EDWARD CAZALET	400	M. I.M.	JEN THOMASSON	AUS	05-03-03	6:20.63				

Fina Masters World Records - Short-Course Meters

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***** M E N *****				***** 65-69 *****				***** W O M E N *****			
27.05	12-15-02	USA	JEFF FARRELL	50	M.	FREE	PAM HUTCHINGS	AUS	03-17-02	32.77	
1:01.36	12-15-02	USA	JEFF FARRELL	100	M.	FREE	YOSHIKO OSAKI	JPN	02-15-04	1:13.48	
2:18.71	12-15-02	USA	JEFF FARRELL	200	M.	FREE	YOSHIKO OSAKI	JPN	05-09-04	2:42.05	
5:06.06	04-26-03	ITA	FABRIZIO MOMONI	400	M.	FREE	YOSHIKO OSAKI	JPN	04-29-03	5:46.94	
10:35.13	06-02-96	USA	GRAHAM JOHNSTON	800	M.	FREE	YOSHIKO OSAKI	JPN	06-01-03	11:49.70	
19:53.18	06-02-96	USA	GRAHAM JOHNSTON	1500	M.	FREE	YOSHIKO OSAKI	JPN	05-09-04	22:35.98	
33.38	10-31-99	USA	YOSHI OYAKAWA	50	M.	BACK	PAM HUTCHINGS	AUS	09-08-01	38.25	
1:14.04	05-15-04	NZL	BARRY YOUNG	100	M.	BACK	PAM HUTCHINGS	AUS	09-08-01	1:25.53	
2:47.59	01-15-98	JPN	S SEKIKAWA	200	M.	BACK	PAM HUTCHINGS	AUS	09-08-01	3:08.61	
35.46	11-11-01	JPN	HIROSHI KOTEGAWA	50	M.	BRST	SHOKO YONEZAWA	JPN	01-20-02	43.07	
1:21.34	01-28-96	CAN	NICK TEMPLEMAN	100	M.	BRST	MASAYO AZUMA	JPN	02-12-00	1:34.50	
3:00.27	07-24-04	AUS	MICHAEL MOLONEY	200	M.	BRST	FLORA CONNOLLY	GBR	05-03-98	3:25.67	
30.70	10-06-01	USA	BOB BAILIE	50	M.	FLY	YOSHIKO OSAKI	JPN	05-25-03	36.79	
1:13.32	01-19-03	USA	BERT PETERSEN	100	M.	FLY	YOSHIKO OSAKI	JPN	05-25-03	1:25.28	
2:57.23	09-19-04	JPN	TAISUKE MIYAZAKI	200	M.	FLY	YOSHIKO OSAKI	JPN	06-08-03	3:17.36	
1:12.51	12-15-02	USA	JEFF FARRELL	100	M.	I.M.	YOSHIKO OSAKI	JPN	06-27-04	1:25.39	
2:46.35	12-15-02	USA	JEFF FARRELL	200	M.	I.M.	YOSHIKO OSAKI	JPN	04-11-04	3:06.37	
6:04.40	11-23-96	USA	GRAHAM JOHNSTON	400	M.	I.M.	YOSHIKO OSAKI	JPN	05-11-03	6:34.95	
***** M E N *****				***** 70-74 *****				***** W O M E N *****			
28.55	10-05-03	USA	RONALD JOHNSON	50	M.	FREE	JANE ASHER	GBR	05-22-04	33.86	
1:06.26	10-12-01	USA	GRAHAM JOHNSTON	100	M.	FREE	JANE ASHER	GBR	05-16-04	1:16.45	
2:24.31	12-09-01	USA	GRAHAM JOHNSTON	200	M.	FREE	JANE ASHER	GBR	10-25-03	2:49.28	
5:09.75	03-16-02	USA	GRAHAM JOHNSTON	400	M.	FREE	JANE ASHER	GBR	09-28-03	6:00.34	
10:52.68	10-12-01	USA	GRAHAM JOHNSTON	800	M.	FREE	JANE ASHER	GBR	02-23-01	12:32.86	
20:54.56	10-06-01	USA	GRAHAM JOHNSTON	1500	M.	FREE	JANE ASHER	GBR	11-23-03	24:00.81	
33.90	12-07-03	USA	YOSHI OYAKAWA	50	M.	BACK	JANE ASHER	GBR	09-09-01	42.44	
1:15.85	11-01-03	USA	YOSHI OYAKAWA	100	M.	BACK	JANE ASHER	GBR	04-29-01	1:34.17	
2:51.24	10-12-03	USA	BURWELL JONES	200	M.	BACK	JANE ASHER	GBR	07-29-01	3:20.96	
37.47	05-21-01	CAN	NICK TEMPLEMAN	50	M.	BRST	ELIANE PELLIS	BEL	02-08-03	44.00	
1:25.11	10-05-03	USA	RONALD JOHNSON	100	M.	BRST	ELIANE PELLIS	BEL	02-08-03	1:36.86	
3:12.98	10-05-03	USA	RONALD JOHNSON	200	M.	BRST	JUDIE OLIVER	CAN	04-07-02	3:44.03	
32.57	06-16-01	USA	RONALD JOHNSON	50	M.	FLY	JANE ASHER	GBR	09-30-01	39.82	
1:19.51	10-14-01	USA	RONALD JOHNSON	100	M.	FLY	JANE ASHER	GBR	10-21-01	1:34.70	
3:08.60	05-11-03	JPN	TAKASHI HAYASHI	200	M.	FLY	JUNE KRAUSER	USA	10-13-96	3:38.39	
1:15.92	06-16-01	USA	RONALD JOHNSON	100	M.	I.M.	JANE ASHER	GBR	04-29-01	1:31.75	
2:51.73	10-26-03	USA	BURWELL JONES	200	M.	I.M.	JUDIE OLIVER	CAN	04-07-02	3:21.52	
6:21.46	10-26-03	USA	BURWELL JONES	400	M.	I.M.	JANE ASHER	GBR	07-29-01	7:09.96	
***** M E N *****				***** 75-79 *****				***** W O M E N *****			
31.06	10-12-01	USA	FRANK PIEMME	50	M.	FREE	GAIL ROPER	USA	02-15-04	37.60	
1:11.55	12-10-00	USA	FRANK PIEMME	100	M.	FREE	JEAN TROY	USA	10-13-02	1:26.20	
2:46.55	05-29-04	BRA	ARAM BOGHOSSIAN	200	M.	FREE	JEAN TROY	USA	09-15-02	3:11.99	
6:01.32	12-10-00	USA	FRANK PIEMME	400	M.	FREE	JEAN TROY	USA	12-08-02	6:44.09	
12:07.94	11-24-03	JPN	HIROSHI YOSHIMURA	800	M.	FREE	JEAN TROY	USA	11-03-02	13:59.01	
22:52.00	11-24-03	JPN	HIROSHI YOSHIMURA	1500	M.	FREE	ELIZABETH WALLIS	AUS	06-25-02	27:33.16	
37.47	03-15-98	JPN	KEIJIRO NAKAMURA	50	M.	BACK	DORIS STEADMAN	USA	11-07-99	44.76	
1:24.21	03-15-98	JPN	KEIJIRO NAKAMURA	100	M.	BACK	DORIS STEADMAN	USA	12-10-00	1:39.76	
2:58.21	04-06-02	USA	ROGER FRANKS	200	M.	BACK	DORIS STEADMAN	USA	11-07-99	3:38.25	
39.97	05-14-00	JPN	TOSHIO TAJIMA	50	M.	BRST	EDITH BOHM	GER	01-26-03	47.15	
1:28.61	01-30-99	GER	ROBERT PFERSDORFF	100	M.	BRST	SYLVIA NEUHAUSER	AUT	03-14-04	1:47.80	
3:21.50	11-05-00	GER	KARL HAUTER	200	M.	BRST	SYLVIA NEUHAUSER	AUT	05-16-04	3:54.55	
34.83	12-10-00	USA	FRANK PIEMME	50	M.	FLY	GAIL ROPER	USA	02-15-04	46.14	
1:32.07	11-05-00	GER	ROBERT PFERSDORFF	100	M.	FLY	GAIL ROPER	USA	02-15-04	1:50.72	
3:26.72	04-24-99	GER	ROBERT PFERSDORFF	200	M.	FLY	LOIS KIVI NOCHMAN	USA	05-17-99	4:08.39	
1:24.90	12-10-00	USA	FRANK PIEMME	100	M.	I.M.	SYLVIA NEUHAUSER	AUT	05-16-04	1:45.44	
3:10.06	11-05-00	GER	KARL HAUTER	200	M.	I.M.	JUNE KRAUSER	USA	10-07-01	3:43.58	
6:52.62	11-04-01	GER	KARL HAUTER	400	M.	I.M.	JUNE KRAUSER	USA	10-07-01	7:52.71	
***** M E N *****				***** 80-84 *****				***** W O M E N *****			
32.61	06-20-04	JPN	KEIJIRO NAKAMURA	50	M.	FREE	MARGERY MEYER	USA	10-13-02	41.34	
1:16.09	05-18-03	JPN	KEIJIRO NAKAMURA	100	M.	FREE	MARGERY MEYER	USA	10-13-02	1:34.45	
3:00.63	10-10-99	USA	RAY TAFT	200	M.	FREE	MARGERY MEYER	USA	10-13-02	3:27.57	
6:27.60	12-12-99	USA	RAY TAFT	400	M.	FREE	MARGERY MEYER	USA	10-13-02	7:22.84	
13:29.27	12-12-99	USA	RAY TAFT	800	M.	FREE	MARGERY MEYER	USA	10-05-02	15:47.12	
25:35.01	12-12-99	USA	RAY TAFT	1500	M.	FREE	MARGERY MEYER	USA	10-05-02	29:39.08	
38.26	04-27-03	JPN	KEIJIRO NAKAMURA	50	M.	BACK	MARGERY MEYER	USA	10-13-02	50.03	
1:25.77	01-26-03	JPN	KEIJIRO NAKAMURA	100	M.	BACK	MARGERY MEYER	USA	10-13-02	1:55.79	
3:10.06	05-25-03	JPN	KEIJIRO NAKAMURA	200	M.	BACK	EDITH THEIN	ISR	02-21-98	4:03.55	
44.56	11-16-97	JPN	Y MIYAMOTO	50	M.	BRST	SATOKO SUZUKI	JPN	05-11-03	50.48	
1:43.91	11-03-97	JPN	Y MIYAMOTO	100	M.	BRST	SATOKO SUZUKI	JPN	05-11-03	1:54.30	
3:50.86	01-10-04	NED	MAX VAN GELDER	200	M.	BRST	DOROTHY WILLIAMS	GBR	04-06-03	4:38.57	
41.87	12-05-99	USA	ANDREW HOLDEN	50	M.	FLY	LOIS KIVI NOCHMAN	USA	01-18-04	55.65	
1:43.26	02-21-04	NED	MAX VAN GELDER	100	M.	FLY	LOIS KIVI NOCHMAN	USA	01-18-04	2:02.63	
4:00.64	06-08-97	USA	ANTON CERER	200	M.	FLY	LOIS KIVI NOCHMAN	USA	01-18-04	4:36.80	
1:35.31	12-12-99	USA	RAY TAFT	100	M.	I.M.	MARGERY MEYER	USA	10-05-03	2:02.01	
3:35.06	10-19-97	USA	ALDO DA ROSA	200	M.	I.M.	LOIS KIVI NOCHMAN	USA	02-08-04	4:30.54	
7:37.58	12-12-99	USA	RAY TAFT	400	M.	I.M.	LOIS KIVI NOCHMAN	USA	01-18-04	9:31.73	

FINA Masters World Records - Short-Course Meters

(as of 11-1-04)

***** M E N *****				85-89	***** W O M E N *****			
36.27	06-20-03	ARG	MIRIO VISENTIN	50 M. FREE	HISAKO KOGA	JPN	03-16-03	49.48
1:23.20	09-16-00	USA	JIM EUBANK	100 M. FREE	RITA SIMONTON	USA	11-08-03	1:49.64
3:13.45	09-16-00	USA	JIM EUBANK	200 M. FREE	RITA SIMONTON	USA	12-14-03	3:57.48
7:19.94	12-10-00	USA	JIM EUBANK	400 M. FREE	RITA SIMONTON	USA	12-14-03	8:17.82
15:15.68	11-05-00	USA	JIM EUBANK	800 M. FREE	RITA SIMONTON	USA	06-08-03	16:49.43
29:55.69	12-10-00	USA	JIM EUBANK	1500 M. FREE	RITA SIMONTON	USA	10-19-03	31:44.50
43.80	04-15-01	JPN	GORO KOBAYASHI	50 M. BACK	EDITH THEIN	ISR	01-04-03	57.72
1:39.08	05-12-02	JPN	GORO KOBAYASHI	100 M. BACK	EDITH THEIN	ISR	01-04-03	2:02.71
3:37.45	05-26-02	JPN	GORO KOBAYASHI	200 M. BACK	EDITH THEIN	ISR	01-04-03	4:18.50
47.70	06-16-02	JPN	Y MIYAMOTO	50 M. BRST	FUSAKO TOMINARI	JPN	05-09-04	1:08.15
1:50.32	01-30-00	JPN	HIROMU YOSHIMOTO	100 M. BRST	MARIA LENK	BRA	04-09-00	2:29.90
4:16.20	10-13-02	USA	ALDO DA ROSA	200 M. BRST	MICHIKO HAMURO	JPN	02-01-04	5:33.41
50.51	04-28-02	JPN	Y MIYAMOTO	50 M. FLY	JEAN DURSTON	USA	10-15-99	1:07.35
2:04.50	12-13-98	USA	WALTER PFEIFFER	100 M. FLY	JEAN DURSTON	USA	10-15-99	2:36.50
4:45.09	10-18-98	USA	WALTER PFEIFFER	200 M. FLY	JEAN DURSTON	USA	10-15-99	5:42.80
1:51.87	06-14-98	USA	WALTER PFEIFFER	100 M. I.M.	RITA SIMONTON	USA	06-08-03	2:21.11
4:07.59	09-29-02	USA	ALDO DA ROSA	200 M. I.M.	MARIA LENK	BRA	03-26-00	5:09.92
9:31.75	10-18-98	USA	WALTER PFEIFFER	400 M. I.M.	JEAN DURSTON	USA	10-15-99	10:55.73
***** M E N *****				90-94	***** W O M E N *****			
41.07	12-14-03	USA	WOODROW BOWERSOCK	50 M. FREE	JEWEL COOKE	USA	01-23-00	1:09.85
1:39.26	12-14-03	USA	WOODROW BOWERSOCK	100 M. FREE	JEWEL COOKE	USA	01-23-00	2:35.08
3:39.65	02-01-04	JPN	TOKISHI KOMEDA	200 M. FREE	MAXINE MERLINO	USA	11-24-02	5:34.59
8:50.65	12-11-93	USA	GUS LANGNER	400 M. FREE	MAXINE MERLINO	USA	03-17-02	10:45.34
19:31.83	12-14-03	USA	WOODROW BOWERSOCK	800 M. FREE	MAXINE MERLINO	USA	06-16-02	22:18.84
44:48.99	11-10-96	USA	GUS LANGNER	1500 M. FREE	MAXINE MERLINO	USA	11-24-02	44:27.18
53.24	06-30-02	GER	R REINSTADTLER	50 M. BACK	M GOTTSCHALK	GER	05-08-99	1:15.02
2:00.25	10-06-02	GER	R REINSTADTLER	100 M. BACK	M GOTTSCHALK	GER	10-30-99	2:45.49
4:20.68	10-06-02	GER	R REINSTADTLER	200 M. BACK	JEWEL COOKE	USA	12-05-99	6:32.92
1:03.85	01-20-02	GER	R REINSTADTLER	50 M. BRST	DOROTHY WESTON	GBR	04-06-03	1:21.91
2:32.87	05-26-02	JPN	MASAHISA KANEKO	100 M. BRST	DOROTHY WESTON	GBR	02-22-03	3:04.87
5:35.74	01-26-03	JPN	MASAHISA KANEKO	200 M. BRST	JEWEL COOKE	USA	12-05-99	9:03.85
56.09	10-19-03	USA	WALTER PFEIFFER	50 M. FLY	DOROTHY WESTON	GBR	02-22-03	1:34.61
2:21.82	10-19-03	USA	WALTER PFEIFFER	100 M. FLY	DOROTHY WESTON	GBR	04-06-03	3:21.00
5:37.23	10-19-03	USA	WALTER PFEIFFER	200 M. FLY				
2:08.86	02-15-04	JPN	TOKUSHI KOMEDA	100 M. I.M.	DOROTHY WESTON	GBR	02-22-03	3:06.08
5:13.24	12-14-03	USA	WALTER PFEIFFER	200 M. I.M.	MAXINE MERLINO	USA	11-08-03	6:25.12
11:15.65	10-19-03	USA	WALTER PFEIFFER	400 M. I.M.	JEWEL COOKE	USA	02-21-99	14:55.37
***** M E N *****				95-99	***** W O M E N *****			
57.57	10-14-98	USA	GUS LANGNER	50 M. FREE	MARGERY ANDERSON	CAN	10-10-98	2:02.29
2:19.51	10-11-98	USA	GUS LANGNER	100 M. FREE	MARGERY ANDERSON	CAN	10-10-98	4:35.98
5:13.46	10-11-98	USA	GUS LANGNER	200 M. FREE				
10:51.93	10-11-98	USA	GUS LANGNER	400 M. FREE				
22:05.55	10-11-98	USA	GUS LANGNER	800 M. FREE				
41:29.87	10-11-98	USA	GUS LANGNER	1500 M. FREE				
1:10.42	05-23-04	JPN	NORI YAMAMOTO	50 M. BACK	MARGERY ANDERSON	CAN	10-10-98	2:05.36
3:38.07	10-14-98	USA	GUS LANGNER	100 M. BACK				
7:01.87	03-18-02	AUS	ALFREDO CHERCHI	200 M. BACK				
1:31.60	10-11-98	USA	GUS LANGNER	50 M. BRST				
3:35.33	10-11-98	USA	GUS LANGNER	100 M. BRST				
7:29.31	12-16-98	USA	GUS LANGNER	200 M. BRST				
				50 M. FLY				
				100 M. FLY				
				200 M. FLY				
3:33.98	10-11-98	USA	GUS LANGNER	100 M. I.M.				
				200 M. I.M.				
				400 M. I.M.				
***** M E N *****				100-104	***** W O M E N *****			
2:06.66	09-30-95	USA	TOM LANE	50 M. FREE				
4:32.29	09-30-95	USA	TOM LANE	100 M. FREE				
				200 M. FREE				
				400 M. FREE				
				800 M. FREE				
				1500 M. FREE				
2:02.52	09-30-95	USA	TOM LANE	50 M. BACK				
				100 M. BACK				
				200 M. BACK				
				50 M. BRST				
				100 M. BRST				
				200 M. BRST				
				50 M. FLY				
				100 M. FLY				
				200 M. FLY				
				100 M. I.M.				
				200 M. I.M.				
				400 M. I.M.				

Fina Masters World Records - Short-Course Meters

(as of 11-1-04)

WRL SCM RECORDS AS OF 11-01-04

***** RELAY 200 M. FREE - WOMEN *****			***** RELAY 200 M. MEDLEY - WOMEN *****		
100-119 MICHIGAN-USA	03-31-96	1:45.93	100-119 SPENCER-GBR	10-26-97	2:04.54
DYNE BURRELL	SUSIE DEVLIN		HELEN JAMESON	SUSAN HILL	
MARY MUETING	SHEILA TAORMINA		SHOBHAN HARTLEY	HELEN DAY	
120-159 TEAM DASH-JPN	03-09-03	1:49.47	120-159 SPENCER-GBR	10-25-98	2:04.49
MIHO OKUHARA	YUKIKO OZAWA		HELEN JAMESON	SHOBHAN HARTLEY	
CHIHIRO SAITO	YAYOI SAKAMOTO		NICOLA SOMMERS	SUSAN HILL	
160-199 AZ & PC - NED	02-21-04	1:53.18	160-199 SAN DIEGO	10-05-03	2:06.09
MARJA BLOEMZAAD	PETRA FROWIJN		K PIPES-NEILSEN	CAROLINE KRATTLI	
ATIE PYTAK	LIDIA VAN BON		VICKY DAVIDSON	JANET COOVER	
200-239 SAN DIEGO-USA	12-14-03	2:04.54	200-239 KENILWORTH-GBR	11-03-02	2:16.56
K PIPES-NEILSEN	CAROLINE KRATTLI		JACQUILINE GRACE	ELAINE BROMWICH	
LUNN LUND	JACKIE MARR		JUDY WILSON	MICHELLE DIGE	
240-279 DC MASTERS-USA	03-25-00	2:19.96	240-279 ST KANSAI-JPN	06-18-00	2:37.58
BARBARA FRID	BETH SCHREINER		HISAKO ISHIDA	KAZUKO KAJIWARA	
JAYNE BRUNER	JOANN LEILICH		YOSHIKO OSAKI	FUSAKO HIROOKA	
280-319 SOLK HELLAS-SWE	03-17-01	2:42.44	280-319 I.TAKATSUKI-JPN	02-01-04	3:07.77
B HJALMARSSON	MARIANNE GRANE		KEIKO FUJIMOTO	KAZUMI KUWATA	
KERSTIN GJORES	BRITT GRILLI		HISAKO SATO	KIYOKO IKEUCHI	
320-359 MAVERICKS-USA	10-13-02	3:25.71	320-359 MAVERICKS-USA	10-13-02	4:13.67
JEAN TROY	KAY SCHIMPF		REGAN KENNER	GERTRUD ZINT	
GERTRUD ZINT	FLORENCE CARR		FLORENCE CARR	KAY SCHIMPF	
360-399			360-399		

***** RELAY 200 M. FREE - M E N *****			***** RELAY 200 M. MEDLEY - M E N *****		
100-119 SAO PAULO-BRA	09-28-02	1:33.28	100-119 HELSINGOR-DEN	12-05-00	1:43.12
EDUARDO SCHIESARI	CARLOS FILHO		JEPPE B NIELSEN	MARTIN WEBER	
CUILHERME REIS	FRANCIS NASSAR		CHRISTIAN NIELSEN	DARRYL CRONJE	
120-159 SODERTALIE-SWE	10-05-02	1:34.59	120-159 CALGARY-CAN	03-30-03	1:44.09
JOHN MIRANDA	JOHN AKESSON		JEFF WELECUK	RUSS PATRICK	
ANDERS BLADH	PATRIC ROBERTSSON		MARK JESSEE	PETER HENRY	
160-199 ACADEMIA-BRA	11-09-02	1:39.45	160-199 POLISPORTIV-ITA	01-11-04	1:49.87
PAULO NEGRINI	LEONIDAS NETO		PAOLO FELOTTI	MARCO BOBBIO	
RICARDO DAVIS	RICARDO SANTOS		ROBERTO TARRICONE	GENNARO LA SALA	
200-239 COLONIALS-USA	12-07-03	1:40.71	200-239 GOLD-USA	12-03-00	1:57.07
PAUL TREVISAN	THOMAS MEADE		JOHN SPIRE	GEORGE SCHMIDT	
MICHAEL SLENKER	GREGORY OXLEY		JOEL BURNS	ROGER HAWKINS	
240-279 SAN DIEGO-USA	12-14-03	1:50.90	240-279 OREGON-USA	12-07-03	2:05.07
PETER ANDERSEN	MIKE FRESHLY		ROBERT SMITH	ALLEN STARK	
MICHAEL AHERN	VINUS VAN BAALEN		BERT PETERSEN	TOM LANDIS	
280-319 TEAM TEXAS-USA	10-06-01	2:04.66	280-319 DOLPHIN-JPN	10-19-03	2:26.99
GRAHAM JOHNSTON	FRANK CAMPBELL		S SEKIKAWA	MAMORU TANAKA	
EUGENE FERGUSON	BOB BAILIE		HISAO MIKURIYA	JIRO NAGASAWA	
320-359 JUEI CLUB-JPN	04-27-03	2:20.85	320-359 JUEI CLUB-JPN	04-27-03	2:50.63
SHOICHI SHIDA	KEIJIRO NAKAMURA		KEIJIRO NAKAMURA	K SHIRAYAMA	
KATSUZO SHIRAYAMA	ISAMU TAMURA		SHOICHI SHIDA	ISAMU TAMURA	
360-399			360-399		

***** RELAY 200 M. FREE - MIXED *****			***** RELAY 200 M. MEDLEY - MIXED *****		
100-119 EL SEGUNDO-USA	12-14-97	1:41.62	100-119 TEAM DASH - JPN	02-01-04	1:52.76
BERT BERGEN	D GRANER GALLAS		HIDEAKI OGAWA	HIDEAKI TOGO	
MARCEL RINZLER	HEIDI HANNENIAN		YAYOI SAKAMOTO	MIHO OKUHARA	
120-159 METR-USA	11-18-01	1:42.59	120-159 TEAM DASH - JPN	11-11-01	1:54.13
MARC GRABISCH	JANET HARRIS		KENTARO NAKAMURA	TAKASHI HIRAKAWA	
MARIA DOELGER	MICHAEL BOOSIN		CHIHIRO SUGIMOTO	YUKIKO OZAWA	
160-199 NOTTINGHAM-GBR	10-25-03	1:47.12	160-199 N TORONTO-CAN	03-28-04	1:59.40
KEVIN HARRISON	MARGARET HOHMAN		DEREK MURCHIE	JUDY GARAY	
JOANNE BULLOCK	MIKE BRETT		JOHN SCOTT	KATIE OSBORNE	
200-239 NEW ENGLAND-USA	11-10-02	1:49.36	200-239 NEW ENGLAND-USA	11-10-02	2:03.52
DANIEL ROGACKI	JOEL FELDMANN		JOEL FELDMANN	DANIEL ROGACKI	
JENNIFER LUKER	GREG SHAW		GREG SHAW	JENNIFER LUKER	
240-279 FHM BIRMING-GBR	10-25-03	2:05.13	240-279 KANSAI-JPN	10-29-00	2:17.68
JOHN TENNANT	JUDY WILSON		YOSHIKO OSAKI	YOSHIHIKO OSAKI	
PAULINE COOKE	KEN WILLIAMS		CHITOSHI KONISHI	FUSAKO HIROOKA	
280-319 JUEI CLUB-JPN	04-29-03	2:17.03	280-319 JUEI CLUB-JPN	01-26-03	2:40.74
TERUKO NISHISAKO	MIYOKO IMURA		KEIJIRO NAKAMURA	TERUKO NISHISAKO	
SHOICHI SHIDA	KEIJIRO NAKAMURA		SHOSHIN MORI	YURIKO NAGAMATSU	
320-359 F MAVERICKS-USA	10-12-03	2:57.86	320-359 SUNWAY YOKO-JPN	02-01-04	3:21.16
FLORENCE CARR	JUNE REYNOLDS		SHOGORO AZUMA	Y.MIYAMOTO	
PAUL HUTINGER	BRUD CLEVELAND		SHOKO YONEZAWA	MAAE KURATA	
360-399 RIO MASTERS-BRA	05-29-04	5:19.01	360-399 COAST MSTR-USA	10-19-03	5:12.04
MANOEL LOUREIRO	LUZIA CARACCILOLO		MADELEINE MILLER	MAXINE MERLINO	
MARIA LENK	GASTAO FIGUEIREDO		WALTER PFEIFFER	WOODROW BOWERSOCK	

Fina Masters World Records - Long-Course Meters

(as of 11-1-04)

WRL LCM RECORDS AS OF 11-01-04

***** M E N *****										***** W O M E N *****																																																																																																																																														
25-29					30-34					35-39					40-44																																																																																																																																									
22.59	08-28-83	USA	KEVIN DEFORREST	50 M. FREE	ANNABEL KOSTEN	NED	02-15-04	25.42	50.74	08-13-00	USA	NICK SHACKELL	100 M. FREE	ALISON SHEPPARD	GBR	05-30-98	58.22	1:52.17	08-23-92	USA	JOHN KEPPELER	200 M. FREE	SARA SHAND	USA	- -89	2:07.11	4:00.98	08-18-02	USA	HONZA VITAZKA	400 M. FREE	SARA SHAND	USA	- -89	4:27.53	8:24.67	06-29-97	USA	ALEX KOSTICH	800 M. FREE	EVA MORTENSEN	GBR	04-26-96	9:17.09	16:13.89	08-10-97	USA	ALEX KOSTICH	1500 M. FREE	AMY POPE	USA	08-28-88	17:38.78	26.68	06-05-94	GBR	MARTIN HARRIS	50 M. BACK	NAHOMI ERIGUCHI	JPN	10-03-04	30.52	57.45	04-13-97	NZL	JON WINTER	100 M. BACK	ALISON SHEPPARD	GBR	05-29-98	1:05.02	2:05.86	06-05-94	GBR	MARTIN HARRIS	200 M. BACK	KANA OHASHI	JPN	09-26-04	2:19.08	28.68	06-25-96	GBR	JAMES PARRACK	50 M. BRST	S SEMINATORE	ITA	- -89	32.01	1:04.11	06-24-96	GBR	JAMES PARRACK	100 M. BRST	MANUELA NAECKEL	GER	06-25-99	1:13.15	2:20.25	10-07-02	AUS	SIMON LEIGHFIELD	200 M. BRST	HITOMI MAEHARA	JPN	07-21-03	2:40.83	24.88	03-29-98	NZL	JON WINTER	50 M. FLY	MARJA PARSSINEN	FIN	10-26-97	28.09	55.35	08-18-02	USA	HONZA VITAZKA	100 M. FLY	ROSEMARIE SEAMAN	USA	- -87	1:03.91	2:04.14	09-28-03	JPN	KIMITAKE MINOBE	200 M. FLY	S PALMER-WHITE	AUS	- -92	2:18.69	2:06.33	08-18-02	USA	HONZA VITAZKA	200 M. I.M.	SHARRON DAVIES	GBR	- -90	2:22.00	4:31.47	07-09-94	FRA	NICOLAS GRANGER	400 M. I.M.	SHARRON DAVIES	GBR	- -90	5:05.29
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23.21	11-24-90	USA	ROWDY GAINES	50 M. FREE	TONI JEFFS	NZL	03-30-02	25.99	51.50	07-14-91	USA	ROWDY GAINES	100 M. FREE	ANGEL MARTINO	USA	06-03-00	57.09	1:54.04	07-13-90	USA	ROWDY GAINES	200 M. FREE	BETH KNIGHT	USA	08-20-89	2:07.84	4:05.61	08-11-02	USA	ERIC HOCHSTEIN	400 M. FREE	K PIPES-NEILSEN	USA	08-11-96	4:28.76	8:40.19	11-14-93	USA	ROWDY GAINES	800 M. FREE	LYNN MARSHALL	CAN	07-05-92	9:16.82	16:35.67	04-11-03	GER	SEBASTIAN WIESE	1500 M. FREE	KAREN BURTON	USA	05-19-96	17:38.70	26.64	03-29-02	GBR	MARTIN HARRIS	50 M. BACK	D GRANER GALLAS	USA	06-26-96	30.94	57.24	06-02-00	GBR	MARTIN HARRIS	100 M. BACK	D GRANER GALLAS	USA	06-27-96	1:05.42	2:02.75	11-24-00	BRA	ROGERIO ROMERO	200 M. BACK	K PIPES-NEILSEN	USA	08-11-96	2:18.98	29.17	08-27-03	AUT	P SCHMOLLINGER	50 M. BRST	WENKE HANSEN	USA	08-23-99	33.84	1:04.40	08-29-03	AUT	P SCHMOLLINGER	100 M. BRST	MARGARET HOHMANN	GBR	- -88	1:14.52	2:20.43	08-25-99	GBR	NICK GILLINGHAM	200 M. BRST	WENKE HANSEN	USA	08-23-99	2:41.51	25.16	07-08-00	USA	BRIAN ALDERMAN	50 M. FLY	ANGEL MARTINO	USA	06-03-00	27.59	56.25	08-15-04	USA	RAZVAN PETCU	100 M. FLY	ANGEL MARTINO	USA	07-23-00	1:00.03	2:03.85	08-04-95	USA	BOBBY PATTEN	200 M. FLY	EUGENIYA OJOGUINA	RUS	08-26-99	2:20.07	2:08.89	07-29-00	FRA	NICOLAS GRANGER	200 M. I.M.	NADINE DAY	USA	06-04-04	2:24.12	4:39.92	07-31-00	FRA	NICOLAS GRANGER	400 M. I.M.	HIDEKA KOSHIMIZU	JPN	10-22-95	5:05.05
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23.20	07-17-94	JPN	ROWDY GAINES	50 M. FREE	TRACIE MOLL	USA	08-23-99	26.66	51.49	07-16-95	USA	ROWDY GAINES	100 M. FREE	TRACIE MOLL	USA	08-23-98	58.38	1:54.86	08-17-01	USA	RICHARD SAEGER	200 M. FREE	K PIPES-NEILSEN	USA	08-10-97	2:06.94	4:07.64	07-16-95	USA	ROWDY GAINES	400 M. FREE	K PIPES-NEILSEN	USA	08-10-97	4:26.17	8:38.73	11-12-95	USA	ROWDY GAINES	800 M. FREE	K PIPES-NEILSEN	USA	08-16-97	9:16.20	16:37.34	11-13-94	USA	ROWDY GAINES	1500 M. FREE	K PIPES-NEILSEN	USA	08-13-00	17:46.58	27.50	08-15-04	USA	MICHAEL ROSS	50 M. BACK	K PIPES-NEILSEN	USA	05-22-99	31.43	59.91	08-20-00	USA	ERIC ERICSON	100 M. BACK	K PIPES-NEILSEN	USA	08-09-98	1:06.29	2:09.26	07-09-00	USA	DANIEL VEATCH	200 M. BACK	K PIPES-NEILSEN	USA	08-10-97	2:18.20	29.09	08-23-98	USA	WALLY DICKS	50 M. BRST	SYLVIA GERASCH	GER	06-06-04	33.64	1:04.73	06-07-04	GBR	NICK GILLINGHAM	100 M. BRST	CAROLINE KRATTLI	USA	08-17-01	1:13.81	2:20.29	06-05-04	GBR	NICK GILLINGHAM	200 M. BRST	CAROLINE KRATTLI	USA	08-19-01	2:41.76	25.00	08-18-02	USA	WADE KING	50 M. FLY	TRACIE MOLL	USA	08-23-99	28.32	56.07	08-15-04	USA	MICHAEL ROSS	100 M. FLY	TRACIE MOLL	USA	08-23-99	1:03.79	2:06.74	06-26-96	USA	JEFF STUART	200 M. FLY	K PIPES-NEILSEN	USA	08-10-97	2:20.21	2:08.19	08-03-02	USA	RON KARNAUGH	200 M. I.M.	K PIPES-NEILSEN	USA	06-29-97	2:25.31	4:42.45	03-28-02	FRA	NICHOLAS GRANGER	400 M. I.M.	K PIPES-NEILSEN	USA	06-29-97	5:07.21
***** M E N *****										***** W O M E N *****																																																																																																																																														
24.14	07-13-03	USA	DAVID BOATWRIGHT	50 M. FREE	MARIA DOELGER	USA	08-17-03	26.88	53.66	07-17-04	SWE	JOAKIM SJOHOLM	100 M. FREE	MARIA DOELGER	USA	08-17-03	58.43	1:58.50	06-18-04	GER	KAI DITZEL	200 M. FREE	K PIPES-NEILSEN	USA	08-01-04	2:09.34	4:15.57	08-19-01	USA	BRETT PHILLIPS	400 M. FREE	K PIPES-NEILSEN	USA	08-11-02	4:28.24	8:46.84	06-21-03	GER	MICHAEL KLEIBER	800 M. FREE	K PIPES-NEILSEN	USA	09-29-02	9:24.77	16:45.53	06-22-03	GER	MICHAEL KLEIBER	1500 M. FREE	K PIPES-NEILSEN	USA	08-11-03	17:56.52	27.88	08-18-02	USA	CLAY BRITT	50 M. BACK	BEVERLEY MCCARNEY	RSA	06-08-04	31.99	1:00.91	08-18-02	USA	CLAY BRITT	100 M. BACK	K PIPES-NEILSEN	USA	08-01-04	1:08.66	2:15.49	08-23-99	USA	WILLIAM SPECHT	200 M. BACK	K PIPES-NEILSEN	USA	08-11-03	2:25.91	30.51	08-01-00	GER	GERHARD AMMER	50 M. BRST	CAROLINE KRATTLI	USA	03-27-02	33.79	1:08.01	08-20-00	USA	DAVID GUTHRIE	100 M. BRST	CAROLINE KRATTLI	USA	03-28-02	1:13.82	2:28.54	08-20-00	USA	DAVID GUTHRIE	200 M. BRST	CAROLINE KRATTLI	USA	03-26-02	2:42.06	25.87	08-20-00	USA	PAUL SMITH	50 M. FLY	ELIZABETH EMERY	USA	08-18-02	28.97	57.57	08-17-01	USA	PAUL CARTER	100 M. FLY	K PIPES-NEILSEN	USA	08-01-04	1:04.84	2:05.55	07-11-04	USA	DENNIS BAKER	200 M. FLY	K PIPES-NEILSEN	USA	05-25-03	2:25.69	2:15.10	06-04-04	USA	JENS-PETER BERNDT	200 M. I.M.	K PIPES-NEILSEN	USA	08-01-04	2:26.83	4:49.62	07-31-00	POL	DARIUSZ WOLNY	400 M. I.M.	K PIPES-NEILSEN	USA	08-01-04	5:09.83

Fina Masters World Records - Long-Course Meters

(as of 11-1-04)

*****		M E N		*****		45-49		*****		W O M E N		*****	
24.26	07-19-04	JPN	BRENT BARNES	50	M. FREE	BERGER-TALOCHINO	FRA	03-30-02	28.07				
53.90	08-23-99	USA	JACK GROSELLE	100	M. FREE	S HEIM-BOWEN	USA	08-17-03	1:02.11				
2:00.89	08-18-02	USA	DAN STEPHENSON	200	M. FREE	S HEIM-BOWEN	USA	08-17-03	2:13.17				
4:21.13	08-18-02	USA	DAN STEPHENSON	400	M. FREE	S HEIM-BOWEN	USA	08-17-03	4:39.20				
8:58.84	08-23-99	USA	JIM MCCONICA	800	M. FREE	S HEIM-BOWEN	USA	08-17-03	9:24.53				
17:31.23	08-23-98	USA	TODD BRYAN	1500	M. FREE	S HEIM-BOWEN	USA	08-17-03	17:55.83				
29.18	02-10-02	USA	PETER ROCCA	50	M. BACK	LAURA VAL	USA	07-27-97	32.93				
1:02.62	08-17-03	USA	FRITZ LEHMAN	100	M. BACK	LESLEY WILDE	GBR	04-25-04	1:12.69				
2:18.61	08-17-03	CAN	WIESLAW MUSIAL	200	M. BACK	LESLEY WILDE	GBR	04-25-04	2:36.03				
30.41	03-27-02	SWE	G CHRISTIANSEN	50	M. BRST	MAGGIE KELLY	GBR	07-08-01	34.74				
1:09.38	03-28-02	SWE	G CHRISTIANSEN	100	M. BRST	MAGGIE KELLY	GBR	07-08-01	1:18.19				
2:35.11	03-26-02	SWE	G CHRISTIANSEN	200	M. BRST	JENNY WHITELEY	AUS	03-16-03	2:55.96				
26.12	08-11-02	USA	PAUL CARTER	50	M. FLY	ANGELA ZINGLER	GER	07-06-01	30.30				
56.85	08-11-02	USA	PAUL CARTER	100	M. FLY	ANGELA ZINGLER	GER	07-06-01	30.30				
2:10.97	08-11-02	USA	PAUL CARTER	200	M. FLY	ANGELA ZINGLER	GER	07-06-01	30.30				
				100	M. I.M.	LAURA VAL	USA	08-23-98	2:31.37				
				200	M. I.M.	LAURA VAL	USA	08-23-98	2:31.37				
2:18.61	06-04-04	UKR	SERGII FESENKO	200	M. I.M.	COLETTE CRABBE	USA	08-17-03	2:35.74				
4:59.83	06-07-04	BRA	DJAN MADRUGA	400	M. I.M.	COLETTE CRABBE	USA	08-17-03	5:38.12				
*****		M E N		*****		50-54		*****		W O M E N		*****	
24.60	08-23-98	USA	RICHARD ABRAHAMS	50	M. FREE	LAURA VAL	USA	08-18-01	28.22				
55.41	08-15-04	USA	TRIP HEDRICK	100	M. FREE	LAURA VAL	USA	08-19-01	1:01.13				
2:02.50	08-20-00	USA	JIM MCCONICA	200	M. FREE	LAURA VAL	USA	08-17-01	2:15.37				
4:19.47	08-20-00	USA	JIM MCCONICA	400	M. FREE	LAURA VAL	USA	07-14-02	4:47.93				
9:03.84	08-16-01	USA	JIM MCCONICA	800	M. FREE	LAURA VAL	USA	07-14-02	9:52.55				
17:08.33	08-20-00	USA	JIM MCCONICA	1500	M. FREE	LAURA VAL	USA	07-15-01	19:08.69				
29.81	08-15-04	USA	TOM WOLF	50	M. BACK	J SWAGERTY-HILL	USA	08-18-02	32.87				
1:04.83	08-15-04	USA	TOM WOLF	100	M. BACK	J SWAGERTY-HILL	USA	08-18-02	1:14.44				
2:20.51	08-15-04	USA	TOM WOLF	200	M. BACK	LAURA VAL	USA	07-14-02	2:46.81				
32.16	08-23-98	USA	ROBERT STRAND	50	M. BRST	PETRA SCHROER	GER	07-04-04	37.93				
1:11.49	06-07-04	USA	JACK GROSELLE	100	M. BRST	PETRA SCHROER	GER	07-03-04	1:24.85				
2:35.08	06-05-04	ITA	LORENZO MARUGO	200	M. BRST	ULRIKE URBANIAK	GER	06-05-04	3:03.23				
26.23	07-18-04	USA	TRIP HEDRICK	50	M. FLY	ANGELA ZINGLER	GER	06-04-04	30.24				
59.49	08-15-04	USA	TRIP HEDRICK	100	M. FLY	ANGELA ZINGLER	GER	06-04-04	30.24				
2:21.40	07-25-04	USA	SCOTT LAUTMAN	200	M. FLY	ANGELA ZINGLER	GER	06-04-04	30.24				
				100	M. I.M.	LAURA VAL	USA	08-17-01	1:07.81				
				200	M. I.M.	LAURA VAL	USA	08-17-01	1:07.81				
2:23.06	06-04-04	ITA	LORENZO MARUGO	200	M. I.M.	LAURA VAL	USA	07-14-02	2:41.31				
5:03.27	06-07-04	ITA	LORENZO MARUGO	400	M. I.M.	LAURA VAL	USA	07-14-02	5:42.80				
*****		M E N		*****		55-59		*****		W O M E N		*****	
25.53	08-18-02	USA	RICHARD ABRAHAMS	50	M. FREE	JUDY WILSON	GBR	08-03-00	30.33				
58.23	08-18-02	USA	RICHARD ABRAHAMS	100	M. FREE	SANDERINA KRUGER	RSA	06-04-04	1:08.08				
2:10.90	06-08-04	RSA	TERENCE DOWNES	200	M. FREE	BARBARA DUNBAR	USA	08-15-04	2:28.56				
4:38.81	07-13-03	USA	TOD SPIEKER	400	M. FREE	BARBARA DUNBAR	USA	08-01-04	5:08.91				
9:40.68	08-17-03	USA	TOD SPIEKER	800	M. FREE	BARBARA DUNBAR	USA	01-11-04	10:35.34				
18:57.38	08-01-04	USA	TOD SPIEKER	1500	M. FREE	BARBARA DUNBAR	USA	01-11-04	19:52.61				
30.78	06-06-04	USA	HUGH WILDER	50	M. BACK	B BARNETT-SALLEE	USA	03-29-02	35.55				
1:07.81	06-01-02	USA	HUGH WILDER	100	M. BACK	B BARNETT-SALLEE	USA	03-30-02	1:17.51				
2:30.82	08-13-03	USA	TOD SPIEKER	200	M. BACK	B BARNETT-SALLEE	USA	03-27-02	2:51.07				
33.03	07-18-93	JPN	HIROSHI KOTEGAWA	50	M. BRST	JAN WICKS	AUS	07-28-01	38.30				
1:14.80	08-17-01	USA	ROBERT STRAND	100	M. BRST	HANNELORE ROESE	GER	08-24-01	1:29.06				
2:46.31	07-15-01	USA	ROBERT STRAND	200	M. BRST	BONNIE PRONK	CAN	08-19-01	3:13.90				
27.43	08-18-02	USA	RICHARD ABRAHAMS	50	M. FLY	JUDY WILSON	GBR	07-29-00	32.24				
1:03.90	08-20-00	USA	RICHARD ABRAHAMS	100	M. FLY	JUDY WILSON	GBR	06-02-00	1:13.71				
2:33.32	08-18-02	USA	ROBERT POILETMAN	200	M. FLY	BARBARA DUNBAR	USA	08-01-04	2:53.74				
				100	M. I.M.	BRIGITTE MERTEN	GER	08-28-03	2:53.72				
				200	M. I.M.	BRIGITTE MERTEN	GER	06-07-04	6:14.40				
2:30.33	08-20-00	USA	JOHN CALVERT	200	M. I.M.	BRIGITTE MERTEN	GER	06-07-04	6:14.40				
5:26.63	08-20-00	USA	JOHN CALVERT	400	M. I.M.	BRIGITTE MERTEN	GER	06-07-04	6:14.40				
*****		M E N		*****		60-64		*****		W O M E N		*****	
26.70	08-10-98	USA	JEFF FARRELL	50	M. FREE	CHRISTEL SCHULZ	GER	06-09-04	31.55				
1:00.11	08-11-98	USA	JEFF FARRELL	100	M. FREE	CHRISTEL SCHULZ	GER	06-04-04	1:10.29				
2:17.43	03-29-02	USA	TOM LANDIS	200	M. FREE	CHRISTEL SCHULZ	GER	03-29-02	2:38.99				
4:57.03	06-01-02	GBR	SANDY GALLETTY	400	M. FREE	JACKIE MARR	USA	06-05-04	5:39.72				
10:06.75	06-01-02	GBR	SANDY GALLETTY	800	M. FREE	JEN THOMASSON	AUS	02-22-03	11:33.65				
19:25.68	05-31-02	GBR	SANDY GALLETTY	1500	M. FREE	JACKIE MARR	USA	08-15-04	22:29.85				
32.11	06-22-03	USA	RICHARD BURNS	50	M. BACK	SATOKO TAKEUJI	JPN	10-06-02	36.65				
1:11.96	07-13-03	USA	RICHARD BURNS	100	M. BACK	SATOKO TAKEUJI	JPN	07-21-02	1:20.43				
2:39.50	03-27-02	NZL	BARRY YOUNG	200	M. BACK	SATOKO TAKEUJI	JPN	07-21-02	2:58.02				
34.42	08-17-03	USA	PETER ANDERSEN	50	M. BRST	MONIKA SENFTLEBEN	GER	03-27-02	38.48				
1:18.28	03-28-02	FIN	ALBERT KOSTITSYN	100	M. BRST	BONNIE PRONK	CAN	03-28-02	1:27.64				
2:55.26	06-05-04	ISR	GERSHON SHEFA	200	M. BRST	BONNIE PRONK	CAN	03-26-02	3:14.49				
29.22	04-24-04	ESP	JOSEP CLARET	50	M. FLY	JUDY WILSON	GBR	06-04-04	33.47				
1:07.04	06-07-03	USA	ROBERT POILETMAN	100	M. FLY	JUDY WILSON	GBR	06-06-04	1:17.34				
2:33.72	07-20-03	USA	ROBERT POILETMAN	200	M. FLY	JUDY WILSON	GBR	06-09-04	3:12.48				
				100	M. I.M.	BONNIE PRONK	CAN	03-25-02	3:00.52				
				200	M. I.M.	HANNELORE ROSE	GER	02-24-02	6:33.09				
2:40.95	08-11-03	USA	ED CAZALET	200	M. I.M.	HANNELORE ROSE	GER	02-24-02	6:33.09				
5:46.59	06-07-04	ITA	GIAMPIERO FOSSATI	400	M. I.M.	HANNELORE ROSE	GER	02-24-02	6:33.09				

Fina Masters World Records - Long-Course Meters

(as of 11-1-04)

***** M E N *****				65-69	***** W O M E N *****			
27.15	03-30-02	USA	JEFF FARRELL	50 M. FREE	OLGA KREJCI	SUI	03-30-02	33.38
1:02.79	03-25-02	USA	JEFF FARRELL	100 M. FREE	YOSHIKO OSAKI	JPN	08-29-04	1:13.05
2:21.74	06-26-96	ESP	ROBERTO ALBERICHE	200 M. FREE	YOSHIKO OSAKI	JPN	09-26-04	2:42.91
5:01.81	03-23-03	ITA	MOMONI FABRIZIO	400 M. FREE	YOSHIKO OSAKI	JPN	07-21-03	5:46.27
10:26.60	02-02-03	ITA	MOMONI FABRIZIO	800 M. FREE	YOSHIKO OSAKI	JPN	11-02-03	12:06.31
20:08.74	02-29-04	ITA	MOMONI FABRIZIO	1500 M. FREE	LAVELLE STOINOFF	USA	07-26-98	23:42.01
33.54	08-23-99	USA	YOSHI OYAKAWA	50 M. BACK	PAM HUTCHINGS	AUS	03-29-02	38.85
1:16.78	08-23-99	USA	YOSHI OYAKAWA	100 M. BACK	PAM HUTCHINGS	AUS	03-30-02	1:27.51
2:51.19	02-28-98	JPN	S SEKIKAWA	200 M. BACK	PAM HUTCHINGS	AUS	03-27-02	3:13.06
35.56	06-06-04	JPN	YOSHIHIKI OSAKI	50 M. BRST	SHOKO YONEZAWA	JPN	03-27-02	42.78
1:23.88	03-28-02	GBR	THOMAS WALKER	100 M. BRST	LUISE KNOEPFLE	GER	06-07-04	1:36.41
3:02.13	04-17-04	AUS	MICHAEL MOLONEY	200 M. BRST	LUISE KNOEPFLE	GER	06-05-04	3:27.71
30.81	08-13-98	USA	RONALD JOHNSON	50 M. FLY	YOSHIKO OSAKI	JPN	09-28-03	37.54
1:12.78	03-21-04	NZL	BARRY YOUNG	100 M. FLY	YOSHIKO OSAKI	JPN	07-21-03	1:27.73
3:01.71	07-19-04	JPN	TAISUKE MIYAZAKI	200 M. FLY	FLORA CONNOLLY	GBR	05-29-98	3:33.04
				100 M. I.M.				
2:45.17	03-20-04	NZL	BARRY YOUNG	200 M. I.M.	YOSHIKO OSAKI	JPN	09-28-03	3:11.94
5:52.79	03-20-04	NZL	BARRY YOUNG	400 M. I.M.	FLORA CONNOLLY	GBR	05-30-98	7:06.75
***** M E N *****				70-74	***** W O M E N *****			
28.66	08-17-01	USA	RONALD JOHNSON	50 M. FREE	JANE ASHER	GBR	06-09-04	34.64
1:05.81	09-01-02	GER	WOLFRAM GOTTFRIED	100 M. FREE	JANE ASHER	GBR	04-25-04	1:17.94
2:29.29	07-22-01	USA	GRAHAM JOHNSTON	200 M. FREE	JANE ASHER	GBR	03-29-02	2:50.27
5:12.05	05-04-01	USA	GRAHAM JOHNSTON	400 M. FREE	JANE ASHER	GBR	06-05-04	6:05.25
10:45.92	03-24-02	USA	GRAHAM JOHNSTON	800 M. FREE	JANE ASHER	GBR	03-24-02	12:32.21
20:36.56	08-16-01	USA	GRAHAM JOHNSTON	1500 M. FREE	JANE ASHER	GBR	06-01-01	24:06.48
35.31	08-17-03	USA	YOSHI OYAKAWA	50 M. BACK	DORIS STEADMAN	USA	06-26-96	42.29
1:19.12	08-08-04	USA	YOSHI OYAKAWA	100 M. BACK	JANE ASHER	GBR	01-20-02	1:33.61
2:56.59	06-29-03	USA	BURWELL JONES	200 M. BACK	JANE ASHER	GBR	01-19-02	3:27.58
37.93	07-19-04	JPN	AKIO SUGIYAMA	50 M. BRST	EDITH BOEHM	GER	10-02-99	43.98
1:29.47	06-17-01	USA	JOHN KORTHEUER	100 M. BRST	ELIANE PELLIS	BEL	08-28-03	1:40.68
3:18.20	08-15-04	USA	BOB PATTEN	200 M. BRST	ELIANE PELLIS	BEL	11-15-03	3:40.79
32.11	08-19-01	USA	RONALD JOHNSON	50 M. FLY	JANE ASHER	GBR	03-25-02	39.77
1:19.44	08-31-02	GER	WOLFRAM GOTTFRIED	100 M. FLY	JUNE KRAUSER	USA	06-25-96	1:40.85
3:16.06	04-12-03	GER	WERNER MUELLER	200 M. FLY	JUNE KRAUSER	USA	06-27-96	3:39.91
				100 M. I.M.				
2:58.06	07-06-03	USA	BURWELL JONES	200 M. I.M.	JANE ASHER	GBR	03-25-02	3:26.41
6:32.11	08-02-03	USA	BURWELL JONES	400 M. I.M.	JANE ASHER	GBR	06-02-01	7:25.26
***** M E N *****				75-79	***** W O M E N *****			
31.19	08-03-00	USA	FRANK PIEMME	50 M. FREE	JEAN TROY	USA	03-30-02	37.48
1:13.84	05-28-95	USA	RAY TAFT	100 M. FREE	GAIL ROPER	USA	08-01-04	1:26.90
2:46.28	07-21-03	JPN	HIROSHI YOSHIMURA	200 M. FREE	JEAN TROY	USA	06-29-03	3:17.42
5:54.36	09-26-04	JPN	HIROSHI YOSHIMURA	400 M. FREE	JEAN TROY	USA	08-11-02	6:55.62
12:46.62	08-04-02	USA	ROGER FRANKS	800 M. FREE	JUNE KRAUSER	USA	09-09-01	14:10.50
24:34.77	08-18-02	USA	ROGER FRANKS	1500 M. FREE	JEAN TROY	USA	08-17-03	27:09.75
37.51	07-20-98	JPN	KEIJIRO NAKAMURA	50 M. BACK	DORIS STEADMAN	USA	08-23-99	44.43
1:26.00	07-20-98	JPN	KEIJIRO NAKAMURA	100 M. BACK	DORIS STEADMAN	USA	08-23-99	1:39.06
3:10.25	08-18-02	USA	ROGER FRANKS	200 M. BACK	DORIS STEADMAN	USA	08-23-99	3:39.41
40.38	07-15-01	JPN	TOSHIO TAJIMA	50 M. BRST	EDITH BOEHM	GER	07-20-03	47.59
1:35.55	08-15-04	USA	ROBERT MACDONALD	100 M. BRST	SYLVIA NEUHAUSER	AUT	06-07-04	1:48.65
3:32.60	08-15-04	USA	ROBERT MACDONALD	200 M. BRST	SYLVIA NEUHAUSER	AUT	06-05-04	3:55.25
35.66	08-20-00	USA	FRANK PIEMME	50 M. FLY	GAIL ROPER	USA	08-01-04	44.95
1:35.81	08-20-00	USA	FRANK PIEMME	100 M. FLY	SYLVIA NEUHAUSER	AUT	06-06-04	1:50.12
3:34.30	07-07-01	FRA	MAURICE LUSIEN	200 M. FLY	SYLVIA NEUHAUSER	AUT	06-09-04	4:03.55
				100 M. I.M.				
3:18.35	08-20-00	USA	FRANK PIEMME	200 M. I.M.	JUNE KRAUSER	USA	06-24-01	3:48.59
7:18.01	04-29-01	GER	KARL HAUTER	400 M. I.M.	JUNE KRAUSER	USA	06-10-01	7:51.71
***** M E N *****				80-84	***** W O M E N *****			
32.73	01-19-02	GER	B SCHLUERIKE	50 M. FREE	J DRAKE-BROCKMAN	AUS	03-18-00	40.89
1:17.11	07-21-03	JPN	KEIJIRO NAKAMURA	100 M. FREE	MARGERY MEYER	USA	06-08-02	1:37.78
3:03.45	07-16-95	JPN	HIKOJI UEKI	200 M. FREE	MARGERY MEYER	USA	07-13-03	3:37.14
6:39.26	03-14-03	AUS	KEVIN VICKERY	400 M. FREE	MARGERY MEYER	USA	07-13-03	7:30.36
13:50.05	07-09-94	CAN	NORBERT ARTUS	800 M. FREE	MARGERY MEYER	USA	07-13-03	15:21.62
26:52.93	07-25-99	USA	RAY TAFT	1500 M. FREE	MARGERY MEYER	USA	08-18-02	29:35.03
38.41	07-21-03	JPN	KEIJIRO NAKAMURA	50 M. BACK	BUNNY CEDERLUND	USA	03-29-02	46.39
1:26.97	07-21-03	JPN	KEIJIRO NAKAMURA	100 M. BACK	BUNNY CEDERLUND	USA	03-30-02	1:48.64
3:16.82	03-07-04	JPN	KEIJIRO NAKAMURA	200 M. BACK	BUNNY CEDERLUND	USA	03-27-02	3:59.73
43.62	07-20-98	JPN	Y MIYAMOTO	50 M. BRST	OLGA KOKORINA	RUS	06-06-04	54.44
1:45.24	08-24-97	JPN	Y MIYAMOTO	100 M. BRST	OLGA KOKORINA	RUS	06-07-04	2:01.74
3:55.37	05-01-98	ITA	AUGUSTO ROMANO	200 M. BRST	OLGA KOKORINA	RUS	06-05-04	4:31.85
41.36	01-25-04	NED	MAX VAN GELDER	50 M. FLY	YONE MURATA	JPN	07-21-02	57.90
1:47.88	06-12-99	USA	ANDREW HOLDEN	100 M. FLY	LOIS NOCHMAN	USA	05-21-04	2:06.55
4:11.09	07-19-98	USA	ANTON CERER	200 M. FLY	LOIS NOCHMAN	USA	05-21-04	4:34.86
				100 M. I.M.				
3:43.19	08-20-00	USA	RAY TAFT	200 M. I.M.	LOIS NOCHMAN	USA	08-08-04	4:33.58
8:05.14	08-23-99	USA	RAY TAFT	400 M. I.M.	GERTRUD MEERWALD	GER	01-15-00	9:45.48

Fina Masters World Records - Long-Course Meters

(as of 11-1-04)

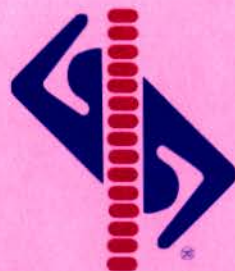
***** M E N *****		85-89	***** W O M E N *****	
35.77	08-10-98 USA	WOODROW BOWERSOCK	50 M. FREE	HISAKO KOGA JPN 10-06-02 48.95
1:26.48	09-29-02 JPN	GORO KOBAYASHI	100 M. FREE	RITA SIMONTON USA 08-17-03 1:48.75
3:13.78	07-16-00 JPN	HIKOJI UEKI	200 M. FREE	RITA SIMONTON USA 05-25-03 3:59.68
7:05.53	07-16-00 JPN	HIKOJI UEKI	400 M. FREE	RITA SIMONTON USA 08-22-04 8:29.83
15:24.45	08-05-01 USA	JIM EUBANK	800 M. FREE	RITA SIMONTON USA 08-17-03 17:14.24
29:53.88	08-13-00 USA	JIM EUBANK	1500 M. FREE	RITA SIMONTON USA 07-27-03 32:33.60
42.17	07-15-01 JPN	GORO KOBAYASHI	50 M. BACK	AILEEN SOULE USA 08-18-91 58.42
1:36.34	07-15-01 JPN	GORO KOBAYASHI	100 M. BACK	EDITH THEIN ISR 06-09-04 2:10.44
3:41.06	07-21-02 JPN	GORO KOBAYASHI	200 M. BACK	EDITH THEIN ISR 08-29-03 4:29.16
46.23	03-03-02 JPN	Y MIYAMOTO	50 M. BRST	MARIA LENK BRA 04-29-00 1:07.88
1:53.70	07-16-00 JPN	HIROMU YOSHIMOTO	100 M. BRST	DOROTHY WESTON GBR 04-19-98 2:34.97
4:22.99	07-30-00 JPN	HIROMU YOSHIMOTO	200 M. BRST	MICHIKO HAMURO JPN 07-19-04 5:35.82
46.48	06-19-04 USA	ANDREW HOLDEN	50 M. FLY	JEAN DURSTON USA 07-25-99 1:11.58
2:02.53	06-19-04 USA	ANDREW HOLDEN	100 M. FLY	JEAN DURSTON USA 08-23-99 2:40.11
4:47.63	07-11-04 USA	ANDREW HOLDEN	200 M. FLY	JEAN DURSTON USA 08-23-99 5:49.75
			100 M. I.M.	
4:13.14	07-15-01 USA	ANTON CERER	200 M. I.M.	JEAN DURSTON USA 07-25-99 5:16.68
9:21.90	07-15-01 USA	ANTON CERER	400 M. I.M.	JEAN DURSTON USA 07-25-99 11:10.37
***** M E N *****		90-94	***** W O M E N *****	
40.72	08-11-03 USA	WOODY BOWERSOCK	50 M. FREE	AILEEN SOULE USA 08-25-96 55.76
1:40.54	07-19-04 JPN	TOKUSHI KOMEDA	100 M. FREE	AILEEN SOULE USA 08-25-96 2:19.62
3:54.89	07-19-04 JPN	TOKUSHI KOMEDA	200 M. FREE	JULIA DOLCE USA 08-23-99 5:19.36
8:13.45	09-26-04 JPN	TOKUSHI KOMEDA	400 M. FREE	MAXINE MERLINO USA 09-29-02 11:17.74
20:09.22	04-25-04 GBR	JOHN HARRISON	800 M. FREE	MAXINE MERLINO USA 09-29-02 23:04.42
36:47.02	08-22-93 USA	GUS LANGNER	1500 M. FREE	MAXINE MERLINO USA 07-27-03 45:53.54
53.26	03-29-02 JPN	KAZUNAGA AKUTSU	50 M. BACK	AILEEN SOULE USA 08-25-96 1:03.49
2:04.94	08-29-02 GER	R REINSTADTLER	100 M. BACK	AILEEN SOULE USA 08-25-96 2:23.23
4:34.60	08-31-02 GER	R REINSTADTLER	200 M. BACK	AILEEN SOULE USA 06-29-97 5:29.07
1:07.83	09-08-02 JPN	MASAHISA KANEKO	50 M. BRST	M GOTTSCHALK GER 08-28-99 1:26.57
2:31.40	03-03-02 JPN	MASAHISA KANEKO	100 M. BRST	M GOTTSCHALK GER 06-25-99 3:21.95
5:35.18	03-03-02 JPN	MASAHISA KANEKO	200 M. BRST	DEL ROWLEY AUS 10-22-95 10:39.50
1:00.30	08-11-03 USA	WALTER PFEIFFER	50 M. FLY	ANNA BAUSCHER USA 08-28-94 4:57.25
2:31.03	08-11-03 USA	WALTER PFEIFFER	100 M. FLY	
5:51.79	08-11-03 USA	WALTER PFEIFFER	200 M. FLY	
			100 M. I.M.	
5:02.64	02-29-04 JPN	TOKUSHI KOMEDA	200 M. I.M.	MAXINE MERLINO USA 08-11-03 6:35.70
11:19.91	08-11-03 USA	WALTER PFEIFFER	400 M. I.M.	
***** M E N *****		95-99	***** W O M E N *****	
55.88	08-02-98 USA	GUS LANGNER	50 M. FREE	BETTY JONES AUS 04-18-04 1:47.20
2:29.32	08-23-98 USA	GUS LANGNER	100 M. FREE	MARY M ANDERSON CAN 05-17-98 4:06.70
5:13.23	08-23-98 USA	GUS LANGNER	200 M. FREE	
11:30.53	08-23-98 USA	GUS LANGNER	400 M. FREE	
22:28.28	08-23-98 USA	GUS LANGNER	800 M. FREE	
47:30.40	08-23-99 USA	GUS LANGNER	1500 M. FREE	
1:23.77	02-02-02 AUS	ALFREDO CHERCHI	50 M. BACK	MARY M ANDERSON CAN 05-18-98 1:57.79
3:32.44	03-15-03 AUS	ALFREDO CHERCHI	100 M. BACK	MARY M ANDERSON CAN 05-17-98 4:16.79
8:19.55	10-27-02 AUS	ALFREDO CHERCHI	200 M. BACK	
1:26.61	08-23-98 USA	GUS LANGNER	50 M. BRST	
3:38.45	08-02-98 USA	GUS LANGNER	100 M. BRST	
7:37.17	08-02-98 USA	GUS LANGNER	200 M. BRST	
			50 M. FLY	
			100 M. FLY	
			200 M. FLY	
			100 M. I.M.	
			200 M. I.M.	
			400 M. I.M.	
***** M E N *****		100-104	***** W O M E N *****	
2:05.49	09-18-94 USA	TOM LANE	50 M. FREE	MARY MAINA AUS 10-03-94 5:10.84
4:25.98	09-10-95 USA	TOM LANE	100 M. FREE	
			200 M. FREE	
			400 M. FREE	
			800 M. FREE	
			1500 M. FREE	
2:05.54	09-10-95 USA	TOM LANE	50 M. BACK	
4:57.01	09-18-94 USA	TOM LANE	100 M. BACK	
			200 M. BACK	
			50 M. BRST	
			100 M. BRST	
			200 M. BRST	
			50 M. FLY	
			100 M. FLY	
			200 M. FLY	
			100 M. I.M.	
			200 M. I.M.	
			400 M. I.M.	

FINA Masters World Records - Long-Course Meters

(as of 11-1-04)

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***** RELAY 200 M. FREE - WOMEN *****			***** RELAY 200 M. MEDLEY - WOMEN *****		
100-119 HOLMES-USA	08-28-88	1:53.20	100-119 HOLMES - USA	08-28-88	2:06.67
MARY HOLMES	SUSAN HALFACRE		BETH MAUER	DEB WALKER	
BETH MAUER	TISH BUCHER		TISH BUCHER	MARY HOLMES	
120-159 GOLD RUSH-JPN	10-03-04	1:51.37	120-159 GOLD-USA	08-23-98	2:04.19
MIHO OKUHARA	YUKIKO OZAWA		MARY GARDNER	SUSIE GEYER	
CHIHIRO SAITO	NAHOMI ERIGUCHI		TRACIE MOLL	JAMIE HERRINGTON	
160-199 AZ&PC-NED	02-15-04	1:54.42	160-199 VICTORIA-CAN	03-09-03	2:10.75
MARJA BLOEMZAAD	PETRA FROMIJN		CINDY RADFORD	JUDY WOODWARD	
ATIE PYTAK	LIDIA VAN BON		SARAH MACDONALD	AVILA RHODES	
200-239 TAMALPAIS-USA	08-17-01	2:06.52	200-239 HEART ENGLN-GBR	06-02-02	2:19.84
SUSAN ROY-JONES	NANCY RIDOUT		JACQUELINE GRACE	ELAINE BROMWICH	
SHIRLEY CAZALET	LAURA VAL		JUDY WILSON	MICHELLE DIGE	
240-279 DC MASTERS-USA	08-23-98	2:18.70	240-279 NEUKOELIN-GER	07-04-01	2:35.17
BARBARA FRID	JOANN LEILICH		ELENORE OTTO	MONIKA SENFTLEBEN	
BARBARA ZAREMSKI	JAYNE BRUNER		BRIGITTE MERTEN	MARGA SCHULZE	
280-319 NEW ENGLAND-USA	08-11-96	2:38.52	280-319 SWIM100KYOT-JPN	10-19-03	3:12.72
CLARA WLAKER	BILLIE BURRILL		KAZUKO TAGUCHI	KAZUYO SAKURAI	
PETEY SMITH	DIANE REED		H MINANIGUCHI	CHIE TANI	
320-359 OAHUKIOICHO-JPN	07-15-01	3:42.32	320-359 OAHU CLUB-JPN	07-21-02	4:11.39
KATSUE EBATO	YOSHIKO WATANABE		YOSHIKO WATANABE	SUMIKO YANAGISAWA	
HIDEKO MORI	MACHIKO ITAI		AKIKO ONOHARA	HIDEKO MORI	
360-399			360-399		
***** RELAY 200 M. FREE - M E N *****			***** RELAY 200 M. MEDLEY - M E N *****		
100-119 JYVASKYLAN-FIN	06-26-96	1:36.39	100-119 TEAM DASH-JPN	09-08-02	1:48.40
JANNE VIRTANEN	ARI JAAKKOLA		HIROSHI NISHIMURA	HIDEAKI TOGO	
JAANE VIRTANEN	TOMMY RUNDGREN		YOSHIHISA SUDO	KENTARO NAKAMURA	
120-159 KALERA LAHIT-FI	07-04-01	1:36.34	120-159 KALERA LAHTI-FI	07-04-01	1:48.66
JANNE VIRTANEN	TEPPO PAAJANEN		JANNE VIRTANEN	PETTERI LEHTINEN	
PETTERI LEHTINEN	TOMMY RUNDGREN		TEPPO PAAJANEN	TOMMY RUNDGREN	
160-199 HOLMES - USA	08-11-90	1:39.27	160-199 ANCM-USA	08-20-00	1:50.59
JAMES LILLEY	C. MILTENBERGER		CLAY BRITT	WALLY DICKS	
RICHARD ABRAHAMS	TIMOTHY GARTON		JOHN FEINSTEIN	MICHAEL FELL	
200-239 OLYMPIC CLB-USA	06-29-97	1:45.19	200-239 OLYMPIC CLB-USA	07-09-94	1:58.50
STEVE CLARK	ROBERT STRAND		TIM BIRNIE	ROBERT STRAND	
TIM BIRNIE	JAMES ELDER		RICHARD BASSI	JAMES ELDER	
240-279 GOLD COAST-USA	08-17-03	1:52.01	240-279 OREGON-USA	08-19-01	2:06.28
CAV CAVANAUGH	JOEL BURNS		ROBERT SMITH	ALLEN STARK	
JERRY GREENBERG	GEORGE SCHMIDT		BERT PETERSEN	DAVID RADCLIFF	
280-319 O*H*I*O - USA	08-18-02	2:04.50	280-319 N CAROLINA-USA	08-15-04	2:22.68
YOSHI OYAKAWA	PETER VAN DIJK		CLARKE MITCHELL	JOHN KORTHEUER	
JOHN FLORANCE	DAVID QUIGGIN		RICHARD KITCHELL	DICK WEBBER	
320-359 JUEI CLUB-JPN	07-21-03	2:20.89	320-359 JUEI CLUB-JPN	07-21-03	2:54.74
SHOICHI SHIDA	KEIJIRO NAKAMURA		KEIJIRO NAKAMURA	KATSUZO SHIRAYAMA	
KATSUZO SHIRAYAMA	ISAMU TAMURA		SHOICHI SHIDA	ISAMU TAMURA	
360-399 NCMS - USA	06-12-04	8:55.76	360-399		
BOYD CAMPBELL	MARTIN RUTTER				
HAROLD HOFFMAN	JIM SCHERBARTH				
***** RELAY 200 M. FREE - MIXED *****			***** RELAY 200 M. MEDLEY - MIXED *****		
100-119 GOLD RUSH-JPN	06-08-04	1:43.75	100-119 TEAM DASH-JPN	07-15-01	1:55.05
MIHO OKUHARA	YUKIKO OZAWA		KENTARO NAKAMURA	TAKASHI HIRAKAWA	
YOSHIHISA SUDO	KENTARO NAKAMURA		YAYOI SAKAMOTO	YUKIKO OZAWA	
120-159 AZ & PC -NED	02-15-04	1:42.44	120-159 TEAM DASH-JPN	03-02-03	1:55.43
ANNABEL KOSTEN	CHESTER MARSMAN		HIROSHI NISHIMURA	HIDEAKI TOGO	
TAMARA VAN GORKOM	EDWIN VAN NORDEN		YAYOI SAKAMOTO	YUKIKO OZAWA	
160-199 ROCKY MT.-USA	08-23-98	1:45.83	160-199 POLISPORTIV-ITA	06-07-04	1:56.86
KATHY GARNIER	LAUREEN WELTING		PAOLO FELOTTI	S. SEMINATORE	
RICHARD ABRAHAMS	JAMES LILLEY		ROBERTO TARRICONE	MARIA ALWINE EDER	
200-239 NEW ENGLAND-USA	08-15-04	1:49.85	200-239 TAM - USA	08-23-98	2:08.56
HOMER LANE	JACKI HIRSTY		RICHARD BURNS	KENNETH FROST	
JOEL FELDMANN	STUART CROMARTY		LAURA VAL	NANCY RIDOUT	
240-279 HEART ENG-GBR	08-28-03	2:02.81	240-279 HEART ENG-GBR	06-07-04	2:17.78
JOHN TENNANT	JUDY WILSON		BOB LORD	ELAINE BROMWICH	
ALAN MILES	MICHELLE DIGE		JUDY WILSON	JOHN TENNANT	
280-319 JUEI CLUB-JPN	03-02-03	2:17.57	280-319 JUEI CLUB-JPN	07-07-04	2:39.84
TERUKO NISHISAKO	SHOSHIN MORI		KEIJIRO NAKAMURA	TERUKO NISHISAKO	
YURIKO NAGAMATSU	KEIJIRO NAKAMURA		SHOSHIN MORI	YURIKO NAGAMATSU	
320-359 SOIK HELLAS-SWE	06-08-04	2:52.02	320-359 SUNWAY - JPN	07-19-04	3:18.52
MARIANNE GRANE	NILS FERM		SHOGORO AZUMA	Y. MIYAMOTO	
EVA-BRITT WIDAH	NILS KLING		SHOKO YONEZAWA	MASAE KURATA	
360-399 COAST MSTRS-USA	08-11-03	5:26.80	360-399		
HELENE IBERALL	MAXINE MERLINO				
WALTER PFEIFFER	WOODY BOWERSOCK				



**United States
Masters
Swimming**
Tracy Grilli
USMS National Office
PO Box 185
Londonderry, NH 03053-0185

UNITED STATES MASTERS SWIMMING 2004 TOP TEN LONG COURSE METERS

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