

\$7.00

*United States
Masters Swimming, Inc.*

**2003
Top Ten
Short Course Meters**

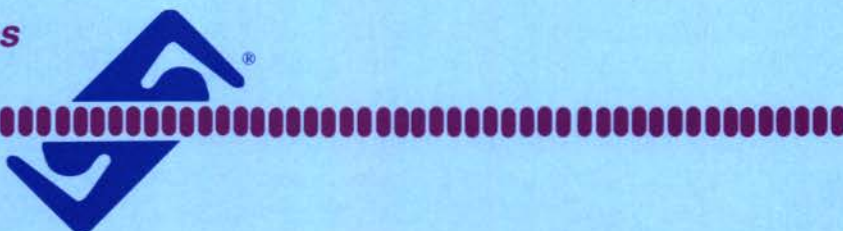
and

World Records

as of November 1, 2003

**Long Course Meters
Short Course Meters**

*United States
Masters
Swimming*



Published March 2004

UNITED STATES MASTERS SWIMMING
2003 TOP TEN
SHORT COURSE METERS

The 2003 Short Course Meters Top Ten is the third issue in a series of three 2003 Top Ten issues produced by United States Masters Swimming. Inside you will find the Top Ten Times for the 2003 Short Course Meter season (swims performed in a 25 meter pool) made on or before December 31, 2003 and forwarded to the Records and Tabulation Chairman, Pieter Cath, by January 26, 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.** Add \$1.25 for each additional stroke segment desired.

The first issue in the 2004 series will be 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 31, 2004 and reported to the Top Ten Chairman by June 30th.

The 2004 Long Course Meters (swims performed in a 50 meter pool) list is the second issue in this series of Top Tens. Times and records considered for this Top Ten list must be made on or before September 30, 2004 and reported to the Top Ten Chairman by October 20th.

Now that the SCM Top Ten is *finalized*, the official 2003 All American Roster will be produced. A swimmer/relay who has the **fastest** 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 an All Star Certificate from the National Office. All American (individual) and All Star rosters will appear in the May/June issue of SWIM 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 \$7 and send to them at: FINA, Avenue de l'Avant Post 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.

We would like to send a big THANKS out to the members of the Top Ten Committee and the LMSC Top Ten Recorders who are all dedicated volunteers who spend countless hours at their computers on our behalf.

Happy Swimming!

Tracy

2003 Short-Course Meters - Top-Ten Individuals

2:42.06 Magda Stovickova 28	1:10.19 Michell Jespersen 29	4:52.94 Brandy Hugo 31	• 100 M. BREASTSTROKE
2:46.48 Suzanne Baker 28	1:11.49 Lindsay Kircher 27	4:53.53 Dana Woody 34	1:10.00 WENKE HANSEN 00
2:47.72 Kimberley Garland 28	1:13.67 S BausherGrybosk 26	4:55.04 Amy K Weiss 31	1:16.04 Louise Martin 34
• 50 M. BREASTSTROKE	1:14.44 Renee Hukkanen 26	4:55.08 Fiona Petersen 30	1:16.74 Nadine Day 33
32.20 TRACEY MIRANDE 95	1:15.00 Christin Radcliff 29	4:56.02 Margaret Reilly 34	1:20.53 Rossela Pescatori 32
34.93 Helen Salcedo 28	1:15.08 Jenny Mooney 26	4:58.30 Laura Von Gluck 33	1:21.86 Kelly Seavall 34
37.32 Laura Koch 27	1:15.47 Allison Lovell 27	• 800 M. FREESTYLE	1:22.25 Esther S Chang 31
37.79 Christin Radcliff 29	1:15.71 Kerin Elisens 26	9:06.49 ERIKA HANSEN 03	1:23.01 Joanne Reiersen 32
38.18 Renee Hukkanen 26	1:15.99 Dahnya Geary 29	9:06.49 Erika M Hansen 33	1:23.51 Linda Hegeberg 33
39.10 Jennifer Adley 25	• 200 M. INDIVIDUAL MEDLEY	9:22.65 Joanne Reiersen 32	1:23.63 Linda Visser 33
39.13 Chelsey Shor 27	2:21.79 WENKE HANSEN 98	9:25.05 Nadine K Day 33	1:25.11 Margaret Reilly 34
39.41 Julie Potier 26	2:26.34 Chrissy Miller 27	10:00.57 Frankie Hanson 30	1:25.75 Susanne Rublein 33
39.82 Jennifer Nuss 28	2:27.00 Camilla Johansson 29	10:01.16 Dana Woody 34	• 200 M. BREASTSTROKE
39.84 Amy S Diebler 27	2:35.46 S Bausher-Grybosk 26	10:07.55 Rossela Pescatori 32	2:30.65 WENKE HANSEN 00
39.92 Emily Jarzen 27	2:35.60 Laura Koch 27	10:17.45 Margaret Reilly 34	2:42.59 Louise Martin 34
• 100 M. BREASTSTROKE	2:35.84 Patricia Flynn 27	10:17.68 Fiona Peterson 30	2:44.55 Nadine K Day 33
1:13.30 WENKE HANSEN 98	2:37.91 Magda Stovickova 28	10:37.08 Stacy Mullikin 30	2:54.03 Mary A Rasmuson 31
1:15.38 Helen Salcedo 28	2:41.10 Christin Radcliff 29	10:45.29 Amy Oggel 33	2:54.75 Esther S Chang 31
1:19.47 Laura Koch 27	2:41.50 Kirstin A Wilson 28	• 1500 M. FREESTYLE	3:02.24 Linda Visser 33
1:20.73 Niki Downs 26	2:42.20 Niki Downs 26	17:23.60 KAREN BURTON 94	3:02.41 Tara McGarr 31
1:21.69 Christin Radcliff 29	2:43.29 Catherine Bonner 26	18:17.53 Nadine Day 33	3:08.81 Fiona Petersen 30
1:22.60 Catherine Bonner 26	• 400 M. INDIVIDUAL MEDLEY	18:31.64 Jody Smith 34	3:12.65 Deborah Morris 33
1:24.44 Sarah Riley 28	5:02.54 WENKE HANSEN 98	19:01.82 Dana Woody 34	3:13.70 Susanne Rublein 33
1:26.06 Carrie Smith 27	5:11.73 Chrissy Miller 27	19:19.20 Fiona Petersen 30	3:15.63 Karla Rees 31
1:26.46 Amy S Diebler 27	5:20.15 S BausherGrybosk 26	19:23.51 Amy Weiss 31	• 50 M. BUTTERFLY
1:26.77 Jennifer Adley 25	5:24.56 Helen Salcedo 28	19:54.30 Margaret Reilly 34	28.34 WENKE HANSEN 00
1:26.79 Chelsey Shor 27	5:27.29 Magda Stovickova 28	20:40.22 Natalie Shukov 31	29.76 Nadine Day 33
• 200 M. BREASTSTROKE	5:29.79 Laura Koch 27	20:50.95 Monique Petrov 34	30.70 Brandy Hugo 31
2:35.66 ANDREA PACKARD 01	5:30.54 Patricia Flynn 27	21:22.41 Megan Bussart 33	31.65 Tara Simsak 34
2:44.19 Helen Salcedo 28	5:38.30 Tiffany Taulbee 28	21:50.19 Michelle Lambert 31	31.91 Laura Von Gluck 33
2:46.47 Laura Koch 27	5:39.71 Kirstin A Wilson 28	• 50 M. BACKSTROKE	32.09 H Coulson-Moore 34
2:55.98 Christin Radcliff 29	6:11.40 Betzy Borsheski 27	30.14 D GRANER GALLAS 96	32.43 Laura Alonso 32
2:58.86 Magda Stovickova 28	6:14.46 Joanne E Hopkins 27	30.51 Sheri Hart 32	32.66 Natalie Shukov 31
3:02.67 Julie Potier 26		32.46 Jody Smith 34	32.76 Alison Davis 32
3:03.16 Kerin Elisens 26	WOMEN 30-34	32.47 Amy Lanigan 30	33.35 Samantha Carey 30
3:05.22 Carrie Smith 27		33.16 Nadine Day 33	33.73 Hope Raschke 32
3:10.77 Monica Fox 29	• 50 M. FREESTYLE	33.54 H Coulson-Moore 34	• 100 M. BUTTERFLY
3:11.75 Jennifer Adley 25	26.46 ANNA PETTIS-SCOTT 93	34.10 Kelly Seavall 34	1:02.70 WENKE HANSEN 00
3:12.72 Olivia A Ivory 26	26.32 Katrina Radke 33NV	34.96 Monique Petrov 34	1:03.21 Katrina Radke 33
• 50 M. BUTTERFLY	27.50 Nadine Day 33	35.28 Jennifer Butcher 31	1:04.75 Nadine Day 33
28.68 SHEILA TAORMINA 96	27.73 Sheri Hart 32	35.52 Laura Von Gluck 33	1:09.24 Brandy Hugo 31
28.61 Jennifer Brooks 26NV	28.34 Brandy Hugo 31	35.82 Stacy Mullikin 30	1:09.54 Laura Von Gluck 33
29.79 Lindsay Kircher 27	28.51 Joanne Reiersen 32	• 100 M. BACKSTROKE	1:11.01 H Coulson-Moore 34
30.55 Camilla Johansson 29	28.71 Amy K Weiss 31	1:03.36 K PIPES-NEILSEN 96	1:12.81 Eunice Tey 33
31.01 Nicole Benson 29	28.96 Tere Derbez 31	1:05.71 Sheri Hart 32	1:12.86 Tara Simsak 34
31.08 Michell Jespersen 29	29.06 Louise Martin 34	1:07.12 Jody Smith 34	1:12.90 Amy Lanigan 30
31.71 Catherine Liang 29	29.25 Samantha Carey 30	1:08.10 Katrina Radke 32	1:14.00 Dana Woody 34
31.89 Jennifer S Rissi 28	29.38 Tara Simsak 34	1:11.36 Nadine Day 33	1:16.15 Juliette DeSousa 33
31.90 Renee Hukkanen 26	• 100 M. FREESTYLE	1:17.09 Natalie Shukov 31	• 200 M. BUTTERFLY
32.03 Jenn McEachern 29	57.35 S NEILSON-BELL 88	1:17.28 Gita Roy 31	2:19.34 KATRINA RADKE 03
32.36 Carrie Smith 27	57.46 Katrina Radke 33	1:17.38 Jennifer Butcher 31	2:19.34 Katrina Radke 33
• 100 M. BUTTERFLY	59.86 Nadine Day 33	1:17.94 Laura Von Gluck 33	2:25.58 Nadine K Day 33
1:01.33 SHEILA TAORMINA 96	1:01.80 Amy K Weiss 31	1:18.59 Margaret Reilly 34	2:34.79 Laura Von Gluck 33
1:04.62 Jennifer Brooks 26	1:03.55 Tere Derbez 31	1:19.18 Michelle C Harter 33	2:39.09 Brandy Hugo 31
1:05.82 Chrissy Miller 27	1:03.60 Louise Martin 34	• 200 M. BACKSTROKE	2:47.59 Dana Woody 34
1:08.37 Lindsay Kircher 27	1:04.15 Tara Simsak 34	2:13.51 K PIPES-NEILSEN 96	2:51.26 Carol Prescott 34
1:10.04 Laura Koch 27	1:04.58 Dana Woody 34	2:24.89 Jody Smith 34	2:59.14 Shannon Titzel 33
1:13.07 Catherine Liang 29	1:04.83 Margaret Reilly 34	2:26.64 Erika M Hansen 33	3:02.79 Caroline Stein 33
1:13.36 Carrie Smith 27	1:04.97 Laura Alonso 32	2:29.81 Nadine Day 33	3:10.01 Rebecca Leshar 33
1:14.04 Niki Downs 26	1:05.36 Michelle C Harter 33	2:35.05 Amy Lanigan 30	3:28.50 Karla Rees 31
1:15.35 Jennifer S Rissi 28	• 200 M. FREESTYLE	2:42.44 Monique Petrov 34	• 100 M. INDIVIDUAL MEDLEY
1:16.98 Sarah Balke 27	2:04.64 K PIPES-NEILSEN 96	2:42.51 Laura Von Gluck 33	1:04.96 WENKE HANSEN 99
1:17.56 Amanda Leach 26	2:07.24 Katrina Radke 33	2:44.66 Amy K Weiss 31	1:06.94 Nadine Day 33
• 200 M. BUTTERFLY	2:09.02 Nadine Day 33	2:44.80 Linda Hegeberg 33	1:10.54 Louise Martin 34
2:23.60 CHRISSY MILLER 02	2:12.71 Joanne Reiersen 32	2:46.09 Michele Fox 34	1:11.77 Brandy Hugo 31
2:24.07 Chrissy Miller 27	2:13.60 Jody Smith 34	2:47.81 Kristen Bergmann 31	1:12.14 Kelly Seavall 34
2:31.05 S BausherGrybosk 26	2:13.86 Amy K Weiss 31	• 50 M. BREASTSTROKE	1:14.42 Amy Lanigan 30
2:53.69 S Koppenwallner 27	2:14.55 Louise Martin 34	32.82 WENKE HANSEN 00	1:14.62 Tara Simsak 34
3:02.63 Heather Bakker 27	2:17.11 Tere Derbez 31	34.72 Louise Martin 34	1:14.73 Mary A Rasmuson 31
3:05.80 Jennifer S Rissi 28	2:17.37 Brandy Hugo 31	34.81 Nadine Day 33	1:15.41 Monique Petrov 34
3:06.91 Marissa Wong 25	2:18.37 Dana Woody 34	37.18 Mary A Rasmuson 31	1:15.52 Stacy Mullikin 30
3:09.22 Kendra Garrow 29	2:19.06 Fiona Petersen 30	37.55 Kelly Seavall 34	1:15.79 Linda Hegeberg 33
3:09.46 Kara Jordan 27	• 400 M. FREESTYLE	38.11 Joanne Reiersen 32	• 200 M. INDIVIDUAL MEDLEY
3:45.46 Sarah Brown 29	4:22.70 K PIPES-NEILSEN 96	38.36 Linda Hegeberg 33	2:18.79 K PIPES-NEILSEN 96
3:59.40 Allison Landino 28	4:22.77 Erika M Hansen 33	38.63 Alissa Perrucci 33	2:22.72 Katrina Radke 33
• 100 M. INDIVIDUAL MEDLEY	4:34.74 Nadine K Day 33	38.65 Anne O'Brien 33	2:23.88 Nadine Day 33
1:05.67 WENKE HANSEN 98	4:36.45 Joanne Reiersen 32	38.76 H Coulson-Moore 34	2:31.00 Louise Martin 34
1:08.29 Camilla Johansson 29	4:38.50 Jody Smith 34	38.91 Esther S Chang 31	2:31.18 Jody Smith 34

2003 Short-Course Meters - Top-Ten Individuals

2:36.49 Joanne Reierson 32	11:07.38 Adrienne Seal 38	2:54.87 Birgit Lohberg 38	6:01.89 Cheryl Barany 39
2:37.51 Rossella Pescatori 32	11:09.19 Christine Laidlaw 36	2:59.78 Andrea Luallen 38	6:11.17 Adrienne Seal 38
2:37.88 Kelly Seavall 34	11:19.08 Heather Rietz 35	3:01.65 Laurie Hug 38	6:12.36 Heather Rietz 35
2:38.98 Mary A Rasmuson 31	▪ 1500 M. FREESTYLE	3:01.66 Sara Demyanovich 39	
2:39.12 Brandy Hugo 31	17:27.84 LAURIE HUG 00	3:02.79 D Schultz-Santos 35	WOMEN 40-44
2:40.81 Esther S Chang 31	17:52.59 Laurie Hug 38	3:06.09 AnnMari Guglielmi 35	▪ 50 M. FREESTYLE
▪ 400 M. INDIVIDUAL MEDLEY	18:02.22 Lisa Hazen 39	3:06.91 Michele Roy 39	26.66 S NEILSON-BELL 96
4:53.85 K PIPES-NEILSEN 96	18:40.25 Charlott Petersen 39	3:07.99 Cynthia Snyder 38	27.28 K Pipes-Neilsen 41
5:08.14 Nadine K Day 33	18:54.76 Heather Hagadorn 38	3:08.94 Elizabeth Watkins 38	27.88 Maria Doelger 40
5:15.90 Jody Smith 34	19:24.54 Jill E Gellatly 36	▪ 50 M. BUTTERFLY	28.21 Marika McCue 40
5:26.69 Louise Martin 34	19:46.53 Nancy North 35	28.68 TRACIE MOLL 01	28.32 Carolyn Voorhees 42
5:36.51 Dana Woody 34	19:57.85 Victoria Rian 37	30.71 Peggy Gross 35	28.55 Ruth Battle 41
5:39.43 Linda Hegeberg 33	20:25.65 Jerri Freimuth 38	30.77 Vicky Davidson 39	28.56 Kathy Shipman 42
5:40.35 Brandy Hugo 31	20:33.69 Grietje Reuter 37	30.96 Julie Bills 35	29.03 Lisa Dahl 42
5:41.45 Mary A Rasmuson 31	20:38.95 Laura Tyrrell 36	31.30 Birgit Lohberg 38	29.12 Kathy Garnier 43
5:45.80 Amy Lanigan 30	▪ 50 M. BACKSTROKE	31.31 Karen Schneider 36	29.15 Diana McDonough 40
5:50.46 Traci Kreppel 32	30.73 K PIPES-NEILSEN 99	31.36 Andrea Luallen 38	29.18 Vicky Dewey 41
6:12.30 Heather Butcher 31	32.23 Andrea Luallen 38	31.88 Cheryl Conlin 35	▪ 100 M. FREESTYLE
	32.61 H FallWilleboord 37	32.34 Becky Heller 39	57.60 K PIPES-NEILSEN 03
WOMEN 35-39	33.67 Karen Schneider 36	32.37 Dori L Kauffman 35	57.60 K Pipes-Neilsen 41
▪ 50 M. FREESTYLE	33.75 Wendy Segrest 36	32.59 Sarah Hoisington 35	1:01.04 Maria Doelger 40
26.13 S NEILSON-BELL 95	34.01 Jackie Heer 37	▪ 100 M. BUTTERFLY	1:01.64 Marika McCue 40
27.64 Peggy Gross 35	34.68 Tami A Carlow 36	1:03.29 K PIPES-NEILSEN 97	1:02.94 Diana McDonough 40
27.70 H FallWilleboord 37	35.06 Charlott Petersen 39	1:06.55 Birgit Lohberg 38	1:02.97 Vibeke L Swanson 42
28.02 Jennifer Ridge 35	35.06 A Peters-Johnson 38	1:07.75 Vicky Davidson 39	1:03.26 Cathy Shonkweiler 43
28.68 Charlott Petersen 39	35.48 Ellen Reynolds 39	1:07.79 Jennifer Ridge 35	1:04.03 Beth McGee 41
28.70 Dori L Kauffman 35	36.93 Christine Tait 38	1:08.21 Julie Bills 35	1:04.09 Carolyn Voorhees 42
28.93 Mimi Cook 38	▪ 100 M. BACKSTROKE	1:09.47 Jackie Heer 37	1:04.29 Kathy Garnier 43
29.03 Heather Rietz 35	1:03.56 K PIPES-NEILSEN 97	1:09.72 Karen Becker 36	1:04.36 Jana Matena 41
29.18 Julie Bills 35	1:08.16 Andrea Luallen 38	1:10.30 Nancy North 35	▪ 200 M. FREESTYLE
29.36 Janet Harris 38	1:08.86 Kristin Gary 36	1:10.55 Sarah Hoisington 35	2:05.26 K PIPES-NEILSEN 03
29.46 Michele Roy 38	1:10.47 H FallWilleboord 37	1:11.70 Trish Seubert 35	2:05.26 K Pipes-Neilsen 41
▪ 100 M. FREESTYLE	1:11.00 Vicky Davidson 39	1:12.37 Cheryl Conlin 35	2:14.54 Vibeke L Swanson 42
57.65 K PIPES-NEILSEN 00	1:11.65 Wendy Segrest 36	▪ 200 M. BUTTERFLY	2:17.15 Maria B Doelger 40
1:00.06 Jennifer Ridge 35	1:12.13 Charlott Petersen 39	2:18.41 K PIPES-NEILSEN 97	2:17.80 Diana McDonough 40
1:01.07 Charlott Petersen 39	1:12.88 Karen Becker 36	2:32.43 Birgit Lohberg 38	2:20.62 Cathy Shonkweiler 43
1:01.08 Peggy Gross 35	1:15.43 Nancy North 35	2:36.56 Laurie Hug 38	2:21.05 Jana Matena 41
1:01.67 H FallWilleboord 37	1:15.56 Ellen Reynolds 39	2:38.00 Peggy Gross 35	2:21.43 Laura Winslow 43
1:02.17 Mimi Cook 38	1:15.56 Michelle Chow 35	2:40.03 Karen Becker 36	2:21.73 Pat Craissati 43
1:02.84 Andrea Luallen 38	▪ 200 M. BACKSTROKE	2:45.92 Nancy North 35	2:24.09 Tami Engel 40
1:03.01 Kristin Gary 36	2:14.10 K PIPES-NEILSEN 97	3:00.83 B WestermanKobac 36	2:24.29 Valerie Jenkins 40
1:03.06 Heather Rietz 35	2:30.36 Kristin Gary 36	3:00.86 Kim Rizzo 37	▪ 400 M. FREESTYLE
1:03.43 Heather Hagadorn 38	2:30.41 Andrea Luallen 38	3:05.33 Elisabeth-E Deal 39	4:21.75 K PIPES-NEILSEN 03
1:03.64 Nancy North 35	2:33.45 Wendy Segrest 36	3:06.19 Adrienne Seal 38	4:21.75 K Pipes-Neilsen 41
▪ 200 M. FREESTYLE	2:33.95 Charlott Petersen 39	3:09.27 Suzanne Harris 37	4:39.24 Caroline Krattli 41
2:03.56 K PIPES-NEILSEN 97	2:37.65 Ellen Reynolds 39	▪ 100 M. INDIVIDUAL MEDLEY	4:42.85 Vibeke L Swanson 42
2:11.43 Jennifer Ridge 35	2:38.37 Nancy North 35	1:05.40 K PIPES-NEILSEN 00	4:46.43 Rebecca Kalibat 40
2:11.77 Charlott Petersen 39	2:38.68 Jackie Heer 37	1:10.62 Karen Schneider 36	4:53.39 Jana Matena 41
2:13.09 Laurie Hug 38	2:38.72 Laurie Hug 38	1:11.12 Andrea Luallen 38	4:55.13 Diana McDonough 40
2:14.22 Mimi Cook 38	2:42.01 Janet Harris 38	1:11.56 Birgit Lohberg 38	4:55.55 Pat Craissati 43
2:16.13 Heather Hagadorn 38	2:46.47 A Peters-Johnson 38	1:11.82 Cheryl Conlin 35	4:59.41 Laura Winslow 43
2:17.40 Nancy North 35	▪ 50 M. BREASTSTROKE	1:12.00 Charlott Petersen 39	5:01.97 Marguerite Meyer 44
2:18.08 Birgit Lohberg 38	33.03 CAROLINE KRATTLI 00	1:12.44 Vicky Davidson 39	5:02.55 Paula Pollard 40
2:18.21 Heather Rietz 35	36.55 Cheryl Conlin 35	1:12.47 Julie Bills 35	▪ 800 M. FREESTYLE
2:19.84 Sarah Hoisington 35	37.54 Michele Roy 38	1:14.07 Jackie Heer 37	9:09.71 K PIPES-NEILSEN 03
2:21.33 Becky Heller 39	38.27 Karen Schneider 36	1:14.45 Kristin Gary 36	9:09.71 K Pipes-Neilsen 41
▪ 400 M. FREESTYLE	39.13 Pamela Lindroos 37	1:14.75 Susan B Jones 37	9:57.76 Rebecca Kalibat 40
4:22.56 K PIPES-NEILSEN 99	39.18 Therese Kominski 36	▪ 200 M. INDIVIDUAL MEDLEY	10:15.64 Jana Matena 41
4:33.88 Charlott Petersen 39	39.19 Janet Harris 38	2:19.08 K PIPES-NEILSEN 00	10:24.56 Anna DeLozier 40
4:34.69 Laurie Hug 38	39.24 Sara Demyanovich 39	2:30.33 Birgit Lohberg 38	10:33.57 Paula Pollard 40
4:43.17 Heather Hagadorn 38	39.37 Cynthia Snyder 38	2:32.32 Charlott Petersen 39	10:39.91 Susan Donahue 43
4:45.75 Mimi Cook 38	39.67 D Schultz-Santos 35	2:33.62 Laurie Hug 38	10:46.89 Penny Bates 42
4:49.20 Nancy North 35	40.65 Liesa Nichols 38	2:38.65 Andrea Luallen 38	10:47.74 Laura Kessler 43
4:53.05 Jill E Gellatly 36	▪ 100 M. BREASTSTROKE	2:38.97 Michelle Chow 35	10:48.62 Leslie Henshaw 44
4:58.44 Andrea L Luallen 38	1:11.97 CAROLINE KRATTLI 00	2:39.92 Julie Bills 35	10:50.22 Andrea Funk 40
4:59.84 Heather Rietz 35	1:18.46 Cheryl Conlin 35	2:42.05 Michele Roy 38	▪ 1500 M. FREESTYLE
5:02.48 Victoria Rian 37	1:20.72 Birgit Lohberg 38	2:42.59 E Meresca-Ortof 37	17:45.50 K PIPES-NEILSEN 03
5:06.21 Kathy L Marques 37	1:23.39 Michele Roy 38	2:43.92 Jill E Gellatly 36	17:45.50 K Pipes-Neilsen 41
▪ 800 M. FREESTYLE	1:24.54 Andrea Luallen 38	2:44.14 Ellen Reynolds 39	18:51.73 Rebecca Kalibat 40
9:14.27 LAURIE HUG 00	1:25.40 Sara Demyanovich 39	▪ 400 M. INDIVIDUAL MEDLEY	19:05.17 Kimberly Elsbach 40
9:26.12 Laurie Hug 38	1:25.71 D Schultz-Santos 35	4:52.85 K PIPES-NEILSEN 97	19:33.18 Jana Matena 41
9:44.37 Charlott Petersen 39	1:26.45 Cynthia Snyder 38	5:24.25 Laurie Hug 38	19:36.80 Anna DeLozier 40
9:54.94 Mimi Cook 38	1:27.00 Pamela Lindroos 37	5:39.76 Nancy North 35	20:09.52 Paula Pollard 40
10:01.54 Heather Hagadorn 38	1:27.12 Liesa Nichols 38	5:43.54 Karen Becker 36	20:23.41 Laura Kessler 43
10:11.94 Nancy North 35	1:27.40 Elizabeth Watkins 38	5:47.22 Andrea L Luallen 38	20:25.74 Penny Bates 42
10:53.35 Rebec Friedlander 37	▪ 200 M. BREASTSTROKE	5:47.54 Heather Hagadorn 38	20:26.49 Susan C Hamann 41
10:55.68 Elizabeth Watkins 38	2:36.04 CAROLINE KRATTLI 00	5:50.29 Ellen Reynolds 39	20:33.30 Susan Donahue 43
	2:51.34 Cheryl Conlin 35	6:00.19 Lisa Sheeper 39	

2003 Short-Course Meters - Top-Ten Individuals

<ul style="list-style-type: none"> • 50 M. BACKSTROKE 30.98 K PIPES-NEILSEN 02 31.14 K Pipes-Neilsen 41 31.40 Marika McCue 40 32.13 Vibeke L Swanson 42 32.44 Caroline Krattli 41 33.97 Cathy Shonkweiler 43 35.34 Laurie DiTommaso 41 35.74 Susan Donahue 43 36.07 Vicki Marsh 41 36.28 Lisa Dahl 42 36.73 Anna DeLozier 40 • 100 M. BACKSTROKE 1:05.43 K PIPES-NEILSEN 02 1:05.61 K Pipes-Neilsen 41 1:08.74 Vibeke L Swanson 42 1:09.31 Marika McCue 40 1:11.45 Caroline Krattli 41 1:14.73 Terri Cecatiello 44 1:16.08 Cathy Shonkweiler 43 1:17.96 Susan Donahue 43 1:18.01 Deborah Salomone 43 1:19.01 Anna DeLozier 40 1:20.00 Amy S Carow 42 • 200 M. BACKSTROKE 2:19.09 K PIPES-NEILSEN 03 2:19.09 K Pipes-Neilsen 41 2:28.44 Vibeke L Swanson 42 2:36.11 Marika McCue 40 2:47.05 Janet Coover 40 2:48.44 Susan Donahue 43 2:48.95 Anna DeLozier 40 2:50.65 Andrea Funk 40 2:52.15 Steph Petersen 41 2:52.92 K Tetreault 42 2:54.49 Penny Bates 42 • 50 M. BREASTSTROKE 33.67 CAROLINE KRATTLI 03 33.67 Caroline Krattli 41 35.34 K Pipes-Neilsen 41 37.50 Laurie DiTommaso 41 37.54 Jeanne Siragusa 43 37.74 Steph Petersen 41 38.50 Carolyn Koster 42 38.82 Beth Scheimann 41 38.83 Janet Coover 40 38.98 Susan Richmond 42 39.06 Paula Pollard 40 • 100 M. BREASTSTROKE 1:12.08 CAROLINE KRATTLI 03 1:12.08 Caroline Krattli 41 1:21.89 Rebecca Kalibat 40 1:22.48 Jeanne Siragusa 43 1:22.69 Janet Coover 40 1:22.81 Steph Petersen 41 1:24.00 Susan Richmond 42 1:24.30 Laurie DiTommaso 41 1:24.43 Dara Wilber 43 1:24.93 Paula Pollard 40 1:25.35 Carolyn Koster 42 • 200 M. BREASTSTROKE 2:39.10 CAROLINE KRATTLI 02 2:40.44 Caroline Krattli 41 2:57.28 Steph Petersen 41 2:58.43 Rebecca Kalibat 40 3:02.04 Jeanne Siragusa 43 3:02.35 Susan Richmond 42 3:02.70 Penny S Bates 42 3:03.42 Dara Wilber 43 3:06.27 Lisa Wilson 42 3:06.50 Paula Pollard 40 3:07.55 Jocelyn Demirbag 41 • 50 M. BUTTERFLY 29.51 K PIPES-NEILSEN 03 29.51 K Pipes-Neilsen 41 30.56 Laurie DiTommaso 41 30.75 Kathy Shipman 42 30.85 Marika McCue 40 	<ul style="list-style-type: none"> 31.23 Carolyn Voorhees 42 31.39 Lisa Dahl 42 31.46 Pat Craissati 43 31.53 Caroline Krattli 41 31.85 Cathy Shonkweiler 43 31.92 Terri Cecatiello 44 • 100 M. BUTTERFLY 1:03.31 K PIPES-NEILSEN 03 1:03.31 K Pipes-Neilsen 41 1:10.35 Caroline Krattli 41 1:10.79 Pat Craissati 43 1:11.45 Ruth Battle 41 1:12.67 Carolyn Voorhees 42 1:15.21 Cathy Shonkweiler 43 1:15.31 Tami Engel 40 1:16.84 Jane Hansen 43 1:16.89 Jeanne Siragusa 43 1:17.24 Penny S Bates 42 • 200 M. BUTTERFLY 2:20.71 K PIPES-NEILSEN 02 2:24.78 K Pipes-Neilsen 41 2:41.09 Pat Craissati 43 2:44.79 Rebecca Kalibat 40 2:54.15 Penny Bates 42 2:55.59 Anna DeLozier 40 2:55.93 Susan Donahue 43 2:56.31 Marguerite Meyer 44 2:56.97 April Oliver 42 3:01.63 Tami Engel 40 3:08.50 Abigail Falk 42 • 100 M. INDIVIDUAL MEDLEY 1:05.56 K PIPES-NEILSEN 03 1:09.42 Marika McCue 40 1:10.71 Vibeke L Swanson 42 1:13.49 Laurie DiTommaso 41 1:13.81 Lisa Dahl 42 1:14.27 Carolyn Voorhees 42 1:15.41 Janet Coover 40 1:15.76 Steph Petersen 41 1:16.25 Dara Wilber 43 1:16.42 Maria B Doelger 40 • 200 M. INDIVIDUAL MEDLEY 2:20.55 K PIPES-NEILSEN 03 2:20.55 K Pipes-Neilsen 41 2:26.51 Caroline Krattli 41 2:29.76 Vibeke L Swanson 42 2:34.31 Marika McCue 40 2:37.62 Rebecca Kalibat 40 2:40.96 Pat Craissati 43 2:43.98 Steph Petersen 41 2:44.13 Janet Coover 40 2:44.78 Dara Wilber 43 2:46.72 Kelly A Dippold 41 • 400 M. INDIVIDUAL MEDLEY 5:00.82 K PIPES-NEILSEN 02 5:06.63 K Pipes-Neilsen 41 5:18.82 Vibeke L Swanson 42 5:37.27 Rebecca Kalibat 40 5:47.22 Anna DeLozier 40 5:53.39 Kelly A Dippold 41 5:54.16 Penny Bates 42 5:56.58 Marika McCue 40 5:58.71 Leslie Henshaw 44 6:08.80 Susan Donahue 43 6:10.83 Andrea Funk 40 	<ul style="list-style-type: none"> 30.44 Tracy Grilli 46 30.74 Kimberly Wise 47 30.84 Carol-Ann Hudson 46 • 100 M. FREESTYLE 1:02.00 LAURA VAL 98 1:03.49 K AndrusHughes 46 1:04.15 Jean Bancks 47 1:04.33 S Heim-Bowen 45 1:06.19 Leiann Crittenden 47 1:06.56 Mary Lippold 47 1:06.71 Peggy McDonnell 48 1:08.65 Marilyn Early 46 1:09.00 Debbie Cavanaugh 45 1:09.09 Tracy Grilli 46 1:09.11 Celia Devanney 46 • 200 M. FREESTYLE 2:10.91 S HEIM-BOWEN 03 2:10.91 S Heim-Bowen 45 2:27.49 Debbie Cavanaugh 45 2:27.67 Tracy Grilli 46 2:29.67 Joy Leutner 45 2:30.19 Celia C Devanney 46 2:30.83 Leiann Crittenden 47 2:31.83 Marilyn Early 46 2:32.64 Pam Martin 46 2:35.96 Laurie Alioto 45 2:36.36 Chris Pedersen 45 • 400 M. FREESTYLE 4:30.98 S HEIM-BOWEN 03 4:30.98 S Heim-Bowen 45 4:51.27 Karen Einsidler 47 5:01.46 Cindy Lee 46 5:08.87 Colette Crabbe 47 5:09.05 Tracy Grilli 46 5:09.65 Debbie Cavanaugh 45 5:15.26 Robin Parisi 49 5:16.45 Celia C Devanney 46 5:17.35 Nancy Sirois 45 5:18.16 Leiann Crittenden 47 • 800 M. FREESTYLE 9:35.19 S HEIM-BOWEN 03 9:35.19 S Heim-Bowen 45 10:45.88 Jean Bancks 47 10:52.14 Celia Devanney 46 10:55.91 Joy Leutner 45 11:04.38 Niki F Stokols 46 11:06.99 Robin Batchelor 46 11:31.02 Joan Byrne 49 11:34.13 JoAnn Harrelson 47 11:43.77 Lucy A Cook 45 12:11.11 Martha Childs 49 • 1500 M. FREESTYLE 18:55.82 LAURA VAL 98 20:09.37 Jean Bancks 47 20:31.38 Jane Stites-Burks 46 20:43.40 Cory Ferrara 45 20:46.33 Niki F Stokols 46 20:48.11 Celia Devanney 46 21:14.12 Debbie Wilson 49 21:36.62 Joan Byrne 49 21:46.01 Jo Ann Harrelson 47 22:01.07 Chris Pedersen 45 22:02.83 J Vanderfleet-Sco 49 • 50 M. BACKSTROKE 32.65 L VAN PELT-DILLER 03 32.65 L Van Pelt-Diller 45 32.74 K Andrus-Hughes 46 33.52 Sarah Banko 45 34.27 Stephanie Rollins 49 35.27 Debbie Cavanaugh 45 35.36 Kim Goodwin 45 36.26 Marilyn A Fink 49 36.78 Patricia Webb 46 36.94 Peggy McDonnell 48 37.14 Tracy Grilli 46 • 100 M. BACKSTROKE 1:09.98 L VAN PELT-DILLER 03 1:09.98 L Van Pelt-Diller 45 	<ul style="list-style-type: none"> 1:14.14 Sarah Banko 45 1:14.81 Stephanie Rollins 49 1:15.63 Cindy Lee 46 1:16.11 Debbie Cavanaugh 45 1:16.95 Kim Goodwin 45 1:18.86 Jean Bancks 47 1:18.98 Jane Stites-Burks 46 1:19.75 Patricia A Webb 46 1:19.88 Tracy Grilli 46 • 200 M. BACKSTROKE 2:36.25 KAREN EINSIDLER 01 2:40.94 K Andrus-Hughes 46 2:44.69 Stephanie Rollins 49 2:45.73 Debbie Cavanaugh 45 2:46.36 Laurie Alioto 45 2:47.99 Kim Goodwin 45 2:48.66 Patty Webb 46 2:51.67 Jean Bancks 47 2:52.44 Mag Bowen 45 2:53.28 M Pujalet Devitt 46 2:54.14 Peggy McDonnell 48 • 50 M. BREASTSTROKE 36.63 MELINDA MANN 02 36.68 Melinda Mann 47 37.17 Karen Melick 46 38.18 Leiann Crittenden 47 38.49 Debbie Cavanaugh 45 38.77 Colette Crabbe 47 38.86 Karen Mareb 45 39.21 Lisa A Bennett 47 40.07 Amy B Cooley 47 40.67 Kim Goodwin 45 40.93 Peggy McDonnell 48 • 100 M. BREASTSTROKE 1:19.93 MELINDA MANN 02 1:20.43 Melinda Mann 47 1:22.32 Karen Mareb 45 1:23.03 Karen Melick 46 1:24.50 Leiann Crittenden 47 1:25.15 Debbie Cavanaugh 45 1:25.67 Robin Parisi 49 1:27.43 Lisa A Bennett 47 1:28.39 Amy B Cooley 47 1:28.83 C Gettelfinger 46 1:29.83 Peggy McDonnell 48 • 200 M. BREASTSTROKE 2:54.05 COLETTE CRABBE 02 2:54.57 Karen Melick 46 3:04.37 Leiann Crittenden 47 3:08.91 Debbie Cavanaugh 45 3:14.61 Nancy D Gravel 45 3:16.08 Kim Goodwin 45 3:16.43 C Gettelfinger 46 3:17.60 Peggy H McDonnell 48 3:20.44 Paula Sumpter 46 3:20.91 Janice A Lukasik 45 3:22.15 Laurie Alioto 45 • 50 M. BUTTERFLY 30.99 LAURA VAL 98 31.20 Robin Parisi 49 31.29 Traci Granger 45 32.30 Patricia Thomas 45 32.48 Gayle Wettach 46 32.56 Sarah Banko 45 32.91 Stephanie Rollins 49 33.46 Barb Handler 46 33.52 Carol-Ann Hudson 46 33.80 Leiann Crittenden 47 34.02 Peggy H McDonnell 48 • 100 M. BUTTERFLY 1:08.10 LAURA VAL 99 1:11.90 Robin Parisi 49 1:13.80 S Heim-Bowen 45 1:14.24 Colette Crabbe 47 1:14.87 Patricia Thomas 45 1:16.60 M PujaletDevitt 46 1:16.93 Mary Lippold 47 1:17.25 Carol-Ann Hudson 46
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WOMEN 45-49

<ul style="list-style-type: none"> • 50 M. FREESTYLE 28.06 JACKI HIRSTY 00 28.59 K Andrus-Hughes 46 29.00 Traci Granger 45 29.40 Leiann Crittenden 47 29.42 Gayle Wettach 46 29.97 Mary Lippold 47 30.19 Sarah Banko 45 30.37 Stephanie Rollins 49

2003 Short-Course Meters - Top-Ten Individuals

1:18.61 Beverly Amick 49	• 200 M. FREESTYLE	2:55.94 Christie Ciraulo 50	• 100 M. INDIVIDUAL MEDLEY
1:19.13 Barb Handler 46	2:14.66 LAURA VAL 03	2:59.41 Anne Laborwit 53	1:13.12 DANIELLE OGIER 02
1:19.35 Debbie Cavanaugh 45	2:14.66 Laura Val 52	2:59.90 Deb W Walker 52	1:12.50 Laura Val 52NV
• 200 M. BUTTERFLY	2:25.89 Barbara G Dunbar 54	3:00.75 Denise Kirwan 51	1:13.52 Danielle Ogier 51
2:32.52 LAURA VAL 99	2:29.66 Kathi Lindstrom 50	3:01.91 Karlen Trebesiner 50	1:17.20 Joel Feldmann 52
2:42.19 Colette Crabbe 47	2:32.84 Anne Laborwit 53	3:06.83 Jan A Miller 53	1:18.51 Evie Lynch 51
2:52.47 Patricia Thomas 45	2:36.06 Priscill Kawakami 53	• 50 M. BREASTSTROKE	1:21.66 Deb W Walker 52
2:53.63 Laurie Alioto 45	2:37.16 Christie Ciraulo 50	37.94 SUSAN JONES-ROY 01	1:22.21 Diane Rothenberg 50
2:59.58 M PujaletDevitt 46	2:37.61 Pam Cobb 50	38.03 Danielle Ogier 51	1:23.06 Jane A Harper 50
3:01.10 Celia Devanney 46	2:43.80 Frances E Hare 53	39.47 Deb W Walker 52	1:23.12 Denise Kirwan 51
3:01.18 Robin Batchelor 46	2:44.58 Jeanne Teisher 52	40.29 Barbara R Hummel 51	1:23.14 Pat Sargeant 50
3:07.12 Carol-Ann Hudson 46	2:45.79 Nancy Miller 54	40.83 Diane Rothenberg 50	1:25.15 Holly M Houston 51
3:08.46 Jane Stites-Burks 46	• 400 M. FREESTYLE	42.08 Jane A Harper 50	• 200 M. INDIVIDUAL MEDLEY
3:09.73 Rebecca Pinto 48	4:45.72 LAURA VAL 03	42.43 Colny Tucker 52	2:37.52 DANIELLE OGIER 02
3:13.45 Marcie Kanakis 45	4:45.72 Laura Val 52	43.43 Marcie Woodrow 50	2:39.36 Laura Val 52
• 100 M. INDIVIDUAL MEDLEY	5:02.75 Barbara G Dunbar 54	43.63 Jessica Seaton 50	2:40.04 Danielle Ogier 51
1:11.82 LAURA VAL 97	5:18.22 Christie Ciraulo 50	44.86 Beverly Meteyer 50	2:57.83 Barbara G Dunbar 54
1:12.66 Robin Parisi 49	5:20.07 Kathi Lindstrom 50	44.98 Lorinda Luck 53	2:59.42 Christie Ciraulo 50
1:14.84 Gayle Wettach 46	5:21.56 Dot Munger 52	• 100 M. BREASTSTROKE	3:05.58 S Lee-Sheridan 51
1:15.03 Melinda Mann 47	5:23.69 Anne Laborwit 53	1:22.53 SUSAN JONES-ROY 01	3:08.72 Nancy J Surdoval 50
1:15.85 Colette Crabbe 47	5:23.88 Priscill Kawakami 53	1:24.17 Danielle Ogier 51	3:15.29 Barbara R Hummel 51
1:15.98 Debbie Cavanaugh 45	5:41.54 Elizab Deschenes 50	1:25.53 Deb W Walker 52	3:18.22 Jessica Seaton 50
1:16.40 Leiann Crittenden 47	5:42.29 Fran E Hare 53	1:29.96 Diane Rothenberg 50	3:18.23 Susan A Rardin 53
1:16.87 Kim Goodwin 45	5:52.23 Pam Geiger 51	1:30.49 Jane A Harper 50	3:18.44 Pam Geiger 51
1:16.91 Tracy Grilli 46	• 800 M. FREESTYLE	1:31.48 Barbara R Hummel 51	• 400 M. INDIVIDUAL MEDLEY
1:18.61 Jean Bancks 47	9:50.53 LAURA VAL 03	1:36.35 Jessica Seaton 50	5:36.28 LAURA VAL 02
1:18.82 Barb Handler 46	9:50.53 Laura Val 52	1:37.24 Nancy Miller 54	6:03.37 Barbara G Dunbar 54
• 200 M. INDIVIDUAL MEDLEY	10:21.47 Barbara G Dunbar 54	1:38.28 Melinda J Smith 51	6:05.59 Kathi Lindstrom 50
2:36.60 DANIELLE OGIER 00	10:38.79 Kathi Lindstrom 50	1:39.55 Mary Anne Nelson 53	6:22.81 Christie Ciraulo 50
2:42.83 Cindy Lee 46	10:40.76 Christie Ciraulo 50	1:39.65 Sue Bloomfield 51	6:28.87 Priscill Kawakami 53
2:45.16 Debbie Cavanaugh 45	11:14.63 Priscill Kawakami 53	• 200 M. BREASTSTROKE	6:31.40 S Lee-Sheridan 51
2:49.79 M PujaletDevitt 46	11:52.73 Elizab Deschenes 50	2:59.48 DANIELLE OGIER 02	6:42.79 Cathy Mancino 54
2:51.62 Patricia Thomas 45	12:02.27 Pam Geiger 51	3:03.29 Danielle Ogier 51	6:42.88 Nancy J Surdoval 50
2:52.15 Barb Handler 46	12:04.17 Sally Guthrie 53	3:06.87 Deb W Walker 52	6:47.50 Sherry Kittrell 51
2:53.32 Nancy Sirois 45	12:39.33 Myriam Pero 54	3:13.99 Diane Rothenberg 50	6:53.48 Kris Wingenroth 50
2:55.99 Gayle Wettach 46	12:43.88 Darlene Staley 53	3:23.36 Barbara R Hummel 51	6:58.70 Barbara R Hummel 51
2:58.95 Robin Batchelor 46	• 1500 M. FREESTYLE	3:23.51 S Walsh Beilman 54	
2:59.29 M Kleine-Spang 47	18:59.17 LAURA VAL 02	3:23.77 Jane A Harper 50	WOMEN 55-59
2:59.34 Patricia Webb 46	19:19.67 Laura Val 52	3:25.16 Priscill Kawakami 53	• 50 M. FREESTYLE
• 400 M. INDIVIDUAL MEDLEY	19:37.21 Barbara G Dunbar 54	3:27.60 Kathi Lindstrom 50	30.37 ARDETH MUELLER 96
5:33.37 LAURA VAL 99	20:22.38 Christie Ciraulo 50	3:29.90 Eileen Craffey 52	31.63 F Williamson 55
5:43.99 S Heim-Bowen 45	20:24.24 Kathi Lindstrom 50	3:30.42 Jessica Seaton 50	34.13 Marcia Barry 55
5:59.44 Laurie Alioto 45	21:22.55 Sherry Kittrell 51	• 50 M. BUTTERFLY	34.28 Dale Barnhard 56
5:59.62 Debbie Cavanaugh 45	22:12.60 Elizab Deschenes 50	31.16 LAURA VAL 01	34.71 Kathrine Casey 55
6:04.14 Patricia Thomas 45	22:38.94 Pam Geiger 51	31.77 Laura Val 52	34.70 Joanne Menard 55
6:07.46 Traci Granger 45	22:47.47 Sally K Guthrie 53	32.43 Joel Feldmann 52	35.30 Joanne Menard 55
6:08.05 Robin Batchelor 46	23:25.83 Phyllis Springer 54	32.81 Christie Ciraulo 50	35.37 Janet Jastremski 55
6:09.69 Nancy Sirois 45	23:54.04 Myriam Pero 54	33.55 Evie Lynch 51	35.82 Germaine Havel 55
6:14.30 Celia C Devanney 46	• 50 M. BACKSTROKE	34.16 Colny Tucker 52	36.05 Meegan Wilson 55
6:20.63 Cece Carlton 46	32.55 J SWAGERTY-HILL 02	34.34 Debbie Glassman 50	36.06 Jackie Quattro 56
6:21.97 Jo Ann Harrelson 47	33.19 Laura Val 52	35.51 Pat Sargeant 50	37.11 Susan F Herner 55
	34.73 Joel Feldmann 52	36.67 Barbara G Dunbar 54	• 100 M. FREESTYLE
	35.76 Ann H Guins 50	37.00 Jane A Harper 50	1:08.70 F WILLIAMSON 03
WOMEN 50-54	36.01 Evie Lynch 51	• 100 M. BUTTERFLY	1:08.70 F Williamson 55
• 50 M. FREESTYLE	37.19 Karlen Trebesiner 50	1:09.05 LAURA VAL 01	1:14.82 Marcia Barry 55
28.54 JACKI HIRSTY 02	37.83 Anne G LaBorwit 53	1:09.24 Laura Val 52	1:16.07 Joanne Menard 55
28.81 Laura Val 52	38.40 Nancy J Surdoval 50	1:15.25 Christie Ciraulo 50	1:16.21 Jackie Quattro 56
29.10 Joel Feldmann 52	38.98 Jan A Miller 53	1:18.20 Barbara G Dunbar 54	1:18.88 Kathrine Casey 55
30.58 Colny Tucker 52	39.57 Deb W Walker 52	1:20.20 Debbie Glassman 50	1:19.04 Germaine Havel 55
30.66 Karlen Trebesiner 50	40.13 Pat Sargeant 50	1:25.58 S Lee-Sheridan 51	1:20.76 Sarah Welch 56
30.68 Evie Lynch 51	• 100 M. BACKSTROKE	1:27.59 Sherry Kittrell 51	1:20.95 Janet Jastremski 55
31.09 Pam Cobb 50	1:12.95 LAURA VAL 01	1:27.68 Jan Miller 53	1:21.01 Meegan Wilson 55
31.33 Debbie Glassman 50	1:15.09 Laura Val 52	1:29.50 Sally Guthrie 53	1:23.72 Barbara Goltz 57
31.53 Diane Rothenberg 50	1:16.60 Joel Feldmann 52	1:32.70 Kay Haddad 51	• 200 M. FREESTYLE
31.61 Pat Sargeant 50	1:21.01 Evie Lynch 51	1:33.86 Karen Wedaman 50	2:28.30 ARDETH MUELLER 96
31.75 Anne G LaBorwit 53	1:21.03 Karlen Trebesiner 50	• 200 M. BUTTERFLY	2:32.29 F Williamson 55
• 100 M. FREESTYLE	1:22.41 Anne Laborwit 53	2:44.84 BARBARA DUNBAR 99	2:43.27 Marcia Barry 55
1:01.49 LAURA VAL 01	1:23.98 Deb W Walker 52	2:49.83 Barbara G Dunbar 54	2:48.34 Jackie Quattro 56
1:02.48 Laura Val 52	1:24.20 Ann H Guins 50	2:59.35 Christie Ciraulo 50	2:49.65 Kathy Slifer 58
1:08.40 Pam Cobb 50	1:25.75 Jan Miller 53	3:06.05 Cathy Mancino 54	2:56.39 Joanne Menard 55
1:08.43 Evie Lynch 51	1:26.46 Barbara G Dunbar 54	3:11.92 Kris Wingenroth 50	2:56.99 Germaine Havel 55
1:08.63 Joel Feldmann 52	1:26.46 Nancy J Surdoval 50	3:18.41 S Lee-Sheridan 51	3:00.22 Kathrine Casey 55
1:08.71 Colny Tucker 52	• 200 M. BACKSTROKE	3:29.48 Darlene Staley 53	3:03.63 Susan L Yeomans 55
1:09.13 Karlen Trebesiner 50	2:41.20 LAURA VAL 03	3:45.85 Sally K Guthrie 53	3:03.77 Mary Pohlmann 58
1:09.42 Diane Rothenberg 50	2:41.20 Laura Val 52	3:50.77 Marie H Vellucci 54	3:05.35 Marji Thomas-Will 56
1:09.62 Anne G LaBorwit 53	2:47.44 Danielle Ogier 51	4:02.68 Candace Lang 53	• 400 M. FREESTYLE
1:11.41 Debbie Glassman 50	2:47.53 Evie Lynch 51	4:14.65 Page Wasson 50	5:15.91 ARDETH MUELLER 96
1:12.21 Deb W Walker 52	2:55.63 Kathi Lindstrom 50		5:22.59 F Williamson 55

2003 Short-Course Meters - Top-Ten Individuals

5:47.96 Marcia Barry	55	47.48 Kaetche Miller	56	3:15.15 Marcia Barry	55	14:28.32 Sally Bolar	64
5:52.09 Kathy Slifer	58	47.76 Susie Baker	55	3:18.37 Susan Tyler	55	14:29.31 Marlee Valderhaug	62
6:03.42 Jackie Quattro	56	48.60 Kathrine Casey	55	3:18.49 Mary M Pohlmann	58	14:30.20 Jennifer Parks	60
6:08.49 Kathrine Casey	55	• 100 M. BREASTSTROKE		3:20.67 Sue Lecarreux	58	14:44.25 Marilyn A Ramey	63
6:12.34 Mary M Pohlmann	58	1:26.33 DALE BARNHARD	03	3:21.46 Meegan Wilson	55	15:33.72 Helen Geoffrion	64
6:17.45 Marcia M Hill	59	1:26.33 Dale Barnhard	56	3:21.83 Susan L Yeomans	55	16:21.73 Patricia F Arnold	64
6:28.23 Judy Gillies	55	1:27.95 Ginger Pierson	57	3:22.72 Daniela Barnea	59	• 1500 M. FREESTYLE	
6:33.59 Janet Jastremski	55	1:34.13 Barbara Goltz	57	3:24.78 Margot Pettijohn	57	21:33.34 JACKIE MARR	03
6:34.50 Marcia Anziano	58	1:34.24 Margot Pettijohn	57	3:25.58 Sarah Welch	56	21:33.34 Jackie Marr	60
• 800 M. FREESTYLE		1:36.15 Daniela Barnea	59	• 400 M. INDIVIDUAL MEDLEY		23:51.07 Sarah Kopsky	62
10:56.19 ARDETH MUELLER	00	1:36.42 Meegan Wilson	55	6:12.91 ARDETH MUELLER	00	23:56.60 Jane Katz	60
11:30.56 F Williamson	55	1:42.85 Kathrine Casey	55	6:47.81 Kathy Slifer	58	25:01.86 Lynne Lund	63
11:39.82 Marcia Barry	55	1:46.08 Arni Litt	57	6:52.46 Kathrine Casey	55	26:21.58 Susan Meyers	61
12:16.17 Jackie Quattro	56	1:46.38 Susan L Yeomans	55	6:56.23 Mary M Pohlmann	58	27:05.59 Anne Long	61
12:20.17 Kathrine Casey	55	1:47.56 A Susan Tyler	55	6:56.33 Ginger Pierson	57	27:23.36 Jennifer Parks	60
12:27.40 Mary M Pohlmann	58	• 200 M. BREASTSTROKE		7:07.04 Susan L Yeomans	55	28:23.01 Pam Himstreet	60
13:00.68 Susan L Yeomans	55	3:12.18 DALE BARNHARD	03	7:14.54 Susan Tyler	55	28:30.49 Marlee Valderhaug	62
13:10.10 Meegan Wilson	55	3:12.18 Dale Barnhard	56	7:15.63 Margot Pettijohn	57	29:29.91 Marilyn Ramey	63
13:12.41 Sarah L Tyler	58	3:17.54 Ginger Pierson	57	7:15.95 Meegan Wilson	55	• 50 M. BACKSTROKE	
13:28.11 Brenda Jarmakani	56	3:23.23 Margot Pettijohn	57	7:22.55 Edith Jacobsen	56	38.74 BETSY JORDAN	97
13:43.53 Judy Michel	57	3:24.88 F Williamson	55	7:23.27 Marji Thomas-Will	56	41.15 Jackie Marr	60
• 1500 M. FREESTYLE		3:27.88 Meegan Wilson	55			41.69 Joy Ward	61
21:35.84 LVELLE STOINOFF	89	3:29.56 Kathy Slifer	58	WOMEN 60-64		41.80 Barbara Frid	61
21:56.12 Marcia Barry	55	3:31.68 Daniela Barnea	59	• 50 M. FREESTYLE		43.88 Jane Katz	60
22:07.35 F Williamson	55	3:41.40 Barbara Goltz	57	32.92 JACKIE MARR	03	44.47 Lynne Lund	63
22:47.27 Linda Shoenberger	56	3:42.87 Kathrine Casey	55	32.92 Jackie Marr	60	45.53 Beth Schreiner	62
22:54.46 Kathrine Casey	55	3:45.70 Sue Lecarreux	58	33.84 Nancy Ridout	61	47.29 Jennifer Parks	60
22:56.13 Jackie Quattro	56	• 50 M. BUTTERFLY		34.30 Joy Ward	61	47.49 Nancy Kirkendall	60
24:40.14 Susan L Yeomans	55	33.66 ARDETH MUELLER	97	34.93 Beth Schreiner	62	48.39 Elaine Bromwich	61
24:48.04 Meegan Wilson	55	36.21 Susan Tyler	55	36.43 Susan Meyers	61	50.43 Jane Birkhead	63
24:51.38 Mary Pohlmann	58	38.34 Joanne Menard	55	36.95 Sally Bolar	64	• 100 M. BACKSTROKE	
25:13.47 Brenda Jarmakani	56	38.73 F Williamson	55	36.96 Lynne Lund	63	1:24.16 BETSY JORDAN	97
25:17.25 Jeannie Mitchell	57	39.83 Ginger Pierson	57	37.70 Betty Dugan	62	1:27.06 Jackie Marr	60
• 50 M. BACKSTROKE		40.41 Kathy Slifer	58	37.81 Elaine Bromwich	61	1:30.56 Joy Ward	61
36.07 B BARNETT-SALLEE	01	40.77 Meegan Wilson	55	37.81 Elaine Bromwich	61	1:32.85 Jane Katz	60
40.83 Mary M Pohlmann	58	40.83 Daniela Barnea	59	38.78 Jane Birkhead	63	1:33.41 Sarah Kopsky	62
41.12 F Williamson	55	41.93 Susan L Yeomans	55	• 100 M. FREESTYLE		1:36.74 Lynne Lund	63
41.82 Kathy Slifer	58	42.11 Janet Jastremski	55	1:12.39 JACKIE MARR	03	1:38.69 Barbara Frid	61
42.45 Jeannie Mitchell	57	42.68 Ann Svenson	58	1:12.39 Jackie Marr	60	1:44.91 Francesca Drum	62
42.79 Jackie Quattro	56	• 100 M. BUTTERFLY		1:20.81 Nancy Ridout	61	1:44.99 Jennifer Parks	60
43.34 Ginger Pierson	57	1:18.75 ARDETH MUELLER	97	1:23.07 Joy Ward	61	1:46.86 Rebecca Jones	60
44.30 Marcia Barry	55	1:22.24 Sherry L Puthoff	56	1:23.12 Susan Meyers	61	1:47.29 Elaine Bromwich	61
45.42 Susan Yeomans	55	1:26.69 Susan Tyler	55	1:23.12 Lynne Lund	63	• 200 M. BACKSTROKE	
46.09 Catherine Brooks	55	1:30.49 Ginger Pierson	57	1:23.80 Barbara Frid	61	3:01.86 JACKIE MARR	03
48.21 Sally Ann Smith	55	1:32.95 Margot Pettijohn	57	1:24.12 Beth Schreiner	62	3:01.86 Jackie Marr	60
• 100 M. BACKSTROKE		1:33.98 Daniela Barnea	59	1:26.10 Sally Bolar	64	3:16.14 Jane Katz	60
1:19.20 B BARNETT-SALLEE	01	1:34.65 Susan L Yeomans	55	1:26.73 Betty Dugan	62	3:18.41 Joy Ward	61
1:27.34 Kathy Slifer	58	1:36.46 Meegan Wilson	55	1:28.43 Kathleen B Sarg	60	3:29.34 Lynne Lund	63
1:28.88 Mary M Pohlmann	58	1:36.75 Sarah Welch	56	• 200 M. FREESTYLE		3:38.89 Jennifer Parks	60
1:29.11 F Williamson	55	1:39.92 Kathrine Casey	55	2:39.92 LVELLE STOINOFF	93	3:45.33 Francesca Drum	62
1:30.28 Kathrine Casey	55	1:40.38 Kathy Slifer	58	2:39.96 Jackie Marr	60	3:54.97 Elaine Bromwich	61
1:30.66 Marcia Barry	55	• 200 M. BUTTERFLY		2:56.91 Nancy Ridout	61	4:04.65 Ann Louise Onton	60
1:31.96 Jeannie Mitchell	57	2:55.05 ARDETH MUELLER	96	3:00.25 Jane Katz	60	4:09.90 Patricia F Arnold	64
1:33.45 Ginger Pierson	57	3:16.34 Ginger Pierson	57	3:01.43 Beth Schreiner	62	4:22.05 Martha Davis	63
1:38.80 Catherine Brooks	55	3:37.40 Kathrine Casey	55	3:04.17 Lynne Lund	63	• 50 M. BREASTSTROKE	
1:38.92 Susan Yeomans	55	3:40.45 Barbara Larsen	56	3:10.97 Sally Bolar	64	41.35 JOANN LEILICH	00
1:44.59 Marji Thomas-Will	56	3:43.85 Marji Thomas-Will	56	3:13.79 Kathleen B Sarg	60	41.91 Elaine Bromwich	61
• 200 M. BACKSTROKE		3:45.37 Margot Pettijohn	57	3:17.04 Aagje Caron	62	48.32 Francesca Drum	62
2:58.14 JACKIE MARR	00	3:47.67 Mary Pohlmann	58	3:20.08 Betty Dugan	62	48.72 Jackie Marr	60
3:07.71 Mary M Pohlmann	58	3:52.31 Nancy Kranpitz	58	3:22.57 Anne Long	61	51.24 Joy Ward	61
3:10.41 Marcia Barry	55	4:00.35 Edith Jacobsen	56	• 400 M. FREESTYLE		51.42 Marilyn A Ramey	63
3:10.62 Kathrine Casey	55	4:01.05 Jeannie Mitchell	57	5:27.75 JACKIE MARR	03	51.78 Shelly Whitlock	64
3:18.98 Susan Yeomans	55	4:01.55 Winifred Prall	56	5:27.75 Jackie Marr	60	51.98 Jane Katz	60
3:19.93 Jeannie Mitchell	57	• 100 M. INDIVIDUAL MEDLEY		6:16.09 Jane Katz	60	52.39 Lynne Lund	63
3:25.83 Ginger Pierson	57	1:19.02 CAROLYN BOAK	01	6:16.21 Nancy Ridout	61	52.78 Sandy Skarsaune	60
3:29.35 Barbara Larsen	56	1:21.14 Sherry L Puthoff	56	6:22.79 Lynne Lund	63	53.84 Carolyn Behse	60
3:29.97 Edith Jacobsen	56	1:23.66 Dale Barnhard	56	6:38.38 Kathleen B Sarg	60	• 100 M. BREASTSTROKE	
3:40.16 Kaetche Miller	56	1:26.13 Ginger Pierson	57	6:48.72 Susan Meyers	61	1:30.58 JOANN LEILICH	00
3:55.35 Eva Moravec	56	1:28.27 Kathy Slifer	58	6:59.45 Sally Bolar	64	1:33.31 Joann Leilich	64
• 50 M. BREASTSTROKE		1:29.30 A Susan Tyler	55	7:02.22 Anne Long	61	1:34.81 Elaine Bromwich	61
39.35 DALE BARNHARD	03	1:30.71 Marcia Barry	55	7:02.53 Aagje Caron	62	1:44.43 Susan Meyers	61
39.35 Dale Barnhard	56	1:31.55 Meegan Wilson	55	7:06.57 Pam Himstreet	60	1:45.23 Francesca Drum	62
40.27 Ginger Pierson	57	1:34.09 Sue Lecarreux	58	• 800 M. FREESTYLE		1:50.67 Sandy Skarsaune	60
43.10 Meegan Wilson	55	1:34.25 Daniela Barnea	59	11:30.55 LVELLE STOINOFF	93	1:52.57 Lynne Lund	63
43.53 Daniela Barnea	59	1:36.12 Susan L Yeomans	55	11:45.61 Jackie Marr	60	1:53.03 Marilyn A Ramey	63
44.66 Kathy Slifer	58	• 200 M. INDIVIDUAL MEDLEY		12:35.07 Jane Katz	60	1:53.07 Pam Himstreet	60
46.61 Marcia Barry	55	2:52.43 ARDETH MUELLER	97	13:54.93 Susan Meyers	61	1:54.30 Aagje Caron	62
46.68 Candy Christenson	56	3:13.83 Ginger Pierson	57	14:03.43 Carol Sing	62	1:59.12 Carolyn Haefner	64

2003 Short-Course Meters - Top-Ten Individuals

▪ 200 M. BREASTSTROKE		8:48.72 Ann Louise Onton	60	40.11 BETSY JORDAN	03	50.77 Sally Newell	66
3:18.25 JOANN LEILICH	01	8:54.50 Ingrid Stine	64	40.11 Betsy Jordan	66	51.34 Patricia Tullman	66
3:20.33 Joann Leilich	64			47.59 Jean Larrabee	65	52.41 Sara Snoek	65
3:26.28 Elaine Bromwich	61	<u>WOMEN 65-69</u>		47.85 Sally Newell	66	52.77 Carolyn Schwab	65
3:42.25 Jackie Marr	60			48.33 Barbara Zaremski	66	52.80 Ronnie Kamphausen	69
3:46.31 Susan L Meyers	61	▪ 50 M. FREESTYLE		49.80 Patricia Tullman	66	▪ 100 M. BUTTERFLY	
3:46.88 Francesca Drum	62	34.17 GAIL ROPER	96	50.06 Midge Kraetzer	65	1:33.10 GAIL ROPER	95
3:54.72 Sandy Skarsaune	60	36.94 Barbara Zaremski	66	52.56 Ann McDonnell	65	1:38.02 Midge Kraetzer	65
3:56.18 Lynne Lund	63	38.73 Sally Newell	66	52.72 Laura J Gogola	67	1:40.69 Susan Munn	65
3:56.21 Pam Himstreet	60	39.07 Midge Kraetzer	65	53.59 Barbara Bower	65	1:42.22 Betsy Jordan	66
4:02.06 Aagje Caron	62	39.61 Patricia Tullman	66	54.73 Adrienne Pipes	69	1:50.61 Susan Livingston	65
4:03.75 Jane Katz	60	40.22 Mary Lu Valentine	68	▪ 100 M. BACKSTROKE		1:53.46 Patricia Tullman	66
▪ 50 M. BUTTERFLY		40.33 Sara Snoek	65	1:26.96 BETSY JORDAN	02	1:54.15 Carolyn Schwab	65
36.27 JOY WARD	02	41.70 Adrienne Pipes	69	1:33.54 Betsy Jordan	66	2:02.80 Jean Sterling	67
36.95 Joy Ward	61	42.29 Ann McDonnell	65	1:39.53 Sally Newell	66	2:03.37 Ronnie Kamphausen	69
37.09 Sarah Kopsky	62	42.60 Margaret K Franco	65	1:40.35 Susan Livingston	65	2:06.54 Sara Snoek	65
40.24 Lynne Lund	63	43.26 Laura Gogola	67	1:41.13 Midge Kraetzer	65	2:09.43 Janet Moeller	69
41.08 Susan L Meyers	61	▪ 100 M. FREESTYLE		1:43.67 Susan Munn	65	▪ 200 M. BUTTERFLY	
42.28 Beth Schreiner	62	1:16.26 GAIL ROPER	96	1:49.09 Patricia Tullman	66	3:32.93 JUNE KRAUSER	95
43.13 Barbara Frid	61	1:23.42 Midge Kraetzer	65	1:51.43 Barbara Zaremski	66	3:46.82 Midge Kraetzer	65
43.21 Sally Bolar	64	1:23.60 Barbara Zaremski	66	1:53.99 Barbara Bower	65	3:51.10 Betsy Jordan	66
45.58 Betty Dugan	62	1:27.93 Betsy T Jordan	66	2:00.15 Ruth Stavis	66	4:22.73 Patricia Tullman	66
48.81 Ann Louise Onton	60	1:31.26 Patricia Tullman	66	2:00.57 Laura J Gogola	67	4:25.93 Jean Sterling	67
51.19 Marilyn Ramey	63	1:31.40 Adrienne Pipes	69	▪ 200 M. BACKSTROKE		5:21.96 Janet Moeller	69
▪ 100 M. BUTTERFLY		1:32.64 Mary Lu Valentine	68	3:15.36 BETSY JORDAN	02	5:18.91 Doris Prokopi	68
1:31.65 JACKIE MARR	03	1:33.64 Ann McDonnell	65	3:21.44 Betsy Jordan	66	6:37.11 Kathy Kronwall	67
1:31.65 Jackie Marr	60	1:37.16 Barbara Bower	65	3:32.30 Susan Livingston	65	▪ 100 M. INDIVIDUAL MEDLEY	
1:38.94 Lynne Lund	63	1:39.05 Laura Gogola	67	3:36.77 Sally Newell	66	1:28.95 GAIL ROPER	96
1:39.03 Joy Ward	61	1:40.61 Peg Cloutier	68	3:39.50 Midge Kraetzer	65	1:35.08 Betsy Jordan	66
1:56.99 Ann Louise Onton	60	▪ 200 M. FREESTYLE		3:51.31 Barbara Zaremski	66	1:38.01 Susan Munn	65
1:59.39 Pam Himstreet	60	2:54.15 GAIL ROPER	96	3:55.80 Ann McDonnell	65	1:40.09 Sally Newell	66
2:11.30 Patricia F Arnold	64	2:59.00 Susan Munn	65	3:57.68 Patricia Tullman	66	1:43.32 Midge Kraetzer	65
2:16.60 Jeannine Olson	64	3:03.94 Midge Kraetzer	65	4:08.53 Barbara Bower	65	1:44.11 Barbara Zaremski	66
2:20.87 Martha Davis	63	3:06.71 Betsy Jordan	66	4:14.50 Ronnie Kamphausen	69	1:53.49 Donna Ryman	67
▪ 200 M. BUTTERFLY		3:10.25 Barbara Zaremski	66	4:17.41 Doris Prokopi	68	1:54.59 Margaret K Franco	65
3:30.11 BETSY JORDAN	98	3:12.71 Ronnie Kamphausen	69	▪ 50 M. BREASTSTROKE		1:54.81 Carolyn Schwab	65
3:32.66 Jackie Marr	60	3:15.27 Adrienne Pipes	69	44.55 JAYNE BRUNER	00	1:55.34 Adrienne Pipes	69
3:39.87 Lynne Lund	63	3:17.20 Patricia Tullman	66	47.04 Sally Newell	66	1:56.22 Jean Sterling	67
3:53.56 Susan Meyers	61	3:22.75 Sara Snoek	65	50.81 Jean Sterling	67	▪ 200 M. INDIVIDUAL MEDLEY	
4:19.14 Pam Himstreet	60	3:30.13 Mary Lu Valentine	68	52.37 Carolyn Schwab	65	3:18.77 CLARA WALKER	91
4:26.48 Ann Louise Onton	60	3:32.68 Ann McDonnell	65	52.95 Donna Ryman	67	3:30.35 Betsy Jordan	66
4:26.63 Elizabeth Johnson	64	▪ 400 M. FREESTYLE		54.07 Doris Prokopi	68	3:37.61 Susan Munn	65
4:29.86 Ingrid Stine	64	5:59.10 LAVELLE STOINOFF	02	54.27 Beverly Salvetti	66	3:41.87 Sally Newell	66
4:57.39 Jeannine Olson	64	6:18.16 Susan Munn	65	55.44 Carol Reinke	67	3:47.78 Barbara Zaremski	66
▪ 100 M. INDIVIDUAL MEDLEY		6:30.20 Betsy Jordan	66	55.91 Janet Moeller	69	3:54.26 Jean Sterling	67
1:24.91 JACKIE MARR	03	6:43.48 Ronnie Kamphausen	69	56.70 Margaret VanFlein	68	3:59.13 Ronnie Kamphausen	69
1:24.91 Jackie Marr	60	6:51.58 Adrienne Pipes	69	56.75 Adrienne Pipes	69	4:01.32 Carolyn Schwab	65
1:30.36 Joy Ward	61	6:52.32 Barbara Zaremski	66	▪ 100 M. BREASTSTROKE		4:08.38 Margaret K Franco	65
1:31.95 Barbara Frid	61	7:16.53 Ann McDonnell	65	1:41.41 GAIL ROPER	95	4:24.59 Janet Moeller	69
1:33.38 Susan L Meyers	61	7:24.17 Barbara Bower	65	1:42.87 Sally Newell	66	4:30.09 Ruth Stavis	66
1:35.60 Lynne Lund	63	7:36.44 Laura J Gogola	67	1:53.06 Carolyn Schwab	65	▪ 400 M. INDIVIDUAL MEDLEY	
1:39.27 Jane Katz	60	7:37.39 Mary Lu Valentine	68	1:56.52 Jean Sterling	67	7:07.69 GAIL ROPER	96
1:42.01 Rebeccah Jones	60	7:51.58 Sylvia Glenn	66	1:56.91 Donna Ryman	67	7:33.31 Betsy Jordan	66
1:44.59 Marilyn A Ramey	63	▪ 800 M. FREESTYLE		1:58.60 Doris Prokopi	68	8:13.84 Barbara Zaremski	66
1:49.29 Jane Birkhead	63	12:20.68 LAVELLE STOINOFF	02	1:59.61 Beverly Salvetti	66	8:39.79 Jean Sterling	67
1:49.44 Betty Dugan	62	13:14.89 Betsy T Jordan	66	2:00.65 Barbara Zaremski	66	9:16.58 Doris Prokopi	68
▪ 200 M. INDIVIDUAL MEDLEY		14:19.47 Adrienne S Pipes	69	2:00.88 Carol Reinke	67	9:40.55 Janet Moeller	69
3:03.22 JACKIE MARR	03	14:29.57 Ann McDonnell	65	2:05.65 Margaret VanFlein	68	10:41.57 Nana Whalen	66
3:03.22 Jackie Marr	60	14:46.50 Barbara Zaremski	66	2:05.70 Janet Moeller	69	12:21.64 Kathy Kronwall	67
3:21.53 Joy Ward	61	14:49.33 Patricia Tullman	66	▪ 200 M. BREASTSTROKE			
3:24.39 Lynne Lund	63	15:29.75 Laura Gogola	67	3:41.93 GAIL ROPER	95	<u>WOMEN 70-74</u>	
3:28.37 Susan L Meyers	61	15:44.76 Barbara Bower	65	3:48.88 Sally Newell	66	▪ 50 M. FREESTYLE	
3:46.40 Sally Bolar	64	16:33.77 Sylvia Glenn	66	4:05.95 Carolyn Schwab	65	35.37 GAIL ROPER	99
3:54.98 Pam Himstreet	60	18:14.47 Nancy Waite	69	4:14.47 Jean Sterling	67	40.72 Nanette Bohl	74
4:01.73 Marilyn Ramey	63	22:54.36 Janice Barnes	68	4:14.81 Carol Reinke	67	43.02 Barbara Callison	70
4:07.27 Elizabeth Johnson	64	▪ 1500 M. FREESTYLE		4:19.10 Barbara Zaremski	66	43.67 Margaret Homans	71
4:08.36 Ann Louise Onton	60	23:38.44 CLARA WALKER	92	4:28.49 Beverly Salvetti	66	44.98 Nancy Kinney	74
4:09.32 Helen Geoffrion	64	24:31.69 Susan Munn	65	4:28.75 Janet Moeller	69	46.04 Laurine Schuler	73
▪ 400 M. INDIVIDUAL MEDLEY		25:26.96 Betsy T Jordan	66	4:36.18 Doris Prokopi	68	47.00 Gay Collins	73
6:27.20 JACKIE MARR	03	25:54.30 Adrienne S Pipes	69	4:42.79 Bernie Pollett	67	47.39 Georgia Goggin	74
6:27.20 Jackie Marr	60	27:21.53 Barbara Zaremski	66	4:43.60 Sylvia Glenn	66	47.99 Joan Waldbaum	72
7:14.20 Lynne Lund	63	27:57.76 Patricia Tullman	66	▪ 50 M. BUTTERFLY		50.33 S Robbins-Bonitz	70
7:19.90 Susan Meyers	61	29:27.40 Barbara Bower	65	38.44 GAIL ROPER	95	53.12 Barbara Eisele	73
7:22.28 Joy Ward	61	29:51.78 Laura Gogola	67	42.24 Betsy Jordan	66	▪ 100 M. FREESTYLE	
8:24.92 Jennifer Parks	60	30:05.60 Sylvia Glenn	66	43.27 Midge Kraetzer	65	1:18.67 GAIL ROPER	99
8:27.16 Pam Himstreet	60	34:39.21 Joyce Haworth	66	46.97 Susan Livingston	65	1:35.97 Lida A Gaschke	71
8:31.48 Marilyn Ramey	63	35:19.88 Nancy Waite	69	48.75 Adrienne Pipes	69	1:37.01 Nan Bohl	74
8:39.73 Helen Geoffrion	64	▪ 50 M. BACKSTROKE		48.94 Jean Sterling	67		

2003 Short-Course Meters - Top-Ten Individuals

1:38.25 Joan Alexander 71	4:18.47 S Robbins-Bonitz 70	2:25.73 Barbara Eisele 73	20:13.41 Flora Wong 75
1:38.91 Ann Hirsch 72	4:27.09 Joan Campbell 73	2:29.83 Alyce Vogel 71	• 1500 M. FREESTYLE
1:45.96 Joan Campbell 73	4:29.94 Gay Collins 73	• 200 M. INDIVIDUAL MEDLEY	27:39.46 JUNE KRAUSER 01
1:46.83 Laurine Schuler 73	4:33.64 Lilly Kron 72	3:30.92 GAIL ROPER 99	29:13.50 Betty Russ 76
1:48.86 Gay Collins 73	4:40.91 Nancy Durstein 74	3:50.49 Ann Hirsch 72	32:42.24 Lois Kivi Nochman 79
1:50.75 Georgia Goggin 74	4:49.07 Georgia Goggin 74	4:07.04 Barbara Callison 70	33:23.17 Nan Blackledge 79
1:55.38 Lilly Kron 72	5:00.68 Patricia Nielson 71	4:07.60 Nancy Kinney 74	34:58.00 Nancy Reed 76
2:03.81 Barbara Eisele 73	• 50 M. BREASTSTROKE	4:32.39 Nancy Durstein 74	35:24.03 Peggy Sanborn 76
• 200 M. FREESTYLE	47.29 ANN HIRSCH 01	4:55.69 Ruth Aaron 74	35:32.05 Florence Carr 78
2:58.06 GAIL ROPER 00	49.36 Ann Hirsch 72	• 400 M. INDIVIDUAL MEDLEY	37:45.07 Clara E Sotak 79
3:24.84 Ann Hirsch 72	49.81 Sylvia Eisele 74	7:24.32 JUNE KRAUSER 96	39:36.39 Gladys Olsen 77
3:30.49 Nanette Bohl 74	50.79 Lilly Kron 72	8:05.59 Ann Hirsch 72	42:53.16 Gloria Stupfel 77
3:30.71 Lida A Gaschke 71	51.92 Carol Taylor 74	8:45.74 Sylvia Eisele 74	• 50 M. BACKSTROKE
3:41.14 Margaret Homans 71	53.12 Nanette Bohl 74	8:56.03 Nancy Kinney 74	44.76 DORIS STEADMAN 99
3:45.17 Joan Campbell 73	58.40 Nancy Kinney 74	9:27.09 Nancy Durstein 74	48.19 Betty Lorenzi 76
3:48.49 Carol Taylor 74	59.18 Joan Waldbaum 72	9:31.43 Joan Campbell 73	55.87 Florence Carr 78
3:54.64 Nancy Durstein 74	1:00.48 Georgia Goggin 74		57.24 June Krauser 77
3:57.28 Laurine Schuler 73	1:02.10 Joan Campbell 73	WOMEN 75-79	59.18 Lois Kivi Nochman 79
3:59.85 Gay Collins 73	1:02.12 S Robbins-Bonitz 70		59.55 Nan Blackledge 79
4:14.89 Barbara Eisele 73	• 100 M. BREASTSTROKE	• 50 M. FREESTYLE	1:00.78 Peggy Sanborn 76
• 400 M. FREESTYLE	1:44.50 ANN HIRSCH 01	38.89 JEAN TROY 02	1:01.69 Joan McIntyre 75
6:27.21 GAIL ROPER 99	1:46.00 Ann Hirsch 72	39.76 Jean Troy 76	1:01.95 Nancy Reed 76
7:07.01 Ann Hirsch 72	1:55.18 Sylvia Eisele 74	41.15 Florence Carr 78	1:03.98 Edna Gordon 77
7:21.70 Lida A Gaschke 71	1:56.88 Carol Taylor 74	41.23 Betty Russ 76	1:04.41 Bernice Phillips 76
7:23.17 Nanette Bohl 74	2:03.36 Joan Alexander 71	47.27 June Krauser 77	• 100 M. BACKSTROKE
7:31.91 Margaret Homans 71	2:03.66 Nan Bohl 74	49.20 Suzanne Graham 77	1:39.76 DORIS STEADMAN 00
7:56.90 Nancy Durstein 74	2:06.66 Lida A Gaschke 71	51.04 Edna Gordon 77	1:44.17 Betty Lorenzi 76
8:14.23 Gay Collins 73	2:11.54 Joan Waldbaum 72	52.36 Nancy Reed 76	2:03.65 June Krauser 77
8:32.75 Lilly Kron 72	2:15.05 Joan Campbell 73	55.17 Grace Altus 79	2:04.36 Peggy Sanborn 76
8:46.80 Ruth Aaron 74	2:15.75 Georgia Goggin 74	55.43 Joan McIntyre 75	2:04.59 Florence Carr 78
8:57.06 DJ Murray 73	2:17.74 Ruth Aaron 74	55.47 Phyllis Crockett 77	2:05.91 Lois Kivi Nochman 79
9:10.50 Barbara Eisele 73	• 200 M. BREASTSTROKE	• 100 M. FREESTYLE	2:07.14 Nan Blackledge 79
• 800 M. FREESTYLE	3:45.66 ANN HIRSCH 01	1:26.20 JEAN TROY 02	2:09.20 Joan McIntyre 75
13:07.28 JUNE KRAUSER 96	3:49.79 Ann Hirsch 72	1:32.29 Jean Troy 76	2:10.24 Marianna M Hagan 75
14:43.16 Ann Hirsch 72	4:08.85 Lilly Kron 72	1:35.64 Betty Russ 76	2:17.90 Edna Gordon 77
15:32.54 Joan Campbell 73	4:13.35 Sylvia Eisele 74	1:36.05 Betty Lorenzi 76	2:31.97 Gladys Olsen 77
16:51.45 Nancy Durstein 74	4:21.34 Carol Taylor 74	1:40.11 June Krauser 77	• 200 M. BACKSTROKE
17:44.26 Lilly Kron 72	4:41.78 Ruth Aaron 74	1:40.47 Edie Gruender 75	3:38.25 DORIS STEADMAN 99
18:12.15 DJ Murray 73	4:50.28 Georgia Goggin 74	1:42.15 Florence Carr 78	3:40.06 Betty Lorenzi 76
18:31.48 Carolyn Morgan 71	4:50.67 Joan Waldbaum 72	1:54.71 Edna Gordon 77	4:18.25 June Krauser 77
18:42.10 Ann Lambertson 73	4:52.91 Joan Campbell 73	1:55.46 Grace Altus 79	4:31.94 Nan Blackledge 79
21:54.07 Elizabeth Kennedy 73	4:57.27 Nancy Durstein 74	1:56.05 Nan Blackledge 79	4:34.50 Peggy Sanborn 76
• 1500 M. FREESTYLE	5:42.47 Elfriede Lehto 70	1:59.80 Nancy Reed 76	4:37.97 Marianna Hagan 75
24:57.85 JUNE KRAUSER 96	• 50 M. BUTTERFLY	• 200 M. FREESTYLE	4:40.34 Joan McIntyre 75
29:04.55 Joan Campbell 73	40.66 GAIL ROPER 99	3:11.99 JEAN TROY 02	4:42.55 Lois Kivi Nochman 79
31:52.63 Nancy Durstein 74	47.97 Barbara Callison 70	3:20.16 Jean Troy 76	4:48.38 Florence Carr 78
33:23.54 Lilly Kron 72	50.69 Ann Hirsch 72	3:33.08 Betty Russ 76	4:50.53 Edna Gordon 77
39:53.06 Elizabeth Kennedy 73	52.41 Sylvia Eisele 74	3:35.03 Edie Gruender 75	5:14.71 Flora Wong 75
40:05.50 Elfriede Lehto 70	54.46 Nancy Kinney 74	3:42.91 June Krauser 77	• 50 M. BREASTSTROKE
• 50 M. BACKSTROKE	56.19 Joan Alexander 71	3:53.85 Florence Carr 78	53.94 GERTRUD ZINT 93
42.58 DORIS STEADMAN 95	1:01.22 Nancy Durstein 74	4:05.41 Joan McIntyre 75	58.94 Jean Troy 76
50.71 Nancy Kinney 74	1:09.68 Joan Waldbaum 72	4:05.43 Edna Gordon 77	1:03.37 June Krauser 77
51.13 S Robbins-Bonitz 70	1:09.95 Cynthia Rosik 70	4:08.96 Lois Kivi Nochman 79	1:03.48 Phyllis Crockett 77
54.44 Lida A Gaschke 71	1:11.83 Alyce Vogel 71	4:17.86 Nancy Reed 76	1:03.54 Florence Carr 78
55.77 Nan Bohl 74	1:12.51 Angie Sinacore 73	4:23.51 Peggy Sanborn 76	1:03.61 Lois Kivi Nochman 79
56.61 Margaret Homans 71	• 100 M. BUTTERFLY	• 400 M. FREESTYLE	1:03.80 Suzanne Graham 77
58.12 Laurine Schuler 73	1:37.56 GAIL ROPER 99	6:44.09 JEAN TROY 02	1:05.96 Helen Kimizuka 75
58.73 Gay Collins 73	1:54.56 Ann Hirsch 72	6:56.36 Jean D Troy 76	1:07.42 Marianna M Hagan 75
59.40 Georgia Goggin 74	1:59.64 Sylvia Eisele 74	7:20.56 Betty Russ 76	1:07.70 Nan Blackledge 79
1:01.03 Joan Campbell 73	2:25.81 Nancy Durstein 74	7:39.63 Edie Gruender 75	1:08.93 Bunny Dawson 75
1:03.50 Lois Olsen 71	2:38.45 Cynthia Rosik 70	7:51.17 June Krauser 77	• 100 M. BREASTSTROKE
• 100 M. BACKSTROKE	3:12.76 Carol Ganzel 72	8:31.22 Lois Kivi Nochman 79	2:00.51 JUNE KRAUSER 01
1:35.66 DORIS STEADMAN 95	• 200 M. BUTTERFLY	8:32.69 Edna Gordon 77	2:11.08 Jean Troy 76
1:50.95 Nancy Kinney 74	3:38.39 JUNE KRAUSER 96	8:44.69 Florence Carr 78	2:15.80 June Krauser 77
1:53.11 Ann Hirsch 72	4:13.91 Ann Hirsch 72	8:48.28 Nancy Reed 76	2:17.29 Suzanne Graham 77
1:54.84 S Robbins-Bonitz 70	4:29.13 Sylvia Eisele 74	9:09.89 Joan McIntyre 75	2:19.03 Phyllis Crockett 77
1:56.49 Nanette Bohl 74	5:11.61 Joan Campbell 73	9:18.72 Peggy Sanborn 76	2:22.49 Lois Kivi Nochman 79
2:00.91 Lida A Gaschke 71	5:15.07 Nancy Durstein 74	• 800 M. FREESTYLE	2:33.15 Helen Kimizuka 75
2:03.16 Margaret Homans 71	• 100 M. INDIVIDUAL MEDLEY	13:59.01 JEAN TROY 02	2:34.73 Bunny Dawson 75
2:03.74 Joan Campbell 73	1:32.23 GAIL ROPER 00	14:18.97 Jean Troy 76	2:35.27 Norma Harlow 78
2:04.50 Lilly Kron 72	1:46.08 Ann Hirsch 72	15:21.09 Betty Russ 76	2:37.08 Florence Carr 78
2:06.60 Mary Jane Mullins 72	1:49.26 Nancy Kinney 74	15:41.31 Edie Gruender 75	2:41.66 Joan McIntyre 75
2:07.72 Laurine Schuler 73	1:51.88 Barbara Callison 70	16:33.27 June Krauser 77	• 200 M. BREASTSTROKE
• 200 M. BACKSTROKE	1:54.52 Lida A Gaschke 71	17:17.53 Lois Kivi Nochman 79	4:23.44 JUNE KRAUSER 01
3:27.79 DORIS STEADMAN 95	1:55.79 Sylvia Eisele 74	17:30.38 Edna Gordon 77	4:36.81 June Krauser 77
3:50.35 Nancy Kinney 74	1:57.52 Nan Bohl 74	18:09.98 Nancy L Reed 76	4:42.32 Jean D Troy 76
4:07.27 Ann Hirsch 72	2:05.01 Nancy Durstein 74	18:30.90 Peggy Sanborn 76	4:43.71 Suzanne Graham 77
4:09.16 Sylvia Eisele 74	2:13.71 Joan Waldbaum 72	18:42.64 Florence Carr 78	5:06.21 Phyllis Crockett 77

2003 Short-Course Meters - Top-Ten Individuals

5:12.27 Lois K Nochman 79	48.77 Jeanne Merryman 80	4:14.53 Margery Meyer 81	49.92 RITA SIMONTON 03
5:14.87 Marianna M Hagan 75	49.83 Bunny Cederlund 82	4:23.30 Bunny Cederlund 82	49.92 Rita Simonton 85
5:50.70 Joan McIntyre 75	51.15 Billie Burrill 82	4:52.37 Maurine Kornfeld 82	52.89 Marjorie Sharpe 86
5:56.94 Gladys Olsen 77	53.45 Diana M Silva 81	4:53.46 Jeanne Merryman 80	1:06.25 Gertrud Zint 86
6:45.97 Margaret Wells 77	54.90 Maurine Kornfeld 82	4:54.62 Diana M Silva 81	1:10.35 Anne I Walker 87
7:15.33 Marian Wollé 75	55.09 June Reynolds 81	5:19.89 Marjorie R Newman 80	1:13.81 Edith S Glusac 85
• 50 M. BUTTERFLY	57.94 Louise Bowersock 81	5:27.49 Agnes Zydinsky 81	1:16.61 Pat Matthiesen 87
47.88 LOIS KIVI NOCHMAN 99	1:02.51 Dorothy Vencelov 82	6:38.34 Marion Chadwick 82	1:18.50 Mary Lathram 88
52.75 Jean Troy 76	1:03.53 Marjorie R Newman 80	7:38.15 Elfie Stevenin 82	• 100 M. FREESTYLE
53.66 Edie Gruender 75	• 100 M. FREESTYLE	• 50 M. BREASTSTROKE	1:49.64 RITA SIMONTON 03
55.34 June Krauser 77	1:34.45 MARGERY MEYER 02	1:02.54 MURIEL FLYNN 03	1:49.64 Rita Simonton 85
57.60 Lois K Nochman 79	1:43.82 Margery Meyer 81	1:02.54 Muriel Flynn 80	1:57.46 Marjorie Sharpe 86
59.28 Florence Carr 78	1:53.01 Bunny Cederlund 82	1:07.02 Jae Howell 81	2:29.23 Anne I Walker 87
1:02.85 Marianna M Hagan 75	1:58.34 Billie Burrill 82	1:09.24 June Reynolds 81	2:46.61 Beth Hanks 87
1:17.30 Gladys Olsen 77	1:59.07 Maurine Kornfeld 82	1:31.62 Mary Culhane 82	• 200 M. FREESTYLE
1:30.81 Marian Wollé 75	2:01.54 Diana M Silva 81	1:32.86 Mary P Wixted 81	3:57.48 RITA SIMONTON 03
1:36.39 Flora Wong 75	2:01.77 Jeanne Merryman 80	1:47.99 Maurine Kornfeld 82	3:57.48 Rita Simonton 85
• 100 M. BUTTERFLY	2:06.45 Louise Bowersock 81	2:01.91 Ruth Thorsen 83	4:16.84 Marjorie Sharpe 86
1:52.25 JUNE KRAUSER 01	2:11.04 June Reynolds 81	2:04.54 Marion Chadwick 82	6:01.00 Mary Lathram 88
2:02.03 Jean D Troy 76	2:14.45 Agnes Zydinsky 81	• 100 M. BREASTSTROKE	6:19.45 Beth Hanks 87
2:06.59 June Krauser 77	2:23.76 Marjorie Newman 80	2:19.11 RITA SIMONTON 98	• 400 M. FREESTYLE
2:09.61 Betty Russ 76	• 200 M. FREESTYLE	2:19.21 Muriel Flynn 80	8:17.82 RITA SIMONTON 03
2:10.10 Lois K Nochman 79	3:27.57 MARGERY MEYER 02	2:36.01 June Reynolds 81	9:17.82 Rita Simonton 85
2:17.12 Edie Gruender 75	3:45.44 Margery Meyer 81	2:39.07 Jae Howell 81	9:02.41 Marjorie Sharpe 86
2:31.59 Marianna M Hagan 75	4:18.76 Bunny Cederlund 82	3:13.42 Charlotte Sanddal 81	• 800 M. FREESTYLE
2:37.33 Florence Carr 78	4:24.02 Billie Burrill 82	3:20.19 Mary Wixted 81	16:49.43 RITA SIMONTON 03
2:50.45 Gladys Olsen 77	4:30.57 Louise Bowersock 81	• 200 M. BREASTSTROKE	16:49.43 Rita Simonton 85
3:20.59 Marian Wollé 75	5:16.03 Catherine McCall 82	4:49.62 RITA SIMONTON 98	20:28.81 Marjorie Sharpe 86
4:14.72 Gloria Stupfel 77	5:17.83 Maurine Kornfeld 82	5:02.96 Muriel Flynn 80	• 1500 M. FREESTYLE
• 200 M. BUTTERFLY	5:53.80 Marion Chadwick 82	5:22.62 Jae Howell 81	31:44.50 RITA SIMONTON 03
4:08.39 LOIS KIVI NOCHMAN 99	6:22.18 Charlotte Sanddal 81	6:19.53 June Reynolds 81	31:44.50 Rita Simonton 85
4:32.02 Lois K Nochman 79	6:43.41 Ruth Thorsen 83	6:44.40 Charlotte Sanddal 81	• 50 M. BACKSTROKE
4:44.39 Betty Russ 76	• 400 M. FREESTYLE	7:22.31 Mary P Wixted 81	1:00.39 MARJORIE SHARPE 02
4:51.02 June Krauser 77	7:22.84 MARGERY MEYER 02	• 50 M. BUTTERFLY	1:03.77 Marjorie Sharpe 86
5:04.10 Edie Gruender 75	7:49.65 Margery Meyer 81	1:03.26 JEAN DURSTON 94	1:08.52 Edith Glusac 85
5:23.01 Marianna M Hagan 75	8:40.32 Maurine Kornfeld 82	1:11.27 Jae Howell 81	1:10.24 Anne I Walker 87
6:00.61 Gladys Olsen 77	8:56.30 Bunny Cederlund 82	1:17.29 Jeanne Merryman 80	1:16.43 Mary Lathram 88
7:00.96 Marian Wollé 75	9:28.75 Louise Bowersock 81	1:26.59 Maurine Kornfeld 82	1:26.58 Beth Hanks 87
9:15.62 Gloria Stupfel 77	10:43.46 Marjorie R Newman 80	1:32.58 Charlotte Sanddal 81	1:30.29 Pat Matthiesen 87
• 100 M. INDIVIDUAL MEDLEY	12:19.22 Marion Chadwick 82	1:32.64 Marjorie R Newman 80	1:31.00 Anneliese Zoeller 86
1:46.51 JUNE KRAUSER 01	12:32.13 Charlotte Sanddal 81	1:46.45 Dorothy Vencelov 82	• 100 M. BACKSTROKE
1:52.13 Jean Troy 76	13:01.13 Ruth Thorsen 83	2:06.49 Elfie Stevenin 82	2:16.59 MARJORIE SHARPE 02
1:57.03 June Krauser 77	• 800 M. FREESTYLE	• 100 M. BUTTERFLY	2:22.21 Marjorie Sharpe 86
2:01.15 Florence Carr 78	15:49.21 RITA SIMONTON 98	2:28.34 JEAN DURSTON 94	2:31.40 Edith Glusac 85
2:06.97 Lois K Nochman 79	19:57.81 Louise Bowersock 81	2:41.18 Jae Howell 81	2:31.74 Anne I Walker 87
2:12.93 Nan Blackledge 79	22:01.31 Marjorie Newman 80	2:43.63 Diana M Silva 81	2:57.42 Mary Lathram 88
2:24.00 Nancy Reed 76	26:43.91 Marion Chadwick 82	4:52.58 Elfie Stevenin 82	2:57.68 Beth Hanks 87
2:33.74 Gladys Olsen 77	• 1500 M. FREESTYLE	• 200 M. BUTTERFLY	3:17.15 Pat Matthiesen 87
2:42.93 Grace Altus 79	29:39.08 MARGERY MEYER 02	5:22.65 MAXINE MERLINO 92	• 200 M. BACKSTROKE
2:56.74 Marian Wollé 75	36:03.77 Louise Bowersock 81	5:35.17 Jae Howell 81	4:53.35 MARJORIE SHARPE 02
3:01.49 Flora Wong 75	36:58.10 Bunny Cederlund 82	6:04.35 June Reynolds 81	5:03.41 Marjorie Sharpe 86
• 200 M. INDIVIDUAL MEDLEY	42:09.21 Marjorie Newman 80	11:03.48 Elfie Stevenin 82	5:29.40 Anne I Walker 87
3:43.58 JUNE KRAUSER 01	• 50 M. BACKSTROKE	• 100 M. INDIVIDUAL MEDLEY	5:30.19 Edith Glusac 85
4:06.93 Jean Troy 76	50.03 MARGERY MEYER 02	2:02.01 MARGERY MEYER 03	6:09.45 Mary Lathram 88
4:15.49 June Krauser 77	53.97 Bunny Cederlund 82	2:02.01 Margery Meyer 81	• 50 M. BREASTSTROKE
4:17.96 Edie Gruender 75	54.53 Margery Meyer 81	2:23.26 Jae Howell 81	1:09.77 MARTI GOGNIAT 95
4:39.64 Lois Kivi Nochman 79	55.66 Jeanne Merryman 80	2:27.21 Jeanne Merryman 80	1:13.68 Gertrud Zint 86
4:52.32 Florence Carr 78	1:00.78 Diana M Silva 81	2:54.26 Marjorie R Newman 80	1:14.11 Rita Simonton 85
5:28.64 Gladys Olsen 77	1:08.33 June Reynolds 81	3:01.00 Mary P Wixted 81	1:14.85 Edith S Glusac 85
5:42.44 Margaret Wells 77	1:08.46 Mary Culhane 82	3:12.16 Charlotte Sanddal 81	1:32.40 Anneliese Zoeller 86
5:54.97 Marian Wollé 75	1:09.40 Maurine Kornfeld 82	3:56.19 Elfie Stevenin 82	• 100 M. BREASTSTROKE
6:50.32 Gloria Stupfel 77	1:11.93 Catherine McCall 82	• 200 M. INDIVIDUAL MEDLEY	2:38.48 MARTI GOGNIAT 95
• 400 M. INDIVIDUAL MEDLEY	1:12.98 Agnes Zydinsky 81	4:38.24 MARGERY MEYER 02	2:55.42 Gertrud Zint 86
7:52.71 JUNE KRAUSER 01	1:13.14 Marjorie Newman 80	5:08.40 June Reynolds 81	2:55.46 Edith Glusac 85
8:38.92 Jean Troy 76	• 100 M. BACKSTROKE	5:09.15 Jae Howell 81	3:15.62 Anneliese Zoeller 86
8:43.82 June Krauser 77	1:55.79 MARGERY MEYER 02	5:35.06 Diana M Silva 81	• 200 M. BREASTSTROKE
8:48.88 Betty Russ 76	1:59.21 Bunny Cederlund 82	6:23.04 Marjorie R Newman 80	5:59.36 MARTI GOGNIAT 97
9:34.73 Lois K Nochman 79	2:10.45 Jeanne Merryman 80	6:38.54 Mary Wixted 81	6:18.17 Gertrud Zint 86
10:26.76 Margaret Wells 77	2:17.12 Diana M Silva 81	7:23.46 Charlotte Sanddal 81	7:01.22 Edith Glusac 85
11:14.08 Gladys Olsen 77	2:23.20 Maurine Kornfeld 82	• 400 M. INDIVIDUAL MEDLEY	7:04.36 Anneliese Zoeller 86
12:42.04 Marian Wollé 75	2:26.33 Jae Howell 81	9:50.43 MAXINE MERLINO 92	• 50 M. BUTTERFLY
13:57.05 Gloria Stupfel 77	2:34.53 Marjorie R Newman 80	10:56.37 Jae Howell 81	1:07.35 JEAN DURSTON 99
	2:34.63 June Reynolds 81	11:21.09 June Reynolds 81	1:29.04 Edith Glusac 85
	2:36.25 Agnes Zydinsky 81	18:13.06 Elfie Stevenin 82	1:48.54 Gertrud Zint 86
	2:37.69 Catherine McCall 82		1:57.03 Pat Matthiesen 87
	2:59.06 Charlotte Sanddal 81		• 100 M. BUTTERFLY
	• 200 M. BACKSTROKE		2:36.50 JEAN DURSTON 99
	4:14.53 MARGERY MEYER 03		3:22.29 Edith Glusac 85

WOMEN 80-84

• 50 M. FREESTYLE	
41.34 MARGERY MEYER 02	
45.20 Margery Meyer 81	

WOMEN 85-89

• 50 M. FREESTYLE	
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2003 Short-Course Meters - Top-Ten Individuals

<ul style="list-style-type: none"> • 200 M. BUTTERFLY 5:42.80 JEAN DURSTON 99 NO SWIMMERS • 100 M. INDIVIDUAL MEDLEY 2:12.85 JEWEL COOKE 95 2:21.11 Rita Simonton 85 2:51.80 Edith Glusac 85 2:57.18 Gertrud Zint 86 • 200 M. INDIVIDUAL MEDLEY 5:12.01 JEAN DURSTON 99 6:20.34 Gertrud Zint 86 6:25.11 Edith Glusac 85 • 400 M. INDIVIDUAL MEDLEY 10:55.73 JEAN DURSTON 99 13:32.12 Gertrud Zint 86 	<ul style="list-style-type: none"> 23.12 Paul Buren 23 23.93 Michael Jacobsson 24 25.06 Chris McKee 24 25.14 Eric Richmond 23 25.69 Chris Shaw 23 25.78 Evan Maczka 20 25.99 Michael Crosby 24 26.01 Eric Mojock 23 26.03 Eric Pritchett 21 26.29 Jasen Speer 22 • 100 M. FREESTYLE 51.67 BEN CHRISTOFFEL 00 52.03 Paul Buren 23 55.61 Chris McKee 24 55.87 Evan Maczka 20 56.28 Michael Crosby 24 57.61 Glenn Bizewski 23 57.94 Chris Shaw 23 58.61 Eric Pritchett 21 59.16 Ronald J Garcia 23 59.53 Jonathan Meer 23 59.79 Jon S Terwilliger 22 • 200 M. FREESTYLE 1:54.23 BRAD WINSOR 95 1:58.31 Andy Nonaka 24 2:03.02 Keith Ryan 19 2:08.64 Evan Maczka 20 2:09.01 Eric Richmond 23 2:09.97 Glenn Bizewski 23 2:10.12 Harold S Gould 24 2:11.65 Jeffrey Strahota 23 2:14.38 Jasen Speer 22 2:17.72 Garrett Glover 20 2:19.19 Colin Dingler 23 • 400 M. FREESTYLE 4:03.45 BRAD WINSOR 95 4:14.33 Andy Nonaka 24 4:38.11 Eric Black 22 4:39.13 David Denrich 24 4:43.32 Jeffrey Strahota 23 4:53.79 Ronald J Garcia 23 5:18.63 Chris Tingley 21 5:30.61 Patrick Wentworth 23 5:34.05 David Blackwood 24 5:52.06 William C Bower 22 • 800 M. FREESTYLE 8:35.83 BRAD WINSOR 95 8:55.26 Andy Nonaka 24 10:03.53 Jeffrey Kaminski 24 10:14.09 Ronald J Garcia 23 10:24.34 Jasen Speer 22 10:50.26 Chris Tingley 21 • 1500 M. FREESTYLE 16:15.25 JEFF POPPELL 93 16:48.74 Andy Nonaka 24 18:10.43 Jason Cooke 21 19:33.64 Jeffrey Kaminski 24 19:46.95 Ronald J Garcia 23 20:23.15 Branden Rakita 22 20:26.89 Chris Tingley 21 21:02.33 Jasen Speer 22 22:32.77 David Blackwood 24 22:56.73 Jeff Boyd 24 • 50 M. BACKSTROKE 27.39 WILLIAM JEWELL 02 28.20 Eric Mojock 23 29.36 Gregory Bilton 23 30.32 Colin Chih 21 30.66 Andrew W Bellows 23 30.80 Evan Maczka 20 30.80 Nick Rice 20 30.83 Daniel Drury 23 31.85 Eric Pritchett 21 31.93 Tommy Bishop 21 32.56 Jon S Terwilliger 22 • 100 M. BACKSTROKE 58.98 OSIRIS BRISENO 98 1:01.56 Eric Mojock 23 	<ul style="list-style-type: none"> 1:02.55 Chris Tingley 21 1:03.49 Keith Ryan 19 1:04.33 Nick Rice 20 1:04.50 Colin Chih 21 1:04.57 Andrew W Bellows 23 1:09.49 Jon S Terwilliger 22 1:10.44 Jeffrey Strahota 23 1:11.48 Jeffrey Kaminski 24 1:13.43 Pat Jones 22 • 200 M. BACKSTROKE 2:08.81 SERGEY MARINIUK 93 2:17.45 Colin Chih 21 2:20.81 Andrew W Bellows 23 2:21.05 Daniel Drury 23 2:32.43 Jeffrey Kaminski 24 2:43.26 Jasen Speer 22 • 50 M. BREASTSTROKE 29.76 AARON BARTLESON 95 30.86 Andy Nonaka 24 31.95 Luke Mc Clure 24 32.02 Gregory Bilton 23 34.74 William C Bower 22 35.11 Eric Chang 22 35.70 Tommy Bishop 21 35.75 Jonathan Meer 23 35.78 Clayton D Joyner 19 35.83 Steve Rowe 22 36.29 Curtis Lee 20 • 100 M. BREASTSTROKE 1:05.45 LUCIANO GALINDO 02 1:08.50 Andy Nonaka 24 1:10.52 Gregory Bilton 23 1:10.70 Luke Mc Clure 24 1:12.70 Eric Richmond 23 1:16.63 Eric Chang 22 1:16.70 David Rigual 23 1:21.23 P Falcone-Cardena 20 1:23.57 Waifa Chau 23 1:26.48 Phillip Ingram 24 1:31.45 Alvin Ma 24 • 200 M. BREASTSTROKE 2:22.78 TODD RADEL 96 2:34.40 Andy Nonaka 24 2:35.63 Luke Mc Clure 24 3:06.38 William C Bower 22 3:17.35 Jasen Speer 22 • 50 M. BUTTERFLY 25.16 PAUL BUREN 03 25.16 Paul Buren 23 28.13 Gregory Bilton 23 28.31 Jonathan Meer 23 28.38 Eric Richmond 23 29.32 Sin Siong Teo 23 29.37 Colin Dingler 23 29.60 Glenn Bizewski 23 29.75 Josh D Fate 21 29.75 Clayton D Joyner 19 29.81 Jeffrey Strahota 23 • 100 M. BUTTERFLY 57.31 PAUL BUREN 03 57.31 Paul Buren 23 59.54 Chris McKee 24 1:00.25 Keith Ryan 19 1:02.66 Benjamin Wong 24 1:03.62 Harold S Gould 24 1:03.89 Glenn Bizewski 23 1:04.00 Michael Crosby 24 1:04.30 Daniel Drury 23 1:04.33 David Denrich 24 1:05.22 Jason Cooke 21 • 200 M. BUTTERFLY 2:07.64 JEFF POPPELL 93 2:54.21 Jasen Speer 22 2:54.33 Jeffrey Kaminski 24 3:48.99 Brian Nelson 24 • 100 M. INDIVIDUAL MEDLEY 59.18 AARON BARTLESON 95 58.37 Michael Jacobsson 24NV 	<ul style="list-style-type: none"> 1:01.77 Andy Nonaka 24 1:02.61 Keith Ryan 19 1:02.77 Chris McKee 24 1:03.21 Gregory Bilton 23 1:03.72 Grayson Stuntz 23 1:03.74 Luke Mc Clure 24 1:06.67 Glenn Bizewski 23 1:06.75 Flavio Amaya 24 1:07.99 Eric Mojock 23 • 200 M. INDIVIDUAL MEDLEY 2:08.88 SERGEY MARINIUK 93 2:08.05 Michael Jacobsson 24NV 2:13.87 Andy Nonaka 24 2:20.30 Colin Chih 21 2:22.72 Andrew W Bellows 23 2:22.89 Michael Crosby 24 2:23.51 Luke Mc Clure 24 2:26.51 Daniel Drury 23 2:28.44 David Denrich 24 2:32.69 Josh D Fate 21 2:34.71 Jeffrey Kaminski 24 • 400 M. INDIVIDUAL MEDLEY 4:28.54 SERGEY MARINIUK 93 4:33.95 Michael Jacobsson 24 4:42.97 Keith Ryan 19 4:55.09 Andy Nonaka 24 4:59.02 Colin Chih 21 5:05.98 Chris McKee 24 5:07.48 Andrew W Bellows 23 5:13.29 Michael Crosby 24 5:33.48 Ronald J Garcia 23 5:38.10 Jasen Speer 22 5:41.52 Phil Wickizer 24
WOMEN 90-94			
<ul style="list-style-type: none"> • 50 M. FREESTYLE 1:09.85 JEWEL COOKE 00 1:32.12 F Dorothy Riordan 91 3:02.36 Elizabeth Dziadus 93 • 100 M. FREESTYLE 2:35.08 JEWEL COOKE 00 3:28.20 F Dorothy Riordan 91 • 200 M. FREESTYLE 5:34.59 MAXINE MERLINO 02 9:07.51 Madeleine Miller 93 • 400 M. FREESTYLE 10:45.34 MAXINE MERLINO 02 NO SWIMMERS • 800 M. FREESTYLE 22:18.84 MAXINE MERLINO 02 NO SWIMMERS • 1500 M. FREESTYLE 44:27.18 MAXINE MERLINO 02 NO SWIMMERS • 50 M. BACKSTROKE 1:22.64 JEWEL COOKE 00 1:25.62 Edith Hendry 92 1:46.18 Madeleine Miller 93 2:02.63 F Dorothy Riordan 91 • 100 M. BACKSTROKE 3:05.96 JEWEL COOKE 99 3:23.84 Edith Hendry 92 4:35.02 Madeleine Miller 93 • 200 M. BACKSTROKE 6:32.92 JEWEL COOKE 99 7:43.30 Edith Hendry 92 • 50 M. BREASTSTROKE 1:38.63 MADELEINE MILLER 00 2:24.27 F Dorothy Riordan 91 • 100 M. BREASTSTROKE 4:06.89 JEWEL COOKE 99 NO SWIMMERS • 200 M. BREASTSTROKE 9:03.85 JEWEL COOKE 99 NO SWIMMERS • 50 M. BUTTERFLY 1:35.56 MAXINE MERLINO 02 1:36.25 Maxine Merlino 91 • 100 M. BUTTERFLY 4:06.32 JEWEL COOKE 99 NO SWIMMERS • 100 M. INDIVIDUAL MEDLEY 3:13.87 JEWEL COOKE 99 NO SWIMMERS • 200 M. INDIVIDUAL MEDLEY 6:25.12 MAXINE MERLINO 03 6:25.12 Maxine Merlino 91 • 400 M. INDIVIDUAL MEDLEY 14:55.37 JEWEL COOKE 99 NO SWIMMERS 	<ul style="list-style-type: none"> • 50 M. FREESTYLE 22.84 JERROD KAPPLER 00 	<ul style="list-style-type: none"> • 200 M. BACKSTROKE 2:08.88 SERGEY MARINIUK 93 2:08.05 Michael Jacobsson 24NV 2:13.87 Andy Nonaka 24 2:20.30 Colin Chih 21 2:22.72 Andrew W Bellows 23 2:22.89 Michael Crosby 24 2:23.51 Luke Mc Clure 24 2:26.51 Daniel Drury 23 2:28.44 David Denrich 24 2:32.69 Josh D Fate 21 2:34.71 Jeffrey Kaminski 24 • 400 M. INDIVIDUAL MEDLEY 4:28.54 SERGEY MARINIUK 93 4:33.95 Michael Jacobsson 24 4:42.97 Keith Ryan 19 4:55.09 Andy Nonaka 24 4:59.02 Colin Chih 21 5:05.98 Chris McKee 24 5:07.48 Andrew W Bellows 23 5:13.29 Michael Crosby 24 5:33.48 Ronald J Garcia 23 5:38.10 Jasen Speer 22 5:41.52 Phil Wickizer 24 	<ul style="list-style-type: none"> • 50 M. FREESTYLE 22.48 PEEL/WAGNER 96 23.87 Brian Fehlau 29 23.91 Greg Plank 25 24.08 JP Goudy 26 24.21 Nei-Kuan Chia 26 24.40 Robert Mackenzie 29 24.71 John Stratman 27 24.90 Daichi Kato 25 25.08 Kory Nichols 27 25.12 Andy Brown 25 25.25 Richard Munson 28 • 100 M. FREESTYLE 49.91 BJORN ZIKARSKY 95 52.74 Greg Plank 25 53.06 Brian Fehlau 29 54.21 Robert Mackenzie 29 55.21 Andy Brown 25 55.60 Marcus Chung 27 56.11 Rick Osterberg 29 56.46 Brian Fulling 27 56.77 Kory Nichols 27 56.81 Brendan Doolan 29 56.89 Joseph H Byrne 27 • 200 M. FREESTYLE 1:48.81 JOHN KEPPELER 95 1:59.47 Richard Munson 28 2:01.31 Jason Eaddy 27 2:01.57 Brian M Furlong 26 2:03.75 Kory Nichols 27 2:04.04 Brendan Doolan 29 2:05.27 Marcus Chung 27 2:05.56 Craig Pickering 25 2:05.91 Stephan Joe 28 2:06.11 Robert Mackenzie 29 2:06.93 Rick Osterberg 29 • 400 M. FREESTYLE 3:58.23 ALEX KOSTICH 97 4:18.55 Jason Eaddy 27 4:22.26 Craig Pickering 25 4:26.52 Brendan Doolan 29 4:27.43 Brian Furlong 26
MEN 19-24			

2003 Short-Course Meters - Top-Ten Individuals

4:34.25 Robert Mackenzie 29	▪ 100 M. BREASTSTROKE	2:17.34 Brian M Furlong 26	9:44.13 Dean Atchison 32
4:38.65 Austin Walker 28	1:02.83 JEFF COMMINGS 03	2:18.11 Trevor Gillis 28	9:44.79 Doug Fadel 34
4:39.79 Eric Shangle 28	1:02.83 Jeff Commings 29	2:18.50 Stephan Joe 28	9:44.88 Carl Saxton 34
4:40.58 Jason Lovell 26	1:04.09 Audy Oktavian 26	2:19.04 Craig Pickering 25	▪ 1500 M. FREESTYLE
4:45.43 Mike Houlihan 27	1:06.74 Jared Walkenhorst 29	2:20.06 Juan Beltran 29	15:51.07 ALEX KOSTICH 00
4:48.52 Louis DeLeon 27	1:08.90 Stephan Joe 28	2:20.49 James Crowder 27	17:38.76 Eric Mix 32
▪ 800 M. FREESTYLE	1:09.28 Juan Beltran 29	▪ 400 M. INDIVIDUAL MEDLEY	17:47.82 Brian Kohlmeier 34
8:14.75 ALEX KOSTICH 97	1:11.29 Hugo Caldas 26	4:26.79 JOHN KEPPELER 95	18:04.19 Andrew M Cook 32
9:14.58 Brian M Furlong 26	1:13.03 Austin Walker 28	4:51.62 Brian M Furlong 26	18:20.45 Nico Ghilardi 33
9:44.02 Jeff Halbert 29	1:13.23 Andrew J Weber 25	4:56.30 Craig Pickering 25	18:29.82 Brad Hise 32
9:58.48 John Zayac 29	1:13.78 Brian Fulling 27	5:00.14 Stephan Joe 28	18:37.92 Jason Klugman 32
10:47.00 Matt Lusk 29	1:13.78 Stephen So 29	5:06.86 Ethan Yotter 26	18:40.63 Carl Saxton 34
11:08.18 Peter Mc Grane 29	▪ 200 M. BREASTSTROKE	5:07.84 Hugo Caldas 26	18:42.08 Doug Fadel 34
11:56.76 Trey Stolz 29	2:20.30 AUDY OKTAVIAN 03	5:18.74 Jeff Halbert 29	19:52.23 Liam Murphy 31
12:03.53 Andrew Sorensen 28	2:20.30 Audy Oktavian 26	5:20.75 Louis DeLeon 27	20:17.86 C J Rushman 32
12:15.22 John Semanick 29	2:28.24 Jared Walkenhorst 29	5:21.65 James Crowder 27	▪ 50 M. BACKSTROKE
12:25.78 Matthew Holder 26	2:30.91 Stephan Joe 28	5:25.01 Alberto Sun 25	25.54 MARTIN ZUBERO 01
12:30.21 Joshua Ritchie 29	2:34.50 Hugo Caldas 26	5:55.03 George Deines 26	27.01 Martin Zubero 34
▪ 1500 M. FREESTYLE	2:38.86 Juan Beltran 29		27.03 Curtis Sawin 32
15:41.81 ALEX KOSTICH 97	2:39.77 Austin Walker 28	MEN 30-34	28.40 Scott Reed 33
17:54.92 Jason Lovell 26	2:42.59 David P Penland 25	▪ 50 M. FREESTYLE	29.15 Kevin Bates 31
17:56.50 Darcy Paul 27	2:44.01 Jason Bricker 25	22.76 ED WAGNER 02	29.29 Tim M Dougher 31
18:04.87 Brian Furlong 26	2:45.11 Alexei Vajenine 28	22.99 Michael Picotte 31	29.55 Patrick M Krueger 33
20:52.51 Drew Giacobe 29	2:48.30 Joseph Cordaro 26	23.93 Brian Jacobson 30	29.70 Brian Jacobson 30
21:30.19 Filippo Porco 26	▪ 50 M. BUTTERFLY	24.29 Timothy L Boyd 33	30.04 Erik Scollon 32
21:37.49 John Olgin 29	25.01 JASON EADDY 02	24.43 Jeff Mitchell 34	30.50 Scott Bloemen 30
21:43.94 Peter Mc Grane 29	25.05 G Diaz De Leon 27	24.55 Jeremy Gross 32	30.59 Jeffrey C Sekido 33
22:28.69 Hashim AlMashat 28	25.58 Nei-Kuan Chia 26	24.66 Jason Petty 32	▪ 100 M. BACKSTROKE
22:51.61 Paul Curran 28	25.78 Audy Oktavian 26	24.99 Dan Wegner 32	55.19 MARTIN ZUBERO 03
22:57.42 Trey Stolz 29	25.86 Jason Eaddy 27	25.02 Jeffrey H Roddin 34	55.19 Martin Zubero 34
▪ 50 M. BACKSTROKE	26.16 P Jason Goltz 25	25.12 Viktor L Frengut 34	59.68 Derek Robinson 34
26.00 MICHAEL KANNER 95	27.50 Andres Mediavilla 28	25.14 Scott Bloemen 30	59.71 Curtis Sawin 32
27.99 Richard Munson 28	27.97 John Stratman 27	▪ 100 M. FREESTYLE	1:00.50 Scott Reed 33
28.47 Audy Oktavian 26	28.16 Kris Grabarek 29	50.97 JOHN KEPPELER 99	1:04.31 Sean Parker 33
28.73 P Jason Goltz 25	28.23 Marc Gomburg 29	50.71 Michael Picotte 31NV	1:04.98 Corey Carlisle 32
28.90 Jason Eaddy 27	28.27 Adam Craun 29	53.18 Timothy L Boyd 33	1:05.42 Steve Martel 33
29.48 Jeff Brooker 25	▪ 100 M. BUTTERFLY	54.62 Erik Scollon 32	1:05.63 Barry Flightner 30
29.78 Chris F Shuster 28	54.83 JASON EADDY 02	54.94 Jason Petty 32	1:06.82 Rab McClure 34
29.86 Trevor Gillis 28	56.54 Jason Eaddy 27	55.05 Brian Jacobson 30	1:07.26 Todd Chappell 30
30.23 Rick Osterberg 29	56.91 Nei-Kuan Chia 26	55.39 Dan Wegner 32	▪ 200 M. BACKSTROKE
30.36 Luis Gayoso 26	57.37 Audy Oktavian 26	55.43 Jeff Mitchell 34	2:00.43 MARTIN ZUBERO 01
30.49 John Marinovich 28	58.15 P Jason Goltz 25	55.52 Victor W Egg 33	2:09.49 Scott Reed 33
▪ 100 M. BACKSTROKE	58.82 Brian Fulling 27	55.68 Patrick M Krueger 33	2:20.88 Steve Martel 33
55.76 JOHN KEPPELER 95	59.53 Cody Rasmussen 26	55.94 Brian August 33	2:25.97 Patrick M Krueger 33
56.85 Jeff Commings 29	1:02.09 Andy Brown 25	▪ 200 M. FREESTYLE	2:26.22 Justin Switzer 32
56.93 Greg Plank 25	1:02.36 Dave Searles 26	1:52.04 JOHN KEPPELER 99	2:26.24 Todd Chappell 31
59.36 Nei-Kuan Chia 26	1:03.08 Louis DeLeon 27	2:02.42 Steve Martel 33	2:27.71 Scott Thomas 33
1:00.66 Audy Oktavian 26	1:03.51 Andres Mediavilla 28	2:02.64 Rick Cosgrove 34	2:33.98 David Brand 30
1:02.80 Jason Eaddy 27	▪ 200 M. BUTTERFLY	2:02.64 Rick Cosgrove 34	2:34.79 Jeffrey M Maydak 30
1:04.33 Keith Fuhrhop 26	2:03.59 JASON EADDY 02	2:03.83 Sean Swain 32	2:37.42 Geoffrey Schaefer 30
1:05.19 Brian Fulling 27	2:07.61 Jason Eaddy 27	2:05.74 Erik Scollon 32	2:38.06 Sean Hilbert 34
1:05.61 Kory Nichols 27	2:13.62 P Jason Goltz 25	2:06.00 Nico Ghilardi 33	▪ 50 M. BREASTSTROKE
1:05.62 Brendan Doolan 29	2:22.32 Cody Rasmussen 26	2:06.16 Carlos I Ochoa 32	29.21 DEAN PUTTERMAN 96
1:05.65 John Marinovich 28	2:23.41 Ethan Yotter 26	2:06.35 Ed Owen 32	30.69 Brian Jacobson 30
▪ 200 M. BACKSTROKE	2:25.03 Eric Shangle 28	2:07.38 Brad Hise 32	31.79 Tim M Dougher 31
2:02.63 JOHN KEPPELER 95	2:26.91 Louis DeLeon 27	2:07.78 Dickie Fernandez 32	32.08 Mark Harlow 32
2:06.44 Greg Plank 25	2:29.04 Matthew Soellner 26	2:08.69 Todd Radel 31	32.27 Victor W Egg 33
2:11.06 Richard Munson 28	2:30.13 Antonio Sandoval 27	▪ 400 M. FREESTYLE	32.37 Jonathan Banville 33
2:13.20 Brian Fehlau 29	2:30.48 Paul Lovejoy 27	3:58.40 ALEX KOSTICH 00	32.48 Scott Bloemen 30
2:16.48 Keith Fuhrhop 26	2:31.68 Thayer H Thompson 29	4:13.97 Scott Reed 33	32.55 Chad Steed 32
2:20.27 Jeff Brooker 25	▪ 100 M. INDIVIDUAL MEDLEY	4:33.91 Andrew M Cook 32	32.61 Michael Goodison 31
2:21.43 James Crowder 27	56.65 JEFF COMMINGS 03	4:34.40 Brad Hise 32	32.68 Todd Doherty 32
2:23.56 Ethan Yotter 26	56.65 Jeff Commings 29	4:34.67 Jason Klugman 32	32.69 Kevin Bates 31
2:23.80 John Marinovich 28	58.24 G Diaz De Leon 27	4:35.53 Eric Mix 32	▪ 100 M. BREASTSTROKE
2:25.37 Alberto Sun 25	59.23 Audy Oktavian 26	4:35.98 Todd Chappell 31	1:03.64 ROQUE SANTOS 99
2:34.51 Antonio Sandoval 27	59.70 Brian Fehlau 29	4:37.26 Dean Atchison 32	1:08.34 Jonathan Banville 33
▪ 50 M. BREASTSTROKE	1:00.55 P Jason Goltz 25	4:38.52 Kiet Tran 32	1:09.02 Todd Radel 31
28.60 JEFF COMMINGS 03	1:00.96 JP Goudy 26	4:38.57 Carl Saxton 34	1:10.35 Matthew Kinney 33
28.60 Jeff Commings 29	1:03.67 Jared Walkenhorst 29	4:38.90 Norbert Hoehne 34	1:10.51 Mark Harlow 32
29.81 Audy Oktavian 26	1:03.73 Trevor Gillis 28	▪ 800 M. FREESTYLE	1:11.01 Andreas Drew 31
30.91 Jared Walkenhorst 29	1:04.19 Stephan Joe 28	8:17.06 ALEX KOSTICH 00	1:11.55 Nico Ghilardi 33
31.68 Juan Beltran 29	1:05.38 Rick Osterberg 29	9:10.71 Matthew Kinney 33	1:12.08 Scott Bloemen 30
32.52 Stephan Joe 28	▪ 200 M. INDIVIDUAL MEDLEY	9:15.70 Eric Mix 32	1:12.66 Michael Goodison 31
32.78 Austin Walker 28	2:05.93 JOHN KEPPELER 95	9:32.20 Andrew M Cook 32	1:12.74 Jun Maruta 33
33.38 Stephen So 29	2:07.07 Jeff Commings 29	9:34.96 Brad Hise 32	1:12.97 Kevin Hopkins 34
33.68 Leo Tanaka 25	2:08.16 Audy Oktavian 26	9:35.22 Jason Klugman 32	▪ 200 M. BREASTSTROKE
33.68 Robert Mackenzie 29	2:13.87 Brian Fehlau 29	9:42.07 Dickie Fernandez 32	2:17.56 ROQUE SANTOS 99
34.30 Joseph Cordaro 26	2:15.96 Jason Eaddy 27	9:44.09 Kiet Tran 32	2:21.42 Jonathan Banville 33

2003 Short-Course Meters - Top-Ten Individuals

<p>2:26.58 Todd Radel 31 2:27.37 Matthew Kinney 33 2:33.82 Mark Harlow 32 2:37.57 Nico Ghilardi 33 2:37.93 Victor W Egg 33 2:40.43 David Lewis 32 2:40.75 Eric Mix 32 2:41.87 Jeffrey Jotz 33 2:41.90 Jun Maruta 33</p> <p>• 50 M. BUTTERFLY</p> <p>24.64 BRIAN ALDERMAN 99 24.86 Michael Picotte 31 25.59 Curtis Sawin 32 26.57 Dikan Rendic 32 26.68 Derek Robinson 34 26.74 Michael P Doane 33 26.80 Jeffrey H Roddin 34 26.80 Erik Scollon 32 27.14 Guy Genin 34 27.21 Scott Spees 34 27.40 Chad Steed 32</p> <p>• 100 M. BUTTERFLY</p> <p>54.85 BRIAN ALDERMAN 99 59.16 Jeffrey H Roddin 34 59.43 Erik Scollon 32 1:00.96 Scott Spees 34 1:00.97 Derek Robinson 34 1:01.63 Jon Bishop 32 1:02.19 Guy Genin 34 1:02.28 Chad Steed 32 1:02.29 Barry Flightner 30 1:02.70 Jim Robertson 34 1:02.73 Mark Goldman 32</p> <p>• 200 M. BUTTERFLY</p> <p>2:04.59 MIKE SHAFFER 95 2:17.95 Eric Mix 32 2:22.34 Doug Fadel 34 2:28.18 Justin Switzer 32 2:28.71 Sean Swain 32 2:30.32 Brendon Wen 34 2:30.83 Jim Robertson 34 2:31.68 Scott Spees 34 2:32.98 Mark Goldman 32 2:37.76 Onesimo De Mira 30 2:42.49 Jeff D Rieck 34</p> <p>• 100 M. INDIVIDUAL MEDLEY</p> <p>56.66 MARTIN ZUBERO 03 56.66 Martin Zubero 34 1:00.89 Brian Jacobson 30 1:00.90 Erik Scollon 32 1:02.45 Timothy L Boyd 33 1:02.93 Scott Bloemen 30 1:03.01 Scott Reed 33 1:04.48 Jim Robertson 34 1:04.83 Eric Yen 30 1:04.84 Steve Martel 33 1:05.39 Jeremy Gross 32</p> <p>• 200 M. INDIVIDUAL MEDLEY</p> <p>2:06.32 ROQUE SANTOS 99 2:12.98 Scott Reed 33 2:14.17 Erik Scollon 32 2:17.73 Todd Radel 31 2:18.44 Matthew Kinney 33 2:19.26 Tim M Dougher 31 2:21.08 Eric Mix 32 2:22.84 Nico Ghilardi 33 2:22.91 Mark Haynes 33 2:23.31 Sean Swain 32 2:23.53 Andreas Dreuw 31</p> <p>• 400 M. INDIVIDUAL MEDLEY</p> <p>4:26.74 ROQUE SANTOS 99 4:51.18 Matthew Kinney 33 4:53.48 Todd Radel 31 4:57.66 Eric Mix 32 5:05.19 Andreas Dreuw 31 5:06.77 Nico Ghilardi 33 5:09.71 Justin Switzer 32 5:10.80 Erik Scollon 32</p>	<p>5:12.31 Alan O'Connor 30 5:14.67 Kiet Tran 32 5:14.81 Kevin Hopkins 34</p> <p style="text-align: center;">MEN 35-39</p> <p>• 50 M. FREESTYLE</p> <p>23.80 BRUCE STAHL 94 24.17 Erik Hochstein 35 24.65 Neill Williams 35 24.81 Scot H Weiss 38 24.81 Todd Oakes 35 24.91 Ross Davis 37 25.10 Richard Landry 39 25.17 Matthew Gilson 36 25.38 Michael Boosin 37 25.55 Stephan Oliva 37 25.57 Chris Chalmers 36</p> <p>• 100 M. FREESTYLE</p> <p>51.01 RON KARNAUGH 03 51.01 Ron Karnaugh 37 51.98 Erik Hochstein 35 53.16 Andy Edmondson 36 53.26 Ross C Davis 37 53.62 John Keppeler 36 53.74 Geoffrey Glaser 39 53.84 Lorenzo Benucci 36 54.33 Matthew Gilson 36 54.38 Todd Oakes 35 55.30 Thomas Senn 36</p> <p>• 200 M. FREESTYLE</p> <p>1:51.31 ERIC HOCHSTEIN 03 1:51.31 Erik Hochstein 35 1:56.74 Terry Debiase 38 1:56.77 Mike Shaffer 38 1:57.55 Andy Edmondson 36 1:58.57 Stuart Cromarty 39 1:58.93 Ross C Davis 37 1:58.99 John Keppeler 36 1:59.59 Mark Magee 35 2:02.60 Matthew Gilson 36 2:03.13 Kurt Dickson 36</p> <p>• 400 M. FREESTYLE</p> <p>3:57.77 ERIK HOCHSTEIN 04 3:57.77 Erik Hochstein 35 4:01.78 Ron Karnaugh 37 4:08.90 Mike Shaffer 38 4:10.66 Geoffrey Glaser 39 4:14.68 Mark Magee 35 4:14.98 Stuart Cromarty 39 4:15.35 Terry Debiase 38 4:17.87 Ross C Davis 37 4:21.33 John O'Keefe 36 4:24.79 Kurt Dickson 36</p> <p>• 800 M. FREESTYLE</p> <p>8:23.06 ERIK HOCHSTEIN 03 8:23.06 Erik Hochstein 35 8:36.16 Mike Shaffer 38 8:43.07 Geoffrey Glaser 39 9:17.37 Randy M Eickhoff 38 9:33.16 Dale Mercker 36 9:34.66 Bruce Hopson 37 9:39.71 Kurt Baron 39 9:42.00 Morgan Bunker 35 9:45.21 Bill Volckening 37 9:47.59 Chris D McGriffin 37</p> <p>• 1500 M. FREESTYLE</p> <p>15:58.20 BOBBY PATTEN 99 16:12.88 Erik Hochstein 35 16:16.20 Mike Shaffer 38 17:37.90 Kurt Dickson 36 17:39.38 Scott Tobin 37 17:53.28 Dale Mercker 36 18:32.61 Forrest Nelson 38 18:33.54 Bill Volckening 37 18:48.17 Bruce E Hopson 37 18:51.28 Barry Schab 36 19:19.42 Chad Young 39</p>	<p>• 50 M. BACKSTROKE</p> <p>26.84 CLAY BRITT 96 27.54 Ron Karnaugh 37 27.92 John Keppeler 36 28.03 Thomas Senn 36 28.35 Mike Shaffer 38 29.37 Neill Williams 35 29.50 Lars Reiersen 38 29.65 Kurt Murdoch 37 29.76 Emad H Elshafei 37 30.05 Sean Parker 36 30.08 Jim Jordan 38</p> <p>• 100 M. BACKSTROKE</p> <p>56.93 RON KARNAUGH 02 57.85 Ron Karnaugh 37 59.56 John Keppeler 36 1:00.13 Thomas Senn 36 1:01.22 Mike Shaffer 38 1:01.63 Stephen Smith 37 1:03.24 Mark Magee 35 1:03.72 Bill Winters 36 1:04.03 Kurt Dickson 36 1:04.08 Richard Pease 38 1:04.45 Kurt Murdoch 37</p> <p>• 200 M. BACKSTROKE</p> <p>2:00.34 RON KARNAUGH 02 2:03.44 Ron Karnaugh 37 2:08.57 John Keppeler 36 2:13.89 Thomas Senn 36 2:14.10 Kurt Dickson 36 2:14.92 Mike Shaffer 38 2:15.74 Stephen Smith 37 2:16.45 Doug E Chestnut 39 2:19.74 Emad H Elshafei 37 2:20.55 Terry Debiase 38 2:21.62 Kurt Murdoch 37</p> <p>• 50 M. BREASTSTROKE</p> <p>28.75 RON KARNAUGH 02 30.78 Sean Frampton 37 31.03 Neill Williams 35 31.07 Mark Stori 38 31.85 Craig Paller 37 31.94 Rich Landry 39 32.18 John Hudson 37 32.27 Rick Dunwiddie 39 32.96 Mike Siragusa 39 32.98 Peter Hastings 36 33.25 John Schwenger 38</p> <p>• 100 M. BREASTSTROKE</p> <p>1:02.57 RON KARNAUGH 02 1:07.22 Lorenzo Benucci 36 1:07.23 Neill Williams 35 1:07.24 Sean Frampton 37 1:09.38 Mark Stori 38 1:10.05 Craig Paller 37 1:10.05 Richard Landry 39 1:10.55 Rick Dunwiddie 39 1:11.24 John Hudson 37 1:12.57 Peter Hastings 36 1:13.47 John Schwenger 38</p> <p>• 200 M. BREASTSTROKE</p> <p>2:17.96 RON KARNAUGH 02 2:20.85 Ron Karnaugh 37 2:28.06 Neill Williams 35 2:30.70 Sean Frampton 37 2:37.25 Craig Paller 37 2:40.56 Rich Landry 39 2:40.56 Peter Hastings 36 2:42.60 Anthony Thompson 39 2:43.34 Peter G Koback 35 2:43.43 Peter Finney 36 2:45.42 Michael Lee 36</p> <p>• 50 M. BUTTERFLY</p> <p>25.32 WADE KING 02 25.68 Neill Williams 35 26.51 Terry Debiase 38 26.55 Lorenzo Benucci 36 26.87 Erik Hochstein 35</p>	<p>27.25 Ross Davis 37 27.49 Todd Oakes 35 27.60 Jim Jordan 38 27.68 Sean Frampton 37 27.96 Stuart Cromarty 39 28.08 Dave Holmes 39</p> <p>• 100 M. BUTTERFLY</p> <p>55.85 JIM HARVEY 01 57.15 Ron Karnaugh 37 57.75 Mike Shaffer 38 58.50 Ross C Davis 37 58.93 Richard Pease 38 59.34 John O'Keefe 36 59.48 Neill Williams 35 59.48 Mark Magee 35 59.81 Erik Hochstein 35 1:01.09 Stuart Cromarty 39 1:02.50 Jim Jordan 38</p> <p>• 200 M. BUTTERFLY</p> <p>2:04.50 BOBBY PATTEN 99 2:06.07 Mike Shaffer 38 2:06.23 Erik Hochstein 35 2:10.97 Mark Magee 35 2:12.04 John O'Keefe 36 2:12.22 Ross C Davis 37 2:20.32 John Steiner 38 2:20.64 Bruce Hopson 37 2:22.45 Steve Ruitter 38 2:25.29 David Balis 37 2:26.60 Morgan Bunker 35</p> <p>• 100 M. INDIVIDUAL MEDLEY</p> <p>56.94 RON KARNAUGH 03 56.94 Ron Karnaugh 37 59.78 Lorenzo Benucci 36 1:00.39 Neill Williams 35 1:01.22 Mark Stori 38 1:02.37 Mark Magee 35 1:02.65 Todd Oakes 35 1:03.23 Bill Winters 36 1:04.82 John Hudson 37 1:04.82 Stuart Cromarty 39 1:05.30 John Schwenger 38</p> <p>• 200 M. INDIVIDUAL MEDLEY</p> <p>2:03.29 RON KARNAUGH 02 2:04.18 Ron Karnaugh 37 2:10.67 Lorenzo Benucci 36 2:13.46 Mark Magee 35 2:13.65 Stephen Smith 37 2:14.09 Mark Stori 38 2:15.62 Daniel Veatch 38 2:15.98 John O'Keefe 36 2:18.43 Bill Winters 36 2:21.00 Ross C Davis 37 2:21.11 Scott Tobin 37</p> <p>• 400 M. INDIVIDUAL MEDLEY</p> <p>4:24.36 RON KARNAUGH 03 4:24.36 Ron Karnaugh 37 4:43.75 Mark Magee 35 4:47.04 Mark Stori 38 4:52.40 Richard Pease 38 4:53.19 Stephen Smith 37 4:55.11 Bill Winters 36 4:56.08 Ross Davis 37 4:58.30 Scott Tobin 37 4:59.54 Johan Steiner 38 5:08.67 Steve Ruitter 38</p> <p style="text-align: center;">MEN 40-44</p> <p>• 50 M. FREESTYLE</p> <p>24.00 PAUL SMITH 01 24.58 David Boatwright 42 24.88 Craig Mallery 41 24.91 Emeric McDonald 41 24.93 Ken Ericsson 43 25.09 Bradley Howe 41 25.12 Mike Mc Aweeney 40 25.19 Vernon S Rogers 42</p>
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25.20 Jerry Dawson	43	1:02.83 Peter Berndt	40	1:02.22 Jonathan Olsen	40	• 200 M. FREESTYLE	
25.44 Henry Stewart	40	1:03.90 Steve Wood	43	1:02.72 Paul Stricker	43	2:00.13 TIM BRODERICK	96
25.69 Patt Chaiyaraj	40	1:04.04 Bobby Patten	41	1:02.77 Henry Stewart	40	2:04.10 Peter Worland	45
• 100 M. FREESTYLE		1:04.26 Glenn Battle	42	• 200 M. BUTTERFLY		2:04.39 Spencer Eldred	47
52.44 PAUL SMITH	01	1:04.74 Brad R Wells	42	2:02.97 WILLIAM SPECHT	98	2:05.53 L Meisenheimer	46
53.46 David Boatwright	42	1:05.73 Matthew Dixon	41	2:13.43 Bobby Patten	41	2:07.14 Alan Godfrey	46
54.60 Craig Mallery	41	1:06.29 Patt Chaiyaraj	40	2:15.99 Bill O'Brien	43	2:07.28 Bob Bugg	46
54.77 Bradley Howe	41	1:06.42 Jim Ebert	40	2:19.07 Jonathan Olsen	40	2:07.80 Tim D Erickson	47
54.80 Don Smith	42	1:07.65 Frank Wasko	43	2:19.75 Ron Collins	41	2:08.52 Mark Wussler	48
54.91 Henry Stewart	40	• 200 M. BACKSTROKE		2:22.05 Michael Schmidt	41	2:08.81 James Kemp	48
54.96 Vernon S Rogers	42	2:08.26 ERIC ERICSON	02	2:28.97 Kyle Treadway	43	2:11.15 Jim Stites	46
55.30 Jerry Dawson	43	2:17.22 Lincoln Djang	44	2:29.43 Chris Greene	41	2:12.81 John Kraetsch	46
55.44 Steve Wood	43	2:19.16 Glenn Battle	42	2:34.48 Eric Dybdahl	43	• 400 M. FREESTYLE	
55.61 Bill O'Brien	43	2:23.82 Brad Roby	42	2:39.36 Kym Berman	44	4:14.73 JIM MCCONICA	99
56.08 Steven Newman	41	2:24.43 Jim Ebert	40	2:40.90 Robert Kim	43	4:21.20 William L Specht	45
• 200 M. FREESTYLE		2:26.48 Steve Wood	43	• 100 M. INDIVIDUAL MEDLEY		4:21.52 Brett Phillips	45
1:56.44 PAUL SMITH	01	2:27.76 Brad R Wells	42	1:00.54 J CLAY BRITT	01	4:24.85 Mark Drennen	47
1:58.07 David Boatwright	42	2:29.19 Wayde Mulhern	44	1:03.06 Jerry Dawson	43	4:25.06 Scott Shake	45
1:59.45 Bradley Howe	41	2:31.49 Dave Evans	42	1:03.45 Peter Berndt	40	4:28.04 Peter Worland	45
2:01.47 Bill O'Brien	43	2:32.08 Scott Brinitzer	41	1:03.66 Tom Radam	41	4:34.28 Larry W Wood	49
2:03.31 Jerry Dawson	43	2:32.60 Keith Hoffman	44	1:03.69 Lincoln Djang	44	4:35.03 Tim D Erickson	47
2:03.37 Lincoln Djang	44	• 50 M. BREASTSTROKE		1:03.91 Ray Gandy	42	4:35.70 Tim Buckley	48
2:03.75 Steven Newman	41	29.90 PLAMEN ALEXANDROV	01	1:04.66 Ken Ericsson	43	4:36.65 Jim Stites	46
2:04.11 Rob Hudek	41	30.18 Chris Weissman	41	1:06.07 Glenn Battle	42	4:38.67 Bryan Volpp	46
2:04.38 Michael Schmidt	41	30.31 Wally C Dicks	40	1:06.25 James Fregosi	43	• 800 M. FREESTYLE	
2:04.74 Jonathan Olsen	40	30.59 Dean Putterman	41	1:06.96 Steve Wood	43	8:56.08 TIM BRODERICK	96
2:05.66 Tim Hedrick	40	32.44 Keith Hoffman	44	1:07.02 Tryggvi Helgason	40	9:12.80 Mark Drennen	47
• 400 M. FREESTYLE		32.53 Jan Vandersluis	43	• 200 M. INDIVIDUAL MEDLEY		9:26.01 Matt Clark	47
4:09.10 WILLIAM SPECHT	99	32.73 Ken Ericsson	43	2:12.25 JIM SORENSEN	98	9:35.02 Tim Erickson	47
4:16.27 Bradley Howe	41	32.91 Mike Mc Aweeney	40	2:19.82 Ray Gandy	42	9:38.18 Bob Bugg	46
4:18.04 Bobby Patten	41	33.06 James Fregosi	43	2:20.50 Jerry Dawson	43	9:41.15 Matthew Kanzler	47
4:24.28 Matthew Bailey	42	33.30 Algernon Keith	43	2:20.68 Brian Casey	40	9:44.24 Jim Stites	46
4:24.80 Bill O'Brien	43	33.31 Rory Lewis	42	2:23.51 Michael Schmidt	41	9:47.66 Larry W Wood	49
4:25.37 Jonathan Olsen	40	• 100 M. BREASTSTROKE		2:24.28 Tom Smith	42	9:49.91 Louis Caron	46
4:26.19 Rob Hudek	41	1:05.79 PLAMEN ALEXANDROV	02	2:24.50 Glenn Battle	42	9:50.44 Tim Buckley	48
4:26.45 Steven Newman	41	1:06.21 Chris Weissman	41	2:24.56 Robert Goldbloom	44	9:51.04 Larry Black	45
4:27.24 Michael Schmidt	41	1:09.39 Brian Casey	40	2:26.11 Ron Collins	41	• 1500 M. FREESTYLE	
4:27.74 Tim Hedrick	40	1:11.15 Ken Eicsson	43	2:26.63 Edmund Gendreau	41	16:51.21 JIM MCCONICA	99
4:29.14 Jerry Dawson	43	1:11.19 Keith Hoffman	44	2:27.73 Matthew Dixon	41	17:24.06 Mark Drennen	47
• 800 M. FREESTYLE		1:11.95 James Fregosi	43	• 400 M. INDIVIDUAL MEDLEY		18:00.36 Matt Clark	47
8:46.89 BRETT PHILLIPS	01	1:12.38 Mike Mc Aweeney	40	4:43.28 HESS YNTEMA	95	18:05.17 Matthew Kanzler	46
8:52.48 George Tidmarsh	43	1:13.27 Michael Leddy	44	4:49.57 Lincoln Djang	44	18:18.78 Larry W Wood	49
9:09.53 Tim Hedrick	40	1:13.96 Jan Vandersluis	43	4:52.47 Tom Radam	41	18:37.92 Jim Stites	46
9:12.04 Matthew Bailey	42	1:13.99 Tryggvi Helgason	40	5:08.07 Ray Gandy	42	18:53.10 Brian Skuse	47
9:12.18 Lincoln Djang	44	1:14.38 Edmund Gendreau	41	5:10.34 Steven Czekala	44	18:54.33 David Burleson	46
9:35.03 Barry Plaga	41	• 200 M. BREASTSTROKE		5:10.82 Michael Schmidt	41	18:55.30 Brad Cole	45
9:36.09 Steven Czekala	44	2:25.58 RON SCHAFFER	97	5:12.03 Tom Smith	42	19:02.78 Brad Levinson	47
9:38.63 Paul Sherman	40	2:27.38 Wally C Dicks	40	5:14.93 Glenn Battle	42	19:06.79 Gilles Chalandon	47
9:40.16 Steven Shtab	42	2:28.17 Chris Weissman	41	5:15.18 Jonathan Olsen	40	• 50 M. BACKSTROKE	
9:43.24 Ron Collins	41	2:38.09 Keith Hoffman	44	5:17.07 Ron Collins	41	28.40 FRITZ LEHMAN	03
9:43.83 Tom Smith	42	2:40.99 James Fregosi	43	5:18.38 Matthew Dixon	41	28.40 Fritz E Lehman	45
• 1500 M. FREESTYLE		2:41.24 Tryggvi Helgason	40			29.01 William L Specht	45
16:42.00 GEORGE TIDMARSH	03	2:42.70 Andrew Brenan	43			29.42 James Ballard	46
16:42.00 George Tidmarsh	43	2:43.58 Jim Matysek	44	MEN 45-49		29.75 Scott Shake	45
16:52.71 Bobby Patten	41	2:44.30 Edmund Gendreau	41	• 50 M. FREESTYLE		29.86 Philipp Djang	49
17:20.27 Bradley Howe	41	2:46.55 Dan Allen	41	24.73 BILL SHERMAN	03	30.71 Philip Arcuni	45
17:23.08 Tim Hedrick	40	2:46.90 Tim Hedrick	40	24.73 Bill Sherman	45	30.85 Donald Graham	49
17:24.63 Matthew Bailey	42	• 50 M. BUTTERFLY		24.82 Gregory L Oxley	45	30.95 Jonathan Klein	46
18:23.89 Tom Smith	42	25.89 WILLIAM SPECHT	98	25.10 Rick Abbott	48	31.44 Mark Alexander	45
18:24.41 Ron Collins	41	27.16 Henry Stewart	40	25.34 Kirk Kozlowski	45	31.47 Alan Godfrey	46
18:28.97 Steven Czekala	44	27.27 Craig Mallery	41	25.46 Gary L Schatz	48	• 100 M. BACKSTROKE	
18:38.95 Bill Korey	40	27.41 Frank Wasko	43	25.66 Eric Van Boer	49	1:00.09 FRITZ LEHMAN	03
18:41.46 Scott Genkinger	44	27.45 Robert Goldbloom	44	25.76 M B Stinchcombe	46	1:00.09 Fritz E Lehman	45
• 50 M. BACKSTROKE		28.00 Timothy Phillips	44	25.92 John Fields	47	1:03.26 William L Specht	45
27.28 ERIC ERICSON	02	28.07 Rory Lewis	42	25.97 Mike Scott	46	1:03.66 Philipp Djang	49
27.55 J Clay Britt	42	28.26 Michael Schmidt	41	25.97 Robert Heath	46	1:03.77 Scott Shake	45
29.18 Steve Wood	43	28.34 Tryggvi Helgason	40	• 100 M. FREESTYLE		1:05.77 Philip Arcuni	45
29.72 Brad R Wells	42	28.36 Paul Stricker	43	54.34 JACK GROSELLE	03	1:07.16 Jonathan Klein	46
30.50 Glenn Battle	42	28.44 Ron Collins	41	54.34 Jack Groselle	49	1:07.26 Mark Alexander	45
30.94 Jim Ebert	40	• 100 M. BUTTERFLY		55.18 Bill Sherman	45	1:07.47 Bob Bugg	46
30.99 Robert Goldbloom	44	56.18 WILLIAM SPECHT	98	55.18 Rick Abbott	48	1:07.52 David Burleson	46
31.29 Patt Chaiyaraj	40	58.73 Bobby Patten	41	55.45 Gregory Oxley	45	1:07.60 Thomas Bliss	49
31.34 Dale McElhattan	41	59.98 Bill O'Brien	43	56.73 Peter Worland	45	• 200 M. BACKSTROKE	
31.67 Mike Reid	42	1:00.88 Tom Radam	41	56.85 Steve Franklin	46	2:13.36 FRITZ LEHMAN	03
31.89 Carlos AdanPol	40	1:01.60 Ray Gandy	42	57.00 Malcolm Cooper	46	2:13.36 Fritz E Lehman	45
• 100 M. BACKSTROKE		1:02.01 Michael Schmidt	41	57.50 Alan Godfrey	46	2:16.48 James Ballard	46
57.66 ERIC ERICSON	02	1:02.14 John Kenny	43	57.76 Mark Wussler	48	2:17.71 William L Specht	45
58.28 J Clay Britt	42	1:02.17 Lincoln Djang	44	57.85 Bob Bugg	46	2:19.21 Alan Godfrey	46

2003 Short-Course Meters - Top-Ten Individuals

2:21.34 Philipp Djang	49	▪ 100 M. INDIVIDUAL MEDLEY	4:28.64 Lee Mench	51	35.51 John McCall	52	
2:23.99 Philip Arcuni	45	1:02.20 GREGORY OXLEY	03	4:32.16 Jim Clemmons	53	35.63 Jim Clemmons	53
2:24.05 Thomas Bliss	49	1:02.20 Gregory Oxley	45	4:32.19 Jim McConica	53	35.71 Mark D Pugliese	51
2:25.51 David Burleson	46	1:03.92 Tom Reudy	49	4:43.16 John C Needham	50	▪ 100 M. BREASTSTROKE	
2:27.67 Mark Alexander	45	1:04.25 Jack Groselle	49	4:43.52 Doug Green	51	1:09.96 ROBERT STRAND	96
2:28.71 Bryan Volpp	46	1:04.75 Alan Godfrey	46	4:45.74 John McCall	52	1:14.50 Allen Stark	54
▪ 50 M. BREASTSTROKE		1:05.32 Brett Phillips	45	4:47.39 Craig W Stevens	50	1:14.87 Fred Farley	50
30.83 GREG OXLEY	03	1:05.41 Fritz Lehman	45	4:47.97 Bill Penn	52	1:16.92 Robert Brown	51
30.83 Gregory Oxley	45	1:05.53 Thomas Boyd	47	4:49.96 Mike Tennant	50	1:17.18 George Schmidt	53
32.06 Spencer Eldred	47	1:05.70 Steve Franklin	46	▪ 800 M. FREESTYLE		1:17.24 Bob Schmitz	51
32.08 Ben Doyle	45	1:05.88 Andrew Dewey	45	8:44.51 JIM MCCONICA	00	1:17.41 John McCall	52
32.94 Craig Sheffer	46	1:06.02 James Kemp	48	9:24.76 Larry Krauser	50	1:17.44 Richard Garrett	50
33.04 Pat Allender	45	▪ 200 M. INDIVIDUAL MEDLEY		9:28.51 Jim Clemmons	53	1:18.72 Rick Peterson	52
33.08 James Kemp	48	2:16.97 TOM REUDY	99	9:31.18 Scott Lautman	51	1:19.58 Jim Clemmons	53
33.65 Andy Dyer	45	2:18.75 Gregory Oxley	45	9:44.39 Doug Green	51	1:19.92 Jon R Mayfield	50
33.70 Mark Drennen	47	2:22.87 Thomas Boyd	47	9:50.28 John C Needham	50	▪ 200 M. BREASTSTROKE	
33.79 Mark Wussler	48	2:23.20 Matt Clark	47	9:54.93 Lee Mench	50	2:34.71 ROBERT STRAND	96
33.79 Andrew Dewey	45	2:23.32 Pat Allender	45	9:57.64 William Reeves	50	2:43.85 Chuck Holum	51
▪ 100 M. BREASTSTROKE		2:23.73 Andrew Dewey	45	10:01.57 Larry Krauser	50	2:45.29 Jim Clemmons	53
1:07.77 GREG OXLEY	03	2:24.24 Thomas Bliss	49	10:02.32 Frank Thompson	52	2:47.15 Allen Stark	54
1:07.77 Gregory Oxley	45	2:25.61 Bryan Volpp	46	10:03.95 David Owen	51	2:47.21 John McCall	52
1:10.95 Spencer Eldred	47	2:25.84 Philipp Djang	49	▪ 1500 M. FREESTYLE		2:47.88 Robert Brown	51
1:11.49 Pat Allender	45	2:26.30 James Kemp	48	16:33.02 JIM MCCONICA	00	2:48.00 John Derr	54
1:12.55 Craig Sheffer	46	2:26.72 Mark A Drennen	47	17:48.71 Larry Krauser	50	2:50.82 William Reeves	50
1:13.43 Ron Schafer	46	▪ 400 M. INDIVIDUAL MEDLEY		17:53.99 Jim Clemmons	53	2:54.49 Jon R Mayfield	50
1:13.63 Mark Drennen	47	4:57.31 GREG DOZER	02	18:29.40 Lee Mench	51	2:54.90 Rick Peterson	52
1:13.75 James Kemp	48	5:01.91 Mark Drennen	47	18:36.79 Bill Penn	52	2:57.42 David Levinson	53
1:13.81 David White	48	5:08.26 Bill Specht	45	18:41.31 John C Needham	50	▪ 50 M. BUTTERFLY	
1:14.01 Mauro Bordovsky	47	5:10.91 Matthew Kanzler	46	18:56.40 David Owen	51	26.79 GREG SHAW	03
1:14.13 Winston Uchiyama	46	5:11.11 Pat Allender	45	18:56.40 David Owen	51	26.79 Greg Shaw	52
▪ 200 M. BREASTSTROKE		5:11.73 Bryan Volpp	46	19:08.56 Frank L Thompson	52	27.62 Mark Pugliese	51
2:31.41 GREGORY OXLEY	03	5:15.38 Thomas Bliss	49	19:21.81 James Ryan	51	27.69 Kevin McCormack	51
2:31.41 Gregory L Oxley	45	5:15.54 Andrew Dewey	45	19:29.59 John McCall	52	27.93 Tom Geiman	54
2:33.37 Spencer Eldred	47	5:18.56 John Morales	45	▪ 50 M. BACKSTROKE		28.13 John McCall	52
2:33.83 Pat Allender	45	5:19.75 Steve Franklin	46	29.50 HUGH WILDER	97	28.25 Jim OConnor	50
2:35.16 Tom Reudy	49	5:23.34 Bruce Hatton	46	29.84 Mark Pugliese	51	28.52 Timothy Shead	51
2:36.56 Ben Doyle	45			31.17 Greg Shaw	52	28.69 Paul T Trevisan	52
2:39.36 Mark Drennen	47	MEN 50-54		31.30 John Spire	51	29.43 Larry Krauser	50
2:40.92 Craig Sheffer	46	▪ 50 M. FREESTYLE		31.88 Jack Courtney	50	29.51 Ted Hammond	50
2:41.99 Mauro Bordovsky	47	24.26 PAUL TREVISAN	03	31.91 Robert Lawton	52	▪ 100 M. BUTTERFLY	
2:42.14 Ron Schafer	46	24.26 Paul Trevisan	52	32.10 Kevin McCormack	51	1:00.08 JOHN MCCALL	03
2:43.06 Winston Uchiyama	46	25.00 Larry Krauser	50	32.48 Thomas Whatley	52	1:00.08 John McCall	52
▪ 50 M. BUTTERFLY		25.53 Thomas Whatley	52	32.76 Tim Clayton	50	1:00.48 Greg Shaw	52
25.84 PAUL CARTER	03	25.64 Tom Geiman	54	32.85 Larry Krauser	50	1:02.74 Scott Lautman	51
25.84 Paul Carter	46	26.07 Lee Mench	51	33.36 William Tingley	53	1:02.93 Kevin McCormack	51
26.84 Rick Abbott	48	26.17 Mike Tennant	50	▪ 100 M. BACKSTROKE		1:03.02 Jim OConnor	50
26.87 William L Specht	45	26.35 George L Schmidt	53	1:04.17 HUGH WILDER	97	1:04.16 Tom Geiman	54
27.21 James Ballard	46	26.62 Ted Hammond	50	1:05.16 Mark Pugliese	51	1:05.63 Richard Garrett	50
27.43 Arnaldo Perez	45	26.75 Kevin McCormack	51	1:08.42 Kevin McCormack	51	1:07.14 Joseph Lewkowicz	52
27.59 Frederick Ehmke	49	27.04 Carl Hawkins	51	1:08.90 Robert Lawton	52	1:07.70 Doug Green	51
27.63 Donald Graham	49	▪ 100 M. FREESTYLE		1:09.06 George Schmidt	53	1:08.16 William Reeves	50
28.14 Philip Arcuni	45	54.61 PAUL TREVISAN	03	1:09.32 Larry Krauser	50	▪ 200 M. BUTTERFLY	
28.43 Tim Lehman	46	54.61 Paul Trevisan	52	1:10.32 William Tingley	53	2:18.69 SCOTT LAUTMAN	03
28.53 James Kemp	48	55.37 Lee E Mench	51	1:10.38 Jack Courtney	50	2:18.69 Scott Lautman	51
▪ 100 M. BUTTERFLY		55.51 Larry Krauser	50	1:10.62 Richard Garrett	50	2:20.26 Greg Shaw	52
57.17 PAUL CARTER	03	56.67 Richard Garrett	50	1:11.80 Frank L Thompson	52	2:20.86 Jim OConnor	50
57.17 Paul Carter	46	57.09 Greg Shaw	52	1:12.04 John Spire	51	2:29.15 William Reeves	50
58.14 William L Specht	45	58.21 Mike Tennant	50	▪ 200 M. BACKSTROKE		2:30.49 John McCall	52
1:00.01 James Ballard	46	58.28 Jim McConica	53	2:20.42 R TOD SPIEKER	99	2:31.90 Jim Clemmons	53
1:01.33 Frederick Ehmke	49	58.33 Thomas Whatley	52	2:24.24 Jim McConica	53	2:41.07 Larry Krauser	50
1:02.11 Philip Arcuni	45	58.56 Tom Geiman	54	2:25.53 Mark Pugliese	51	2:45.81 David Levinson	53
1:03.36 James Kemp	48	58.58 Ted Hammond	50	2:30.35 Timothy Shead	51	2:54.75 Mark C Walters	51
1:03.58 Donald Graham	49	▪ 200 M. FREESTYLE		2:31.09 Larry Krauser	50	3:02.17 Charles Larson	51
1:03.76 Mark Drennen	47	1:58.37 JIM MCCONICA	00	2:32.15 George L Schmidt	53	▪ 100 M. INDIVIDUAL MEDLEY	
1:03.81 Kerry O'Brien	46	2:03.10 Larry Krauser	50	2:33.23 Kevin McCormack	51	1:03.75 GREG SHAW	03
1:04.10 John Feinstein	48	2:03.80 Lee Mench	51	2:34.40 Robert Lawton	52	1:03.75 Greg Shaw	52
▪ 200 M. BUTTERFLY		2:08.10 Jim Clemmons	53	2:34.90 William Reeves	50	1:05.59 Richard Garrett	50
2:09.06 WILLIAM SPECHT	03	2:10.60 Doug Green	51	2:35.70 Jack Courtney	50	1:05.91 Mark Pugliese	51
2:09.06 William L Specht	45	2:12.16 Richard Garrett	50	2:36.50 David Owen	51	1:06.60 George Schmidt	53
2:23.24 Mark Drennen	47	2:13.19 Craig W Stevens	50	▪ 50 M. BREASTSTROKE		1:06.80 Larry Krauser	50
2:24.39 Matthew Kanzler	46	2:13.72 Mike Tennant	50	31.24 DON MCKENZIE	97	1:06.92 Fred Farley	50
2:26.00 Tim D Erickson	47	2:13.81 David R Oates	53	32.19 Timothy Shead	51	1:07.24 Lee Mench	51
2:29.17 Philip Arcuni	45	2:16.48 John C Needham	50	33.52 Fred Farley	50	1:08.67 Thomas Whatley	52
2:29.58 Thomas Bliss	49	2:16.61 Glenn Gruber	54	33.64 Allen Stark	54	1:09.09 John Derr	54
2:32.23 Jim Stites	46	▪ 400 M. FREESTYLE		34.18 Thomas Whatley	52	1:09.56 Robert Brown	51
2:32.80 Don Walker	45	4:07.99 JIM MCCONICA	00	34.22 George Schmidt	53	▪ 200 M. INDIVIDUAL MEDLEY	
2:34.36 David W Cheney	45	4:26.37 Larry Krauser	50	34.96 Robert Brown	51	2:20.35 GREG SHAW	03
2:34.62 Dan Robinson	46			35.30 Peter C Lawler	53	2:20.35 Greg Shaw	52

2003 Short-Course Meters - Top-Ten Individuals

2:24.51 Timothy Shead	51	10:30.32 Brian Murphy	55	200 M. BREASTSTROKE	55	6:01.79 Bob Bruce	55
2:25.24 Jim McConica	53	10:50.96 William Cerny	55	2:38.76 ROBERT STRAND	01	6:02.14 Hugh Wilder	56
2:26.00 Jim Clemmons	53	10:51.17 Bob Bruce	55	2:43.54 Robert Strand	57	6:07.44 Jay R Platt	56
2:26.03 Richard Garrett	50	10:52.10 Richard K Smith	58	2:50.29 Daniel Rogacki	56	6:10.36 Hop Bailey	56
2:26.20 Fred Farley	50	11:04.40 Hop Bailey	56	2:57.30 David Ugarkovich	56	6:14.42 William Cerny	55
2:27.99 Mark Pugliese	51	11:18.42 Jim Norris	56	2:58.74 Rod Cargill	57	6:19.22 Christian Jochim	55
2:30.11 George Schmidt	53	1500 M. FREESTYLE					
2:30.88 Larry Krauser	50	17:35.21 TOD SPIEKER	03	3:00.04 Steven Peterson	57		
2:31.56 William Reeves	50	17:35.21 Tod Spieker	55	3:01.35 Dave Gemmill	56	MEN 60-64	
400 M. INDIVIDUAL MEDLEY		18:51.69 James McCleery	57	3:03.56 Jay R Platt	56	50 M. FREESTYLE	
4:58.93 JIM MCCONICA	01	19:15.97 David Gray	57	3:03.95 Michael Merrell	55	26.31 JEFF FARRELL	00
5:05.09 Greg Shaw	52	20:18.89 Bob Bruce	55	3:04.24 Charles B Lee	59	26.52 Robert S Smith	60
5:06.89 Jim Clemmons	53	20:42.81 Richard Smith	58	50 M. BUTTERFLY		27.03 Vinus VanBaalen	61
5:14.61 John McCall	52	20:44.20 William Cerny	55	27.21 STEVE BOROWSKI	02	27.54 Pete Andersen	60
5:19.55 Fred Farley	50	20:47.98 Jay R Platt	56	28.48 Rich Abrahams	58	27.62 Robert Smith	60
5:21.75 Larry Krauser	50	21:23.61 Jim Norris	56	29.02 Joel Burns	57	27.99 Don McIntosh	60
5:22.99 William Reeves	50	21:39.05 Mark T Ebel	55	29.17 Jim Dragon	59	28.89 Robert Pilger	60
5:37.51 David Levinson	53	21:43.98 Gary Parlapiano	56	29.47 Daniel Rogacki	55	28.90 Jerry Greenberg	62
5:47.87 Scott Lautman	51	50 M. BACKSTROKE				29.01 Paul Chaffee	61
5:51.11 Steven Van Nort	52	30.25 HUGH WILDER	03	30.46 Hugh Wilder	56	29.54 Harold Murray	62
5:51.46 Frank Thompson	52	30.25 Hugh Wilder	56	30.50 Mike Ahern	58	29.62 Michael Mealiffe	63
		32.27 R Tod Spieker	55	30.60 Jon Shastid	55	100 M. FREESTYLE	
MEN 55-59						1:00.24 JEFF FARRELL	00
50 M. FREESTYLE						1:02.32 Vinus VanBaalen	61
25.00 RICH ABRAHAMS	01	32.47 Daniel Rogacki	55	1:05.75 David Gildea	60	1:06.40 Harold Murray	62
26.00 Rich Abrahams	58	33.17 Robert Strand	57	1:06.64 Robert Pilger	60	1:06.64 Paul Chaffee	61
27.03 Mike Ahern	58	34.30 Jim Dragon	59	1:07.01 Edward Cazalet	61	1:07.64 Larry Raffaelli	60
27.03 Daniel Rogacki	56	34.67 Jon Shastid	55	1:07.66 Bob Bourassa	62	1:08.03 Peter A Andersen	60
27.15 Jim Dragon	59	34.81 Robert VanFossan	57	1:09.31 Charles Raven	64	200 M. FREESTYLE	
27.23 Jon Shastid	55	34.88 David Ugarkovich	56	1:09.50 Ted Leovich	55	2:15.84 TOM LANDIS	02
27.73 Greg Gush	55	34.94 Richard Smith	58	1:10.20 Dan Natali	55	2:19.67 Edward Cazalet	61
27.88 David Gray	57	35.25 Donald Galine	58	1:10.60 Randy Brown	55	2:21.51 Robert Poiletman	60
27.93 Randy Simons	55	100 M. BACKSTROKE				2:22.85 Larry Raffaelli	60
27.99 Larry R Sloan	56	1:04.89 TIM BIRNIE	00	1:12.32 Frank J McElroy	55	2:26.53 Tom Landis	61
28.01 Tom Meehan	56	1:06.70 Hugh Wilder	56	1:12.39 Jon Shastid	55	2:28.56 Bob Bourassa	62
100 M. FREESTYLE						2:30.14 Frank Williams	63
56.51 RICH ABRAHAMS	01	1:08.48 R Tod Spieker	55	1:13.04 Fred Baird	55	2:32.95 David Gildea	60
59.51 Daniel Rogacki	55	1:10.94 Daniel Rogacki	55	1:14.34 Mark T Ebel	55	2:34.18 Murray Mc Lachlan	62
59.86 Fred Schlicher	55	1:15.80 David Ugarkovich	56	1:15.57 J Bronfenbrenner	56	2:34.52 Mike Freshley	62
1:01.04 Tom Meehan	56	1:16.09 Richard Alexander	59	1:15.62 Paulo Figueiredo	57	2:35.16 Robert Lewis	60
1:01.22 Rich Abrahams	58	1:16.10 Jon Shastid	55	1:17.40 Dick Pitman	59	400 M. FREESTYLE	
1:01.28 Mike Ahern	58	1:16.10 Jon Shastid	55	200 M. BUTTERFLY		4:54.94 DRURY GALLAGHER	98
1:01.59 Larry R Sloan	56	1:17.88 Daniel Slick	55	2:22.73 FRED SCHLICHER	03	4:56.47 Edward Cazalet	61
1:01.63 David Gray	57	1:18.44 Timothy T Timmons	57	2:22.73 Fred Schlicher	55	5:06.12 Larry Raffaelli	60
1:01.65 Jon Shastid	55	1:18.51 Richard K Smith	58	2:27.03 Dan Natali	55	5:13.92 Robert Poiletman	60
1:02.35 Bruce Mohl	57	1:18.59 Duke Dahlin	55	2:30.86 Richard Smith	58	5:15.61 Frank Williams	63
1:03.40 David R Quiggin	59	200 M. BACKSTROKE				5:26.04 Bill Conroy	60
200 M. FREESTYLE						5:29.54 Bob Bourassa	62
2:06.20 TOD SPIEKER	03	2:21.80 TOD SPIEKER	03	3:03.37 Henry Greenberg	55	5:31.25 Bill Dawson	61
2:06.20 Tod Spieker	55	2:21.80 Tod Spieker	55	3:06.59 John Graham	58	5:32.03 Murray Mc Lachlan	62
2:14.30 David Gray	57	2:32.14 Hugh Wilder	56	3:07.66 Michael Merrell	55	5:33.11 David Gildea	60
2:17.33 Steve Johnson	55	2:43.55 Daniel Rogacki	56	3:07.90 Dick Pitman	59	5:33.86 Mike Freshley	62
2:17.43 Bruce Mohl	57	2:49.45 Michael McColly	58	3:11.67 Jay Platt	56	800 M. FREESTYLE	
2:17.80 James McCleery	57	2:49.57 Bob Bruce	55	3:16.52 Larry B Seidman	56	10:10.78 DRURY GALLAGHER	98
2:17.95 Jay R Platt	56	2:50.66 Donald Galine	58	3:18.32 Larry Hunt	56	10:17.45 Edward Cazalet	61
2:18.12 Hugh Wilder	56	2:50.80 Jay R Platt	56	100 M. INDIVIDUAL MEDLEY		10:31.35 Larry Raffaelli	60
2:18.46 Frank J McElroy	55	2:50.80 Jay R Platt	56	1:06.45 DANIEL ROGACKI	02	10:55.00 Tom Landis	61
2:19.61 Rich Abrahams	58	2:52.03 Laszlo J Eger	58	1:08.45 Robert Strand	57	10:59.57 Frank Williams	63
2:21.96 Jack Zakim	58	2:53.53 Timothy T Timmons	57	1:09.08 Daniel Rogacki	56	11:15.08 Bill Conroy	60
400 M. FREESTYLE						12:06.56 Robert Pilger	60
4:28.73 TOD SPIEKER	03	2:54.63 Roger F Leonard	55	1:09.65 Bruce Mohl	57	12:12.42 Robert Lewis	60
4:28.73 Tod Spieker	55	50 M. BREASTSTROKE				12:26.97 Donald Kroeger	60
4:43.97 David Gray	57	32.18 ROBERT STRAND	01	1:10.97 Lonny Harrison	55	12:36.64 Geir Ingolfsson	60
4:49.29 Jay R Platt	56	33.59 Robert Strand	57	1:11.88 Mike Ahern	58	13:03.54 John S Fulton	64
4:50.79 James McCleery	57	34.41 Daniel Rogacki	56	1:11.93 David Ugarkovich	56	1500 M. FREESTYLE	
5:04.10 Hugh Wilder	56	35.05 Jim Dragon	59	1:12.15 Ted Leovich	55	19:15.89 EDWARD CAZALET	03
5:07.16 Tim Morse	55	35.06 Rod Cargill	57	1:12.39 Hugh Wilder	56	19:15.89 Edward Cazalet	61
5:07.21 Brian Murphy	55	35.19 Scott Guthrie	59	1:12.83 Jon Shastid	55	20:11.87 Larry Raffaelli	60
5:07.82 Bob Bruce	55	35.45 Gary Parlapiano	56	1:13.82 Jay R Platt	56	20:17.07 Tom Landis	61
5:09.55 Frank McQuiggan	55	35.96 David Ugarkovich	56	200 M. INDIVIDUAL MEDLEY		21:01.28 Bill Conroy	60
5:09.60 Jack Zakim	58	36.28 Bruce Mohl	57	2:27.19 JOHN CALVERT	00	21:19.44 Bill Dawson	61
800 M. FREESTYLE						22:44.09 Mike Freshley	62
9:13.15 TOD SPIEKER	03	36.54 Kim Bernard	59	2:27.94 Fred Schlicher	55	22:53.06 Bob Hopkins	61
9:13.15 Tod Spieker	55	36.67 Charles B Lee	59	2:32.33 Daniel Rogacki	55		
9:58.47 James McCleery	57	100 M. BREASTSTROKE					
10:07.08 Frank McElroy	55	1:11.53 ROBERT STRAND	01	2:32.53 R Tod Spieker	55		
10:20.07 Jay R Platt	56	1:15.33 Robert Strand	57	2:35.94 Bruce Mohl	57		
		1:17.26 Daniel Rogacki	55	2:38.70 Ted Leovich	55		
		1:17.38 Gary Parlapiano	56	2:39.81 James McCleery	57		
		1:18.35 Bruce Mohl	57	2:41.55 Hugh Wilder	56		
		1:18.36 David Ugarkovich	56	2:43.19 Jay R Platt	56		
		1:18.75 Rod Cargill	57	2:43.36 David Gray	57		
		1:21.47 James Redic	57	2:44.42 David Ugarkovich	56		
		1:22.43 Dennis Wilson	55	400 M. INDIVIDUAL MEDLEY			
		1:22.50 Charles B Lee	59	5:13.29 TOD SPIEKER	03		
		1:22.67 Edward H Nessel	58	5:13.29 R Tod Spieker	55		
				5:31.34 Daniel Rogacki	55		
				5:42.20 Ted Leovich	55		
				5:55.92 Richard Smith	58		

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23:07.45 Paul Chaffee 61	30.40 Robert Poiletman 60	30.68 James Krueger 65	• 100 M. BACKSTROKE
23:11.76 Ralph Brott 64	30.57 Richard Burns 60	30.70 Steve Allen 67	1:14.66 YOSHI OYAKAWA 98
23:29.44 Bob Jones 61	31.55 Michael Mealiffe 63	30.79 William Blake 66	1:22.75 Marty Mennen 67
• 50 M. BACKSTROKE	31.70 Mike Freshley 62	30.87 Jerry Clark 66	1:25.32 Bill Dykstra 66
31.54 ROBERT SMITH 03	32.07 Vinus Van Baalen 61	32.20 David Painter 65	1:26.43 Brent Lake 65
31.54 Robert S Smith 60	33.00 Thomas Manfredi 60	32.24 Bill Dykstra 66	1:27.44 Dick Peterson 66
31.65 Richard Burns 60	33.56 Harold Murray 62	• 100 M. FREESTYLE	1:27.79 Ray Martin 66
32.98 Vinus VanBaalen 61	34.13 Ilkka Suvanto 60	1:01.36 JEFF FARRELL 02	1:27.95 David Painter 65
34.82 Harold Murray 62	34.22 Frank Williams 63	1:04.38 Cav Cavanaugh 68	1:28.35 George Thayer 67
35.37 Michael Mealiffe 63	• 100 M. BUTTERFLY	1:07.73 Jerry Clark 66	1:28.58 Steve Moseley 65
35.48 Bill Rupert 60	1:06.74 ROBERT POILETMAN 03	1:07.88 Bob Bailie 68	1:30.97 Alan Johnson 66
35.69 Michael McKinlay 60	1:06.74 Robert Poiletman 60	1:08.96 Steve Moseley 65	1:31.95 Robert Adams 65
36.69 Jim Green 60	1:08.33 Don McIntosh 60	1:09.61 Steve Allen 67	• 200 M. BACKSTROKE
36.89 Erik Lokensgard 61	1:18.86 Thomas Manfredi 60	1:09.83 Dren Geer 69	2:52.77 ROGER FRANKS 94
37.21 Larry Raffaelli 60	1:19.09 Edward Cazalet 61	1:11.31 Bill Dykstra 66	3:02.28 Marty Mennen 67
• 100 M. BACKSTROKE	1:20.21 Ilkka Suvanto 60	1:11.58 James Krueger 65	3:07.92 Steve Moseley 65
1:08.85 RICHARD BURNS 03	1:21.37 Christian Iselin 60	1:12.96 Ernie Leskovitz 67	3:08.69 Bill Dykstra 66
1:08.85 Richard Burns 60	1:22.96 Frank Williams 63	1:13.53 William Blake 66	3:09.21 Brent Lake 65
1:09.43 Robert Smith 60	1:23.78 Mike Freshley 62	• 200 M. FREESTYLE	3:15.61 George Thayer 67
1:14.75 Edward Cazalet 61	1:23.82 Larry Raffaelli 60	2:18.71 JEFF FARRELL 02	3:22.90 Robert Adams 65
1:16.50 Bill Rupert 60	1:26.93 James Shaw 62	2:27.02 Cav Cavanaugh 68	3:28.49 Alan Johnson 66
1:17.79 Michael Mealiffe 63	• 200 M. BUTTERFLY	2:33.08 Ernie Leskovitz 67	3:30.34 Joel Jacobs 67
1:17.83 Erik Lokensgard 61	2:34.65 ROBERT POILETMAN 03	2:36.71 Jerry Clark 66	3:37.82 James Browne 65
1:17.94 Harold Murray 62	2:34.65 Robert Poiletman 60	2:38.25 Dren Geer 69	3:39.63 Bob Maul 69
1:17.95 Vinus Van Baalen 61	3:12.16 Christian Iselin 60	2:40.61 Steve Moseley 65	• 50 M. BREASTSTROKE
1:19.24 Larry Raffaelli 60	3:14.88 Frank Williams 63	2:41.48 Bill Dykstra 66	36.07 MANUEL SANGUILY 98
1:19.85 Michael McKinlay 60	3:16.25 Larry Raffaelli 60	2:49.26 Wilhelm Rauch 69	38.20 Bela Sandor 68
• 200 M. BACKSTROKE	3:24.74 Douglas E Stern 60	2:51.49 Bill Robertson 67	40.14 James Krueger 65
2:34.17 RICHARD BURNS 03	3:28.70 Jim Perilman 64	2:52.31 Landon Kirchner 65	40.95 Hal Stolz 69
2:34.17 Richard Burns 60	3:32.55 William Crowley 64	2:53.67 William Blake 66	41.50 Bob Patten 69
2:36.88 Edward Cazalet 61	3:42.18 Joeseph R Bolze 64	• 400 M. FREESTYLE	41.78 David McIntyre 66
2:37.11 Don McIntosh 60	4:01.12 Gordon Gibson 60	5:09.09 GRAHAM JOHNSTON 96	41.88 Jerry Katz 65
2:52.50 Larry Raffaelli 60	4:16.30 Richard Juhala 60	5:22.68 Cav Cavanaugh 68	42.38 Dick Peterson 66
2:54.13 Bill Rupert 60	• 100 M. INDIVIDUAL MEDLEY	5:27.97 Ernie Leskovitz 67	42.40 Steve Allen 67
3:00.43 Harold Murray 62	1:09.39 ROBERT SMITH 03	5:43.97 David Radcliff 69	43.05 Jerry Clark 66
3:02.00 Murray Mc Lachlan 62	1:09.39 Robert S Smith 60	5:46.80 Jerry Clark 66	43.05 Stan Morner 69
3:05.37 Michael McKinlay 60	1:11.25 Richard Burns 60	6:01.11 Dick Peterson 66	• 100 M. BREASTSTROKE
3:05.96 Bob Hartman 60	1:12.36 Edward Cazalet 61	6:02.80 Brent Lake 65	1:22.34 MANUEL SANGUILY 98
3:06.10 Vinus VanBaalen 61	1:14.66 Pete Andersen 60	6:02.81 Wilhelm Rauch 69	1:30.08 Hal Stolz 69
• 50 M. BREASTSTROKE	1:14.71 Mike Freshley 62	6:08.44 Landon Kirchner 65	1:31.40 Bob Patten 69
33.71 PETER ANDERSEN 03	1:14.92 Vinus VanBaalen 61	6:10.58 Marty Mennen 67	1:31.61 Dick Peterson 66
33.71 Peter Andersen 60	1:17.45 Ilkka Suvanto 60	6:17.61 Bob Bailie 68	1:38.41 Joel Jacobs 67
34.99 David Gildea 60	1:18.09 Michael Mealiffe 63	• 800 M. FREESTYLE	1:39.29 Stanley Panko 65
35.59 Robert Smith 60	1:18.44 Harold Murray 62	10:35.13 GRAHAM JOHNSTON 96	1:39.45 George May 66
37.90 Robert Lewis 60	1:18.46 Murray Mc Lachlan 62	11:15.54 Ernie Leskovitz 67	1:40.03 Will Rauch 69
38.09 Gary Trimble 61	• 200 M. INDIVIDUAL MEDLEY	11:35.85 Dave Radcliff 69	1:40.42 Stan Morner 69
38.28 Richard Goers 62	2:35.95 EDWARD CAZALET 03	12:18.44 Brent Lake 65	1:41.82 Robert Bracken 68
38.50 Teyze Haraszti 62	2:35.95 Edward Cazalet 61	12:23.49 Marty Mennen 67	1:44.58 Edwin Bloomgren 66
38.82 Raymond Loewe 61	2:47.57 Mike Freshley 62	12:25.67 Landon Kirchner 65	• 200 M. BREASTSTROKE
38.93 Thomas D Boak 60	2:55.92 Murray Mc Lachlan 62	12:39.43 Will Rauch 69	3:08.98 BOB PATTEN 02
39.41 Mike Freshley 62	2:56.63 Bob Bourassa 62	12:45.52 Barry Fashbender 66	3:17.18 Bob Patten 69
• 100 M. BREASTSTROKE	2:57.09 David Gildea 60	13:18.90 Don Ingalls 65	3:22.55 Hal Stolz 69
1:16.56 PETER ANDERSEN 03	2:57.33 Harold Murray 62	13:33.34 Alan Hale 65	3:28.16 A Emory Haworth 67
1:16.56 Peter Andersen 60	3:00.81 Christian Iselin 60	13:36.04 William Blake 66	3:29.82 Bela Sandor 68
1:16.89 David Gildea 60	3:02.53 Bill Dawson 61	• 1500 M. FREESTYLE	3:33.70 Joel Jacobs 67
1:23.04 Teyze Haraszti 62	3:06.06 Bob Hopkins 61	19:53.18 GRAHAM JOHNSTON 96	3:48.72 Hans Wendel 67
1:24.37 Robert Lewis 60	3:06.07 Douglas E Stern 60	20:49.25 Ernie Leskovitz 67	3:52.59 Edwin Bloomgren 66
1:25.14 Gary Trimble 61	• 400 M. INDIVIDUAL MEDLEY	21:50.02 David Radcliff 69	3:55.33 Harry Schmitke 65
1:26.61 Thomas D Boak 60	5:34.43 EDWARD CAZALET 03	22:54.80 Marty Mennen 67	3:56.33 L Silverstein 69
1:27.86 Mike Freshley 62	5:34.43 Edward Cazalet 61	23:55.77 Brent Lake 65	3:57.72 David Gladfelder 67
1:28.79 Richard Goers 62	6:15.83 Mike Freshley 62	23:58.79 Barry Fashbender 66	• 50 M. BUTTERFLY
1:29.67 Edward Cazalet 61	6:16.09 Tom Landis 61	24:05.65 Wilhelm Rauch 69	30.70 BOB BAILIE 01
1:29.75 Jim Perilman 64	6:27.04 Murray Mc Lachlan 62	24:51.55 A Emory Haworth 67	30.71 Bert Petersen 65
• 200 M. BREASTSTROKE	6:30.57 Robert S Smith 60	25:28.12 Don Ingalls 65	33.50 Bob Bailie 68
2:53.12 DRURY GALLAGHER 98	6:34.49 Larry Raffaelli 60	25:49.37 Dick Chisholm 69	33.66 Cav Cavanaugh 68
2:53.21 David Gildea 60	6:38.30 Christian Iselin 60	26:08.00 Alan Hale 65	36.04 Mel Goldstein 65
2:53.65 Peter Andersen 60	6:54.49 William Crowley 64	• 50 M. BACKSTROKE	36.05 A Emory Haworth 67
2:59.75 Teyze Haraszti 62	7:10.49 Douglas Bailey 61	33.38 YOSHI OYAKAWA 99	36.55 David Painter 65
3:05.75 Mike Freshley 62	7:22.87 Joeseph R Bolze 64	35.64 David McIntyre 66	36.83 David McIntyre 66
3:08.55 Robert Lewis 60		38.56 Bill Dykstra 66	36.89 Hal Stolz 69
3:11.51 Raymond Loewe 61	MEN 65-69	39.48 Brent Lake 65	37.17 Barry Fashbender 66
3:17.40 Gary Trimble 61	• 50 M. FREESTYLE	39.59 David Painter 65	37.30 Ray Martin 66
3:19.62 Douglas E Stern 60	27.05 JEFF FARRELL 02	39.83 Dick Peterson 66	• 100 M. BUTTERFLY
3:24.99 Christian Iselin 60	28.84 Cav Cavanaugh 68	39.86 George Thayer 67	1:13.32 BERT PETERSEN 03
3:26.14 Phillip Whitten 60	29.46 David R McIntyre 66	40.20 John Trainer 66	1:13.32 Bert Petersen 65
• 50 M. BUTTERFLY	29.87 Bob Bailie 68	40.22 Steve Moseley 65	1:20.51 Ernie Leskovitz 67
30.30 ROBERT SMITH 03	30.43 Steve Moseley 65	40.56 Barry Fashbender 66	1:23.62 Barry Fashbender 66
30.30 Robert S Smith 60		40.58 Art Johnson 65	1:26.37 A Emory Haworth 67

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1:28.68 Cav Cavanaugh	68	1:17.57 Ken Kimball	73	2:53.59 Yoshi Oyakawa	70	1:15.92 RONALD JOHNSON	01
1:29.92 Dren Geer	69	1:17.70 Hal Begel	74	3:11.14 Alan S Rapperport	70	1:17.22 Burwell Jones	70
1:34.76 Robert Fox	66	1:18.06 Gene C Ferguson	71	3:11.79 Graham Johnston	72	1:26.20 Bob Best	71
1:40.75 Landon Kirchner	65	• 200 M. FREESTYLE		3:11.84 Clarke Mitchell	71	1:26.35 Clarke Mitchell	71
1:44.25 James Browne	65	2:24.31 GRAHAM JOHNSTON	01	3:14.15 Robert Mayo	70	1:26.91 Alan Rapperport	70
1:50.38 David Painter	65	2:37.68 Graham Johnston	72	3:14.73 Horace Knowlton	74	1:27.70 Walter J Lincoln	70
• 200 M. BUTTERFLY		2:48.46 Alan S Rapperport	70	3:27.38 Stan McConnell	72	1:28.16 Graham Johnston	72
3:06.43 RON JOHNSON	96	2:48.94 Robert Mayo	70	3:27.62 George Gfroerer	70	1:29.83 C Weatherbee	71
3:23.18 Barry Fasbender	66	2:54.26 Bill King	70	3:28.98 John Bleck	70	1:30.22 Horace Knowlton	74
3:27.37 A Emory Haworth	67	2:55.65 Bob Best	71	• 50 M. BREASTSTROKE		1:30.99 Donald Baker	72
3:28.29 Dren Geer	69	2:56.70 Fred Lehman	73	38.15 JOHN KORTHEUER	01	1:32.54 George Gfroerer	70
3:32.41 Robert Fox	66	2:57.87 Ken Kimball	73	39.55 Ron Johnson	72	• 200 M. INDIVIDUAL MEDLEY	
4:11.37 James Browne	65	3:02.15 Myron W Lockey	72	40.94 Bob Best	71	2:51.73 BURWELL JONES	03
4:17.30 Sam Chilton	69	3:07.75 James Pitts	73	42.44 Norman Stupfel	71	2:51.73 Burwell Jones	70
4:28.06 David Gladfelter	67	3:08.56 Thomas Mitchell	70	42.67 Ron Taylor	70	3:13.68 Graham Johnston	72
4:33.28 David Harrington	68	• 400 M. FREESTYLE		42.89 Myron W Lockey	72	3:13.72 Bob Best	71
4:59.99 Stan Pedder	68	5:09.75 GRAHAM JOHNSTON	02	44.44 Milton Marks	73	3:15.39 Alan Rapperport	70
5:05.25 Bruce Kurtz	67	5:15.88 Burwell Jones	70	44.85 Kenneth Flynn	73	3:19.90 Herb Kern	71
• 100 M. INDIVIDUAL MEDLEY		5:46.17 Graham Johnston	72	44.91 Ed Farrell	71	3:31.84 Donald Baker	72
1:12.51 JEFF FARRELL	02	6:06.76 Alan Rapperport	70	45.09 Donald Baker	72	3:32.32 Norman Stupfel	71
1:21.90 Cav Cavanaugh	68	6:09.96 Robert Mayo	70	47.38 John Bleck	70	3:37.11 C Weatherbee	71
1:22.80 David R McIntyre	66	6:13.91 Fred Lehman	73	• 100 M. BREASTSTROKE		3:39.32 Thomas Mitchell	70
1:23.97 A Emory Haworth	67	6:25.08 Don Baker	72	1:25.11 RONALD JOHNSON	03	3:46.54 Gordon H Gillin	73
1:24.06 Steve Moseley	65	6:27.63 Bill King	70	1:25.11 Ron Johnson	72	• 400 M. INDIVIDUAL MEDLEY	
1:24.47 David Painter	65	6:27.97 Myron W Lockey	72	1:32.40 Bob Best	71	6:21.46 BURWELL JONES	03
1:25.30 Bert Petersen	65	6:29.17 Hal Begel	74	1:33.39 John Kortheuer	72	6:21.46 Burwell Jones	70
1:25.65 Bob Bailie	68	6:36.38 Ken Kimball	73	1:36.02 Donald Baker	72	7:01.81 Bob Best	71
1:25.91 Dick Peterson	66	• 800 M. FREESTYLE		1:36.39 Norman Stupfel	71	7:11.51 Alan S Rapperport	70
1:28.14 Steve Allen	67	10:52.68 GRAHAM JOHNSTON	01	1:37.65 Walter J Lincoln	70	7:35.19 C Weatherbee	71
1:28.33 Hal Stolz	69	11:04.91 Graham Johnston	72	1:39.51 Myron W Lockey	72	7:42.43 Horace Knowlton	74
• 200 M. INDIVIDUAL MEDLEY		12:40.71 Alan Rapperport	70	1:40.61 Horace Knowlton	74	8:01.08 Donald Baker	72
2:46.35 JEFF FARRELL	02	12:55.61 Bill King	70	1:41.73 John Bleck	70	8:02.77 Thomas Mitchell	70
3:05.74 Dick Peterson	66	12:56.62 Fred Lehman	73	1:42.81 Milton Marks	73	8:29.11 Bill W Rodgers	71
3:09.04 Ernie Leskovitz	67	13:23.82 Ken Kimball	73	• 200 M. BREASTSTROKE		8:46.54 William Grohe	70
3:11.08 Steve Moseley	65	13:36.15 Don Baker	72	3:12.98 RONALD JOHNSON	03	9:18.84 Alister Murray	70
3:11.81 A Emory Haworth	67	13:50.10 Myron W Lockey	72	3:12.98 Ron Johnson	72		
3:12.04 David Painter	65	14:25.24 Thomas Mitchell	70	3:37.10 Myron W Lockey	72	MEN 75-79	
3:12.21 Cav Cavanaugh	68	14:41.87 James Pitts	73	3:37.58 Norman Stupfel	71	• 50 M. FREESTYLE	
3:19.98 Barry Fasbender	66	15:15.95 William Grohe	70	3:39.20 John Bleck	70	31.06 FRANK PIEMME	01
3:26.65 Landon Kirchner	65	• 1500 M. FREESTYLE		3:42.56 Donald Baker	72	32.26 Frank Piemme	78
3:40.62 Phil Cherry	65	20:54.56 GRAHAM JOHNSTON	01	3:45.90 Walter J Lincoln	70	34.71 Al Craig	76
3:45.65 Alan Johnson	66	22:59.72 Graham Johnston	72	3:53.35 Milton Marks	73	36.01 Robert S Blake	79
• 400 M. INDIVIDUAL MEDLEY		24:20.93 Robert Mayo	70	3:57.32 Thomas Mitchell	70	36.41 Donald Hubbard	76
6:04.40 GRAHAM JOHNSTON	96	24:39.77 Fred Lehman	73	3:59.31 Ed Farrell	71	36.71 Dale Webster	77
6:42.77 Ernie Leskovitz	67	24:59.00 Bill King	70	4:21.88 David Gregg	70	38.17 Jordan Wolle	75
6:50.56 Dick Peterson	66	25:40.15 Myron W Lockey	72	• 50 M. BUTTERFLY		39.89 John Reese	78
6:52.52 David Painter	65	27:13.68 Barney Hungerford	71	32.57 RONALD JOHNSON	01	40.19 Frank B Samoya	77
7:01.73 Barry Fasbender	66	27:32.84 Donald J Baker	72	33.12 Ron Johnson	72	40.82 Robert Sigersmith	79
7:05.54 Dren Geer	69	27:49.59 Thomas Mitchell	70	35.78 Herb Kern	71	40.93 Robert H Stricker	75
7:18.30 Alan Hale	65	28:00.24 Ken Kimball	73	37.33 Burwell Jones	70		
7:24.09 Robert Fox	66	28:14.59 Mitch Jacque	74	37.52 Clarke Mitchell	71	• 100 M. FREESTYLE	
7:41.33 John Sulzbach	69	• 50 M. BACKSTROKE		37.88 Hal Begel	74	1:11.55 FRANK PIEMME	00
8:31.56 David Gladfelter	67	33.90 YOSHI OYAKAWA	03	38.12 Bob Best	71	1:17.04 Frank Piemme	78
8:54.32 Sam Chilton	69	33.90 Yoshi Oyakawa	70	40.14 Alan Rapperport	70	1:23.71 Robert S Blake	79
		36.25 Burwell Jones	70	40.44 C Weatherbee	71	1:26.06 Dale Webster	77
MEN 70-74		37.00 Ron Johnson	72	41.20 Graham Johnston	72	1:27.66 Jordan Wolle	75
• 50 M. FREESTYLE		38.05 Clarke Mitchell	71	41.28 Parry O'Brien	71	1:31.06 Harvey Prosser	75
28.55 RONALD JOHNSON	03	39.37 George Gfroerer	70	• 100 M. BUTTERFLY		1:33.12 Donald Hubbard	76
28.55 Ron Johnson	72	39.60 Horace Knowlton	74	1:19.51 RONALD JOHNSON	01	1:33.32 Robert H Stricker	75
32.24 Donald Baker	72	39.91 Lee Anderson	73	1:20.54 Ron Johnson	72	1:33.42 Frank B Samoya	77
32.99 Alan Rapperport	70	40.01 Alan S Rapperport	70	1:30.17 Herb Kern	71	1:34.23 Charlie Randall	75
33.14 Graham Johnston	72	40.94 Ken Kimball	73	1:40.27 Bob Best	71	1:34.28 Don Stupfel	75
33.32 Robert Mayo	70	42.19 Stan McConnell	72	1:48.54 H Donald Messer	72	• 200 M. FREESTYLE	
33.38 John Ries	72	• 100 M. BACKSTROKE		1:48.55 Parry O'Brien	71	2:47.43 FRANK PIEMME	00
33.45 Gene C Ferguson	71	1:15.85 YOSHI OYAKAWA	03	1:48.89 Donald Baker	72	3:01.73 Frank Piemme	78
33.47 Clarke Mitchell	71	1:15.85 Yoshi Oyakawa	70	1:51.79 Thomas Mitchell	70	3:11.17 Duane Draves	77
33.49 Norman Stupfel	71	1:16.73 Burwell Jones	70	1:57.16 Bill W Rodgers	71	3:18.88 Jordan Wolle	75
34.01 Nicholas P Demas	73	1:25.96 Robert Mayo	70	1:59.40 John Bauman	73	3:20.71 Mo Mathews	76
• 100 M. FREESTYLE		1:25.97 Clarke Mitchell	71	2:09.84 William Grohe	70	3:24.45 Robert S Blake	79
1:06.26 GRAHAM JOHNSTON	01	1:27.09 Horace Knowlton	74	• 200 M. BUTTERFLY		3:25.66 Lee Arth	78
1:09.77 Burwell Jones	70	1:27.53 Alan Rapperport	70	3:15.19 RONALD JOHNSON	02	3:26.69 Harvey Prosser	75
1:11.41 Graham Johnston	72	1:28.58 Bob Best	71	3:35.71 Herb Kern	71	3:27.36 Robert H Stricker	75
1:12.11 John Ries	72	1:29.41 George Gfroerer	70	4:15.94 Bill W Rodgers	71	3:32.90 John Daily	76
1:12.78 Alan Rapperport	70	1:32.11 Stan McConnell	72	4:19.98 H Donald Messer	72	3:35.73 Don Stupfel	75
1:14.32 Donald Baker	72	1:32.92 Ken Kimball	73	4:20.83 Parry O'Brien	71	• 400 M. FREESTYLE	
1:14.67 Robert Mayo	70	• 200 M. BACKSTROKE		4:41.01 William Grohe	70	6:01.32 FRANK PIEMME	00
1:15.01 Bill King	70	2:51.24 BURWELL JONES	03	5:22.78 Alister Murray	70	6:24.06 Frank Piemme	78
		2:51.24 Burwell Jones	70	• 100 M. INDIVIDUAL MEDLEY		6:58.86 Duane Draves	77

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7:08.07 Frank B Samoya 77	53.64 Jack Mitchell 76	400 M. INDIVIDUAL MEDLEY	49.38 Andrew Holden 84
7:08.61 Mo Mathews 76	53.64 George F Melick 79	6:59.68 FRANK PIEMME 00	49.93 Richard Avery 80
7:09.15 Lee Arth 78	100 M. BREASTSTROKE	7:44.85 Thomas O Maine 78	52.32 James Edwards 81
7:10.66 Jordan Wolle 75	1:35.87 ROBERT MACDONALD 03	12:58.27 Doug Strong 78	59.73 Elliott Schofield 81
7:16.47 Robert S Blake 79	1:35.87 Robert MacDonald 75	MEN 80-84	59.91 Darrell Werts 81
7:22.49 Don Korten 77	1:40.40 Frank Piemme 78		1:00.38 Norman Garsoe 80
7:26.71 Robert H Stricker 75	1:40.84 Fred Leipziger 75	50 M. FREESTYLE	1:01.54 Jack Huber 81
7:29.21 John Daily 76	1:43.05 Charles Urstadt 75	35.16 WOODROW BOWERSOCK 93	100 M. BACKSTROKE
800 M. FREESTYLE	1:47.36 Mo Mathews 76	37.72 Jurgen Schmidt 80	1:33.58 RAY TAFT 99
12:13.28 FRANK PIEMME 00	1:50.96 Paul Lowry 76	37.80 Andrew Holden 84	1:45.66 Rogers Holmes 82
13:25.96 Frank Piemme 78	2:00.55 J Van Reymersdal 76	38.94 Rogers Holmes 82	1:46.11 Jurgen Schmidt 80
13:46.74 Ed Kerswill 77	2:05.69 Don Korten 77	40.14 Gilbert Young 81	1:50.75 Clarence Webb 81
13:49.21 Harvey Prosser 75	2:06.42 Lee Arth 78	41.31 Darrell Werts 81	1:52.60 James Edwards 81
14:40.17 Frank B Samoya 77	2:08.15 Harvey Prosser 75	42.19 Richard Avery 80	1:54.80 Andrew Holden 84
14:59.38 Jordan Wolle 75	200 M. BREASTSTROKE	44.19 Clarence Webb 81	2:06.10 Richard Avery 80
15:36.93 Robert H Stricker 75	3:29.54 AL CRAIG 03	47.39 Andrew M Weiss 82	2:09.77 Norman Garsoe 80
16:01.57 Donald Hubbard 76	3:29.54 Al Craig 76	49.82 Jack Huber 81	2:14.67 Richard Wood 82
16:07.11 John Daily 76	3:41.95 Robert MacDonald 75	50.12 Imre Schmidt 83	2:16.62 Elliott Schofield 81
16:41.42 Don Stupfel 75	3:49.58 Frank Piemme 78	100 M. FREESTYLE	2:16.90 Walter A Lynch 82
16:58.32 Earl Terp 76	3:50.57 Fred Leipziger 75	1:20.65 WOODROW BOWERSOCK 93	200 M. BACKSTROKE
1500 M. FREESTYLE	3:57.41 Biff Lowry 76	1:28.03 Jurgen Schmidt 80	3:23.73 RAY TAFT 99
24:22.70 FRANK PIEMME 00	3:58.54 Thomas Maine 78	1:30.23 Andrew Holden 84	3:56.27 Rogers Holmes 82
27:15.38 Harvey Prosser 75	3:59.36 Mo Mathews 76	1:30.82 Gilbert Young 81	4:00.55 Jurgen Schmidt 80
27:45.92 Don Korten 77	3:59.79 Charles Urstadt 75	1:44.44 Darrell Werts 81	4:06.10 Clarence Webb 81
28:02.76 Jordan Wolle 75	4:06.38 Lee Arth 78	1:45.11 Andrew M Weiss 82	4:07.52 James Edwards 81
29:39.54 Frank Samoya 77	4:42.63 George F Melick 79	1:45.78 Richard Avery 80	4:29.65 Richard Avery 80
29:56.05 Lewis Patrie 75	50 M. BUTTERFLY	1:46.87 Clarence Webb 81	4:31.84 Norman Garsoe 80
30:17.30 Robert H Stricker 75	34.83 FRANK PIEMME 00	1:55.65 Imre Schmidt 83	5:26.94 Jack Huber 81
30:45.00 John Daily 76	38.52 Frank Piemme 78	1:55.79 Jack Huber 81	5:34.61 Elliott Schofield 81
31:34.17 Don Stupfel 75	43.33 Fred Leipziger 75	2:00.88 Hal Young 82	5:51.56 Jay Charles 81
31:45.40 Robert Sigersmith 79	47.15 William Seligmann 78	200 M. FREESTYLE	5:57.39 Fred Rogers 80
33:09.42 Fred H Goldner 77	47.81 Dale Webster 77	3:00.63 RAY TAFT 99	50 M. BREASTSTROKE
50 M. BACKSTROKE	47.87 Donald Hubbard 76	3:12.82 Jurgen Schmidt 80	45.40 MAX VON ISSER 99
38.38 PAUL HUTINGER 99	51.06 Jack Mitchell 76	3:23.31 Gilbert Young 81	51.31 Tom F Dowell 81
42.42 Paul Hutinger 79	53.29 Art Kelley 78	3:30.58 James Edwards 81	55.45 Richard Avery 80
43.32 Duane Draves 77	55.54 Bob L Risley 76	3:58.15 Clarence Webb 81	55.54 Andrew Holden 84
44.92 Dale Webster 77	56.20 Harvey Prosser 75	4:22.30 Richard Avery 80	56.33 Abrasha Brainin 81
47.42 Jack Mitchell 76	1:02.43 John Reese 78	4:22.62 Darrell Werts 81	56.90 Norman Garsoe 80
48.21 Biff Lowry 76	100 M. BUTTERFLY	4:26.81 Hal Young 82	58.34 Walter A Lynch 82
49.19 Don Stupfel 75	1:35.41 FRANK PIEMME 00	4:39.12 Jack Huber 81	59.25 Clarence Webb 81
50.22 Mo Mathews 76	1:44.41 Robert MacDonald 75	5:21.73 Herb Siegel 81	1:01.15 Tom Mc Call 81
52.36 Robert Williams 76	1:44.87 Thomas O Maine 78	6:04.51 Elliott Schofield 81	1:01.23 Darrell Werts 81
53.17 Bob L Risley 76	1:46.21 Frank Piemme 78	400 M. FREESTYLE	1:11.20 Jim Scherbarth 80
53.97 Harrison Homans 75	2:04.62 Harvey Prosser 75	6:27.60 RAY TAFT 99	100 M. BREASTSTROKE
100 M. BACKSTROKE	2:05.34 Jack Mitchell 76	6:54.04 Jurgen Schmidt 80	1:43.54 MAX VON ISSER 99
1:25.13 PAUL HUTINGER 00	2:10.13 Donald Hubbard 76	7:55.34 James Edwards 81	2:08.71 Norman Garsoe 80
1:35.58 Duane Draves 77	2:10.68 Art Kelley 78	9:03.30 Clarence Webb 81	2:12.71 Clarence Webb 81
1:36.52 Paul Hutinger 79	3:47.23 William Bresko 75	9:17.43 Darrell Werts 81	2:12.86 Abrasha Brainin 81
1:37.34 Dale Webster 77	200 M. BUTTERFLY	9:24.60 Richard Avery 80	2:16.51 Tom Mc Call 81
1:39.46 William F Haynes 77	3:39.51 TOM MAINE 02	9:59.02 Zygmunt Kasner 80	2:20.91 Walter A Lynch 82
1:50.86 Paul Lowry 76	3:50.02 Thomas O Maine 78	10:20.86 Jack Huber 81	2:38.65 Imre Schmidt 83
1:53.26 Don Stupfel 75	4:30.90 Frank Piemme 78	10:20.96 Bob Doud 80	3:14.28 Jack Huber 81
1:53.41 George F Melick 79	5:15.61 Art Kelley 78	10:47.53 William J Campbell 81	3:32.29 Norman Rothbart 80
1:55.85 Jack Mitchell 76	8:03.89 Doug Strong 78	11:07.56 Rupert Fixott 82	3:45.50 Lester Bell 82
1:55.99 Lewis Patrie 75	100 M. INDIVIDUAL MEDLEY	800 M. FREESTYLE	200 M. BREASTSTROKE
1:57.37 Robert Williams 76	1:24.42 FRANK PIEMME 00	13:29.27 RAY TAFT 99	3:58.96 ALDO DA ROSA 98
200 M. BACKSTROKE	1:31.26 Frank Piemme 78	14:05.05 Jurgen Schmidt 80	4:37.04 Norman Garsoe 80
2:58.21 ROGER FRANKS 02	1:32.03 Fred Leipziger 75	18:40.22 Clarence Webb 81	4:46.16 Tom Mc Call 81
3:45.15 Paul Hutinger 79	1:33.34 Robert MacDonald 75	19:16.21 Peter V Lee 80	4:48.94 Richard Avery 80
3:54.43 Thomas Maine 78	1:40.49 Dale Webster 77	20:25.77 Zygmunt Kasner 80	4:53.74 Abrasha Brainin 81
3:57.63 Lee Arth 78	1:41.62 William F Haynes 77	24:04.90 Vladimir Ouchakoff 80	5:12.99 Walter A Lynch 82
3:58.85 Dale Webster 77	1:58.93 Lewis Patrie 75	25:35.01 RAY TAFT 99	6:12.53 Jay Charles 81
3:59.42 Paul Lowry 76	1:59.24 Bob L Risley 76	27:07.79 Jurgen Schmidt 80	6:39.57 Peter V Lee 80
4:08.58 Jack Mitchell 76	2:02.31 Jack Mitchell 76	29:07.77 Gilbert Young 81	7:58.94 Norman Rothbart 80
4:16.08 Don Stupfel 75	2:06.88 Robert Williams 76	33:13.05 Tom Mc Call 81	9:20.02 T R Johnson 81
4:24.39 Lou Silverstein 77	2:12.48 Joaquin Silverio 77	35:27.59 Peter V Lee 80	50 M. BUTTERFLY
4:26.42 Robert Williams 76	200 M. INDIVIDUAL MEDLEY	36:25.48 Clarence Webb 81	41.87 ANDREW HOLDEN 99
4:37.79 Joaquin Silverio 77	3:16.44 FRANK PIEMME 00	40:30.50 Hal Young 82	44.70 Andrew Holden 84
50 M. BREASTSTROKE	3:33.32 Frank Piemme 78	43:26.24 Joseph Mallon 82	46.43 Rogers Holmes 82
42.40 CHARLES URSTADT 03	3:34.96 Robert MacDonald 75	44:58.46 Herb Siegel 81	48.23 Jurgen Schmidt 80
42.40 Charles Urstadt 75	3:42.50 Thomas O Maine 78	49:49.35 Elliott Schofield 81	58.94 Tom F Dowell 81
43.42 Robert MacDonald 75	4:02.01 Don Korten 77	50 M. BACKSTROKE	1:02.02 Clarence Webb 81
44.21 Fred Leipziger 75	4:07.55 Harvey Prosser 75	42.96 RAY TAFT 99	1:37.02 Vladimir Ouchakoff 80
44.31 Al Craig 76	4:23.06 Donald Hubbard 76	45.62 Rogers Holmes 82	1:55.36 Norman Rothbart 80
48.16 John Reese 78	4:29.64 Art Kelley 78	48.75 Jurgen Schmidt 80	2:54.15 Robert McDermott 81
48.23 Mo Mathews 76	4:56.47 Graham Judson 75	49.12 Clarence Webb 81	100 M. BUTTERFLY
48.24 Paul Lowry 76	5:01.86 Robert Williams 76		1:50.39 ANTON CERER 97
49.37 J Van Reymersdal 76	5:18.83 Keith Burbridge 75		2:01.64 Andrew Holden 84

2003 Short-Course Meters - Top-Ten Individuals

2:11.87 Jurgen Schmidt 80	29:55.69 JIM EUBANK 00	41.07 WOODROW BOWERSOCK 03	10:51.93 GUS LANGNER 98
2:51.50 Bob Doud 80	39:09.21 Lynn Surlis 86	41.07 Woody Bowersock 90	NO SWIMMERS
3:18.57 Jay Charles 81	41:06.34 William Johnston 85	56.24 L Gene Crosset 90	▪ 800 M. FREESTYLE
3:52.68 Vladimir Ouchakoff 80	▪ 50 M. BACKSTROKE	1:37.07 Henning Anderson 91	22:05.55 GUS LANGNER 98
4:13.17 T R Johnson 81	47.34 ALDO DA ROSA	2:11.15 Clarence Hamilton 90	NO SWIMMERS
▪ 200 M. BUTTERFLY	51.27 John Merrill 86	▪ 100 M. FREESTYLE	▪ 1500 M. FREESTYLE
4:00.64 ANTON CERER 97	56.24 Tom Haver 85	1:39.26 WOODROW BOWERSOCK 03	41:29.87 GUS LANGNER 98
6:15.79 Bob Doud 80	57.00 John White 87	1:39.26 Woody Bowersock 90	NO SWIMMERS
7:13.42 Jay Charles 81	1:04.42 Jim Triolo 89	2:09.76 L Gene Crosset 90	▪ 50 M. BACKSTROKE
8:52.12 Vladimir Ouchakoff 80	1:07.03 Brud Cleaveland 86	▪ 200 M. FREESTYLE	1:27.67 GUS LANGNER 98
9:14.16 T R Johnson 81	1:08.62 Albert Fisher 87	3:59.28 WOODROW BOWERSOCK 03	NO SWIMMERS
▪ 100 M. INDIVIDUAL MEDLEY	1:12.41 William Johnston 85	3:59.28 Woody Bowersock 90	▪ 100 M. BACKSTROKE
1:35.31 RAY TAFT 99	1:13.78 Frank Tillotson 89	4:41.18 L Gene Crosset 90	3:38.07 GUS LANGNER 98
1:44.10 Jurgen Schmidt 80	▪ 100 M. BACKSTROKE	6:39.96 Boyd Campbell 93	NO SWIMMERS
1:47.90 Andrew Holden 84	1:48.79 ALDO DA ROSA 02	▪ 400 M. FREESTYLE	▪ 200 M. BACKSTROKE
1:51.03 Rogers Holmes 82	1:55.88 John Merrill 86	8:50.65 GUS LANGNER 93	8:32.34 GUS LANGNER 98
1:57.67 Clarence Webb 81	2:06.45 John White 87	9:37.35 Woody Bowersock 90	NO SWIMMERS
2:09.27 Tom Mc Call 81	2:19.87 Tom Haver 85	10:07.77 L Gene Crosset 90	▪ 50 M. BREASTSTROKE
2:37.16 Richard Wood 82	2:26.19 Jim Triolo 89	▪ 800 M. FREESTYLE	1:31.60 GUS LANGNER 98
2:41.32 Bob Doud 80	2:36.50 Albert Fisher 87	19:31.83 WOODROW BOWERSOCK 03	NO SWIMMERS
2:43.47 Jay Charles 81	2:48.85 William Johnston 85	19:31.83 Woody Bowersock 90	▪ 100 M. BREASTSTROKE
2:55.95 Jim Scherbarth 80	2:48.97 Frank Tillotson 89	▪ 1500 M. FREESTYLE	3:35.33 GUS LANGNER 98
2:58.13 Vladimir Ouchakoff 80	2:51.92 Brud Cleaveland 86	40:49.23 WOODROW BOWERSOCK 03	NO SWIMMERS
▪ 200 M. INDIVIDUAL MEDLEY	▪ 200 M. BACKSTROKE	40:49.23 Woody Bowersock 90	▪ 200 M. BREASTSTROKE
3:37.04 RAY TAFT 99	4:00.80 ALDO DA ROSA 02	▪ 50 M. BACKSTROKE	7:29.31 GUS LANGNER 98
4:01.06 Jurgen Schmidt 80	4:17.19 John Merrill 86	59.12 WOODROW BOWERSOCK 03	NO SWIMMERS
4:32.48 Tom Mc Call 81	5:17.04 Tom Haver 85	57.09 Woody Bowersock 90NV	▪ 100 M. INDIVIDUAL MEDLEY
4:34.43 Clarence Webb 81	5:23.22 John White 87	2:04.65 Clarence Hamilton 90	3:33.98 GUS LANGNER 98
6:05.79 Jay Charles 81	5:31.98 Jim Triolo 89	2:28.15 Henning Anderson 91	NO SWIMMERS
6:24.30 Vladimir Ouchakoff 80	5:41.00 Brud Cleaveland 86	▪ 100 M. BACKSTROKE	
8:13.82 T R Johnson 81	5:46.23 Albert Fisher 87	2:06.00 WOODROW BOWERSOCK 03	MEN 100-104
8:14.56 Robert McDermott 81	5:53.29 Frank Tillotson 89	2:06.00 Woody Bowersock 90	
▪ 400 M. INDIVIDUAL MEDLEY	6:04.93 William Johnston 85	▪ 200 M. BACKSTROKE	▪ 50 M. FREESTYLE
7:37.58 RAY TAFT 99	▪ 50 M. BREASTSTROKE	4:47.45 WOODROW BOWERSOCK 03	2:06.66 TOM LANE 95
8:33.86 Jurgen Schmidt 80	50.99 PAUL KRUP 02	4:47.45 Woody Bowersock 90	NO SWIMMERS
10:03.80 Tom Mc Call 81	52.65 Paul Krup 86	▪ 50 M. BREASTSTROKE	▪ 100 M. FREESTYLE
13:07.05 Jay Charles 81	56.27 Brud Cleaveland 86	1:07.22 JIM PENFIELD 98	4:32.29 TOM LANE 95
13:23.15 Vladimir Ouchakoff 80	1:00.86 William Johnston 85	2:11.10 Clarence Hamilton 90	NO SWIMMERS
17:22.50 T R Johnson 81	1:14.58 Austin F Newman 88	▪ 100 M. BREASTSTROKE	▪ 50 M. BACKSTROKE
	1:35.39 Albert Fisher 87	2:45.20 JIM PENFIELD 98	2:02.52 TOM LANE 95
	2:01.21 Frank Tillotson 89	2:46.31 Walt Pfeiffer 90	NO SWIMMERS
MEN 85-89	▪ 100 M. BACKSTROKE	▪ 200 M. BREASTSTROKE	
▪ 50 M. FREESTYLE	1:56.21 ALDO DA ROSA 02	5:58.17 WALTER PFEIFFER 03	
36.61 JIM EUBANK 00	2:18.24 Brud Cleaveland 86	5:58.17 Walt Pfeiffer 90	
37.96 William Johnston 85	2:32.03 William Johnston 85	▪ 50 M. BUTTERFLY	
43.18 Brud Cleaveland 86	4:33.67 Frank Tillotson 89	56.09 WALTER PFEIFFER 03	
46.38 Lynn Surlis 86	▪ 200 M. BREASTSTROKE	56.09 Walt Pfeiffer 90	
1:04.81 Maurice M Stern 87	4:16.20 ALDO DA ROSA 02	2:25.23 Clarence Hamilton 90	
1:17.50 Albert Fisher 87	5:18.09 Brud Cleaveland 86	▪ 100 M. BUTTERFLY	
1:18.90 Frank Tillotson 89	5:46.89 William Johnston 85	2:21.82 WALTER PFEIFFER 03	
▪ 100 M. FREESTYLE	6:01.23 Austin F Newman 88	2:21.82 Walt Pfeiffer 90	
1:23.20 JIM EUBANK 00	9:03.01 Frank H Tillotson 89	▪ 200 M. BUTTERFLY	
1:46.08 William Johnston 85	▪ 50 M. BUTTERFLY	5:37.23 WALTER PFEIFFER 03	
1:49.67 Brud Cleaveland 86	52.74 WALTER PFEIFFER 98	5:37.23 Walt Pfeiffer 90	
1:50.17 Lynn Surlis 86	54.23 Paul Krup 86	▪ 100 M. INDIVIDUAL MEDLEY	
1:51.65 Austin F Newman 88	57.12 William Johnston 85	2:14.23 WALTER PFEIFFER 03	
2:06.29 Jim Triolo 89	▪ 100 M. BUTTERFLY	2:14.23 Walt Pfeiffer 90	
2:22.24 Maurice M Stern 87	2:04.50 WALTER PFEIFFER 98	2:28.50 Woody Bowersock 90	
▪ 200 M. FREESTYLE	2:15.74 Paul Krup 86	4:27.94 Clarence Hamilton 90	
3:13.45 JIM EUBANK 00	2:37.89 William Johnston 85	▪ 200 M. INDIVIDUAL MEDLEY	
4:26.57 William Johnston 85	▪ 200 M. BUTTERFLY	5:13.24 WALTER PFEIFFER 03	
4:26.78 Lynn Surlis 86	4:49.10 WALTER PFEIFFER 98	5:13.24 Walt Pfeiffer 90	
4:44.00 Brud Cleaveland 86	6:10.72 William Johnston 85	▪ 400 M. INDIVIDUAL MEDLEY	
4:44.35 Jim Triolo 89	▪ 100 M. INDIVIDUAL MEDLEY	11:15.65 WALTER PFEIFFER 03	
5:33.76 Maurice M Stern 87	2:11.22 WOODROW BOWERSOCK 99	11:15.65 Walt Pfeiffer 90	
▪ 400 M. FREESTYLE	2:12.26 William Johnston 85		
7:19.94 JIM EUBANK 00	2:12.82 Brud Cleaveland 86	MEN 95-99	
8:53.26 John Merrill 86	3:33.34 Albert Fisher 87	▪ 50 M. FREESTYLE	
9:46.21 William Johnston 85	▪ 200 M. INDIVIDUAL MEDLEY	57.57 GUS LANGNER 98	
9:55.70 Jim Triolo 89	4:07.59 ALDO DA ROSA 02	NO SWIMMERS	
▪ 800 M. FREESTYLE	4:51.91 William Johnston 85	▪ 100 M. FREESTYLE	
15:15.68 JIM EUBANK 00	▪ 400 M. INDIVIDUAL MEDLEY	2:19.51 GUS LANGNER 98	
17:47.94 Austin F Newman 88	9:32.65 WALTER PFEIFFER 98	NO SWIMMERS	
19:04.68 William Johnston 85	11:07.74 William Johnston 85	▪ 200 M. FREESTYLE	
20:33.81 Lynn Surlis 86		5:13.46 GUS LANGNER 98	
20:41.46 Jim Triolo 89	MEN 90-94	NO SWIMMERS	
25:46.56 Frank Tillotson 89	▪ 50 M. FREESTYLE	▪ 400 M. FREESTYLE	
▪ 1500 M. FREESTYLE			

2003 Short-Course Meters - Top-Ten Relays

WOMEN'S RELAYS							
		K Wroblewski	20	Jenny Mooney	26		
		Heather San Bento	24	Lori Geisler	31	NANCY NORTH	
		E Reisenweber	24	E Reisenweber	24	DIANE GLEASON	
				Sam Cary	30	NEM	5:07.35
200 M. FREE REL WOMEN 76+		800 M. FREE REL WOMEN 76+		REDT	2:22.18	Jenny Mooney	26
NEW ENGLAND	1:54.83 99	NEW ENGLAND	9:20.85 02	Whitney M Drake	24	Lori Geisler	31
CORINNE MURPHY		REBEKAH LORENZ		Jodie L Friedman	22	Amy Wollish	20
LESLIE ALLEN		LAUREN FABIAN		Jackie Lee	23	Sam Cary	30
MICHELLE HACKMER		CHRISTEN DEVENEY		Abigail Falk	42	BMW	5:21.68
S STRINGFELLOW		JESSICA STOKES		GSM	2:30.72	Amy Lanigan	30
ARIZ	1:50.89NV	PENN	9:50.54	Stephanie Colbry	23	Karin Skaggs	31
April Beltran	23	Patricia Flynn	27	Nicole Marcus	26	Marissa Wong	25
Claire Hedenskog	23	Denise M Morales	23	Cheryl Shiber	36	Traci Kreppel	32
Camilla Johansson	29	Emily Mullet	23	Gita Roy	31	HSAM	5:40.29
Whitney Warman	20	Jillian Kist	23	ES	2:34.09	Nancy North	35
PENN	2:00.34	NEM	11:19.60	Kimberly Garland	28	Christine Gajoli	24
Denise M Morales	23	K Wroblewski	20	April M Adams	27	Emily Nicholson	19
Patricia Flynn	27	Erica O'Connell	23	Tracy O Phillips	28	Rebecca Jackman	40
Emily Mullet	23	Heather San Bento	24	Sarah A Groves	27		
Jillian Kist	23	Julianne Hellmuth	22	HSAM	2:36.19	800 M. FREE REL WOMEN 100+	
ISF	2:01.09	200 M. FREE REL WOMEN 100+		Nancy North	35	SAN DIEGO	9:16.40 95
Dahnja Geary	29	MICHIGAN	1:45.93 96	Christine Gajoli	24	VICKY DAVIDSON	
Jennifer Garman	23	DYNE BURRELL		Emily Nicholson	19	DIANNE GLEASON	
Erin McPeak	23	SUSIE DEVLIN		Alyssa Coe	30	MATHILDE BOUWMA	
Caroline Kilian	23	MARY MUETING		NCYM	2:41.05	NANCY NORTH	
GSM	2:07.95	SHEILA TAORMINA		Phoebe E Scheel	26	HSAM	10:13.90
Hanna Kim	25	BMW	2:06.76	Nancy N Chen	31	Surrena Lovell	37
Stephanie Colbry	23	Traci Kreppel	32	Victoria Anderson	23	Nancy North	35
Nicole Marcus	26	Marissa Wong	25	Julia Oppenheimer	38	Emily Nicholson	19
Emilie Hottat	19	Karin Skaggs	31	PARRIS ISLAND	3:07.77	Christine Gajoli	24
		Amy Lanigan	30	Kelly Scroggins	24	NEM	10:14.62
200 M. MEDLEY R WOMEN 76+		Movy	2:13.28	Cindy Benjamin	28	Jenny Mooney	26
NEW ENGLAND	2:09.67 99	Katherine C Mason	25	Shannon Taylor	22	Sam Cary	30
KATHERINE VEAZEY		Melinda Wulf	25	Laura Solomon	26	Lori Geisler	31
ELIZABETH BOEHM		Lisa Elsener	34	400 M. FREE REL WOMEN 100+		Amy Wollish	20
S STRINGFELLOW		Joy Stover	27	NEW ENGLAND	4:09.10 01	MVM	11:34.77
LESLIE ALLEN		PAFC	2:13.63	AMY DEVITO		Karla Rees	31
ARIZ	2:03.41NV	Betsy Collins	35	EMILY WANG		Lisa Barella	28
Camilla Johansson	29	Amy Chavez	28	JESSICA STOKES		Laura Mauer	26
April Beltran	23	Anmarie Winkis	25	S MORAWSKI		Linda Burchik	30
Claire Hedenskog	23	Colleen Roberts	29	METR	4:17.09	200 M. FREE REL WOMEN 120+	
Elizabeth Lightner	23	ES	2:15.52	Michelle Lemay	31	SAN DIEGO	1:53.26 96
PENN	2:21.78	April M Adams	27	Judy Oden	25	K PIPES-NEILSEN	
Denise M Morales	23	Kimberly Garland	28	Megan F Griffis	24	BETH KNIGHT	
Shannon Kelly	20	Sarah A Groves	27	Erin Abbey	22	MATHILDE BOUWMA	
Patricia Flynn	27	Tracy O Phillips	28	NEM	4:42.82	NANCY NORTH	
Emily Mullet	23	NEM	2:23.07	Sam Cary	30	ORLM	2:01.15
		Janet Lorang	22	Lori Geisler	31	Cathy Shonkweiler	43
400 M. FREE REL WOMEN 76+		Tara Gulla	30	Amy Wollish	20	Kim Rizzo	37
NEW ENGLAND	4:14.74 99	Lisa Natkin	32	Jenny Mooney	26	Linda Visser	33
S STRINGFELLOW		Sharon Cicchetti	33	HSAM	4:50.10	Kathy Marques	37
LESLIE ALLEN		PARRIS ISLAND	2:40.16	Nancy North	35	MELO	2:04.92
MICHELLE HACKMER		Shannon Taylor	22	Emily Nicholson	19	Susie Grant	35
CORINNE MURPHY		Laura Solomon	26	Alyssa Coe	30	Tasha Capen	37
PENN	4:23.59	Kelly Scroggins	24	Christine Gajoli	24	Lisa Sheeper	39
Denise M Morales	23	Cindy Benjamin	28	NEM	5:11.96	Jana Matena	41
Emily Mullet	23	200 M. MEDLEY R WOMEN 100+		Tara Gulla	30	1776	2:06.11
Patricia Flynn	27	SAN DIEGO	2:05.66 95	Jennifer Taylor	29	Erica Flickinger	25
Jillian Kist	23	VICKY DAVIDSON		Elizabeth Lowe	27	Michelle Pizzo	23
		MATHILDE BOUWMA		Katie Morrison	31	Esther S Chang	31
400 M. MEDLEY R WOMEN 76+		K PIPES-NEILSEN		MVM	5:30.80	Vibeke L Swanson	42
NEW ENGLAND	4:50.39 98	D MORTENSEN		Karla Rees	31	LYTA	2:07.62
CORINNE MURPHY		REDT	2:08.70	Lisa Barella	28	Monica L Hare	29
ELIZABETH BOEM		Kristin Gary	36	Linda Burchik	30	Kristin A Larson	37
KATHERINE VEAZEY		Christin Radcliff	29	Laura Mauer	26	Janet Siniscalchi	47
LESLIE ALLEN		Jennifer S Rissi	28	MICH	5:44.66	Suzanne Dearworth	31
PENN	5:11.72	Ngozi R Monu	22	Shannon Finn	23	GAJA	2:07.63
Denise M Morales	23	METR	2:11.13	Sheila King	43	Liesa Nichols	38
Shannon Kelly	20	Erin Abbey	22	Angela Paddock	33	Liz Myers	29
Emily Mullet	23	Megan F Griffis	24	Lisa Miller	20	Cathy Jones	32
Jillian Kist	23	Judy Oden	25	400 M. MEDLEY R WOMEN 100+		Jennifer Adley	25
NEM	5:39.21	Michelle Lemay	31	SAN DIEGO	4:41.95 97	BMW	2:08.22
Sarah Mooney	22	NEM	2:19.96	ALISON TERRY		Jan Keele	43
				K PIPES-NEILSEN		Krista Mathisen	31
						Felicia Ferlin	40
						Monique Petrov	34

2003 Short-Course Meters - Top-Ten Relays

<p>UTAH 2:08.41 Elizabeth Watkins 38 Nicci Van Dyke 25 Priscill Kawakami 53 Julie Bills 35</p> <p>GOLD 2:08.58 Anne G LaBorwit 53 Amy S Diebler 27 Elaine Joggerst 32 Celia C Devanney 46</p> <p>SWIM 2:10.62 Adrienne Seal 38 Betzy Borsheski 27 S Hammermeister 25 Michell DiGiacomo 35</p> <p>DYNA 2:11.82 Susannah Brothers 26 Cristienne Herron 34 Rebec Friedlander 37 Cece Carlton 48</p> <p>200 M. MEDLEY R WOMEN 120+</p> <p>SAN DIEGO 2:05.27 94 VICKY DAVIDSON MATHILDE BOUWMA KARLYN PIPES BETH KNIGHT</p> <p>ARIZ 2:06.82 Marika McCue 40 Louise Martin 34 Laura Von Gluck 33 Tere Derbez 31</p> <p>NEM 2:15.81 Nicole Benson 29 Kerin Elisens 26 Carol Prescott 34 Tara McGarr 31</p> <p>MVN 2:16.54 Margaret Reilly 34 Jennifer Richter 35 Lisa Augerson 40 Danah Jones 32</p> <p>GSM 2:17.92 Amy S Carow 42 Laurie DiTommaso 41 Rebecca Kalibat 40 S Koppenwallner 27</p> <p>ORLM 2:20.09 Niki Downs 26 Linda Visser 33 Kim Rizzo 37 Kathy Marques 37</p> <p>SDSM 2:22.43 Carolina Sandoval 24 Laura Galinson 40 Patricia Thomas 45 Rebecca Leshar 33</p> <p>TSUN 2:24.44 Falk Cammin 43 Alissa Perrucci 33 Carrie Smith 27 Lisa Congdon 35</p> <p>GERM 2:26.70 Denise L Noznesky 37 Amy B Cooley 47 Jennifer L Owen 27 Shari K Yesnick 37</p> <p>NORTH CAROLINA 2:27.61 Sarah Katz 24 Adrienne Kramer 38 Ruth Battie 41 Abby Walker 28</p> <p>HLJ 2:27.71 Amy Keenar 27 Jean Bancks 47 Karen Ehlen 26 Sarah Balke 27</p>	<p>400 M. FREE REL WOMEN 120+</p> <p>SAN DIEGO 4:11.50 94 BETH KNIGHT MATHILDE BOUWMA VICKY DAVIDSON KARLYN PIPES</p> <p>NEM 4:30.39 Nicole Benson 29 Tara McGarr 31 Kerin Elisens 26 Carol Prescott 34</p> <p>1776 4:39.86 Michelle Pizzo 23 Erica Flickinger 25 Laurie Hug 38 Vibeke L Swanson 42</p> <p>UTAH 4:40.68 Elizabeth Watkins 38 Nicci Van Dyke 25 Priscill Kawakami 53 Julie Bills 35</p> <p>SDSM 4:41.64 Patricia Thomas 45 Annette Bernier 41 Laura Galinson 40 Carolina Sandoval 24</p> <p>TSUN 4:42.63 Lisa Congdon 35 Falk Cammin 43 Alissa Perrucci 33 Carrie Smith 27</p> <p>MVM 4:47.12 Misa Sugiura 34 Amy Errington 31 Kathy Hoerber 35 Susan Donahue 43</p> <p>SOBA 4:57.90 Angie Richardson 23 Betsy Snyder 34 Cynthia Snyder 38 Kathleen Davids 39</p> <p>ART 5:01.18 Amira Jarmakani 29 Lisa Capicik 35 Rae DeWoody 40 Andrea Timpeiro 37</p> <p>GAJA 5:03.59 Liesa Nichols 38 Cathy Jones 32 Liz Myers 29 Jennifer Adley 25</p> <p>MVN 5:04.04 Meg Reilly 34 Jennifer Richter 35 Joy Leutner 45 Lisa Augerson 40</p> <p>400 M. MEDLEY R WOMEN 120+</p> <p>PATRIOT 4:35.13 02 B CLIFFORD-DICKS M MIDDLEMORE H COULSON-MOORE CHERYL WARD</p> <p>1776 5:09.46 Patty Webb 46 Laurie Hug 38 Vibeke L Swanson 42 Erica Flickinger 25</p> <p>MELO 5:22.26 Jana Matena 41 Lisa Sheeper 39 Tasha Capen 37 Susie Grant 35</p> <p>SDSM 5:25.46 Annette Bernier 41</p>	<p>Laura Galinson 40 Patricia Thomas 45 Rebecca Leshar 33</p> <p>TSUN 5:26.19 Falk Cammin 43 Carrie Smith 27 Alissa Perrucci 33 Lisa Congdon 35</p> <p>UTAH 5:26.83 Nicci Van Dyke 25 Elizabeth Watkins 38 Julie Bills 35 Priscill Kawakami 53</p> <p>GAJA 5:32.85 Jennifer Adley 25 Cathy Jones 32 Liz Myers 29 Liesa Nichols 38</p> <p>MVN 5:35.78 Joy Leutner 45 Margaret Reilly 34 Tami Engel 40 Lisa Augerson 40</p> <p>BMW 5:37.60 Monique Petrov 34 Jan Keele 43 Kimberly Bacino 34 Krista Mathisen 31</p> <p>NEM 6:07.38 Lyn Duncan 42 Janet Lorang 22 Lisa Natkin 32 Edie Jirak 48</p> <p>MOVY 6:07.93 Susan J Blattner 46 Kelly L Brown 44 Lisa Elsener 34 Joy Stover 27</p> <p>800 M. FREE REL WOMEN 120+</p> <p>SAN DIEGO 9:05.72 96 NANCY NORTH D MORTENSEN BETH KNIGHT K PIPES-NEILSEN</p> <p>MVM 9:57.27 Susan Donahue 43 Amy Errington 31 Kathy Hoerber 35 Misa Sugiura 34</p> <p>MVN 10:10.20 Margaret Reilly 34 Lisa Augerson 40 Joy Leutner 45 Tami Engel 40</p> <p>HSAM 10:14.91 S Lovell-Hampton 37 Nancy A North 35 Patty M Starks 43 Cindy Clarke 28</p> <p>GAJA 10:18.18 Liesa Nichols 38 Liz Myers 29 Cathy Jones 32 Jennifer Adley 25</p> <p>WH20 12:36.03 Cynthia McGuineas 44 Mary Church 53 Mia Scampini 25 Susan Trainer 26</p> <p>PWM 13:20.12 Liz Thomovsky 28 Monika Hill 33 Danielle Porreca 33 Mary Kopistecki 49</p> <p>DCAC 14:26.04 Christina West 27</p> <p>Sarah Preis 25 Marilyn Redman 47 Rebecca Halbe 44</p> <p>200 M. FREE REL WOMEN 160+</p> <p>SAN DIEGO 1:53.36 03 JANET COOVER CAROLINE KRATTLI VICKY DAVIDSON K PIPES-NEILSEN</p> <p>SDSM 1:53.36 Janet Coover 40 Vicky Davidson 39 Caroline Krattli 41 K Pipes-Neilsen 41</p> <p>GOLD 2:04.68 Peggy McDonnell 48 Celia Devanney 46 Anne Laborwit 53 Birgit Lohberg 38</p> <p>MVN 2:10.24 Tami Engel 40 Joy Leutner 45 Ellyn Mari Cahill 41 Margaret Reilly 34</p> <p>RHMS 2:13.81 Felicia Eriksen 47 Betsy Ross 37 Cassandra Coffee 42 Cathy Dial 43</p> <p>ISF 2:14.99 Joan Byrne 49 C Gettelfinger 46 Bridget Bailie 34 Chris Pedersen 45</p> <p>NEM 2:17.41 Jacki Hirsty 51 Kathy Scanlon 50 Erica O'Connell 22 Kate Farrington 44</p> <p>MICH 2:17.46 Jenny Domino 26 Nancy Hnat 48 Maddie Diedo 45 Anne M Phillips 42</p> <p>HIMA 2:18.15 Kathy Shipman 42 Janet Renner 42 Jocelyn Demirbag 41 Susie Baker 55</p> <p>NEM 2:20.17 Katharin Connolly 44 Susan Sotir 35 Renee Halliday 43 Wyske Kingma 41</p> <p>ART 2:20.23 Andrea Timpeiro 37 Michelle Martin 54 Rae DeWoody 40 Lisa Capicik 35</p> <p>200 M. MEDLEY R WOMEN 160+</p> <p>SAN DIEGO 2:06.09 03 K PIPES-NEILSEN CAROLINE KRATTLI VICKY DAVIDSON JANET COOVER</p> <p>SDSM 2:06.09 K Pipes-Neilsen 41 Caroline Krattli 41 Vicky Davidson 39 Janet Coover 40</p> <p>ART 2:08.46 Rae DeWoody 40 Micol Seigel 35 Lisa Capicik 35</p>
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2003 Short-Course Meters - Top-Ten Relays

Michelle Martin	54	Keri Boyle	30	Christi Amato	44	Mina P Kushner	48
ANCM	2:14.30	DCAC	6:20.06	Tammi Cavanaugh	40	Myriam Pero	54
L Van Pelt-Diller	45	Molly Lohman	26	Beth McKenna	41	METR	3:02.11
Therese Kominski	36	Ellyn Vail	54	Daniele Zimmerman	40	Jane Katz	60
Elisabeth-E Deal	39	Marilyn Redman	47			Pat Berland	54
April Oliver	42	Amy Oggel	33			Sharon M Snyder	45
GOLD	2:18.07			200 M. FREE REL WOMEN 200+		Frances E Hare	53
Peggy McDonnell	48	400 M. MEDLEY R WOMEN 160+		SAN DIEGO	2:04.54 03	WMAC	3:04.35
Debbie Cavanaugh	45			K PIPES-NEILSEN		Jane Stewart	61
Birgit Lohberg	38	SAN DIEGO	4:43.31 98	CAROLINE KRATTLI		Candy Christenson	56
Celia Devanney	46	K PIPES-NEILSEN		LYNNE LUND		Nancy Kranpitz	58
MVN	2:23.40	CAROLINE KRATTLI		JACKIE MARR		Germaine Havel	55
Joy Leutner	45	BARBARA DUNBAR		SDSM	2:04.54	GSM	3:05.37
Colleen Chandler	44	BETH KNIGHT		K Pipes-Neilsen	41	Millicent Kaplan	48
Margaret Reilly	34	HLJ	5:25.51	Caroline Krattli	41	Barbara Rosenbaum	62
Tami Engel	40	Sara Bailey	23	Lynne Lund	63	Holly M Houston	51
FCMS	2:32.67	Jeanne Siragusa	43	Jackie Marr	60	Judy I Ramirez	45
Kay F Tidmore	48	Jean Bancks	47	GOLD	2:19.97	FINS	3:06.58
Margie M Connolly	42	Kimberly Wise	47	June Krauser	77	Beverly Salvetti	66
Helen McCarthy	52	SWIM KENTUCKY	5:35.17	Debbie Cavanaugh	45	Mary G Gladney	48
Michele M Yagi	35	Amy Pope	43	Birgit Lohberg	38	Kay G Haddad	51
1776	2:35.71	Mary Chris Curl	46	Tanya M Hanson	42	Billie B Davison	48
Patty Webb	46	Pam Martin	46	MELO	2:25.95	TEAM GREENVILLE	3:11.64
Janet Jastremski	55	Valerie Davisson	41	Virginia Langmuir	51	Kim Baxter	55
Vibeke L Swanson	42	NEM	6:02.86	Sue Mc Glennon	53	Charlott Thornton	46
Michelle Pizzo	23	Nancy Tunstall	41	Rebecca Pinto	48	Paula Sumpter	46
ARIZ	2:37.92	Louise Valois	41	Judy Strauss	49	Mary Lou Hill	55
Katy James	48	Jana Slezak	38	ANCM	2:32.22	DBMS	3:12.67
Lesley Evans	48	Gail Pentheny	41	Myriam Pero	54	Jean Sterling	67
Amy Mullaney	43	NEM	6:18.19	Kathy A Levintow	47	Carolyn Schwab	65
Sue Jurek	40	Page Wasson	50	Margot Pettijohn	57	Heather Butcher	31
ARIZ	2:44.47	Renee Halliday	43	Mina P Kushner	48	Jill Gerard	44
Alison Hall	35	Susan Sotir	35	GAJA	2:36.32		
Ellen Erick	24	Amy Skrobis	38	Sandy Skarsaune	60	400 M. FREE REL WOMEN 200+	
Nancy Kinney	74	BMW	6:19.38	Winifred Prall	56	GOLD	4:46.00 03
Shirley Chow	37	Felicia Ferlin	40	Teresa McDowell	53	PEGGY MCDONNELL	
NEM	2:46.23	Barbara Klencke	46	F Williamson	55	CATHY MANCINO	
Nancy Tunstall	41	Jill Fleming	40	OREG	2:41.63	ANNE LABORWIT	
Louise Valois	41	Elizabeth Kim	40	Dianne Thomsen	46	CELIA DEVANNEY	
Jana Slezak	38	RHMS	6:23.84	Patricia Bieze	60	GOLD	4:46.00
Gail Pentheny	41	Becky Vaughn	36	Mary Anne Royle	51	Peggy H McDonnell	48
		Gail Madveno	35	Nancy Vincent	44	Cathy Mancino	54
		S Powell	51	ES	2:46.85	Anne G LaBorwit	53
		C Coffee	42	Barbara Bower	65	Celia C Devanney	46
400 M. FREE REL WOMEN 160+		BMW	6:29.03	Patricia F Arnold	64	NEM	5:27.27
SAN DIEGO	4:14.13 96	Laura Gardner	45	Dara H Mason	36	Nancy Tsonos	52
BETH KNIGHT		Denise Edwards	40	WMAC	2:47.53	Kathy Scanlon	50
BARBARA DUNBAR		Kelly Fleming	43	Jane Stewart	61	Eileen Craffey	52
MARILYN FINK		Nancy Mc Govern	39	Candy Christenson	56	Jacki Hirsty	51
K PIPES-NEILSEN		NEM	6:40.39	Nancy Kranpitz	58	DBMS	6:10.76
MVN	4:32.55	Kate Farrington	44	Germaine Havel	55	Jill Gerard	44
Colleen Chandler	44	Eileen Craffey	52	TEAM GREENVILLE	2:47.66	Jean Sterling	67
Joy Leutner	45	Lynn Lamore	42	Paula Sumpter	46	Carolyn Schwab	65
Margaret Reilly	34	Kathy Scanlon	50	Kim Baxter	55	Heather Butcher	31
Tami Engel	40	ORLM	6:43.88	Mary Lou Hill	55	WMAC	6:16.31
NEM	5:39.20	Nancy Guinn	50	Charlott Thornton	46	Jane Stewart	61
Nancy Tunstall	41	Maria Gonzalez	47	NEM	2:49.78	Candy Christenson	56
Louise Valois	41	L OstertagNewsom	48	Ann Fredette	58	Nancy Kranpitz	58
Jana Slezak	38	Ana Zoloir	51	Susan Barbary	53	Germaine Havel	55
Gail Pentheny	41	NEM	6:44.82	Sandy Woodcock	47		
SWIM KENTUCKY	5:43.95	Ann Fredette	58	Lee Calderone	48		
Mariam Ballantine	38	Susan Barbary	53			400 M. MEDLEY R WOMEN 200+	
Pamela Haeblerlin	40	Carol Prescott	34			SAN DIEGO	5:07.75 01
Bobbi Quesenberry	36	Lee Calderone	48			MARILYN FINK	
Wendy Medley	49					CAROLINE KRATTLI	
METR	5:47.29					BARBARA DUNBAR	
Miriam Tuliao	42	800 M. FREE REL WOMEN 160+				JEANNE LITTLE	
Anne B Pratt	66			200 M. MEDLEY R WOMEN 200+		GOLD	5:39.39
M Cook-Takahashi	44	SAN DIEGO	9:27.59 98	OREGON	2:18.96 03	Anne G LaBorwit	53
Elena R Frankle	32	BETH KNIGHT		K ANDRUS-HUGHES		Peggy H McDonnell	48
WH20	5:52.43	CAROLINE KRATTLI		COLLETTE CRABBE		Celia C Devanney	46
Mary Church	53	BARBARA DUNBAR		JOY WARD		Cathy Mancino	54
Cynthia McGuineas	44	K PIPES-NEILSEN		JEANNE TEISHER		METR	6:05.22
Jessica Seaton	50	SWIM KENTUCKY	10:20.61	OREG	2:18.96	Virginia Langmuir	51
Carole Shigaki	48	Mary Chris Curl	46	K Andrus-Hughes	46	Sue Mc Glennon	53
NEM	5:54.26	Valerie Davisson	41	Colette Crabbe	47	Rebecca Pinto	48
Page Wasson	50	Pam Martin	46	Joy Ward	61	Judy Strauss	49
Mary Tierney	43	Amy Pope	43	Jeanne Teisher	52		
Katharin Connolly	44	PWM	11:46.52	ANCM	3:00.40		
				Kathy A Levintow	47		
				Margot Pettijohn	57		

2003 Short-Course Meters - Top-Ten Relays

SPM 6:10.61		
JoAnn Harrelson 47	SAN DIEGO 2:42.88 01	Judy Kennedy 66
Elaine Bromwich 61	BETSY JORDAN	Judy Bendorf 64
Christine Swanson 41	ILONA SIKE	Mariana Phipps 59
Pam Geiger 51	LYNN LUND	Mary Pat Moeller 53
BMW 6:35.86	JACKIE MARR	SWIM KENTUCKY 8:02.10
J Vanderfleet-Sco 49	WMAC 3:11.18	Mary Jane Mullins 72
Alice Tokars 50	Betty Lorenzi 76	Joyce Voit 69
Jacklyn Litman 53	Janet Schultz 52	Debbie Utz 50
Martha Higdon 51	Edith Jacobsen 56	Linda Hubbuch 58
GAJA 6:38.03	Ingrid Stine 64	FMM 8:52.37
Teresa McDowell 53	OMAH 3:35.46	Margie Hutinger 63
Sandy Skarsaune 60	Mariana Phipps 59	Jean Allen 63
Winifred Prall 56	Mary Pat Moeller 53	Patricia Tullman 66
F Williamson 55	Judy Bendorf 64	Florence Carr 78
WMAC 7:06.27	Judy Kennedy 66	MICH 9:05.57
Jane Stewart 61	FMM 4:14.77	Joyce Kowalski 61
Candy Christenson 56	Margie Hutinger 63	Mary Fritz 69
Nancy Kranpitz 58	Jean Allen 63	Edith Glusac 85
Germaine Havel 55	Gladys Olsen 77	Jennifer Parks 60
MELO 7:35.12	Ruth Thompson 53	800 M. FREE REL WOMEN 240+
Anne Long 61	HSAM 4:25.29	SAN DIEGO 12:12.73 03
Letty French 67	Elfriede Lehto 70	BETSY JORDAN
Ginger Kiernan 42	Bernie Pollett 67	JACKIE MARR
Jody Trafton 30	Marlee Valderhaug 62	LYNNE LUND
800 M. FREE REL WOMEN 200+	Nancy Reed 76	ADRIENNE PIPES
SAN DIEGO 10:35.61 97	PARRIS ISLAND 4:28.64	SDSM 12:12.73
MARILYN FINK	Kathryn Johnston 60	Betsy Jordan 66
BARBARA DUNBAR	JoAnn Chapman 59	Jackie Marr 60
JACKIE MARR	Martha Davis 63	Lynne Lund 63
BETSY JORDAN	Shayne Bell 61	Adrienne Pipes 69
GAJA 12:33.95	400 M. FREE REL WOMEN 240+	WMAC 14:25.00
F Williamson 55	DC MASTERS 5:25.45 00	Ingrid Stine 64
Teresa McDowell 53	JAYNE BRUNER	Betty Lorenzi 76
Winifred Prall 56	BARBARA FRID	Janet Schultz 52
Sandy Skarsaune 60	JOANN LEILICH	Edith Jacobsen 56
200 M. FREE REL WOMEN 240+	BETH SCHREINER	NEM 14:49.87
DC MASTERS 2:19.96 00	WMAC 6:28.81	Petey M Smith 79
BARBARA FRID	Edith Jacobsen 56	Billie Burrill 82
BETH SCHREINER	Ingrid Stine 64	Lynn Lamore 42
JAYNE BRUNER	Betty Lorenzi 76	Kate Farrington 44
JOANN LEILICH	Janet Schultz 52	OMAH 14:58.40
1776 2:54.44	OMAH 6:55.96	Judy Kennedy 66
Janet Jastremski 55	Judy Kennedy 66	Judy Bendorf 64
Joan Waldbaum 72	Judy Bendorf 64	Mariana Phipps 59
Janet Moeller 69	Mariana Phipps 59	Mary Pat Moeller 53
Patty Webb 46	Mary Pat Moeller 53	SWIM KENTUCKY 16:13.88
WMAC 2:59.12	HSAM 6:59.49	Debbie Utz 50
Edith Jacobsen 56	Marlee Valderhaug 62	Mary Jane Mullins 72
Ingrid Stine 64	Sue Brassy 56	Linda Hubbuch 58
Betty Lorenzi 76	Marilyn A Ramey 63	Joyce Voit 69
Janet Schultz 52	Nancy L Reed 76	HSAM 16:19.67
ISF 3:02.24	FMM 7:32.77	Marilyn A Ramey 63
Susan Meyers 61	Marianne Vann 71	Sue Brassy 56
Sandy Etnyre 62	Ruth Thompson 53	Nancy L Reed 76
Kirsten Beeler 57	June Reynolds 81	Bernie Pollett 67
Barbara Kirk 62	Flavia Zappa 36	200 M. FREE REL WOMEN 280+
OMAH 3:03.91	400 M. MEDLEY R WOMEN 240+	OJAI S BARBARA 2:52.62 95
Judy Kennedy 66	DC MASTERS 6:09.31 01	RUTH BAAR
Judy Bendorf 64	BARBARA FRID	SHIRLEY ERICKSON
Mariana Phipps 59	JOANN LEILICH	GRACE ALTUS
Mary Pat Moeller 53	JAYNE BRUNER	GAY COLLINS
FMM 3:36.31	BETH SCHREINER	FMM 3:13.50
Marianne Vann 71	WMAC 7:16.48	June Reynolds 81
Margie Hutinger 63	Betty Lorenzi 76	Jean Allen 63
Doris Prokopi 68	Janet Schultz 52	Florence Carr 78
Ruth Thompson 53	Edith Jacobsen 56	Patricia Tullman 66
PARRIS ISLAND 3:51.90	Ingrid Stine 64	200 M. MEDLEY R WOMEN 280+
JoAnn Chapman 59	HSAM 7:25.44	SAN DIEGO 3:16.73 01
Shayne Bell 61	Marlee Valderhaug 62	DIANA SILVA
Kathryn Johnston 60	Marilyn Ramey 63	ANN DALLAM
Martha Davis 63	Patty Starks 43	ADRIENNE PIPES
200 M. MEDLEY R WOMEN 240+	Nancy Reed 76	JEANNE LITTLE
OMAH 7:46.87	7:46.87	
		FMM 4:02.17
		Patricia Tullman 66
		Gertrud Zint 86
		Doris Prokopi 68
		Marianne Vann 71
		1776 4:04.20
		Janet Moeller 69
		Ruth Aaron 74
		Marianna Hagan 75
		Lois Olsen 71
		O'H*I*O MASTERS 4:48.06
		Mary Culhane 82
		Marion Drummond 72
		Carol Ganzel 72
		Nancy Waite 69
		400 M. FREE REL WOMEN 280+
		FLA MAVERICK 6:10.44 02
		JEAN TROY
		MARGARET HOMANS
		FLORENCE CARR
		PATRICIA TULLMAN
		FMM 7:01.56
		Jean Troy 76
		Doris Prokopi 68
		Florence Carr 78
		Patricia Tullman 66
		FMM 9:54.10
		Margie Hutinger 63
		Gladys Olsen 77
		Gertrud Zint 86
		Jean Allen 63
		400 M. MEDLEY R WOMEN 280+
		FLA MAVERICK 7:30.18 01
		PATRICIA TULLMAN
		REGAN KENNER
		JEAN TROY
		FLORENCE CARR
		MICH 8:17.33
		Edith S Glusac 85
		Sally K Guthrie 53
		Lois K Nochman 79
		Laura J Gogola 67
		FMM 9:59.54
		Doris Prokopi 68
		Gertrud Zint 86
		Gladys Olsen 77
		June Reynolds 81
		800 M. FREE REL WOMEN 280+
		ST. LOUIS 15:49.09 91
		CAROL TAYLOR
		DORIS PETERS
		EDITH HENDRY
		ANNALOU CARRIER
		NO RELAYS
		200 M. FREE REL WOMEN 320+
		FL MAVERICKS 3:25.71 02
		JEAN TROY
		KAY SCHIMPF
		GERTRUD ZINT
		FLORENCE CARR
		NO RELAYS
		200 M. MEDLEY R WOMEN 320+
		FL MAVERICKS 4:13.67 02
		REGAN KENNER
		GERTRUD ZINT
		FLORENCE CARR
		KAY SCHIMPF
		NO RELAYS

2003 Short-Course Meters - Top-Ten Relays

<p>400 M. FREE REL WOMEN 320+</p> <p>SAN MATEO 9:11.05 96</p> <p>AUDREY ETIENNE HELEN ROUMASSET HILDA BUEL ZADA TAFT</p> <p>NO RELAYS</p> <p>400 M. MEDLEY R WOMEN 320+</p> <p>WALNUT CREEK 10:12.19 97</p> <p>FRIEDA SIDORSKI SALLY JOY JEAN DURSTON MARY JANE REEVES</p> <p>NO RELAYS</p> <p>800 M. FREE REL WOMEN 320+</p> <p>MAVERICKS 18:25.47 01</p> <p>KAY SCHIMPF PEGGY HUGHES JUNE REYNOLDS FLORENCE CARR</p> <p>NO RELAYS</p> <p style="text-align: center;">MEN'S RELAYS</p> <hr style="width: 50%; margin: auto;"/> <p>200 M. FREE REL MEN 76+</p> <p>DAVIS AQUATIC 1:39.63 95</p> <p>JOHN KEPPELER ANDY SLAKOFF BRAD WINSOR MATT GRAHN</p> <p>DCAC 1:43.99</p> <p>Gregory Bilton 23 Luke McClure 24 Andrew W Bellows 23 Michael Graham 25</p> <p>200 M. MEDLEY R MEN 76+</p> <p>S CAL AQUATIC 1:54.30 97</p> <p>OSIRIS BRISENO EALING JAHN SEAN LEMM KENTARO TAKAHASHI</p> <p>DCAC 1:57.25</p> <p>Andrew W Bellows 23 Luke McClure 24 Gregory Bilton 23 Michael Graham 25</p> <p>400 M. FREE REL MEN 76+</p> <p>TROJAN SWIM 3:49.17 98</p> <p>JOSH ILIKA ERIC SCHAFFER JEREMY ZECHER CITO VASCONCELLOS</p> <p>DCAC 3:50.92</p> <p>Luke McClure 24 Andrew W Bellows 23 Gregory Bilton 23 Michael Graham 25</p> <p>WH20 4:03.66</p> <p>Cory Nartatez 24 Michael Crosby 24 Colin Chih 21 Ash Martin 23</p> <p>LBG 4:33.41</p> <p>Steven Tate 25 Kevin Clark 25 Drew Giacobe 29</p>	<p>Charles Sandlin 20</p> <p>400 M. MEDLEY R MEN 76+</p> <p>DCAC 4:14.83 98</p> <p>MARCUS CHUNG MATT KINNEY COREY CARLISLE HUGH MCGOWAN</p> <p>DCAC 4:19.57</p> <p>Andrew W Bellows 23 Gregory Bilton 23 Luke McClure 24 Michael Graham 25</p> <p>WH20 4:24.23</p> <p>Cory Nartatez 24 Colin Chih 21 Michael Crosby 24 Jeff Brooker 25</p> <p>800 M. FREE REL MEN 76+</p> <p>NEW ENGLAND 8:40.24 00</p> <p>GREG WRIEDE RICHARD BELL THOMAS STOCKL BRIAN FEHLAU</p> <p>DCAC 9:01.39</p> <p>Luke McClure 24 Jason Bricker 25 Andrew W Bellows 23 Michael Graham 25</p> <p>WH20 10:13.40</p> <p>Brandon Del Campo 27 Colin Chih 21 Nik Bonovich 24 Chris Touchton 25</p> <p>200 M. FREE REL MEN 100+</p> <p>EL SUGUNDO 1:35.70 97</p> <p>FRANK WATTLES DEREK ROBINSON MARCEL RINZLER BERT BERGEN</p> <p>MOVY 1:47.00</p> <p>Derek Shipp 36 Adam Moore 28 Chris Fugate 27 Bryan Fugate 25</p> <p>LBG 1:48.07</p> <p>Andrew Giacobe 29 Michael Kienitz 33 Audy Oktavian 26 Enrique Ochoa 21</p> <p>DCAC 1:49.17</p> <p>David X Johnson 29 Flavio Amaya 25 Thomas Buerger 33 David Brand 30</p> <p>ISF 1:51.57</p> <p>Corrie W Bumps 27 Phil Wickizer 24 Pat Jones 22 Timothy Zimmer 33</p> <p>METR 1:55.39</p> <p>Adam M Wolf 26 Jun Maruta 33 Onesimo C de Mira 30 David Denrich 24</p> <p>FINS 1:55.94</p> <p>Andrew Levich 28 Keith Joslin 39 A Fitzpatrick 27 Gabriel Nieves 23</p> <p>TEAM GREENVILLE 1:59.95</p> <p>Matt Dufala 21 Evan Thornton 20</p>	<p>David Blackwood 24 Alan Robinson 44</p> <p>LBG 2:01.99</p> <p>Mauro Calong 34 Kevin Clark 25 Chris Lalley 34 Charles Sandlin 20</p> <p>DCAC 2:08.81</p> <p>Giulio de Tommaso 33 Jeremy Rausch 26 Jeffrey Dutton 31 S Busselberg 29</p> <p>200 M. MEDLEY R MEN 100+</p> <p>EL SEGUNDO 1:45.73 97</p> <p>DEREK ROBINSON DAVE HUSTON MARCEL RINZLER BERT BERGEN</p> <p>LBG 1:54.91</p> <p>Kurt Murdoch 37 Audy Oktavian 26 Erik Scollon 32 Howie Realubit 23</p> <p>PWM 2:00.90</p> <p>Luis Gayoso 26 Mark Haynes 33 David Canniere 27 Sean Sullivan 33</p> <p>DCAC 2:04.24</p> <p>David X Johnson 29 Thomas Buerger 33 David Brand 30 Flavio Amaya 25</p> <p>TSUN 2:05.16</p> <p>Yohannes Mochtar 32 Rudy Guadron 29 Waifa Chau 23 Gabriel Speyer 30</p> <p>METR 2:05.24</p> <p>Hashim AlMashat 28 James A Fox 32 Michael Dellagala 26 Joseph H Byrne 27</p> <p>SDSM 2:07.13</p> <p>Barry Brockman 34 Anthony Munday 24 Carolina Sandoval 24 Sam Duke 25</p> <p>LBG 2:22.90</p> <p>Drew Giacobe 29 Christoph Lalley 34 Hans Hess 31 Kevin Clark 25</p> <p>TEAM GREENVILLE 2:28.15</p> <p>Evan Thornton 20 David Blackwood 24 Matt Dufala 21 Mark Stone 47</p> <p>DCAC 2:42.12</p> <p>Luke Kay 34 Ron Kaplan 32 Matthew Holder 26 Pablo Fernandez 27</p> <p>DCAC 2:58.74</p> <p>Jeffrey Dutton 31 Giulio de Tommaso 33 Jeremy Rausch 26 S Busselberg 29</p> <p>400 M. FREE REL MEN 100+</p> <p>NEW ENGLAND 3:35.88 01</p> <p>BENJAMIN LO-PINTO JEFF BROWN JASON EADDY RICK OSTERBERG</p>	<p>METR 3:55.43</p> <p>Thayer H Thompson 29 James A Fox 32 Joseph H Byrne 27 Michael Dellagala 26</p> <p>LBG 3:56.67</p> <p>Audy Oktavian 26 Erik Scollon 32 Drew Giarobe 29 Brian Kremers 30</p> <p>DCAC 4:02.65</p> <p>David X Johnson 29 David Brand 30 Flavio Amaya 25 Matthew Kinney 33</p> <p>TSUN 4:09.20</p> <p>John Cook 33 Waifa Chau 23 Rudy Guadron 29 Mark Harlow 32</p> <p>SDSM 4:09.55</p> <p>Antonio Sandoval 27 Sam Duke 25 Matt Alder 29 Barry Brockman 34</p> <p>MOVY 4:15.69</p> <p>Derek Shipp 36 Adam Moore 28 Chris Fugate 27 Bryan Fugate 25</p> <p>FINS 4:22.98</p> <p>Andrew Levich 28 Keith Joslin 39 A Fitzpatrick 27 Gabriel Nieves 23</p> <p>METR 4:28.11</p> <p>Michael McDermott 33 Jamie Torres 32 Hashim AlMashat 28 David C Figur 26</p> <p>NEM 4:49.49</p> <p>Greg Hindle 31 John Dumas 28 Tom Richer 23 Jeff Bushnell 30</p> <p>DCAC 5:20.04</p> <p>Pablo Fernandez 27 Jeffrey Dutton 31 S Busselberg 29 Ron Kaplan 32</p> <p>400 M. MEDLEY R MEN 100+</p> <p>NEW ENGLAND 4:01.21 99</p> <p>GREG WRIEDE JONATHAN BANVILLE MARK GOLDMAN STUART CROMARTY</p> <p>LBG 4:36.88</p> <p>Drew Giarobe 29 Audy Oktavian 26 Enrique Ochoa 21 Chris Lalley 34</p> <p>DCAC 4:38.61</p> <p>David X Johnson 29 Jason Bricker 25 Eric Czander 38 Flavio Amaya 25</p> <p>SWIM KENTUCKY 4:42.75</p> <p>Abraham Solano 34 P Falcone-Cardena 20 Jose Manuel Nieto 23 James Luebbe 36</p> <p>SDSM 4:54.24</p> <p>Anthony Munday 24 Jimmy Harden 40 Matt Alder 29 Sam Duke 25</p>
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2003 Short-Course Meters - Top-Ten Relays

TSUN	4:54.96	Jason Eaddy	27	Scott Tobin	37	Stuart Cromarty	39
Waifa Chau	23	Mark Alexander	45	Alex Hall	32	SWIM KENTUCKY	4:16.15
Rudy Guadron	29	Mark Goldman	32	Dan Ferguson	37	Chris Tingley	21
Casey Cheung	30	GOLD	1:44.83			Dale Mercker	36
John Cook	33	Gregg A Sherman	36	400 M. FREE REL	MEN 120+	Kirk Buese	43
NEM	4:55.09	Viktor L Frengut	34	DAVIS AQUATIC	3:36.25 95	Craig Pickering	25
Jeff Bushnell	30	Daryl Fenton	27	ANDREW MCPHERSON		SCAM	4:20.21
John Dumas	28	Richard Howard	35	MICHAEL COLLINS		Greg Barnell	37
Tony Knapp	31	ARIZ	1:45.33	BRAD WINSOR		Andreas Dreuw	31
Peter Couto	28	Juan Beltran	29	JOHN KEPPELER		Kiet Tran	32
DCAC	5:32.95	Chris Jalovek	27	TSUN	3:43.94	Marcus Chung	27
Matthew Holder	26	David Lewis	32	Steve Martel	33	BMW	4:20.62
Ron Kaplan	32	Eric Mix	32	Eric Yen	30	Gregory Davis	30
Kei Koizumi	35	BMW	1:45.51	Brad Hise	32	Nico Ghilardi	33
Jeremy Rausch	26	Nico Ghilardi	33	Todd Oakes	35	Chris Chalmers	36
800 M. FREE REL	MEN 100+	Steve Pratt	45	WH20	3:51.55	Robert Mackenzie	29
DAVIS AQUATIC	7:57.87 95	James Fregosi	43	Jeffrey C Sekido	33	MINN	4:21.37
MICHAEL COLLINS		Chris Chalmers	36	Dan Ferguson	37	Thomas Senn	36
MATT GRAHN		TERR	1:46.78	Alex Hall	32	Stephen Nelson	42
BRAD WINSOR		Michael P Doane	33	Scott Tobin	37	Brian Jacobson	30
JOHN KEPPELER		James Crowder	27	NEM	3:52.94	Chris Andersen	50
SWIM KENTUCKY	8:34.86	Andrew F Ellis	35	Stuart Cromarty	39	TERR	4:23.64
Dale Mercker	36	Michael Goodison	31	Jason Eaddy	27	James Crowder	27
Craig Pickering	25	200 M. MEDLEY R	MEN 120+	Stephan Joe	28	Michael Goodison	31
Chris Tingley	21	BAYLOR/L STAR	1:45.01 94	Tony Knapp	31	Michael P Doane	33
Abraham Solano	34	JAY YARID		GOST	3:54.77	Andrew F Ellis	35
LBG	9:03.66	GREG RHODENBAUGH		Hugo Caldas	26	RMM	4:23.91
Audy Oktavian	26	BOBBY PATTEN		Grant Wilson	37	Patt Chaiyaraj	40
Erik Scollon	32	MOOK RHODENBAUGH		Michael Mizenko	44	Jeff Comings	29
Drew Giarobe	29	GSM	1:50.57	Todd Radel	31	Scott Adams	39
Brian Kremers	30	Curtis Sawin	32	NEM	3:56.11	Richard Nielsen	39
DCAC	9:41.75	Ben Doyle	45	Mark Goldman	32	PWM	4:25.56
David Brand	30	Paul Buren	23	Rick Osterberg	29	Scott Donnelly	29
Thomas Buerger	33	Darek Hahn	36	Fred Schlicher	55	Brian Doan	33
Flavio Amaya	25	LBG	1:50.73	Henry Baker	36	Mark Haynes	33
David X Johnson	29	Kurt Murdoch	37	DCAC	3:56.43	Sean Sullivan	33
LBG	10:13.78	Audy Oktavian	26	Corey Carlisle	32	TSUN	4:25.67
Christoph Lalley	34	Erik Scollon	32	Scott Brinitzer	41	Yohannes Mochtar	32
Mauro Calong	34	Erik Nielson	36	Frederick Dever	38	Mark Harlow	32
Charles Sandlin	20	DCAC	1:52.58	Stanford Young	39	Eric Yen	30
Kevin Clark	25	Corey Carlisle	32	RMM	3:57.50	Todd Oakes	35
200 M. FREE REL	MEN 120+	Matthew Kinney	33	Patt Chaiyaraj	40	800 M. FREE REL	MEN 120+
GARDEN STATE	1:35.56 02	Neill Williams	35	Scott Adams	39	DCAC	8:01.80 96
CURTIS SAWIN		John O'Keefe	36	Richard Nielsen	39	NEILL WILLIAMS	
BRENT MATHESON		ARIZ	1:55.45	Jeff Comings	29	DAVID MICHAELS	
OSCAR GONZALEZ		Juan Beltran	29	NEM	3:59.79	STEVE SMITH	
PAUL BUREN		G Diaz DE Leon	27	Michael Schock	27	ERIC KIELIN	
WCM	1:40.44	David Lewis	32	Edmund Gendreau	41	NEM	8:22.87
Andy Nonaka	24	Eric Mix	32	Jim Robertson	34	Jason Eaddy	27
Andy Brown	25	ARIZ	1:55.80	Benjamin Nigro	32	Stephan Joe	28
Bryan Volpp	46	Jeff LeGore	43	SCAM	4:00.18	Stuart Cromarty	39
David Boatwright	42	Stephen So	29	Andreas Dreuw	31	Tony Knapp	31
LBG	1:40.80	Matthew Rankin	37	Ralph Elder	51	LBG	8:50.33
Erik Scollon	32	Sam Perry	35	Greg Barnell	37	Kurt Murdoch	37
Erik Nielson	36	PENN	1:56.71	NEM	4:00.34	Thomas Boyd	47
Drew Giacobe	29	Eric Mojock	23	Mike O'Hara	31	Erik Scollon	32
Audy Oktavian	26	Alan O'Connor	30	Gene Kennedy	44	Erik Nielson	36
WH20	1:42.66	Brian M Furlong	26	Robert Tarbell	27	GOST	8:55.07
Scott Tobin	37	Joseph Morozin	43	Brian Fehlau	29	Grant Wilson	37
Colin Chih	21	NEM	1:57.82	400 M. MEDLEY R	MEN 120+	Hugo Caldas	26
Dan Ferguson	37	Robert Tarbell	27	NEW ENGLAND	3:59.40 01	Ken Griffiths	34
Bill OBrien	43	Algernon Keith	43	BENJAMIN LO-PINTO		Todd Radel	31
TSUN	1:43.04	Mike O'Hara	31	JONATHAN BANVILLE		NEM	8:58.81
Mark Harlow	32	Brian Fehlau	29	JASON EADDY		Mike O'Hara	31
Wesley Miyazaki	38	NEM	1:58.24	ROBERT TYLER		Gene Kennedy	44
Eric Yen	30	Jason Eaddy	27	LBG	4:06.15	Robert Tarbell	27
Brad Hise	32	Stephan Joe	28	Kurt Murdoch	37	Brian Fehlau	29
NEM	1:44.31	Brian Casey	40	Audy Oktavian	26	WH20	9:04.38
Robert Tarbell	27	Tony Knapp	31	Erik Scollon	32	John Huck	38
Gene Kennedy	44	TSUN	1:58.51	Erik Nielson	36	Dan Ferguson	37
Algernon Keith	43	Steve Martel	33	NEM	4:15.66	Alex Hall	32
Brian Fehlau	29	Mark Harlow	32	Jason Eaddy	27	Scott Tobin	37
NEM	1:44.67	Eric Yen	30	Stephan Joe	28	DCAC	9:06.55
Peter Worland	45	John Cook	33	Brian Casey	40	Stanford Young	39
		WH20	1:59.42			Eric Czander	38
		Jeffrey C Sekido	33			Frederick Dever	38

2003 Short-Course Meters - Top-Ten Relays

Scott Brinitzer	41	Brad Cole	45	Charles Carson	49	Bill Korey	40
ORCA	9:12.45	200 M. MEDLEY R	MEN 160+	Skip Shaw	33	Sean Frampton	37
Michael Pipta	39			Brad Cole	45	Jonathan Olsen	40
Matt Lusk	29			Matt Clark	47	Ed Suarez	49
Russell Borgnin	39	ANCM	1:50.71 02	WH20	3:59.00	RHMS	4:29.07
Ross Linderman	26	J CLAY BRITT		James Ballard	46	Eric Van Boer	49
FIRE	9:21.33	WALLY DICKS		Tom Reudy	49	Ken Ericsson	43
Joseph Cordaro	26	JOHN FEINSTEIN		Geoffrey Stier	44	Duncan Ross	38
Colin Dingler	23	MICHAEL FELL		Bruce Hatton	46	Bill Adkison	48
Terry DeBiase	38	ANCM	1:51.29	LBG	4:06.36	SAC	4:31.31
Rod MacNeil	33	J Clay Britt	42	Steven Robbs	42	Stephen Smith	37
PWM	9:34.18	Wally C Dicks	40	Steve Thomaidis	36	Andrew Brenan	43
David Dauphinais	36	Rory Lewis	42	Thomas Boyd	47	Markus Boedtker	39
Mark Haynes	33	Dale Mc Elhattan	41	Erik Nielson	36	David Ugarkovich	56
Sean Sullivan	33	TSUN	1:57.54	NEM	4:06.60	METR	4:33.86
Brian Doan	33	Brian Fitzgibbons	47	Frank Wuest	43	Matt Clark	47
WH20	9:43.59	Dean Putterman	41	Dominic Barth	40	Chris Packard	45
Armando Arorizo	36	Todd Oakes	35	Mark Alexander	45	Charles Carson	49
Daniel Banchik	35	Geoffrey Glaser	39	Peter Worland	45	Brad Cole	45
Derrick Sanders	34	MINN	1:59.43	ORLM	4:07.33	800 M. FREE REL	MEN 160+
Sean Early	37	Thomas Senn	36	Scot Weiss	38	VENTURA COUNTY	8:05.09 01
200 M. FREE REL	MEN 160+	Lindsey Kopp	46	Arnaldo Perez	45	MIKE SHAFFER	
		Brian Jacobson	30	Paul Smith	38	DON SMITH	
GARDEN STATE	1:39.07 03	Chris Andersen	50	John McCall	52	TIM HEDRICK	
PAUL BUREN		DYNA	2:00.68	TSUN	4:11.96	JIM MCCONICA	
ED TSUZUKI		Bob Bugg	46	Cris Meier-Windes	50	DCAC	8:42.61
OSCAR GONZALES		Chris Weissman	41	Wesley Miyazaki	38	Neill Williams	35
TOM GEIMAN		Thomas Kaye	41	Laurence Fry	42	Alan Godfrey	46
GSM	1:39.07	Patrick Laughlin	49	Brian Fitzgibbons	47	Jeffrey Mead	47
Paul Buren	23	ORCA	2:00.87	WH20	4:14.88	John O'Keefe	36
Ed Tsuzuki	45	Leo Espinosa	43	Mike Wallace	47	ORCA	8:51.68
Oscar J Gonzalez	43	Rick Dunwiddie	39	Philip Hayman	42	Craig Mallery	41
Tom Geiman	54	Paul Sherman	40	Scott Genkinger	44	Leo Espinosa	43
BMW	1:39.11	Craig Mallery	41	Tim Burke	46	Matthew Lind	39
Richard Garrett	50	ORLM	2:01.03	HLJ	4:16.09	Paul Sherman	40
Mike Mc Aweeney	40	Arnaldo Perez	45	Bill Pillmore	55	PENN	8:59.80
Thomas Whatley	52	Steve Boney	36	Eric Holler	23	Alan O'Connor	30
Robert Mackenzie	29	Frederick Ehmke	49	Gary Zarkis	43	Brian M Furlong	26
TSUN	1:41.13	L Meisenheimer	46	Walter Steele	39	Paul B Sweeney	52
Geoffrey Glaser	39	DCAC	2:04.89	400 M. MEDLEY R	MEN 160+	Jay R Platt	56
Dean Putterman	41	Scott Brinitzer	41	S CAL AQUATIC	4:15.60 97	METR	9:00.49
Brian Fitzgibbons	47	Eric Czander	38	MIKE FRAZER		Brad Cole	45
Todd Oakes	35	Stanford Young	39	BRIAN HAYES		Buck Broker	47
MELO	1:41.36	Jeffrey Mead	47	CLAY EVANS		Charles Carson	49
Al Humphrey	44	METR	2:04.98	STUART VANCE		Matt Clark	47
James Kemp	48	Charles Carson	49	OREG	4:12.45NV	WH20	9:07.74
Ed Owen	32	Buck Broker	47	John Keppeler	36	Geoffrey Stier	44
Bradley Howe	41	Matt Clark	47	John Hudson	37	Scott Genkinger	44
DCAC	1:42.26	Brad Cole	45	Pat Allender	45	Philip Hayman	42
Neill Williams	35	NEM	2:06.05	Mike Tennant	50	Bruce Hatton	46
Alan Godfrey	46	Jack Courtney	50	MELO	4:12.93NV	TSUN	9:08.76
Jeffrey Mead	47	Rick Battistini	49	Philip Arcuni	45	Mark Harlow	32
John O'Keefe	36	Daniel Rogacki	56	James Kemp	48	Brian Fitzgibbons	47
RHMS	1:43.30	Will Wright	43	Tony Batis	36	Laurence Fry	42
Eric Van Boer	49	NEM	2:06.20	Bradley Howe	41	Dean Putterman	41
Duncan Ross	38	Mark Alexander	45	DCAC	4:13.69NV	FINS	9:12.11
Bill Adkison	48	Peter Worland	45	Alan Godfrey	46	Jason Klugman	32
Ken Ericsson	43	Frank Wuest	43	Neill Williams	35	Mark McCandless	49
ORLM	1:44.11	Dominic Barth	40	John O'Keefe	36	Tuan Vu	41
Scot Weiss	38	400 M. FREE REL	MEN 160+	Jeffrey Mead	47	Jim Jordan	38
Frederick Ehmke	49	NEW ENGLAND	3:43.45 00	UCI	4:15.62	SDSM	9:37.21
Arnaldo Perez	45	KEVIN STAPLETON		Sean Parker	33	Scott Ehrlich	51
L Meisenheimer	46	FRED SCHLICHER		John Templin	49	Mark Spratt	48
WH20	1:45.38	ROBB CARR		Brian Kelca	43	Paul Stricker	43
James Ballard	46	STUART CROMARTY		Bert Bergen	36	Joey Hinton	38
Philip Hayman	42	DCAC	3:49.38	WH20	4:22.08	MOVY	9:37.23
Tom Reudy	49	Neill Williams	35	James Ballard	46	Bill Sherman	45
Bruce Hatton	46	Alan Godfrey	46	Mauro Bordovsky	47	Philippe DeGreef	43
1776	1:45.91	Jeffrey Mead	47	Bill OBrien	43	Chip Glidden	53
Gregory Oxley	45	John O'Keefe	36	Geoffrey Stier	44	Derek Shipp	36
Michael G Slenker	57	ORCA	3:53.98	BMW	4:24.65	LBG	9:55.78
Thomas D Meade	46	Paul Sherman	40	Richard Garrett	50	Thomas Boyd	47
Warren J Fisher	47	Rick Peterson	52	James Fregosi	43	Jim Shaughnessy	43
METR	1:46.32	Tom Seifts	37	Robert Kim	43	Kurt Murdoch	37
Charles Carson	49	Craig Mallery	41	Mike Mc Aweeney	40	Stephen Thomaidis	36
Skip Shaw	33	METR	3:58.06	GOLD	4:27.39		
Matt Clark	47						

2003 Short-Course Meters - Top-Ten Relays

200 M. FREE REL	MEN 200+				
COLONIALS1776	1:40.71 03	GOLD	2:11.57	WH20	4:29.31
PAUL TREVISAN		Bill Dykstra	66	Jay Olson	54
THOMAS MEADE		George Schmidt	53	Charles Larson	51
MICHAEL SLENKER		David Owen	51	Neil Fenn	51
GREGORY OXLEY		Michael Boosin	37	Brian Murphy	55
1776	1:40.71	NEM	2:12.59	HSAM	4:35.00
Paul T Trevisan	52	Gerald Sullivan	52	Lee Mench	51
Thomas D Meade	46	Steven Schonholz	47	John Huntsinger	36
Michael G Slenker	57	Louis Kronfeld	60	Douglas Selby	58
Gregory Oxley	45	John Mooney	43	David Szuch	60
GMUP	1:47.73	NEM	2:13.16	NEM	4:49.58
Larry R Sloan	56	Mark Keil	50	David Bright	50
David R Dates	53	Cliff Jennings	50	Daniel Coons	49
Robin A Simmons	45	Daniel Rogacki	56	Marc Scheele	57
Robert M Hansen	49	David Welch	47	Tom Mack	45
SDSM	1:52.21	HLJ	2:14.82	400 M. MEDLEY R	MEN 200+
Mark Spratt	48	Harold Murra	62	JERSEY MASTERS	4:38.38 96
Mark Wussler	48	Bill Pillmore	55	RICH ALEXANDER	
Scott Ehrlich	51	Walter Steele	39	ED NESSEL	
Mike Ahern	58	Peter Nickodem	54	ART DEFFAA	
GSM	1:55.77	UCI	2:15.82	JIM DRAGON	
Jack Zakim	58	Gary Singer	51	SDSM	4:58.88
Larry B Seidman	56	John Templin	49	Mark Spratt	48
Edward H Nessel	58	Allen Murray	59	Mark Wussler	48
Arthur M Wein	53	Howard Burns	52	Mike Ahern	58
WH20	1:56.63	SWOM	2:17.76	Bill Butler	47
David Hay	53	Randy Simons	55	SWIM KENTUCKY	5:01.61
Jon Bauer	51	David Abineri	60	Jon Shastid	55
Brian Murphy	55	Ed Meier	31	James Keller	50
Michael Mealiffe	63	Ray M Witte	54	John Voorhees	45
HLJ	1:56.95	SWIM KENTUCKY	2:17.97	Thomas Mester	52
Robert Nagle	52	Jon Shastid	55	WH20	5:06.92
Bill Pillmore	55	Larry Hunt	56	Michael Mealiffe	63
Peter Nickodem	54	Carlton Arnold	50	David Hay	53
Harold Murra	62	Robert Holmes	41	Errol Graham	44
NEM	1:57.22	400 M. FREE REL	MEN 200+	Mike McGinley	50
David Bright	50	COLONIALS1776	3:47.59 03	NEM	5:09.44
Patrick Stevens	50	PAUL TREVISAN		Daniel Rogacki	56
Homer Lane	54	MICHAEL SLENKER		Cliff Jennings	50
John Hall	50	THOMAS MEADE		Joel Meltz	47
PENN	1:57.33	GERGORY OXLEY		Mark Keil	50
Joseph Morozin	43	1776	3:47.59	HSAM	5:09.66
Jay R Platt	56	Paul T Trevisan	52	Douglas W Selby	58
Paul B Sweeney	52	Michael G Slenker	57	Lee E Mench	51
Gene Kane	53	Thomas D Meade	46	Vernon S Rogers	42
GOLD	1:57.39	Gregory Oxley	45	Bruce Menzies	54
Ed Suarez	49	SDSM	4:06.10	Brian Skuse	47
Michael Dively	65	Mike Ahern	58	Thomas Whatley	52
Barry Gollop	48	Mark Wussler	48	Steve Pratt	45
Bill Korey	40	Mark Spratt	48	Ralph Brott	64
GOLD	1:58.66	Abel Menchaca	46	PENN	5:12.74
Ken P Bergquist	59	WH20	4:19.48	Jay R Platt	56
Geir Ingolfsrud	60	Bill OBrien	43	Paul B Sweeney	52
Tim D Erickson	47	Michael Mealiffe	63	Joseph Morozin	43
George L Schmidt	53	Mike McGinley	50	Gene Kane	53
200 M. MEDLEY R	MEN 200+	Jon Bauer	51	WMAC	5:14.42
GOLD	1:57.07 00	George L Schmidt	53	Daniel Slick	55
JOHN SPIRE		Jerry Greenberg	62	John Couper	57
GEORGE SCHMIDT		David R McIntyre	66	Dick Pitman	59
JOEL BURNS		Tim D Erickson	47	Tom Meehan	56
ROGER HAWKINS		NEM	4:23.27	SWIM KENTUCKY	5:18.09
WH20	1:58.84	Mark Keil	50	William Tingley	53
James Ballard	46	David Welch	47	Barry Whaley	44
Tom Reudy	49	Cliff Jennings	50	Glenn Hubbuch	58
Bill OBrien	43	Daniel Rogacki	56	Theodore Wathen	56
Michael Mealiffe	63	GOLD	4:23.31	NEM	5:35.50
GSM	2:04.24	Ed Suarez	49	Homer Lane	54
Ken Niemi	48	Barry Gollop	48	Mike Powers	41
Edward H Nessel	58	Michael Dively	65	Frank McQuiggan	55
Tom Geiman	54	Jonathan Olsen	40	Bob Lamothe	50
Ed Tsuzuki	45	NEM	4:26.99	800 M. FREE REL	MEN 200+
NEM	2:09.50	John Hall	50		
David Bright	50	Patrick Stevens	50		
Bruce Mohl	57				
NEM	8:58.54 02				
ROBERT SELTZER					
TOM MACK					
DANIEL ROGACKI					
GREG SHAW					
HSAM	9:45.60				
Lee E Mench	51				
Vernon S Rogers	42				
Douglas W Selby	58				
Bruce Menzies	54				
WH20	9:59.98				
Jay Olson	54				
Tom Reudy	49				
Mauro Bordovsky	47				
Charles Larson	51				
WH20	10:19.45				
Jon Bauer	51				
Mike McGinley	50				
Neil Fenn	51				
David Hay	53				
GOLD	10:19.94				
Ed Suarez	49				
Barry Gollop	48				
Michael Dively	65				
Bill Korey	40				
SWIM KENTUCKY	10:45.72				
Glenn Hubbuch	58				
Thomas Mester	52				
Theodore Wathen	56				
Barry Whaley	44				
MVN	11:27.97				
John Campbell	56				
Patrick Dwyer	53				
Val Trowbridge	49				
Dieter Rapp	50				
TSUN	11:53.52				
Richard Fabian	61				
Guy Decker	57				
Kristian Nergaard	56				
Cris Meier-Windes	50				
ECYM	12:00.12				
Joseph Clark	38				
Charles Roome	51				
Fred Stein	56				
Michael Bullock	57				
200 M. FREE REL	MEN 240+				
SAN DIEGO	1:50.90 03				
PETER ANDERSON					
MIKE FRESHLEY					
MICHAEL AHERN					
VINUS VAN BAALLEN					
SDSM	1:50.90				
Peter Andersen	60				
Mike Freshley	62				
Michael Ahern	58				
Vinus Van Baalen	61				
GOLD	1:52.25				
Cav Cavanaugh	68				
David McIntyre	66				
Joel Burns	57				
George Schmidt	53				
MELO	2:12.87				
Murray Mc Lachlan	62				
Bill Dawson	61				
John Sulzbach	69				
David Gildea	60				
WMAC	2:12.94				
Michael Huck	47				
John Couper	57				
Tom Meehan	56				
Lynn Surles	86				
ISF	2:15.71				
Marty Mennen	67				
Peter Yaw	66				
Mel Goldstein	65				
Donald Sealey	44				

2003 Short-Course Meters - Top-Ten Relays

MOVY	2:26.35				
Chung A Anderson	69	400 M. FREE REL	MEN 240+	Tom Landis	61
Neil J Salkind	56			NEM	11:38.68
Bill Mackey	61	SAN DIEGO	4:22.02 99	Matt Chrotowski	62
Joe Lechner	61	MIKE FRESHLEY		Thomas Manfredi	60
SWOM	2:42.44	DONALD BAKER		Bob Bourassa	62
Robert B Williams	64	BILL EARLEY		Al Valliare	57
Frank B Samoya	77	MICHAEL AHERN		MOVY	12:36.40
Ken Hueck	59	NEM	4:28.17	Joe Lechner	61
Dick Chisholm	69	David Prior	58	Neil J Salkind	56
PARRIS ISLAND	2:47.89	Art Scott	70	Joseph Neal	61
Jim Van Cleve	57	Thomas Manfredi	60	Landon C Kirchner	65
John Fontana	62	Bob Bourassa	62	GAJA	13:34.47
George Johnston	62	FMM	5:29.85	Bill Lotz	54
Carlos Black	63	James Browne	65	George Gfroerer	70
PARRIS ISLAND	3:12.49	James Pitts	73	John Zeigler	58
Joe Williams	64	Robert MacDonald	75	Jack Mitchell	76
Pete Palmer	68	Matthew Watkins	30	SWIM KENTUCKY	14:02.11
Bill Jenkins	69	MOVY	5:43.27	Stanley Bearden	60
Philip Nuebig	74	Bill Mackey	61	Larry Isom	63
		Joe Lechner	61	Richard Scheu	63
		Landon C Kirchner	65	Frank Diebold	55
200 M. MEDLEY R	MEN 240+	Neil J Salkind	56		
		SDSM	6:06.68	200 M. FREE REL	MEN 280+
OREG	2:05.07 03	Gary Vyne	69	TEAM TEXAS	2:04.66 01
ROBERT SMITH		Mike Freshley	62	GRAHAM JOHNSTON	
ALLEN STARK		Vinus Van Baalen	61	FRANK CAMPBELL	
BERT PETERSEN		Thomas Herbert	49	EUGENE FERGUSON	
TOM LANDIS				BOB BAILIE	
OREG	2:05.07	400 M. MEDLEY R	MEN 240+	SDSM	2:20.72
Robert S Smith	60			Duane Draves	77
Allen Stark	54	OREG	5:05.10 03	Jordan Wolle	75
Bert Petersen	65	ROBERT SMITH		Bob Best	71
Tom Landis	61	ALLEN STARK		Steve Moseley	65
GOLD	2:05.72	TOM LANDIS		FMM	2:23.36
David McIntyre	66	DAVID RADCLIFF		James Browne	65
Timothy Shead	51	OREG	5:05.10	Robert MacDonald	75
Joel Burns	57	Robert S Smith	60	C Weatherbee	71
Cav Cavanaugh	68	Allen Stark	54	James Pitts	73
SDSM	2:06.42	Tom Landis	61	GOLD	2:48.85
Vinus Van Baalen	61	David Radcliff	69	Kenneth Bergquist	59
Peter Andersen	60	MELO	5:49.33	A DeLaVega	78
Michael Ahern	58	Murray Mc Lachlan	62	Joaquin Silverio	77
Mike Freshley	62	Bill Dawson	61	Alan Rapperport	70
NEM	2:40.67	John Sulzbach	69	FMM	3:41.96
Art Scott	70	David Gildea	60	Frank Tillotson	89
Bob Bourassa	62	NEM	6:12.04	Richard Criche	64
Frank McQuiggan	55	Matt Chrotowski	62	Charles Schlegel	73
Tim Morse	55	Rick Bushnell	62	Robert Williams	76
GAJA	2:49.43	Thomas Manfredi	60		
George Gfroerer	70	Bob Bourassa	62	200 M. MEDLEY R	MEN 280+
Jack Mitchell	76	FMM	6:18.45	N CAROLINA	2:28.34 99
Robert Brown	51	James Browne	65	JOHN MURPHY	
Hal Stolz	69	Robert MacDonald	75	JOHN KORTHEUER	
MOVY	2:51.31	Matthew Watkins	30	CLARKE MITCHELL	
Joseph Neal	61	James Pitts	73	DICK WEBBER	
Bill Mackey	61	MOVY	6:20.18	NORTH CAROLINA	2:22.33NV
Landon C Kirchner	65	Joseph Neal	61	Clarke Mitchell	71
Chung A Anderson	69	Landon C Kirchner	65	John Kortheuer	72
GOLD	2:55.56	Neil J Salkind	56	Dick Kitchell	63
Roger L Parsons	56	Chung A Anderson	69	Dick Webber	74
L Silverstein	69	SDSM	6:47.03	GOLD	2:38.76
Alan S Rapperport	70	Mike Greenberg	57	David R McIntyre	66
Joaquin Silverio	77	Gary Vyne	69	Agustin DeLaVega	78
GERM	2:57.15	Mike Freshley	62	Herb Kern	71
Kenneth J Wall	62	Vinus Van Baalen	61	Cav Cavanaugh	68
Richard S Durham	62	800 M. FREE REL	MEN 240+	SDSM	3:00.00
James Deatherage	54			Ken Kimball	73
John C Norvell	63	OREGON	9:29.56 03	Donald Baker	72
WMAC	3:02.37	STEVE JOHNSON		Bob Best	71
Fred Salzmann	71	DAVE RADCLIFF		Steve Moseley	65
Daniel Slick	55	BOB BRUCE		FMM	3:24.63
Jay Kemp	49	TOM LANDIS		Frank Tillotson	89
James Sevenich	74	OREG	9:29.56	Charles Schlegel	73
FMM	3:06.39	Steve Johnson	55	C Weatherbee	71
Robert Williams	76	David Radcliff	69	James Pitts	73
Robert MacDonald	75	Bob Bruce	55		
Matthew Watkins	30			400 M. FREE REL	MEN 280+
Richard Criche	64			SAN DIEGO	5:04.75 98
				BILL EARLEY	
				DON BAKER	
				WILLIAM PHILLIPS	
				JIM EUBANK	
				SDSM	5:10.39
				Bob Best	71
				Ken Kimball	73
				Donald Baker	72
				Steve Moseley	65
				GOLD	6:06.42
				Alan S Rapperport	70
				Joaquin Silverio	77
				L Silverstein	69
				Carl House	64
				400 M. MEDLEY R	MEN 280+
				SAN DIEGO	5:42.06 02
				DUANE DRAVES	
				MIKE FRESHLEY	
				MICHAEL AHERN	
				JIM EUBANK	
				NO RELAYS	
				800 M. FREE REL	MEN 280+
				SAN DIEGO	11:31.62 99
				WILLIAM PHILLIPS	
				KEN KIMBALL	
				JIM EUBANK	
				STEVE MOSELEY	
				NO RELAYS	
				200 M. FREE REL	MEN 320+
				OREGON	2:35.71 99
				EARL WALTER	
				GERALD HUESTIS	
				ANDREW HOLDEN	
				ALLAN DELAY	
				NO RELAYS	
				200 M. MEDLEY R	MEN 320+
				OREGON	3:00.90 99
				EARL WALTER	
				GERALD HUESTIS	
				ANDREW HOLDEN	
				ALLAN DELAY	
				NO RELAYS	
				400 M. FREE REL	MEN 320+
				COAST MASTERS	6:34.05 95
				BRION WINSHIP	
				ROBERT CHRISTIANS	
				WALTER PFEIFFER	
				WOODROW BOWERSOCK	
				FMM	8:26.05
				Frank Tillotson	89
				Robert Williams	76
				Brud Cleaveland	86
				Charles Schlegel	73
				400 M. MEDLEY R	MEN 320+
				COAST	7:39.16 97
				LOUIS GIBERSON	
				WOODROW BOWERSOCK	
				BOB CHRISTIANS	
				WALTER PFEIFFER	
				FMM	9:09.81
				Frank Tillotson	89
				Brud Cleaveland	86
				C Weatherbee	71

2003 Short-Course Meters - Top-Ten Relays

Robert Williams 76	LGB 2:24.32		
800 M. FREE REL MEN 320+	Marjorie Berger 26	TERRAPIN 8:51.55 03	Carrie Smith 27
COAST 15:10.98 97	Alvin Ma 24	MEREDITH STAKEM	NEM 2:04.57
LOUIS GIBERSON	Jacqueline Cole 23	KELLY BOWMAN	Erin Livensparger 25
WOODY BOWERSOCK	Steven Tate 25	JEFFREY STRAHOTA	Charles Redington 36
BOB CHRISTIANS	1776 2:27.19	JAMES CROWDER	Jennifer Rocca 24
WALTER PFEIFFER	Jason S Craig 25		Nick Voikos 32
NO RELAYS	Michelle Pizzo 23	TERR 8:51.55	
200 M. FREE REL MEN 360+	Scott Long 25	Meredith A Staken 22	200 M. MEDLEY R MIXED 100+
NO PREVIOUS RECORD	Erica Flickinger 25	Kelly E Bowman 23	EL SEGUNDO 1:52.80 97
NORTH CAROLINA 7:16.52NV	DCAC 2:29.26	Jeffrey Strahota 23	D GRANER GALLAS
Boyd Campbell 93	Sarah Preis 25	James Crowder 27	DAVE HUSTON
Martin Rutter 91	Jason Bricker 25	LGB 9:40.19	DEREK ROBINSON
Harold Hoffman 96	Molly Lohman 26	Alvin Ma 24	HEIDI HANNENIAN
Jim Scherbarth 80	Sin Siong Teo 23	Jacqueline Cole 23	ARIZ 1:53.12
MIXED RELAYS	400 M. FREE REL MIXED 76+	Marjorie Berger 26	G Diaz De Leon 27
200 M. FREE REL MIXED 76+	TERRAPIN 3:56.65 02	Audy Oktavian 26	Claire Hedenskog 23
OLYMPIC CLUB 1:43.33 95	PETRA ADAMKOVA	Jennifer Brey 25	Juan Beltran 29
SHARON SCOTT	JAMES CROWDER	P Falcone-Cardena 20	Camilla Johansson 29
ALICIA WALKER	KATIE DIBLASI	Jose Manuel Nieto 23	NOVA 2:03.27
JAMIE PATRICK	RUSSEL PERKINS	DCAC 10:39.14	Keith Ryan 19
MARTIN HERMANN		Krista Prescott 23	Jessamyn Miller 23
DCAC 1:54.98	NEM 4:14.45	Gregory Bilton 23	Adam Craun 29
Karin Riesenfeld 22	Rebekah Lorenz 23	Christina West 27	Fiona Petersen 30
Krista Prescott 23	Caron Lee 27	Matthew Holder 26	DCAC 2:03.56
Jason Bricker 25	Eric Black 22	200 M. FREE REL MIXED 100+	Corey Carlisle 32
Pablo Fernandez 27	Jason Eaddy 27	EL SEGUNDO 1:41.62 97	Karin Riesenfeld 22
SLAM 1:56.59	LGB 4:16.00	BERT BERGEN	Matthew Kinney 33
Li Zou 26	Marjorie Berger 26	D GRANER GALLAS	Krista Prescott 23
Nicole Kohrt 22	Jacqueline Cole 23	MARCEL RINZLER	SCAM 2:05.85
Leonardo Mendoza 26	Alvin Ma 24	HEIDI HANNENIAN	Marcus Chung 27
Dorab Sethna 23	Audy Oktavian 26		Helen Salcedo 28
GSM 1:57.29	WH20 4:21.01	PENN 1:51.94	Kiet Tran 32
Aaron Weiman 21	Jeff Brooker 25	Alan OConnor 30	Amber Rhett 31
Emilie Hottat 19	Susan Trainer 26	Brian M Furlong 26	MOVY 2:12.28
Hanna Kim 25	Nik Bonovich 24	Denise M Morales 23	Chris Fugate 27
Ryan Milun 26	Marilyn Chua 23	Emily Mullet 23	Katherine C Mason 25
LGB 2:01.21	DCAC 4:23.96	NOVA 1:52.15	Bryan Fugate 25
Jacqueline Cole 23	Sin Siong Teo 23	Jessamyn Miller 23	Joy Stover 27
Steven Tate 25	Krista Prescott 23	Fiona Petersen 30	GSM 2:13.62
Marjorie Berger 26	Molly Lohman 26	Adam Craun 29	Paul Buren 23
Alvin Ma 24	Jason Bricker 25	Keith Ryan 19	Nicole Marcus 26
200 M. MEDLEY R MIXED 76+	1776 4:38.84	FIRE 1:54.06	Ivan Ermanoski 31
NEW ENGLAND 1:57.66 99	Scott Long 25	Joseph Cordaro 26	S Koppenwallner 27
CORINNE MURPHY	Erica Flickinger 25	Suzanne Baker 28	NEM 2:14.38
GREG WRIEDE	Michelle Pizzo 23	Catherine Liang 29	Wendy Johnson 29
MARK GOLDMAN	Jason S Craig 25	Colin Dingler 23	Henry Baker 36
MICHELLE HACKMER	400 M. MEDLEY R MIXED 76+	NORTH CAROLINA 1:55.23	Jason Eaddy 27
NEM 2:11.95	TERRAPIN 4:22.07 02	Austin Walker 28	Elizabeth Lowe 27
Amy Mushnik 24	JAMES CROWDER	Sarah Katz 24	PENN 2:14.40
Rebekah Lorenz 23	PETRA ADAMKOVA	Abby Walker 28	Eric Mojock 23
Rick Osterberg 29	RUSSEL PERKINS	Steve Petpsky 26	Emily Mullet 23
Eric Black 22	KATIE DIBLASI	ORLM 1:58.68	Joseph Morozin 43
SWIM KENTUCKY 2:16.05	PENN 4:39.58	Chris McKee 24	Megan L Meyer 29
Lauren Minto 27	Eric Mojock 23	Brian Spaulding 33	BURLINGAME 2:14.92
P Falcone-Cardena 20	Brian M Furlong 26	Niki Downs 26	Greg Davis 30
Jose Manuel Nieto 23	Emily Mullet 23	Linda Visser 33	Robert Mackenzie 29
Katie O'Brien 25	Denise M Morales 23	WH20 2:00.18	Marissa Wong 25
PENN 2:16.48	DCAC 4:44.60	Nik Bonovich 24	Natalie Shukov 31
Denise M Morales 23	David Brand 30	Kira Walker 36	WH20 2:15.02
Shannon Kelly 20	Karin Riesenfeld 22	Susan Trainer 26	Jeff Brooker 25
Brian M Furlong 26	Sin Siong Teo 23	Colin Chih 21	Mia Scampini 25
Alan OConnor 30	Krista Prescott 23	NEM 2:04.05	Susan Trainer 26
MICH 2:17.05	LGB 5:22.67	Rebekah Lorenz 23	Nik Bonovich 24
Erin Lucarotti 22	Marjorie Berger 26	Elizabeth Lazar 23	400 M. FREE REL MIXED 100+
Christina Cauley 21	Alvin Ma 24	Rick Osterberg 29	BURLINGAME 3:49.96 02
Aren Turpening 21	Jacqueline Cole 23	Ken Kwa 30	ANYA KOLBISEN
Tim Lechota 21	Kevin Clark 25	SDSM 2:04.20	NICO GHILARDI
800 M. FREE REL MIXED 76+	SLAM 5:29.67	Matt Alder 29	LIESL TANER
	Li Zou 26	Carolina Sandoval 24	JEFF HENDERSON
	Nicole Kohrt 2	Andrea Lindenberg 32	SCAM 4:08.51
	Leonardo Mendoza 26	Antonio Sandoval 27	Marcus Chung 27
	Dorab Sethna 23	TSUN 2:04.52	Amber Rhett 31
		Donald Gonzales 25	Helen Salcedo 28
		Sara Gilliland 27	Kiet Tran 32
		Waifa Chau 23	PENN 4:12.46

2003 Short-Course Meters - Top-Ten Relays

Brian M Furlong	26	Matt Alder	29	ORLM	2:08.89	BURLINGAME	4:27.18
Joseph Morozin	43	Sam Duke	25	Sean Harrison	34	Chris Chalmers	36
Emily Mullet	23			Brian Spaulding	33	Felicia Ferlin	40
Denise M Morales	23			Kim Rizzo	37	Karin Skaggs	31
NCYM	4:33.35	200 M. FREE REL MIXED 120+		Linda Visser	33	Greg Davis	30
Guillermo Cintron	34	EL SEGUNDO	1:41.37 00	NEM	2:09.23	SAN MATEO	4:29.89
Victoria Anderson	23	BERT BERGEN		Missie Bankes	38	Thomas Huggins	40
Phoebe E Scheel	26	PAIGE FRANCIS		Richard Landry	39	Caroline Chow	24
Michael J Roberts	34	D GRANER-GALLAS		Mark Mitsch	46	Cindy Lee	46
GERM	4:35.84	DEREK ROBINSON		Michele Fox	34	Dan Kenny	46
Jeffrey A Daniels	24	TSUN	1:51.33	NEM	2:11.87	PENN	4:31.11
Nicole L Houvig	24	Alissa Perrucci	33	Jeremy Gross	32	Alan OConnor	30
Jennifer L Halem	32	Lisa Congdon	35	Matthew Camelio	33	Gene Kane	53
Bryan A Main	30	Gabriel Speyer	30	Brandy Hugo	31	Shannon Kelly	20
		Steve Martel	33	Lisa McNamara	27	Jillian Kist	23
400 M. MEDLEY R MIXED 100+		REDT	1:52.47	GSM	2:11.98	MOUNTAIN VIEW	4:41.48
NEW ENGLAND	4:16.58 02	Jonathan P Simon	36	Benjamin Diemer	26	Susan Donahue	43
BENJAMIN LO-PINTO		Anna S Armentrout	32	Laurie DiTommaso	41	David Ferguson	41
S MORAWSKI		Nick Bristol	34	Rhett Brewer	31	Karla Rees	31
JASON EADDY		Ngozi Mony	22	Judy I Ramirez	45	Chris Campbell	42
JESSICA STOKES		DAMM	1:53.30	O*H*I*O MASTERS	2:12.36		
NEM	4:48.37	Dean Carter	38	Kristen Bergmann	31	400 M. MEDLEY R MIXED 120+	
Jason Eaddy	27	Mark Stori	38	Greg Turocy	40	NEW ENGLAND	4:18.78 00
Elizabeth Lazar	23	Jennifer Hinkle	31	Todd Stultz	43	KARI ANDERSSON	
Rebekah Lorenz	23	Stacy Mullikin	30	Georgian Peric	23	BRIAN FEHLAU	
Rick Osterberg	29	NEM	1:55.13	Kyal M Hackett	30	ROBB CARR	
WH20	5:07.10	Jeremy Gross	32	Peter G Koback	35	ROMA KUSZNIER	
Marilyn Chua	23	Brandy Hugo	31	Eunice Tey	33	NEM	4:50.17
Susan Trainer	26	Amy Skrobis	38	B Westerman Kobac	36	Michele Fox	34
Nik Bonovich	24	Matthew Camelio	33	SOBA	2:12.81	Karen Mareb	45
Brandon Del Campo	27	NEM	1:56.96	Bob Eberwine	43	Richard Landry	39
MOVY	5:09.13	Karen Mareb	45	Cynthia Snyder	38	Stephen Bosic	35
Melinda Wulf	25	Michele Fox	34	Steve Kirchner	43	1776	4:50.51
Katherine C Mason	25	Stephen Bosic	35	Angie Richardson	23	Vibeke L Swanson	42
Bryan Fugate	25	Richard Landry	39	UTAH	2:15.06	Esther S Chang	31
Chris Fugate	27	LYTA	1:58.86	Daniel Woods	42	Arthur T Zawodny	37
DCAC	5:15.88	Monica Hare	29	Elizabeth Watkins	38	Chris Lebold	35
Thomas Buerger	33	Keith DeSouza	28	Kyle Treadway	43	DAMM	4:56.54
Christina West	27	Kristin Larson	37	Lyle Bills	35	Stacy Mullikin	30
Matthew Holder	26	William Crawford	47	400 M. FREE REL MIXED 120+		William Kritzer	46
Amy Oggel	33	UTAH	2:00.56	SAN DIEGO	3:54.42 96	Dan Joyner	40
		Kyle Treadway	43	ALAN VOISARD		Jennifer Hinkle	31
		Nicci Van Dyke	25	STEPHEN SEGRETO		GOST	4:59.24
		Elizabeth Watkins	38	K PIPES-NEILSEN		Sophie Dryer	33
		Doug Fadel	34	VICKY DAVIDSON		Todd Radel	31
		ART	2:00.71	FIRE	4:00.11	Hugo Caldas	26
		Ian Gibson	32	Johan Steiner	38	Julia Applegate	33
		Kim Viglione	42	Suzanne Baker	28	MVM	5:00.97
		Kim Capicik	35	Catherine Liang	29	Dave Furgeson	41
		Stephen Julien	36	Terry DeBiase	38	Lisa Barella	28
		SOBA	2:01.57	DCAC	4:08.23	Susan Donahue	43
		Angie Richardson	23	Matthew Kinney	33	Emeric Mc Donald	41
		Cynthia Snyder	38	Karin Riesenfeld	22	MVM	5:03.95
		Steve Kirchner	43	Amy Oggel	33	Misa Suguira	34
		David Bird	40	Corey Carlisle	32	Alan Liu	31
		UCI	2:01.75	NEM	4:10.55	Kathy Hoerber	35
		Magid Ahmadi	31	Jeremy Gross	32	Kurt Scheinpflug	32
		Mara Matl	36	Matthew Camelio	33	NEM	5:07.69
		Monica Fox	29	Brandy Hugo	31	Jeremy Gross	32
		Liam Murphy	31	Lisa McNamara	27	Matthew Camelio	33
		200 M. MEDLEY R MIXED 120+		DAMM	4:15.15	Brandy Hugo	31
		EL SEGUNDO	1:53.07 00	Brad Levinson	47	Wyske Kingma	41
		PAIGE FRANCIS		Mark Stori	38	ART	5:08.18
		BERT BERGEN		Stacy Mullikin	30	Stephen Julien	36
		MARK RINZLER		Jennifer Hinkle	31	Wendy Kellner	28
		D GRANER-GALLAS		MENLO MASTERS	4:18.70	Sean Fitzgerald	40
		REDT	2:05.57	Susie Grant	35	Andrea Timpeiro	37
		Kristin Gary	36	Lisa Sheeper	39	MVM	5:32.25
		Russel J Leighty	35	Andres Mediavilla	28	Chris Campbell	42
		Karen Schneider	36	Ed Owen	32	Cathryn Donohue	33
		Joshua R Powell	25	NEM	4:21.37	Laura Mauer	26
		DAMM	2:06.64	Michele Fox	34	Bob McKee	44
		Stacy Mullikin	30	Michele Roy	39	FINS	5:34.29
		Mark Stori	38	Richard Landry	39	John Roman	48
		Dan Joyner	40	Stephen Bosic	35	Michelle Lambert	31
		Jennifer Hinkle	31			Tuan Vu	41
						Carolyn Placke	39

2003 Short-Course Meters - Top-Ten Relays

800 M. FREE REL MIXED 120+	Jeanne Siragusa 43	George Schmidt 53	OLYMPIC CLUB 4:32.89 95
CRESENT HILL 8:52.75 97	Mike Siragusa 39	Peggy McDonnell 48	FRED FERROGGIARO
BRAD SCHMIED	Gary Zarkis 43	Anne Laborwit 53	ROBERT STRAND
GINA GATTI	NPBM 1:57.89	MENLO MASTERS 2:11.65	LYNN JOLLY
DONNA JOHNSON	Sarah J Mooney 33	Tasha Capen 37	DANIELLE OGIER
MIKE NEAL	Mark B Patten 25	Jana Matena 41	SDSM 5:05.45
TSUN 9:21.67	Dale R Millner 35	Brad Howe 41	K Pipes-Neilsen 41
Alissa Perrucci 33	Jan P Vandersluis 74	Phil Arcuni 45	Kenton Jones 36
Lisa Congdon 35	1776 1:57.92	1776 2:12.04	Matt Shade 36
Brad Hise 32	Laurie Hug 38	Laurie Hug 38	Adrienne Pipes 69
Geoffrey Glaser 39	Steve Kelly 46	Steve Kelly 46	SKY 5:48.11
DAMM 9:27.73	Vibeke L Swanson 42	Vibeke L Swanson 42	William Tingley 53
Brad Levinson 47	Craig W Stevens 50	Herb Merkert 39	Frances B Jones 41
Jennifer Hinkle 31	ARIZ 1:59.40	MENLO MASTERS 2:15.41	James Luebbe 36
Stacy Mullikin 30	Kathi Lindstrom 50	Jane Stites-Burks 46	Valarie Davisson 41
Mark Stori 38	Stephen So 29	Frances Reneau 44	WH20 5:50.20
PENN 9:57.92	Evie Lynch 51	Al Humphrey 44	Carole Shigaki 48
Emily Mullet 23	Jeff LeGore 43	Tom Anderson 42	Bernard LaFianza 41
Terri Cecatiello 44	NEM 2:00.35	400 M. FREE REL MIXED 160+	Charles Larson 51
Alan OConnor 30	Michael Hirst 43	SAN DIEGO 3:57.64 96	Cynthia McGuineas 44
Gene Kane 53	Bill Volckening 37	K PIPES-NEILSEN	800 M. FREE REL MIXED 160+
ART 10:10.62	Lori Hennessey 43	BETH KNIGHT	SAN DIEGO 8:53.46 97
Stephen Julien 36	Tracy Grilli 46	LARRY CARTWRIGHT	JIM BOSWELL
Kim Viglione 42	UTAH 2:03.46	LEE MENCH	K PIPES-NEILSEN
Wendy Kellner 28	Daniel Woods 42	MENLO MASTERS 4:13.13	BARBARA DUNBAR
Sean Fitzgerald 40	James Viney 55	Tasha Capen 37	LEE MENCH
FINS 10:46.34	Priscill Kawakami 53	Jana Matena 41	O*H*I*O MASTERS 9:19.85
Keith Joslin 39	Julie Bills 35	Tom Anderson 42	Kristen Bergmann 31
Merrill Hilf 43	PENN 2:04.43	Al Humphrey 44	Jack Groselle 49
Blake Marshall 45	Joseph Morozin 43	HSAM 4:15.87	Laura Kessler 43
Michelle Lambert 31	Barbara Burke 42	S Lovell-Hampton 37	Todd Stultz 43
SWIM 10:47.66	Jay R Platt 56	Vernon S Rogers 42	1776 9:38.32
Rob Irving 34	Caroline Stein 33	Lee E Mench 51	Vibeke L Swanson 42
Betzy Borsheski 27	MVN 2:05.93	Nancy A North 35	Jason S Craig 25
Troy Thompson 31	Colleen Chandler 44	MENLO MASTERS 4:18.62	James Mogal 57
Adrienne Seal 38	Kevin Weissman 41	Frances Reneau 44	Laurie Hug 38
SWIM KENTUCKY 10:50.30	Val Trowbridge 49	J Stites-Burkes 46	SDSM 9:45.66
Kirk Buese 43	Lisa Augerson 40	Phil Arcuni 45	Annette Bernier 41
Pamela Haeberlin 40	200 M. MEDLEY R MIXED 160+	Jim Kemp 48	Patricia Thomas 45
Bobbi Quesenberry 36	SAN DIEGO 1:59.93 99	Terri Cecatiello 44	Abel Menchaca 46
James Luebbe 36	K PIPES-NEILSEN	Paul B Sweeney 52	Mark Wussler 48
GAJA 11:00.62	CAROLINE KRATTLI	Patricia Flynn 27	PENN 10:09.06
Gary Vogin 40	CHRIS DIXON	Terri Cecatiello 44	Jay R Platt 56
Nico Kock 36	JOSEPH KERNAN	BURLINGAME 4:25.82	Paul B Sweeney 52
Liz Myers 29	GSM 2:06.78	Scotia Miller 38	Janice A Lukasik 45
Jennifer Adley 25	Amy S Carow 42	Richard Garrett 50	Jillian Kist 23
LBG 11:15.49	Ben Doyle 45	Traci Yerby 37	MVM 10:37.48
Jacqueline Cole 23	Rebecca Kalibat 40	Mike Mc Aweeney 40	Mark Norman 49
Enrique Ochoa 21	Tom Edenbaum 37	ROLLING HILLS 4:26.76	Susan Donahue 43
Pat Clair Hayes 50	MACO 2:07.07	Duncan Ross 38	Karla Rees 31
Howard Ferguson 49	David Burleson 46	Cassandra Coffee 42	Chris Campbell 42
GOST 11:17.91	Tomas Oliva 41	Betsy Ross 37	SOBA 11:16.87
Julia Applegate 33	Robin Parisi 49	Ken Ericsson 43	Angie Richardson 23
Paul Hinders 53	Sharon Foley 43	1776 4:27.86	Cynthia J Snyder 38
Sophie Dryer 33	PENN 2:07.68	James Mogal 57	Stephen R Hyde 54
Rick Edwards 37	Caroline Stein 33	Vibeke L Swanson 42	Eric R Anderson 59
200 M. FREE REL MIXED 160+	Jay R Platt 56	Laurie Hug 38	SWIM KENTUCKY 11:54.10
SAN DIEGO 1:47.38 96	Terri Cecatiello 44	Herb Merkert 39	Mariam Ballantine 38
BETH KNIGHT	Paul B Sweeney 52	NEM 4:28.48	Betsy Whittemore 50
K PIPES-NEILSEN	ORLM 2:08.89	Bill Volckening 37	Scott Whittemore 49
LARRY CARTWRIGHT	Cathy Shonkweiler 43	Michael Hirst 43	R Rubenstein 49
LEE MENCH	Steve Boney 36	Tracy Grilli 46	MOVY 13:50.96
ORLM 1:50.25	Arnaldo Perez 45	Lori Hennessey 43	David C Blair 37
Scot Weiss 38	Kathy Marques 37	BURLINGAME 4:35.75	Anna Lea Roof 42
Kathy Marques 37	BURLINGAME 2:10.01	James Fregosi 43	Janet Bereolos 57
Cathy Shonkweiler 43	Scotia Miller 38	Kate Mulligan 44	Greg Clevenger 50
Frederick Ehmke 49	Jim Fregosi 43	Laura Gardner 45	200 M. FREE REL MIXED 200+
GSM 1:53.57	Kate Mulligan 44	Steve Pratt 45	NEM 1:49.36 02
Ed Tsuzuki 45	Mike Mc Aweeney 40	ART 4:46.53	DANIEL ROGACKI
Rebecca Kalibat 40	GSM 2:10.48	John Ladky 52	JOEL FELDMANN
Nancy Shapiro 45	Ken Niemi 48	Lisa Capicik 35	JENNIFER LUKER
Oscar J Gonzalez 43	Robert K Erlanger 49	Kim Viglione 42	GREG SHAW
HLJ 1:57.11	Holly M Houston 51	Sean Fitzgerald 40	SDSM 1:57.11
Jean Bancks 47	Millicent Kaplan 48	400 M. MEDLEY R MIXED 160+	
	GOLD 2:11.48		
	Michael Boosin 37		

2003 Short-Course Meters - Top-Ten Relays

Barbara G Dunbar	54	Jackie Marr	60	Charles Doleac	56	Ken Beier	54
Mike Ahern	58	K Pipes-Neilsen	41	Ann Richard	44	Peter Beard	44
K Pipes-Neilsen	41	Andrew Haugh	41	Susan Barbary	53	GAJA	11:39.80
Mike Keeney	49	Don Baker	72	Byron Siegal	56	Bill Lotz	54
MVN	2:12.04	ORLM	2:25.08	LBG	6:44.70	F Williamson	55
Joy Leutner	45	Ana Zoloir	51	Patricia Nielson	71	Teresa McDowell	53
Dieter Rapp	50	L OstertagNewsom	48	Cathy Heriot	50	John Zeigler	58
Bob Rolph	72	John McCall	52	Edward Mealey	49		
Tami Engel	40	Frederick Ehmke	49	Howard Ferguson	49	200 M. FREE REL MIXED 240+	
ANCM	2:15.79	WMAC	2:25.13			SAN DIEGO	2:05.91 03
Bruce A Amato	52	Becky Heller	39	400 M. MEDLEY R MIXED 200+		VINUS VAN BAALEN	
Myriam Pero	54	Bela Sandor	68	GOLD COAST	4:49.13 03	JACKIE MARR	
Margot Pettijohn	57	Mike Ziniel	56	JOHN SPIRE		LYNNE LUND	
David C Harmon	54	Sandra Smith	42	DEBBIE CAVANAUGH		MICHAEL AHERN	
DCAC	2:19.11	ROLLING HILLS	2:25.50	BIRGIT LOHBERG		SDSM	2:05.91
Dale Barnhard	56	Felicia Eriksen	47	CAV CAVANAUGH		Vinus Van Baalen	61
Ken Beier	54	Don Davis	59	GOLD	4:49.13	Jackie Marr	60
Ellyn Vail	54	Bill Adkison	48	John Spire	51	Lynne Lund	63
Charlie McManus	42	Susie Powell	51	Debbie Cavanaugh	45	Michael Ahern	58
HIMA	2:21.06	ANCM	2:29.47	Birgit Lohberg	38	OREG	2:06.56
Spencer Eldred	47	Thomas A Denes	46	Cav Cavanaugh	68	Robert S Smith	60
Kimberly Delmore	27	Margot Pettijohn	57	1776	5:35.19	Barbara Frid	61
Susie Baker	55	Bruce A Amato	52	Patty Webb	46	Joy Ward	61
Mo Mathews	76	Myriam Pero	54	Janet Jastremski	55	Tom Landis	61
NEM	2:22.36	HLJ	2:30.79	J Bronfenbrenner	56	HSAM	2:37.25
Art Scott	70	Margaret Rowe	50	Warren J Fisher	47	Douglas Selby	58
Helen Bodell	41	Bill Pillmore	55	DCAC	5:38.00	David Szuch	60
Lynn Lamore	42	Doug Rowe	50	Vivian Young	48	Marilyn Ramey	63
Bob Bourassa	62	Jean Bancks	47	Dale Barnhard	56	Marlee Valderhaug	62
ORLM	2:22.54			Dawson Nash	50	NEM	2:50.02
Nancy Guinn	50	400 M. FREE REL MIXED 200+		Jeffrey Kenney	46	Alan Johnson	66
Ana Zoloir	51	SAN DIEGO	4:10.72 03	Paulo Figueiredo	57	Susan Read	58
Christian Iselin	60	BARBARA DUNBAR		Jessica Seaton	50	Manya Hult	58
Jim McIntosh	51	MICHAEL AHERN		Daniel Evans	47	Phil Read	61
WH20	2:27.12	K PIPES-NEILSEN		Mary Church	53	PARRIS ISLAND	2:51.76
Bernard LaFianza	41	MIKE KEENEY		MICH	6:29.67	Pete Palmer	68
Mary Church	53	SDSM	4:10.72	Martha Childs	49	JoAnn Chapman	59
Jessica Seaton	50	Barbara G Dunbar	54	Frank Thompson	52	Martha Davis	63
Paulo Figueiredo	57	Mike Keeney	49	Ann Marie Schmidt	52	Joe Williams	64
TEAM GREENVILLE	2:28.18	K Pipes-Neilsen	41	Richard Specht	50	SPM	2:51.77
Alan Robinson	44	Mike Ahern	58	NEM	6:44.43	Elaine Bromwich	61
Mark Stone	47	ROLLING HILLS	4:40.18	Ruth Stavis	66	Sandy Steer	64
Kim Baxter	55	Eric van Boer	49	Judith Sharlin	50	Richard Avery	80
Mary Lou Hill	55	Susie Powell	51	Ross Fuerman	50	Harold Ferris	73
FINS	2:29.56	Felicia Eriksen	47	Stephen Roach	53	MICH	3:01.57
Barbara D Baudot	52	Don Davis	59	HSAM	6:46.64	Donald Kroeger	60
Beverly Salvetti	66	DCAC	5:01.69	Diane Flaherty	58	Paul Chaffee	61
Robert A Sigerson	66	Dale Barnhard	56	Ron Schafer	46	Edith Glusac	85
Charlie Hoolihan	50	Vivian Young	48	Lee Mench	51	Laura Gogola	67
		Ken Beier	54	Bernie Pollett	67	DCAC	3:08.06
200 M. MEDLEY R MIXED 200+		Peter Beard	44	ART	6:55.06	Suzanne Bolton	57
NEM	2:03.52 02	ROLLING HILLS	5:10.61	Kim Viglione	42	Marcay Dickens	69
JOEL FELDMANN		James Cochran	45	Michelle Martin	54	Dick Keiser	59
DANIEL ROGACKI		Gillian Clark	55	John Ladky	52	John Vail	55
GREG SHAW		Maggie Tevis	55	David Saitta	53	ES	3:23.65
JENNIFER LUKER		Bill Adkison	48	SLAM	7:39.12	Mary B Verdigets	36
GOLD	2:05.70	MICH	5:24.15	Mary McNamee	37	Dick Bower	73
Debbie Cavanaugh	45	Frank Lenik	57	Michael McNamee	62	Barbara Bower	65
Timothy Shead	51	Donald Kroeger	60	Susan Richmond	42	Maurice M Stern	87
Birgit Lohberg	38	Maddie Diedo	45	William Cannon	73	PARRIS ISLAND	3:59.47
Cav Cavanaugh	68	Roseann Kirchhoff	45			Bill Jenkins	69
SDSM	2:11.82	BURLINGAME	5:36.75	800 M. FREE REL MIXED 200+		Shayne Bell	61
Vinus Van Baalen	61	J Vanderfleet-Sco	49	NEW ENGLAND	9:11.93 02	Kathryn Johnston	60
Laura Galinson	40	Gary Gerttula	49	GREG SHAW		Philip Nuebig	74
Patricia Thomas	45	Barb Klencke	46	JACKI HIRSTY		200 M. MEDLEY R MIXED 240+	
Mike Ahern	58	Tom Mackenzie	57	TRACY GRILLI		SAN DIEGO	2:23.09 03
SLAM	2:20.24	MOVY	5:54.43	DANIEL ROGACKI		JACKIE MARR	
Mary McNamee	37	Chip Glidden	53	NEM	10:47.18	PETER ANDERSEN	
Michael McNamee	62	Janet Bereolos	57	Dave Carchedi	49	MICHAEL AHERN	
Susan Richmond	42	Kelly L Brown	44	Nancy Tsonos	52	LYNNE LUND	
William Cannon	73	Greg Clevenger	50	Jacki Hirsty	51	SDSM	2:23.09
DCAC	2:20.45	GAJA	5:55.29	Frank McQuiggan	55	Jackie Marr	60
Dawson Nash	50	John Zeigler	58	DCAC	11:16.82	Peter Andersen	60
Dale Barnhard	56	Sandy Skarsaune	60	Vivian Young	48	Michael Ahern	58
Alan Godfrey	46	Winifred Prall	56	Dale Barnhard	56	Lynne Lund	63
Vivian Young	48	Stephen Bussman	49				
SDSM	2:24.60	NEM	5:56.35				

2003 Short-Course Meters - Top-Ten Relays

<p>IM Mary-M Pohlmann 58 E Seyferth 45 Thomas O Maine 78 John T Pohlmann 60 MENLO MASTERS 3:09.32 Lois French 67 Ann Long 61 Murray McLaughlin 62 Dave Gildea 60 MICH 3:11.41 Donald Kroeger 60 Paul Chaffee 61 Edith Glusac 85 Laura Gogola 67 SPM 3:12.07 Richard Avery 80 Elaine Bromwich 61 Harold Ferris 73 Sandy Steer 64 NEM 3:13.98 Alan Johnson 66 Ann Fredette 58 Phil Read 61 Susan Read 58 PARRIS ISLAND 3:19.34 Martha Davis 63 JoAnn Chapman 59 Pete Palmer 68 Joe Williams 64 WALNUT CREEK 3:29.05 Pam Taub 53 Joyce Haworth 66 Stan Pedder 68 Stan Morner 69 FMM 3:29.52 Margie Hutinger 63 Doris Prokopi 68 James Browne 65 James Pitts 73 ES 3:38.58 Barbara Bower 65 Patricia F Arnold 64 Michael J Moran 46 Maurice M Stern 87 400 M. FREE REL MIXED 240+ SAN DIEGO 4:50.91 01 JEANNE LITTLE JACKIE MARR BILL EARLEY MICHAEL AHERN NEM 6:13.22 Alan Johnson 66 Ann Fredette 58 Phil Read 61 Susan Read 58 MENLO MASTERS 6:36.65 Mary Jasek 49 Sue Mc Glennon 53 John Sulzbach 69 Charlie Ammann 72 DCAC 7:13.37 Suzanne Bolton 57 Dick Keiser 59 Marcay Dickens 69 John Vail 55 HSAM 7:18.07 Llew K Munter 45 Graham Judson 75 Elfriede R Lehto 70 Bernie Pollett 67 400 M. MEDLEY R MIXED 240+ SAN DIEGO 5:28.87 01 BETSY JORDAN</p>	<p>JACKIE MARR MICHAEL AHERN STEVE MOSELEY FMM 7:32.76 Harrison Homans 75 Jean Allen 63 Matthew Watkins 30 Florence Carr 78 NEM 7:36.66 Alan Johnson 66 Susan Read 58 Manya Hult 58 Phil Read 61 DCAC 8:50.08 Suzanne Bolton 57 John Vail 55 Dick Keiser 59 Marcay Dickens 69 800 M. FREE REL MIXED 240+ SAN DIEGO 10:53.84 01 STEVE MOSELEY BETSY JORDAN MICHAEL AHERN JACKIE MARR HSAM 13:25.10 Ron Schafer 46 Lee Mench 51 Nancy Reed 76 Bernie Pollett 67 HSAM 15:37.89 Rebecca M Jackman 40 Paul M Nagel 57 Graham Judson 75 Elfriede R Lehto 70 DCAC 15:56.77 Suzanne Bolton 57 Marcay Dickens 69 Dick Keiser 59 John Vail 55 FMM 17:56.56 Frank Tillotson 89 Gladys Olsen 77 Ruth Thompson 53 Matthew Watkins 30 200 M. FREE REL MIXED 280+ SAN DIEGO 2:29.78 99 JEANNE LITTLE BETSY JORDAN DONALD HUBBARD JIM EUBANK SDSM 2:30.28 Adrienne Pipes 69 Duane Draves 77 Betsy Jordan 66 Donald Baker 72 NEM 3:31.69 Rita Printy 80 Gordon Ayers 72 Clive Dyson 69 Aagje Caron 62 200 M. MEDLEY R MIXED 280+ SAN DIEGO 2:49.11 03 BETSY JORDAN BOB BEST DUANE DRAVES ADRIENNE PIPES SDSM 2:49.11 Betsy Jordan 66 Bob Best 71 Duane Draves 77 Adrienne Pipes 69 ARIZ 3:08.15</p>	<p>Ron Johnson 72 Dan Gruender 74 Nancy Kinney 74 Edie Gruender 75 WALNUT CREEK 3:10.39 Robert Mayo 70 Jae Howell 80 Emory Haworth 67 Joan Alexander 71 400 M. FREE REL MIXED 280+ OJAI S BARBARA 5:49.30 95 FRANK PIEMME RUTH BAAR GRACE ALTUS JURGEN SCHMIDT NO RELAYS 400 M. MEDLEY R MIXED 280+ FLA MAVERICK 6:34.16 00 PAUL HUTINGER ALAN MALONEY PATRICIA TULLMAN JEAN TROY FMM 7:59.19 Robert Williams 76 Brud Cleaveland 86 Patricia Tullman 66 Ruth Thompson 53 800 M. FREE REL MIXED 280+ SAN DIEGO 12:50.06 02 JIM EUBANK ADRIENNE PIPES DUANE DRAVES BARBARA DUNBAR FMM 14:38.27 Jean Troy 76 Patricia Tullman 66 Harrison Homans 75 James Pitts 73 FMM 16:09.08 Brud Cleaveland 86 Robert Williams 76 Florence Carr 78 Holly Vaughn 42 200 M. FREE REL MIXED 320+ FLA MAVERICKS 2:57.86 03 FLORENCE CARR JUNE REYNOLDS PAUL HUTINGER BRUD CLEAVELAND FMM 2:57.86 Florence Carr 78 June Reynolds 81 Paul Hutinger 79 Brud Cleaveland 86 COAST 3:30.75 Louise Bowersock 81 Maurine Kornfeld 82 Walt Pfeiffer 90 Woody Bowersock 90 200 M. MEDLEY R MIXED 320+ FL MAVERICKS 3:26.35 03 PAUL HUTINGER JUNE REYNOLDS JEAN TROY BRUD CLEAVELAND FMM 3:26.35 Paul Hutinger 79 Gertrud Zint 86</p>	<p>Jean Troy 76 Brud Cleaveland 86 1776 4:18.09 Jeanne Merryman 80 Norman Garsoe 80 Mary Wixted 81 Clarence Webb 81 COAST 4:48.95 Woody Bowersock 90 Walt Pfeiffer 90 Maurine Kornfeld 82 Louise Bowersock 81 400 M. FREE REL MIXED 320+ SAN DIEGO 6:57.44 01 JERRY SIEFERT ANN DALLAM DIANA SILVA JIM EUBANK NO RELAYS 400 M. MEDLEY R MIXED 320+ SAN DIEGO 8:29.59 01 JERRY SIEFERT ANN DALLAM DIANA SILVA JIM EUBANK NO RELAYS 800 M. FREE REL MIXED 320+ SAN DIEGO 16:00.93 01 JERRY SIEFERT ANN DALLAM DIANA SILVA JIM EUBANK NO RELAYS 200 M. MEDLEY R MIXED 360+ COAST MSTRS 5:12.04 03 MADELEINE MILLER MAXINE MERLINO WALTER PFEIFFER WOODROW BOWERSOCK CM 5:12.04 Madeleine Miller 93 Maxine Merlino 91 Walter Pfeiffer 90 Woody Bowersock 90</p>
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Errata for 2002-2003 Long-Course Meters

WOMEN 30-34		6:13.17 Ann Lyttle 55		2:06.89 Virginia Enos 70	
=====		6:19.10 Janet Gettling 55		2:07.34 Joan Campbell 73	
• 50 M. FREESTYLE		6:20.77 Mary Pohlmann 58		• 200 M. BACKSTROKE	
28.14 Heather M Hageman 33		6:21.08 Joanne Menard 55		3:30.86 Lavelle Stoinoff 70	
28.30 Nadine Day 33		6:22.36 Jane Y Gram 57		4:01.96 Nancy Kinney 74	
28.81 Trish Seubert 34		6:24.21 Lynn Cartee 56		4:03.71 Lida A Gaschke 71	
28.98 Andrea Morrison 30		6:26.22 Ann Svenson 58		4:09.78 Ann Hirsch 72	
29.02 Beth Isaak 31				4:11.08 Sylvia Eisele 74	
29.07 Jeni Buys 34		WOMEN 60-64		4:11.91 S Robbins-Bonitz 70	
29.11 Sunny Smiley 33		=====		4:20.53 Barbara Allen 70	
29.69 Amy K Weiss 31		• 100 M. BACKSTROKE		4:27.24 Barbara Callison 70	
29.90 Michelle Ghiggeri 34		1:34.87 Joy Ward 61		4:29.00 Joan Campbell 73	
30.18 Louise Martin 34		1:35.16 Sarah Kopsky 62		4:29.91 Virginia Enos 70	
• 100 M. FREESTYLE		1:36.11 Barbara Frid 61			
59.62 Nadine K Day 33		1:36.20 Jane Katz 60		MEN 25-29	
1:03.33 Trish Seubert 34		1:40.02 Lynne Lund 63		=====	
1:03.37 Andrea Morrison 30		1:40.07 Betsy Durrant 62		• 50 M. FREESTYLE	
1:03.48 Heather M Hageman 33		1:45.28 Susan Meyers 61		24.04 Brian Jacobson 29	
1:03.54 Jeni Buys 34		1:46.02 Jennifer Parks 60		24.81 Adam M Conway 25	
1:03.61 Sunny C Smiley 33		1:50.02 Judy Martin 61		25.18 Jason Eaddy 27	
1:04.00 Beth Isaak 31		1:52.24 Nancy Kirkendall 60		25.19 Nei-Kuan Chia 26	
1:04.00 Louise Martin 34				25.20 Van Fletcher 28	
1:05.70 Fiona Petersen 30		WOMEN 70-74		25.29 Robert Mackenzie 29	
1:06.01 Amy K Weiss 31		=====		25.37 Shawn W Markey 26	
• 200 M. FREESTYLE		• 50 M. FREESTYLE		25.37 Daichi Kato 25	
2:11.11 Nadine Day 33		36.95 Gail Roper 74		25.54 Frank Byskov 27	
2:15.04 Katrina Radke 33		41.91 Barbara Jackson 74		25.68 Harry Ein 25	
2:17.54 Trish Seubert 34		43.44 Nancy Kinney 74		• 200 M. FREESTYLE	
2:18.85 Sandie Easton 34		44.93 Kathie Theis 71		2:00.48 Frank Byskov 27	
2:20.05 Fiona Petersen 30		44.99 Barbara Callison 70		2:01.20 Jason Eaddy 27	
2:20.12 Dana C Woody 34		45.57 Ann Hirsch 72		2:02.88 Adam Dawkins 28	
2:20.71 Jeni Buys 34		46.15 Georgia Groggin 74		2:02.92 Harry Ein 25	
2:20.96 Beth Isaak 31		46.41 Dionne Caldwell 71		2:02.99 Brian M Furlong 26	
2:23.89 Louise Martin 34		47.25 Mary Ann Haragan 70		2:07.24 Keith R Fuhrhop 26	
2:24.01 Jennifer Barrera 30		47.37 Laurine Schuler 73		2:07.76 Dane K Bowker 29	
• 50 M. BUTTERFLY		• 200 M. FREESTYLE		2:09.05 Gian J Scozzaro 29	
29.56 Sunny C Smiley 33		2:57.28 Lavelle Stoinoff 70		2:09.21 Richard S Munson 28	
30.16 Nadine Day 33		3:27.32 Ann Hirsch 72		2:12.97 Cub Campbell 29	
31.43 Heather M Hageman 33		3:38.19 Donna Monroe 70			
31.58 Andrea Morrison 30		3:40.69 Joan Alexander 71			
31.95 Trish Seubert 34		3:43.72 Barbara Callison 70			
32.41 Michele Huyette 34		3:49.88 Joan Campbell 73			
32.44 Jennifer Barrera 30		3:52.79 Dionne Caldwell 71			
32.89 Laura VonGluck 33		3:55.38 Nancy Durstein 74			
33.22 Annette Harris 31		4:03.51 Barbara Owens 74			
33.24 Kelly Christensen 31		4:11.91 Dolly Hinckley 73			
• 100 M. BUTTERFLY		• 400 M. FREESTYLE			
1:05.71 Nadine K Day 33		6:11.92 Lavelle Stoinoff 70			
1:08.68 Sunny Smiley 32		7:14.03 Ann Hirsch 72			
1:10.21 Sandie Easton 34		7:27.30 Lida A Gaschke 71			
1:10.80 Trish Seubert 34		7:42.37 Donna Monroe 70			
1:14.63 Dana C Woody 34		7:57.51 Joan Campbell 73			
1:14.86 Kelly Christensen 31		7:59.45 Nancy Durstein 74			
1:15.86 Annette Harris 31		8:10.35 Dionne Caldwell 71			
1:16.22 Mary DeMilia 32		8:42.00 Jean Duncan 71			
1:17.72 Jennifer Uible 34		9:04.13 Barbara Eisele 73			
1:20.76 Julie Pausch 31		9:15.53 Renee Protopapas 74			
WOMEN 40-44		• 50 M. BACKSTROKE			
=====		49.48 Barbara Jackson 74			
• 800 M. FREESTYLE		50.48 Lavelle Stoinoff 70			
9:21.75 K Pipes-Neilsen 41		51.12 S Robbins-Bonitz 70			
9:55.23 Denise H Brown 44		51.27 Nancy Kinney 74			
9:57.65 Caroline Krattli 41		51.76 Ann Hirsch 72			
10:10.04 Margee Curran 42		53.47 Barbara Allen 70			
10:16.87 Rebecca Kalibat 40		58.11 Lois E Olsen 71			
10:22.82 Andrea J Block 42		58.32 Lilly Kron 72			
10:25.77 Vibeke Swanson 42		58.33 Kathie Theis 71			
10:26.37 Marguerite Meyer 44		58.52 Virginia Enos 70			
10:27.74 Anna R DeLozier 40		• 100 M. BACKSTROKE			
10:35.27 Amy S Carow 42		1:40.88 Lavelle Stoinoff 70			
WOMEN 55-59		1:49.31 Barbara Jackson 74			
=====		1:51.22 Lida A Gaschke 71			
• 400 M. FREESTYLE		1:55.97 Nancy Kinney 74			
5:30.61 F Williamson 55		1:56.20 Ann Hirsch 72			
5:41.90 Marcia L Barry 55		1:56.42 S Robbins-Bonitz 70			
6:11.83 Jackie Quattro 56		2:00.47 Barbara Allen 70			
		2:05.14 Barbara Callison 70			

FINA Masters World Records - Long-Course Meters

(as of 11-1-03)

WRL LCM RECORDS AS OF 11-01-03									
***** M E N *****					***** W O M E N *****				
***** 25-29 *****					***** 30-34 *****				
Time	Date	Country	Name	Age	Time	Date	Country	Name	Age
22.59	08-28-83	USA	KEVIN DEFORREST	50 M.	FREE	ALISON SHEPPARD	GBR	05-31-98	26.20
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	KAORU ONO	JPN	09-27-98	30.73
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	DIANE GRANER	USA	08-20-89	2:19.97
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
2:05.25	- -84	TCH	M LUKASEK	200 M.	FLY	S PALMER-WHITE	AUS	- -92	2:18.69
				100 M.	I.M.				
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
***** M E N *****					***** W O M E N *****				
***** 30-34 *****					***** 35-39 *****				
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	SEBESTIAN 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
29.38	03-02-03	JPN	HIDEAKI TOGO	50 M.	BRST	WENKE HANSEN	USA	08-23-99	33.84
1:05.02	08-26-99	GBR	NICK GILLINGHAM	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
56.49	11-14-99	BRA	ROBERTO NETO	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
				100 M.	I.M.				
2:08.89	07-29-00	FRA	NICOLAS GRANGER	200 M.	I.M.	NADINE DAY	USA	08-17-03	2:25.63
4:39.92	07-31-00	FRA	NICOLAS GRANGER	400 M.	I.M.	HIDEKA KOSHIMIZU	JPN	10-22-95	5:05.05
***** M E N *****					***** W O M E N *****				
***** 35-39 *****					***** 40-44 *****				
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
27.60	08-01-99	USA	J CLAY BRITT	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	CAROLINE KRATTLI	USA	08-18-01	33.91
1:05.03	08-23-98	USA	WALLY DICKS	100 M.	BRST	CAROLINE KRATTLI	USA	08-17-01	1:13.81
2:24.37	08-04-95	USA	DAVID GUTHRIE	200 M.	BRST	CAROLINE KRATTLI	USA	08-19-01	2:41.76
25.77	07-29-00	USA	TYLER JOURDONNAIS	50 M.	FLY	TRACIE MOLL	USA	08-23-99	28.32
56.39	08-01-00	USA	TYLER JOURDONNAIS	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
				100 M.	I.M.				
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 *****				
***** 40-44 *****					***** 45-49 *****				
24.14	07-13-03	USA	DAVID BOATWRIGHT	50 M.	FREE	MARIA DOELGER	USA	08-17-03	26.88
53.69	12-01-02	BRA	CYRO DELGADO	100 M.	FREE	MARIA DOELGER	USA	08-17-03	58.43
1:58.61	08-17-01	USA	PAUL SMITH	200 M.	FREE	K PIPES-NEILSEN	USA	08-11-02	2:09.73
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	LAURA VAL	USA	05-29-94	32.25
1:00.91	08-18-02	USA	CLAY BRITT	100 M.	BACK	K PIPES-NEILSEN	USA	08-11-02	1:09.38
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	06-08-02	1:05.70
2:07.82	08-18-01	USA	DENNIS BAKER	200 M.	FLY	K PIPES-NEILSEN	USA	05-25-03	2:25.69
				100 M.	I.M.				
2:15.53	08-14-98	USA	JAMES SORENSEN	200 M.	I.M.	K PIPES-NEILSEN	USA	08-11-03	2:27.28
4:49.62	07-31-00	POL	DARIUSZ WOLNY	400 M.	I.M.	K PIPES-NEILSEN	USA	05-25-03	5:12.58

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***** M E N *****			45-49			***** W O M E N *****		
24.65	07-21-03	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	LAURA VAL	USA	07-27-97 1:12.70
2:18.61	08-17-03	CAN	WIESLAW MUSIAL	200	M. BACK	PATTY LANDERS	USA	08-19-01 2:38.04
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	LAURA VAL	USA	08-23-98 1:08.02
2:10.97	08-11-02	USA	PAUL CARTER	200	M. FLY	LAURA VAL	USA	08-23-98 2:31.37
				100	M. I.M.			
2:19.69	08-11-02	USA	PAUL CARTER	200	M. I.M.	COLETTE CRABBE	USA	08-17-03 2:35.74
5:06.32	08-11-02	USA	GREGORY DOZER	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
56.44	08-11-03	USA	LEE MENCH	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
30.36	07-13-03	USA	CASEY CLAFLIN	50	M. BACK	J SWAGERTY-HILL	USA	08-18-02 32.87
1:06.36	04-07-03	FRA	V GALAVTINE	100	M. BACK	J SWAGERTY-HILL	USA	08-18-02 1:14.44
2:25.70	08-20-00	USA	JIM MCCONICA	200	M. BACK	LAURA VAL	USA	07-14-02 2:46.81
32.16	08-23-98	USA	ROBERT STRAND	50	M. BRST	JAN MACLEOD	AUS	05-03-97 38.04
1:11.90	08-23-98	USA	ROBERT STRAND	100	M. BRST	JENNIFER MERRITT	GBR	08-18-02 1:26.33
2:39.08	08-19-01	USA	RICK COLELLA	200	M. BRST	JENNIFER MERRITT	GBR	08-18-02 3:04.41
27.13	08-23-98	USA	RICHARD ABRAHAMS	50	M. FLY	LAURA VAL	USA	08-19-01 30.72
1:01.79	07-13-03	USA	GREG SHAW	100	M. FLY	LAURA VAL	USA	08-17-01 1:07.81
2:22.29	08-18-01	USA	LAWRENCE DAY	200	M. FLY	LAURA VAL	USA	08-18-01 2:31.55
				100	M. I.M.			
2:23.45	08-18-01	USA	RICK COLELLA	200	M. I.M.	LAURA VAL	USA	07-14-02 2:41.31
5:05.82	08-17-01	USA	RICK COLELLA	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	JUDY WILSON	GBR	07-29-00 1:09.00
2:11.66	08-17-03	USA	TOD SPIEKER	200	M. FREE	F WILLIAMSON	USA	08-17-03 2:33.60
4:38.81	07-13-03	USA	TOD SPIEKER	400	M. FREE	ARDETH MUELLER	USA	07-19-97 5:25.59
9:40.68	06-14-03	USA	TOD SPIEKER	800	M. FREE	ARDETH MUELLER	USA	08-10-97 11:15.07
19:09.48	06-08-97	GBR	SANDY GALLETTY	1500	M. FREE	ARDETH MUELLER	USA	08-10-97 21:09.91
31.17	06-01-02	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	08-17-03	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	JUDY WILSON	GBR	06-01-02 2:58.89
				100	M. I.M.			
2:30.33	08-20-00	USA	JOHN CALVERT	200	M. I.M.	BRIGITTE MERTEN	GER	08-30-02 2:53.84
5:26.63	08-20-00	USA	JOHN CALVERT	400	M. I.M.	BRIGITTE MERTEN	GER	03-28-02 6:17.14
***** M E N *****			60-64			***** W O M E N *****		
26.70	08-10-98	USA	JEFF FARRELL	50	M. FREE	CHRISTEL SCHULZ	GER	03-30-02 32.38
1:00.11	08-11-98	USA	JEFF FARRELL	100	M. FREE	CHRISTEL SCHULZ	GER	03-25-02 1:12.16
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	07-13-03 5:43.02
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	JEN THOMASSON	AUS	08-02-03 22:32.06
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
2:58.37	06-23-96	GBR	THOMAS WALKER	200	M. BRST	BONNIE PRONK	CAN	03-26-02 3:14.49
29.23	08-17-03	USA	KEEFE LODWIG	50	M. FLY	JOY WARD	USA	08-18-02 35.62
1:07.04	06-07-03	USA	ROBERT POILETMAN	100	M. FLY	CLAIRE O'DWYER	IRL	03-27-02 1:26.96
2:33.72	07-20-03	USA	ROBERT POILETMAN	200	M. FLY	HANNELORE ROESE	GER	04-12-03 3:22.22
				100	M. I.M.			
2:40.95	08-11-03	USA	ED CAZALET	200	M. I.M.	BONNIE PRONK	CAN	03-25-02 3:00.52
5:49.43	07-14-02	USA	ED CAZALET	400	M. I.M.	HANNELORE ROSE	GER	02-24-02 6:33.09

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***** 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	07-21-03	1:13.79
2:21.74	06-26-96	ESP	ROBERTO ALBERICHE	200	M. FREE	CLARA WALKER	USA	07-05-92	2:48.51
5:03.36	08-25-96	USA	GRAHAM JOHNSTON	400	M. FREE	YOSHIKO OSAKI	JPN	07-21-03	5:46.27
10:29.26	06-29-97	USA	GRAHAM JOHNSTON	800	M. FREE	LAVELLE STOINOFF	USA	08-23-98	12:23.32
20:16.54	08-25-96	USA	GRAHAM JOHNSTON	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
36.35	07-15-01	JPN	HIROSHI KOTEGAWA	50	M. BRST	SHOKO YONEZAWA	JPN	03-27-02	42.78
1:23.88	03-28-02	GBR	THOMAS WALKER	100	M. BRST	MASAYO AZUMA	JPN	07-21-02	1:37.06
3:06.08	03-26-02	GBR	THOMAS WALKER	200	M. BRST	MASAYO AZUMA	JPN	09-30-01	3:28.43
30.81	08-13-98	USA	RONALD JOHNSON	50	M. FLY	YOSHIKO OSAKI	JPN	07-21-03	37.85
1:15.69	09-08-99	MEX	RONALD JOHNSON	100	M. FLY	YOSHIKO OSAKI	JPN	07-21-03	1:27.73
3:03.05	03-02-02	RSA	DAVID MCLACHLAN	200	M. FLY	FLORA CONNOLLY	GBR	05-29-98	3:33.04
				100	M. I.M.				
2:49.71	06-24-96	ESP	ROBERTO ALBERICHE	200	M. I.M.	JANE ASHER	GBR	03-24-96	3:20.26
6:05.15	06-22-96	ESP	ROBERTO ALBERICHE	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	06-16-01	35.15
1:05.81	09-01-02	GER	WOLFRAM GOTTFRIED	100	M. FREE	JANE ASHER	GBR	06-07-03	1:18.46
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	03-26-02	6:07.62
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
1:19.14	06-29-03	USA	BURWELL JONES	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
37.96	04-09-00	USA	CHUCK BALDWIN	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	04-20-03	1:42.21
3:19.82	02-16-03	JPN	TSUTOMU KAJIHARA	200	M. BRST	ELIANE PELLIS	BEL	04-19-03	3:47.55
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	JEAN TROY	USA	01-13-02	1:28.07
2:46.28	07-21-03	JPN	HIROSHI YOSHIMURA	200	M. FREE	JEAN TROY	USA	06-29-03	3:17.42
5:57.23	07-21-03	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
1:35.70	06-25-99	GER	ROBERT PFERSDORFF	100	M. BRST	OLGA KOKORINA	RUS	07-08-01	1:52.44
3:33.08	07-30-00	GER	KARL HAUTER	200	M. BRST	OLGA KOKORINA	RUS	08-25-99	4:08.40
35.66	08-20-00	USA	FRANK PIEMME	50	M. FLY	ODETTE LUSIEN	FRA	03-26-02	45.44
1:35.81	08-20-00	USA	FRANK PIEMME	100	M. FLY	JUNE KRAUSER	USA	07-22-01	1:56.07
3:34.30	07-07-01	FRA	MAURICE LUSIEN	200	M. FLY	JUNE KRAUSER	USA	06-24-01	4:10.69
				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
3:31.36	08-23-99	USA	RAY TAFT	200	M. BACK	BUNNY CEDERLUND	USA	03-27-02	3:59.73
43.62	07-20-98	JPN	Y MIYAMOTO	50	M. BRST	BETTY CHRISTIAN	USA	08-18-01	56.34
1:45.24	08-24-97	JPN	Y MIYAMOTO	100	M. BRST	GERTRUD MEERWALD	GER	03-12-00	2:10.47
3:55.37	05-01-98	ITA	AUGUSTO ROMANO	200	M. BRST	GERTRUD MEERWALD	GER	01-15-00	4:42.75
41.89	07-11-99	USA	ANDREW HOLDEN	50	M. FLY	YONE MURATA	JPN	07-21-02	57.90
1:47.88	06-12-99	USA	ANDREW HOLDEN	100	M. FLY	GERTRUD MEERWALD	GER	02-27-00	2:21.88
4:11.09	07-19-98	USA	ANTON CERER	200	M. FLY	JEAN DURSTON	USA	07-31-94	5:24.52
				100	M. I.M.				
3:43.19	08-20-00	USA	RAY TAFT	200	M. I.M.	GERTRUD MEERWALD	GER	02-25-00	4:39.22
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 11-1-03)

***** 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	08-17-03	8:32.79
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	WILLY VAN RYSEL	GBR	04-21-01	2:12.48
3:41.06	07-21-02	JPN	GORO KOBAYASHI	200	M. BACK	MARJORIE SHARPE	USA	03-27-02	4:44.76
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	EMMI PAULI	GER	03-29-98	5:36.62
51.12	08-18-02	USA	PAUL KRUP	50	M. FLY	JEAN DURSTON	USA	07-25-99	1:11.58
2:10.28	08-08-99	USA	WALTER PFEIFFER	100	M. FLY	JEAN DURSTON	USA	08-23-99	2:40.11
4:57.41	08-18-02	USA	ANTON CERER	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
1:43.22	08-11-03	USA	WOODY BOWERSOCK	100	M. FREE	AILEEN SOULE	USA	08-25-96	2:19.62
4:10.40	08-11-03	USA	WOODY BOWERSOCK	200	M. FREE	JULIA DOLCE	USA	08-23-99	5:19.36
9:39.37	08-11-03	USA	WOODY BOWERSOCK	400	M. FREE	MAXINE MERLINO	USA	09-29-02	11:17.74
20:13.74	08-01-93	USA	GUS LANGNER	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.				
5:12.11	08-11-03	USA	WALTER PFEIFFER	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	MARY M ANDERSON	CAN	05-16-98	1:55.57
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 11-1-03)

WRL LCM RECORDS AS OF 11-01-03

***** 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 LONE STAR-USA	08-24-87	1:53.05	120-159 GOLD-USA	08-23-98	2:04.19
MONICA BURK	BRIGITTE HEUER		MARY GARDNER	SUSIE GEYER	
L. MORRISON-CASEY	JACKI HIRSTY		TRACIE MOLL	JAMIE HERRINGTON	
160-199 GEORGIA-USA	08-20-00	1:56.93	160-199 VICTORIA-CAN	03-09-03	2:10.75
PENNY NOYES	BETH GARDNER		CINDY RADFORD	JUDY WOODWARD	
F WILLIAMSON	LAUREEN WELTING		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	08-24-03	3:13.62
CLARA WLAKER	BILLIE BURRILL		KAZUKO TAGUCHI	KAZUYO SAKURAI	
PETEEY 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 LAHTI-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 SAN DIEGO-USA	03-16-03	2:28.46
YOSHI OYAKAWA	PETER VAN DIJK		DUANE DRAVES	BOB BEST	
JOHN FLORANCE	DAVID QUIGGIN		C.W.MUTER	DONALD BAKER	
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			360-399		

***** RELAY 200 M. FREE - MIXED *****			***** RELAY 200 M. MEDLEY - MIXED *****		
100-119 MICHIGAN-USA	08-25-96	1:44.84	100-119 TEAM DASH-JPN	07-15-01	1:55.05
DYNE BURRILL	SUSIE DEVLIN		KENTARO NAKAMURA	TAKASHI HIRAKAWA	
TODD MERCER	MICHAEL GREEN		YAYOI SAKAMOTO	YUKIKO OZAWA	
120-159 GOLD - USA	08-23-98	1:42.65	120-159 TEAM DASH-JPN	03-02-03	1:55.43
TODD PACE	TRACIE MOLL		HIROSHI NISHIMURA	HIDEAKI TOGO	
JAMIE HERRINGTON	KURT WIENANTS		YAYOI SAKAMOTO	YUKIKO OZAWA	
160-199 ROCKY MT. -USA	08-23-98	1:45.83	160-199 ANCM-USA	08-20-00	2:00.37
KATHY GARNIER	LAUREEN WELTING		CLAY BRITT	WALLY DICKS	
RICHARD ABRAHAMS	JAMES LILLEY		ANDREA BLOCK	JUDY LIM-SHARPE	
200-239 NEW ENGLAND-USA	08-18-02	1:52.06	200-239 TAM - USA	08-23-98	2:08.56
DANIEL ROGACKI	JOEL FELDMAN		RICHARD BURNS	KENNETH FROST	
BARB HANDLER	GREG SHAW		LAURA VAL	NANCY RIDOUT	
240-279 SOLK HELLAS-SWE	03-29-02	2:04.84	240-279 SOLK HELLAS-SWE	03-28-02	2:20.28
ERIC FORSLUND	HARRIET BURE		MARGIT OHLSSON	ERIC FORSLUND	
MARGIT OHLSSON	PETER BERGNGREN		HARRIET BURE	PETER BERGNGREN	
280-319 JUEI CLUB-JPN	03-02-03	2:17.57	280-319 JUEI CLUB-JPN	03-02-03	2:42.18
TERUKO NISHISAKO	SHOSHIN MORI		KEIJIRO NAKAMURA	TERUKO NISHISAKO	
YURIKO NAGAMATSU	KEIJIRO NAKAMURA		GUNJI KITAZAWA	YURIKO NAGAMATSU	
320-359 SOLK HELLAS-SWE	03-29-02	3:01.16	320-359 SUNWAY - JPN	03-28-02	3:24.04
NILS FERM	BARBRO THORNELOF		SHOGORO AZUMA	MASAE KURATA	
BJORN WENNBERG	KERSTIN GJORES		Y MIYAMOTO	YOKO SUGIYAMA	
360-399 COAST MSTRS-USA	08-11-03	5:26.80	360-399		
HELENE IBERALL	MAXINE MERLINO				
WALTER PFEIFFER	WOODY BOWERSOCK				

FINA Masters World Records - Short-Course Meters

(as of 11-1-03)

WRL SCM RECORDS AS OF 11-01-03

*****		M E N	*****	25-29	*****	W O M E N	*****
22.48	12-04-93	USA	ROBERT PEEL	50 M. FREE	SOPHIA SKOLI	DEN	11-02-02 26.18
49.91	12-10-95	USA	BJORN ZIKARSKY	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.ANGELOTI	400 M. FREE	SHEILA TAORMINA	USA	03-31-96 4:24.18
8:07.91	04-12-01	BRA	A.ANGELOTI	800 M. FREE	SHEILA TAORMINA	USA	03-31-96 8:51.18
15:41.81	12-14-97	USA	ALEX KOSTICH	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	RIA WILLEMSE	NED	- -90 33.60
1:02.61	03-30-03	CAN	RUSS PATRICK	100 M. BRST	MANUELA NAECHEL	GER	10-17-98 1:10.71
2:19.34	12-01-01	POL	TOMASZ DUSZYNSKI	200 M. BRST	ANDREA PACKARD	USA	12-09-01 2:35.66
24.89	04-28-02	SWE	JOAKIM DAHL	50 M. FLY	EKATERINA IOUDINA	RUS	05-25-02 28.65
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	05-11-03 5:01.60
*****		M E N	*****	30-34	*****	W O M E N	*****
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	K PIPES-NEILSEN	USA	09-22-96 9:08.34
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
29.21	10-13-96	USA	DEAN PUTTERMAN	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
24.64	12-12-99	USA	BRIAN ALDERMAN	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	K PIPES-NEILSEN	USA	12-01-96 2:19.64
56.66	10-12-03	USA	MARTIN ZUBERO	100 M. I.M.	WENKE HANSEN	USA	12-12-99 1:04.96
2:05.59	05-14-00	JPN	HIROSHI MIURA	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.	K PIPES-NEILSEN	USA	12-15-96 4:53.85
*****		M E N	*****	35-39	*****	W O M E N	*****
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
1:52.90	12-08-02	USA	RON KARNAUGH	200 M. FREE	K PIPES-NEILSEN	USA	12-14-97 2:03.56
3:58.50	02-03-02	ITA	F.SILVESTRI	400 M. FREE	K PIPES-NEILSEN	USA	12-12-99 4:22.56
8:26.43	12-10-00	USA	MIKE SHAFFER	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
57.76	12-08-02	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
4:34.06	04-24-00	USA	JEROME FRENTSOS	400 M. I.M.	K PIPES-NEILSEN	USA	12-14-97 4:52.85
*****		M E N	*****	40-44	*****	W O M E N	*****
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	06-16-02 57.71
1:55.11	02-08-03	ITA	F SILVESTRI	200 M. FREE	K PIPES-NEILSEN	USA	10-27-02 2:06.29
4:09.10	10-10-99	USA	WILLIAM SPECHT	400 M. FREE	K PIPES-NEILSEN	USA	10-27-02 4:23.92
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	10-27-02 2:20.54
29.50	10-02-99	GER	GERHARD AMMER	50 M. BRST	CAROLINE KRATTLI	USA	10-27-02 33.71
1:05.79	10-27-02	USA	PLAMEN ALEXANDROV	100 M. BRST	CAROLINE KRATTLI	USA	10-27-02 1:13.26
2:25.58	12-14-97	USA	RON SCHAFFER	200 M. BRST	CAROLINE KRATTLI	USA	10-27-02 2:39.10
25.78	01-03-03	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	06-16-02 1:04.49
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	06-16-02 1:06.31
2:10.75	12-16-00	POL	DARIUSZ WOLNY	200 M. I.M.	K PIPES-NEILSEN	USA	10-27-02 2:21.92
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

(as of 11-1-03)

*****		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	JENNY WHITELEY	AUS	04-05-03	2:11.09			
4:14.73	12-12-99	USA	JIM MCCONICA	400	M.	FREE	JENNY WHITELEY	AUS	08-30-03	4:43.49			
8:56.08	10-13-96	USA	TIM BRODERICK	800	M.	FREE	S 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			
1:07.00	04-27-02	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			
26.82	04-27-03	JPN	BRENT BARNES	50	M.	FLY	LAURA VAL	USA	10-13-96	30.50			
1:00.01	08-24-03	USA	JAMES BALLARD	100	M.	FLY	LAURA VAL	USA	10-13-96	1:07.80			
2:16.86	12-17-00	USA	JOHN CRAIG	200	M.	FLY	LAURA VAL	USA	12-12-99	2:32.52			
1:02.79	03-29-03	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.	LAURA VAL	USA	12-12-99	5:33.37			
*****		M E N		*****		50-54		*****		W O M E N		*****	
24.63	12-08-02	USA	PAUL TREVISAN	50	M.	FREE	JACKI HIRSTY	USA	12-15-02	28.54			
55.10	05-18-03	USA	LARRY KRAUSER	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	10-21-01	4:52.22			
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			
29.50	12-14-97	USA	HUGH WILDER	50	M.	BACK	J SWAGERTY-HILL	USA	10-27-02	32.55			
1:04.17	12-14-97	USA	HUGH WILDER	100	M.	BACK	LAURA VAL	USA	10-21-01	1:12.95			
2:20.42	12-12-99	USA	R TOD SPIEKER	200	M.	BACK	ANNE CORK	GBR	04-28-01	2:43.04			
31.24	12-14-97	USA	DON MCKENZIE	50	M.	BRST	PETRA SCHROER	GER	06-15-03	37.89			
1:09.88	03-17-02	RSA	TIMOTHY SHEAD	100	M.	BRST	SUSAN JONES-ROY	USA	12-09-01	1:22.53			
2:34.71	12-15-96	USA	ROBERT STRAND	200	M.	BRST	DANIELLE OGIER	USA	12-15-02	2:59.48			
27.11	12-15-02	USA	GREG SHAW	50	M.	FLY	LAURA VAL	USA	10-21-01	31.16			
1:00.08	10-12-03	USA	JOHN MCCALL	100	M.	FLY	LAURA VAL	USA	10-21-01	1:09.05			
2:20.86	10-12-03	USA	JIM O'CONNOR	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			
2:22.23	03-17-02	RSA	TIMOTHY SHEAD	200	M.	I.M.	DANIELLE OGIER	USA	03-17-02	2:37.52			
4:58.93	12-09-01	USA	JIM MCCONICA	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	CAROL FELLOWS	GBR	10-20-01	1:08.01			
2:06.20	08-24-03	USA	TOD SPIEKER	200	M.	FREE	ARDETH MUELLER	USA	11-03-96	2:28.30			
4:28.73	08-24-03	USA	TOD SPIEKER	400	M.	FREE	ARDETH MUELLER	USA	11-03-96	5:15.91			
9:13.15	08-24-03	USA	TOD SPIEKER	800	M.	FREE	ARDETH MUELLER	USA	10-22-00	10:56.19			
17:35.21	08-24-03	USA	TOD SPIEKER	1500	M.	FREE	JEN THOMASSON	AUS	08-29-98	20:49.11			
30.35	12-05-99	USA	ROBERT SMITH	50	M.	BACK	S NABUCO DE ABREU	BRA	09-05-98	35.82			
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	JUDY WILSON	GBR	10-20-01	2:53.92			
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.	BRIGITTE MERTEN	GER	11-03-02	6:09.78			
*****		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			
1:00.24	12-10-00	USA	JEFF FARRELL	100	M.	FREE	CHRISTEL SCHULZ	GER	06-09-01	1:11.41			
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			
31.54	02-16-03	USA	ROBERT 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			
1:17.85	05-17-99	CAN	JACK KELSO	100	M.	BRST	HANNELORE ROSE	GER	10-06-02	1:26.43			
2:56.18	08-21-99	AUS	MICHAEL MOLONY	200	M.	BRST	BONNIE PRONK	CAN	03-16-02	3:06.48			
29.68	05-12-02	JPN	KOJI IWAMOTO	50	M.	FLY	YOSHIKO OSAKI	JPN	06-20-99	36.04			
1:06.89	05-12-02	JPN	KOJI IWAMOTO	100	M.	FLY	YOSHIKO OSAKI	JPN	05-09-99	1:23.78			
2:37.97	02-03-02	JPN	KOJI IWAMOTO	200	M.	FLY	YOSHIKO OSAKI	JPN	06-18-00	3:05.20			
1:09.93	05-17-99	CAN	JACK KELSO	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

(as of 11-1-03)

*****		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	05-11-03	1:14.20			
2:18.71	12-15-02	USA	JEFF FARRELL	200	M.	FREE	YOSHIKO OSAKI	JPN	06-01-03	2:42.75			
5:09.09	12-15-96	USA	GRAHAM JOHNSTON	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	CLARA WALKER	USA	12-13-92	23:38.44			
33.38	10-31-99	USA	YOSHI OYAKAWA	50	M.	BACK	PAM HUTCHINGS	AUS	09-08-01	38.25			
1:14.66	12-06-98	USA	YOSHI OYAKAWA	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			
3:01.83	02-02-03	JPN	YOSHIAKI AOKI	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			
3:00.83	02-16-02	RSA	DAVID MCLACHLAN	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	04-29-03	1:27.45			
2:46.35	12-15-02	USA	JEFF FARRELL	200	M.	I.M.	YOSHIKO OSAKI	JPN	05-11-03	3:08.54			
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		*****	
28.68	10-14-01	USA	RONALD JOHNSON	50	M.	FREE	JANE ASHER	GBR	10-21-01	34.67			
1:06.26	10-12-01	USA	GRAHAM JOHNSTON	100	M.	FREE	JANE ASHER	GBR	10-25-03	1:16.80			
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	11-25-01	24:05.31			
35.45	01-26-03	JPN	S SEKIKAWA	50	M.	BACK	JANE ASHER	GBR	09-09-01	42.44			
1:16.73	10-12-03	USA	BURWELL JONES	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			
1:25.87	10-14-01	USA	RONALD JOHNSON	100	M.	BRST	ELIANE PELLIS	BEL	02-08-03	1:36.86			
3:13.45	10-27-02	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			
2:55.51	10-27-02	USA	RONALD JOHNSON	200	M.	I.M.	JUDIE OLIVER	CAN	04-07-02	3:21.52			
6:23.43	03-18-02	USA	GRAHAM JOHNSTON	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	M CUNNINGHAM	AUS	03-02-02	38.85			
1:11.55	12-10-00	USA	FRANK PIEMME	100	M.	FREE	JEAN TROY	USA	10-13-02	1:26.20			
2:48.26	05-25-03	JPN	HIROSHI YOSHIMURA	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			
12:13.28	12-10-00	USA	FRANK PIEMME	800	M.	FREE	JEAN TROY	USA	11-03-02	13:59.01			
24:27.63	12-09-01	USA	FRANK PIEMME	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	SATOKO SUZUKI	JPN	05-14-00	1:49.77			
3:21.50	11-05-00	GER	KARL HAUTER	200	M.	BRST	ERIKA LANGE	GER	03-16-03	4:14.86			
34.83	12-10-00	USA	FRANK PIEMME	50	M.	FLY	LOIS KIVI NOCHMAN	USA	02-21-99	47.88			
1:32.07	11-05-00	GER	ROBERT PFERSDORFF	100	M.	FLY	JUNE KRAUSER	USA	12-02-01	1:52.25			
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.	M CUNNINGHAM	AUS	11-11-00	1:46.18			
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		*****	
33.08	04-20-03	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			
3:56.33	05-26-02	JPN	ISAO FUNAMOTO	200	M.	BRST	DOROTHY WILLIAMS	GBR	04-06-03	4:38.57			
41.87	12-05-99	USA	ANDREW HOLDEN	50	M.	FLY	GERTRUD MEERWALD	GER	03-04-00	1:01.24			
1:47.20	06-08-97	USA	PAUL KRUP	100	M.	FLY	GERTRUD MEERWALD	GER	03-04-00	2:22.05			
4:00.64	06-08-97	USA	ANTON CERER	200	M.	FLY	MAXINE MERLINO	USA	10-17-92	5:22.65			
1:35.31	12-12-99	USA	RAY TAFT	100	M.	I.M.	GERTRUD MEERWALD	GER	03-04-00	2:03.87			
3:35.06	10-19-97	USA	ALDO DA ROSA	200	M.	I.M.	MARGERY MEYER	USA	10-13-02	4:38.24			
7:37.58	12-12-99	USA	RAY TAFT	400	M.	I.M.	MAXINE MERLINO	USA	10-11-92	9:50.43			

FINA Masters World Records - Short-Course Meters

(as of 11-1-03)

*****		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	HISAKO KOGA	JPN	05-12-02	1:54.41			
3:13.45	09-16-00	USA	JIM EUBANK	200	M.	FREE	RITA SIMONTON	USA	06-08-03	4:06.61			
7:19.94	12-10-00	USA	JIM EUBANK	400	M.	FREE	RITA SIMONTON	USA	06-08-03	8:21.36			
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	MAXINE MERLINO	USA	11-22-98	37:28.53			
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	MARIA LENK	BRA	04-08-00	1:08.39			
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	MARIA LENK	BRA	11-04-00	5:39.33			
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		*****	
43.89	02-03-02	JPN	KAZUNAGA AKUTSU	50	M.	FREE	JEWEL COOKE	USA	01-23-00	1:09.85			
1:47.51	04-29-02	JPN	MASAHISA KANEKO	100	M.	FREE	JEWEL COOKE	USA	01-23-00	2:35.08			
4:20.43	05-13-00	BRA	GASTAO FIGUEIREDO	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			
25:46.81	01-18-03	CAN	EUGENE LEHMAN	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			
1:08.25	01-20-02	GER	R REINSTADTLER	50	M.	FLY	DOROTHY WESTON	GBR	02-22-03	1:34.61			
4:40.77	06-14-03	CAN	EUGENE LEHMAN	100	M.	FLY	DOROTHY WESTON	GBR	04-06-03	3:21.00			
9:14.77	06-14-03	CAN	EUGENE LEHMAN	200	M.	FLY							
2:16.67	01-20-02	GER	R REINSTADTLER	100	M.	I.M.	DOROTHY WESTON	GBR	02-22-03	3:06.08			
7:45.59	02-26-03	CAN	EUGENE LEHMAN	200	M.	I.M.	JEWEL COOKE	USA	02-14-99	6:56.70			
				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							
1:27.67	10-11-98	USA	GUS LANGNER	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							
3:33.98	10-11-98	USA	GUS LANGNER	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		*****	
2:06.66	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 11-1-03)

WRL SCM RECORDS AS OF 11-01-03

***** 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		SIOBHAN 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	SIOBHAN HARTLEY	
CHIHIRO SAITO	YAYOI SAKAMOTO		NICOLA SOMMERS	SUSAN HILL	
160-199 SAN DIEGO-USA	12-15-98	1:54.94	160-199 SAN DIEGO	12-15-98	2:08.46
BETH KNIGHT	CAROLINE KRATTLI		K PIPES-NEILSEN	CAROLINE KRATTLI	
BARBARA DUNBAR	K PIPES-NEILSEN		BARBARA DUNBAR	BETH KNIGHT	
200-239 ST KANSAI-JPN	06-09-02	2:07.45	200-239 KENILWORTH-GBR	11-03-02	2:16.56
FUSAKO HIROOKA	YOSHIKO OSAKI		JACQUILINE GRACE	ELAINE BROMWICH	
YUKIKO SAITO	YOSHIE OSAKI		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 SOLK HELLAS-SWE	03-18-01	3:09.93
B HJALMARSSON	MARIANNE GRANE		KERSTIN GJORES	BRITT GRILLI	
KERSTIN GJORES	BRITT GRILLI		B HJALMARSSON	MARIANNE GRANE	
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 FINY TAORMI-ITA	01-12-03	1:50.44
PAULO NEGRINI	LEONIDAS NETO		PAOLO FELOTTI	MARCO CONTI	
RICARDO DAVIS	RICARDO SANTOS		ROBERTO TARRICONE	GENNARO LA SALA	
200-239 TECH-CAN	05-18-03	1:46.11	200-239 GOLD-USA	12-03-00	1:57.07
BRUCE ROBERTSON	GLEN BELFRY		JOHN SPIRE	GEORGE SCHMIDT	
JOHN MARCH	JIM WRIGHT		JOEL BURNS	ROGER HAWKINS	
240-279 GOLD COAST-USA	10-12-03	1:52.25	240-279 GOLD COAST-USA	10-12-03	2:05.72
CAV CAVANAUGH	DAVID MCINTYRE		DAVID MCINTYRE	TIM SHEAD	
JOEL BURNS	GEORGE SCHMIDT		JOEL BURNS	CAV CAVANAUGH	
280-319 TEAM TEXAS-USA	10-06-01	2:04.66	280-319 SUNWAY YOKO-JPN	03-09-03	2:27.95
GRAHAM JOHNSTON	FRANK CAMPBELL		HIROSHI ISHIWATA	TETSUO NAKAMARU	
EUGENE FERGUSON	BOB BAILIE		HIYOSHI MAKIMOTO	MINORU NAGASAIMA	
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	05-13-01	1:52.78
BERT BERGEN	D GRANER GALLAS		KENTARO NAKAMURA	TAKASHI HIRAKAWA	
MARCEL RINZLER	HEIDI HANNENIAN		YAYOI SAKAMOTO	YUKIKO OZAWA	
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 SAN DIEGO-USA	11-09-96	1:47.38	160-199 SAN DIEGO-USA	11-14-99	1:59.93
BETH KNIGHT	K.PIPES-NEILSEN		K PIPES-NEILSEN	CAROLINE KRATTLI	
LARRY CARTWRIGHT	LEE MENCH		CHRIS DIXON	JOSEPH KERNAN	
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 SAN DIEGO-USA	02-18-01	2:06.03	240-279 KANSAI-JPN	10-29-00	2:17.68
JEANNE LITTLE	JACKIE MARR		YOSHIKO OSAKI	YOSHIHIKO OSAKI	
BILL EARLEY	MICHAEL AHERN		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 F MAVERICKS-USA	10-12-03	3:26.35
FLORENCE CARR	JUNE REYNOLDS		PAUL HUTINGER	JUNE REYNOLDS	
PAUL HUTINGER	BRUD CLEAVELAND		JEAN TROY	BRUD CLEAVELAND	
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**UNITED STATES MASTERS SWIMMING
2003 TOP TEN
SHORT COURSE METERS**

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TOP TEN RENEWAL

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