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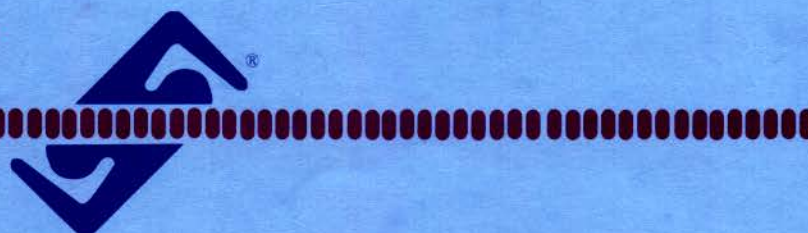
*United States
Masters Swimming, Inc.*

**2004
Top Ten
Short Course Meters**

and

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

*United States
Masters
Swimming*



Published March 2005

UNITED STATES MASTERS SWIMMING
2004 TOP TEN
SHORT COURSE METERS

The 2004 Short Course Meters Top Ten is the third issue in a series of three 2004 Top Ten issues produced by United States Masters Swimming. Inside you will find the Top Ten Times for the 2004 Short Course Meter season (swims performed in a 25 meter pool) made on or before December 31, 2004 and forwarded to the Records and Tabulation Chairman, Pieter Cath, by January 26, 2005. 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 2005 series will be 2004-2005 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, 2005 and reported to the Top Ten Chairman by June 30th.

The 2005 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, 2005 and reported to the Top Ten Chairman by October 20th.

Now that the SCM Top Ten is *finalized*, the official 2004 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.

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

2004 Short-Course Meters - Top-Ten Individuals

WOMEN 19-24							
<p>• 50 M. FREESTYLE</p> <p>26.61 ALISON TERRY 98</p> <p>27.65 Christine Watkins 23</p> <p>27.98 Ngozi Monu 23</p> <p>28.52 Amanda Nurrenbern 21</p> <p>28.69 Marlana Verbeck 21</p> <p>28.90 Shirley J Sanchez 19</p> <p>29.02 Whitney Warman 21</p> <p>29.33 Kathy L Glaser 23</p> <p>29.41 Amanda M Bennett 19</p> <p>29.51 Krista Prescott 24</p> <p>29.62 Jacqueline Cole 24</p> <p>• 100 M. FREESTYLE</p> <p>57.86 ALISON TERRY 97</p> <p>1:01.97 Whitney Warman 21</p> <p>1:02.04 Mollie Grover 23</p> <p>1:03.32 Shirley J Sanchez 19</p> <p>1:03.57 Ngozi Monu 23</p> <p>1:03.91 Mandy Nurrenbern 21</p> <p>1:04.10 Danielle Lavette 19</p> <p>1:04.31 Marlana Verbeck 21</p> <p>1:04.43 Amanda Bloom 22</p> <p>1:04.89 Brenda Banning 21</p> <p>1:04.89 Denise Morales 24</p> <p>• 200 M. FREESTYLE</p> <p>2:06.21 DAWN HECKMAN 01</p> <p>2:14.57 Whitney Warman 21</p> <p>2:17.12 Megan P Ramsey 21</p> <p>2:18.12 Amanda Bloom 22</p> <p>2:18.95 Mollie Grover 23</p> <p>2:20.15 Denise Morales 24</p> <p>2:22.79 Jackie Hurley 23</p> <p>2:23.48 Lauren Borisoff 22</p> <p>2:25.84 Mandy Nurrenbern 21</p> <p>2:26.13 Jacqueline Cole 24</p> <p>2:27.44 Brenda Banning 21</p> <p>• 400 M. FREESTYLE</p> <p>4:25.13 DAWN HECKMAN 01</p> <p>4:43.88 Megan P Ramsey 21</p> <p>4:50.92 Amanda Bloom 22</p> <p>5:03.50 Ngozi Monu 23</p> <p>5:06.05 Whitney Rohrer 20</p> <p>5:07.43 Xan Rogers 21</p> <p>5:09.55 Jacqueline Cole 24</p> <p>5:11.11 Gwen Wagner 24</p> <p>5:12.28 Amanda Nurrenbern 21</p> <p>5:13.32 Gina M Battaglia 20</p> <p>5:22.43 Jodie Friedman 23</p> <p>• 800 M. FREESTYLE</p> <p>8:58.71 DAWN HECKMAN 01</p> <p>10:19.81 Ngozi Monu 23</p> <p>10:34.23 Gina M Battaglia 20</p> <p>10:57.98 Victoria Anderson 24</p> <p>11:11.02 Erin Conway 23</p> <p>11:15.99 Emily Edgar 23</p> <p>11:17.38 Rae Hebert 22</p> <p>11:56.77 Kelly Crandell 24</p> <p>12:14.18 Jennifer Billings 23</p> <p>12:27.16 Georgian Peric 24</p> <p>13:37.79 Bridgette King 20</p> <p>• 1500 M. FREESTYLE</p> <p>17:15.23 DAWN HECKMAN 01</p> <p>19:26.20 Holly Detra 20</p> <p>19:29.44 Nicole Paquette 23</p> <p>20:22.14 Erin Lucarotti 23</p> <p>21:18.66 Rae Hebert 22</p> <p>21:58.36 Laura Lincoln 21</p> <p>22:30.95 Kelly Crandell 24</p> <p>23:03.63 Georgian Peric 24</p> <p>24:28.03 Elizabeth Fandell 23</p> <p>• 50 M. BACKSTROKE</p> <p>29.69 PAIGE FRANCIS 00</p> <p>31.39 April Beltran 24</p> <p>31.42 Michele King 23</p>	<p>31.84 Kathryn Duncombe 23</p> <p>32.99 Xan Rogers 21</p> <p>35.00 Linda Tivorsak 24</p> <p>35.02 Victoria Anderson 24</p> <p>35.14 Marlana Verbeck 21</p> <p>35.32 Jane Humphries 23</p> <p>35.49 Marissa Younce 20</p> <p>35.62 Callie Langellier 24</p> <p>• 100 M. BACKSTROKE</p> <p>1:06.59 ALISON TERRY 98</p> <p>1:08.09 April Beltran 24</p> <p>1:08.44 Kathryn Duncombe 23</p> <p>1:11.28 Xan Rogers 21</p> <p>1:12.01 Mollie Grover 23</p> <p>1:12.64 Meliss VanderWood 21</p> <p>1:14.38 Brenda Banning 21</p> <p>1:15.71 Victoria Anderson 24</p> <p>1:16.14 Melanie Telzrow 24</p> <p>1:16.34 Marissa Younce 20</p> <p>1:17.09 Amanda Bloom 22</p> <p>• 200 M. BACKSTROKE</p> <p>2:22.61 N WUNDERLICH 95</p> <p>2:32.10 Xan Rogers 21</p> <p>2:32.58 Mollie Grover 23</p> <p>2:33.60 April Beltran 24</p> <p>2:35.51 Jane Humphries 23</p> <p>2:37.10 Whitney Rohrer 20</p> <p>2:42.32 Victoria Anderson 24</p> <p>2:43.83 Michele King 23</p> <p>2:46.08 Dianna Oliver 22</p> <p>2:51.82 Desiree Rosselli 20</p> <p>2:54.30 Sarah Salazar 20</p> <p>• 50 M. BREASTSTROKE</p> <p>32.09 BEATA KASZUBA 95</p> <p>36.88 Danielle Lavette 19</p> <p>37.63 Haley L Frasca 24</p> <p>38.39 Sarah Chinn 20</p> <p>38.57 Rebecca Tukna 22</p> <p>38.97 Jodie Friedman 23</p> <p>39.30 Marissa Younce 20</p> <p>39.47 Marlana Verbeck 21</p> <p>39.86 Carissa Kiniery 24</p> <p>40.08 Laura Landgreen 23</p> <p>40.09 Jill Murphy 21</p> <p>• 100 M. BREASTSTROKE</p> <p>1:08.89 BEATA KASZUBA 95</p> <p>1:21.21 Haley L Frasca 24</p> <p>1:21.99 Whitney Warman 21</p> <p>1:25.70 Amanda M Bennett 19</p> <p>1:28.22 Jodie Friedman 23</p> <p>1:28.29 Xan Rogers 21</p> <p>1:28.56 Sarah White 20</p> <p>1:28.89 Valerie L Bodam 24</p> <p>1:30.16 Rebekah L Lorenz 24</p> <p>1:31.39 Erin Conway 23</p> <p>1:32.08 Gwen B Arnold 23</p> <p>• 200 M. BREASTSTROKE</p> <p>2:38.63 ANITA NALL 97</p> <p>2:51.42 Jane Humphries 23</p> <p>3:06.76 Danielle Lavette 19</p> <p>3:10.95 Nicole Paquette 23</p> <p>3:11.58 Jodie Friedman 23</p> <p>3:16.89 Margot M Hair 24</p> <p>3:18.57 Jacqueline Cole 24</p> <p>3:19.59 Desiree Rosselli 20</p> <p>3:22.59 Karen Larkin 24</p> <p>3:27.99 Anastacia Corbit 19</p> <p>3:36.31 Carolina Bolado 22</p> <p>• 50 M. BUTTERFLY</p> <p>28.84 JAMIE RAAB 94</p> <p>29.98 April Beltran 24</p> <p>30.25 Michele King 23</p> <p>30.53 Danielle Lavette 19</p> <p>31.68 Megan P Ramsey 21</p> <p>31.98 Brenda Banning 21</p> <p>32.38 Leslie Hovsepian 22</p> <p>32.60 Whitney Warman 21</p> <p>33.11 Gwen Wagner 24</p>	<p>33.14 Marissa Younce 20</p> <p>33.29 Erin C McPeak 24</p> <p>• 100 M. BUTTERFLY</p> <p>1:05.01 DAWN HECKMAN 01</p> <p>1:06.92 April Beltran 24</p> <p>1:10.55 Michele King 23</p> <p>1:13.66 Erin C McPeak 24</p> <p>1:17.60 Jacqueline Cole 24</p> <p>1:18.68 Naomi N Schrock 19</p> <p>1:19.15 Emily Newman 22</p> <p>1:19.49 Callie Langellier 24</p> <p>1:19.56 Rebecca Daniel 22</p> <p>1:21.62 Morgan Taylor 21</p> <p>1:21.70 Rebecca L King 24</p> <p>• 200 M. BUTTERFLY</p> <p>2:23.78 DAWN HECKMAN 01</p> <p>2:31.64 April Beltran 24</p> <p>2:55.54 Emily Newman 22</p> <p>2:57.43 Rebecca Daniel 22</p> <p>3:04.55 Laura Lincoln 21</p> <p>3:13.62 Audrey Gray 24</p> <p>3:16.23 Dianna Oliver 22</p> <p>3:56.13 Rachel E Cilley 21</p> <p>• 100 M. INDIVIDUAL MEDLEY</p> <p>1:05.34 BEATA KASZUBA 95</p> <p>1:10.77 Kathryn Duncombe 23</p> <p>1:11.75 Leslie Hovsepian 22</p> <p>1:12.22 Danielle Lavette 19</p> <p>1:12.36 Whitney Warman 21</p> <p>1:14.32 Rae Hebert 22</p> <p>1:14.51 Meliss VanderWood 21</p> <p>1:14.79 Brenda Banning 21</p> <p>1:14.84 Linda Tivorsak 24</p> <p>1:15.48 Marissa Younce 20</p> <p>1:15.49 Haley L Frasca 24</p> <p>• 200 M. INDIVIDUAL MEDLEY</p> <p>2:25.87 DAWN HECKMAN 01</p> <p>2:35.72 Whitney Warman 21</p> <p>2:38.05 Megan P Ramsey 21</p> <p>2:38.47 Christine Watkins 23</p> <p>2:39.86 Laura Landgreen 23</p> <p>2:43.66 Mindy Williams 23</p> <p>2:46.23 Jackie Hurley 23</p> <p>2:46.26 Sarah White 20</p> <p>2:46.98 Jacqueline Cole 24</p> <p>2:48.24 Erin C McPeak 24</p> <p>2:52.63 Valerie L Bodam 24</p> <p>• 400 M. INDIVIDUAL MEDLEY</p> <p>4:58.55 DAWN HECKMAN 01</p> <p>5:25.10 Jane Humphries 23</p> <p>5:53.99 Audrey Gray 24</p> <p>5:59.23 Sarah White 20</p> <p>6:14.28 Georgian Peric 24</p> <p>6:24.00 Kelli N Campbell 24</p> <p>6:24.84 Kelly Crandell 24</p> <p>6:25.66 Laura Lincoln 21</p> <p>6:25.91 Rebecca L King 24</p> <p>6:59.81 Carolina Bolado 22</p>	<p>1:03.74 Lauren Erb 25</p> <p>1:04.39 Kelly Murphy 25</p> <p>1:04.43 Sarah Beltrame 26</p> <p>1:04.46 Jennifer Evans 26</p> <p>1:04.63 Patricia Flynn 28</p> <p>1:05.05 Julie Porro 26</p> <p>1:05.11 Heather Erickson 27</p> <p>• 200 M. FREESTYLE</p> <p>1:59.78 SHEILA TAORMINA 96</p> <p>2:16.99 Miriam Nowak 27</p> <p>2:17.11 Jennifer O'Reilly 25</p> <p>2:18.11 Alexis B Ross 25</p> <p>2:18.19 Laura Koch 28</p> <p>2:21.38 Heather Erickson 27</p> <p>2:21.92 Patricia Flynn 28</p> <p>2:22.40 Sarah Beltrame 26</p> <p>2:24.30 Niki Downs 27</p> <p>2:24.53 Robin Watson 25</p> <p>2:25.02 Hilliary Thompson 29</p> <p>• 400 M. FREESTYLE</p> <p>4:24.18 SHEILA TAORMINA 96</p> <p>4:47.97 S Bausher-Grybos 27</p> <p>4:50.36 Miriam Nowak 27</p> <p>4:51.33 Alexis B Ross 25</p> <p>4:53.48 Laura K Koch 28</p> <p>4:53.65 Patricia Flynn 28</p> <p>4:54.42 Melanie Williams 26</p> <p>4:58.52 Heather Erickson 27</p> <p>5:00.08 Jennifer O'Reilly 25</p> <p>5:04.13 Robin Watson 25</p> <p>5:05.61 Katie O'Brien 26</p> <p>• 800 M. FREESTYLE</p> <p>8:51.18 SHEILA TAORMINA 96</p> <p>9:45.50 Marci Herzog 27</p> <p>9:56.69 Melanie Williams 26</p> <p>10:30.94 Robin Watson 25</p> <p>10:31.22 Sarah Jacobs 26</p> <p>10:39.36 Katie O'Brien 26</p> <p>10:41.61 Tracy O Phillips 29</p> <p>10:41.63 Stephani Williams 26</p> <p>10:43.36 Janice Yung 28</p> <p>10:43.62 Julie Porro 26</p> <p>10:48.16 Melissa Giovanni 25</p> <p>• 1500 M. FREESTYLE</p> <p>16:36.07 SHEILA TAORMINA 96</p> <p>18:45.30 Melanie Williams 26</p> <p>19:11.57 Joy Stover 28</p> <p>19:20.52 Alicia Markey 25</p> <p>20:04.43 Tracy O Phillips 29</p> <p>20:14.12 Leslie Weeter 27</p> <p>20:15.20 Katie O'Brien 26</p> <p>20:20.81 Bonnie Schwartz 25</p> <p>20:33.05 Jocelyn Wood 27</p> <p>20:54.35 Jenny Domino 27</p> <p>22:20.03 Molly Wilson 26</p> <p>• 50 M. BACKSTROKE</p> <p>30.05 CAMILLA JOHANSSON 02</p> <p>31.64 Jenny L Mooney 27</p> <p>32.13 Branka Sustic 26</p> <p>32.58 Jennifer Brooks 27</p> <p>33.00 Katie Liu 29</p> <p>33.49 Jessica C Klotz 28</p> <p>34.60 Jennifer Evans 26</p> <p>34.61 Maggie Singler 25</p> <p>34.98 Alicia Markey 25</p> <p>35.11 Kelly Murphy 25</p> <p>35.14 Heidi Schwarck 25</p> <p>• 100 M. BACKSTROKE</p> <p>1:03.26 CAMILLA JOHANSSON 02</p> <p>1:05.79 Lia Oberstar 28</p> <p>1:07.98 Jenny L Mooney 27</p> <p>1:08.35 Branka Sustic 26</p> <p>1:09.48 Hilliary Thompson 29</p> <p>1:12.24 Jessica C Klotz 28</p> <p>1:13.25 Jennifer Evans 26</p> <p>1:15.03 Julie Porro 26</p> <p>1:15.26 Heather Erickson 27</p> <p>1:15.88 Li Zou 27</p>				

WOMEN 25-29

2004 Short-Course Meters - Top-Ten Individuals

1:17.32 Maura Schoonmaker 28	2:35.11 Holly A Noonan 27	2:23.02 Laura Von Gluck 34	35.26 Nadine Day 34
• 200 M. BACKSTROKE	2:38.16 Miriam Nowak 27	2:24.85 Jessica Aguilar 31	35.86 Carol Leigh-Wood 31
2:14.77 LIA OBERSTAR 01	2:41.42 Laura K Koch 28	2:27.67 Monica Fox 30	37.03 Camilla Johansson 30
2:19.05 Pamela Hanson 25	2:43.84 Alexis B Ross 25	2:27.83 Jennifer Harnett 33	38.00 Linda Visser 34
2:27.01 Jenny L Mooney 27	2:50.68 Leslie Weeter 27	• 400 M. FREESTYLE	38.57 Monica Fox 30
2:33.72 Branka Sustic 26	2:51.50 Stephani Williams 26	4:22.70 K PIPES-NEILSEN 96	38.79 Linda Hegeberg 34
2:37.17 Mandy Leach 25	2:59.76 E Jazmin Antezana 27	4:40.38 Nadine Day 34	38.83 Susanne Rublein 34
2:39.51 Julie Porro 26	• 100 M. INDIVIDUAL MEDLEY	4:43.59 Sara Quan 32	39.26 Nikki Weeks 32
2:41.49 Jennifer Tweedie 26	1:05.67 WENKE HANSEN 98	4:55.64 Laurie Dodd 32	39.53 AnnMarie Terzaken 31
2:41.55 Laura K Koch 28	1:06.99 Allison M Wagner 27	4:55.92 Laura Von Gluck 34	39.89 Margaret Reece 32
2:42.75 Miriam Nowak 27	1:11.15 Jennifer Tweedie 26	4:57.76 Kelly Cook 31	• 100 M. BREASTSTROKE
2:44.55 Maura Schoonmaker 28	1:11.90 Jennifer Brooks 27	4:58.12 Alexandra Nieto 32	1:10.00 WENKE HANSEN 00
2:45.80 Jennifer Mayman 28	1:12.28 Julia Voitovitsch 28	4:58.38 Lee Anne Ghimenti 34	1:16.63 Nadine Day 34
• 50 M. BREASTSTROKE	1:12.53 Mandy Leach 25	5:00.00 Tere Derbez 32	1:21.33 Linda Visser 34
32.20 TRACEY MIRANDE 95	1:12.58 Jenny L Mooney 27	5:05.41 Monica Fox 30	1:22.29 Linda Hegeberg 34
36.62 Laura Koch 28	1:13.21 Hilliary Thompson 29	5:10.71 Tara J Mack 32	1:24.28 Traci J Kreppel 33
37.80 Brooke Penaluna 26	1:14.47 Diane Drake 25	• 800 M. FREESTYLE	1:24.31 Monica Fox 30
37.96 Melissa Bissett 26	1:14.83 Alicia Markey 25	9:06.49 ERIKA HANSEN 03	1:26.22 Laura Von Gluck 34
38.06 Tammi Acord 25	1:15.18 Ellen D Spacek 28	9:37.57 Nadine Day 34	1:27.07 Karen Duggan 34
38.09 Jennifer Fox 28	• 200 M. INDIVIDUAL MEDLEY	9:47.90 Sara Quan 32	1:27.26 Jennifer Riley 32
38.45 Niki Downs 27	2:21.79 WENKE HANSEN 98	9:55.62 Becky Crowe-Hill 31	1:28.11 Lori S Geisler 32
38.48 Kaira Kilpatrick 29	2:28.44 Chrissy M Miller 28	10:08.37 Laurie Dodd 32	1:28.15 Samantha Wuttig 34
38.70 Kelly Murphy 25	2:34.30 Jennifer Brooks 27	10:28.29 Lee Anne Ghimenti 34	• 200 M. BREASTSTROKE
38.88 Melanie Williams 26	2:34.90 S Bausher-Grybos 27	10:46.08 Tara J Mack 32	2:30.65 WENKE HANSEN 00
38.95 Bree A Myers 25	2:35.66 Jenny L Mooney 27	11:16.89 Kimberlee Shults 31	2:47.11 Nadine Day 34
• 100 M. BREASTSTROKE	2:38.15 Jennifer O'Reilly 25	11:19.17 Lena Mughannam 30	2:53.93 Linda Hegeberg 34
1:13.30 WENKE HANSEN 98	2:41.00 Laura K Koch 28	11:29.50 Raena A Latina 33	2:55.66 Linda Visser 34
1:18.59 Laura Koch 28	2:41.42 Melanie Williams 26	11:45.39 Elke Hoffman 32	2:57.02 Sara Quan 32
1:19.73 Chrissy M Miller 28	2:41.47 Niki Downs 27	• 1500 M. FREESTYLE	2:59.57 Chris Radcliff 30
1:21.99 Niki Downs 27	2:42.17 Heather Erickson 27	17:23.60 KAREN BURTON 94	3:02.24 Monica Fox 30
1:22.59 Melanie Williams 26	2:42.18 Alexis B Ross 25	17:44.19 Alison H Zamanian 34	3:05.93 Samantha Wuttig 34
1:23.42 Jennifer Fox 28	• 400 M. INDIVIDUAL MEDLEY	18:11.54 Nadine Day 34	3:08.15 Tara J Mack 32
1:24.97 Cynthia Nagle 26	5:02.54 WENKE HANSEN 98	19:15.77 Laurie Dodd 32	3:12.46 Karen Duggan 34
1:25.75 Jennifer Downing 26	5:15.27 Chrissy M Miller 28	19:29.61 Lee Anne Ghimenti 34	3:13.10 Brandy L Brown 31
1:26.11 Julie Porro 26	5:17.46 S Bausher-Grybos 27	20:35.94 Karen Duggan 34	• 50 M. BUTTERFLY
1:26.50 Leslie Weeter 27	5:25.25 Laura Koch 28	20:54.08 Susan D Strong 33	28.05 KATRINA RADKE 04
1:26.53 Janice Yung 28	5:39.53 Alexis B Ross 25	21:07.92 Megan Bussart 34	28.05 Katrina Radke 34
• 200 M. BREASTSTROKE	5:41.13 Patricia Flynn 28	21:21.14 Kimberlee Shults 31	29.32 Nadine Day 34
2:35.66 ANDREA PACKARD 01	5:45.61 Leslie Weeter 27	21:28.78 Susanne P Rublein 34	29.88 Becky Crowe-Hill 31
2:45.27 Allison M Wagner 27	5:50.00 Ellen D Spacek 28	21:46.43 Samantha Wuttig 34	30.67 Stephanie Walker 32
2:49.23 Laura Koch 28	5:50.75 Joy Stover 28	• 50 M. BACKSTROKE	30.87 Erika Braun 32
2:53.15 Megan Griffis 25	5:50.93 Krista Marchand 28	30.14 D GRANER GALLAS 96	30.90 Laura Von Gluck 34
2:53.51 Niki Downs 27	5:58.71 Sarah Jacobs 26	31.13 Camilla Johansson 30	31.43 Laura Alonso 33
2:53.65 Melanie Williams 26		32.57 Nadine K Day 34	31.46 Brandy N Hugo 32
2:58.57 Krista Marchand 28		32.85 Stephanie Walker 32	31.89 Alison Davis 33
3:02.65 Jennifer O'Reilly 25		33.60 Carol Leigh-Wood 31	32.50 Kelly Cook 31
3:05.47 Cynthia Nagle 26		34.03 Kristina R Morse 31	• 100 M. BUTTERFLY
3:08.83 Sarah Jacobs 26		34.25 Liz Myers 30	1:02.70 WENKE HANSEN 00
3:10.82 Kristen Drake 26		34.51 Alexandra Nieto 32	1:05.56 Nadine Day 34
• 50 M. BUTTERFLY		35.30 Jessica Aguilar 31	1:09.62 Laura Von Gluck 34
28.68 SHEILA TAORMINA 96		35.47 Jennifer Harnett 33	1:09.71 Brandy N Hugo 32
28.76 Jennifer Brooks 27		35.63 Alison Davis 33	1:12.16 Staci Inscore 32
29.85 Julia Voitovitsch 28		• 100 M. BACKSTROKE	1:13.83 Juliette De Sousa 34
29.85 Julia Voitovitsch 28		1:03.36 K PIPES-NEILSEN 96	1:14.94 Laurie Dodd 32
31.22 Jennifer Tweedie 26		1:05.68 Camilla Johansson 30	1:17.00 Shannon Titzel 34
31.28 Marci Herzog 27		1:10.62 Nadine K Day 34	1:17.28 Traci J Kreppel 33
31.79 Maggie Singler 25		1:13.21 Kristina R Morse 31	1:17.98 Anna Armentrout 33
31.85 Branka Sustic 26		1:15.25 Emily L Groome 30	1:18.79 Laura Dravenstott 33
31.87 Alicia Markey 25		1:16.62 Alison Davis 33	• 200 M. BUTTERFLY
32.29 Jenny L Mooney 27		1:16.70 Traci J Kreppel 33	2:19.34 KATRINA RADKE 03
32.39 Diane Drake 25		1:16.92 Patty Buffett 31	2:24.91 Nadine Day 34
32.45 Hilliary Thompson 29		1:17.58 Karen Duggan 34	2:27.74 Becky Crowe-Hill 31
• 100 M. BUTTERFLY		1:17.65 Anna Armentrout 33	2:32.96 Brandy N Hugo 32
1:01.33 SHEILA TAORMINA 96		1:18.60 Laura Dravenstott 33	2:45.53 Laurie Dodd 32
1:05.64 Lia Oberstar 28		• 200 M. BACKSTROKE	2:45.85 Staci Inscore 32
1:07.24 Chrissy M Miller 28		2:13.51 K PIPES-NEILSEN 96	2:50.81 Linda Hegeberg 34
1:09.66 Mandy Leach 25		2:29.24 Camilla Johansson 30	2:52.30 Juliette De Sousa 34
1:10.01 S Bausher-Grybos 27		2:32.18 Nadine K Day 34	2:53.19 Shannon Titzel 34
1:10.27 Diane Drake 25		2:46.31 Linda Hegeberg 34	2:55.78 Nan Werdin 33
1:10.98 Jennifer Tweedie 26		2:46.91 Meredith P Gilson 33	2:57.33 Petra Severit 34
1:11.16 Miriam Nowak 27		2:48.78 Traci J Kreppel 33	• 100 M. INDIVIDUAL MEDLEY
1:12.07 Laura K Koch 28		2:48.83 Patty Buffett 31	1:04.96 WENKE HANSEN 99
1:12.29 Jenny L Mooney 27		2:50.37 Monica Tory 32	1:07.55 Nadine Day 34
1:13.36 Jocelyn Wood 27		2:52.26 Karen Duggan 34	1:10.72 Carol Leigh-Wood 31
• 200 M. BUTTERFLY		2:54.22 Jennifer Mesler 34	1:11.56 Erika Braun 32
2:23.60 CHRISSEY MILLER 02		2:55.32 Colleen Alderson 33	1:11.65 Stephanie Walker 32
2:21.46 Lia Oberstar 28NV		• 50 M. BREASTSTROKE	1:12.62 Linda Visser 34
2:32.56 S Bausher-Grybos 27		32.82 WENKE HANSEN 00	1:13.03 Brandy N Hugo 32
2:34.87 Julia Voitovitsch 28			

WOMEN 30-34

• 50 M. FREESTYLE	25.98 KATRINA RADKE 04
25.98 Katrina Radke 34	
27.88 Nadine Day 34	
27.94 Erika Braun 32	
28.49 Carol Leigh-Wood 31	
28.50 Jessica Aguilar 31	
28.54 Emily L Groome 30	
28.93 Laura Alonso 33	
28.99 Stephanie Walker 32	
29.19 Brandy N Hugo 32	
29.35 Alison Davis 33	
• 100 M. FREESTYLE	57.35 S NEILSON-BELL 88
1:00.93 Nadine Day 34	
1:01.40 Erika Braun 32	
1:01.94 Emily L Groome 30	
1:02.57 Brandy N Hugo 32	
1:03.37 Jessica Aguilar 31	
1:03.64 Camilla Johansson 30	
1:04.06 Jennifer Harnett 33	
1:04.23 AnnMarie Terzaken 31	
1:05.24 Laura Von Gluck 34	
1:05.51 Laura Dravenstott 33	
• 200 M. FREESTYLE	2:04.64 K PIPES-NEILSEN 96
2:09.69 Nadine Day 34	
2:13.14 Camilla Johansson 30	
2:17.92 Sara Quan 32	
2:22.01 Laurie Dodd 32	
2:22.64 Mary E Dowling 33	
2:22.96 Alexandra Nieto 32	

2004 Short-Course Meters - Top-Ten Individuals

1:14.67 AnnMarie Terzaken 31	4:56.93 Victoria Rian 38	1:25.08 A Luallen-Egg 39	2:49.70 Kirsten H Pursell 37
1:14.73 Alexandra Nieto 32	▪ 800 M. FREESTYLE	1:27.12 Kathy Marques 38	▪ 400 M. INDIVIDUAL MEDLEY
1:14.84 Nikki Weeks 32	9:14.27 LAURIE HUG 00	1:28.92 Melanie L Widoff 35	4:52.85 K PIPES-NEILSEN 97
1:14.92 Traci J Kreppel 33	9:38.08 Laurie Hug 39	1:29.29 J L Michalski 37	5:14.35 Birgit Lohberg 39
▪ 200 M. INDIVIDUAL MEDLEY	9:41.93 Michele Shinn 36	1:29.89 Barbara Kolitsch 38	5:28.06 Laurie Hug 39
2:18.79 K PIPES-NEILSEN 96	9:46.94 Heather Hagadorn 39	1:30.00 Christine Winn 38	5:32.14 Dana Woody 35
2:27.46 Nadine Day 34	9:58.31 Dana Woody 35	1:30.12 S Lovell-Hampton 38	5:38.81 A L Luallen-Egg 39
2:27.82 Camilla Johansson 30	10:08.29 Mimi Cook 39	▪ 200 M. BREASTSTROKE	5:39.91 Nancy North 36
2:37.33 Becky Crowe-Hill 31	10:16.80 A L Luallen-Egg 39	2:36.04 CAROLINE KRATTLI 00	5:50.87 Kirsten Pursell 37
2:38.82 Linda Visser 34	10:17.89 Michele Fox 35	2:52.56 Louise Keogh 35	5:53.61 Heather Hagadorn 39
2:42.47 Linda Hegeberg 34	10:20.79 Kirsten H Pursell 37	2:52.86 Cheryl Conlin 36	5:58.82 Heidi Williams 35
2:44.04 Traci J Kreppel 33	10:30.49 Allison Moore 35	3:04.75 Laurie Hug 39	6:00.45 Heather Rietz 36
2:45.50 Natalie Shukov 32	10:36.50 Nancy A North 36	3:06.13 A L Luallen-Egg 39	6:03.25 Pamela Lindroos 38
2:45.60 Jennifer Harnett 33	▪ 1500 M. FREESTYLE	3:08.36 Christine Winn 38	
2:46.24 Jennifer Collins 33	17:27.84 LAURIE HUG 00	3:11.82 Pamela Lindroos 38	WOMEN 40-44
2:46.27 Lori S Geisler 32	18:09.67 Laurie Hug 39	3:13.14 S Lovell-Hampton 38	
▪ 400 M. INDIVIDUAL MEDLEY	19:00.48 Heather Hagadorn 39	3:17.18 Debbie K Janisse 39	▪ 50 M. FREESTYLE
4:53.85 K PIPES-NEILSEN 96	19:26.40 Nancy North 36	3:27.81 Kerry Lutzker 38	26.66 S NEILSON-BELL 96
5:09.75 Nadine Day 34	19:31.91 Margaret Reilly 35	3:28.60 Carol L Prescott 35	27.55 K Pipes-Neilsen 42
5:19.02 Camilla Johansson 30	20:07.40 Linda Finley 39	▪ 50 M. BUTTERFLY	27.64 Jill Hernandez 44
5:21.15 Alison H Zamanian 34	21:39.94 Janet Harris 39	28.68 TRACIE MOLL 01	28.38 Beth McGee 42
5:32.34 Laura Von Gluck 34	22:17.93 Kara L Gray 39	30.96 Jennifer Ridge 36	28.69 Carolyn Voorhees 43
5:36.26 Brandy N Hugo 32	22:25.89 Clare Strickler 36	31.11 Tara Simsak 35	28.91 Terri Maginnis 44
5:39.75 Chris Radcliff 30	22:29.21 Robin Segnitz 37	32.30 A Luallen-Egg 39	28.95 Heather Shannon 43
5:40.70 Linda Visser 34	22:53.44 Anne Curzan 35	32.53 Nancy North 36	29.10 Lisa Dahl 43
5:42.76 Linda Hegeberg 34	▪ 50 M. BACKSTROKE	32.88 Linda Finley 39	29.22 Tami Engel 41
5:47.88 Anna S Armentrout 33	30.73 K PIPES-NEILSEN 99	32.96 Heather Rietz 36	29.33 Kathy Garnier 44
5:48.11 Staci Inscore 32	32.33 A Luallen-Egg 39	32.96 Heather Hagadorn 39	29.67 Marika McCue 41
	33.29 Kristin Gary 37	32.98 Deborah Donaldson 39	▪ 100 M. FREESTYLE
WOMEN 35-39	34.12 Holly D Jenkins 37	33.60 Nancy A Rossetti 35	57.60 K PIPES-NEILSEN 03
▪ 50 M. FREESTYLE	34.13 Tara Simsak 35	33.70 S Lovell-Hampton 38	58.86 K Pipes-Neilsen 42
26.13 S NEILSON-BELL 95	34.59 Missie Bankes 39	▪ 100 M. BUTTERFLY	1:02.10 Beth McGee 42
28.23 Jennifer Ridge 36	35.40 Maike Silver 38	1:03.29 K PIPES-NEILSEN 97	1:04.24 Jana Matena 42
28.94 Michele Shinn 36	35.44 Dana Woody 35	1:06.07 Birgit Lohberg 39	1:04.37 Carolyn Voorhees 43
28.98 Heather Hagadorn 39	36.10 Christine Tait 39	1:07.74 Jennifer Ridge 36	1:04.43 Kathy Garnier 44
29.21 Heather Rietz 36	36.39 Maureen Costello 39	1:10.19 Tara Simsak 35	1:04.60 Marika McCue 41
29.67 Kathy Marques 38	36.50 Heather Hagadorn 39	1:11.18 Nancy North 36	1:04.89 Rebecca Kalibat 41
29.69 A Luallen-Egg 39	▪ 100 M. BACKSTROKE	1:13.38 Heather Hagadorn 39	1:05.00 Cathy Shonkwiler 44
29.73 S Lovell-Hampton 38	1:03.56 K PIPES-NEILSEN 97	1:14.21 Heather Rietz 36	1:05.10 Tami Engel 41
29.75 Tara Simsak 35	1:08.66 A Luallen-Egg 39	1:14.49 A L Luallen-Egg 39	1:05.11 Corrin Poppo 40
29.82 Deborah Donaldson 39	1:09.44 Kristin Gary 37	1:16.17 Kirsten H Pursell 37	▪ 200 M. FREESTYLE
29.87 Louise Keogh 35	1:14.04 Tara Simsak 35	1:17.55 Susie Shuck 39	2:05.26 K PIPES-NEILSEN 03
▪ 100 M. FREESTYLE	1:14.33 Nancy North 36	1:17.85 Carol L Prescott 35	2:05.64 K Pipes-Neilsen 42
57.65 K PIPES-NEILSEN 00	1:14.57 Dana Woody 35	▪ 200 M. BUTTERFLY	2:15.39 Rebecca Kalibat 41
1:00.83 Jennifer Ridge 36	1:15.94 Missie Bankes 39	2:18.41 K PIPES-NEILSEN 97	2:19.71 Beth McGee 42
1:02.37 Heather Hagadorn 39	1:18.34 Kirsten Pursell 37	2:26.79 Birgit Lohberg 39	2:21.65 Jana Matena 42
1:03.45 Michele Shinn 36	1:18.37 Michele Fox 35	2:35.89 Laurie Hug 39	2:22.83 Tami Engel 41
1:03.45 Kristin Gary 36	1:18.88 Heather Hagadorn 39	2:38.80 Nancy North 36	2:23.23 Valerie Jenkins 41
1:03.72 Heather Rietz 36	1:18.90 Eileen Loveless 38	2:44.92 Kirsten Pursell 37	2:23.29 Kathy Garnier 44
1:04.12 Dana Woody 35	▪ 200 M. BACKSTROKE	2:54.01 Carol L Prescott 35	2:24.28 Laura Winslow 44
1:04.33 Tara Simsak 35	2:14.10 K PIPES-NEILSEN 97	3:00.43 Suzanne Harris 38	2:24.49 Corrin Poppo 40
1:04.59 Mimi Cook 39	2:29.35 Kristin Gary 37	3:11.65 Ilyse Hildebrand 37	2:24.49 Kathleen Tereault 43
1:04.70 Linda Finley 39	2:31.46 A Luallen-Egg 39	3:17.51 Michelle Ward 36	▪ 400 M. FREESTYLE
1:05.31 S Lovell-Hampton 38	2:32.78 Birgit Lohberg 39	3:22.32 Lisa Lasarenko 39	4:21.75 K PIPES-NEILSEN 03
▪ 200 M. FREESTYLE	2:37.41 Nancy North 36	3:38.81 Jennifer Richter 36	4:24.94 K Pipes-Neilsen 42
2:03.56 K PIPES-NEILSEN 97	2:39.96 Dana Woody 35	▪ 100 M. INDIVIDUAL MEDLEY	4:42.15 Rebecca Kalibat 41
2:12.61 Jennifer Ridge 36	2:43.23 Linda Finley 39	1:05.40 K PIPES-NEILSEN 00	4:57.65 Jana Matena 42
2:12.94 Heather Hagadorn 39	2:44.96 Heidi Williams 35	1:12.42 A Luallen-Egg 39	5:02.91 Laura Kessler 44
2:16.82 Dana Woody 35	2:49.26 Michele Fox 35	1:14.54 Louise Keogh 35	5:07.02 Tami Engel 41
2:18.26 Michele Shinn 36	2:50.48 Annmari Guglielmi 36	1:14.56 Tara Simsak 35	5:10.73 Erin Burgman 42
2:19.55 Nancy North 36	2:52.19 Christine Honig 35	1:15.18 Linda Finley 39	5:11.56 Laura Winslow 44
2:20.07 Laurie Hug 39	▪ 50 M. BREASTSTROKE	1:15.63 Margaret Reilly 35	5:14.87 Faye Lachney 43
2:20.96 Heidi Williams 35	33.03 CAROLINE KRATTLI 00	1:15.70 Heather Hagadorn 39	5:14.90 Karen Spaun 40
2:21.68 Linda Finley 39	36.51 Louise Keogh 35	1:16.44 Kirsten Pursell 37	5:15.86 Elizabeth Nowak 41
2:21.83 Heather Rietz 36	37.25 Cheryl Conlin 36	1:16.63 Heather Rietz 36	▪ 800 M. FREESTYLE
2:24.00 A Luallen-Egg 39	38.60 Deborah Donaldson 39	1:16.68 Deborah Donaldson 39	9:09.71 K PIPES-NEILSEN 03
▪ 400 M. FREESTYLE	39.06 A Luallen-Egg 39	1:17.30 Kathy Marques 38	9:36.51 K Pipes-Neilsen 42
4:22.56 K PIPES-NEILSEN 99	40.00 Kathy Marques 38	▪ 200 M. INDIVIDUAL MEDLEY	9:44.07 Rebecca Kalibat 41
4:41.17 Laurie Hug 39	40.28 Michelle Ghiggeri 35	2:19.08 K PIPES-NEILSEN 00	10:12.75 Jana Matena 42
4:41.23 Birgit Lohberg 39	40.30 Loree Watanabe 39	2:29.22 Birgit Lohberg 39	10:15.55 Pat Craissati 44
4:45.36 Heather Hagadorn 39	40.56 S Lovell-Hampton 38	2:29.44 Jennifer Ridge 36	10:24.38 Janet G Coover 41
4:45.44 Michele Shinn 36	41.11 Barbara Kolitsch 38	2:36.69 A Luallen-Egg 39	10:32.68 Arlene Delmage 42
4:50.33 Nancy North 36	41.31 Alison G Badger 38	2:38.23 Dana Woody 35	10:46.18 Michele L Bailey 41
4:52.54 Mimi Cook 39	▪ 100 M. BREASTSTROKE	2:42.83 Nancy North 36	10:49.83 Lisa Sheeper 40
4:52.83 Dana Woody 35	1:11.97 CAROLINE KRATTLI 00	2:44.53 Louise Keogh 35	10:56.20 Faye Lachney 43
4:53.14 Heidi Williams 35	1:19.27 Jennifer Ridge 36	2:45.79 Tara Simsak 35	11:10.10 Ali R Hall 43
4:54.91 A Luallen-Egg 39	1:19.49 Cheryl Conlin 36	2:45.94 Annmari Guglielmi 36	▪ 1500 M. FREESTYLE
	1:19.90 Louise Keogh 35	2:48.95 Heather Rietz 36	17:45.50 K PIPES-NEILSEN 03

2004 Short-Course Meters - Top-Ten Individuals

17:55.36 K Pipes-Neilsen 42	3:08.66 Sue Stohrer 41		36.22 Patty Landers 48
18:33.31 Rebecca Kalibat 41	3:08.77 Carolyn Koster 43	50 M. FREESTYLE	36.23 Jane McCall 45
19:34.91 Jana Matena 42	3:09.15 Penny Bates 43	28.06 JACKI HIRSTY 00	36.54 Debbie Cavanaugh 46
20:01.52 Cathy Shonkwiler 44	3:09.17 CJ-Lockman Hall 40	28.77 K Andrus-Hughes 47	37.06 Peggy McDonnell 49
20:31.98 Faye Lachney 43	50 M. BUTTERFLY	28.85 Leiann Crittenden 48	37.11 Barbara L Jones 48
20:39.64 Erin Burgman 42	29.51 K PIPES-NEILSEN 03	28.94 Traci Granger 46	37.67 Susan Ingraham 45
20:43.05 Karen Spaun 40	30.02 Jill Hernandez 44	30.42 Colette Crabbe 48	37.83 Marilyn Early 47
20:44.75 Nicole Vanderpoel 40	30.70 K Pipes-Neilsen 42	30.60 Barbara L Jones 48	100 M. BACKSTROKE
21:03.32 Penny Bates 43	31.72 Carolyn Voorhees 43	30.74 Christin Lockhart 46	1:09.98 L VAN PELT-DILLER 03
21:15.36 Melanie J Dullea 43	32.23 Pat Craissati 44	30.90 Hermine Terhorst 46	1:10.90 K Andrus-Hughes 47
50 M. BACKSTROKE	32.25 Lisa Dahl 43	30.94 Karen Stausky 46	1:13.93 Bonnie Bilich 46
30.98 K PIPES-NEILSEN 02	32.65 Marika McCue 41	31.05 Liz O'Sullivan 46	1:16.99 Jane McCall 45
32.90 K Pipes-Neilsen 42	32.98 Kristin Henderson 44	31.08 Susan Ingraham 45	1:17.65 Cory S Ferrara 46
32.92 Marika McCue 41	32.99 Michele Roy 40	100 M. FREESTYLE	1:18.13 L A Hasselquist 46
32.93 Jill Hernandez 44	33.07 Beth McGee 42	1:02.00 LAURA VAL 98	1:18.48 Debbie Cavanaugh 46
32.94 Valerie Jenkins 41	33.09 Florence Emanuel 42	1:03.00 K Andrus-Hughes 47	1:18.90 Leiann Crittenden 48
33.44 Vibeke Swanson 43	100 M. BUTTERFLY	1:03.84 Suzann Heim-Bowen 46	1:19.97 Charlene O'Brien 48
34.12 Terri Maginnis 44	1:03.31 K PIPES-NEILSEN 03	1:04.09 Traci Granger 46	1:20.61 Laurie Alioto 46
34.43 Liz Tiedemann 41	1:05.22 K Pipes-Neilsen 42	1:04.31 Leiann Crittenden 48	1:20.78 Jan S Boland 46
34.73 Laurie DiTommaso 42	1:11.77 Pat Craissati 44	1:06.68 Cory S Ferrara 46	200 M. BACKSTROKE
35.47 Cathy Shonkwiler 44	1:12.60 Tami Engel 41	1:07.94 L A Hasselquist 46	2:36.25 KAREN EINSIDLER 01
35.89 Lisa Dahl 43	1:13.64 Lynn Barnhart 43	1:08.14 Marguerite Meyer 45	2:38.51 K Andrus-Hughes 47
100 M. BACKSTROKE	1:13.68 Joanne Steinauer 41	1:08.60 Joy Leutner 46	2:42.18 Bonnie Bilich 46
1:05.43 K PIPES-NEILSEN 02	1:14.00 Kathleen Tereault 43	1:08.62 Karen M Mareb 46	2:47.59 Patty Landers 48
1:07.19 K Pipes-Neilsen 42	1:14.02 Sara Demyanovich 40	1:08.98 Beth O Fries 46	2:48.04 L A Hasselquist 46
1:09.93 Vibeke Swanson 43	1:14.95 Caryl Barrett 41	200 M. FREESTYLE	2:48.46 Laurie Alioto 46
1:11.73 Marika McCue 41	1:15.29 Cheryl Barany 40	2:10.91 S HEIM-BOWEN 03	2:50.16 Jane McCall 45
1:16.97 Valerie Jenkins 41	1:15.33 Michele M Roy 40	2:20.80 K Andrus-Hughes 47	2:51.94 Debbie Cavanaugh 46
1:18.11 Cindy Dobyms 42	200 M. BUTTERFLY	2:26.36 Tracy L Grilli 47	2:53.85 Robin Batchelor 47
1:18.42 Mary Anders 41	2:20.71 K PIPES-NEILSEN 02	2:26.51 Joy Leutner 46	2:53.91 M Pujalet-Devitt 47
1:18.79 Tami Engel 41	2:22.58 K Pipes-Neilsen 42	2:28.08 Traci Granger 46	2:54.45 Marilyn Early 47
1:19.06 Erin Burgman 42	2:37.04 Rebecca Kalibat 41	2:30.87 Leslie Henshaw 45	50 M. BREASTSTROKE
1:19.37 Joanne Steinauer 41	2:40.03 Arlene Delmage 42	2:31.50 Celia Devanney 47	36.63 MELINDA MANN 02
1:19.77 Cathy Shonkwiler 44	2:41.70 Pat Craissati 44	2:32.56 Beth O Fries 46	37.07 Karen Melick 47
200 M. BACKSTROKE	2:50.06 Tami Engel 41	2:33.81 Nanci E Sirois 46	37.32 Leiann Crittenden 48
2:19.09 K PIPES-NEILSEN 03	2:59.10 April Oliver 43	2:37.26 Karen Stausky 46	38.13 Colette Crabbe 48
2:25.16 K Pipes-Neilsen 42	3:03.95 Elisabeth-E Deal 40	2:37.57 Marilyn Early 47	38.18 Karen M Mareb 46
2:32.53 Vibeke Swanson 43	3:15.09 Deb Valderrama 41	400 M. FREESTYLE	39.60 Debbie Cavanaugh 46
2:49.30 Tami Engel 41	3:16.87 Heather Shannon 43	4:30.98 S HEIM-BOWEN 03	40.29 Amy B Cooley 48
2:49.60 Karen J Smyers 43	3:29.72 Nancy Tunstall 42	5:06.74 Tracy L Grilli 47	40.66 Peggy Brannon 45
2:51.05 Cheryl Barany 40	100 M. INDIVIDUAL MEDLEY	5:08.81 Joy Leutner 46	40.66 Christin Lockhart 46
2:53.57 Patty Starks 44	1:05.56 K PIPES-NEILSEN 03	5:10.52 Celia Devanney 47	40.92 Peggy McDonnell 49
2:54.48 Beth Schubert 40	1:06.91 K Pipes-Neilsen 42	5:17.65 Charlene O'Brien 48	41.38 Judy Hawksworth 45
2:54.86 Laura Winslow 44	1:08.91 Jill Hernandez 44	5:18.67 Heidi Christensen 46	100 M. BREASTSTROKE
2:58.76 Michelle Hartwell 40	1:12.21 Marika McCue 41	5:28.28 Robin Batchelor 47	1:19.93 MELINDA MANN 02
3:01.68 Nancy Tunstall 42	1:12.96 Terri Maginnis 44	5:29.18 Laurie Alioto 46	1:22.76 Karen M Mareb 46
50 M. BREASTSTROKE	1:14.14 Janet G Coover 41	5:29.81 Karen Stausky 46	1:23.36 Leiann Crittenden 48
33.67 CAROLINE KRATTLI 03	1:14.21 Carolyn Voorhees 43	5:33.58 Beth O Fries 46	1:26.78 Amy B Cooley 48
36.12 K Pipes-Neilsen 42	1:14.31 Laurie DiTommaso 42	5:38.79 Cheri Ellington 47	1:27.81 Bonnie Bilich 46
36.51 Jill Hernandez 44	1:14.35 Corrin Pops 40	800 M. FREESTYLE	1:28.51 Peggy Brannon 45
37.29 Laurie DiTommaso 42	1:14.54 Beth McGee 42	9:27.44 S HEIM-BOWEN 04	1:28.56 Debbie Cavanaugh 46
38.13 Patricia M Powis 43	1:14.75 Tami Engel 41	9:27.44 Suzann Heim-Bowen 46	1:29.93 Janie McCall 45
38.15 Corrin Pops 40	200 M. INDIVIDUAL MEDLEY	10:26.40 Marguerite Meyer 45	1:30.10 Nancy Gravel 46
38.23 Janet G Coover 41	2:20.55 K PIPES-NEILSEN 03	10:35.91 Joy Leutner 46	1:30.49 Judy Hawksworth 45
38.23 Michele Roy 40	2:26.95 K Pipes-Neilsen 42	10:39.25 Heidi Christensen 46	1:30.59 Judy Ramirez 46
38.74 Steph Peterson 42	2:35.58 Rebecca Kalibat 41	10:41.11 Tracy L Grilli 47	200 M. BREASTSTROKE
39.28 Lynette Washburn 41	2:36.30 Vibeke Swanson 43	10:42.78 Celia Devanney 47	2:54.05 COLETTE CRABBE 02
39.37 Marika McCue 41	2:40.64 Corrin Pops 40	10:47.91 Leslie Henshaw 45	2:57.19 Karen Melick 47
100 M. BREASTSTROKE	2:43.71 Beth McGee 42	11:04.94 Laurie Alioto 46	2:57.92 Colette Crabbe 48
1:12.08 CAROLINE KRATTLI 03	2:44.21 Kathleen Tereault 43	11:25.08 Beth O Fries 46	3:08.56 Leiann Crittenden 48
1:17.88 K Pipes-Neilsen 42	2:45.31 Pat Craissati 44	11:28.52 Niki F Stokols 47	3:14.14 C Gettelfinger 47
1:20.79 Janet G Coover 41	2:45.65 Mary Anders 41	1500 M. FREESTYLE	3:15.44 Nancy Gravel 46
1:21.23 Rebecca Kalibat 41	2:46.37 Steph Peterson 42	17:50.64 S HEIM-BOWEN 04	3:23.05 Peggy McDonnell 49
1:21.30 Corrin Pops 40	2:46.66 Cheryl Barany 40	17:50.64 Suzann Heim-Bowen 46	3:23.87 Judy Ramirez 46
1:21.69 Patricia M Powis 43	400 M. INDIVIDUAL MEDLEY	19:49.05 Mary Sweat 47	3:27.53 Lori Lamoureux 45
1:22.20 Steph Peterson 42	5:00.82 K PIPES-NEILSEN 02	20:02.31 Joy Leutner 46	3:27.75 Janice A Lukasik 46
1:24.52 Michele M Roy 40	5:02.65 K Pipes-Neilsen 42	20:21.30 Marguerite Meyer 45	3:30.25 Ruth Niedrich 45
1:24.93 Laurie DiTommaso 42	5:20.13 Vibeke Swanson 43	20:27.19 Cory S Ferrara 46	50 M. BUTTERFLY
1:25.13 Sara Demyanovich 40	5:27.08 Rebecca Kalibat 41	20:29.81 Sharon Salzman 46	30.74 TRACI GRANGER 04
1:25.55 Sue Stohrer 41	5:42.34 Kathleen Tereault 43	20:37.43 Celia Devanney 47	30.74 Traci Granger 46
200 M. BREASTSTROKE	5:50.24 Arlene Delmage 42	20:53.50 Laurie Alioto 46	32.16 Jane McCall 45
2:39.10 CAROLINE KRATTLI 02	5:55.67 Karen J Smyers 43	20:57.41 Robin Batchelor 47	32.90 Roberta Norwood 45
2:50.27 K Pipes-Neilsen 42	6:01.72 Cheryl Barany 40	23:04.71 Beth Jones 47	33.39 Charlene O'Brien 48
2:55.20 Rebecca Kalibat 41	6:04.41 Penny Bates 43	50 M. BACKSTROKE	33.44 Barb B Handler 47
2:58.71 Corrin Pops 40	6:05.00 Sue Stohrer 41	32.65 L VAN PELT-DILLER 03	33.62 Colette Crabbe 48
2:59.58 Steph Peterson 42	6:07.83 Abigail Falk 43	32.93 K Andrus-Hughes 47	33.84 K Andrus-Hughes 47
3:03.67 Sara Demyanovich 40		36.01 Jan S Boland 46	33.84 Cory S Ferrara 46
3:04.80 Susan Richmond 43		36.13 L A Hasselquist 46	33.93 Leiann Crittenden 48

WOMEN 45-49

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34.27 Peggy McDonnell 49	1:02.60 Laura Val 53	1:21.52 Christie Ciraulo 51	2:53.29 N Steadman-Martin 50
• 100 M. BUTTERFLY	1:04.31 Jacki Hirsty 52	1:22.08 Jan Miller 54	2:55.80 Christie Ciraulo 51
1:08.10 LAURA VAL 99	1:07.16 Joel T Feldmann 53	1:22.88 Anne LaBorwit 54	2:58.76 Debbie Glassman 51
1:10.47 Traci Granger 46	1:07.40 K Trebesinger 51	1:24.03 Vicki Seriani 53	3:19.63 Kris Wingenroth 51
1:12.66 Jane McCall 45	1:08.11 N Steadman-Martin 50	• 200 M. BACKSTROKE	3:32.24 Jan Miller 54
1:16.26 Charlene O'Brien 48	1:08.47 Colny Tucker 53	2:41.20 LAURA VAL 03	3:44.85 Vicki Seriani 53
1:17.05 M Pujalet-Devitt 47	1:08.56 Evie Lynch 52	2:46.66 Evie Lynch 52	3:48.39 Lesley A Goodell 50
1:19.91 Joy Leutner 46	1:09.94 Anne Laborwit 54	2:53.59 Christie Ciraulo 51	3:52.35 R Brittingham 53
1:20.94 Barb B Handler 47	1:09.96 Debbie Glassman 51	2:55.04 Karlen Trebesiner 51	3:54.75 Mary-Chris Kay 51
1:21.47 Celia Devanney 47	1:10.17 Marilyn A Fink 50	2:57.78 Skippy Mattson 51	4:02.39 Susie Powell 52
1:24.47 Robin Batchelor 47	• 200 M. FREESTYLE	3:00.58 Louise Cleary 50	• 100 M. INDIVIDUAL MEDLEY
1:25.58 Judy Hawksworth 45	2:14.66 LAURA VAL 03	3:02.29 Vicki Seriani 53	1:13.12 DANIELLE OGIER 02
1:25.69 Sharon Stewart 45	2:16.55 Laura Val 53	3:02.32 Anne LaBorwit 54	1:14.28 Laura B Val 53
• 200 M. BUTTERFLY	2:22.97 Jacki Hirsty 52	3:04.09 Jan Miller 54	1:17.63 Evie Lynch 52
2:32.52 LAURA VAL 99	2:26.52 Kathi Lindstrom 51	3:05.87 Joan Byrne 50	1:19.25 Cynthia Maltry 50
2:47.40 Traci Granger 46	2:28.88 Evie Lynch 52	3:10.86 Brenda L Wilks 50	1:21.06 Karlen Trebesiner 51
2:48.30 Debbie M Swigert 49	2:29.11 Christie Ciraulo 51	• 50 M. BREASTSTROKE	1:21.32 Marilyn A Fink 50
2:49.07 Laurie Alioto 46	2:31.32 Karlen Trebesiner 51	37.94 SUSAN JONES-ROY 01	1:22.01 Colny Tucker 53
2:54.04 Joy Leutner 46	2:33.74 Anne LaBorwit 54	40.16 Merry Finch 50	1:22.65 Pat Sargeant 51
2:55.06 Marguerite Meyer 45	2:33.93 Heidi Ernst 52	40.30 Barbara R Hummel 52	1:23.89 Louise Cleary 50
2:57.52 Robin Batchelor 47	2:34.44 N Steadman-Martin 50	41.42 Cynthia Maltry 50	1:24.33 Catherine Kohn 51
3:05.73 Celia Devanney 47	2:40.78 Joan Byrne 50	41.47 Evie Lynch 52	1:25.06 Judy A Eisenman 50
3:11.75 Frances Reneau 45	• 400 M. FREESTYLE	41.94 Paula Smith 50	• 200 M. INDIVIDUAL MEDLEY
3:19.30 Susan Ingraham 45	4:45.72 LAURA VAL 03	42.47 Diane Rothenberg 51	2:37.52 DANIELLE OGIER 02
3:24.56 Rebecca Pyle 48	5:05.80 N Steadman-Martin 50	42.65 Skippy Mattson 51	2:49.29 Evie Lynch 52
• 100 M. INDIVIDUAL MEDLEY	5:07.83 Jacki Hirsty 52	43.14 Joan Byrne 50	2:51.86 Kathi Lindstrom 51
1:11.82 LAURA VAL 97	5:09.91 Christie Ciraulo 51	44.00 Catherine Kohn 51	2:57.87 Christie Ciraulo 51
1:13.29 Colette Crabbe 48	5:11.50 Kathi Lindstrom 51	44.10 Ann Y McDermott 50	2:58.35 Pat Sargeant 51
1:14.96 Leiann Crittenden 48	5:16.88 Evie Lynch 52	• 100 M. BREASTSTROKE	2:58.99 Skippy Mattson 51
1:15.05 K Andrus-Hughes 47	5:18.71 K Trebesinger 51	1:22.53 SUSAN JONES-ROY 01	3:01.03 Catherine Kohn 51
1:15.99 Bonnie Bilich 46	5:34.55 Pat Sargeant 51	1:28.97 Barbara R Hummel 52	3:01.67 Louise Cleary 50
1:16.15 Jane McCall 45	5:38.41 Anne Laborwit 54	1:32.32 Evie Lynch 52	3:03.02 K Trebesinger 51
1:16.79 Traci Granger 46	5:39.53 Joan Byrne 50	1:32.46 Paula Smith 50	3:05.87 Diane Rothenberg 51
1:18.73 Debbie Cavanaugh 46	5:40.83 Judy Eisenman 50	1:32.76 Skippy Mattson 51	3:07.48 Judy A Eisenman 50
1:19.06 Tracy L Grilli 47	• 800 M. FREESTYLE	1:32.98 Diane Rothenberg 51	• 400 M. INDIVIDUAL MEDLEY
1:19.25 Peggy McDonnell 49	9:50.53 LAURA VAL 03	1:33.65 Catherine Kohn 51	5:36.28 LAURA VAL 02
1:19.84 Karen Sing 47	10:28.63 Christie Ciraulo 51	1:36.08 Melissa Adkison 52	6:06.07 Kathi Lindstrom 51
• 200 M. INDIVIDUAL MEDLEY	10:32.91 N Steadman-Martin 50	1:36.68 Ann Y McDermott 50	6:17.16 Christie Ciraulo 51
2:36.60 DANIELLE OGIER 00	11:11.59 Heidi Ernst 52	1:37.36 Barbara Boslego 53	6:23.79 Skippy Mattson 51
2:44.03 Bonnie Bilich 46	11:19.86 Anne Laborwit 54	1:38.03 Melinda J Smith 52	6:26.43 Karlen Trebesiner 51
2:44.77 Jane McCall 45	11:35.79 Joan Byrne 50	• 200 M. BREASTSTROKE	6:28.32 Catherine Kohn 51
2:46.73 Cory S Ferrara 46	11:42.30 Sally Guthrie 54	2:59.48 DANIELLE OGIER 02	6:43.65 Barbara R Hummel 52
2:47.41 Traci Granger 46	11:44.17 Judy A Eisenman 50	3:14.51 Barbara R Hummel 52	6:45.27 Louise Cleary 50
2:48.93 Marguerite Meyer 45	11:50.77 Fran Hare 54	3:15.47 Skippy Mattson 51	6:53.96 Kris Wingenroth 51
2:50.79 M Pujalet-Devitt 47	11:56.64 Colny Tucker 53	3:16.50 Catherine Kohn 51	6:58.55 Kathleen Davis 50
2:52.69 Joy Leutner 46	11:57.63 Susan Francis 51	3:17.54 Merry Finch 50	7:22.96 Carolyn Lyman 54
2:53.40 Peggy McDonnell 49	• 1500 M. FREESTYLE	3:19.81 Diane Rothenberg 51	
2:54.71 Nanci E Sirois 46	18:59.17 LAURA VAL 02	3:22.14 Kathi Lindstrom 51	WOMEN 55-59
2:55.36 Barb B Handler 47	19:56.25 Christie Ciraulo 51	3:24.56 Paula Smith 50	• 50 M. FREESTYLE
• 400 M. INDIVIDUAL MEDLEY	20:09.61 Kathi Lindstrom 51	3:28.58 Melissa Adkison 52	30.37 ARDETH MUELLER 96
5:33.37 LAURA VAL 99	20:22.62 N Steadman-Martin 50	3:33.60 Ann Y McDermott 50	32.78 Ruth Y Shaps 57
5:54.42 Traci Granger 46	21:14.78 Debbie Wilson 50	3:36.05 Eileen M Craffey 53	33.06 Christie Altman 55
5:57.81 Marguerite Meyer 45	21:55.91 Joan Byrne 50	• 50 M. BUTTERFLY	34.02 Janet Gettling 56
6:00.22 Joy Leutner 46	22:07.44 Sally K Guthrie 54	31.16 LAURA VAL 01	34.30 Ann B Lyttle 56
6:02.41 Charlene O'Brien 48	22:51.91 R Brittingham 53	32.40 Laura Val 53	34.50 Joanne Menard 56
6:03.58 Leslie Henshaw 45	23:05.11 Judy Strauss 50	32.95 Christie Ciraulo 51	35.98 Janet Jastremski 56
6:06.47 Robin Batchelor 47	23:35.44 E Deschenes 51	33.13 Joel T Feldmann 53	36.01 Susan Tyler 56
6:08.90 Debbie M Swigert 49	23:37.94 Kathy Boyer 50	34.13 Cynthia Maltry 50	36.14 Meegan Wilson 56
6:23.12 Jan S Boland 46	• 50 M. BACKSTROKE	34.53 Karlen Trebesiner 51	36.44 Sandi Rousseau 57
6:37.26 Nancy Gravel 46	32.55 J SWAGERTY-HILL 02	35.41 Colny Tucker 53	36.47 Nancy Kranpitz 59
6:45.48 Ruth Niedrich 45	33.10 Laura B Val 53	35.76 Pat Sargeant 51	• 100 M. FREESTYLE
	34.39 Evie Lynch 52	35.85 Jan Miller 54	1:07.59 BARBARA DUNBAR 04
WOMEN 50-54	34.86 Joel T Feldmann 53	36.63 Barbara Taylor 50	1:07.59 Barbara G Dunbar 55
• 50 M. FREESTYLE	36.71 Karlen Trebesiner 51	36.76 Kathleen Davis 50	1:15.39 Ann B Lyttle 56
28.54 JACKI HIRSTY 02	36.94 Ann Guins 51	• 100 M. BUTTERFLY	1:15.40 Ruth Y Shaps 57
28.58 Jacki Hirsty 52	37.06 Marilyn A Fink 50	1:09.05 LAURA VAL 01	1:15.95 Joanne Menard 56
29.23 Laura B Val 53	37.38 Jan Miller 54	1:10.02 Laura Val 53	1:16.16 Janet Gettling 56
29.56 Joel T Feldmann 53	37.46 Cynthia Maltry 50	1:16.40 Christie Ciraulo 51	1:16.26 Christie Altman 55
30.01 Karlen Trebesiner 51	38.13 Nancy Surdoval 51	1:18.66 Evie Lynch 52	1:20.23 Chris Schroeder 55
30.61 Colny Tucker 53	38.33 Anne Laborwit 54	1:23.92 Karlen Trebesiner 51	1:20.74 Myriam Pero 55
30.87 Marilyn A Fink 50	• 100 M. BACKSTROKE	1:25.99 Kathleen Davis 50	1:20.77 Sandi Rousseau 57
31.33 Pat Sargeant 51	1:12.95 LAURA VAL 01	1:27.11 Barbara Protzman 50	1:21.02 Janet Jastremski 56
31.45 Evie Lynch 52	1:13.63 Evie Lynch 52	1:29.54 Brenda L Wilks 50	• 200 M. FREESTYLE
31.60 Susan Francis 51	1:15.00 Laura Val 53	1:32.08 Kris Wingenroth 51	2:27.59 BARBARA DUNBAR 04
31.85 Debbie Glassman 51	1:18.86 Joel T Feldmann 53	1:33.11 Jan Miller 54	2:27.59 Barbara G Dunbar 55
• 100 M. FREESTYLE	1:19.31 Karlen Trebesiner 51	1:34.67 Mary-Chris Kay 51	2:39.36 Susan L Yeomans 56
1:01.49 LAURA VAL 01	1:19.71 Marilyn A Fink 50	• 200 M. BUTTERFLY	2:44.75 Ann B Lyttle 56
	1:20.17 N Steadman-Martin 50	2:44.84 BARBARA DUNBAR 99	

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2:45.39 Marcia L Barry	56	3:31.55 Barbara Larsen	57	1:27.74 Christie Altman	55	6:49.04 Elaine Bromwich	62
2:48.32 Christie Altman	55	50 M. BREASTSTROKE		1:28.13 Ginger Pierson	58	6:54.98 Susan Meyers	62
2:51.55 Joanne Menard	56	39.35 DALE BARNHARD	03	1:28.41 Carolyn F Boak	59	6:54.99 Anne Botsford	61
2:57.29 Barbara Goltz	58	40.86 Ginger Pierson	58	1:29.78 A Susan Tyler	56	6:57.46 Anne Long	62
2:59.46 Myriam Pero	55	42.34 Janet Gettling	56	1:32.58 Meegan Wilson	56	800 M. FREESTYLE	
3:00.59 Phyllis Springer	55	43.27 Margot Pettijohn	58	1:33.61 Chris Schroeder	55	11:24.28 ARDETH MUELLER	04
3:02.13 Meegan Wilson	56	43.43 Gerre Jones	56	1:33.93 Jeannie Mitchell	58	11:24.28 Ardeth Mueller	63
400 M. FREESTYLE		43.99 Meegan Wilson	56	200 M. INDIVIDUAL MEDLEY		11:34.09 Jackie Marr	61
5:01.53 BARBARA DUNBAR	04	45.12 Kathy Slifer	59	2:52.43 ARDETH MUELLER	97	12:41.92 Jane Katz	61
5:01.53 Barbara Dunbar	55	46.46 Barbara Goltz	58	2:56.12 Barbara G Dunbar	55	13:07.26 Sue Calnek-Morris	61
5:40.54 Meredith Moore	55	47.21 Kathrine Casey	56	3:14.40 Christie Altman	55	13:21.65 Lynne Lund	64
5:42.26 Marcia L Barry	56	47.35 Stephanie Scott	57	3:17.91 Ginger Pierson	58	14:05.69 Susan Meyers	62
5:49.38 Ann B Lyttle	56	48.04 Jeanine Smith	56	3:18.45 Susan Tyler	56	14:15.15 Ida Hlavacek	62
5:52.40 Linda Shoenberger	57	100 M. BREASTSTROKE		3:22.50 Susan Yeomans	56	14:34.35 Marilyn A Ramey	64
5:56.06 Joanne Menard	56	1:26.33 DALE BARNHARD	03	3:24.38 Marcia L Barry	56	15:02.37 Jennifer Parks	61
6:03.24 Phyllis Springer	55	1:30.11 Ginger Pierson	58	3:26.42 Jeannie Mitchell	58	15:22.15 Marlee Valderhaug	63
6:09.30 Myriam Pero	55	1:34.13 Margot Pettijohn	58	3:27.68 Mary M Pohlmann	59	1500 M. FREESTYLE	
6:21.15 Mary M Pohlmann	59	1:36.56 Kathy Slifer	59	3:31.41 Chris Schroeder	55	21:33.34 JACKIE MARR	03
6:21.62 Barbara Goltz	58	1:37.38 Meegan Wilson	56	3:32.71 Marji Thomas-Will	57	25:04.81 Lynne Lund	64
800 M. FREESTYLE		1:45.18 Stephanie Scott	57	400 M. INDIVIDUAL MEDLEY		25:45.30 Sue Calnek-Morris	61
10:17.86 BARBARA DUNBAR	04	1:46.12 Jeanine Smith	56	6:04.58 BARBARA DUNBAR	04	26:33.61 Susan Meyers	62
10:17.86 Barbara Dunbar	55	1:47.04 Janit P Romayko	59	6:04.58 Barbara G Dunbar	55	26:51.22 Ida Hlavacek	62
11:30.15 Meredith Moore	55	1:47.71 Elizabeth A Kane	55	6:48.64 Carolyn F Boak	59	26:58.18 Anne Long	62
11:59.18 Linda Shoenberger	57	1:49.18 Susan Ellis	57	7:00.42 Susan L Yeomans	56	28:03.92 Daniela Barnea	60
12:18.85 Joanne Menard	56	1:50.49 Linda Webb	59	7:01.94 Ginger Pierson	58	28:22.39 Jane Birkhead	64
12:27.53 Phyllis Springer	55	200 M. BREASTSTROKE		7:17.23 Mary M Pohlmann	59	28:22.67 Jennifer Parks	61
12:53.78 Mary M Pohlmann	59	3:12.18 DALE BARNHARD	03	7:19.88 Barbara Larsen	57	28:45.85 Marilyn Ramey	64
12:58.74 Susan Yeomans	56	3:20.84 Ginger Pierson	58	7:23.32 Catherine Brooks	56	29:37.90 Marlee Valderhaug	63
13:01.41 Kathrine Casey	56	3:24.25 Margot Pettijohn	58	7:25.34 Jeannie Mitchell	58	50 M. BACKSTROKE	
13:14.26 Brenda Jarmakani	57	3:31.23 Meegan Wilson	56	7:36.78 Marji Thomas-Will	57	38.74 BETSY JORDAN	97
13:20.24 Constance Sasser	58	3:45.42 Stephanie Scott	57	7:40.71 Edith Jacobsen	57	42.87 Joy Ward	62
1500 M. FREESTYLE		3:47.21 Janit P Romayko	59			43.00 Jane Katz	61
19:24.70 BARBARA DUNBAR	04	3:49.82 Susan Ellis	57			43.88 Lynne Lund	64
19:24.70 Barbara Dunbar	55	3:49.96 Marie H Vellucci	55			44.78 Ann M Scott	60
22:50.15 Linda Shoenberger	57	3:52.99 Cynthia Dutro	56			46.67 Ida Hlavacek	62
23:23.87 Phyllis Springer	55	3:54.96 A Susan Tyler	56			46.88 Beth Schreiner	63
24:07.74 Kathrine Casey	56	3:56.13 Winifred Prall	57			47.35 Anne Botsford	61
25:11.87 Meegan Wilson	56	50 M. BUTTERFLY				47.52 Jennifer Parks	61
25:13.61 Brenda Jarmakani	57	33.66 ARDETH MUELLER	97			48.40 Jackie Marr	61
25:14.62 Mary Pohlmann	59	34.48 Barbara G Dunbar	55			49.33 Elaine Bromwich	62
25:36.52 Stephanie Scott	57	36.91 A Susan Tyler	56			100 M. BACKSTROKE	
25:41.93 Sarah Tyler	59	37.08 Janet Gettling	56			1:24.16 BETSY JORDAN	97
26:35.29 Patricia McGarvey	58	37.26 Ruth Y Shaps	57			1:35.65 Jane Katz	61
50 M. BACKSTROKE		37.93 Christie Altman	55			1:37.28 Lynne Lund	64
36.07 B BARNETT-SALLEE	01	39.24 Joanne Menard	56			1:40.97 Ann M Scott	60
39.28 Ruth Y Shaps	57	40.15 Carolyn F Boak	59			1:42.52 Jennifer Parks	61
40.20 Jeannie Mitchell	58	40.71 Sandi Rousseau	57			1:43.82 Ida Hlavacek	62
41.96 Janet Gettling	56	40.83 Meegan Wilson	56			1:48.19 Marilyn A Ramey	64
42.32 Mary M Pohlmann	59	41.23 Susan Yeomans	56			1:48.63 Elaine Bromwich	62
42.41 Christie Altman	55	100 M. BUTTERFLY				1:51.43 Helen Golan	64
42.72 Kathrine Casey	56	1:16.31 BARBARA DUNBAR	04			1:56.55 Amy Johnson	62
43.09 Chris Schroeder	55	1:16.31 Barbara G Dunbar	55			1:56.57 Nancy Kirkendall	61
44.28 Susan Tyler	56	1:26.45 Susan Tyler	56			200 M. BACKSTROKE	
44.37 Nancy Morris	55	1:29.09 Christie Altman	55			3:01.86 JACKIE MARR	03
44.70 Constance Sasser	58	1:31.19 Ginger Pierson	58			3:16.72 Joy Ward	62
100 M. BACKSTROKE		1:31.49 Margot Pettijohn	58			3:17.52 Jane Katz	61
1:19.20 B BARNETT-SALLEE	01	1:34.83 Susan Yeomans	56			3:18.75 Jackie Marr	61
1:26.33 Barbara Dunbar	55	1:39.18 Meegan Wilson	56			3:26.39 Lynne Lund	64
1:28.16 Meredith Moore	55	1:39.90 Kathy Slifer	59			3:43.65 Ida Hlavacek	62
1:29.42 Kathrine Casey	56	1:41.73 Janet Jastremski	56			3:48.75 Jennifer Parks	61
1:29.57 Mary M Pohlmann	59	1:42.64 Nancy Kranpitz	59			3:51.28 Elaine Bromwich	62
1:29.72 Jeannie Mitchell	58	200 M. BUTTERFLY				3:53.54 Millie Larsen	64
1:34.77 Constance Sasser	58	2:47.18 BARBARA DUNBAR	04			3:58.25 Marilyn Ramey	64
1:36.50 Ginger Pierson	58	2:47.18 Barbara Dunbar	55			4:04.55 Nancy Kirkendall	61
1:37.60 Sue Lecarreux	59	3:20.77 Ginger Pierson	58			50 M. BACKSTROKE	
1:40.40 Barbara Goltz	58	3:37.76 Barbara Larsen	57			41.35 JOANN LEILICH	00
1:47.97 Maggie Tevis	56	3:44.73 Mary M Pohlmann	59			41.68 Elaine Bromwich	62
200 M. BACKSTROKE		3:46.90 Marie Vellucci	55			46.36 Daniela Barnea	60
2:58.14 JACKIE MARR	00	3:48.61 Nancy Kranpitz	59			48.87 Jackie Marr	61
3:01.60 Barbara Dunbar	55	3:54.70 Jeannie Mitchell	58			49.92 Susan L Meyers	62
3:06.21 Meredith Moore	55	3:57.07 Marji Thomas-Will	57			51.23 Sandy Skarsaune	61
3:08.89 Ruth Y Shaps	57	4:03.47 Winifred Prall	57			52.41 Joy Ward	62
3:11.42 Mary M Pohlmann	59	4:05.66 Edith Jacobsen	57			52.43 Marilyn A Ramey	64
3:16.25 Marcia L Barry	56	100 M. INDIVIDUAL MEDLEY				53.49 Amy Johnson	62
3:20.23 Kathrine Casey	56	1:19.02 CAROLYN BOAK	01			54.48 Marlee Valderhaug	63
3:22.46 Jeannie Mitchell	58	1:24.86 Ruth Y Shaps	57			54.91 Jane Birkhead	64
3:26.64 Sue Lecarreux	59	1:26.36 Kathy Slifer	59			100 M. BREASTSTROKE	
3:28.48 Phyllis Springer	55	1:26.76 Janet Gettling	56			1:30.58 JOANN LEILICH	00

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1:34.30 Elaine Bromwich 62	8:07.55 Ida Hlavacek 62	40.11 BETSY JORDAN 03	51.71 Jean Larrabee 66
1:39.56 Daniela Barnea 60	8:25.54 Marilyn Ramey 64	42.36 Betsy Jordan 67	52.15 Shelly Whitlock 65
1:49.00 Sandy Skarsaune 61		47.87 Sally Newell 67	52.16 Patricia Bond 66
1:54.48 Lynne H Lund 64	WOMEN 65-69	48.70 Gynt Clifford 66	52.71 Dottie Banta 67
1:56.11 Marilyn A Ramey 64		50.29 Barbara Zaremski 67	52.77 Jean Sterling 68
1:56.69 Aagje A Caron 63	50 M. FREESTYLE	50.82 Patricia Tullman 67	100 M. BUTTERFLY
2:03.22 Marlee Valderhau 63	34.17 GAIL ROPER 96	52.44 Patricia Bond 66	1:33.10 GAIL ROPER 95
2:06.41 Christa Sherrod 62	36.15 Sally Bolar 65	52.47 Jane Oberg 67	1:37.78 Sally Bolar 65
2:08.96 Bobbie Braden 62	37.05 Jeanne Little 67	52.87 Barbara Bower 66	1:45.07 Betsy T Jordan 67
2:10.84 Grace C Dyck 63	38.79 Sally Newell 67	53.15 Laura Gogola 68	1:57.26 Patricia Tullman 67
200 M. BREASTSTROKE	38.87 Gynt Clifford 66	54.62 Elizabeth Krupka 67	1:59.36 Barbara Love 67
3:18.25 JOANN LEILICH 01	40.75 Barbara Zaremski 67	100 M. BACKSTROKE	2:01.31 Jean Larrabee 66
3:22.57 Elaine Bromwich 62	40.89 Patricia Tullman 67	1:26.96 BETSY JORDAN 02	2:09.02 Ingrid Stine 65
3:34.85 Daniela Barnea 60	41.13 Shelly Whitlock 65	1:32.53 Betsy Jordan 67	2:11.21 Jean Sterling 68
3:51.00 Sandy Skarsaune 61	41.82 Laura Walker 67	1:40.86 Sally Newell 67	2:12.14 Doris Prokopi 69
4:01.96 Kathleen B Sarg 61	41.99 Jean Larrabee 66	1:43.67 Margit Jebe 66	2:17.94 Martha Henderson 68
4:02.60 Lynne H Lund 64	42.52 Helen Geoffrion 65	1:50.06 Barbara Bower 66	2:21.54 Jeannine Olson 65
4:08.79 Aagje A Caron 63	100 M. FREESTYLE	1:51.55 Patricia Tullman 67	200 M. BUTTERFLY
4:10.16 Jane Katz 61	1:16.26 GAIL ROPER 96	1:51.87 Jane Oberg 67	3:32.93 JUNE KRAUSER 95
4:12.82 Marilyn Ramey 64	1:22.61 Donna Ryman 68	1:52.71 Jean Larrabee 66	3:48.28 Sally Bolar 65
4:21.92 Christa Sherrod 62	1:22.92 Sally Bolar 65	1:53.54 Gynt Clifford 66	3:53.46 Betsy Jordan 67
4:35.17 Grace C Dyck 63	1:23.24 Jeanne Little 67	2:00.00 Elizabeth Krupka 67	4:08.88 Susan Livingston 66
50 M. BUTTERFLY	1:30.11 Gynt Clifford 66	2:01.87 Sylvia Glenn 67	4:17.90 Barbara Love 67
36.27 JOY WARD 02	1:30.96 Patricia Tullman 67	200 M. BACKSTROKE	4:36.71 Ingrid Stine 65
36.72 Ardeth Mueller 63	1:31.05 Laura Walker 67	3:15.36 BETSY JORDAN 02	4:36.86 Barbara Zaremski 67
39.13 Joy Ward 62	1:31.71 Barbara Zaremski 67	3:18.68 Betsy Jordan 67	4:45.37 Jean Sterling 68
39.67 Lynne Lund 64	1:37.77 Barbara Bower 66	3:36.75 Sally Newell 67	4:45.77 Helen Geoffrion 65
40.88 Daniela Barnea 60	1:41.38 Ruth L Stavis 67	3:40.34 Patricia Bond 66	5:03.71 Jeannine Olson 65
42.63 Beth Schreiner 63	1:44.72 Laura Gogola 68	3:59.27 Barbara Bower 66	5:36.77 Marianne Brogan 69
42.75 Anne Botsford 61	200 M. FREESTYLE	4:01.32 Gynt Clifford 66	100 M. INDIVIDUAL MEDLEY
46.10 Betty L Dugan 63	2:54.15 GAIL ROPER 96	4:08.72 Patricia Tullman 67	1:28.95 GAIL ROPER 96
48.49 Ida Hlavacek 62	2:58.47 Sally Bolar 65	4:15.48 Sylvia Glenn 67	1:39.94 Sally Newell 67
51.54 Julie P Faith 61	3:18.21 Patricia Tullman 67	4:15.59 Patricia F Arnold 65	1:41.33 Betsy T Jordan 67
58.45 Vicki Catlin 60	3:19.30 Barb Zaremski 67	4:16.76 Ruth L Stavis 67	1:47.45 Gynt Clifford 66
100 M. BUTTERFLY	3:27.35 Gynt Clifford 66	4:18.96 Elizabeth Krupka 67	1:49.85 Patricia Bond 66
1:31.65 JACKIE MARR 03	3:28.16 Barbara Bower 66	50 M. BREASTSTROKE	1:50.58 Barbara Zaremski 67
1:34.29 Lynne Lund 64	3:40.11 Ruth L Stavis 67	43.16 JOANN LEILICH 04	1:52.53 Jean Sterling 68
1:34.37 Jackie Marr 61	3:47.75 Laura J Gogola 68	43.16 Joann Leilich 65	1:55.24 Helen Geoffrion 65
1:35.90 Daniela Barnea 60	3:48.39 Joan Averette 68	46.79 Sally Newell 67	1:55.96 Patricia Tullman 67
1:36.11 Joy Ward 62	3:49.30 Carol Reinke 68	47.37 Margit Jebe 66	1:57.47 Dot Myers 68
1:53.01 Ida Hlavacek 62	3:50.02 Sylvia Glenn 67	51.11 Shelly Whitlock 65	1:57.55 Dottie Banta 67
1:58.87 Marilyn Ramey 64	400 M. FREESTYLE	52.30 Helen Geoffrion 65	200 M. INDIVIDUAL MEDLEY
2:01.07 Amy Johnson 62	5:59.10 LAVELLE STOINOFF 02	53.06 Doris Prokopi 69	3:18.77 CLARA WALKER 91
200 M. BUTTERFLY	6:28.04 Sally Bolar 65	54.10 Donna Ryman 68	3:31.68 Betsy Jordan 67
3:13.71 ARDETH MUELLER 04	6:40.48 Betsy T Jordan 67	54.54 Jean Sterling 68	3:43.64 Susan Livingston 66
3:13.71 Ardeth Mueller 63	6:47.90 Susan Livingston 66	54.67 Alice Jones 66	3:45.59 Sally Newell 67
3:26.26 Jackie Marr 61	6:54.68 Susan Bradley-Cox 67	55.29 Carolyn Haefner 65	3:56.70 Barbara Love 67
3:31.45 Daniela Barnea 60	7:02.12 Patricia Tullman 67	100 M. BREASTSTROKE	4:03.26 Helen Geoffrion 65
3:37.99 Lynne Lund 64	7:12.36 Barbara Bower 66	1:32.37 JOANN LEILICH 04	4:11.32 Jean Sterling 68
4:13.82 Ida Hlavacek 62	7:35.74 Helen Geoffrion 65	1:32.37 Joann Leilich 65	4:18.75 Jeannine Olson 65
6:26.64 Helen Vetter 64	7:39.21 Sylvia Glenn 67	1:44.50 Margit Jebe 66	4:19.06 Ruth L Stavis 67
100 M. INDIVIDUAL MEDLEY	7:50.94 Ruth L Stavis 67	1:44.72 Sally Newell 67	4:32.80 Bev Linnahan 66
1:24.91 JACKIE MARR 03	7:52.14 Jean Sterling 68	1:57.27 Donna Ryman 68	4:34.72 Laura J Gogola 68
1:29.64 Jackie Marr 61	800 M. FREESTYLE	1:57.85 Doris Prokopi 69	400 M. INDIVIDUAL MEDLEY
1:34.96 Lynne Lund 64	12:20.68 LAVELLE STOINOFF 02	1:58.39 Helen Geoffrion 65	7:07.69 GAIL ROPER 96
1:35.19 Joy Ward 62	13:25.07 Betsy Jordan 67	1:59.18 Carolyn Haefner 65	7:27.33 Betsy Jordan 67
1:37.88 Beth Schreiner 63	13:32.50 Sally Bolar 65	1:59.56 Shelly Whitlock 65	7:54.08 Susan Livingston 66
1:38.92 Jane Katz 61	13:57.85 Susan Bradley-Cox 67	2:02.09 Carol Reinke 68	8:19.52 Barbara Zaremski 67
1:39.08 Daniela Barnea 60	14:36.38 Patricia Bond 66	2:02.79 Alice Jones 66	8:21.55 Jane Oberg 67
1:45.25 Ida Hlavacek 62	15:20.12 Helen Geoffrion 65	200 M. BREASTSTROKE	8:28.03 Helen Geoffrion 65
1:45.39 Sandy Skarsaune 61	15:59.14 Sylvia Glenn 67	3:17.44 JOANN LEILICH 04	8:54.96 Patricia F Arnold 65
1:46.09 Millie Larsen 64	16:04.30 Laura J Gogola 68	3:17.44 Joann Leilich 65	8:58.81 Jean Sterling 68
1:46.85 Marilyn A Ramey 64	16:17.47 Ingrid Stine 65	3:50.95 Sally Newell 67	9:27.91 Jeannine Olson 65
100 M. INDIVIDUAL MEDLEY	17:08.82 Patricia F Arnold 65	4:16.02 Carolyn Haefner 65	11:50.19 Chaya Amiad 66
3:03.22 JACKIE MARR 03	17:13.97 Tanako Hagiwara 66	4:17.64 Carol Reinke 68	
3:16.73 Jackie Marr 61	1500 M. FREESTYLE	4:20.54 Doris Prokopi 69	WOMEN 70-74
3:23.24 Lynne Lund 64	23:38.44 CLARA WALKER 92	4:26.21 Helen Geoffrion 65	50 M. FREESTYLE
3:25.90 Joy Ward 62	25:46.47 Betsy Jordan 67	4:37.66 Prudy Hall 66	35.37 GAIL ROPER 99
3:47.12 Ida Hlavacek 62	26:17.71 Susan Bradley-Cox 67	4:44.33 Sylvia Glenn 67	38.33 Ronnie Kamphausen 70
3:56.95 Marilyn Ramey 64	27:11.54 Barbara Zaremski 67	4:46.00 Margret Van Flein 69	40.45 Ann Kay 70
4:03.95 Jennifer Parks 61	29:19.66 Laura Gogola 68	4:46.68 Sandy Steer 65	41.65 Adrienne Pipes 70
4:05.62 Anne Long 62	29:39.06 Sylvia Glenn 67	50 M. BUTTERFLY	42.72 Lida Gaschke 72
4:16.99 Bobbie Braden 62	30:12.33 Helen Geoffrion 65	38.44 GAIL ROPER 95	43.67 Barbara Callison 71
400 M. INDIVIDUAL MEDLEY	30:44.64 Ingrid Stine 65	42.41 Sally Bolar 65	43.84 Nancy Waite 70
6:27.20 JACKIE MARR 03	32:26.80 Patricia F Arnold 65	43.53 Betsy Jordan 67	45.25 Gay Collins 74
6:57.77 Jackie Marr 61	32:40.81 Martha Henderson 68	44.28 Jeanne Little 67	46.39 Laurine Schuler 74
7:14.51 Lynne Lund 64	34:17.16 Joanne Moder 66	50.44 Patricia Tullman 67	47.88 Donna Monroe 71
7:28.44 Susan L Meyers 62	50 M. BACKSTROKE	50.98 Sally Newell 67	

2004 Short-Course Meters - Top-Ten Individuals

49.38 Joan Campbell 74	2:09.21 Joan Campbell 74	1:44.26 Ann Hirsch 73	8:53.18 Joan C McIntyre 76
• 100 M. FREESTYLE	2:11.11 Mary Jane Mullins 73	1:44.42 Ronnie Kamphausen 70	9:08.40 Nancy Reed 77
1:18.67 GAIL ROPER 99	• 200 M. BACKSTROKE	1:52.42 Lida Gaschke 72	• 800 M. FREESTYLE
1:28.78 Ronnie Kamphausen 70	3:27.79 DORIS STEADMAN 95	1:55.57 Barbara Callison 71	13:59.01 JEAN TROY 02
1:31.53 Ann Kay 70	3:45.79 Ann Kay 70	1:55.57 Sumie Anderson 71	15:24.03 Betty Russ 77
1:32.99 Adrienne Pipes 70	3:51.27 Ronnie Kamphausen 70	1:56.65 Lilly Kron 73	15:58.98 Carol Taylor 75
1:35.46 Lida Gaschke 72	4:37.64 Joan Campbell 74	2:01.75 Janet Moeller 70	17:17.97 Betty Mc Millan 75
1:36.70 Ann M Hirsch 73	4:46.40 Patricia Nielson 72	2:11.09 Gay Collins 74	18:17.80 Nancy L Reed 77
1:45.53 Nancy Waite 70	4:47.35 Gay Collins 74	2:11.12 Joan Waldbaum 73	19:04.86 Peggy Sanborn 77
1:46.44 Laurine Schuler 74	4:56.95 Janet Kavadas 73	• 200 M. INDIVIDUAL MEDLEY	20:33.75 Flora Wong 76
1:47.10 Donna Monroe 71	5:00.98 Bev Lesperance 72	3:30.92 GAIL ROPER 99	21:31.70 Ann J Martin 75
1:48.43 Joan Campbell 74	5:07.87 DJ Murray 74	3:48.34 Ronnie Kamphausen 70	23:05.13 Gloria M Stupfel 78
1:52.22 Gay Collins 74	5:35.50 Rosemarie Froeder 74	3:49.22 Ann Hirsch 73	• 1500 M. FREESTYLE
• 200 M. FREESTYLE	5:37.25 Janice Wolowicz 72	3:58.92 Ann Kay 70	27:02.62 GAIL ROPER 04
2:58.06 GAIL ROPER 00	• 50 M. BREASTSTROKE	4:06.02 Barbara Callison 71	27:02.62 Gail Roper 75
3:06.44 Ronnie Kamphausen 70	47.29 ANN HIRSCH 01	4:13.08 Lilly Kron 73	29:46.02 Betty Russ 77
3:14.55 Diane Stowell 70	49.59 Ann Hirsch 73	4:32.41 Janet Moeller 70	31:46.80 Edie Gruender 76
3:17.09 Adrienne Pipes 70	52.51 Lilly Kron 73	5:05.65 Jean M Duncan 72	35:46.65 Peggy Sanborn 77
3:30.10 Ann M Hirsch 73	55.10 Sumie Anderson 71	5:31.89 Janet Kavadas 73	37:02.69 Nancy Reed 77
3:32.81 Lida A Gaschke 72	55.14 Janet H Moeller 70	5:37.13 Mary Williams 73	42:37.52 Gloria M Stupfel 78
3:47.52 Donna Monroe 71	59.07 Irma Reimer 72	6:05.42 Madonna Buder 74	43:01.75 Bernice Phillips 77
3:50.03 Joan Campbell 74	1:00.81 Joan B Waldbaum 73	• 400 M. INDIVIDUAL MEDLEY	• 50 M. BACKSTROKE
3:52.73 Sumie Anderson 71	1:02.40 S Robbins-Bonitz 71	7:24.32 JUNE KRAUSER 96	44.76 DORIS STEADMAN 99
3:56.50 Jean M Duncan 72	1:03.89 Gail Gladwell 73	8:16.32 Ann M Hirsch 73	48.97 Nancy Kinney 75
3:58.34 Gay Collins 74	1:04.06 Nancy Waite 70	8:43.95 Lilly Kron 73	50.25 Barbara Jackson 75
• 400 M. FREESTYLE	1:05.91 Margaret Winnie 71	9:50.71 Janet H Moeller 70	56.58 Clara L Walker 78
6:27.21 GAIL ROPER 99	• 100 M. BREASTSTROKE	9:58.28 Joan Campbell 74	57.06 Asako Maningo 79
6:32.39 Ronnie Kamphausen 70	1:44.50 ANN HIRSCH 01	11:44.39 Mary F Williams 73	57.84 Bernice Phillips 77
6:41.64 Diane Stowell 70	1:44.73 Diane Stowell 70	12:30.14 Ruth Hertzberg 72	58.63 Stefanena Kysor 76
6:51.32 Adrienne Pipes 70	1:47.73 Ann M Hirsch 73		59.34 Nan Bohl 75
7:17.80 Lida A Gaschke 72	1:54.35 Lilly Kron 73	WOMEN 75-79	59.72 Georgia Goggin 75
7:19.55 Ann M Hirsch 73	2:01.29 Sumie Anderson 71	• 50 M. FREESTYLE	1:01.02 Betty Mc Millan 75
7:38.73 Donna Monroe 71	2:13.82 Joan Waldbaum 73	37.24 GAIL ROPER 04	1:01.21 Florence Carr 79
8:03.53 Joan Campbell 74	2:23.75 Joan Campbell 74	37.24 Gail Roper 75	• 100 M. BACKSTROKE
8:03.95 Jean M Duncan 72	2:36.64 Karen Bryce 71	39.84 Betty Russ 77	1:39.76 DORIS STEADMAN 00
8:23.78 Gay Collins 74	2:37.67 Madonna Buder 74	41.64 Nan Bohl 75	1:47.77 Barbara Jackson 75
8:31.45 Lilly Kron 73	2:39.90 Janet Kavadas 73	42.17 Clara L Walker 78	1:49.83 Nancy Kinney 75
• 800 M. FREESTYLE	2:45.53 Jane Smith 70	43.02 Florence Carr 75	2:01.24 Asako A Maningo 79
13:07.28 JUNE KRAUSER 96	• 200 M. BREASTSTROKE	43.98 Barbara Jackson 79	2:01.97 Clara L Walker 78
14:57.67 Ann M Hirsch 73	3:45.66 ANN HIRSCH 01	44.71 Nancy Kinney 75	2:05.84 Bernice Phillips 77
15:37.91 Donna Monroe 71	3:52.29 Ann M Hirsch 73	47.60 Georgia Goggin 75	2:06.46 Stefanena Kysor 76
16:05.89 Joan Campbell 74	4:02.74 Lilly Kron 73	47.87 Asako Maningo 79	2:10.81 Peggy Sanborn 77
16:17.09 Jean M Duncan 72	4:22.42 Sumie Anderson 71	49.02 Suzanne Graham 78	2:12.72 Barbara R Owens 75
16:58.00 Madonna Buder 74	4:36.45 Janet H Moeller 70	• 100 M. FREESTYLE	2:12.73 Joan C McIntyre 76
18:25.31 DJ Murray 74	4:51.98 Joan B Waldbaum 73	1:25.39 GAIL ROPER 04	2:13.81 Marianna M Hagan 76
19:54.14 Ruth Hertzberg 72	5:08.34 Joan Campbell 74	1:25.39 Gail Roper 75	• 200 M. BACKSTROKE
20:06.19 Barbara Robben 70	5:43.71 Jean M Duncan 72	1:33.69 Jean Troy 77	3:38.25 DORIS STEADMAN 99
22:34.23 V Engstrom-Heg 74	5:48.18 Jane Smith 70	1:34.57 Nan Bohl 75	3:51.89 Nancy Kinney 75
• 1500 M. FREESTYLE	• 50 M. BUTTERFLY	1:34.82 Betty Russ 77	3:58.36 Clara L Walker 78
24:57.85 JUNE KRAUSER 96	40.66 GAIL ROPER 99	1:36.00 Clara L Walker 78	4:27.81 Stefanena Kysor 76
29:58.41 Donna Monroe 71	47.39 Ann Kay 70	1:48.75 Suzanne Graham 78	4:31.78 Peggy Sanborn 77
30:01.09 Joan Campbell 74	49.28 Ronnie Kamphausen 70	1:49.39 Betty Mc Millan 75	4:40.37 Bernice Phillips 77
30:25.73 Jean M Duncan 72	49.82 Adrienne Pipes 70	1:50.13 Asako A Maningo 79	4:41.68 Joan C McIntyre 76
32:27.18 Janet Moeller 70	50.46 Barbara Callison 71	1:53.12 Florence Carr 79	4:52.07 Betty Mc Millan 75
35:11.61 DJ Murray 74	52.03 Ann Hirsch 73	1:54.10 Edna Gordon 78	4:52.47 Georgia Goggin 75
37:50.62 Barbara Robben 70	55.15 Sumie Anderson 71	• 200 M. FREESTYLE	5:01.20 Nancy Schoepperle 79
• 50 M. BACKSTROKE	55.41 Janet Moeller 70	3:09.71 GAIL ROPER 04	5:07.52 Flora Wong 76
42.58 DORIS STEADMAN 95	1:03.47 Mary Jane Mullins 73	3:09.71 Gail Roper 75	• 50 M. BREASTSTROKE
46.74 Ann Kay 70	1:03.66 Joan Waldbaum 73	3:21.38 Jean Troy 77	51.32 CAROL TAYLOR 04
48.91 Ronnie Kamphausen 70	1:06.20 Irma Reimer 72	3:31.08 Betty J Russ 77	51.32 Carol Taylor 75
51.47 S Robbins-Bonitz 71	• 100 M. BUTTERFLY	3:36.09 Clara L Walker 78	55.98 Nan Bohl 75
54.28 Lida Gaschke 72	1:37.56 GAIL ROPER 99	3:54.44 Carol Taylor 75	58.68 Nancy Kinney 75
55.38 Cynthia H Barton 74	1:52.75 Ronnie Kamphausen 70	3:55.70 Betty Mc Millan 75	59.99 Barbara R Owens 75
56.19 Sumie Anderson 71	1:54.68 Ann M Hirsch 73	3:56.68 Nancy Kinney 75	1:00.94 Suzanne Graham 78
59.31 Susan A Henley 72	2:12.40 Janet H Moeller 70	3:58.58 Suzanne Graham 78	1:04.02 Barbara Jackson 75
1:00.62 Irma Reimer 72	3:04.61 Ruth Hertzberg 72	4:06.01 Jeanne Meredith 76	1:05.94 Georgia Goggin 75
1:00.90 Mary Jane Mullins 73	3:10.32 Mary Williams 73	4:12.20 Florence Carr 79	1:10.55 Norma B Harlow 79
1:01.70 Patricia Nielson 72	3:22.51 Carol Ganzel 73	• 400 M. FREESTYLE	1:11.61 Florence Carr 79
• 100 M. BACKSTROKE	• 200 M. BUTTERFLY	6:44.09 JEAN TROY 02	1:12.36 Marjorie Crozier 79
1:35.66 DORIS STEADMAN 95	3:38.39 JUNE KRAUSER 96	6:54.68 Gail Roper 75	• 100 M. BREASTSTROKE
1:41.28 Ann Kay 70	4:25.92 Ann M Hirsch 73	7:04.73 Jean Troy 77	1:52.35 GAIL ROPER 04
1:48.93 Ronnie Kamphausen 70	5:13.07 Janet H Moeller 70	7:23.77 Betty Russ 77	1:52.35 Gail Roper 75
1:55.53 Ann M Hirsch 73	5:24.65 Joan Campbell 74	8:04.05 Carol Taylor 75	1:57.13 Carol Taylor 75
1:58.27 S Robbins-Bonitz 71	6:15.04 Jean M Duncan 72	8:08.58 Edie Gruender 76	2:04.55 Nan Bohl 75
2:00.96 Lida A Gaschke 72	6:36.97 Mary F Williams 73	• 100 M. INDIVIDUAL MEDLEY	2:13.96 Barbara R Owens 75
2:04.07 Lilly Kron 73	• 100 M. INDIVIDUAL MEDLEY	1:32.23 GAIL ROPER 00	2:18.08 Suzanne Graham 78
2:05.62 Laurine Schuler 74	1:44.26 Ann Kay 70	1:44.26 Ann Kay 70	2:24.28 Ruth W Aaron 75
2:05.75 Cynthia H Barton 74			2:25.65 Georgia Goggin 75

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2:27.74 June Krauser 78	14:07.40 Marian Wolle 76	2:04.50 Regan Kenner 81	2:02.67 Lois Kivi Nochman 80
2:27.79 Marianna M Hagan 76	14:57.12 Gloria M Stupfel 78	2:06.38 Lois Kivi Nochman 80	2:24.55 Jeanne D Merryman 81
2:33.76 Norma B Harlow 79		2:10.56 Sarah T Allnutt 81	2:27.91 June Reynolds 82
WOMEN 80-84			
• 200 M. BREASTSTROKE		2:11.98 Jeanne D Merryman 81	2:44.23 Grace Altus 80
4:03.79 GAIL ROPER 04		2:17.26 Diana M Silva 82	2:46.00 Maurine Kornfeld 83
4:03.79 Gail Roper 75	• 50 M. FREESTYLE	2:20.63 Maurine Kornfeld 83	2:58.57 Cornelia Johnson 81
4:14.09 Carol Taylor 75	41.34 MARGERY MEYER 02	2:29.24 Jae Howell 82	3:23.13 Mary P Wixted 82
4:31.36 Nan Bohl 75	49.89 Bunny Cederlund 83	2:33.22 Agnes E Zydinsky 82	3:23.34 Gertrude Box 83
4:48.37 Barbara R Owens 75	50.25 Lois Kivi Nochman 80	• 200 M. BACKSTROKE	4:21.47 Elfie Stevenin 83
4:51.21 Ruth W Aaron 75	52.13 Ruth Baar 82	4:14.53 MARGERY MEYER 03	• 200 M. INDIVIDUAL MEDLEY
4:53.99 Suzanne Graham 78	54.07 Maurine Kornfeld 83	4:09.07 Doris Steadman 80NV	4:30.06 LOIS KIVI NOCHMAN 04
5:08.17 Georgia Goggin 75	54.50 Grace Altus 80	4:26.52 Regan Kenner 81	4:30.06 Lois Nochman 80
5:11.43 June Krauser 78	55.78 Diana M Silva 82	4:30.66 Lois Kivi Nochman 80	4:54.33 Margery Meyer 82
5:25.29 Dixie C Germolus 77	56.26 June Reynolds 82	4:37.48 Bunny Cederlund 83	5:12.36 Jae Howell 82
5:45.16 Gladys Olsen 78	1:03.16 Elinor C Wright 80	4:46.53 Elinor Wright 80	5:28.79 June Reynolds 82
• 50 M. BUTTERFLY	1:03.21 Minna L Hamner 81	4:47.83 Jeanne D Merryman 81	7:02.18 Mary P Wixted 82
44.18 GAIL ROPER 04	1:03.40 Catherine Mc Call 83	4:55.04 Diana M Silva 82	9:29.32 Elfie Stevenin 83
44.18 Gail Roper 75	• 100 M. FREESTYLE	4:58.17 Maurine Kornfeld 83	• 400 M. INDIVIDUAL MEDLEY
52.78 Carol Taylor 75	1:34.45 MARGERY MEYER 02	5:26.32 Minna L Hamner 81	9:31.73 Lois Nochman 80
55.71 Jean Troy 77	1:50.54 Petey Smith 80	5:27.99 Grace Altus 80	11:20.23 Jae Howell 82
55.99 Betty Russ 77	1:53.01 Ruth Baar 82	• 50 M. BREASTSTROKE	11:29.78 June Reynolds 82
1:01.22 June Krauser 78	1:53.02 Lois Nochman 80	1:02.54 MURIEL FLYNN 03	18:56.32 Elfie Stevenin 83
1:04.06 Edie Gruender 76	1:54.53 Bunny Cederlund 83	1:05.03 Lois Kivi Nochman 80	
1:05.74 Florence Carr 79	1:55.94 Billie A Burrill 83	1:05.34 Margery Meyer 82	WOMEN 85-89
1:21.09 Gladys Olsen 78	1:58.26 Grace Altus 80	1:06.97 Regan Kenner 81	• 50 M. FREESTYLE
2:16.14 Gloria M Stupfel 78	2:05.92 Maurine Kornfeld 83	1:08.19 Jae Howell 82	49.92 RITA SIMONTON 03
• 100 M. BUTTERFLY	2:13.58 Agnes E Zydinsky 82	1:11.05 Sarah T Allnutt 81	56.02 Marjorie Sharpe 87
1:50.72 GAIL ROPER 04	2:18.00 Jae Howell 82	1:11.27 Minna L Hamner 81	57.31 Rita Simonton 86
1:50.72 Gail Roper 75	2:20.27 Sylvia Hill 83	1:22.53 Cornelia Johnson 81	1:00.64 Audrey Etienne 88
2:07.15 Carol Taylor 75	• 200 M. FREESTYLE	1:24.12 Mary Culhane 83	1:04.98 Anne Walker 88
2:11.56 Betty Russ 77	3:27.57 MARGERY MEYER 02	1:30.69 Gertrude Box 83	1:11.75 Edith S Glusac 86
2:11.67 Jean Troy 77	4:01.27 Lois Kivi Nochman 80	1:43.08 Cory Servaas 80	1:13.04 Mary Lathram 89
2:28.57 Edie Gruender 76	4:09.88 Petey Smith 80	• 100 M. BREASTSTROKE	1:13.30 Kay Schimpf 87
2:31.26 Marianna M Hagan 76	4:21.37 Billie A Burrill 83	2:19.11 RITA SIMONTON 98	1:14.10 Annie Szuis 85
2:54.51 Gladys Olsen 78	4:22.22 Maurine Kornfeld 83	2:20.12 Muriel Flynn 81	1:16.03 Pat Matthiesen 88
3:09.32 Margaret Wells 78	4:23.69 Bunny Cederlund 83	2:20.64 Lois Nochman 80	1:21.97 Roberta Sugden 87
4:17.26 Gloria M Stupfel 78	4:32.65 Grace Altus 80	2:25.15 Regan Kenner 81	• 100 M. FREESTYLE
• 200 M. BUTTERFLY	4:50.15 Marianna Berkley 82	2:28.62 Margery Meyer 82	1:49.64 RITA SIMONTON 03
4:08.39 LOIS KIVI NOCHMAN 99	5:01.80 Sylvia Hill 83	2:34.02 Jae Howell 82	1:54.85 Rita Simonton 86
4:33.31 Betty Russ 77	5:24.34 Catherine Mc Call 83	2:49.05 June Reynolds 82	2:24.57 Anne Walker 88
5:13.15 Edie Gruender 76	5:58.67 Marion Chadwick 83	2:51.97 Minna L Hamner 81	2:45.88 Annie Szuis 85
5:54.86 Gladys Olsen 78	• 400 M. FREESTYLE	3:00.14 Cornelia Johnson 81	2:47.57 Kay Schimpf 87
7:55.45 Marian Wolle 76	7:22.84 MARGERY MEYER 02	3:26.44 Gertrude Box 83	2:52.62 Mary Lathram 89
10:41.18 Gloria M Stupfel 78	8:38.38 Lois Kivi Nochman 80	3:43.80 Mary P Wixted 82	2:55.34 Edith Glusac 86
• 100 M. INDIVIDUAL MEDLEY	8:48.48 Patey Smith 80	• 200 M. BREASTSTROKE	2:59.53 Pat Matthiesen 88
1:38.11 GAIL ROPER 04	8:52.19 Bunny Cederlund 83	4:49.62 RITA SIMONTON 98	3:52.02 Regina Purvis 85
1:38.11 Gail Roper 75	8:52.23 Maurine Kornfeld 83	5:11.29 Muriel Flynn 81	• 200 M. FREESTYLE
1:50.69 Nancy Kinney 75	10:15.65 June Reynolds 82	5:14.77 Lois Kivi Nochman 80	3:57.48 RITA SIMONTON 03
1:52.18 Jean Troy 77	10:16.42 Sylvia Hill 83	5:21.00 Regan Kenner 81	4:10.13 Rita Simonton 86
1:55.27 Carol Taylor 75	11:09.48 Regan Kenner 81	5:30.21 Jae Howell 82	5:06.29 Audrey Etienne 88
2:06.62 June Krauser 78	12:51.46 Marion Chadwick 83	5:44.89 June Reynolds 82	5:13.96 Anne Walker 88
2:09.26 Barbara R Owens 75	• 800 M. FREESTYLE	6:25.13 Cornelia Johnson 81	5:36.33 Annie Szuis 85
2:09.31 Edie Gruender 76	15:49.21 RITA SIMONTON 98	7:16.69 Mary P Wixted 82	6:00.56 Edith Glusac 86
2:19.04 Florence Carr 79	16:03.95 Margery Meyer 82	• 50 M. BUTTERFLY	6:09.31 Mary Lathram 89
2:21.38 Marianna M Hagan 76	17:28.85 Lois Kivi Nochman 80	55.65 LOIS KIVI NOCHMAN 04	6:57.14 Roberta Sugden 87
2:21.75 Georgia Goggin 75	18:14.55 Maurine Kornfeld 83	55.65 Lois Nochman 80	7:54.61 Regina Purvis 85
• 200 M. INDIVIDUAL MEDLEY	21:37.54 June Reynolds 82	1:06.47 Diana M Silva 82	• 400 M. FREESTYLE
3:43.58 JUNE KRAUSER 01	26:28.66 Marion Chadwick 83	1:09.10 Margery Meyer 82	8:17.82 RITA SIMONTON 03
3:44.32 Gail Roper 75	• 1500 M. FREESTYLE	1:09.83 June Reynolds 82	8:37.39 Rita Simonton 86
4:10.35 Jean Troy 77	29:39.08 MARGERY MEYER 02	1:14.76 Sarah T Allnutt 81	11:48.22 Annie Szuis 85
4:45.02 Barbara R Owens 75	31:45.05 Lois Kivi Nochman 80	1:17.56 Grace Altus 80	• 800 M. FREESTYLE
4:46.47 June Krauser 78	37:06.27 Bunny Cederlund 83	1:28.87 Maurine Kornfeld 83	16:49.43 RITA SIMONTON 03
4:50.49 Ruth W Aaron 75	• 50 M. BACKSTROKE	2:09.25 Cory Servaas 80	17:20.31 Rita Simonton 86
4:50.49 Ruth W Aaron 75	50.03 MARGERY MEYER 02	2:35.99 Elfie Stevenin 83	• 1500 M. FREESTYLE
5:10.76 Dixie C Germolus 77	52.24 Doris Steadman 80	• 100 M. BUTTERFLY	31:44.50 RITA SIMONTON 03
5:43.47 Gladys Olsen 78	55.36 Bunny Cederlund 83	2:02.63 LOIS KIVI NOCHMAN 04	32:44.05 Rita Simonton 86
6:05.27 Margaret Wells 78	56.16 Sarah T Allnutt 81	2:02.63 Lois Nochman 80	• 50 M. BACKSTROKE
6:59.20 Marian Wolle 76	57.57 Regan Kenner 81	2:39.06 Diana M Silva 82	1:00.39 MARJORIE SHARPE 02
7:45.14 Gloria M Stupfel 78	58.09 Jeanne D Merryman 81	2:40.66 Jae Howell 82	1:04.23 Marjorie Sharpe 87
• 400 M. INDIVIDUAL MEDLEY	58.25 Lois Kivi Nochman 80	2:46.74 June Reynolds 82	1:11.02 Edith Glusac 86
7:52.71 JUNE KRAUSER 01	1:01.22 Diana M Silva 82	6:09.54 Elfie Stevenin 83	1:12.75 Audrey Etienne 88
8:58.33 Jean Troy 77	1:07.03 Mary Culhane 83	• 200 M. BUTTERFLY	1:13.78 Gertrud Zint 87
9:05.41 Nancy Kinney 75	1:07.12 Maurine Kornfeld 83	4:36.80 LOIS KIVI NOCHMAN 04	1:15.98 Anne I Walker 88
9:20.41 Betty J Russ 77	1:07.37 Patey Smith 80	4:36.80 Lois Nochman 80	1:18.67 Mary Lathram 89
9:46.93 Edie Gruender 76	• 100 M. BACKSTROKE	5:52.09 Jae Howell 82	1:27.98 Mary J Brown 86
10:00.87 June Krauser 78	1:55.79 MARGERY MEYER 02	6:15.52 June Reynolds 82	1:31.88 Pat Matthiesen 88
11:19.02 Marianna M Hagan 76	1:57.07 Doris Steadman 80	• 100 M. INDIVIDUAL MEDLEY	
11:42.38 Gladys Olsen 78	1:57.77 Bunny Cederlund 83	2:02.01 MARGERY MEYER 03	
12:58.80 Margaret Wells 78			

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2:04.41 Regina Purvis 85	NO SWIMMERS	2:11.51 Matthew R Smith 24	1:06.76 George Gamboa 22
▪ 100 M. BACKSTROKE	▪ 50 M. BACKSTROKE	2:13.15 Nick Sosnowski 24	1:08.99 John Allan 24
2:16.59 MARJORIE SHARPE 02	1:22.64 JEWEL COOKE 00	2:13.75 Jeffrey Strahota 24	1:11.59 Kyota Suzuki 24
2:37.39 Edith Glusac 86	1:44.56 Dorothy Riordan 92	▪ 400 M. FREESTYLE	1:13.78 Jamie H Zwick 24
2:38.88 Anne I Walker 88	1:45.75 Susan S Hanson 91	4:03.45 BRAD WINSOR 95	1:14.16 Daniel Tam 24
2:55.52 Mary Lathram 89	2:32.52 Hilda Buel 90	4:28.60 Adam L Truex 21	1:16.78 Eric Ducas 24
3:15.85 Mary J Brown 86	2:42.92 Elizabeth Dziadus 94	4:32.15 Brooks Masterson 24	1:18.20 Nathan Johnsen 24
3:22.86 Annie Szuis 85	▪ 100 M. BACKSTROKE	4:38.32 Ryan Golden 23	1:18.87 Paul Lindsay 24
4:14.20 Regina Purvis 85	3:05.96 JEWEL COOKE 99	4:51.49 Jeffrey Strahota 24	▪ 200 M. BREASTSTROKE
▪ 200 M. BACKSTROKE	3:41.36 Susan S Hanson 91	4:58.25 Garrett Glover 21	2:22.78 TODD RADEL 96
4:53.35 MARJORIE SHARPE 02	5:30.05 Hilda Buel 90	5:04.70 Chris Woolridge 22	2:37.97 Kyota Suzuki 24
5:36.77 Anne I Walker 88	▪ 200 M. BACKSTROKE	5:09.19 Ross D Cover 22	2:42.21 Ryan Van Der Kar 23
5:59.15 Edith Glusac 86	6:32.92 JEWEL COOKE 99	5:13.09 Jimmy R Wills 22	2:48.21 Daniel Tam 24
6:08.90 Mary Lathram 89	NO SWIMMERS	5:19.86 Mitchell Reinhart 23	2:59.33 Jimmy Wills 22
6:20.07 Gertrud Zint 87	▪ 50 M. BREASTSTROKE	5:39.26 Shawn A Wilson 22	3:00.45 Chris Woolridge 22
6:50.51 Kay Schimpf 87	1:38.63 MADELEINE MILLER 00	▪ 800 M. FREESTYLE	3:04.36 Clayton Joyner 20
▪ 50 M. BREASTSTROKE	2:24.11 Dorothy Riordan 92	8:35.83 BRAD WINSOR 95	3:06.26 Eric Ducas 24
1:09.77 MARTI GOGNIAT 95	2:30.41 Susan S Hanson 91	10:46.35 Enrique Ochoa 22	3:10.75 Howie Realubit 24
1:16.94 Edith Glusac 86	2:36.88 Hilda Buel 90	11:07.26 Mitchell Reinhart 23	3:11.76 Tom Reynolds 21
1:24.59 Gertrud Zint 87	▪ 100 M. BREASTSTROKE	11:21.79 Paul Lindsay 24	3:26.05 Dan J Melton 24
1:39.08 Kay Schimpf 87	4:06.89 JEWEL COOKE 99	12:54.82 Matthew Reum 24	▪ 50 M. BUTTERFLY
1:44.65 Annie Szuis 85	6:29.98 Hilda Buel 90	▪ 1500 M. FREESTYLE	25.16 PAUL BUREN 03
1:55.81 Pat Matthiesen 88	▪ 200 M. BREASTSTROKE	16:15.25 JEFF POPPELL 93	25.81 Paul J Buren 24
2:11.14 Regina Purvis 85	9:03.85 JEWEL COOKE 99	18:22.40 Adam L Truex 21	26.24 Jermaine Britton 23
▪ 100 M. BREASTSTROKE	14:53.20 Hilda Buel 90	19:40.95 Garrett Glover 21	26.39 Brendan Gallagher 24
2:38.48 MARTI GOGNIAT 95	▪ 50 M. BUTTERFLY	21:19.93 Mitchell Reinhart 23	26.81 Rusty Wood 24
3:00.72 Edith Glusac 86	1:35.56 MAXINE MERLINO 02	▪ 50 M. BACKSTROKE	26.95 Dan Babcock 24
3:20.47 Gertrud Zint 87	1:42.81 Maxine O Merlino 92	27.39 WILLIAM JEWELL 02	27.50 Brooks Masterson 24
▪ 200 M. BREASTSTROKE	4:00.74 Hilda Buel 90	28.80 Brendan Gallagher 24	27.73 Ryan Van Der Kar 23
5:59.36 MARTI GOGNIAT 97	▪ 100 M. BUTTERFLY	29.17 Eric A Mojock 24	27.75 George Gamboa 22
6:34.55 Rita Simonton 86	4:06.32 JEWEL COOKE 99	29.57 Matt Greenan 21	27.78 Tommie Cuticchia 21
7:28.81 Gertrud Zint 87	NO SWIMMERS	29.66 Nathan Johnsen 24	27.84 Daniel Andrepont 23
7:56.37 Kay Schimpf 87	▪ 100 M. INDIVIDUAL MEDLEY	30.29 Tommie Cuticchia 21	▪ 100 M. BUTTERFLY
▪ 50 M. BUTTERFLY	3:06.87 MAXINE MERLINO 04	30.55 Daniel J Drury 24	57.31 PAUL BUREN 03
1:07.35 JEAN DURSTON 99	3:06.87 Maxine O Merlino 92	30.60 Nick Sosnowski 24	1:02.22 Brooks Masterson 24
1:31.71 Edith Glusac 86	4:43.61 Dorothy Riordan 92	30.69 Manfred Slotnick 19	1:02.24 Rusty Wood 24
1:57.16 Gertrud Zint 87	▪ 200 M. INDIVIDUAL MEDLEY	30.72 Zebbron Lemke 24	1:02.46 Randall Graham 23
1:57.17 Pat Matthiesen 88	6:25.12 MAXINE MERLINO 03	30.92 Kyle Hayashi 19	1:02.62 Michael Callahan 24
▪ 100 M. BUTTERFLY	11:57.44 Hilda Buel 90	▪ 100 M. BACKSTROKE	1:03.02 Lucas Womack 23
2:36.50 JEAN DURSTON 99	▪ 400 M. INDIVIDUAL MEDLEY	58.98 OSIRIS BRISENO 98	1:03.73 Tommie Cuticchia 21
3:30.47 Edith Glusac 86	14:55.37 JEWEL COOKE 99	1:03.02 Nathan Johnsen 24	1:03.92 Jose Manuel Nieto 24
▪ 200 M. BUTTERFLY	NO SWIMMERS	1:03.31 Eric A Mojock 24	1:04.01 Ryan S Carpenter 22
5:42.80 JEAN DURSTON 99	NO SWIMMERS	1:05.47 Jeff Davis 24	1:04.12 Adam L Truex 21
NO SWIMMERS	MEN 19-24	1:06.48 Manfred Slotnick 19	1:04.22 Daniel Andrepont 23
▪ 100 M. INDIVIDUAL MEDLEY	▪ 50 M. FREESTYLE	1:06.73 Daniel J Drury 24	▪ 200 M. BUTTERFLY
2:12.85 JEWEL COOKE 95	22.84 JERROD KAPPLER 00	1:06.98 Andrew Bellows 24	2:07.64 JEFF POPPELL 93
2:59.31 Edith Glusac 86	24.09 Paul J Buren 24	1:07.09 Jeff Gall 23	2:38.89 Kyle Smith 24
3:10.81 Gertrud Zint 87	24.44 Jermaine Britton 23	1:07.58 Chris Tingley 22	2:46.80 Mitchell Reinhart 23
▪ 200 M. INDIVIDUAL MEDLEY	24.78 Brendan Gallagher 24	1:08.13 Tommie Cuticchia 21	2:47.70 Kevin Cleary 21
5:12.01 JEAN DURSTON 99	24.87 Rusty Wood 24	1:08.62 Kyle Hayashi 19	3:23.73 Daniel Liebowitz 20
5:26.90 Rita Simonton 86	25.00 Michael Callahan 24	▪ 200 M. BACKSTROKE	▪ 100 M. INDIVIDUAL MEDLEY
6:51.16 Edith Glusac 86	25.09 Dan Babcock 24	2:08.81 SERGEY MARINIUK 93	59.18 AARON BARTLESON 95
▪ 400 M. INDIVIDUAL MEDLEY	25.29 Sean Devanney 22	2:18.88 Brooks Masterson 24	59.33 Matthew Smith 23
10:55.73 JEAN DURSTON 99	25.31 John Allan 24	2:21.51 Daniel J Drury 24	1:01.56 George Gamboa 22
NO SWIMMERS	25.55 Jason Leaf 21	2:22.93 Nathan Truex 19	1:01.99 Paul Schned 24
WOMEN 90-94	25.71 Jeremy Butler 23	2:24.48 Kyle Hayashi 19	1:04.20 John Allan 24
▪ 50 M. FREESTYLE	▪ 100 M. FREESTYLE	2:29.13 Andrew Bellows 24	1:04.56 Daniel Andrepont 23
1:09.85 JEWEL COOKE 00	51.67 BEN CHRISTOFFEL 00	2:35.36 Kyle Smith 24	1:04.75 Dan Babcock 24
1:32.39 Dorothy Riordan 92	54.16 Jermaine Britton 23	2:37.64 Jeffrey Strahota 24	1:05.33 Ryan Van Der Kar 23
1:56.11 Hilda Buel 90	54.93 Brooks Masterson 24	2:39.33 Chris Woolridge 22	1:05.49 Zebbron Lemke 24
1:56.38 Agnes D Romayko 90	55.27 Matthew R Smith 24	2:41.29 Ross D Cover 22	1:05.90 Rusty Wood 24
2:52.26 Elizabeth Dziadus 94	55.42 Paul Schned 24	2:54.03 Manfred Slotnick 19	1:06.28 Karl Hoalst 24
▪ 100 M. FREESTYLE	55.92 Jeremy Butler 23	▪ 50 M. BREASTSTROKE	1:06.28 Tait Ecklund 23
2:35.08 JEWEL COOKE 00	55.94 Adam L Truex 21	29.76 AARON BARTLESON 95	▪ 200 M. INDIVIDUAL MEDLEY
5:12.26 Hilda Buel 90	56.53 Gareth Chapman 24	30.09 Ryan Spoon 23	2:08.88 SERGEY MARINIUK 93
▪ 200 M. FREESTYLE	56.74 Sean Devanney 22	30.90 George Gamboa 22	2:19.70 John Allan 24
5:34.59 MAXINE MERLINO 02	56.74 John Allan 24	31.16 John Allan 24	2:20.56 Ryan Van Der Kar 23
7:06.00 Susan S Hanson 91	56.80 Randall Graham 23	31.78 Paul A Schned 24	2:23.18 Adam L Truex 21
▪ 400 M. FREESTYLE	▪ 200 M. FREESTYLE	32.47 Eric Ducas 24	2:25.59 Nathan Johnsen 24
10:45.34 MAXINE MERLINO 02	1:54.23 BRAD WINSOR 95	33.16 Kyota Suzuki 24	2:26.05 Philip S Kao 19
NO SWIMMERS	2:04.77 Adam L Truex 21	35.09 Kyle Hayashi 19	2:27.02 Tait Ecklund 23
▪ 800 M. FREESTYLE	2:06.13 Kyle Hayashi 19	35.25 Zebbron Lemke 24	2:29.06 Ryan S Carpenter 22
22:18.84 MAXINE MERLINO 02	2:08.13 Gareth Chapman 24	35.28 Aaron Rycroft 24	2:29.14 Nathan Truex 19
NO SWIMMERS	2:09.56 Ryan Golden 23	36.08 Eric J Chang 23	2:29.99 Manfred Slotnick 19
▪ 1500 M. FREESTYLE	2:09.57 Daniel Andrepont 23	▪ 100 M. BREASTSTROKE	2:32.92 Tommie Cuticchia 21
44:27.18 MAXINE MERLINO 02	2:09.91 Marc Smith 24	1:05.45 LUCIANO GALINDO 02	▪ 400 M. INDIVIDUAL MEDLEY
	2:10.47 Karl Hoalst 24	1:02.90 Matthew Smith 23NV	4:28.54 SERGEY MARINIUK 93
		1:05.81 Ryan Spoon 23	5:05.83 Zebbron Lemke 24

2004 Short-Course Meters - Top-Ten Individuals

5:32.15 Tommie Cuticchia 21	20:12.44 Thomas Patterson 27	27.15 Chris McKee 25	24.93 Dan Wegner 33
6:09.39 Jimmy Wills 22	• 50 M. BACKSTROKE	27.92 Andy Nonaka 25	25.03 Paul Marceau 30
6:36.82 Howie Realubit 24	26.00 MICHAEL KANNER 95	28.32 Joe Thor Leonard 27	25.05 Dickie Fernandez 33
7:03.55 Tom Reynolds 21	26.70 Greg Plank 26	28.35 Trentin Krauss 27	25.12 Peter Moore 32
	28.04 Scott Ayer 28	28.38 Vance Chandler 27	• 100 M. FREESTYLE
MEN 25-29	29.05 Tad J Kremen 28	28.40 Aaron J Thomas 28	50.71 MICHAEL PICOTTE 03
	29.37 Rick V Cardoso 25	28.47 Shawn Jeffery 25	53.01 Timothy L Boyd 34
• 50 M. FREESTYLE	29.52 Ryan Wynn 26	• 100 M. BUTTERFLY	53.33 Robert Mackenzie 30
22.48 PEEL/WAGNER 96	29.55 Chris Sheppard 26	54.83 JASON EADDY 02	54.43 Dickie Fernandez 33
23.89 Troy D Johnson 29	30.03 Andy Nonaka 25	58.25 Frank Byskov 29	54.43 Jeff Commings 30
24.14 Ben Christoffel 28	30.24 Derek Tharaldson 28	59.05 Scott Ayer 28	54.88 Dan Wegner 33
24.50 Rick V Cardoso 25	30.81 Michael Capasso 28	1:01.28 Dave M Searles 27	55.01 Curtis Taylor 33
24.53 Greg Plank 26	30.97 Aaron J Thomas 28	1:02.45 Louis DeLeon 28	55.15 Victor Egh 34
24.73 Courtney Dunlap 26	• 100 M. BACKSTROKE	1:02.62 D Dello Stritto 29	55.41 Brian Fehlau 30
24.77 Brad Durbin 26	55.76 JOHN KEPPELER 95	1:02.70 Andy M Brown 26	55.97 Jonathan Banville 34
25.10 Brian Lawson 28	57.85 Greg Plank 26	1:03.32 Mark O'Malley 28	55.98 Peter Moore 32
25.22 Andy Nonaka 25	59.17 Scott Ayer 28	1:03.47 Roger Fox 25	• 200 M. FREESTYLE
25.25 Keith Adams 28	1:00.92 Troy D Johnson 29	1:03.85 Keith Fuhrhop 27	1:52.04 JOHN KEPPELER 99
25.27 Andy M Brown 26	1:01.42 Michael Kiedel 29	1:04.12 Chris Sheppard 26	1:57.29 Bernie Zeruhn 33
• 100 M. FREESTYLE	1:02.63 Chris Sheppard 26	• 200 M. BUTTERFLY	2:02.29 Dickie Fernandez 33
49.91 BJORN ZIKARSKY 95	1:03.50 Rick V Cardoso 25	2:03.59 SHAWN EADDY 02	2:02.96 Robert Mackenzie 30
52.68 Michael Kiedel 29	1:03.69 Ryan Wynn 26	2:20.95 Shawn Jeffery 25	2:03.56 Troy Griffith 33
52.73 Troy D Johnson 29	1:04.72 Keith Fuhrhop 27	2:21.72 Louis DeLeon 28	2:04.35 Scott Dick 33
53.14 Greg Plank 26	1:06.83 Nathan P Went 27	2:32.70 Trentin Krauss 27	2:04.84 Dan Wegner 33
54.78 Courtney Dunlap 26	1:07.01 Adam Dawkins 29	2:37.11 James S Crowder 28	2:05.03 Erik Scollon 33
54.79 Brian Lawson 28	• 200 M. BACKSTROKE	2:38.09 Monish Dhalwani 28	2:07.10 Patrick M Krueger 34
54.97 Michael Melley 29	2:02.63 JOHN KEPPELER 95	2:39.63 Thomas Patterson 27	2:07.74 Jon Wilkinson 33
55.23 Ryan Wynn 26	2:10.34 Greg Plank 26	2:39.81 Justin Doty 25	2:08.31 Nico P Ghilardi 34
55.47 Ben Christoffel 28	2:10.78 Scott Ayer 28	2:41.23 Ben Hammond 29	• 400 M. FREESTYLE
55.62 Tyler Magarity 26	2:12.73 Chris Sheppard 26	2:44.19 Clint Carpenter 29	3:58.40 ALEX KOSTICH 00
55.90 Brad Durbin 26	2:14.91 Ryan Wynn 26	2:47.73 Timothy Thompson 25	4:15.53 Scott Reed 34
• 200 M. FREESTYLE	2:17.46 Keith Fuhrhop 27	• 100 M. INDIVIDUAL MEDLEY	4:25.60 Dickie Fernandez 33
1:48.81 JOHN KEPPELER 95	2:23.25 Andy M Brown 26	56.65 JEFF COMMINGS 03	4:27.74 Scott Dick 33
1:56.78 Michael Kiedel 29	2:24.42 Andy J Nonaka 25	59.32 Scott Ayer 28	4:29.89 Jon Wilkinson 33
1:57.58 Michael Melley 29	2:26.74 Jonathan Lane 25	1:01.35 Michael Kiedel 29	4:31.57 Thayer Thompson 30
1:57.66 Greg Plank 26	2:28.39 James S Crowder 28	1:01.54 Andy Nonaka 25	4:32.06 Erik Scollon 33
1:59.44 Frank Byskov 29	2:28.87 Louis DeLeon 28	1:03.17 Stephen P Joe 29	4:32.83 Brian Miller 32
2:00.64 Ryan Wynn 26	• 50 M. BREASTSTROKE	1:03.17 Rick V Cardoso 25	4:33.28 Todd Menzel 32
2:00.95 Andy J Nonaka 25	28.60 JEFF COMMINGS 03	1:03.68 Ben Christoffel 28	4:37.75 Kirk Nelson 34
2:01.99 Craig Pickering 26	31.00 Ben Christoffel 28	1:03.99 Chris McKee 25	4:44.80 Jens Beck 34
2:02.16 Chris Sheppard 26	31.12 Scott Ayer 28	1:05.25 Erik Hebert 29	• 800 M. FREESTYLE
2:03.11 Andy M Brown 26	31.34 Andy Nonaka 25	1:05.36 Tyler Magarity 26	8:17.06 ALEX KOSTICH 00
2:03.45 Adam Dawkins 29	31.71 Nicholas Mahler 27	1:05.68 Dave M Searles 27	9:12.21 Jeffrey B Halbert 30
• 400 M. FREESTYLE	31.99 Erik Hebert 29	• 200 M. INDIVIDUAL MEDLEY	9:25.53 Todd Menzel 32
3:58.23 ALEX KOSTICH 97	32.64 Joe Thor Leonard 27	2:05.93 JOHN KEPPELER 95	9:29.39 Erik Scollon 33
4:08.22 Michael Kiedel 29	33.12 Derek Tharaldson 28	2:11.41 Scott Ayer 28	10:02.20 Jonathan Banville 34
4:14.85 Michael Melley 29	33.47 Jon W Armstrong 29	2:12.26 Frank Byskov 29	10:05.22 Todd Chappell 32
4:15.56 Adam Dawkins 29	33.93 Mark O'Malley 28	2:12.89 Michael Kiedel 29	10:08.23 Brian Kremers 31
4:17.94 Frank Byskov 29	34.20 Rodney Hameroff 25	2:13.01 Stephen P Joe 29	10:15.58 Bruce W Husman 33
4:19.77 Andy J Nonaka 25	• 100 M. BREASTSTROKE	2:15.32 Andy J Nonaka 25	10:15.59 Kennedy Price 32
4:21.18 Craig Pickering 26	1:02.83 JEFF COMMINGS 03	2:19.39 Craig Pickering 26	10:18.16 Michael Kolarov 32
4:21.35 Chris Sheppard 26	1:06.34 Stephen P Joe 26	2:20.87 Michael Melley 29	10:27.21 Mark E Mattson 34
4:29.35 Scott Ayer 28	1:08.28 Tyler Magarity 26	2:24.44 David Denrich 25	• 1500 M. FREESTYLE
4:32.87 Richard Elder 29	1:09.46 Ben Christoffel 28	2:25.51 Trentin Krauss 27	15:51.07 ALEX KOSTICH 00
4:33.64 Andy M Brown 26	1:09.52 Nicholas Mahler 27	2:25.61 Louis de Leon 28	17:51.70 Todd Menzel 32
• 800 M. FREESTYLE	1:10.89 Erik Hebert 29	• 400 M. INDIVIDUAL MEDLEY	18:20.74 Erik Scollon 33
8:14.75 ALEX KOSTICH 97	1:12.20 David P Penland 26	4:26.79 JOHN KEPPELER 95	19:07.30 Jonathan Banville 34
8:59.46 Andy J Nonaka 25	1:13.83 Rolando Ochoa 28	4:44.50 Michael Melley 29	19:20.93 Todd Walsh 34
9:17.73 Scott Ayer 28	1:15.14 Chad Cron 29	4:47.32 Stephen P Joe 29	20:08.61 C J Rushman 33
9:34.76 Richard Elder 29	1:15.17 Brad Cota 29	4:47.41 Scott Ayer 28	20:09.57 Tim Zimmer 34
9:37.36 Sean M Carter 29	1:16.42 Steve Brenner 29	4:53.26 Andy J Nonaka 25	20:14.72 Scott Johnston 30
10:21.50 Chris Connor 29	• 200 M. BREASTSTROKE	4:55.55 Chris Sheppard 26	20:35.43 Magid Ahmadi 32
10:34.41 Thomas Patterson 27	2:20.30 AUDY OKTAVIAN 03	5:08.91 Pieter De Hart 26	20:46.99 Alonso Ortiz 30
10:41.63 Hashim Al-Mashat 29	2:23.21 Stephen P Joe 29	5:11.99 Louis de Leon 28	20:49.40 Chris Zacharda 33
10:43.23 Nick Johansen 25	2:33.53 Andy J Nonaka 25	5:15.21 Trentin Krauss 27	• 50 M. BACKSTROKE
10:55.61 Roger Fox 25	2:33.70 Tyler Magarity 26	5:32.28 Michael Ferris 27	25.54 MARTIN ZUBERO 01
11:02.67 Michael Graham 26	2:37.05 Nicholas Mahler 27	5:33.11 Erik Hebert 29	28.05 Peter Moore 32
• 1500 M. FREESTYLE	2:37.66 David P Penland 26	MEN 30-34	29.33 Scott Reed 34
15:41.81 ALEX KOSTICH 97	2:42.68 Erik Hebert 29	• 50 M. FREESTYLE	29.46 Gian J Scozzaro 30
17:08.55 Andy J Nonaka 25	2:49.66 Louis DeLeon 28	22.76 ED WAGNER 02	29.49 James Smith 34
17:41.48 Scott Ayer 28	2:54.13 Chris Connor 29	23.98 Robert Mackenzie 30	30.06 Dan Wegner 33
18:23.75 Jason Lovell 27	2:54.19 Son Nguyen 25	24.32 Timothy L Boyd 34	30.08 Clif Buckles 31
18:38.57 Richard Elder 29	2:54.81 James S Crowder 28	24.32 Brian P Fehlau 30	30.49 Todd Doherty 33
18:47.70 Trentin Krauss 27	• 50 M. BUTTERFLY	24.56 Jeff Commings 30	30.69 Erik Scollon 33
19:02.69 Pieter De Hart 26	25.01 JASON EADDY 02	24.70 Christopher Roat 30	30.97 Patrick M Krueger 34
19:22.49 Chris Connor 29	26.12 Troy D Johnson 29	24.92 Curtis Taylor 33	31.12 Curtis Taylor 33
19:53.50 D Dello Stritto 29	26.90 Scott Ayer 28		• 100 M. BACKSTROKE
20:03.35 Jonathan Friedman 25	26.94 Ben Christoffel 28		55.19 MARTIN ZUBERO 03

2004 Short-Course Meters - Top-Ten Individuals

1:01.20 Marcel Rinzler	33	1:02.06 Barry Flightner	31	55.49 Steve Hiltabiddle	38	2:24.60 Jeffrey H Roddin	35
1:01.26 Peter Moore	32	1:02.22 Brent Newcomb	34	200 M. FREESTYLE		2:25.33 Stephen Mugford	37
1:01.31 Scott Reed	34	1:02.52 Patrick M Krueger	34	1:51.31 ERIK HOCHSTEIN	03	2:25.96 Kurt Murdoch	38
1:02.58 Brian Fehlau	30	1:02.61 Scott Dick	33	1:51.54 Michael Ross	36	2:33.26 Jim E Robertson	35
1:03.68 Erik Scollon	33	200 M. BUTTERFLY		1:57.85 Ross C Davis	38	2:33.86 Janathan Briggs	38
1:04.65 Gian J Scozzaro	30	2:04.59 MIKE SHAFFER	95	1:58.72 Mark Magee	36	2:34.42 Michael Mahoney	35
1:05.06 Steve Bargwell	34	2:20.99 Erik Scollon	33	1:58.82 Mike Shaffer	39	2:34.64 Robert Gannon	39
1:05.44 Barry Flightner	31	2:24.06 Brent Newcomb	34	1:58.96 Jeff Prior	37	200 M. BREASTSTROKE	
1:05.53 Todd Doherty	33	2:24.94 Jens Beck	34	2:00.94 Kevin Headley	35	28.75 RON KARNAUGH	02
1:05.64 Patrick M Krueger	34	2:25.44 Patrick M Krueger	34	2:02.10 Matthew R Gilson	37	31.38 Arthur Boyko	38
200 M. BACKSTROKE		2:26.71 Scott Dick	33	2:03.42 Chris Chalmers	37	32.19 Neill Williams	36
2:00.43 MARTIN ZUBERO	01	2:40.45 Onesimo de Mira	31	2:03.44 Randy Eickhoff	39	32.89 Jack Mackenroth	35
2:12.92 Marcel Rinzler	33	2:41.31 John Zayac	30	2:03.81 Kurt Dickson	37	32.92 Peter G Koback	36
2:13.91 Scott Reed	34	2:42.78 Mason Ham	34	400 M. FREESTYLE		32.95 Rafael Delasierra	36
2:20.71 Brian P Fehlau	30	2:50.26 T J Foley	34	3:57.77 ERIK HOCHSTEIN	03	33.18 Kevin Esko	38
2:23.53 James Fox	33	2:57.22 Patrick Wen	32	4:09.28 Mike Shaffer	39	33.27 Igor Ordinartsev	37
2:23.69 J Todd Radel	32	100 M. INDIVIDUAL MEDLEY		4:13.69 Mark Magee	36	33.75 Bowen Johnson	38
2:25.18 Patrick M Krueger	34	56.66 MARTIN ZUBERO	03	4:18.72 Ross C Davis	38	33.80 Darren Mc Carthy	38
2:26.23 Brian Kremers	31	57.68 Jeff Commings	30	4:19.82 Randy Eickhoff	39	33.81 Kelly Chadick	35
2:28.23 Alan O' Connor	31	1:00.73 Brian P Fehlau	30	4:20.38 Kurt Dickson	37	100 M. BREASTSTROKE	
2:34.43 Scott Dick	33	1:02.21 Marcel Rinzler	33	4:26.59 Troy Drawz	36	1:02.57 RON KARNAUGH	02
2:38.07 Jason N Pettit	30	1:03.50 Erik Scollon	33	4:30.38 Michael Sorensen	36	1:09.40 Abraham Solano	35
50 M. BREASTSTROKE		1:04.61 Alan O' Connor	31	4:31.13 Matthew R Gilson	37	1:10.72 Arthur Boyko	38
29.21 DEAN PUTTERMAN	96	1:04.72 Peter Moore	32	4:34.30 Amon Emeka	36	1:11.87 Amon Emeka	36
28.91 Jeff Commings	30NV	1:04.76 Chris Roy	34	4:34.78 Timothy Nelson	39	1:11.87 Neill Williams	36
29.77 Nikola Savcic	30	1:04.76 Scott Reed	34	800 M. FREESTYLE		1:12.73 Dale Mercker	37
29.92 Jonathan Banville	34	1:04.99 Jared Walkenhorst	30	8:23.06 ERIK HOCHSTEIN	03	1:13.58 Rick Hamilton	37
30.59 Juan Beltran	30	1:05.74 Scott Dick	33	8:37.82 Mike Shaffer	39	1:13.92 Michael Winkelman	35
31.65 J Todd Radel	32	200 M. INDIVIDUAL MEDLEY		9:11.30 Kurt Dickson	37	1:14.69 Peter C Finney	37
31.81 Daniel R Workman	32	2:06.32 ROQUE SANTOS	99	9:23.86 Dale Mercker	37	1:14.95 Jon Grey	39
32.15 Michael Goodison	32	2:17.59 Brian P Fehlau	30	9:40.34 Timothy Nelson	39	1:15.21 Chris Gaarder	39
32.26 Victor Egg	34	2:18.05 Erik Scollon	33	9:40.67 Simon Millar	38	200 M. BREASTSTROKE	
32.53 Chris Roy	34	2:18.33 Dan Wegner	33	9:41.05 Rick Van Dyke	39	2:17.96 RON KARNAUGH	02
32.55 Todd Doherty	33	2:19.20 Jonathan Banville	34	9:48.98 Patrick Bridges	38	2:31.69 Abraham Solano	35
100 M. BREASTSTROKE		2:21.68 Barry Flightner	31	9:50.20 Eric Bohm	38	2:36.68 Arthur Boyko	38
1:03.64 ROQUE SANTOS	99	2:22.54 Patrick M Krueger	34	9:53.15 Kenton R Jones	37	2:37.52 Neill Williams	36
1:05.90 Jonathan Banville	34	2:23.50 William Cann	31	10:03.99 Janathan Briggs	38	2:39.16 Mark Stori	39
1:07.76 Jared Walkenhorst	30	2:23.84 Jared Walkenhorst	30	1500 M. FREESTYLE		2:41.32 Jon Grey	39
1:08.17 Juan Beltran	30	2:23.93 Ryan Warren	30	15:58.20 BOBBY PATTEN	99	2:46.62 Bowen Johnson	38
1:10.47 Brian P Fehlau	30	2:23.94 Chris Roy	34	16:37.67 Mike Shaffer	39	2:48.72 Peter C Finney	37
1:10.61 Chris Roy	34	400 M. INDIVIDUAL MEDLEY		17:47.42 Dale Mercker	37	2:50.79 Chris Gaarder	39
1:10.85 Daniel R Workman	32	4:26.74 ROQUE SANTOS	99	18:10.41 Rick Van Dyke	39	2:51.34 Robert Gannon	39
1:11.73 Robert Mackenzie	30	4:53.41 Erik Scollon	33	18:48.28 John Williams	36	2:56.95 Shinji Takeuchi	39
1:12.21 Victor Egg	34	5:05.16 Jeffrey B Halbert	30	18:51.32 Kurt Oeler	38	50 M. BUTTERFLY	
1:12.28 Jun Maruta	34	5:08.84 Scott Dick	33	18:59.61 Patrick D Bridges	38	25.29 MICHAEL ROSS	04
1:12.40 Michael Goodison	32	5:12.99 David M Bresser	32	19:00.20 Chris McGiffin	38	25.29 Michael Ross	36
200 M. BREASTSTROKE		5:13.50 Juan Beltran	30	19:44.51 Jack Mackenroth	35	25.75 Steve Hiltabiddle	38
2:17.56 ROQUE SANTOS	99	5:14.73 Jens Beck	34	20:01.18 Arthur J Wells	39	26.22 Amon Emeka	36
2:22.03 Jonathan Banville	34	5:15.72 Nico P Ghilardi	34	20:07.16 Bill Koenen	39	26.55 Ross Davis	38
2:31.89 Jared Walkenhorst	30	5:19.33 M Hollingsworth	33	50 M. BACKSTROKE		26.59 Derek Robinson	35
2:34.46 Chris Roy	34	5:25.10 Jun Maruta	34	25.86 MICHAEL ROSS	04	26.86 Jeff Prior	37
2:35.61 Juan Beltran	30	5:31.85 John Martinez	32	25.86 Michael Ross	36	26.94 Neill Williams	36
2:38.95 Jun Maruta	34			27.14 Derek Robinson	35	27.60 Mark E Corbisiero	35
2:40.73 Erik Scollon	33			29.23 Brent Lang	36	27.86 Greg Cooper	37
2:41.78 Michael Goodison	32			29.58 Rick Hamilton	37	27.87 Robert Gannon	39
2:45.25 Walter Baechtiger	31			29.96 Ross D Davis	38	100 M. BUTTERFLY	
2:45.72 Todd Menzel	32			30.06 Kurt Murdoch	38	55.85 JIM HARVEY	01
2:46.47 Scott Dick	33			30.24 Amon Emeka	36	56.32 Michael Ross	36
50 M. BUTTERFLY				30.28 Stephen Smith	38	57.76 Ross Davis	38
24.64 BRIAN ALDERMAN	99			30.39 Kurt Dickson	37	58.40 Jeff Prior	37
26.21 Bernie Zeruhn	33			30.46 Neill Williams	36	58.47 Amon Emeka	36
26.70 Dikan Rendic	33			100 M. BACKSTROKE		58.75 Mike Shaffer	39
26.89 Marcel Rinzler	33			55.95 MICHAEL ROSS	04	58.82 Steve Hiltabiddle	38
26.99 Peter Moore	32			55.95 Michael Ross	36	59.44 Derek Robinson	35
27.08 Brian P Fehlau	30			1:00.43 Derek Robinson	35	1:00.12 Mark Magee	36
27.12 Laird Adamson	32			1:01.81 Ross Davis	38	1:01.09 John O'Keefe	37
27.23 Erik Scollon	33			1:02.69 Mike Shaffer	39	1:01.16 Chris Chalmers	37
27.43 Gian J Scozzaro	30			1:03.19 Rick Hamilton	37	200 M. BUTTERFLY	
27.55 Juan C Ortiz	31			1:03.52 Emad H Elshafei	38	2:04.50 BOBBY PATTEN	99
27.58 Jon Bishop	33			1:03.64 Mark Magee	36	2:08.91 Mike Shaffer	39
100 M. BUTTERFLY				1:03.80 Kurt Dickson	37	2:12.17 Mark Magee	36
54.85 BRIAN ALDERMAN	99			1:05.80 Kurt Murdoch	38	2:13.93 Ross C Davis	38
59.96 Marcel Rinzler	33			1:07.60 Neill Williams	36	2:15.07 Jeff Prior	37
1:00.68 Erik Scollon	33			200 M. BACKSTROKE		2:22.40 Kurt Dickson	37
1:00.78 Brian P Fehlau	30			2:00.34 RON KARNAUGH	02	2:24.68 Guy Genin	36
1:00.98 Peter Moore	32			2:13.92 Kurt Dickson	37	2:24.80 Bruce Hopson	38
1:01.47 Laird Adamson	32			2:15.82 Rick Hamilton	37	2:25.04 Steve Hiltabiddle	38
1:01.70 Mark S Goldman	33			2:16.47 Mike Shaffer	39	2:25.19 Randy Eickhoff	39

2004 Short-Course Meters - Top-Ten Individuals

2:28.82 Brendon Y Wen 35	4:13.84 Geoff Glaser 40	33.02 Jon Blank 44	2:15.01 Anders Rasmussen 41
• 100 M. INDIVIDUAL MEDLEY	4:18.59 Gerry Rodrigues 42	33.53 Algernon Keith 44	2:23.22 Glenn H Battle 43
56.94 RON KARNAUGH 03	4:23.55 Michael Schmidt 42	33.55 Ken Ericsson 44	2:24.74 Hector Chao 40
1:00.35 Amon Emeka 36	4:24.27 Lyle Nalli 44	33.67 Jim Duvall 41	2:26.55 Kurt Baron 40
1:01.94 Jeff Prior 37	4:27.74 Bobby Patten 42	• 100 M. BREASTSTROKE	2:26.69 Gerry Leutner 40
1:02.55 Derek Robinson 35	4:35.87 Robert Holmes 42	1:05.79 PLAMEN ALEXANDROV 02	2:26.74 Edmund J Gendreau 42
1:02.78 Mark E Corbisiero 35	4:38.93 Kurt Baron 40	1:06.76 Chris Weissman 42	2:27.58 Matt Dixon 42
1:03.27 Neill Williams 36	4:39.10 Greg Werlinich 40	1:09.10 Brian W Casey 41	2:28.79 Jay T Kress 41
1:03.71 Ross D Davis 38	4:39.59 Steve Wood 44	1:10.58 Richard Mercer 41	2:30.37 James Anderson 42
1:03.87 Mark Stori 39	4:41.12 Frank C Wuest 44	1:11.13 Richard E Landry 40	2:31.68 Dave Evans 43
1:03.96 Mike Shaffer 39	• 800 M. FREESTYLE	1:12.04 Jon Blank 44	• 400 M. INDIVIDUAL MEDLEY
1:04.02 Stephen Smith 38	8:46.71 DENNIS BAKER 04	1:12.47 James N Fregosi 44	4:43.28 HESS YNTEMA 95
1:04.86 David N Padgett 35	8:46.71 Dennis Baker 43	1:12.97 Kurt Baron 40	4:57.34 Brian W Casey 41
• 200 M. INDIVIDUAL MEDLEY	8:58.38 Geoff Glaser 40	1:13.26 Michael McAweeney 41	4:58.31 Anders Rasmussen 41
2:03.29 RON KARNAUGH 02	9:10.03 Michael Schmidt 42	1:13.68 James W Duvall 41	5:05.32 Tim Hedrick 41
2:14.02 Jeff Prior 37	9:10.19 Tim Hedrick 41	1:13.80 Edmund J Gendreau 42	5:08.95 Lyle Nalli 44
2:15.72 Mark Magee 36	9:11.58 Gerry Rodrigues 42	• 200 M. BREASTSTROKE	5:13.69 Kurt Baron 40
2:19.13 Ross D Davis 38	9:13.18 Lyle Nalli 44	2:25.58 RON SCHAFFER 97	5:15.15 James Biles 43
2:19.20 Mark Stori 39	9:35.77 Jeff Crosson 43	2:33.41 Brian W Casey 41	5:27.66 Steve Wood 44
2:19.56 Amon Emeka 36	9:37.32 Edmund J Gendreau 42	2:39.77 Edmund J Gendreau 42	5:30.53 John S Witte 40
2:20.01 Rick Hamilton 37	9:39.64 Richard E Landry 40	2:40.39 Jon Blank 44	5:31.59 David J Brancamp 43
2:20.73 Emad H Elshafei 38	9:41.63 Robert Holmes 42	2:42.39 Kurt Baron 40	5:36.59 Steven R Fisher 42
2:21.60 John O'Keefe 37	• 1500 M. FREESTYLE	2:44.32 Richard E Landry 40	
2:21.88 Chris Chalmers 37	16:42.00 GEORGE TIDMARSH 03	2:45.63 James W Duvall 41	MEN 45-49
2:22.20 Neill Williams 36	17:00.78 George Tidmarsh 44	2:46.63 Lyle Nalli 44	• 50 M. FREESTYLE
• 400 M. INDIVIDUAL MEDLEY	17:29.86 Tim Hedrick 41	2:46.67 James Biles 43	24.73 BILL SHERMAN 03
4:24.36 RON KARNAUGH 03	17:32.87 Bobby Patten 42	2:46.74 James N Fregosi 44	24.44 Paul Smith 45NV
4:46.03 Ross Davis 38	17:34.20 Lyle Nalli 44	2:47.99 Richard Mercer 41	25.54 Kirk Kozlowski 46
4:47.79 Mark Magee 36	18:04.41 Jeff Crosson 43	• 50 M. BUTTERFLY	25.57 Fritz Lehman 46
4:51.05 Mike Shaffer 39	18:16.84 Steve Wood 44	25.89 WILLIAM SPECHT 98	25.69 Bill Sherman 46
4:58.07 Jeff Prior 37	18:21.63 Kurt Baron 40	26.47 Mark Noetzel 42	25.71 Bob Bugg 47
5:05.35 Rick Hamilton 37	18:38.97 David J Brancamp 43	27.17 Henry Stewart 41	25.75 Kurt Wilson 45
5:17.98 Arthur Boyko 38	18:40.78 Steven R Fisher 42	27.20 David S Holmes 40	25.84 Chris Dixon 47
5:18.36 Chris McGiffin 38	19:08.18 Robert Holmes 42	27.35 William Segal 40	26.00 Keith Berryhill 45
5:26.66 Michael Winkelman 35	• 50 M. BACKSTROKE	27.53 Scott McCadam 40	26.01 Robert Goldbloom 45
5:28.70 David Kays 37	27.28 ERIC ERICSON 02	27.75 Anders Rasmussen 41	26.06 Robert Heath 47
5:29.61 Shaun Morrow 37	28.34 Steve Wood 44	28.04 Michael Schmidt 42	• 100 M. FREESTYLE
MEN 40-44	29.07 Anders Rasmussen 41	28.13 Frank Wascko 44	54.34 JACK GROSELLE 03
• 50 M. FREESTYLE	30.18 Frank Wascko 44	28.19 Dean Putterman 42	54.50 Paul Smith 45
24.00 PAUL SMITH 01	30.42 Glenn H Battle 43	28.29 Jay T Kress 41	54.94 Bob Bugg 47
24.34 Mark Noetzel 42	31.17 Kevin Nash 40	• 100 M. BUTTERFLY	56.22 Gregory L Oxley 46
24.59 David Boatwright 43	31.19 Vernon S Rogers 43	56.18 WILLIAM SPECHT 98	56.61 Keith Berryhill 45
24.72 Geoff Glaser 40	31.34 Michael Schmidt 42	59.77 Henry Stewart 41	58.28 Robert Goldbloom 45
24.72 Steve Wood 44	31.47 Hector Chao 40	1:00.49 Brian W Casey 41	58.94 Bill Adkison 49
24.79 Scott McCadam 40	31.53 Jay T Kress 41	1:01.93 William Segal 40	59.21 Al S Humphrey 45
24.79 Richard Mercer 41	31.97 Val Florio 42	1:02.28 Michael Schmidt 42	59.84 Mark P Mitsch 47
25.09 Vernon S Rogers 43	• 100 M. BACKSTROKE	1:02.78 Jason A Crist 42	59.91 Geoff Heuchling 45
25.18 Henry Stewart 41	57.66 ERIC ERICSON 02	1:04.01 Richard Mercer 41	1:00.01 Jim Stites 47
25.24 William Segal 40	1:01.96 Steve Wood 44	1:04.97 Greg Stelzer 43	• 200 M. FREESTYLE
25.43 Ken Ericsson 44	1:05.11 Glenn H Battle 43	1:05.20 Hector Chao 40	1:57.99 PAUL SMITH 04
• 100 M. FREESTYLE	1:06.46 Hector Chao 40	1:05.76 Gerry Leutner 40	1:57.99 Paul Smith 45
52.44 PAUL SMITH 01	1:06.52 Matt Dixon 42	1:05.77 Scott McCadam 40	2:01.47 Bob Bugg 47
53.58 David Boatwright 43	1:07.91 Frank Wascko 44	• 200 M. BUTTERFLY	2:06.40 Rick Abbott 49
53.90 Mark Noetzel 42	1:08.11 Greg Werlinich 40	2:02.97 WILLIAM SPECHT 98	2:06.61 Keith Berryhill 45
54.25 Steve Wood 44	1:08.56 Anthony Morgan 40	2:20.03 Brian W Casey 41	2:09.78 Pat Allender 46
54.79 Vernon S Rogers 43	1:08.60 Kevin Nash 40	2:25.12 Jason A Crist 42	2:11.30 Jim Stites 47
54.88 William Segal 40	1:09.65 Michael N Hirst 44	2:29.83 Michael Schmidt 42	2:12.57 Al S Humphrey 45
54.88 William Segal 40	1:09.89 Gano Butcher 40	2:30.27 Lyle Nalli 44	2:12.72 Bill Adkison 49
54.97 Henry Stewart 41	• 200 M. BACKSTROKE	2:32.83 James Biles 43	2:13.82 Spencer LeCraw 48
55.17 Geoff Glaser 40	2:08.26 ERIC ERICSON 02	2:35.71 Jim Fegan 40	2:15.76 David Freeman 47
55.30 Michael McAweeney 41	2:20.08 Glenn H Battle 43	2:36.27 Frank C Wuest 44	• 400 M. FREESTYLE
55.47 Richard Mercer 41	2:21.73 Steve Wood 44	2:37.07 Paul Glezen 43	4:14.73 JIM MCCONICA 99
• 200 M. FREESTYLE	2:23.19 Hector Chao 40	2:38.52 Eric Dybdahl 44	4:20.92 Mark Drennen 48
1:56.44 PAUL SMITH 01	2:24.66 Lyle Nalli 44	2:40.60 Michael Johann 42	4:22.17 William Specht 46
1:57.76 Bradley Howe 42	2:25.19 Matt Dixon 42	• 100 M. INDIVIDUAL MEDLEY	4:22.91 Bob Bugg 47
2:02.27 Henry Stewart 41	2:25.20 Anders Rasmussen 41	1:00.54 J CLAY BRITT 01	4:28.82 Keith Berryhill 45
2:03.86 Michael Schmidt 42	2:30.33 Greg Werlinich 40	1:02.07 Anders Rasmussen 41	4:33.95 Matthew Kanzler 47
2:06.75 Lyle Nalli 44	2:34.60 Gerry Rodrigues 42	1:02.89 Chris Weissman 42	4:34.90 John Morales 46
2:06.80 Gerry Rodrigues 42	2:36.40 Michael N Hirst 44	1:03.19 Richard Mercer 41	4:36.25 Pat Allender 46
2:06.90 Todd Stultz 44	2:38.68 Kurt Baron 40	1:03.96 Steve Wood 44	4:37.53 Jim Stites 47
2:07.49 Jack Defandorf 40	• 50 M. BREASTSTROKE	1:04.46 Richard E Landry 40	4:41.10 Tom Mack 46
2:08.60 Matt Dixon 42	29.90 PLAMEN ALEXANDROV 01	1:04.71 Glenn H Battle 43	4:41.42 Donald Walker 46
2:08.93 Terry Richardson 43	31.01 Chris Weissman 42	1:04.96 Michael Schmidt 42	• 800 M. FREESTYLE
2:09.14 Steven M Newman 42	31.46 Dean Putterman 42	1:05.92 Jason A Crist 42	8:56.08 TIM BRODERICK 96
• 400 M. FREESTYLE	32.13 Richard Mercer 41	1:05.20 Jay T Kress 41	9:02.47 Mark Drennen 48
4:09.10 WILLIAM SPECHT 99	32.56 Michael McAweeney 41	1:06.61 Edmund J Gendreau 42	9:25.68 William Specht 46
	32.58 Richard E Landry 40	• 200 M. INDIVIDUAL MEDLEY	9:35.91 Tim Buckley 49
	32.97 James N Fregosi 44	2:12.25 JIM SORENSEN 98	

2004 Short-Course Meters - Top-Ten Individuals

9:36.86 Matt Kanzler 47	1:13.96 Keith Hoffman 45	5:02.51 William Specht 46	18:54.04 Lee Mench 52
9:44.05 Jim Stites 47	▪ 200 M. BREASTSTROKE	5:09.34 Matthew H Kanzler 47	19:04.73 Bob Ditolla 50
9:44.78 Tom Mack 46	2:31.41 GREGORY OXLEY 03	5:16.25 Robert Goldbloom 45	19:15.09 James Ryan 52
9:59.74 Alexander Knibbs 45	2:35.47 Gregory L Oxley 46	5:19.09 Bryan D Volpp 47	19:17.68 Frank L Thompson 53
10:03.56 Al S Humphrey 45	2:37.91 Benn W Doyle 46	5:20.11 John Morales 46	▪ 50 M. BACKSTROKE
10:05.79 Spencer LeCraw 48	2:38.89 Mark Drennen 48	5:26.53 Dan Robinson 47	29.30 TOM WOLF 04
10:08.43 Brad Cole 46	2:39.87 Pat Allender 46	5:28.97 Bob Seagraves 48	29.30 Tom Wolf 50
▪ 1500 M. FREESTYLE	2:41.81 Matthew Kanzler 47		30.28 Jack Altdoerffer 50
16:51.21 JIM MCCONICA 99	2:42.00 Ron Schafer 47	MEN 50-54	30.68 Donald Graham 50
16:56.31 Mark Drennen 48	2:43.21 G Von Hoffmann 48	▪ 50 M. FREESTYLE	31.38 Jeffrey S Bryan 52
18:01.19 Matthew H Kanzler 47	2:43.55 Todd Dimsdale 47	24.26 PAUL TREVISAN 03	31.85 Eric Van Boer 50
18:30.34 Jim Stites 47	2:44.30 Jim Matysek 45	25.23 Paul T Trevisan 53	32.14 John M Craig 50
18:40.81 John Morales 46	2:45.07 Andy Dyer 46	25.75 Eric Van Boer 50	32.69 Charles LeMaistre 50
18:44.76 Dan Robinson 47	▪ 50 M. BUTTERFLY	25.81 Larry Krauser 51	32.91 William Tingley 54
18:46.97 Tim Buckley 49	25.84 PAUL CARTER 03	25.90 Greg J Shaw 53	33.61 Larry Philbrick 52
19:15.67 Jack Sorg 48	26.29 Paul Smith 45	26.04 Thomas W Whatley 53	33.68 John McCall 53
19:29.69 Brian X Skuse 48	26.72 Paul Carter 47	26.08 Frederick Ehmke 50	▪ 100 M. BACKSTROKE
19:34.40 Gilles Chalandon 48	27.00 Robert Goldbloom 45	26.44 Donald Graham 50	1:01.48 TOM WOLF 04
19:38.30 Kerry L O'Brien 47	27.05 William Specht 46	26.69 Thomas Bliss 50	1:01.48 Tom Wolf 50
▪ 50 M. BACKSTROKE	27.75 Bob Bugg 47	26.73 Charles LeMaistre 50	1:06.31 Philipp Djang 50
28.40 FRITZ LEHMAN 03	27.85 Chris Dixon 47	26.87 Lee Mench 52	1:06.32 Jack Altdoerffer 50
28.83 Fritz Lehman 46	28.00 Timothy Phillips 45	▪ 100 M. FREESTYLE	1:07.79 Donald Graham 50
28.94 William Specht 46	28.10 Cameron Green 45	54.61 PAUL TREVISAN 03	1:08.20 Thomas Bliss 50
30.52 Robert Goldbloom 45	28.40 Fritz Lehman 46	55.88 Paul Trevisan 53	1:08.33 Eric Van Boer 50
31.18 Jonathan Klein 47	28.66 John Morales 46	56.55 Larry Krauser 51	1:09.34 Jeffrey S Bryan 52
31.26 Robert Heath 47	▪ 100 M. BUTTERFLY	56.89 Greg J Shaw 53	1:09.40 Peter O'Keefe 54
31.63 Tord Benner 45	57.17 PAUL CARTER 03	57.49 Lee E Mench 52	1:10.88 Fred Lemaistre 50
31.68 Peter Metzger 49	58.10 William Specht 46	57.64 Eric Van Boer 50	1:11.70 William Tingley 54
32.02 Mark Alexander 46	1:01.56 Cameron Green 45	58.56 Fred Lemaistre 50	▪ 200 M. BACKSTROKE
32.14 David Burleson 47	1:02.00 Paul Smith 45	58.77 Thomas Bliss 50	2:14.03 TOM WOLF 04
32.62 Charles Kennedy 47	1:04.21 John Feinstein 49	58.89 Larry Wood 50	2:14.03 Tom Wolf 50
▪ 100 M. BACKSTROKE	1:04.30 Robert Goldbloom 45	58.90 Donald Graham 50	2:21.69 Philipp Djang 50
1:00.09 FRITZ LEHMAN 03	1:04.40 John Morales 46	59.41 Jim McConica 54	2:26.75 Thomas Bliss 50
1:04.13 William Specht 46	1:04.78 Jonathan Klein 47	▪ 200 M. FREESTYLE	2:27.70 Jim McConica 54
1:04.83 Bob Bugg 47	1:04.88 Matthew Kanzler 47	1:58.37 JIM MCCONICA 00	2:32.23 Donald Graham 50
1:08.86 Rick Abbott 49	1:04.89 Timothy Phillips 45	2:05.49 Greg J Shaw 53	2:34.42 Peter O'Keefe 54
1:05.40 Paul L Smith 45	1:05.22 David W Cheney 46	2:07.22 Larry Krauser 51	2:35.04 Donald S Love 50
1:07.68 Mark E Alexander 46	▪ 200 M. BUTTERFLY	2:07.94 Lee Mench 52	2:36.81 Eric Van Boer 50
1:08.25 Jonathan Klein 47	2:09.06 WILLIAM SPECHT 03	2:09.16 Jim McConica 54	2:38.14 Chris Stewart 53
1:08.52 Peter Metzger 49	2:11.23 William Specht 46	2:10.43 Jim Clemmons 54	2:38.34 Wes Edwards 51
1:08.84 Vincent Morales 47	2:23.79 Matthew Kanzler 47	2:12.20 Bruce Gianniny 53	▪ 50 M. BREASTSTROKE
1:09.78 David Burleson 47	2:26.10 Donald Walker 46	2:12.87 Richard Phillips 50	31.24 DON MCKENZIE 97
1:09.79 Tord Benner 45	2:28.66 Dan Robinson 47	2:13.74 Bob Ditolla 50	33.93 Ken Holmes 50
▪ 200 M. BACKSTROKE	2:29.13 John Morales 46	2:14.68 Donald S Love 50	34.05 David Ellwanger 50
2:13.36 FRITZ LEHMAN 03	2:29.50 David W Cheney 46	▪ 400 M. FREESTYLE	34.38 Robert Brown 52
2:16.39 William Specht 46	2:31.57 Paul Creason 46	4:07.99 JIM MCCONICA 00	34.50 Thomas W Whatley 53
2:20.52 Bob Bugg 47	2:35.16 Jim Stites 47	4:22.90 Jim McConica 54	35.08 Robert Liotta 53
2:26.07 Rick Abbott 49	2:39.21 David Burleson 47	4:29.76 Larry Krauser 51	35.23 Howard Burns 53
2:26.80 Vincent Morales 47	2:41.00 Alexander Knibbs 45	4:33.14 Jim Clemmons 54	35.63 Charles LeMaistre 50
2:29.80 Anthony J Reino 48	▪ 100 M. INDIVIDUAL MEDLEY	4:36.26 Lee Mench 52	35.73 Rick A Battistini 50
2:31.04 Mark E Alexander 46	1:02.20 GREGORY OXLEY 03	4:38.57 Larry Wood 50	35.80 Lee Mench 52
2:31.67 Jonathan Klein 47	1:03.09 Robert Goldbloom 45	4:40.71 Richard Phillips 50	35.92 Cliff Jennings 51
2:37.06 John L Nixon 49	1:03.58 Fritz Lehman 46	4:41.66 John C Needham 51	▪ 100 M. BREASTSTROKE
2:38.31 Tord Benner 45	1:04.31 Paul Carter 47	4:44.52 Bruce Gianniny 53	1:09.96 ROBERT STRAND 96
2:38.79 James Mullikin 47	1:06.57 Mark Drennen 48	4:48.60 Bob Ditolla 50	1:14.42 Tom Reudy 50
▪ 50 M. BREASTSTROKE	1:06.62 Bill Adkison 49	4:53.37 Bill Penn 53	1:16.34 Robert Brown 52
30.83 GREG OXLEY 03	1:07.13 Robert Heath 47	▪ 800 M. FREESTYLE	1:16.54 David Ellwanger 50
32.08 Gregory L Oxley 46	1:07.46 Andy Dyer 46	8:44.51 JIM MCCONICA 00	1:16.79 Robert Liotta 53
32.53 Craig C Sheffer 47	1:07.50 Pat Allender 46	9:11.91 Jim McConica 54	1:16.81 Jim Goodman 51
32.62 Benn W Doyle 46	1:07.67 G Von Hoffmann 48	9:27.71 Jim Clemmons 54	1:18.02 Don Gilchrist 50
32.72 Keith Hoffman 45	1:08.10 Steve E Franklin 47	9:32.43 Larry Krauser 51	1:18.32 Bob Schmitz 52
32.91 Andy Dyer 46	▪ 200 M. INDIVIDUAL MEDLEY	9:46.96 Scott Lautman 52	1:18.59 John McCall 53
33.17 Todd Dimsdale 47	2:16.56 PAUL SMITH 04	9:50.09 John Needham 51	1:18.77 Berry Hamilton 51
33.63 G Von Hoffmann 48	2:16.56 Paul L Smith 45	9:52.79 Richard Phillips 50	1:18.89 Thomas Bliss 50
33.75 Mark Drennen 48	2:23.30 Mark Drennen 48	9:54.02 James Ryan 52	▪ 200 M. BREASTSTROKE
33.82 Chris Dixon 47	2:25.60 Rick Abbott 49	9:59.08 Lee Mench 52	2:34.71 ROBERT STRAND 96
33.88 Jim Matysek 45	2:26.05 Pat Allender 46	10:10.00 Frank Thompson 53	2:45.49 Jim Clemmons 54
▪ 100 M. BREASTSTROKE	2:26.15 Matthew Kanzler 47	10:18.35 Bruce Gianniny 53	2:48.43 Robert Brown 52
1:07.77 GREG OXLEY 03	2:28.10 John Morales 46	▪ 1500 M. FREESTYLE	2:50.73 Gregory Harrison 52
1:09.20 Gregory L Oxley 46	2:28.33 Bryan D Volpp 47	16:33.02 JIM MCCONICA 00	2:50.83 Thomas Bliss 50
1:11.65 Todd Dimsdale 47	2:30.54 Bob Seagraves 48	17:45.97 Jim McConica 54	2:51.18 John McCall 53
1:12.20 Benn W Doyle 46	2:30.64 Bill Adkison 49	17:58.01 Larry Wood 50	2:53.29 Jim Goodman 51
1:12.36 Craig C Sheffer 47	2:31.19 G Von Hoffmann 48	18:06.28 Jim Clemmons 54	2:53.37 Robert Liotta 53
1:12.90 Pat Allender 46	▪ 400 M. INDIVIDUAL MEDLEY	18:37.09 John C Needham 51	2:55.79 Howard Burns 53
1:13.25 Andy Dyer 46	4:48.97 LINCOLN DJANG 04	18:40.93 Richard Phillips 50	2:58.53 David Levinson 54
1:13.49 Ron Schafer 47	4:48.97 Lincoln Djang 45	18:53.85 Bill Penn 53	2:59.39 Steven Van Nort 53
1:13.67 Mark Drennen 48	4:56.40 Paul Carter 47		▪ 50 M. BUTTERFLY
1:13.79 G Von Hoffmann 48	5:00.62 Mark Drennen 48		26.79 GREG SHAW 03

2004 Short-Course Meters - Top-Ten Individuals

27.23 Greg J Shaw 53	27.00 Thomas Peek 57	35.89 R K Jacobberger 59	1:08.91 Jon Shastid 56
27.49 Frederick Ehmke 50	27.01 Steve Heck 55	• 100 M. BACKSTROKE 00	1:10.10 Ted Levich 56
27.63 Robert M Hansen 50	27.03 Glenn Woodsum 57	1:04.89 TIM BIRNIE 57	1:10.88 Steve V Heck 55
27.78 Donald Graham 50	27.23 Jon Shastid 56	1:07.08 Hugh Wilder 57	1:11.76 Bill A Grant 55
28.46 John McCall 53	27.80 George Bowers 56	1:10.86 Steve Heck 55	1:13.03 Greg Pash 57
28.54 John M Craig 50	27.85 Bruce E Mohl 58	1:12.28 R Tod Spieker 56	1:13.50 Glenn Storey 55
28.81 Kevin McCormack 52	27.88 Hugh Wilder 57	1:13.77 James P King 58	1:14.16 Bob Kolonkowski 56
28.86 Charles LeMaistre 50	• 100 M. FREESTYLE	1:15.06 Dick Thomas 57	• 200 M. BUTTERFLY
29.55 Paul Trevisan 53	56.51 RICH ABRAHAMS 01	1:16.16 Bob Kolonkowski 56	2:22.73 FRED SCHLICHER 03
29.73 Gary Emerson 50	58.25 Tom Geiman 55	1:16.36 Daniel J Rogacki 57	2:48.65 Bob Kolonkowski 56
• 100 M. BUTTERFLY	59.00 Homer W Lane 55	1:18.09 Kent Carney 57	2:53.41 Fred Baird 56
1:00.08 JOHN MCCALL 03	1:00.27 Glenn Woodsum 57	1:18.44 David Ugarkovich 57	2:57.71 Bill A Grant 55
1:00.59 Greg J Shaw 53	1:00.35 Steve Heck 55	1:19.06 Glenn Gruber 55	3:04.70 George Bowers 56
1:01.40 Robert M Hansen 50	1:00.49 Rich Abrahams 59	• 200 M. BACKSTROKE	3:05.57 Paulo Figueiredo 58
1:02.46 John McCall 53	1:01.62 Glenn Gruber 55	2:21.80 TOD SPIEKER 03	3:06.32 Henry Greenberg 56
1:02.70 Scott Lautman 52	1:02.25 Richard Arluck 59	2:29.64 Hugh Wilder 57	3:07.94 William F Babcock 56
1:02.79 Donald Graham 50	1:02.30 Jon Shastid 56	2:40.74 Steve V Heck 55	3:12.45 Francis Dann 58
1:04.97 Kevin McCormack 52	1:02.37 Daniel J Rogacki 57	2:43.86 Daniel J Rogacki 57	3:15.05 John Graham 59
1:07.27 Jack Salvatore 54	1:02.43 Bruce Mohl 58	2:46.42 Bob Kolonkowski 56	3:15.88 John Ziegler 59
1:07.42 Bob Ditolla 50	• 200 M. FREESTYLE	2:51.86 Kent Carney 57	• 100 M. INDIVIDUAL MEDLEY
1:07.65 Larry Wood 50	2:06.20 TOD SPIEKER 03	2:53.44 William F Babcock 56	1:06.45 DANIEL ROGACKI 02
1:07.98 Hunter Yost 53	2:12.55 R Tod Spieker 56	2:53.59 Michael McColly 59	1:08.60 Steve Heck 55
• 200 M. BUTTERFLY	2:12.88 Homer W Lane 55	2:57.01 Jay Platt 57	1:09.13 Tom Geiman 55
2:18.02 SCOTT LAUTMAN 04	2:16.28 Steve V Heck 55	2:57.49 Edward Gray 59	1:09.18 John Derr 55
2:18.02 Scott Lautman 52	2:17.90 Glenn Gruber 55	2:57.79 Timothy T Timmons 58	1:10.51 Daniel J Rogacki 57
2:18.88 John M Craig 50	2:19.97 Bruce E Mohl 58	• 50 M. BREASTSTROKE	1:10.66 Robert Strand 58
2:29.49 Thomas Bliss 50	2:20.00 Glenn Woodsum 57	32.18 ROBERT STRAND 01	1:10.80 Homer W Lane 55
2:31.91 Bob Ditolla 50	2:21.99 Jay Platt 57	33.60 Robert Strand 58	1:12.01 Bruce E Mohl 58
2:35.60 Hunter Yost 53	2:23.74 Jack Zakim 59	33.97 Allen Stark 55	1:12.09 Hugh Wilder 57
2:36.23 Jim Clemmons 54	2:24.79 George Bowers 56	34.72 John Derr 55	1:12.68 Dick Thomas 57
2:38.33 Donald Graham 50	2:25.10 Tim Morse 56	35.48 Leo Tanaka 57	1:12.74 Ted Levich 56
2:42.52 John McCall 53	• 400 M. FREESTYLE	36.02 Yoel Kende 55	• 200 M. INDIVIDUAL MEDLEY
2:44.57 Larry B Krauser 51	4:28.73 TOD SPIEKER 03	36.04 Daniel J Rogacki 57	2:27.19 JOHN CALVERT 00
2:47.01 Mark C Walters 52	4:40.29 R Tod Spieker 56	36.11 Jesse B Smyers 58	2:32.42 Steve Heck 55
• 100 M. INDIVIDUAL MEDLEY	4:55.43 Glenn Gruber 55	36.59 Robert W Long 55	2:35.12 R Tod Spieker 56
1:03.57 TOM WOLF 04	4:56.48 Steve V Heck 55	36.71 Jak Keyser 57	2:39.18 Daniel J Rogacki 57
1:03.57 Tom Wolf 50	5:00.52 Jay Platt 57	36.74 Steve V Heck 55	2:39.65 Glenn Gruber 55
1:05.05 Donald Graham 50	5:01.66 Tim Morse 56	• 100 M. BREASTSTROKE	2:40.38 Ted Levich 56
1:05.19 Tom Reudy 50	5:02.24 George Bowers 56	1:11.53 ROBERT STRAND 01	2:40.96 Bruce E Mohl 58
1:08.09 Eric Van Boer 50	5:05.09 Douglas K Miller 58	1:13.94 Robert Strand 58	2:43.09 Glenn Storey 55
1:08.14 Thomas Bliss 50	5:09.40 William F Babcock 56	1:15.69 Allen Stark 55	2:46.74 Bill A Grant 55
1:08.28 Charles LeMaistre 50	5:10.45 Fred Baird 56	1:15.80 John Derr 55	2:49.89 Bill Pillmore 56
1:08.30 Philipp Djang 50	5:10.54 Jack Zakim 59	1:17.99 Steve Heck 55	2:51.59 Greg Pash 57
1:08.51 Robert Brown 52	• 800 M. FREESTYLE	1:19.11 Daniel J Rogacki 57	• 400 M. INDIVIDUAL MEDLEY
1:09.39 Don Gilchrist 50	9:13.15 TOD SPIEKER 03	1:21.64 Ron Dubois 55	5:13.29 TOD SPIEKER 03
1:10.11 Ken Holmes 50	9:48.40 Tod Spieker 56	1:21.75 Dave Gemmil 57	5:32.08 Steve Heck 55
• 200 M. INDIVIDUAL MEDLEY	10:25.48 Tim Morse 56	1:22.07 Yoel Kende 55	5:39.01 R Tod Spieker 56
2:19.27 TOM WOLF 04	10:29.30 Glenn Gruber 55	1:22.30 David Ugarkovich 57	5:46.21 Ted Levich 56
2:19.27 Tom Wolf 50	10:44.68 William Cerny 56	1:22.54 Jesse B Smyers 58	5:50.13 Doug Miller 58
2:25.24 Thomas Bliss 50	10:50.00 Jay Platt 57	• 200 M. BREASTSTROKE	6:00.90 Daniel J Rogacki 57
2:28.16 Jim Clemmons 54	10:51.82 Daniel J Rogacki 57	2:38.76 ROBERT STRAND 01	6:05.73 Michael McColly 59
2:29.60 Donald Graham 50	10:52.26 Michael McColly 59	2:43.40 Robert Strand 58	6:16.10 Jay R Platt 57
2:30.34 Jim McConica 54	10:52.27 George Bowers 56	2:47.88 Allen Stark 55	6:17.12 Hop Bailey 57
2:31.97 Larry Wood 50	10:59.58 Patrick Sparr 57	2:48.28 John Derr 55	6:19.34 William F Babcock 56
2:35.47 John McCall 53	10:59.77 Richard Smith 59	2:49.63 Steve V Heck 55	6:21.59 Christian Jochim 56
2:36.96 Howard Burns 53	• 1500 M. FREESTYLE	2:54.17 Daniel J Rogacki 57	
2:40.61 Berry Hamilton 51	17:35.21 TOD SPIEKER 03	2:59.05 Steven Peterson 58	<u>MEN 60-64</u>
2:40.90 Ken Holmes 50	18:16.00 R Tod Spieker 56	3:01.56 Dave Gemmil 57	• 50 M. FREESTYLE
• 400 M. INDIVIDUAL MEDLEY	20:18.45 William Cerny 56	3:01.70 David Ugarkovich 57	26.31 JEFF FARRELL 00
4:58.93 JIM MCCONICA 01	20:48.21 Richard Smith 59	3:03.58 Chris Hafferty 55	27.58 Vinus Van Baalen 62
5:10.40 Jim Clemmons 54	20:51.81 Fred Baird 56	3:03.87 Ron Dubois 55	27.78 David Quiggin 60
5:16.42 Thomas Bliss 50	21:06.85 John Gair 57	• 50 M. BUTTERFLY	27.86 Jim Dragon 60
5:19.80 Jim McConica 54	21:07.21 Hop Bailey 57	27.21 STEVE BOROWSKI 02	27.94 Robert S Smith 61
5:28.08 John McCall 53	21:08.45 Gregory C Pash 57	28.31 Tom Geiman 55	28.79 Peter Andersen 61
5:29.34 Bob Ditolla 50	21:17.95 George Bowers 56	28.61 Rich Abrahams 59	29.08 Richard Burns 61
5:32.97 Donald Graham 50	21:25.97 Steven Peterson 58	29.68 John Derr 55	29.10 Don Davis 60
5:33.95 Richard Phillips 50	21:33.91 William F Babcock 56	29.69 Jon Shastid 56	29.23 Mike Freshley 63
5:36.25 Howard Burns 53	• 50 M. BACKSTROKE	29.78 Steve Heck 55	29.62 George Viguie 60
5:36.91 Larry B Krauser 51	30.25 HUGH WILDER 03	30.00 Fred Baird 56	29.73 Tom Landis 62
5:40.98 Hunter Yost 53	30.63 Hugh Wilder 57	30.19 Hugh Wilder 57	• 100 M. FREESTYLE
	32.36 Steve Heck 55	30.60 George Bowers 56	59.90 DAVID QUIGGIN 04
<u>MEN 55-59</u>	32.54 Dick Thomas 57	30.77 Dick Thomas 57	59.90 David Quiggin 60
• 50 M. FREESTYLE	34.37 Bob Kolonkowski 56	31.00 Glenn Gruber 55	1:02.84 Richard Burns 61
25.00 RICH ABRAHAMS 01	34.58 Daniel Rogacki 57	• 100 M. BUTTERFLY	1:02.94 Vinus Van Baalen 62
25.47 Rich Abrahams 59	35.07 David Ugarkovich 57	1:02.74 STEVE BOROWSKI 02	1:04.28 Mike Freshley 63
25.87 Tom Geiman 55	35.61 Timothy T Timmons 58	1:04.15 Rich Abrahams 59	1:04.64 Jack Geoghegan 62
26.62 Homer W Lane 55	35.76 Jon Stout 58	1:06.63 Tom Geiman 55	1:05.46 George Viguie 60
	35.83 Thomas C Proctor 55	1:08.90 Fred Baird 56	

2004 Short-Course Meters - Top-Ten Individuals

1:06.09 Tom Landis	62	2:34.17 RICHARD BURNS	03	3:19.01 Christian Iselin	61	2:58.76 Chris Saunders	66
1:06.13 Don Davis	60	2:43.78 Richard Burns	61	3:25.68 Douglas Stern	61	3:00.12 Ricardo G Machin	68
1:06.67 Peter Andersen	61	2:53.62 Bill Rupert	61	3:27.93 James F Shaw	63	400 M. FREESTYLE	
1:07.32 David R Gildea	61	2:55.82 Larry Raffaelli	61	3:39.74 Gary Chase	64	5:09.09 GRAHAM JOHNSTON	96
200 M. FREESTYLE		3:01.60 Vinus Van Baalen	62	3:43.85 Martin Hahn	63	5:30.98 Jerry Clark	67
2:15.84 TOM LANDIS	02	3:01.60 Gary Chase	64	100 M. INDIVIDUAL MEDLEY		5:34.69 Ernie Leskovitz	68
2:18.84 Richard Burns	61	3:09.25 Harold Murray	63	1:09.39 ROBERT S SMITH	03	6:00.26 Dietrich Bolz	65
2:20.04 Don Davis	60	3:11.52 Murray Mc Lachlan	63	1:12.36 Robert S Smith	61	6:13.36 Brent Lake	66
2:25.64 Larry Raffaelli	61	3:14.79 Carl Hoegler	62	1:13.24 Richard Burns	61	6:22.18 Landon C Kirchner	66
2:27.41 Mike Freshley	63	3:17.40 David Szuch	61	1:13.96 Mike Freshley	63	6:31.48 Bill Blake	67
2:30.19 George Viguie	60	3:30.42 Doug D Church	60	1:14.78 Peter Andersen	61	6:36.09 Robert F Norris	66
2:31.50 Neil Watts	62	50 M. BREASTSTROKE		1:16.63 Kim Bernard	60	6:38.48 Don Ingalls	66
2:33.45 Bill Dawson	62	33.71 PETER ANDERSEN	03	1:16.83 Kenneth Frost	60	6:38.80 Robert Williams	65
2:33.89 Geir Ingolfstrud	61	34.20 Peter Andersen	61	1:17.90 David Quiggin	60	6:41.45 Ted Stephenson	67
2:35.38 Eric Anderson	60	34.91 Scott Guthrie	60	1:18.24 Louis R Kronfeld	61	800 M. FREESTYLE	
2:36.98 David J Vail	61	35.67 Kenneth Frost	60	1:19.45 Harold Murray	63	10:35.13 GRAHAM JOHNSTON	96
400 M. FREESTYLE		36.07 Kim Bernard	60	1:19.97 Charles Lee	60	11:35.85 Ernie Leskovitz	68
4:54.94 DRURY GALLAGHER	98	37.30 David R Gildea	61	200 M. INDIVIDUAL MEDLEY		12:28.63 Brent Lake	66
5:03.84 David Quiggin	60	37.79 Charles Lee	60	2:35.95 EDWARD CAZALET	03	12:47.95 Dietrich Bolz	65
5:05.50 Larry Raffaelli	61	37.80 Robert Lewis	61	2:41.87 Mike Freshley	63	12:51.96 Dick Peterson	67
5:07.11 Don Davis	60	37.82 Thomas D Boak	61	2:47.93 Richard Burns	61	13:11.90 Chris Saunders	66
5:12.97 Jack Geoghegan	62	38.01 Mike Freshley	63	2:58.60 Bob Bourassa	63	13:18.77 Barry A Fasbender	67
5:19.59 Tom Landis	62	38.25 David W Spence	62	2:59.48 Bill Dawson	62	13:30.70 William Blake	67
5:25.29 Neil Watts	62	100 M. BREASTSTROKE		3:01.31 Peter Andersen	61	13:39.96 Robert F Norris	66
5:30.38 Bill Dawson	62	1:16.56 PETER ANDERSEN	03	3:01.34 David J Vail	61	13:41.66 Don Ingalls	66
5:30.76 Geir Ingolfstrud	61	1:18.46 Kenneth Frost	60	3:02.92 Harold Murray	63	14:14.93 Alex Benney	68
5:35.81 Eric Anderson	60	1:18.93 Peter Andersen	61	3:03.60 Eric Anderson	60	1500 M. FREESTYLE	
5:40.83 David J Vail	61	1:20.49 David R Gildea	61	3:06.76 Douglas Stern	61	19:53.18 GRAHAM JOHNSTON	96
5:40.83 David Vail	61	1:20.85 Kim Bernard	60	3:09.98 Eric Hutchinson	62	23:50.03 Brent Lake	66
800 M. FREESTYLE		1:23.53 Louis R Kronfeld	61	400 M. INDIVIDUAL MEDLEY		24:21.31 Dick Peterson	67
10:10.78 DRURY GALLAGHER	98	1:23.71 Mike R Freshley	63	5:34.43 EDWARD CAZALET	03	24:27.82 Dietrich Bolz	65
10:31.00 Larry Raffaelli	61	1:25.21 Charles Lee	60	5:57.22 Mike Freshley	63	24:34.37 A Emory Haworth	68
10:38.35 Don Davis	60	1:25.97 Robert Lewis	61	6:20.56 David Quiggin	60	24:45.68 Barry A Fasbender	67
10:46.11 David Quiggin	60	1:26.60 Thomas D Boak	61	6:26.82 Bob Bourassa	63	25:14.05 Chris Saunders	66
11:05.48 Tom Landis	62	1:26.70 Dennis West	60	6:37.30 Bill Dawson	62	25:34.98 Robert F Norris	66
11:13.13 Bill Dawson	62	200 M. BREASTSTROKE		6:39.81 Douglas E Stern	61	25:48.10 Ray Martin	67
11:22.09 Eric Anderson	60	2:53.12 DRURY GALLAGHER	98	6:41.15 Gary Chase	64	26:11.75 Don Ingalls	66
11:40.92 Geir Ingolfstrud	61	2:53.45 Kenneth Frost	60	6:42.53 Christian Iselin	61	26:17.55 Landon C Kirchner	66
11:42.31 Dick Pitman	60	2:58.36 Peter Andersen	61	7:46.93 Doug D Church	60	50 M. BACKSTROKE	
11:51.57 David J Vail	61	3:00.60 Mike Freshley	63	7:47.82 Tom Spence	60	33.38 YOSHI OYAKAWA	99
12:12.56 Alfredo Guzman	61	3:07.52 Allen Murray	60	7:54.06 Martin Hahn	63	36.17 David McIntyre	67
1500 M. FREESTYLE		3:08.12 Kimball Bernard	60			36.73 Jeff Farrell	67
19:15.89 EDWARD CAZALET	03	3:10.60 Don Davis	60			40.37 Marshall Greer Jr	68
20:11.11 Larry Raffaelli	61	3:11.51 Charles Lee	60			40.86 Art Johnson	66
21:20.01 Tom Landis	62	3:14.70 Scott Guthrie	60			41.78 Barry Fasbender	67
21:21.39 Bill Dawson	62	3:15.79 Mel Dyck	63			42.01 Brent Lake	66
22:17.49 Dick Pitman	60	3:18.81 Patrick Schlup	64			42.10 George Thayer	68
22:37.23 Joe Buys	60	50 M. BUTTERFLY				42.76 Dick Peterson	67
22:50.78 Robert S Smith	61	29.88 DAVID QUIGGIN	04			42.79 Robert Williams	65
23:31.44 Dennis West	60	29.87 Jim Dragon	60NV			43.61 Alan T Johnson	67
24:31.34 Bob Jones	62	29.88 David Quiggin	60			100 M. BACKSTROKE	
24:47.09 Tom Spence	60	30.80 Scott Guthrie	60			1:14.66 YOSHI OYAKAWA	98
24:54.56 Doug D Church	60	30.82 Mike Freshley	63			1:29.13 Brent Lake	66
50 M. BACKSTROKE		30.86 Robert S Smith	61			1:31.92 George Thayer	68
31.31 ROBERT S SMITH	04	30.92 Richard Alexander	60			1:32.02 Robert F Norris	66
31.31 Robert Smith	61	31.18 Richard Burns	61			1:33.09 Dick Peterson	67
32.91 Richard Burns	61	32.78 Vinus Van Baalen	62			1:33.54 Art Johnson	66
33.07 Richard Alexander	60	33.64 Kenneth Bergquist	60			1:34.22 Alan Johnson	67
33.25 Vinus Van Baalen	62	33.96 Dick Pitman	60			1:35.36 Bruce Murray	68
34.43 Jack Geoghegan	62	100 M. BUTTERFLY				1:37.00 Doug Holmes	68
34.48 David Quiggin	60	1:06.74 ROBERT POILETMAN	03			1:37.74 Everett Smethurst	69
35.13 Gary Chase	64	1:07.23 Robert Poiletman	61			1:38.47 William Learmonth	65
35.56 Jim Dragon	60	1:11.44 Richard Burns	61			200 M. BACKSTROKE	
35.92 Mike Freshley	63	1:16.50 Dick Pitman	60			2:52.77 ROGER FRANKS	94
36.08 Harold Murray	63	1:19.38 Ken Bergquist	60			3:15.14 Brent Lake	66
100 M. BACKSTROKE		1:21.41 David Quiggin	60			3:18.92 William Crowley	65
1:08.85 RICHARD BURNS	03	1:23.32 Christian Iselin	61			3:21.16 Robert F Norris	66
1:09.20 Robert Smith	61	1:24.36 Mike Freshley	63			3:23.99 George Thayer	68
1:12.99 Richard Burns	61	1:24.48 Louis R Kronfeld	61			3:26.63 Alan T Johnson	67
1:19.36 Vinus Van Baalen	62	1:24.83 Bill Dawson	62			3:27.47 Bruce Murray	68
1:19.73 Bill Rupert	61	1:29.98 James F Shaw	63			3:27.57 John Medici	66
1:22.68 Larry Raffaelli	61	200 M. BUTTERFLY				3:32.76 Barry A Fasbender	67
1:24.27 Harold Murray	63	2:34.65 ROBERT POILETMAN	03			3:34.58 Everett Smethurst	69
1:24.89 Raymond Woller	63	2:37.01 Robert Poiletman	61			3:34.97 Art Johnson	66
1:26.48 Eric Anderson	60	2:47.61 Richard Kitchell	64			50 M. BREASTSTROKE	
1:30.65 Walt Reid	64	3:02.00 Mike Freshley	63			36.07 MANUEL SANGUILY	98
1:31.91 David Szuch	61	3:03.00 Dick Pitman	60			39.30 Bela Sandor	69
200 M. BACKSTROKE		3:18.36 Larry Raffaelli	61			40.47 Jim E Perilman	65

2004 Short-Course Meters - Top-Ten Individuals

40.59 Karl Wiedamann 66	1:30.10 Jim E Perilman 65	10:52.68 GRAHAM JOHNSTON 01	1:37.72 Donald Baker 73
41.32 Jerry Katz 66	1:30.52 Steve Allen 68	11:11.81 David Radcliff 70	1:38.05 Wilhelm Rauch 70
41.40 Louis H Diamond 65	200 M. INDIVIDUAL MEDLEY	11:53.72 Graham M Johnston 73	1:39.14 Norman Stupfel 72
41.79 Ronald Nakata 65	2:46.35 JEFF FARRELL 02	12:22.46 Larry Good 70	1:40.25 Graham Johnston 73
41.84 Dick Peterson 67	2:49.24 Jeff Farrell 67	12:23.68 Wilhelm Rauch 70	1:41.96 Milton Marks 74
42.38 Steve Allen 68	3:05.25 Ronald Nakata 65	12:50.72 Alan Rapperport 71	200 M. BREASTSTROKE
42.68 Thomas Long 67	3:09.78 Dick Peterson 67	13:16.75 Robert W Mayo 71	3:12.98 RONALD JOHNSON 03
42.68 Jerry Clark 67	3:16.15 A Emory Haworth 68	13:26.17 Dick Chisholm 70	3:14.83 Bob Patten 70
100 M. BREASTSTROKE	3:16.60 William Crowley 65	13:57.01 Bill King 71	3:26.78 Larry A Good 70
1:22.34 MANUEL SANGUILY 98	3:27.44 Joseph R Bolze 65	13:57.85 Myron Lockey 73	3:31.88 Bob Best 72
1:27.79 Karl Wiedamann 66	3:29.44 Barry A Fasbender 67	14:08.30 Mike Milliman 70	3:37.88 Wilhelm Rauch 70
1:28.71 Jim E Perilman 65	3:31.78 Harold Tauscher 67	1500 M. FREESTYLE	3:38.68 Graham Johnston 73
1:34.74 Dick Peterson 67	3:32.26 Jim Perilman 65	20:54.56 GRAHAM JOHNSTON 01	3:45.80 Norman Stupfel 72
1:37.92 William Crowley 65	3:33.70 John Medici 66	21:25.90 David Radcliff 70	3:47.90 Donald Baker 73
1:38.41 Harold Tauscher 67	400 M. INDIVIDUAL MEDLEY	22:47.76 Graham M Johnston 73	3:51.75 Myron Lockey 73
1:38.65 William W Haines 67	6:04.40 GRAHAM JOHNSTON 96	23:23.27 Larry Good 70	3:54.22 Milton Marks 74
1:40.47 John Medici 66	6:43.99 Mel Goldstein 66	23:38.65 Wilhelm Rauch 70	3:58.66 Tom Mitchell 71
1:40.85 Jack Fleming 69	6:45.23 Ernie Leskovitz 68	24:30.89 Robert W Mayo 71	50 M. BUTTERFLY
1:41.62 Robert Bracken 69	6:53.94 William Crowley 65	25:05.73 Dick Chisholm 70	32.57 RONALD JOHNSON 01
1:42.05 Jerry Marchbanks 69	7:07.23 Dick Peterson 67	26:02.76 Myron Lockey 73	35.99 Wally Dobler 70
200 M. BREASTSTROKE	7:14.45 Barry A Fasbender 67	27:47.93 Tom Mitchell 71	36.04 David Radcliff 70
3:08.98 BOB PATTEN 02	7:21.36 Joseph R Bolze 65	27:54.98 Robert J Cook 72	37.37 Burwell Jones 71
3:13.98 Karl Wiedamann 66	7:40.50 Jerry Marchbanks 69	28:39.19 Donald Baker 73	37.44 Bob Patten 70
3:28.62 Jim Perilman 65	7:42.05 Jim E Perilman 65	50 M. BACKSTROKE	38.23 William Lauer 70
3:29.50 William Crowley 65	7:43.06 Robert Fox 67	33.90 YOSHI OYAKAWA 03	39.09 Stan F Morner 70
3:32.31 Barry A Fasbender 67	8:10.12 James Browne 66	34.17 Yoshi Oyakawa 71	40.01 Larry Good 70
3:39.00 Landon C Kirchner 66		35.75 Burwell Jones 71	41.38 Alan Rapperport 71
3:39.36 Joseph R Bolze 65	MEN 70-74	38.96 George Gfroerer 71	41.64 Pary O'Brien 72
3:39.66 Louis H Diamond 65		39.41 Larry Good 70	42.37 Graham Johnston 73
3:41.33 William W Haines 67	50 M. FREESTYLE	40.75 Alan Rapperport 71	100 M. BUTTERFLY
3:43.81 Harold Tauscher 67	28.55 RONALD JOHNSON 03	40.90 Wally Dobler 70	1:19.51 RONALD JOHNSON 01
3:50.61 Jack Fleming 69	29.77 David Radcliff 70	41.29 John Hodgson 71	1:24.63 Wally Dobler 70
50 M. BUTTERFLY	31.31 Burwell Jones 71	41.57 Stan McConnell 73	1:30.63 Dren Geer 70
30.70 BOB BAILIE 01	31.70 Dren Geer 70	41.78 Ken Kimball 74	1:36.61 William Lauer 70
32.97 Joseph M Lammert 65	32.03 Wally Dobler 70	42.09 Graham Johnston 73	1:40.69 Graham Johnston 73
33.67 Jeff Farrell 67	32.83 John Kortheuer 73	100 M. BACKSTROKE	1:47.49 Norman Stupfel 72
33.80 Bob Bailie 69	32.87 Bob Best 72	1:15.85 YOSHI OYAKAWA 03	1:48.75 Sam Chilton 70
34.05 Ronald Nakata 65	32.89 George Gfroerer 71	1:17.81 Burwell Jones 71	1:50.03 Tom Mitchell 71
34.91 A Emory Haworth 68	32.93 Donald Baker 73	1:21.09 Yoshi Oyakawa 71	1:52.10 H Donald J Messer 73
35.74 Jerry Katz 66	33.09 Alan Rapperport 71	1:26.71 Larry Good 70	1:58.22 John J Huson 70
35.81 David McIntyre 67	33.25 Norman Stupfel 72	1:26.86 George Gfroerer 71	1:58.39 Donald Baker 73
36.83 Steve Allen 68	100 M. FREESTYLE	1:28.51 Robert W Mayo 71	200 M. BUTTERFLY
37.28 Robert Williams 65	1:06.26 GRAHAM JOHNSTON 01	1:28.86 Graham Johnston 73	3:15.19 RONALD JOHNSON 02
37.66 Barry A Fasbender 67	1:06.50 David Radcliff 70	1:29.96 Alan Rapperport 71	3:44.51 Graham Johnston 73
100 M. BUTTERFLY	1:09.41 Burwell Jones 71	1:31.47 Clarke Mitchell 72	3:44.72 William Lauer 70
1:13.32 BERT PETERSEN 03	1:10.64 Dren Geer 70	1:33.45 Stan McConnell 73	4:01.44 Sam Chilton 70
1:23.72 Ernie Leskovitz 68	1:13.46 Larry A Good 70	1:35.83 Bob Maul 70	4:14.51 Gordon Gillin 74
1:27.70 A Emory Haworth 68	1:14.00 Graham M Johnston 73	200 M. BACKSTROKE	4:15.93 Tom Mitchell 71
1:27.97 Jim E Perilman 65	1:14.35 Wilhelm Rauch 70	2:51.24 BURWELL JONES 03	4:23.98 H Donald J Messer 73
1:34.52 Barry A Fasbender 67	1:14.53 Alan Rapperport 71	2:51.90 Burwell Jones 71	4:53.28 John J Huson 70
1:34.56 Robert Williams 65	1:15.75 Robert W Mayo 71	3:10.69 Yoshi Oyakawa 71	5:03.54 William Grohe 71
1:37.85 Robert Fox 67	1:16.06 Donald Baker 73	3:11.72 Graham Johnston 73	5:29.35 Alister Murray 71
1:39.45 Jerry Marchbanks 69	1:19.31 Arnie Green 72	3:12.51 Alan Rapperport 71	5:38.16 Tom Foley 70
1:40.84 Jack Fleming 69	200 M. FREESTYLE	3:16.92 George Gfroerer 71	100 M. INDIVIDUAL MEDLEY
1:41.03 Harold Tauscher 67	2:24.31 GRAHAM JOHNSTON 01	3:20.01 Robert W Mayo 71	1:15.92 RONALD JOHNSON 01
1:49.03 Tim Trowbridge 65	2:30.27 Burwell Jones 71	3:22.69 Stan McConnell 73	1:18.37 Burwell Jones 71
200 M. BUTTERFLY	2:30.60 David Radcliff 70	3:31.41 Mike Milliman 70	1:22.09 David Radcliff 70
3:06.43 RON JOHNSON 96	2:37.06 Dren Geer 70	3:38.25 Paul J Kiell 74	1:24.89 John Kortheuer 73
3:35.95 Barry A Fasbender 67	2:40.26 Graham M Johnston 73	3:45.03 Ken Kimball 74	1:25.20 Bob Best 72
3:40.86 Joe Bolze 65	2:46.53 Wilhelm Rauch 70	50 M. BREASTSTROKE	1:25.28 Larry Good 70
3:41.66 William Crowley 65	2:47.84 Wally Dobler 70	37.71 MANUEL SANGUILY 04	1:25.31 Wally Dobler 70
3:43.05 Jim Perilman 65	2:50.78 Bob Best 72	37.71 Manuel Sanguily 71	1:28.61 William Lauer 70
3:43.06 Robert Williams 65	2:55.33 Robert W Mayo 71	41.31 Burwell Jones 71	1:28.88 Alan Rapperport 71
3:45.82 Robert Fox 67	2:58.76 Dick Chisholm 70	42.02 Bob Best 72	1:31.41 George Gfroerer 71
3:56.61 Jerry Marchbanks 69	3:02.05 Arnie Green 72	42.48 Bob Patten 70	1:31.93 Donald Baker 73
4:00.11 Jack Fleming 69	400 M. FREESTYLE	42.88 J Van Landingham 71	200 M. INDIVIDUAL MEDLEY
4:06.39 Edward C Morgan 65	5:09.75 GRAHAM JOHNSTON 02	42.96 Donald Baker 73	2:51.73 BURWELL JONES 03
4:27.07 James Browne 66	5:24.41 Burwell Jones 71	43.03 Norman Stupfel 72	3:00.27 Burwell Jones 71
100 M. INDIVIDUAL MEDLEY	5:25.28 David Radcliff 70	43.43 Stan F Morner 70	3:08.78 Larry A Good 70
1:12.51 JEFF FARRELL 02	5:37.98 Graham M Johnston 73	44.19 Milton Marks 74	3:09.86 Wally Dobler 70
1:15.18 Jeff Farrell 67	5:48.78 Dren Geer 70	45.67 Myron Lockey 73	3:16.24 Graham M Johnston 73
1:21.07 Ronald Nakata 65	6:00.69 Wilhelm Rauch 70	100 M. BREASTSTROKE	3:16.57 Bob Best 72
1:23.72 Bela Sandor 69	6:01.95 Larry A Good 70	1:25.11 RONALD JOHNSON 03	3:24.24 William Lauer 70
1:24.20 David McIntyre 67	6:03.31 Alan Rapperport 71	1:27.25 Bob Patten 70	3:38.70 Donald Baker 73
1:26.27 Dick Peterson 67	6:13.31 Wally Dobler 70	1:28.61 Manuel Sanguily 71	3:41.78 Norman Stupfel 72
1:26.46 A Emory Haworth 68	6:15.15 Bob Best 72	1:35.81 Larry A Good 70	3:41.84 C Weatherbee 72
1:29.24 Ernie Leskovitz 68	6:15.40 William Lauer 70	1:37.14 J Van Landingham 71	3:42.04 Tom Mitchell 71
1:29.26 Barry A Fasbender 67	800 M. FREESTYLE	1:37.68 Bob Best 72	400 M. INDIVIDUAL MEDLEY

2004 Short-Course Meters - Top-Ten Individuals

6:21.46 BURWELL JONES 03	28:15.67 W Morgan Byers 77	4:41.55 Lee Arth 79	42.48 Gilbert Young 82
6:31.79 Burwell Jones 71	28:31.04 Lee Arth 79	6:04.18 Hal Soloman 77	43.24 Richard Avery 81
6:46.14 Larry A Good 70	28:56.38 Wayne Clegern 75	50 M. BUTTERFLY 00	49.35 Tom Mc Call 82
6:56.70 Bob Best 72	29:48.06 Jordan Wollle 76	34.83 FRANK PIEMME 00	50.30 Rupert Fixott 83
6:59.90 Graham M Johnston 73	30:07.58 Fred W Trask 77	39.51 Frank Piemme 79	53.11 Elmer A Frost 81
7:14.73 William Lauer 70	31:09.47 Robert Stricker 76	41.62 Hal C Begel 75	100 M. FREESTYLE
7:17.76 Dren Geer 70	31:31.15 Don L Stupfel 76	41.66 Dick Webber 75	1:20.65 WOODROW BOWERSOCK 93
7:39.77 Tom Mitchell 71	31:40.15 Fred H Goldner 78	43.29 Duane Draves 78	1:25.05 Jurgen Schmidt 81
7:42.74 C Weatherbee 72	50 M. BACKSTROKE	46.08 Donald Hubbard 77	1:29.61 Robert Blake 80
7:51.02 John F Sulzbach 70	38.38 PAUL HUTINGER 99	48.31 Bill Payne 75	1:34.67 Gilbert Young 82
8:08.86 Norman Stupfel 72	40.93 Horace Knowlton 75	48.77 Thomas Maine 79	1:38.94 Robert Sigersmith 80
	42.18 Frank Piemme 79	48.93 Jack Mitchell 77	1:46.04 Andrew Weiss 83
MEN 75-79			
	43.71 Dale Webster 78	50.01 Dale Webster 78	1:50.48 Richard Avery 81
	43.78 Duane Draves 78	50.30 Luman Sutton 77	1:57.63 Tom Mc Call 82
	47.72 Jack Mitchell 77	100 M. BUTTERFLY	1:59.84 Edward Swiecki 81
50 M. FREESTYLE	48.00 Don Stupfel 76	1:35.41 FRANK PIEMME 00	2:05.23 Robert Perry 81
31.06 FRANK PIEMME 01	50.16 Biff Lowry 77	1:42.24 Thomas Maine 79	2:08.86 Charles Bushey 83
32.94 Frank Piemme 79	51.27 John Reese 79	1:47.73 Frank Piemme 79	3:00.63 RAY TAFT 99
34.11 Hal C Begel 75	52.29 Luman Sutton 77	2:08.29 Donald Hubbard 77	3:14.12 Jurgen Schmidt 81
34.34 Dick Webber 75	52.95 Robert Williams 77	2:18.75 Gene Sapper 75	3:23.78 James K Edwards 82
35.59 Dale Webster 78	100 M. BACKSTROKE	2:25.61 Art Kelley 79	3:25.53 Robert Blake 80
36.04 Donald Hubbard 77	1:25.13 PAUL HUTINGER 00	2:50.44 Lou Silverstein 78	3:41.70 Gilbert Young 82
38.15 Wayne Clegern 75	1:28.03 Horace Knowlton 75	3:31.32 Doug Strong 79	3:46.04 Robert Sigersmith 80
39.21 Don Stupfel 76	1:34.87 Duane Draves 78	4:07.14 Andrew Pretzer 76	4:08.80 Tom Mc Call 82
39.70 Bill Payne 75	1:39.01 Dale Webster 78	200 M. BUTTERFLY	4:28.06 Edward Swiecki 81
40.24 John Reese 79	1:46.95 Frank Piemme 79	3:39.51 TOM MAINE 02	4:44.51 Bob Doud 81
40.78 James Hart 75	1:47.45 W Morgan Byers 77	3:48.09 Len Goldstone 75	4:50.12 H Young 83
100 M. FREESTYLE	1:49.78 Biff Lowry 77	3:49.87 Thomas Maine 79	4:55.03 Elmer A Frost 81
1:11.55 FRANK PIEMME 00	1:56.64 Robert Williams 77	5:10.67 Gene Sapper 75	400 M. FREESTYLE
1:17.35 Hal C Begel 75	1:57.26 James Hart 75	5:14.46 Art Kelley 79	6:27.60 RAY TAFT 99
1:18.39 Frank Piemme 79	1:57.33 Lee Arth 79	7:14.76 Doug Strong 79	6:51.46 Jurgen Schmidt 81
1:22.85 Dale Webster 78	2:01.59 Lou Silverstein 78	7:35.69 Keith Burbridge 76	7:23.48 James K Edwards 82
1:23.83 W Morgan Byers 77	2:58.21 ROGER FRANKS 02	100 M. INDIVIDUAL MEDLEY	7:42.16 Calvin Barnes 80
1:24.32 Duane Draves 78	3:14.41 Horace Knowlton 75	1:24.42 FRANK PIEMME 00	8:05.20 Gilbert Young 82
1:27.29 Wayne Clegern 75	3:31.36 Duane Draves 78	1:32.65 Horace Knowlton 75	8:16.43 Robert Sigersmith 80
1:29.42 Bill Payne 75	3:47.13 Dale Webster 78	1:33.35 Duane Draves 78	8:58.50 Richard T Smith 84
1:31.23 Jordan Wollle 76	3:54.01 Thomas Maine 79	1:33.65 Frank Piemme 79	9:15.10 John Cranch 82
1:32.63 Charles Urstadt 76	3:58.39 Biff Lowry 77	1:36.78 Len Goldstone 75	9:40.79 Edward Swiecki 81
1:34.42 Fred W Trask 77	4:02.44 Lee Arth 79	1:40.47 Dick Webber 75	10:05.43 Robert Perry 81
200 M. FREESTYLE	4:10.04 Harvey Prosser 76	1:42.81 W Morgan Byers 77	10:25.04 H Young 83
2:47.43 FRANK PIEMME 00	4:11.65 Jack Mitchell 77	1:43.79 Dale Webster 78	800 M. FREESTYLE
2:58.33 Frank Piemme 79	4:14.49 Lou Silverstein 78	1:47.82 Thomas Maine 79	13:29.27 RAY TAFT 99
3:08.80 W Morgan Byers 77	4:19.16 James Hart 75	1:49.57 Bill Payne 75	14:13.19 Jurgen Schmidt 81
3:16.33 Harvey Prosser 76	50 M. BREASTSTROKE	1:51.43 Isaac Siskind 76	16:31.03 James K Edwards 82
3:18.80 Bill Payne 75	42.40 CHARLES URSTADT 03	200 M. INDIVIDUAL MEDLEY	16:41.68 Gilbert Young 82
3:21.48 Wayne Clegern 75	42.14 Charles J Urstadt 76NV	3:16.44 FRANK PIEMME 00	17:09.61 Jack Truby 80
3:28.81 Donald Hubbard 77	44.89 Frank Piemme 79	3:22.71 Horace Knowlton 75	18:10.45 Richard T Smith 84
3:31.24 Fred W Trask 77	46.63 Dan Gruender 75	3:31.59 Len Goldstone 75	18:13.52 Tom Mc Call 82
3:35.78 Robert Stricker 76	49.81 Morris Mathews 77	3:32.03 Frank Piemme 79	19:46.97 Charles Bushey 83
3:37.56 John Daily 77	49.83 Frederick J Hoppe 77	3:36.96 Thomas Maine 79	20:04.60 Edward Swiecki 81
3:41.55 Don Korten 78	50.18 John Reese 79	4:11.41 Don Korten 78	20:08.96 John Cranch 82
400 M. FREESTYLE	50.68 Biff Lowry 77	4:13.35 Donald J Hubbard 77	21:08.31 Zygmond Kasner 81
6:01.32 FRANK PIEMME 00	50.76 Gene Sapper 75	4:20.63 Lee Arth 79	1500 M. FREESTYLE
6:34.29 Frank Piemme 79	51.28 Donald J Hubbard 77	4:31.07 Jack Mitchell 77	25:35.01 RAY TAFT 99
7:12.57 Wayne Clegern 75	51.75 James Hart 75	4:58.88 Lou Silverstein 78	27:14.58 Jurgen Schmidt 81
7:20.24 Thomas Maine 79	1:35.87 ROBERT MACDONALD 03	5:03.99 Robert Williams 77	32:20.18 Robert Sigersmith 80
7:23.15 W Morgan Byers 77	1:40.70 Charles Urstadt 76	400 M. INDIVIDUAL MEDLEY	33:55.64 Richard T Smith 84
7:31.36 Jordan Wollle 76	1:41.10 Horace Knowlton 75	6:59.68 FRANK PIEMME 00	34:29.40 Tom Mc Call 82
7:43.45 Fred W Trask 77	1:46.38 Dan Gruender 75	7:35.36 Len Goldstone 75	37:33.48 Bob Doud 81
7:44.60 Robert Stricker 76	1:48.63 Frederick J Hoppe 77	7:44.86 Thomas Maine 79	38:34.20 John Cranch 82
7:57.82 Don L Stupfel 76	1:51.84 Morris Mathews 77	8:12.77 Frank Piemme 79	42:49.56 Fred T Rogers 81
8:10.14 Fred Goldner 78	1:53.23 Biff Lowry 77	8:41.73 Harvey Prosser 76	45:14.74 Herb Siegel 82
8:14.47 R Briesemeister 79	2:01.11 Donald Hubbard 77	9:39.38 Donald Hubbard 77	46:50.57 Joseph Mallon 83
800 M. FREESTYLE	2:01.76 Gene Sapper 75	9:59.18 Art Kelley 79	50 M. BACKSTROKE
12:13.28 FRANK PIEMME 00	2:03.49 Don Korten 78	10:26.08 Lou Silverstein 78	41.58 PAUL HUTINGER 04
14:53.66 Thomas Maine 79	2:05.15 Lee Arth 79	12:35.95 Keith Burbridge 76	41.58 Paul Hutinger 80
15:02.35 W Morgan Byers 77	200 M. BREASTSTROKE	12:39.46 Doug Strong 79	48.06 Jack Truby 80
15:16.93 Donald Hubbard 77	3:29.54 AL CRAIG 03	MEN 80-84	
15:24.96 Wayne Clegern 75	3:58.33 Thomas Maine 79	50 M. FREESTYLE	
15:34.86 Jordan Wollle 76	4:00.45 Charles J Urstadt 76	35.16 WOODROW BOWERSOCK 93	
16:03.49 Fred W Trask 77	4:04.49 Dan Gruender 75	37.81 Paul Hutinger 80	
16:21.63 Fred Goldner 78	4:05.79 Morris Mathews 77	38.55 Jurgen Schmidt 81	
16:23.60 Don L Stupfel 76	4:07.39 Biff Lowry 77	39.41 Robert Sigersmith 80	
17:45.12 Biff Lowry 77	4:21.49 Donald J Hubbard 77	41.90 Gaetano Pavone 82	
17:58.88 Lou Silverstein 78	4:37.11 Harvey Prosser 76	42.06 Robert Blake 80	
1500 M. FREESTYLE	4:40.67 Gene Sapper 75	1:05.96 Rupert Fixott 83	
24:22.70 FRANK PIEMME 00		100 M. BACKSTROKE	
26:53.03 Harvey Prosser 76		1:33.27 PAUL HUTINGER 04	
28:04.77 Thomas Maine 79			

2004 Short-Course Meters - Top-Ten Individuals

1:33.27 Paul Hutinger 80	1:43.06 Paul Hutinger 80	2:27.79 John White 88	• 100 M. BACKSTROKE
1:48.83 Jack Truby 80	1:47.15 Jurgen Schmidt 81	2:48.24 William Johnston 86	2:06.00 WOODROW BOWERSOCK 03
1:52.57 Gaetano Pavone 82	2:10.23 Tom Mc Call 82	• 200 M. BACKSTROKE	2:16.04 Woody Bowersock 91
1:54.58 Jurgen Schmidt 81	2:30.13 Rupert Fixott 83	4:00.80 ALDO DA ROSA 02	2:31.93 Jim Triolo 90
2:04.35 John Cranch 82	2:37.28 Ted Simon 82	5:03.22 John White 88	• 200 M. BACKSTROKE
2:04.72 Richard Avery 81	3:42.60 Dan McNeil 81	5:08.23 Tom Haver 86	4:47.45 WOODROW BOWERSOCK 03
2:11.14 Norman D Garsoe 81	• 200 M. INDIVIDUAL MEDLEY	5:10.44 Fred Holdrege 87	5:18.95 Jim Triolo 90
2:15.73 Walter Lynch 83	3:37.04 RAY TAFT 99	5:54.83 William Johnson 86	• 50 M. BREASTSTROKE
2:16.85 Tom Mc Call 82	4:13.15 Jurgen Schmidt 81	• 50 M. BREASTSTROKE	1:07.22 JIM PENFIELD 98
2:33.18 Rupert Fixott 83	4:50.21 Tom Mc Call 82	50.99 PAUL KRUP 02	NO SWIMMERS
• 200 M. BACKSTROKE	5:44.28 Bob Doud 81	51.54 Max Von Isser 85	• 100 M. BREASTSTROKE
3:23.73 RAY TAFT 99	5:58.31 Richard Evans 80	53.82 Paul Krup 87	2:45.20 JIM PENFIELD 98
3:39.12 Paul Hutinger 80	6:17.30 Vladimir Ouchakof 81	58.91 Andrew Holden 85	NO SWIMMERS
4:00.80 Jack Truby 80	7:37.65 Dan McNeil 81	• 100 M. BREASTSTROKE	• 200 M. BREASTSTROKE
4:05.66 Gaetano Pavone 82	• 400 M. INDIVIDUAL MEDLEY	1:56.21 ALDO DA ROSA 02	5:58.17 WALTER PFEIFFER 03
4:06.08 James K Edwards 82	7:37.58 RAY TAFT 99	2:03.83 Max Von Isser 85	NO SWIMMERS
4:18.33 Jurgen Schmidt 81	8:47.65 Jurgen Schmidt 81	2:10.67 Paul Krup 87	• 50 M. BUTTERFLY
4:25.99 John Cranch 82	12:57.50 Richard Evans 80	2:30.02 William Johnston 86	56.09 WALTER PFEIFFER 03
4:30.02 George F Melick 80	15:59.21 Dan McNeil 81	• 200 M. BREASTSTROKE	NO SWIMMERS
4:35.66 Richard Avery 81	17:51.85 T Johnson 82	4:16.20 ALDO DA ROSA 02	• 100 M. BUTTERFLY
4:40.15 Norman D Garsoe 81		5:00.00 Bud Jackson 85	2:21.82 WALTER PFEIFFER 03
6:01.62 Vladimir Ouchakof 81	MEN 85-89	5:43.10 William Johnson 86	NO SWIMMERS
• 50 M. BREASTSTROKE		• 50 M. BUTTERFLY	• 200 M. BUTTERFLY
45.40 MAX VON ISSER 99	• 50 M. FREESTYLE	43.35 MAX VON ISSER 04	5:37.23 WALTER PFEIFFER 03
45.63 Barton Greenberg 80	36.61 JIM EUBANK 00	43.35 Max Von Isser 85	NO SWIMMERS
50.21 Paul Hutinger 80	37.85 Andrew Holden 85	47.89 Andrew Holden 85	• 100 M. INDIVIDUAL MEDLEY
52.32 Tom F Dowell 82	42.51 William Johnston 86	53.00 Paul Krup 87	2:14.23 WALTER PFEIFFER 03
53.96 Xingkang Cao 80	43.26 Steve Carlson 85	1:04.75 William Johnston 86	NO SWIMMERS
55.84 George F Melick 80	50.87 Lynn Surles 87	• 100 M. BUTTERFLY	• 200 M. INDIVIDUAL MEDLEY
57.79 Walter Lynch 83	55.60 Tom Haver 86	2:01.65 ANDREW HOLDEN 04	5:13.24 WALTER PFEIFFER 03
57.94 Richard Avery 81	1:06.47 Maurice Stern 88	2:01.65 Andrew Holden 85	NO SWIMMERS
1:01.48 Norman D Garsoe 81	1:14.89 William McCarthy 87	2:45.54 William Johnston 86	• 400 M. INDIVIDUAL MEDLEY
1:02.10 Tom Mc Call 82	• 100 M. FREESTYLE	• 200 M. BUTTERFLY	11:15.65 WALTER PFEIFFER 03
1:09.78 Ted Simon 82	1:23.20 JIM EUBANK 00	4:49.10 WALTER PFEIFFER 98	NO SWIMMERS
• 100 M. BREASTSTROKE	1:38.75 Steve Carlson 85	6:52.38 William Johnson 86	
1:43.54 MAX VON ISSER 99	1:48.84 William Johnston 86	• 100 M. INDIVIDUAL MEDLEY	MEN 95-99
1:45.51 Barton Greenberg 80	2:04.23 Lynn Surles 87	1:48.23 ANDREW HOLDEN 04	• 50 M. FREESTYLE
2:05.10 Xingkang Cao 80	2:13.88 Tom Haver 86	1:48.23 Andrew Holden 85	57.57 GUS LANGNER 98
2:10.05 George F Melick 80	2:27.30 Maurice Stern 88	1:55.35 Max Von Isser 85	NO SWIMMERS
2:10.59 Tom F Dowell 82	3:04.68 William McCarthy 87	2:10.21 Paul Krup 87	• 100 M. FREESTYLE
2:14.37 Norman D Garsoe 81	3:05.16 John Woods 86	2:13.11 William Johnson 86	2:19.51 GUS LANGNER 98
2:18.75 Richard Avery 81	• 200 M. FREESTYLE	• 200 M. INDIVIDUAL MEDLEY	NO SWIMMERS
2:19.83 Tom Mc Call 82	3:13.45 JIM EUBANK 00	4:07.59 ALDO DA ROSA 02	• 200 M. FREESTYLE
2:22.99 Walter A Lynch 83	3:46.07 Steve Carlson 85	4:19.20 Andrew Holden 85	5:13.46 GUS LANGNER 98
2:35.75 Rupert Fixott 83	4:22.51 William Johnston 86	5:35.45 William Johnston 86	NO SWIMMERS
2:37.26 Ted Simon 82	4:49.85 Lynn Surles 87	• 400 M. INDIVIDUAL MEDLEY	• 400 M. FREESTYLE
• 200 M. BREASTSTROKE	5:05.10 Tom Haver 86	9:32.65 WALTER PFEIFFER 98	10:51.93 GUS LANGNER 98
3:58.96 ALDO DA ROSA 98	5:10.44 Fred Holdrege 87	9:36.09 Andrew Holden 85	NO SWIMMERS
4:48.15 Norman D Garsoe 81	7:02.65 William McCarthy 87		• 800 M. FREESTYLE
4:55.03 Tom Mc Call 82	• 400 M. FREESTYLE		22:05.55 GUS LANGNER 98
5:03.85 George F Melick 80	7:19.94 JIM EUBANK 00		NO SWIMMERS
5:04.84 Richard Avery 81	8:13.18 Steve Carlson 85	• 50 M. FREESTYLE	• 1500 M. FREESTYLE
5:09.82 Tom F Dowell 82	9:26.93 Bud Jackson 85	41.07 WOODROW BOWERSOCK 03	41:29.87 GUS LANGNER 98
5:17.49 Walter Lynch 83	10:34.45 William Johnston 86	43.01 Woody Bowersock 91	NO SWIMMERS
7:49.48 Dan McNeil 81	10:43.68 Lynn Surles 87	56.87 L Crossett 91	• 50 M. BACKSTROKE
10:04.43 T Johnson 82	14:07.72 William McCarthy 87	• 100 M. FREESTYLE	1:27.67 GUS LANGNER 98
• 50 M. BUTTERFLY	• 800 M. FREESTYLE	1:39.26 WOODROW BOWERSOCK 03	NO SWIMMERS
41.87 ANDREW HOLDEN 99	15:15.68 JIM EUBANK 00	2:09.34 Jim Triolo 90	• 100 M. BACKSTROKE
50.80 Paul Hutinger 80	19:30.91 Bud Jackson 85	2:12.98 L Crossett 91	3:38.07 GUS LANGNER 98
55.71 Jurgen Schmidt 81	19:59.95 William Johnston 86	• 200 M. FREESTYLE	NO SWIMMERS
1:03.53 Tom Mc Call 82	21:52.33 Lynn Surles 87	3:59.28 WOODROW BOWERSOCK 03	• 200 M. BACKSTROKE
1:20.27 Richard Evans 80	• 1500 M. FREESTYLE	4:49.27 Woody Bowersock 91	8:32.34 GUS LANGNER 98
1:47.81 Vladimir Ouchakof 81	29:55.69 JIM EUBANK 00	4:49.62 Jim Triolo 90	NO SWIMMERS
• 100 M. BUTTERFLY	35:02.69 Austin Newman 89	5:07.21 L Crossett 91	• 50 M. BREASTSTROKE
1:50.39 ANTON CERER 97	38:31.76 William Johnston 86	• 400 M. FREESTYLE	1:31.60 GUS LANGNER 98
2:23.53 Jurgen Schmidt 81	41:35.46 Lynn Surles 87	8:50.65 GUS LANGNER 93	NO SWIMMERS
2:25.50 Tom Mc Call 82	• 50 M. BACKSTROKE	9:47.46 Jim Triolo 90	• 100 M. BREASTSTROKE
2:41.53 Bob Doud 81	47.34 ALDO DA ROSA 02	10:26.52 L Crossett 91	3:35.33 GUS LANGNER 98
2:55.80 Richard Evans 80	49.24 Andrew Holden 85	• 800 M. FREESTYLE	NO SWIMMERS
3:54.28 Vladimir Ouchakof 81	54.72 Steve Carlson 85	19:31.83 WOODROW BOWERSOCK 03	• 200 M. BREASTSTROKE
4:27.72 T Johnson 82	56.11 Tom Haver 86	NO SWIMMERS	7:29.31 GUS LANGNER 98
• 200 M. BUTTERFLY	1:01.39 Fred Holdrege 87	• 1500 M. FREESTYLE	NO SWIMMERS
4:00.64 ANTON CERER 97	1:05.35 John White 88	39:33.78 WOODROW BOWERSOCK 04	• 100 M. INDIVIDUAL MEDLEY
6:52.08 Richard Evans 80	1:09.19 William Johnston 86	39:33.78 Woody Bowersock 91	3:33.98 GUS LANGNER 98
8:43.89 Vladimir Ouchakof 81	• 100 M. BACKSTROKE	• 50 M. BACKSTROKE	NO SWIMMERS
11:06.67 Dan McNeil 81	1:48.79 ALDO DA ROSA 02	59.12 WOODROW BOWERSOCK 03	
• 100 M. INDIVIDUAL MEDLEY	2:14.63 Tom Haver 86	1:02.38 Woody Bowersock 91	
1:35.31 RAY TAFT 99	2:22.22 Fred Holdrege 87	1:06.29 Jim Triolo 90	MEN 100-104

2004 Short-Course Meters - Top-Ten Individuals

▪ 50 M. FREESTYLE	
2:06.66 TOM LANE	95
NO SWIMMERS	
▪ 100 M. FREESTYLE	
4:32.29 TOM LANE	95
NO SWIMMERS	
▪ 50 M. BACKSTROKE	
2:02.52 TOM LANE	95
NO SWIMMERS	

2004 Short-Course Meters - Top-Ten Relays

WOMEN'S RELAYS			
200 M. FREE REL WOMEN 76+			
NEW ENGLAND 1:54.83 99			
CORINNE MURPHY LESLIE ALLEN MICHELLE HACKMER S STRINGFELLOW			
METR 1:58.74			
Megan Griffis 25 Katherine Fay 22 Sandy Endo 27 Erin Abbey 23			
ARIZ 2:00.42			
Camilla Johansson 30 Sarah Salazar 20 Whitney Warman 21 Robin Watson 25			
NEM 2:05.00			
Amanda Bloom 22 Rebekah L Lorenz 24 Jennifer Downing 26 Mindy Williams 23			
METR 2:12.81			
Allison Martin 24 Angela Cartnal 23 Jacqueline Reiter 24 Bonnie Schwartz 25			
200 M. MEDLEY R WOMEN 76+			
NEW ENGLAND 2:09.67 99			
KATHERINE VEAZEY ELIZABETH BOEHM S STRINGFELLOW LESLIE ALLEN			
NEM 2:28.01			
Jane Humphries 23 Elizabeth L Lazar 24 Rebekah L Lorenz 24 Amanda Bloom 22			
400 M. FREE REL WOMEN 76+			
NEW ENGLAND 4:14.74 99			
S STRINGFELLOW LESLIE ALLEN MICHELLE HACKMER CORINNE MURPHY			
NEM 4:22.87			
Amanda Bloom 22 Rebekah L Lorenz 24 Jenny L Mooney 27 Jane Humphries 23			
SWIM KENTUCKY 5:17.05			
Rachael Breunig 19 Lindsey Gutmann 20 Laura Kraemer 19 Pamela Luebbe 41			
400 M. MEDLEY R WOMEN 76+			
TERRAPIN 4:46.62 04			
LILLIAN HNATH KELLY BOWMAN JENNIFER TEERLINK MEREDITH STAKEM			
METR 4:42.04NV			
Katherine Fay 22 Megan Griffis 25 Sandy Endo 27 Erin Abbey 23			
TERR 4:46.62			
Lillian Hnath 21			
800 M. FREE REL WOMEN 76+			
TERRAPIN 9:11.28 04			
KELLY BOWMAN MEREDITH STAKEM LILLIAN HNATH JENNIFER TEERLINK			
TERR 9:11.28			
Kelly E Bowman 24 Meredith A Stakem 23 Lillian Hnath 21 Jennifer Teerlink 25			
SWIM KENTUCKY 11:44.74			
Rachael Breunig 19 Laura Kraemer 19 Lindsey Gutmann 20 Bobbi Quesenberry 37			
200 M. FREE REL WOMEN 100+			
MICHIGAN 1:45.93 96			
DYNE BURRELL SUSIE DEVLIN MARY MUETING SHEILA TAORMINA			
FACT 2:00.02			
Linda Visser 34 Niki Downs 27 Kathy Marques 38 Danielle Lavette 19			
UCLA 2:01.91			
Janice Yung 28 Kathy L Glaser 23 Heather V Shannon 43 Tanya Petrossian 21			
SKY 2:03.61			
Katie O'Brien 26 Alexandra Nieto 32 Leslie Weeter 27 Sarah Beltrame 26			
ARIZ 2:03.79			
Kristi Aceto 25 April Beltran 24 Jackie Hurley 23 Meg Beutler 38			
GSM 2:11.39			
Jacquelin Gephart 25 Justine Schramke 25 Kaitlin Small 30 Jennifer Harnett 33			
NCYM 2:15.79			
Stephanie A Smith 27 Phoebe E Scheel 27 Rachel J Herr 32 Gwen B Arnold 23			
EXCL 2:17.64			
Dee Davis 38 Melinda Hyatt 31 Stephani Williams 26 Rebecca Daniel 22			
FINM 2:26.62			
Ashley Sutcliffe 21 Susan D Connell 28 Kristin Y Fooshee 27 Karen E Groce 24			
GBM 2:44.64			
Tarsha R Pageau 23 Nancy Shedrick 39 Erika Hatalski 23 Rachel E Cilley 21			
200 M. MEDLEY R WOMEN 100+			
SAN DIEGO 2:05.66 95			
Kelly E Bowman 24 Jennifer Teerlink 25 Meredith A Stakem 23			
VICKY DAVIDSON MATHILDE BOUWMA K PIPES-NEILSEN D MORTENSEN			
NEM 2:21.13			
Ellen D Spacek 28 Sarah E Bohannon 25 Brandy N Hugo 32 Alexis B Ross 25			
SKY 2:24.21			
Katie O'Brien 26 Leslie Weeter 27 Alexandra Nieto 32 Sarah Beltrame 26			
GSM 2:29.56			
Jacquelin Gephart 25 Jennifer Harnett 33 Kaitlin Small 30 Justine Schramke 25			
EXCL 2:35.93			
Stephani Williams 26 Dee Davis 38 Rebecca Daniel 22 Melinda Hyatt 31			
SWOM 3:06.95			
Karen Buffington 32 Sandra Trott 32 Krista G Marchand 28 Ashley D O'Hara 27			
LBG 3:17.48			
Jana Schuldt 27 Lisa Kijak 33 Jacqueline Cole 24 Morgan Taylor 21			
GBM 3:20.96			
Erika T Hatalski 23 Mary Susan Smith 46 Tarsha R Pageau 23 Nicole DiManno 19			
400 M. FREE REL WOMEN 100+			
NEW ENGLAND 4:09.10 01			
AMY DEVITO EMILY WANG JESSICA STOKES S MORAWSKI			
NEM 4:28.95			
Brandy N Hugo 32 Alexis B Ross 25 Ellen D Spacek 28 Meredith P Gilson 33			
WMAC 4:39.08			
Mindy Seidler 25 Aimee Arnoldussen 28 Cathy Chappell 22 Sara Allen 29			
METR 4:59.95			
Allison Martin 24 Amanda Eckler 28 S Vilassakdanont 26 Michelle Lemay 32			
METR 5:12.37			
Sandy Endo 27 Julie Potier 27 Lana Hower 30 Angela Cartnal 23			
SWOM 6:04.39			
Krista G Marchand 28 Sandra Trott 32 Karen Buffington 32 Ashley D O'Hara 27			
GBM 6:25.51			
Erika T Hatalski 23 Mary Susan Smith 46 Tarsha R Pageau 23 Nicole DiManno 19			
400 M. MEDLEY R WOMEN 100+			
SAN DIEGO 4:41.95 97			
ALISON TERRY K PIPES-NEILSEN NANCY NORTH DIANE GLEASON			
NEM 5:02.33			
Meredith P Gilson 33 Ellen D Spacek 28 Brandy N Hugo 32 Alexis B Ross 25			
NEM 5:06.12			
Branka Sustic 26 Kerry Savage 28 Mindy Williams 23 Lauren Erb 25			
EXCL 5:30.20			
Melinda Hyatt 31 Stephani Williams 26 Ashley Whitney 25 Rebecca Daniel 22			
800 M. FREE REL WOMEN 100+			
SAN DIEGO 9:16.40 95			
VICKY DAVIDSON DIANNE GLEASON MATHILDE BOUWMA NANCY NORTH			
SWIM KENTUCKY 9:57.68			
Leslie Weeter 27 Katie O'Brien 26 Beth Hoyle 33 Lauren Minto 28			
EXCL 10:15.39			
Heather Rietz 36 Stephani Williams 26 Rebecca Daniel 22 Ashley Whitney 25			
BMW 12:14.64			
Kimberlee Shults 31 Katherine Evans 33 Dawn Kalmar 27 Victoria Murphy 26			
200 M. FREE REL WOMEN 120+			
SAN DIEGO 1:53.26 96			
K PIPES-NEILSEN BETH KNIGHT MATHILDE BOUWMA NANCY NORTH			
ARIZ 2:01.37			
Louise Keogh 35 Laura Von Gluck 34 Tere Derbez 32 Evie Lynch 52			
UCLA 2:03.29			
Laurie Dodd 32 Christie Ciraulo 51 Dianna Oliver 22 Heather Shannon 43			
BMW 2:07.13			
Katie M Comfort 28 Karin Skaggs 32 Kristin Hentschel 31 Traci Kreppel 33			
NCMS 2:08.69			
Cynthia Nagle 26 Cathy Culton 39 Pamela Lindroos 38 Elizabeth Nowak 41			
NAST 2:09.18			
Daniel Denniston 26 Raena A Latina 33 Syd R Latina 30 Beth Schubert 40			

2004 Short-Course Meters - Top-Ten Relays

<p>NEM 2:09.45 Melanie L Widoff 35 Kirsten Thompson 39 Meredith P Gilson 33 Amy V Skrobis 39</p> <p>METR 2:12.22 Colleen Alderson 33 S Vilassakdanont 26 Julie Potier 27 Eileen Loveless 38</p> <p>MVN 2:12.33 Leslie Hovsepian 22 Jennie Batcheller 36 Connie Barrett 35 Tami Engel 41</p> <p>ISF 2:13.28 Jennifer Bumps 26 Kris Houchens 37 Susie Shuck 39 Jennifer Zimmer 27</p> <p>LMST 2:15.04 Mary M Helm 38 Kristi Herrera 34 Mare-C Belangher 30 Ashley LaSalle 29</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>SWOM 2:22.75 Bevin Keen 27 Krista Marchand 28 M Pujalet-Devitt 47 Ashley O'Hara 27</p> <p>ISF 2:25.99 Kris Houchens 37 Susie Shuck 39 Glenna Asmus 25 Courtney Bell 25</p> <p>PNA 2:27.20 Linda Hegeberg 34 Brooke Penaluna 26 Megan Bussart 34 Mary Meyer 30</p> <p>NCMS 2:27.75 Elizabeth Nowak 41 Cynthia Nagle 26 Pamela Lindroos 38 Cathy Culton 39</p> <p>NEM 2:35.84 Meredith P Gilson 33 Edith A Gardner 33 Melanie L Widoff 35 Kathy T Licata 39</p> <p>GBM 2:36.02 Amanda Telford 35 Brandy L Brown 31 Carol L Prescott 35 Gail H Pentheny 42</p> <p>AKMS 2:37.84 Kate McGlone 23 Samantha Wuttig 34 Nan Werdin 33 Alison Meadow 31</p> <p>NEM 2:41.61 Marion A Dorer 32 Jennifer Jerit 34 Lisa Natkin 33 Elizabeth M Lowe 28</p> <p>SWIM KENTUCKY 2:41.68 Susan Ehringer 36 Michelle Ward 36 Kelly Gray 36 Nancy McElwain 38</p>	<p>GBM 2:44.06 JoAnn L Fryer 35 Jana Slezak 39 Sarah S Downey 35 Heidi C Duehmig 32</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>METR 4:33.79 Colleen Alderson 33 Eileen Loveless 38 Laura Alonso 33 Meghan Hast 29</p> <p>HSAM 4:49.01 Nancy North 36 Cindy Clarke 29 Alyssa Coe 31 Christine Gajoli 25</p> <p>NEM 4:54.43 Branka Sustic 26 Jennifer Jerit 34 Edie Jirak 49 Elizabeth M Lowe 28</p> <p>UCLA 4:58.30 Laurie Dodd 32 Heather Shannon 43 Julia Voitovitsch 28 Christie Ciraulo 51</p> <p>LBG 5:01.71 Patricia Powers 47 Morgan Taylor 21 Vicki Roberts 41 Jacqueline Cole 24</p> <p>NEM 5:14.02 Karen J Smyers 43 Amy V Skrobis 39 Kate Lamanna 30 Edith A Gardner 33</p> <p>NAST 5:19.00 Daniel Denniston 26 Raena A Latina 33 Syd R Latina 30 Beth Schubert 40</p> <p>GBM 5:21.45 JoAnn L Fryer 35 Brandy L Brown 31 Carol L Prescott 35 Gail H Pentheny 42</p> <p>MICH 5:31.76 Tanya Hart 33 Kathleen Swalwell 41 Jaime Strauch 27 Monica Tory 32</p> <p>NEM 5:37.07 Kim M Donovan 41 Kimberly F Quirk 44 Kathy Berlinger 31 Kendra McDowell 33</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>NAST 5:15.31 Daniel Denniston 26 Leigh Rasmussen 25 Syd R Latina 30 Beth Schubert 40</p> <p>SWIM KENTUCKY 5:15.92 Lauren Minto 28</p>	<p>Leslie Weeter 27 Amy Pope 44 Katie O'Brien 26 WCM 5:18.09 Debbie Santos 36 Karen Duggan 34 Kelly Christensen 32 Heidi Schwarck 25 UCLA 5:21.89 Christie Ciraulo 51 Judith Nakamatsu 37 Julia Voitovitsch 28 Heather Shannon 43 HSAM 5:24.27 Emily A Nicolson 20 S Lovell-Hampton 38 Nancy A North 36 Alyssa B Coe 31 BMW 5:28.15 Karin J Skaggs 32 Traci Kreppel 33 Katie Comfort 28 Kimberlee Shults 31 MVN 5:39.77 Tami Engel 41 Gwen Uthus 50 Leslie Hovsepian 22 Jennie Batcheller 36 MICH 5:41.63 Anne Curzan 35 Bethany Williston 33 Alexis Marcarello 29 Jennifer Mayman 28 NEM 5:43.35 Amy V Skrobis 39 Sarah E Bohannon 25 Melanie L Widoff 35 Kirsten Thompson 39 SWIM KENTUCKY 5:51.75 Susan Ehringer 36 Robin Segnitz 37 Michelle Ward 36 Beth Hoyle 33</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>LBG 11:06.61 Patricia Powers 47 Vicki Roberts 41 Jacqueline Cole 24 Morgan Taylor 21 HSAM 11:06.77 Nancy North 36 Erin Page 38 Christine Gajoli 25 Alyssa Coe 31 MOVY 12:00.66 Anna Lea Roof 43 Shari Harden 37 Lynette Washburn 41 Lisa Elsener 35</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>MELO 2:03.10 Jana Matena 42 Tasha Capen 38 Karen Parks 38</p>	<p>Barbara Breen 46 NEM 2:03.32 Karen M Mareb 46 Missie Bankes 39 Michele M Roy 40 Michele Fox 35 WCM 2:05.68 Patty Landers 48 Kara Gray 39 Charlene O'Brien 48 Kelly Christensen 32 MVN 2:15.55 Lisa Augerson 41 Melinda Mc Clure 33 Gwen Uthus 50 M Williams-Dalgar 37 ES 2:17.81 Aimee Shuey 34 Tracy O Phillips 29 Janice P Campbell 58 Fay V Lachney 43 UCLA 2:20.08 Vicki Serianni 53 Lisa Lasarenko 39 Judith Nakamatsu 37 Marcy Wallace 47 FINM 2:22.01 Carol Martin 42 Kay G Haddad 52 Nancy D Gravel 46 Beth A Donahue 34 ARIZ 2:24.05 B Creswell-Liotta 42 Teresa Dozer 44 Michelle Charles 44 Kathi Lindstrom 51 NCMS 2:35.36 Cheryl Wicker 44 Stephanie London 47 Jane Satter 48 Margaret Kaminsky 35 RGSC 2:41.02 Jane Masters 52 Martha Briseno 40 Marisa Grenier 44 Alina Zea 33</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>AKMS 2:27.05 Christine Tait 39 Peggy Brannon 45 Mimi Cook 39 Monique Prozeralik 42 UCLA 2:35.15 Vicki Serianni 53 Judith Nakamatsu 37 Christie Ciraulo 51 Laurie Dodd 32 GERM 2:40.81 Brenda L Wilks 50 Amy B Cooley 48 Dyann Charette 49 Marie A Pohida 40 ES 2:44.47 Faye Lachney 43 Tracy O Phillips 29 Janice P Campbell 58 Aimee D Shuey 34 FINM 2:48.26 Carol Martin 42 Nancy D Gravel 46 Kay G Haddad 52</p>
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2004 Short-Course Meters - Top-Ten Relays

Susan S Boudreaux	50	Kris Houchens	37	Patricia Alushin	44	Susan Read	59
NEM	2:54.41	C Gettelfinger	47	Maggie Tevis	56	Ann D Stotler	40
Karen J Taylor	49	Susie Shuck	39	WMAC	2:33.29	Patricia Campbell	51
Louise Deveaux	42	Susan L Meyers	62	Janet Schultz	53		
Deb Sarro	35	MOVY	5:51.54	Candy Christenson	57	800 M. FREE REL WOMEN 200+	
Julie A Young	34	Susan J Blattner	47	Nancy Kranpitz	59	ST LOUIS	10:32.97 04
AKMS	3:06.34	Lynette Washburn	41	Cynthia Maltry	50	ARDETH MUELLER	
Dana Hyams	46	Shari Harden	37	AKMS	3:08.61	TERESA MCDOWELL	
Kris Widby	46	Kelly L Brown	45	Margret Van Flein	69	CATHERINE KOHN	
Ruth Carter	45	RHMS	5:58.31	Kimberley Maher	28	MICHELE SHINN	
Susan Ritter	46	Michelle Hartwell	40	Paula Smith	50	SLAM	10:32.97
GBM	3:11.46	Cassandra Coffee	43	Catherine Brooks	56	Ardeth Mueller	63
Ann C Richard	45	Beth Flynn	42	200 M. MEDLEY R WOMEN 200+		Teresa McDowell	54
Ann D Stotler	40	Mary Mammoser	42	OREGON	2:18.96 03	Catherine Kohn	51
Theresa M Hamer	46	GBM	6:00.97	K ANDRUS-HUGHES		Michele Shinn	36
Wendy H Brooks	37	Gail H Pentheny	42	COLLETTE CRABBE		UCLA	12:13.71
400 M. FREE REL WOMEN 160+		Julia Malloy	44	JOY WARD		Christie Ciraulo	51
SAN DIEGO	4:14.13 96	Carol L Prescott	35	JEANNE TEISHER		Vicki Seriani	53
BETH KNIGHT		Rebecca J Maloney	47	UCLA	6:02.89	Helen Geoffrion	65
BARBARA DUNBAR		Lisa Lasarenko	39	Lisa Lasarenko	39	Rory Barish	48
MARILYN FINK		Annette Buhl	47	Annette Buhl	47	O*H*I*O MASTERS	12:36.96
K PIPES-NEILSEN		Vicki Seriani	53	Vicki Seriani	53	Ann Guins	51
GERM	5:13.89	Marcy Wallace	47	Marcy Wallace	47	Susanne Tobin	49
Jennifer L Halem	33	800 M. FREE REL WOMEN 160+		Tracy L Grilli	47	Melinda Smith	52
Brenda L Wilks	50	SAN DIEGO	9:27.59 98	LBG	3:26.69	Diane Rothenberg	51
Dyann Charette	49	BETH KNIGHT		Patricia Nielson	72	200 M. FREE REL WOMEN 240+	
B Westernman Kobac	37	CAROLINE KRATTLI		Anne Jacobus	54	DC MASTERS	2:19.96 00
MOVY	5:37.21	BARBARA DUNBAR		Vicki Roberts	41	BARBARA FRID	
Anna Lea Roof	43	K PIPES-NEILSEN		Kimberly Stanford	40	BETH SCHREINER	
Susan J Blattner	47	WCM	9:56.47	ES	3:32.23	JAYNE BRUNER	
Sara T Curran	50	Patty Landers	48	Barbara Bower	66	JOANN LEILICH	
Lisa Elsener	35	Charlene O'Brien	48	Diane B Lepler	61	MICH	2:43.46
SWIM KENTUCKY	5:43.09	Debbie Swigert	49	Cecile Many	50	Sally K Guthrie	54
Debbie Utz	51	Leiann Crittenden	48	Kathleen C Lawler	35	Laura J Gogola	68
Wendy Medley	50	SWIM KENTUCKY	10:54.67	400 M. FREE REL WOMEN 200+		Lois K Nochman	80
Bobbi Quesenberry	37	Caroline Donnelly	42	GOLD	4:46.00 03	Alison G Badger	38
Teresa Walther	45	Robin Segnitz	37	PEGGY MCDONNELL		ARIZ	2:47.20
BGSU	5:54.92	Pam Martin	47	CATHY MANCINO		Christie Altman	55
Laura Leventhal	47	Amy Pope	44	ANNE LABORWIT		Joanne Menard	56
Maria Simos	41	MVM	11:15.47	CELIA DEVANNEY		Nancy Kinney	75
Dee White	37	Irene Smith	46	UCLA	6:02.19	Edie Gruender	76
Mary Sehnann	37	Cindy Fulmer	44	Rory Barish	48	MELO	2:55.74
UCLA	5:54.94	Kathy Englar	47	Laurie Stern	37	Ann Kay	70
Marcy Wallace	47	Martha Branch	45	Nancy Harding	52	Anne Long	62
J Bridget Sheehan	43	200 M. FREE REL WOMEN 200+		Renate Winkler	66	Sandy Dutro	56
Beth Hyatt	38	NEW ENGLAND	1:58.64 04	MICH	6:29.00	Edith Collin	59
Judith Nakamatsu	37	JACKI HIRSTY		Jennifer Parks	61	ES	3:02.35
NEM	5:55.88	JOEL FELDMANN		Sally Sutley	55	Barbara Bower	66
Karen J Taylor	49	K NISLEY-BLACK		Joyce Kowalski	62	Patricia F Arnold	65
Deb Sarro	35	TRACY GRILLI		Shelia King	44	Diane B Lepler	61
Louise Deveaux	42	NEM	1:58.64	METR	7:40.31	Cecile Many	50
Julie A Young	34	Jacki Hirsty	52	Songyun Kang	32	METR	3:25.23
METR	6:10.18	Joel T Feldmann	53	Joann Gutin	58	Ann Stoddard	58
Miriam Tuliao	43	K Nisley-Black	49	Anne Pratt	67	Joann Gutin	58
Lisa Gilson	40	Tracy L Grilli	47	Judith Gerrard	62	Anne Pratt	67
Kathleen Jaeger	41	UCLA	2:17.65	400 M. MEDLEY R WOMEN 200+		Judith Gerrard	62
Martha Katzeff	53	Renate Winkler	66	SAN DIEGO	5:07.75 01	200 M. MEDLEY R WOMEN 240+	
400 M. MEDLEY R WOMEN 160+		Brenda Jarmakani	57	MARILYN FINK		SAN DIEGO	2:42.88 01
SAN DIEGO	4:43.31 98	Rory Barish	48	CAROLINE KRATTLI		BETSY JORDAN	
K PIPES-NEILSEN		Kelly Thomas	29	BARBARA DUNBAR		ILONA SIKE	
CAROLINE KRATTLI		ISF	2:18.34	JEANNE LITTLE		LYNN LUND	
BARBARA DUNBAR		C Gettelfinger	47	WCM	5:23.58	JACKIE MARR	
BETH KNIGHT		Susan Murphy	44	Patty Landers	48	NO RELAYS	
NEM	5:34.58	Susan L Meyers	62	Leiann Crittenden	48	400 M. FREE REL WOMEN 240+	
Constance Sasser	58	Susan Francis	51	Charlene O'Brien	48	DC MASTERS	5:25.45 00
Jennifer Downing	26	ANCM	2:29.58	Stephanie Scott	57	JAYNE BRUNER	
Edie Jirak	49	Judy Lim-Sharpe	53	RHMS	6:23.04	BARBARA FRID	
Alice Bouvrie	56	Myriam Pero	55	Maggie Tevis	56	JOANN LEILICH	
MELO	5:39.32	Margot Pettijohn	58	Melissa Adkison	52	BETH SCHREINER	
Tasha Capen	38	Mina P Kushner	49	Felicia Eriksen	48	HSAM	6:39.82
Barbara Breen	46	RHMS	2:30.22	Patricia Alushin	44	Patty Starks	44
Barbara Jones	48	Felicia Eriksen	48	GBM	8:28.73		
Barbara Jones	48	Melissa Adkison	52	Alice C Seidel	63		
Jana Matena	42						
ISF	5:46.70						

2004 Short-Course Meters - Top-Ten Relays

<p>Carol Brodeur 57 Marlee Valderhaug 63 Nancy Reed 77</p> <p>400 M. MEDLEY R WOMEN 240+</p> <p>DC MASTERS 6:09.31 01 BARBARA FRID JOANN LEILICH JAYNE BRUNER BETH SCHREINER</p> <p>HSAM 7:34.35 Marlee Valderhaug 63 Carol Brodeur 57 Patty Starks 44 Nancy Reed 77</p> <p>800 M. FREE REL WOMEN 240+</p> <p>SAN DIEGO 12:12.73 03 BETSY JORDAN JACKIE MARR LYNNE LUND ADRIENNE PIPES</p> <p>HSAM 14:30.90 Carol Brodeur 57 Sue Brassy 57 Marlee Valderhaug 63 Marilyn Ramey 64</p> <p>SWIM KENTUCKY 16:20.86 Linda Hubbuch 59 Tracy Elton 55 Mary Jane Mullins 73 Vicki Catlin 60</p> <p>200 M. FREE REL WOMEN 280+</p> <p>ARIZONA 2:44.58 04 SALLY BOLAR NANCY KINNEY CAROL TAYLOR GAIL ROPER</p> <p>ARIZ 2:44.58 Sally Bolar 65 Nancy Kinney 75 Carol Taylor 75 Gail Roper 75</p> <p>WCM 3:18.92 Donna Monroe 71 Jean Duncan 72 Betty Mc Millan 75 Ann Hirsch 73</p> <p>WCM 4:00.65 Jae Howell 82 Dixie Germolus 77 Coralie Bidwell 78 Stephanie Scott 57</p> <p>FMM 4:05.68 Marianne Vann 72 Regan Kenner 81 Margie Hutinger 64 Jean Allen 64</p> <p>200 M. MEDLEY R WOMEN 280+</p> <p>ARIZONA 3:01.44 04 NANCY KINNEY CAROL TAYLOR GAIL ROPER SALLY BOLAR</p> <p>ARIZ 3:01.44 Nancy Kinney 75 Carol Taylor 75 Gail Roper 75 Sally Bolar 65</p> <p>MICH 4:14.72 Laura J Gogola 68 Edith S Glusac 86</p>	<p>Lois K Nochman 80 Mary F Williams 73 O'H*I*O MASTERS 5:16.50 Mary Culhane 83 Marion Drummond 73 Carol Ganzel 73 Sylvia Hill 83</p> <p>400 M. FREE REL WOMEN 280+</p> <p>FLA MAVERICK 6:10.44 02 JEAN TROY MARGARET HOMANS FLORENCE CARR PATRICIA TULLMAN</p> <p>FACT 7:07.17 Bunny Cederlund 83 Martha Henderson 68 Joan Campbell 74 Meegan Wilson 56</p> <p>MICH 8:41.75 Lois Kivi Nochman 80 Mary Williams 73 Edith Glusac 86 Laura Gogola 68</p> <p>FMM 8:47.57 Margie Hutinger 64 Marianne Vann 72 June Reynolds 82 Jean Allen 64</p> <p>400 M. MEDLEY R WOMEN 280+</p> <p>ARIZONA 6:54.56 04 NANCY KINNEY CAROL TAYLOR SALLY BOLAR GAIL ROPER</p> <p>ARIZ 6:54.56 Nancy Kinney 75 Carol Taylor 75 Sally Bolar 65 Gail Roper 75</p> <p>FACT 7:49.04 Bunny Cederlund 83 Meegan Wilson 56 Jean Sterling 68 Joan Campbell 74</p> <p>WCM 8:56.24 Betty Mc Millan 75 Ann Hirsch 73 Jean Duncan 72 Donna Monroe 71</p> <p>MICH 9:04.15 Laura J Gogola 68 Edith S Glusac 86 Sally K Guthrie 54 Mary F Williams 73</p> <p>800 M. FREE REL WOMEN 280+</p> <p>ST. LOUIS 15:49.09 91 CAROL TAYLOR DORIS PETERS EDITH HENDRY ANNALOU CARRIER</p> <p>NO RELAYS</p> <p>200 M. FREE REL WOMEN 320+</p> <p>FL MAVERICKS 3:25.71 02 JEAN TROY KAY SCHIMPF GERTRUD ZINT FLORENCE CARR</p> <p>NO RELAYS</p> <p>200 M. MEDLEY R WOMEN 320+</p>	<p>FL MAVERICKS 4:13.67 02 REGAN KENNER GERTRUD ZINT FLORENCE CARR KAY SCHIMPF</p> <p>FMM 4:35.91 Regan Kenner 81 Gertrud Zint 87 June Reynolds 82 Marianne Vann 72</p> <p>400 M. FREE REL WOMEN 320+</p> <p>SAN MATEO 9:11.05 96 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 FRIEDA SIDORSKI SALLY JOY JEAN DURSTON MARY JANE REEVES</p> <p>FMM 10:28.35 Regan Kenner 81 Gertrud Zint 87 June Reynolds 82 Marianne Vann 72</p> <p>800 M. FREE REL WOMEN 320+</p> <p>MAVERICKS 18:25.47 01 KAY SCHIMPF PEGGY HUGHES JUNE REYNOLDS FLORENCE CARR</p> <p>NO RELAYS</p> <p>MEN'S RELAYS</p> <p>200 M. FREE REL MEN 76+</p> <p>DAVIS AQUATIC 1:39.63 95 JOHN KEPPELER ANDY SLAKOFF BRAD WINSOR MATT GRAHN</p> <p>MICH 1:50.72 Andrew Ressegui 19 Aren Turpening 22 Douglas Wortman 20 Mark Jeromin 26</p> <p>NEM 1:52.02 Tommy Desbiens 19 Jyefang Oh 25 Nathan Olszewski 20 Devon Bares 20</p> <p>200 M. MEDLEY R MEN 76+</p> <p>S CAL AQUATIC 1:54.30 97 OSIRIS BRISENO EALING JAHN SEAN LEMM KENTARO TAKAHASHI</p> <p>NO RELAYS</p> <p>400 M. FREE REL MEN 76+</p> <p>TROJAN SWIM 3:49.17 98 JOSH ILIKA ERIC SCHAFER</p>	<p>JEREMY ZECHER CITO VASCONCELLOS</p> <p>DAM 3:52.98 Andy J Nonaka 25 Zebron Lemke 24 Curtis Brennan 26 Jonathan Meer 24</p> <p>NEM 4:09.65 Jyefang Oh 25 Nathan Olszewski 20 Kyle Reed 22 Devon Bares 20</p> <p>MICH 4:15.21 Douglas Wortman 20 Joe Stubelt 23 Andrew Ressegui 19 Luka Bacal 22</p> <p>400 M. MEDLEY R MEN 76+</p> <p>DCAC 4:14.83 98 MARCUS CHUNG MATT KINNEY COREY CARLISLE HUGH MCGOWAN</p> <p>GRIN 4:59.53 Ross D Cover 22 Tom B Reynolds 21 Adam L Truex 21 Jimmy R Wills 22</p> <p>800 M. FREE REL MEN 76+</p> <p>NEW ENGLAND 8:40.24 00 GREG WRIEDE RICHARD BELL THOMAS STOCKL BRIAN FEHLAU</p> <p>DAM 8:34.91NV Zebron Lemke 24 Jonathan Meer 24 Curtis Brennan 26 Andy Nonaka 25</p> <p>SWIM KENTUCKY 9:28.91 Mitchell Reinhart 23 Chris Tingley 22 Jose Manuel Nieto 24 Keith Adams 28</p> <p>200 M. FREE REL MEN 100+</p> <p>EL SUGUNDO 1:35.70 97 FRANK WATTLES DEREK ROBINSON MARCEL RINZLER BERT BERGEN</p> <p>METR 1:40.39 Paul J Buren 24 Paul A Schned 24 Joseph Byrne 28 Thayer H Thompson 30</p> <p>ISF 1:41.44 Ben Christoffel 28 Thomas Krajeuski 26 Mark O'Malley 28 Will Simmons 29</p> <p>OREG 1:44.28 Sean Swain 33 Nathan Johnsen 24 Kevin Cleary 21 Curtis Taylor 33</p> <p>METR 1:46.71 Laird Adamson 32 David Denrich 25 Rodney Hameroff 25 Dan Guerrera 34</p> <p>NEM 1:47.83 Chris Sheppard 26</p>
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2004 Short-Course Meters - Top-Ten Relays

Dana Benjakul 29		Keith Fuhrhop 27	Mitchell Reinhart 23
Robert J Tarbell 28	NEW ENGLAND 3:35.88 01	Jason Pacyou 35	Craig Pickering 26
Brian P Fehlau 30	BENJAMIN LO-PINTO	Jeremy Kennedy 27	MOVY 2:01.38
LBG 1:48.21	JEFF BROWN	Karl Hoalst 24	Brad Wells 43
Mike Kienitz 34	JASON EADDY	LBG 9:39.62	Brooks Masterson 24
Michael Capasso 28	RICK OSTERBERG	Rolando Ochoa 28	Jared Kuntz 30
Howie Realubit 24	METR 3:48.10	Enrique Ochoa 22	Sandy M Cohen 39
Drew Giacobe 30	Paul Schned 24	Rich Saldana 34	METR 2:02.52
WCM 1:51.04	Thayer Thompson 30	Drew Giacobe 30	James D McKibben 40
Daniel Tam 24	Chris Cifarelli 30	200 M. FREE REL MEN 120+	Brian Cairns 35
J Mikus-Mahoney 27	Joseph Byrne 28	GARDEN STATE 1:35.56 02	John Crowley 38
Michael Heaney 38	NEM 3:58.19	CURTIS SAWIN	Jack Mackenroth 35
Andy Brown 26	Dave M Searles 27	BRENT MATHESON	NEM 2:03.62
AKMS 1:51.87	Dana Benjakul 29	OSCAR GONZALEZ	Paul M Perz 36
Justin Doty 25	Brian P Fehlau 30	PAUL BUREN	James W Duvall 41
Ben Hammond 29	Chris Sheppard 26	GBM 1:45.64	Mike O'Hara 32
Pieter de Hart 26	LBG 4:10.32	John A Hall 51	Algernon Keith 44
Richard Stevens 22	Rolando Ochoa 28	Mason Ham 34	LBG 2:05.35
MVN 1:55.65	Enrique Ochoa 22	Jim E Robertson 35	Brian Kremers 31
Richard Elder 29	Mike Kienitz 34	James D Coffman 31	Erik Scollon 33
Eric Carlson 37	Rich Saldana 34	MOVY 1:45.67	Drew Giacobe 30
Miles Mc Clain 26	ISF 4:24.69	Brooks Masterson 24	Mike Kienitz 34
Dustin Raddatz 25	John Fero 34	Sandy M Cohen 39	SWIM KENTUCKY 2:06.02
DCAC 2:05.78	Matthew Finnegan 23	Brad Wells 43	Michael Johann 42
Matthew Holder 27	Mark O'Malley 28	Jared Kuntz 30	Scott Dick 33
Joseph D Carreon 30	Ryan Warren 30	BMW 1:45.96	Jose Manuel Nieto 24
Tom Buerger 34	400 M. MEDLEY R MEN 100+	Jason N Pettit 30	Keith Adams 28
Jeremy Rausch 27	NEW ENGLAND 4:01.21 99	Erik Hebert 29	NEM 2:06.53
200 M. MEDLEY R MEN 100+	GREG WRIEDE	John Witte 40	Rick V Cardoso 25
EL SEGUNDO 1:45.73 97	JONATHAN BANVILLE	Michael Kiedel 29	Eric J Chang 23
DEREK ROBINSON	MARK GOLDMAN	MVN 1:48.26	Robert Marshall 46
DAVE HUSTON	STUART CROMARTY	Kyle Hayashi 19	Edward J Colbert 46
MARCEL RINZLER	ISF 4:20.22	Douglas Barker 41	NEM 2:08.17
BERT BERGEN	Thomas Krajeuski 26	Michael Kolarov 32	Michael N Hirst 44
ISF 1:53.56	Ben Christoffel 28	Richard Elder 29	Chris Woolridge 22
Patrick Morgan 25	Mark O'Malley 28	NEM 1:48.87	Timothy Thompson 25
Ben Christoffel 28	Will Simmons 29	Brian R Hooker 30	John Neeb 36
Adam Dawkins 29	METR 4:21.03	Edward J Colbert 46	NEM 2:09.04
Mark O'Malley 28	James A Fox 33	Eric J Chang 23	Alistair O'Malley 33
METR 1:57.06	Paul A Schned 24	Rick V Cardoso 25	Ken Kwa 31
James Fox 33	Paul J Buren 24	UCLA 1:49.42	Mark S Goldman 33
Paul Schned 24	Joseph Byrne 28	Philip S Kao 19	Gian J Scozzaro 30
Thayer Thompson 30	SWIM KENTUCKY 4:28.90	Jamie H Zwick 24	MVN 2:09.16
Joseph Byrne 28	Chris Tingley 22	Simon A Millar 38	Kyle Hayashi 19
NEM 1:58.16	Scott Dick 33	Greg J Pottie 43	Michael Kolarov 32
Chris Sheppard 26	Mitchell Reinhart 23	FINM 1:49.45	Douglas Barker 41
Brian P Fehlau 30	Keith Adams 28	Clif Buckles 31	Richard Carlsen 45
Dave M Searles 27	LBG 4:31.99	Paul D Connell 31	400 M. FREE REL MEN 120+
Dana Benjakul 29	Brian Kremers 31	Bryan W Murray 30	DAVIS AQUATIC 3:36.25 95
LBG 2:00.26	Rolando Ochoa 28	Patrick M Krueger 34	ANDREW MCPHERSON
Michael Capasso 28	Enrique Ochoa 22	ISF 1:49.55	MICHAEL COLLINS
Rolando Ochoa 28	Drew Giacobe 30	Corrie Bumps 28	BRAD WINSOR
Brian Kremers 31	MICH 4:38.39	Matthew Finnegan 23	JOHN KEPPELER
Drew Giacobe 30	Keith Fuhrhop 27	Don Sealey 45	LBG 3:57.31
LBG 2:09.91	Michael Winkelman 35	Robert Sutton 29	Erik Scollon 33
Rich Saldana 34	Jeremy Kennedy 27	WH20 1:50.50	Michael Capasso 28
Howie Realubit 24	Karl Hoalst 24	Mark Umbach 27	Brian Kremers 31
Enrique Ochoa 22	WCM 4:46.25	Andrew Gonzalez 38	Stephen Segreto 41
Mike Kienitz 34	Michael P Heaney 38	Gregg Ogorzelec 38	METR 3:58.73
DCAC 2:13.76	Daniel Tam 24	Dan Ferguson 38	Kent Osband 49
Eric Czander 39	Andy Brown 26	NEM 1:50.60	James Fox 33
Jeremy Rausch 27	J Mikus-Mahoney 27	Chris Woolridge 22	Jack Mackenroth 35
Andrew Bellows 24	NEM 4:49.27	Timothy Thompson 25	Todd Cooper 42
Michael Graham 26	Chris Sheppard 26	Michael N Hirst 44	NEM 4:01.73
NEM 2:15.81	Dana Benjakul 29	John Neeb 36	Frank C Wuest 44
Jeffrey P Stanley 26	Mike O'Hara 32	200 M. MEDLEY R MEN 120+	Russell K Dorer 37
Marc I Broudy 33	Robert J Tarbell 28	BAYLOR/L STAR 1:45.01 94	Mark S Goldman 33
Tom Oristian 25	800 M. FREE REL MEN 100+	JAY YARID	Gian J Scozzaro 30
T J Foley 34	DAVIS AQUATIC 7:57.87 95	GREG RHODENBAUGH	ISF 4:02.38
METR 2:28.81	MICHAEL COLLINS	BOBBY PATTEN	Jeremy Houchens 34
Armistead Johnson 29	MATT GRAHN	MOOK RHODENBAUGH	Mike Harrill 45
Matthew Gallagher 24	BRAD WINSOR	SWIM KENTUCKY 2:00.87	Wesley Merkle 23
Steven Rudin 32	JOHN KEPPELER	William Tingley 54	Bryan Ward 25
Peter Nickowitz 34	MICH 9:28.06	Abraham Solano 35	WH20 4:07.66
400 M. FREE REL MEN 100+			Gregg Ogorzelec 38
			Joel McKenna 34

2004 Short-Course Meters - Top-Ten Relays

Mark Umbach	27	Dikan Rendic	33	NEM	1:45.67	GMUP	2:07.37
Dan Ferguson	38	Kyle Smith	30	Michael D Yunker	34	Timothy T Timmons	58
GERM	4:08.44	NAST	5:09.80	Fred D Myers	53	Robert M Hansen	50
Karl E Wunderlich	39	David A Busche	47	Mark P Mitsch	47	William C Sax	35
Jeffrey A Daniels	25	Joshua L Clark	29	Richard E Landry	40	Timothy L Boyd	34
Bryan A Main	31	Chris Sikich	26	WCM	1:46.15	LBG	2:09.15
Peter G Koback	36	Allen L Raver	36	Hector Chao	40	Kurt Murdoch	38
LBG	4:10.70			Brad Gothberg	42	Erik Nielson	37
Steve Thomaidis	37	800 M. FREE REL	MEN 120+	Eric Bohm	38	Tom Boyd	48
Peder Larsen	34	DCAC	8:01.80 96	David Boatwright	43	Steve Thomaidis	37
Kurt Murdoch	38	NEILL WILLIAMS		CARL	1:46.19	NEM	2:10.89
Drew Giacobbe	30	DAVID MICHAELS		Don Thornhill	47	Mark E Alexander	46
NEM	4:14.26	STEVE SMITH		Jim Barton	49	Ed Couch	38
Fred R Bartlett	48	ERIC KIELIN		Dieter Swank	34	Russell K Dorer	37
Matthew R Gilson	37	BMW	8:30.61	Jeff Prior	37	Frank C Wuest	44
Joshua LaPlante	28	Nico P Ghilardi	34	GERM	1:48.41	CGAC	2:13.52
Victor Bevilacqua	38	John Witte	40	Brian C Crilly	36	David Monahan	47
NEM	4:16.16	Erik Hebert	29	Robert T Lewis	45	Robert S Laedlein	38
Mike O'Hara	32	Michael Kiedel	29	Adam K Spector	41	Michael Campbell	37
James W Duvall	41	SWIM KENTUCKY	8:35.39	Karl E Wunderlich	39	Arthur J Wells	39
John J Coombs	42	Robert Holmes	42	NOVA	1:48.66		
Algernon Keith	44	Dale Mercker	37	Wes Stone	42	400 M. FREE REL	MEN 160+
GSM	4:25.01	Scott Dick	33	Pete Barbrick	41	NEW ENGLAND	3:43.45 00
Robert Barrish	36	Abraham Solano	35	Liam Murphy	32	KEVIN STAPLETON	
Darek Hahn	37	SBM	8:46.51	Paul Carter	47	FRED SCHLICHER	
George Sproul	42	Kevin Headley	35	METR	1:49.29	ROBB CARR	
Robert Gannon	39	Scott Reed	34	Brad Cole	46	STUART CROMARTY	
400 M. MEDLEY R	MEN 120+	Zoltan Sule	33	Todd Cooper	42	GSM	3:46.09
NEW ENGLAND	3:59.40 01	Ted Bartley	24	Scott D Hirose	38	William Segal	40
BENJAMIN LO-PINTO		LBG	9:02.70	Jim Massey	43	Tom Geiman	55
JONATHAN BANVILLE		Brian Kremers	31	Kenton R Jones	37	Robert Gannon	39
JASON EADDY		Michael Capasso	28	Gerald Livingston	46	Steve Hiltabiddle	38
ROBERT TYLER		Peder Larsen	34	Matthew J Shade	37	CARL	3:55.97
BMW	4:14.58	Erik Scollon	33	Mark Wussler	49	Don Thornhill	47
Michael Kiedel	29	MVM	9:41.23	ANCM	1:50.10	Jim Barton	49
Erik Hebert	29	Ryan McLean	28	Jason A Crist	42	Dieter Swank	34
Nico Ghilardi	34	Steve Church	37	Thomas A Denes	47	Jeff Prior	37
Robert Mackenzie	30	Jack Sorg	48	John Feinstein	49	MVM	3:56.42
SBM	4:27.85	Steve Longerbean	39	David W Cheney	46	Kirk Kozlowski	46
Scott Reed	34	LBG	10:11.64	200 M. MEDLEY R	MEN 160+	Scott Lanterman	39
Jon Bishop	33	Howie Realubit	24	ANCM	1:50.71 02	Emeric Mc Donald	42
Zoltan Sule	33	Mike Kienitz	34	J CLAY BRITT		Brent Lang	36
Zoltan Sule	33	Steve Thomaidis	37	WALLY DICKS		STAN	3:57.17
Perry Klebahn	38	Chris Lalley	35	JOHN FEINSTEIN		Tim Broderick	53
LBG	4:36.89	LBG	11:09.99	MICHAEL FELL		Patrick Mc Nenny	38
Michael Capasso	28	Matthew Dillon	35	NOVA	1:59.57	Jonathan Fiene	26
Kurt Murdoch	38	Joe Iacoponi	39	Tord Benner	45	James Kemp	49
Peder Larsen	34	David Noyes	37	G von Hoffmann	48	UCLA	3:58.29
Mike Kienitz	34	Jim Shaughnessy	44	Frank Wasko	44	Gerry Rodrigues	42
NEM	4:38.27	MVM	11:16.15	Liam Murphy	32	Randy Eickhoff	39
Edward J Colbert	46	Richard Baer	49	OREG	2:03.09	Kyle Smith	24
Eric J Chang	23	Douglas Case	44	Peter Metzger	49	George Bowers	56
Rick V Cardoso	25	Paul Klemish	37	Chris Gaarder	39	NEM	4:10.50
Brian R Hooker	30	Alan Kennedy	28	Steve Parmentier	39	Daniel J Rogacki	57
MVN	4:38.59	LBG	12:04.89	Doug Brockbank	51	Joel M Meltz	48
Kyle Hayashi	19	Steve Richards	40	MOVY	2:04.67	Stephen J Bosic	36
Terry Tongate	44	Kenny Brisbin	39	Brad R Wells	43	Michael D Yunker	34
Gerry Leutner	40	Eric Grubb	40	Sandy M Cohen	39	MOVY	4:11.17
Douglas Barker	41	Hans Hess	32	Ed Nelson	39	Ed Nelson	39
NEM	4:42.97	200 M. FREE REL	MEN 160+	Kevin T Walker	40	Sandy M Cohen	39
Mark E Alexander	46	GARDEN STATE	1:39.07 03	Kevin T Walker	40	Kevin T Walker	40
Gian J Scozzaro	30	PAUL BUREN		NEM	2:05.83	Brad R Wells	43
Frank C Wuest	44	ED TSUZUKI		Daniel J Rogacki	57	NEM	4:26.21
Douglas M Todd	35	OSCAR GONZALES		Joel M Meltz	48	James R Seligman	45
NEM	4:50.06	TOM GEIMAN		Michael D Yunker	34	Paul Philpy	44
Jeffrey M Ash	28	BMW	1:38.98NV	Stephen J Bosic	36	Franklin Mansilla	44
Matthew J Camelio	34	Chris Chalmers	37	UCLA	2:06.85	John L Nixon	49
T J Foley	34	Thomas Whatley	53	Peter O'Keefee	54	MICH	4:30.13
Jeffrey P Stanley	26	Michael McAweeney	41	Greg Pottie	43	Gabe Aceti	26
WH20	4:50.35	Robert Mackenzie	30	George Bowers	56	Tom Cobau	39
Mark Umbach	27	GSM	1:45.45	Gerry Rodrigues	42	Paul Misson	49
Andrew Gonzalez	38	Tom Geiman	55	FINM	2:07.00	Paul Nicholls	52
Andrew Gonzalez	38	Robert Gannon	39	Jeff Warwick	41	NEM	4:31.31
Dan Adams	48	Darek Hahn	37	Scott McCadam	40	Loic Barbedette	34
Dan Ferguson	38	Steve Hiltabiddle	38	John R Walker	48	Gerald B Sullivan	53
WCM	4:58.45			Mark Salvetti	41	Louis R Kronfeld	61
Edward Richards	36					John J Mooney	44
Brad Gothberg	42						

2004 Short-Course Meters - Top-Ten Relays

<p>400 M. MEDLEY R MEN 160+</p> <hr/> <p>OREGON 4:12.45 03 JOHN KEPPELER JOHN HUDSON PAT ALLENDER MIKE TENNANT</p> <p>BMW 4:24.30 John S Witte 40 James Fregosi 44 Chris Chalmers 37 Michael McAweeney 41</p> <p>WCM 4:25.86 Hector Chao 40 Jon Jacques 43 Brendon Wen 35 David Boatwright 43</p> <p>SWIM KENTUCKY 4:43.38 Michael Johann 42 Dale Mercker 37 Michael Neal 40 Robert Holmes 42</p> <p>LBG 4:46.45 Allen Highnote 40 Tom Boyd 48 Stephen Segreto 41 Steve Thomaidis 37</p> <p>CARL 4:47.29 Dieter Swank 34 John Abrami 44 Jim Barton 49 Don Thornhill 47</p> <p>UCLA 4:51.50 Gerry Rodrigues 42 Kent Small 48 Randy Eickhoff 39 Patrick Wen 32</p> <p>NEM 4:57.02 Paul M Perz 36 James W Duvall 41 John J Coombs 42 Algernon Keith 44</p> <p>WH20 5:00.29 Joel McKenna 34 Gregg Ogorzelec 38 Paulo Figueiredo 58 Errol Graham 45</p> <p>NEM 5:06.42 James E Jacobson 40 Richard Borroff 42 David J Welch 48 Darius K Deak 34</p> <p>NEM 5:10.74 Robert T Bertrand 56 Jeff Dropo 47 Homer W Lane 55 Charles Redington 37</p> <p>800 M. FREE REL MEN 160+</p> <hr/> <p>VENTURA COUNTY 8:05.09 01 MIKE SHAFFER DON SMITH TIM HEDRICK JIM MCCONICA</p> <p>WCM 8:51.00 Brad A Gothberg 42 Hector Chao 40 Kerry O'Brien 47 Eric Bohm 38</p> <p>LBG 9:50.57 Tom Boyd 48 Kurt Murdoch 38 Erik Nielson 37 Allen Highnote 40</p> <p>WCM 9:51.89 Edward Richards 36</p>	<p>Michael Heaney 38 Paul Turek 40 Chris Stewart 53</p> <p>NOVA 9:52.45 Liam Murphy 32 Henry Greenberg 56 G von Hoffmann 48 Tord Benner 45</p> <p>WH20 10:02.18 Joel McKenna 34 Paulo Figueiredo 58 Jay Olson 55 Mark Umbach 27</p> <p>MOVY 10:44.23 Chip Zimmer 47 Anthony Thompson 40 Derek Shipp 37 Michael R Dremann 36</p> <p>SWM 10:49.69 Franz L Wise 50 David Strybel 49 Daniel Liebowitz 20 Thomas D Lannert 46</p> <p>200 M. FREE REL MEN 200+</p> <hr/> <p>COLONIALS1776 1:40.71 03 PAUL TREVISAN THOMAS MEADE MICHAEL SLENKER GREGORY OXLEY</p> <p>RHMS 1:48.84 Eric Van Boer 50 Don Davis 60 Bill Adkison 49 Ken Ericsson 44</p> <p>MAM 1:58.65 Mac Mc Clelland 55 Gordon Jacoby 61 Jim Clemmons 54 Robert Heath 47</p> <p>NEM 1:58.76 Frank McQuiggan 56 Tim Morse 56 Bob Bourassa 63 Stephen P Joe 29</p> <p>METR 1:59.23 Kent Osband 49 Gregory Fernicola 47 Martin Clarke 54 Bruce Goldberg 53</p> <p>FACT 2:01.00 Gilberto Hall 48 Pat Lien 45 Jim McIntosh 52 Christian Iselin 61</p> <p>NEM 2:04.77 Andre A Kostousov 41 David J Welch 48 George J Coupe 64 Joel M Meltz 48</p> <p>MVN 2:05.08 Steven Willment 46 Val Trowbridge 50 John Campbell 57 Pat Dwyer 54</p> <p>UCI 2:08.31 Gary Singer 52 Allen Murray 60 Doug Thiessen 43 Howard Burns 53</p> <p>METR 2:11.85 Michael D'Amico 51 Charles Carson 50 Tom Malcolm 50 Daniel Rosemarin 49</p> <p>NEM 2:16.06 Hong An 44</p>	<p>Gary P Pemberton 56 Mingjie Song 57 David C Baxter 60</p> <p>200 M. MEDLEY R MEN 200+</p> <hr/> <p>GOLD 1:57.07 00 JOHN SPIRE GEORGE SCHMIDT JOEL BURNS ROGER HAWKINS</p> <p>NEM 2:13.35 Gerald B Sullivan 53 Stephen Schonholz 48 Louis R Kronfeld 61 John J Mooney 44</p> <p>NEM 2:16.69 Mark A Keil 51 Cliff Jennings 51 Richard Borroff 42 George J Coupe 64</p> <p>WMAC 2:18.24 Greg Hollub 57 James Biles 43 Mike Ziniel 57 Bob LaViolette 44</p> <p>UCI 2:21.74 Gary Singer 52 Allen Murray 60 Howard Burns 53 Patrick Schlup 64</p> <p>NOVA 2:23.77 Everett Smethurst 69 Pete Barbrick 41 Henry Greenberg 56 Wes Stone 42</p> <p>SWIM KENTUCKY 2:25.64 Jon Shastid 56 James Keller 51 Thomas Mester 53 John Graham 59</p> <p>GAJA 2:27.81 Scott Arnold 54 Bob Manley 49 John Zeigler 59 Jeffrey Tacca 38</p> <p>PNA 2:28.71 Brian Russell 47 Eric Hutchinson 62 James Jacobson 49 R Voegtlen 55</p> <p>MVN 2:33.09 John Campbell 57 Val Trowbridge 50 Gerry Leutner 40 Robert Rolph 73</p> <p>NEM 2:35.87 Shi Lun Lai 63 Mingjie Song 57 David C Baxter 60 Garry B Ferguson 41</p> <p>400 M. FREE REL MEN 200+</p> <hr/> <p>COLONIALS1776 3:47.59 03 PAUL TREVISAN MICHAEL SLENKER THOMAS MEADE GREGORY OXLEY</p> <p>NEM 4:24.57 Frank McQuiggan 56 Tim Morse 56 Bob Bourassa 63 Stephen P Joe 29</p> <p>NEM 4:42.34 George J Coupe 64 Cliff Jennings 51 Mark A Keil 51</p>	<p>Richard Borroff 42</p> <p>GAJA 4:49.38 Jeffrey Tacca 38 Bob Manley 49 Scott Arnold 54 John Zeigler 59</p> <p>MVN 4:59.87 Richard Carlsen 45 Val Trowbridge 50 Robert Rolph 73 Terry Tongate 44</p> <p>NEM 5:04.64 Mark E Alexander 46 Jay Jones 58 Michael A Aronson 65 Ken Kwa 31</p> <p>GBM 5:05.24 Stephen W Smith 54 John A Hall 51 Alan T Johnson 67 Barry Fussell 51</p> <p>FACT 5:15.37 Harold Murray 63 Walter Steele 40 Bill Pillmore 56 Peter Nickodem 55</p> <p>NEM 5:27.87 David C Baxter 60 Shi Lun Lai 63 Mingjie Song 57 Garry B Ferguson 41</p> <p>NAST 6:00.46 Randy Crutchfield 46 Dick A Sidner 55 Doug D Church 60 Edward K Keefe 66</p> <p>400 M. MEDLEY R MEN 200+</p> <hr/> <p>JERSEY MASTERS 4:38.38 96 RICH ALEXANDER ED NESSEL ART DEFFAA JIM DRAGON</p> <p>WCM 4:52.13 Chris Stewart 53 Bryan Volpp 47 Kerry O'Brien 47 Samuel Schiff 54</p> <p>RHMS 4:53.32 Eric Van Boer 50 Ken Ericsson 44 Bill Adkison 49 Don Davis 60</p> <p>MICH 5:03.19 Frank Thompson 53 Sekhar Varansi 52 Greg Pash 57 Paul Chadwick 47</p> <p>WMAC 5:05.27 Paul Hollub 35 Bela Sandor 69 Mike Ziniel 57 Bob LaViolette 44</p> <p>SWIM KENTUCKY 5:10.24 William Tingley 54 Barry Whaley 45 John Graham 59 James Keller 51</p> <p>NEM 5:34.10 Daniel J Rogacki 57 Joel M Meltz 48 Fred D Myers 53 George J Coupe 64</p> <p>GERM 6:13.43 Bob Maul 70 Richard S Durham 63 Mark C Walters 52</p>
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2004 Short-Course Meters - Top-Ten Relays

Roger Wilks	49	John Sheridan	61			Richard Criche	65
LBG	6:26.46	Jim Rice	68	TEAM TEXAS	2:04.66 01	Robert Williams	77
Jim Shaughnessy	44	Noel Rasmussen	60	GRAHAM JOHNSTON		James Browne	66
Barton Parnes	48	Peter Vratimos	52	FRANK CAMPBELL		James Pitts	74
Howard Ferguson	50	FMM	2:50.32	EUGENE FERGUSON			
Bill Armstrong	62	Robert Williams	77	BOB BAILIE		400 M. MEDLEY R	MEN 280+
NEM	7:07.68	Richard Criche	65	WCM	2:30.21	SAN DIEGO	5:42.06 02
Robert C Hicks	54	James Pitts	74	William Johnston	86	DUANE DRAVES	
Peter P Phildius	74	Matt Watkins	31	Jim Perilman	65	MIKE FRESHLEY	
Frank Kjaersgaard	37	200 M. MEDLEY R	MEN 240+	Robert Mayo	71	MICHAEL AHERN	
Ali Azarbayejani	37	OREG	2:05.07 03	A Emory Haworth	68	JIM EUBANK	
NAST	7:12.14	ROBERT SMITH		OREG	2:30.93	WCM	6:39.02
Randy Crutchfield	46	ALLEN STARK		Gilbert Young	82	Robert W Mayo	71
Dick A Sidner	55	BERT PETERSEN		Brent Lake	66	Neil Stratton	62
Doug D Church	60	TOM LANDIS		Andrew Holden	85	A Emory Haworth	68
Edward K Keefe	66	FINM	2:27.20	George Thayer	68	William Johnston	86
800 M. FREE REL	MEN 200+	Robert M Sigerson	67	FMM	2:38.69	FMM	6:47.52
NEM	8:58.54 02	Douglas A Holmes	68	C Weatherbee	72	Paul Hutinger	80
ROBERT SELTZER		William F Babcock	56	James Browne	66	Gerry DeTore	63
TOM MACK		Thomas C Proctor	55	Gerry DeTore	63	James Browne	66
DANIEL ROGACKI		GERM	2:58.04	GSM	2:42.12	C Weatherbee	72
GREG SHAW		Bob Maul	70	Jerry Katz	66	800 M. FREE REL	MEN 280+
SWIM KENTUCKY	10:13.51	Richard S Durham	63	Larry E Lengle	71	SAN DIEGO	11:31.62 99
Michael Neal	40	Delwin T Brockett	43	Paul J Kiell	74	WILLIAM PHILLIPS	
William Tingley	54	John C Norvell	64	Robert Stricker	76	KEN KIMBALL	
Thomas Mester	53	400 M. FREE REL	MEN 240+	ES	3:10.46	JIM EUBANK	
John Graham	59	SAN DIEGO	4:22.02 99	C R Bower	74	STEVE MOSELEY	
WCM	10:16.28	MIKE FRESHLEY		Robert D Rodrigue	70	NO RELAYS	
Stephen B Puryear	56	DONALD BAKER		Robert S Reimers	61	200 M. FREE REL	MEN 320+
Jesse Smyers	58	BILL EARLEY		Maurice M Stern	88	OREGON	2:35.71 99
Brook Heath	44	MICHAEL AHERN		200 M. MEDLEY R	MEN 280+	EARL WALTER	
Kenneth Halbrecht	44	GOLD	4:40.12	N CAROLINA	2:24.26 04	GERALD HUESTIS	
MVN	12:08.59	David Quiggin	60	CLARKE MITCHELL		ANDREW HOLDEN	
Val Trowbridge	50	Chris Burt	49	JOHN KORTHEUER		ALLAN DELAY	
Richard Carlsen	45	Alan Rapperport	71	RICHARD KITCHELL		MESC	3:54.67
Robert Rolph	73	Geir Ingolfsrud	61	DICK WEBBER		Claude B Bonang	74
Terry Tongate	44	400 M. MEDLEY R	MEN 240+	NCMS	2:24.26	Arnie Green	72
ART	13:40.38	OREG	4:56.40 04	Clarke Mitchell	72	Norman P Seagrave	88
Jay Uys	52	ROBERT SMITH		John Kortheuer	73	John P Woods	86
David Saitta	54	ALLEN STARK		Richard Kitchell	64	200 M. MEDLEY R	MEN 320+
David Faulkner	47	TOM LANDIS		Dick Webber	75	OREGON	3:00.90 99
Pete Raby	47	DAVID RADCLIFF		GSM	3:00.08	EARL WALTER	
200 M. FREE REL	MEN 240+	OREG	4:56.40	Jerry Katz	66	GERALD HUESTIS	
SAN DIEGO	1:50.90 03	Robert Smith	61	Larry E Lengle	71	ANDREW HOLDEN	
PETER ANDERSON		Allen Stark	55	Robert Stricker	76	ALLAN DELAY	
MIKE FRESHLEY		Tom Landis	62	Paul J Kiell	74	NO RELAYS	
MICHAEL AHERN		David Radcliff	70	WMAC	3:18.49	400 M. FREE REL	MEN 320+
VINUS VAN BAALEN		NEM	6:34.53	Henry Griesbach	75	COAST MASTERS	6:34.05 95
GOLD	2:10.43	Shi Lun Lai	63	Fred Salzmann	72	BRION WINSHIP	
Geir Ingolfsrud	61	Mingjie Song	57	Bill Payne	75	ROBERT CHRISTIANS	
David McIntyre	67	David C Baxter	60	W Morgan Byers	77	WALTER PFEIFFER	
Alan Rapperport	71	James B Terry	60	MICH	3:55.19	WOODROW BOWERSOCK	
Chris Burt	49	FMM	7:36.35	Bob Doud	81	NO RELAYS	
FINM	2:11.60	Robert Williams	77	John Reese	79	400 M. MEDLEY R	MEN 320+
Thomas C Proctor	55	Richard Criche	65	Richard Evans	80	COAST MASTERS	6:34.05 95
Douglas A Holmes	68	Matt Watkins	31	Don Korten	78	BRION WINSHIP	
Robert M Sigerson	67	James Pitts	74	FMM	4:35.66	ROBERT CHRISTIANS	
William F Babcock	56	800 M. FREE REL	MEN 240+	Robert Williams	77	WALTER PFEIFFER	
MICH	2:27.11	OREGON	9:29.56 03	Gerry DeTore	63	WOODROW BOWERSOCK	
Donald Ferencz	61	STEVE JOHNSON		James Browne	66	NO RELAYS	
Donald Kroeger	61	DAVE RADCLIFF		James Pitts	74	400 M. MEDLEY R	MEN 320+
Neil Robb	61	BOB BRUCE		ES	4:37.20	COAST	7:39.16 97
Jim Willey	61	TOM LANDIS		C R Bower	74	LOUIS GIBERSON	
NEM	2:30.23	OREG	9:50.52	Elmer A Frost	81	WOODROW BOWERSOCK	
Mingjie Song	57	Tom Landis	62	Robert D Rodrigue	70	BOB CHRISTIANS	
Shi Lun Lai	63	Ed Ramsey	48	Maurice M Stern	88	WALTER PFEIFFER	
James B Terry	60	David Radcliff	70	400 M. FREE REL	MEN 280+	NO RELAYS	
David C Baxter	60	Robert Smith	61	SAN DIEGO	5:04.75 98	800 M. FREE REL	MEN 320+
WCM	2:31.64	200 M. FREE REL	MEN 280+	BILL EARLEY		COAST	15:10.98 97
Louis Stoddard	67	OREG	9:50.52	DON BAKER		LOUIS GIBERSON	
Harold Boscovich	62	Tom Landis	62	WILLIAM PHILLIPS		WOODY BOWERSOCK	
Frederick Silvey	62	Ed Ramsey	48	JIM EUBANK		BOB CHRISTIANS	
Neil Stratton	62	David Radcliff	70	FMM	6:51.04		
METR	2:39.02	Robert Smith	61				

2004 Short-Course Meters - Top-Ten Relays

<p>WALTER PFEIFFER NO RELAYS</p> <p>MIXED RELAYS</p> <hr/> <p>200 M. FREE REL MIXED 76+</p> <p>OLYMPIC CLUB 1:43.33 95</p> <p>SHARON SCOTT ALICIA WALKER JAMIE PATRICK MARTIN HERMANN</p> <p>BIG CAT MASTERS 1:58.24</p> <p>Jeff Gall 23 Mike Kunkle 19 Emily Newman 22 Mollie Grover 23</p> <p>GRIN 1:59.69</p> <p>Jimmy Wills 22 Scott Walker 23 Amanda Nurrenbern 21 Brenda Banning 21</p> <p>DCAC 2:03.61</p> <p>Andrew Bellows 24 Erin Vander Vliet 23 Krista Prescott 24 Michael Graham 26</p> <p>NEM 2:21.88</p> <p>Jess DePettrillo 19 Monica Kraus 19 Kyle Reed 22 Tommy Desbiens 19</p> <p>200 M. MEDLEY R MIXED 76+</p> <p>NEW ENGLAND 1:57.66 99</p> <p>CORINNE MURPHY GREG WRIEDE MARK GOLDMAN MICHELLE HACKMER</p> <p>GRIN 2:09.79</p> <p>Brenda Banning 21 Adam L Truex 21 Naomi Schrock 19 Scott Walker 23</p> <p>LBG 2:13.13</p> <p>Brian Kremers 31 Morgan Taylor 21 Enrique Ochoa 22 Jacqueline Cole 24</p> <p>400 M. FREE REL MIXED 76+</p> <p>METROPOLITAN 3:53.00 04</p> <p>PAUL BUREN PAUL SCHNED MEGAN GRIFFIS ERIN ABBEY</p> <p>METR 3:53.00</p> <p>Paul J Buren 24 Paul A Schned 24 Megan F Griffis 25 Erin L Abbey 23</p> <p>GRIN 4:19.77</p> <p>Adam L Truex 21 Ross D Cover 22 Naomi N Schrock 19 Mandy Nurrenbern 21</p> <p>MICH 4:43.70</p> <p>Zachary Hoeh 19 Andrea Maurey 21 Mark Jeromin 26 Bridgette King 20</p> <p>400 M. MEDLEY R MIXED 76+</p> <p>TERRAPIN 4:22.07 02</p>	<p>JAMES CROWDER PETRA ADAMKOVA RUSSEL PERKINS KATIE DIBLASI</p> <p>WCM 4:24.35</p> <p>Daniel Tam 24 Rebecca Tukna 22 Nicole Messian 25 Trentin Krauss 27</p> <p>800 M. FREE REL MIXED 76+</p> <p>TERRAPIN 8:51.55 03</p> <p>MEREDITH STAKEM KELLY BOWMAN JEFFREY STRAHOTA JAMES CROWDER</p> <p>NO RELAYS</p> <p>200 M. FREE REL MIXED 100+</p> <p>EL SEGUNDO 1:41.62 97</p> <p>BERT BERGEN D GRANER GALLAS MARCEL RINZLER HEIDI HANNENIAN</p> <p>METR 1:51.68</p> <p>Chris Cifarelli 30 Meghan Hast 29 Laura Alonso 33 David Figur 27</p> <p>SKY 1:52.90</p> <p>Keith Adams 28 Leslie Weeter 27 Sarah Beltrame 26 Scott Dick 33</p> <p>NEM 1:57.85</p> <p>Alexis B Ross 25 Ellen D Spacek 28 Jeffrey M Ash 28 Matthew J Camelio 34</p> <p>ISF 2:00.72</p> <p>Matthew Finnegan 23 Jennifer Zimmer 27 Corrie Bumps 28 Jennifer Bumps 26</p> <p>UCLA 2:01.38</p> <p>Kyle Smith 24 Gerry Rodrigues 42 Desiree Rosselli 20 Laurie Dodd 32</p> <p>GSM 2:22.28</p> <p>Daniel Jacquemin 33 Olga Troyanskaya 27 Kelly C Evans 27 Gilbert Olvera 27</p> <p>ARIZ 2:59.70</p> <p>Callie Langellier 24 April Beltran 24 Michael Melley 29 Juan Beltran 30</p> <p>200 M. MEDLEY R MIXED 100+</p> <p>EL SEGUNDO 1:52.80 97</p> <p>D GRANER GALLAS DAVE HUSTON DEREK ROBINSON HEIDI HANNENIAN</p> <p>METR 2:02.00</p> <p>Kathryn Duncombe 23 David Cohen 22 Hayley Cort 43 William Pietri 29</p> <p>MVN 2:08.47</p> <p>Kyle Hayashi 19 Leslie Hovsepian 22 Tami Engel 41</p>	<p>Richard Elder 29</p> <p>GBM 2:09.01</p> <p>Jim E Robertson 35 James D Coffman 31 Whitney Rohrer 20 Jennifer Tweedie 26</p> <p>SKY 2:09.41</p> <p>Scott Dick 33 Keith Adams 28 Leslie Weeter 27 Sarah Beltrame 26</p> <p>ES 2:16.42</p> <p>Rae Hebert 22 Shawn A Wilson 22 Tracy O Phillips 29 Ross Mc Clave 30</p> <p>SCMC 2:17.65</p> <p>Xan Rogers 21 Desiree Dibene 24 Jason Leaf 21 Mike Velasquez 39</p> <p>DCAC 2:21.27</p> <p>David Brand 31 Christina West 28 Krista Prescott 24 Tom Buerger 34</p> <p>REDT 2:24.89</p> <p>Whitney Drake 25 Elizabeth Krams 26 Scott McLaughlin 28 Ethan Fran 34</p> <p>FINM 2:33.05</p> <p>Clif Buckles 31 Paul D Connell 31 Ashley Sutcliffe 21 Kristin Y Fooshee 27</p> <p>GSM 2:35.30</p> <p>Daniel Jacquemin 33 Olga Troyanskaya 27 Gilbert Olvera 27 Michelle R Clark 26</p> <p>400 M. FREE REL MIXED 100+</p> <p>BURLINGAME 3:49.96 02</p> <p>ANYA KOLBISEN NICO GHILARDI LIESL TANER JEFF HENDERSON</p> <p>GBM 4:06.58</p> <p>Jim E Robertson 35 Jennifer Tweedie 26 Whitney Rohrer 20 James D Coffman 31</p> <p>SKY 4:09.25</p> <p>Alexandra Nieto 32 Jose M Nieto 24 Sarah Beltrame 26 Scott Dick 33</p> <p>METR 4:33.16</p> <p>Andres Gottfried 28 Jacqueline Reiter 24 Bonnie Schwartz 25 David Figur 27</p> <p>400 M. MEDLEY R MIXED 100+</p> <p>NEW ENGLAND 4:16.58 02</p> <p>BENJAMIN LO-PINTO S MORAWSKI JASON EADDY JESSICA STOKES</p> <p>SKY 4:48.15</p> <p>Alexandra Nieto 32 Leslie Weeter 27 Jose M Nieto 24 Scott Dick 33</p> <p>NEM 4:52.22</p>	<p>Amanda Bloom 22 Ken Kwa 31 Jenny L Mooney 27 Nick Vantzelfde 25</p> <p>800 M. FREE REL MIXED 100+</p> <p>RUBA 8:41.15 97</p> <p>SCOTT YEOMANS BRIDGET COLL LOUISE APPLETON RICHARD TOOTHILL</p> <p>NO RELAYS</p> <p>200 M. FREE REL MIXED 120+</p> <p>EL SEGUNDO 1:41.37 00</p> <p>BERT BERGEN PAIGE FRANCIS D GRANER-GALLAS DEREK ROBINSON</p> <p>GAJA 1:54.03</p> <p>Richard Bailey 51 Cece Carlton 49 Pamela Hanson 25 Bill Beecher 29</p> <p>GBM 1:54.76</p> <p>Edmund J Gendreau 42 Jim E Robertson 35 Jennifer Tweedie 26 Brandy L Brown 31</p> <p>FINM 1:55.89</p> <p>Patrick M Krueger 34 Karen E Groce 24 Beth A Donahue 34 Scott McCadam 40</p> <p>SDSM 1:58.98</p> <p>Janet G Coover 41 Haley L Frasca 24 Kenton R Jones 37 Matthew J Shade 37</p> <p>SCMC 2:00.75</p> <p>Cheri Ellington 47 Jessica Wood 21 Curtis Williams 32 Jason Leaf 21</p> <p>NEM 2:02.24</p> <p>Jenny L Mooney 27 Kerry Savage 28 Jon Wilkinson 33 Douglas M Todd 35</p> <p>EXCL 2:03.49</p> <p>Mark Van Atta 43 Rebecca Daniel 22 Lee McCroskey 47 Ashley Whitney 25</p> <p>CARL 2:05.50</p> <p>Kerry E Lutzker 38 Michael Gartland 39 Kirsten H Pursell 37 David N Padgett 35</p> <p>MOVY 2:06.29</p> <p>Lindsay Brechler 27 Lynette Washburn 41 Michael R Dremann 36 James M Dremann 31</p> <p>SWOM 2:06.40</p> <p>John C Zingarelli 28 Krista G Marchand 28 Brian Gaughan 47 Ashley D O'Hara 27</p> <p>200 M. MEDLEY R MIXED 120+</p> <p>EL SEGUNDO 1:53.07 00</p> <p>PAIGE FRANCIS BERT BERGEN MARK RINZLER</p>
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2004 Short-Course Meters - Top-Ten Relays

D GRANER-GALLAS		Jeffrey P Stanley	26	Liz Hale	33	Edward Field	44
METR	2:01.42	GSM	4:28.08	EXCL	5:34.13	Nancy Shapiro	46
	Meghan Hast		Rebecca Kalibat		Stephani Williams		Loretta Wells
	Jack Mackenroth		George Sproul		Mark Van Atta		George F Sproul
	Todd Cooper		Jacqie Gephart		Ashley Whitney		MESC
	Laura Alonso		Darek Hahn		Lee McCroskey		2:16.04
BMW	2:01.48	NEM	4:32.01	NEM	5:35.33	Kristina Morse	31
	Michael Kiedel		John Neeb		Elise VonHousen		David Vail
	Erik Hebert		Christine Holmes		Kristin J Wilkes		Kristi Panayotoff
	Becky Crowe-Hill		Tracy L Grilli		Joshua LaPlante		Sean Carter
	Traci J Kreppel		Chris Woolridge		Fred R Bartlett		UCLA
ARIZ	2:05.96	WCM	4:41.72	800 M. FREE REL MIXED 120+		Patrick Wen	32
	Marika McCue		Kyle A Smith		CRESENT HILL		Guy Merchant
	Louise Keogh		Kara L Gray		BRAD SCHMIED		Vicki Serianni
	Jim Stites		Edward Richards		GINA GATTI		Judith Nakamatsu
	Stephen So		Karen Duggan		DONNA JOHNSON		SWIM KENTUCKY
FACT	2:07.33	BMW	4:42.10		MIKE NEAL		2:23.94
	Nancy Guinn		Jason N Pettit		WCM		John Hoffman
	Steve Boney		Ross D Johnston		9:10.05		Michael Greenleaf
	Danielle Lavette		Krista Mathisen		Michelle Ghiggeri		Vicki Catlin
	Chris McKee		Ellen Herlaar		Alison H Zamanian		Joey Blake
GERM	2:09.00	NEM	4:56.18		Trentin Krauss		PNA
	Emily L Groome		Sarah E Bohannon		Bryan D Volpp		2:26.22
	Peter G Koback		Lana Parker		Joy Leutner		Erin Burgman
	B Westerman Kobac		Marc I Broudy		Jennifer Richter		Charles Norman
	Jeffrey A Daniels		Rick A Battistini		Gerry Leutner		Michael Turcott
GSM	2:09.31	NEM	4:59.33		Kyle Hayashi		Rebecca Logsdon
	Justine Schramke		Marion A Dorer		EXCL		PNA
	Rebecca Kalibat		Alistair O'Malley		10:29.17		2:26.74
	William Segal		Lisa Natkin		Melinda Hyatt		Bob Schlemmer
	Robert Gannon		Ed Couch		Mark Van Atta		Louise Pietrafesa
WCM	2:10.31	400 M. MEDLEY R MIXED 120+			Lee McCroskey		Ellen Cullom
	Debbie Santos		NEW ENGLAND		Ashley Whitney		James Littlefield
	Jon R Jacques		4:18.78 00		Meg Smath		200 M. MEDLEY R MIXED 160+
	Michelle Ghiggeri		KARI ANDERSSON		Pamela Luebbe		SAN DIEGO
	Dikan Rendic		BRIAN FEHLAU		Paul Widman		1:59.93 99
MOVY	2:10.34		ROBB CARR		William Polk		K PIPES-NEILSEN
	Lindsay Brechler		ROMA KUSZNIER		MICH		CAROLINE KRATTLI
	Lynette Washburn		GERM		11:41.84		CHRIS DIXON
	Anthony Thompson		4:54.97		Thomas Schardt		JOSEPH KERNAN
	Bill Sherman		Emily L Groome		Andrea Funk		WCM
BMW	2:12.54		Amy B Cooley		Rob Mitchell		2:08.88
	Jason N Pettit		Brian C Crilly		Felicia Berryman		Hector Chao
	Robert Mackenzie		Adam K Spector		SWIM KENTUCKY		Leiann Crittenden
	Natalie Shukov		GOLD		11:58.71		Charlene O'Brien
	Erin M Elliott		Anne Laborwit		Mariam Ballantine		David Boatwright
OJAI	2:12.57		Chad Cron		Susan Ehringer		NEM
	Franco P Campana		Celia Devanney		Keith Klusman		2:13.11
	Sarah Jacobs		Sean Devanney		Chris Meadows		Mark P Mitsch
	Jermaine Britton		NEM		200 M. FREE REL MIXED 160+		Richard E Landry
	Michele L Bailey		5:10.12		SAN DIEGO		Michele M Roy
400 M. FREE REL MIXED 120+			Chris Woolridge		1:47.38 96		Michele Fox
SAN DIEGO	3:54.42 96		K Nisley-Black		BETH KNIGHT		BMW
	ALAN VOISARD		Timothy Thompson		LARRY CARTWRIGHT		2:13.89
	STEPHEN SEGRETO		Tracy L Grilli		LEE MENCH		Kenneth J Hillan
	K PIPES-NEILSEN		NEM		UCLA		Rebecca Kalibat
	VICKY DAVIDSON		5:12.72		George Bowers		Jan A Keele
BMW	3:57.97		Michele Fox		Greg Pottie		Michael McAweeney
	Robert Mackenzie		Nanci E Sirois		Dianna Oliver		CARL
	Michael Kiedel		Michael D Yunker		Christie Ciraulo		2:17.70
	Traci J Kreppel		Stephen J Botic		ES		Karen Sing
	Becky Crowe-Hill		STAN		2:05.08		Kerry Lutzker
MELO	4:19.61		5:21.01		Tracy O Phillips		Dieter Swank
	Wallace G Holland		Cynthia Hansen		Robert M Hughes		Don Thornhill
	Jana Matena		Julie Wahlig		Fay V Lachney		MAM
	Lisa Sheeper		Stephen Fuselier		Thomas P Hubert		2:22.35
	Al S Humphrey		Jonathan P Fiene		NEM		Ruth Y Shaps
BMW	4:19.86		UCLA		2:08.61		Ili R Selinger
	Nico P Ghilardi		5:22.59		Darius K Deak		Peter C Finney
	Erik Hebert		Kyle Smith		Julie A Young		Jane A Nylund
	Natalie Shukov		Rory Barish		Nanci E Sirois		PNA
	Kimberlee Shults		Michael Behrens		Daniel J Rogacki		2:22.65
MELO	4:26.80		Laurie Dodd		ARIZ		Tara Simsak
	Kirsten Thompson		WMAC		2:12.51		Dennis Sawyer
	Melanie L Widoff		5:24.41		Peggy Finch		Brian Russell
	Tom Oristian		Bill Koenen		John Harris		Jamie Whitney
			Glenn Tranowski		Chris Austin		RHMS
			Sara Allen		Matthew Rankin		2:24.92
			Aimee Arnoldussen		GSM		Eric Van Boer
			NEM		2:13.63		Lani Gershik
			Wytske Kingma				Bill Adkison
			Rick A Battistini				Cassandra Coffee
			Marc I Broudy				LMST
							2:25.14
							Stephen Billeaud
							Mary M Helm
							Ashley LaSalle
							William Goodellr
							NEM
							2:25.98

2004 Short-Course Meters - Top-Ten Relays

Amy V Skrobis 39	Linda Gallo 28	Cassandra Coffee 43	Ken Ericsson 44
Robert C Hicks 54	Tim Broderick 53	Parke Blundon 48	Melissa Adkison 52
Rick A Battistini 50	NEM 4:55.30	BMW 11:05.46	ARIZ 2:27.10
Kirsten Thompson 39	Mark P Mitsch 47	James Fregosi 44	Jeanine Smith 56
UCI 2:26.25	Karen M Mareb 46	Steve H Pratt 46	Kathi Lindstrom 51
Gary Singer 52	Michele M Roy 40	Elizabeth S Kim 41	Steve Lindstrom 57
Monica Fox 30	Richard E Landry 40	Felicia F Ferlin 41	Martin Hahm 63
Howard Burns 53	CARL 5:15.92	SWIM KENTUCKY 11:27.78	
Connie Tong 33	David N Padgett 35	Joey Blake 54	
	Kerry E Lutzker 38	Michael Johann 42	
400 M. FREE REL MIXED 160+	Kirsten H Pursell 37	Barry Whaley 45	
	Jeff Gross 53	Michelle Ward 36	
	HSAM 5:17.25	MELO 11:34.31	200 M. MEDLEY R MIXED 200+
SAN DIEGO 3:57.64 96	Erin Page 38	Bob W Carlin 41	NEM 2:03.52 02
K PIPES-NEILSEN	Ron Schafer 47	Sanborn Hodgkins 51	JOEL FELDMANN
BETH KNIGHT	Lee Mench 52	Alison Freeman 44	DANIEL ROGACKI
LARRY CARTWRIGHT	S Lovell-Hampton 38	Tim Sheeper 41	GREG SHAW
LEE MENCH	UCI 5:40.25	ART 11:47.90	JENNIFER LUKER
BMW 4:04.80	Monica Fox 30	Andrea Timpeiro 38	NEM 2:18.35
Chris Chalmers 37	Doug Thiessen 43	Michelle Martin 55	Susan N Ketchen 52
Michael McAweeney 41	Howard Burns 53	Francoi DuPlessis 36	Chris Hafferty 55
Cory S Ferrara 46	Takako Fujimoto 36	Sean Fitzgerald 41	Barb B Handler 47
Scotia A Miller 39	MICH 5:45.10	SWIM KENTUCKY 12:21.32	Larry Hinline 49
OREG 4:08.63	Frank L Thompson 53	Janice Kregor 48	AKMS 2:19.81
K Andrus-Hughes 47	Alison G Badger 38	Teresa Walther 45	Rick Abbott 49
Gano Butcher 40	Kenneth R McGuire 34	Mark Gleason 43	Paula Smith 50
Valerie Jenkins 41	C A Maxbauer 51	James Keller 51	Stan Steck 49
Keith Peters 39	NEM 5:59.56		Colny Tucker 53
HSAM 4:10.04	Mark A Keil 51		GBM 2:21.18
Vernon S Rogers 43	Cliff Jennings 51		Nancy Tunstall 42
Lee E Mench 52	Deb Sarro 35		Bruce E Mohl 58
S Lovell-Hampton 38	Julie A Young 34		Edmund J Gendreau 42
Nancy A North 36	MICH 6:13.22	200 M. FREE REL MIXED 200+	Ann B Fredette 59
WCM 4:11.55	Robert Fort 46	NEM 1:49.36 02	MICH 2:21.23
Charlene O'Brien 48	Mary Schwarz 46	DANIEL ROGACKI	Frank L Thompson 53
Leiann Crittenden 48	Verona Fort 48	JOEL FELDMANN	Alison G Badger 38
Eric Bohm 38	Roger Harper 39	JENNIFER LUKER	Gregory C Pash 57
David Boatwright 43	ART 6:30.93	GREG SHAW	Sally K Guthrie 54
BMW 4:15.86	Shaney Malloy 31		UCLA 2:22.21
Alexander Knibbs 45	Sean Fitzgerald 41		Vicki Serianni 53
Thomas W Whatley 53	Michelle Martin 55		Kent Small 48
Erin M Elliott 37	Pete Raby 47		George Bowers 56
Jan A Keele 44	NEM 6:55.48		Marcy Wallace 47
NEM 4:36.77	Julie Lockhart 63	GBM 2:04.93	WCM 2:26.93
Mark P Mitsch 47	Christine Holmes 43	Ann B Fredette 59	Chris Stewart 53
Michele Fox 35	Michael N Hirst 44	Bruce E Mohl 58	Peter M Guadagni 49
Michele M Roy 40	John Neeb 36	Edmund J Gendreau 42	Debbie M Swigert 49
Richard E Landry 40		Nancy Tunstall 42	Karen M Tukua 54
WCM 4:36.86	800 M. FREE REL MIXED 160+	NEM 2:06.18	WCM 2:26.97
Michelle Ghiggeri 35		Beth B Herrick 44	James P King 58
Bryan D Volpp 47	SAN DIEGO 8:53.46 97	Barb B Handler 47	Stephanie Scott 57
Kerry L O'Brien 47	JIM BOSWELL	Chris Hafferty 55	Kerry L O'Brien 47
Debbie Santos 36	K PIPES-NEILSEN	Homer W Lane 55	Kara L Gray 39
WCM 4:39.95	BARBARA DUNBAR	ANCM 2:11.55	ANCM 2:28.57
Tiffany A Chin 30	LEE MENCH	David C Harmon 55	Marshall Greer Jr 68
Jean Harvey 32	STAN 8:41.51NV	Judy Lim-Sharpe 53	Margot Pettijohn 58
Neil C Nelson 56	Tim Broderick 53	Mina P Kushner 49	Nathan E Meadows 30
Jon R Jacques 43	Linda Gallo 28	John Feinstein 49	Judy Lim-Sharpe 53
CARL 4:50.54	Jody Smith 35	FINM 2:14.66	MELO 2:31.07
Jeff Gross 53	James Kemp 49	Nancy Gravel 46	R Brittingham 53
Kerry E Lutzker 38	HSAM 9:08.64	Susan S Boudreaux 50	Dennis Rodgers 54
Kirsten H Pursell 37	S Lovell-Hampton 38	Hank Miltenberger 52	Judy Strauss 50
David N Padgett 35	Lee E Mench 52	Thomas C Proctor 55	Scott Marshall 43
MICH 4:52.40	Nancy A North 36	TAM 2:15.20	MVN 2:32.08
Frank L Thompson 53	Vernon S Rogers 43	Richard Burns 61	Gwen Uthus 50
Alison G Badger 38	MVM 10:23.09	Kenneth Frost 60	Val Trowbridge 50
Kenneth R McGuire 34	C Misa Sugiura 35	Laura B Val 53	John Campbell 57
Sally K Guthrie 54	Bob D Stenz 43	Nancy Ridout 62	Joy Leutner 46
	Chris Campbell 43	NOVA 2:20.14	
400 M. MEDLEY R MIXED 160+	Irene Smith 46	Henry Greenberg 56	
	O*H*I*O MASTERS 10:40.25	E Deschenes 51	
	Laura Kessler 44	G von Hoffmann 48	
OLYMPIC CLUB 4:32.89 95	Eve Weishar 47	Jennifer Ball 45	400 M. FREE REL MIXED 200+
FRED FERROGGIARO	Daniel Cox 44	BMW 2:22.01	SAN DIEGO 4:10.72 03
ROBERT STRAND	Todd Stultz 44	Cory S Ferrara 46	BARBARA DUNBAR
LYNN JOLLY	RHMS 11:02.60	Thomas W Whatley 53	MICHAEL AHERN
DANIELLE OGIER	Bill Adkison 49	Sheldon H Finch 52	K PIPES-NEILSEN
STAN 4:33.19	Melissa Adkison 52	Martha A Higdon 52	MIKE KEENEY
Jody Smith 35		NOVA 2:20.14	NEM 4:30.00
James Kemp 49		Henry Greenberg 56	Larry Hinline 49
		E Deschenes 51	Susan N Ketchen 52
		G von Hoffmann 48	Barb B Handler 47
		Jennifer Ball 45	Homer W Lane 55
		BMW 2:22.01	
		Cory S Ferrara 46	
		Thomas W Whatley 53	
		Sheldon H Finch 52	
		Martha A Higdon 52	
		RHMS 2:23.63	
		Felicia Eriksen 48	
		Don Davis 60	

2004 Short-Course Meters - Top-Ten Relays

WCM	4:32.03	NEM	7:27.44	Manya Hult	59	Joe Buys	60
Jesse B Smyers	58	Mary E Camire	51	Alan T Johnson	67	GAJA	6:17.60
Debbie M Swigert	49	Michael J Forbes	54	John M Lewis	58	John Zeigler	59
James P King	58	Judy K Beckman	45	NEM	3:08.48	Sandy Skarsaune	61
Suzann Heim-Bowen	46	Lee S Lovitz	59	Carol A Mitchell	55	Winifred Prall	57
GBM	4:45.88	NEM	7:40.18	JoAnne F Young	72	George Gfroerer	71
Bruce E Mohl	58	Carol M Yunker	57	Peter P Phildius	74	MELO	6:19.69
Nancy Tunstall	42	J Barry Mahoney	60	Robert C Hicks	54	Richard L Bennett	74
Ann B Fredette	59	Elizabeth A Kane	55	GAJA	3:13.88	Ann Kay	70
Edmund J Gendreau	42	James Ed Kearns	48	Jack Mitchell	77	Edith Collin	59
MELO	4:48.94			Winifred Prall	57	John V Collin	59
R Brittingham	53	800 M. FREE REL MIXED 200+		Sandy Skarsaune	61	HSAM	6:27.90
Dennis Rodgers	54	NEW ENGLAND	9:11.93 02	John Zeigler	59	David Szuch	61
Judy Strauss	50	GREG SHAW		ES	3:17.94	Patricia Emerich	51
Scott Marshall	43	JACKI HIRSTY		Diane Lepler	61	Gene Sapper	75
RHMS	4:52.95	TRACY GRILLI		Cecile Many	50	Sue Brassy	57
George Viguie	60	DANIEL ROGACKI		Elmer A Frost	81		
Melissa Adkison	52			Walter Block	63	400 M. MEDLEY R MIXED 240+	
Felicia Eriksen	48	BMW	10:25.79			SAN DIEGO	5:26.79 04
Ken Ericsson	44	Brian X Skuse	48	200 M. MEDLEY R MIXED 240+		K PIPES-NEILSEN	
RHMS	4:56.39	Jacklyn N Litman	54	SAN DIEGO	2:23.09 03	MIKE FRESHLEY	
Eric Van Boer	50	Sheldon H Finch	52	JACKIE MARR		LYNN LUND	
Susie Powell	52	Cory S Ferrara	46	PETER ANDERSEN		DONALD BAKER	
Cassandra Coffee	43	MOVY	11:36.79	MICHAEL AHERN		SDSM	5:26.79
Don Davis	60	Bill Sherman	46	LYNNE LUND		K Pipes-Neilsen	42
O*H*I*O MASTERS	5:09.78	Sara T Curran	50	SDSM	2:25.60	Mike Freshley	63
Laura Kessler	44	Kelly L Brown	45	K Pipes-Neilsen	42	Lynne Lund	64
Gerald Meyer	60	Landon C Kirchner	66	Donald Baker	73	Donald Baker	73
Melinda Smith	52	GAJA	12:25.21	Lynne Lund	64	GBM	7:03.93
Daniel Cox	44	Liz Myers	30	Vinus van Baalen	62	Alan T Johnson	67
WCM	5:16.91	Winifred Prall	57	VMST	2:49.09	Susan H Barbary	54
Karen M Tukua	54	John Zeigler	59	Beth Schreiner	63	Manya Hult	59
Stephanie Scott	57	Jack Mitchell	77	Joann Leilich	65	Phil Read	62
Stephen B Puryear	56	MELO	12:29.31	Stephen J Tassi	52	HSAM	7:19.50
Chris Stewart	53	R Brittingham	53	Bob Leilich	64	Nancy L Reed	77
NEM	5:42.02	Dave Mandelkern	45	ES	3:11.33	Gene Sapper	75
Ross Fuerman	51	Judy Strauss	50	Patricia F Arnold	65	Patty M Starks	44
Ruth L Staviv	67	Dennis Rodgers	54	Edward F O'Brien	55	Bruce Menzies	55
Judith Sharlin	51	SWIM KENTUCKY	12:46.99	Robert S Reimers	61	MICH	8:27.85
Russell L Forman	43	Frank Diebold	56	Barbara M Bower	66	Richard Evans	80
LBG	8:12.20	Glenn Hubbuch	59	MELO	3:13.55	Jennifer Parks	61
Patricia Nielson	72	Debbie Utz	51	Richard L Bennett	74	Donald Kroeger	61
Michael Carbuto	51	Wendy Medley	50	John V Collin	59	Laura Gogola	68
Kimberly Stanford	40	LBG	16:25.19	Ann Kay	70	800 M. FREE REL MIXED 240+	
Bill Armstrong	62	Patricia Nielson	72	Edith Collin	59	SAN DIEGO	10:53.84 01
		Michael Carbuto	51	NCMS	3:16.81	STEVE MOSELEY	
		Yvette Marthell	28	G Van Meeteren	60	BETSY JORDAN	
		Howard Ferguson	50	Bob Husson	59	MICHAEL AHREN	
400 M. MEDLEY R MIXED 200+				Nabil Costandy	73	JACKIE MARR	
OREG	4:36.34 04	200 M. FREE REL MIXED 240+		GBM	3:23.31	GOLD	10:54.03
K ANDRUS-HUGHES		GOLD	2:04.01 04	Alan T Johnson	67	Peggy McDonnell	49
ALLEN STARK		DAVID MCINTYRE		Susan Read	59	Anne LaBorwit	54
COLETTE CRABBE		ANNE LABORWIT		Manya Hult	59	Alan Rapperport	71
LARRY PHILBRICK		ALAN RAPPERPORT		Phil Read	62	David McIntyre	67
OREG	4:36.34	PEGGY MCDONNELL		400 M. FREE REL MIXED 240+		MICH	13:40.14
K Andrus-Hughes	47	GOLD	2:04.01	GOLD COAST	4:44.24 04	Donald Kroeger	61
Allen Stark	55	David McIntyre	67	DAVID MCINTYRE		Jennifer Parks	61
Colette Crabbe	48	Anne Laborwit	54	ANNE LABORIT		Wally Dobler	70
Larry Philbrick	52	Alan Rapperport	71	ALAN RAPPERPORT		Joyce Kowalski	62
GBM	5:18.45	Peggy McDonnell	49	PEGGY MCDONNELL		O*H*I*O MASTERS	14:35.03
Nancy Tunstall	42	SDSM	2:04.52	GOLD	4:44.24	Tom Spence	60
Bruce E Mohl	58	K Pipes-Neilsen	42	David McIntyre	67	Prudy Hall	66
Edmund J Gendreau	42	Donald Baker	73	Anne LaBorwit	54	Doug Brogan	72
Ann B Fredette	59	Lynne Lund	64	Alan Rapperport	71	Marianne Brogan	69
SPM	5:40.82	Vinus van Baalen	62	Peggy McDonnell	49	HSAM	15:40.52
Christine Swanson	42	ISF	2:19.70	OREG	5:06.15	David Szuch	61
Peter Betzer	62	Mel Goldstein	66	Janet Gettling	56	Gene Sapper	75
Gary Bastie	54	Susan Francis	51	Joy Ward	62	Nancy Reed	77
Pam Geiger	52	George Quigley	64	George Thayer	68	Patricia Emerich	51
NEM	6:43.22	Susan L Meyers	62	Robert Smith	61	200 M. FREE REL MIXED 280+	
Ruth L Staviv	67	NCMS	2:41.31	MICH	5:48.23	SAN DIEGO	2:29.78 99
Judith Sharlin	51	Nabil Costandy	73	Don Ferencz	61	JEANNE LITTLE	
Ross Fuerman	51	G Van Meeteren	57	Laura Gogola	68	BETSY JORDAN	
Stephen A Roach	54	Susan Husson	60	Sally Guthrie	54		
HSAM	7:18.88	Hans Van Meeteren	60				
Erin M Page	38	GBM	2:52.29				
Bernie Pollett	68	Alice C Seidel	63				
David E Szuch	61						
Paul M Nagel	58						

2004 Short-Course Meters - Top-Ten Relays

DONALD HUBBARD
JIM EUBANK
FACT 3:00.29
Martha Henderson 68
Jean Sterling 68
Robert Sigersmith 80
Dren Geer 70
SPM 3:08.74
Elaine Bromwich 62
Robert Atwood 84
Sandy Steer 65
Harold Ferris 74
ES 3:19.40
Barbara Bower 66
C R Bower 74
Janice P Campbell 58
Maurice M Stern 88

200 M. MEDLEY R MIXED 280+

SAN DIEGO 2:49.11 03
BETSY JORDAN
BOB BEST
DUANE DRAVES
ADRIENNE PIPES

FACT 2:56.74
Bunny Cederlund 83
Meegan Wilson 56
Dren Geer 70
Robert Sigersmith 80

WCM 3:01.83
Robert W Mayo 71
Ann M Hirsch 73
Stan F Morner 70
Donna Monroe 71

SPM 3:14.28
Richard Avery 81
Elaine Bromwich 62
Harold Ferris 74
Sandy Steer 65

WCM 3:15.53
Betty Mc Millan 75
Jim E Perilman 65
A Emory Haworth 68
Jae Howell 82

USF 3:46.83
Margaret Voorhees 76
Tanako Hagiwara 66
William E Grohe 71
Daniel R Osborne 70

FMM 3:47.89
Gertrud Zint 87
Jean Allen 64
James Browne 66
James Pitts 74

SMMM 5:33.41
Asako A Maningo 79
Don L Stupfel 76
Gloria M Stupfel 78
Fred High 83

400 M. FREE REL MIXED 280+

OJAI S BARBARA 5:49.30 95
FRANK PIEMME
RUTH BAAR
GRACE ALTUS
JURGEN SCHMIDT

WCM 6:13.99
Stan F Morner 70
Ann Hirsch 73
Robert Mayo 71
Donna Munroe 71

USF 6:47.28
William E Grohe 71
Margaret Voorhees 76
Tanako Hagiwara 66
Daniel R Osborne 70

WCM 7:07.87
Betty Mc Millan 75
Jim E Perilman 65
Jean M Duncan 72
Stan Pedder 69
HSAM 7:30.81
David E Szuch 61
Gene Sapper 75
Nancy L Reed 77
Bernie Pollett 68

400 M. MEDLEY R MIXED 280+

FLA MAVERICK 6:34.16 00
PAUL HUTINGER
ALAN MALONEY
PATRICIA TULLMAN
JEAN TROY

NO RELAYS

800 M. FREE REL MIXED 280+

SAN DIEGO 12:50.06 02
JIM EUBANK
ADRIENNE PIPES
DUANE DRAVES
BARBARA DUNBAR

O*H*I*O MASTERS 14:07.04
Lilly Kron 73
Betty Russ 77
John Daily 77
Yoshi Oyakawa 71

HSAM 16:38.62
David E Szuch 61
Gene Sapper 75
Nancy L Reed 77
Bernie Pollett 68

200 M. FREE REL MIXED 320+

SANTA BARBARA 2:51.05 04
FRANK PIEMME
GRACE ALTUS
RUTH BAAR
JURGEN SCHMIDT

SBM 2:51.05
Frank Piemme 79
Grace Altus 80
Ruth Baar 82
Jurgen Schmidt 81

200 M. MEDLEY R MIXED 320+

FL MAVERICKS 3:26.35 03
PAUL HUTINGER
JUNE REYNOLDS
JEAN TROY
BRUD CLEVELAND

SBM 3:35.60
Ruth Baar 82
Frank Piemme 79
Jurgen Schmidt 81
Grace Altus 80

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

NO RELAYS

Errata for 2003-2004 Long-Course Meters

There are no errata for the
2003-2004 Long-Course Meters.

Fina Masters World Records - Short-Course Meters

(as of 11-1-04)

WRL SCM RECORDS AS OF 11-01-04

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

Fina Masters World Records - Short-Course Meters

(as of 11-1-04)

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

Fin Masters World Records - Short-Course Meters

(as of 11-1-04)

***** M E N *****			65-69 *****			***** W O M E N *****			
27.05	12-15-02	USA	JEFF FARRELL	50	M. FREE	PAM HUTCHINGS	AUS	03-17-02	32.77
1:01.36	12-15-02	USA	JEFF FARRELL	100	M. FREE	YOSHIKO OSAKI	JPN	02-15-04	1:13.48
2:18.71	12-15-02	USA	JEFF FARRELL	200	M. FREE	YOSHIKO OSAKI	JPN	05-09-04	2:42.05
5:06.06	04-26-03	ITA	FABRIZIO MOMONI	400	M. FREE	YOSHIKO OSAKI	JPN	04-29-03	5:46.94
10:35.13	06-02-96	USA	GRAHAM JOHNSTON	800	M. FREE	YOSHIKO OSAKI	JPN	06-01-03	11:49.70
19:53.18	06-02-96	USA	GRAHAM JOHNSTON	1500	M. FREE	YOSHIKO OSAKI	JPN	05-09-04	22:35.98
33.38	10-31-99	USA	YOSHI OYAKAWA	50	M. BACK	PAM HUTCHINGS	AUS	09-08-01	38.25
1:14.04	05-15-04	NZL	BARRY YOUNG	100	M. BACK	PAM HUTCHINGS	AUS	09-08-01	1:25.53
2:47.59	01-15-98	JPN	S SEKIKAWA	200	M. BACK	PAM HUTCHINGS	AUS	09-08-01	3:08.61
35.46	11-11-01	JPN	HIROSHI KOTEGAWA	50	M. BRST	SHOKO YONEZAWA	JPN	01-20-02	43.07
1:21.34	01-28-96	CAN	NICK TEMPLEMAN	100	M. BRST	JOANN LEILICH	USA	03-20-04	1:32.37
3:00.27	07-24-04	AUS	MICHAEL MOLONEY	200	M. BRST	JOANN LEILICH	USA	03-20-04	3:17.44
30.70	10-06-01	USA	BOB BAILIE	50	M. FLY	YOSHIKO OSAKI	JPN	05-25-03	36.79
1:13.32	01-19-03	USA	BERT PETERSEN	100	M. FLY	YOSHIKO OSAKI	JPN	05-25-03	1:25.28
2:57.23	09-19-04	JPN	TAISUKE MIYAZAKI	200	M. FLY	YOSHIKO OSAKI	JPN	06-08-03	3:17.36
1:12.51	12-15-02	USA	JEFF FARRELL	100	M. I.M.	YOSHIKO OSAKI	JPN	06-27-04	1:25.39
2:46.35	12-15-02	USA	JEFF FARRELL	200	M. I.M.	YOSHIKO OSAKI	JPN	04-11-04	3:06.37
6:04.40	11-23-96	USA	GRAHAM JOHNSTON	400	M. I.M.	YOSHIKO OSAKI	JPN	05-11-03	6:34.95
***** M E N *****			70-74 *****			***** W O M E N *****			
28.55	10-05-03	USA	RONALD JOHNSON	50	M. FREE	JANE ASHER	GBR	05-22-04	33.86
1:06.26	10-12-01	USA	GRAHAM JOHNSTON	100	M. FREE	JANE ASHER	GBR	05-16-04	1:16.45
2:24.31	12-09-01	USA	GRAHAM JOHNSTON	200	M. FREE	JANE ASHER	GBR	10-25-03	2:49.28
5:09.75	03-16-02	USA	GRAHAM JOHNSTON	400	M. FREE	JANE ASHER	GBR	09-28-03	6:00.34
10:52.68	10-12-01	USA	GRAHAM JOHNSTON	800	M. FREE	JANE ASHER	GBR	02-23-01	12:32.86
20:54.56	10-06-01	USA	GRAHAM JOHNSTON	1500	M. FREE	JANE ASHER	GBR	11-23-03	24:00.81
33.90	12-07-03	USA	YOSHI OYAKAWA	50	M. BACK	JANE ASHER	GBR	09-09-01	42.44
1:15.85	11-01-03	USA	YOSHI OYAKAWA	100	M. BACK	JANE ASHER	GBR	04-29-01	1:34.17
2:51.24	10-12-03	USA	BURWELL JONES	200	M. BACK	JANE ASHER	GBR	07-29-01	3:20.96
37.47	05-21-01	CAN	NICK TEMPLEMAN	50	M. BRST	ELIANE PELLIS	BEL	02-08-03	44.00
1:25.11	10-05-03	USA	RONALD JOHNSON	100	M. BRST	ELIANE PELLIS	BEL	02-08-03	1:36.86
3:12.98	10-05-03	USA	RONALD JOHNSON	200	M. BRST	JUDIE OLIVER	CAN	04-07-02	3:44.03
32.57	06-16-01	USA	RONALD JOHNSON	50	M. FLY	JANE ASHER	GBR	09-30-01	39.82
1:19.51	10-14-01	USA	RONALD JOHNSON	100	M. FLY	JANE ASHER	GBR	10-21-01	1:34.70
3:08.60	05-11-03	JPN	TAKASHI HAYASHI	200	M. FLY	JUNE KRAUSER	USA	10-13-96	3:38.39
1:15.92	06-16-01	USA	RONALD JOHNSON	100	M. I.M.	JANE ASHER	GBR	04-29-01	1:31.75
2:51.73	10-26-03	USA	BURWELL JONES	200	M. I.M.	JUDIE OLIVER	CAN	04-07-02	3:21.52
6:21.46	10-26-03	USA	BURWELL JONES	400	M. I.M.	JANE ASHER	GBR	07-29-01	7:09.96
***** M E N *****			75-79 *****			***** W O M E N *****			
31.06	10-12-01	USA	FRANK PIEMME	50	M. FREE	GAIL ROPER	USA	02-15-04	37.60
1:11.55	12-10-00	USA	FRANK PIEMME	100	M. FREE	JEAN TROY	USA	10-13-02	1:26.20
2:46.55	05-29-04	BRA	ARAM BOGHOSSIAN	200	M. FREE	JEAN TROY	USA	09-15-02	3:11.99
6:01.32	12-10-00	USA	FRANK PIEMME	400	M. FREE	JEAN TROY	USA	12-08-02	6:44.09
12:07.94	11-24-03	JPN	HIROSHI YOSHIMURA	800	M. FREE	JEAN TROY	USA	11-03-02	13:59.01
22:52.00	11-24-03	JPN	HIROSHI YOSHIMURA	1500	M. FREE	ELIZABETH WALLIS	AUS	06-25-02	27:33.16
37.47	03-15-98	JPN	KEIJIRO NAKAMURA	50	M. BACK	DORIS STEADMAN	USA	11-07-99	44.76
1:24.21	03-15-98	JPN	KEIJIRO NAKAMURA	100	M. BACK	DORIS STEADMAN	USA	12-10-00	1:39.76
2:58.21	04-06-02	USA	ROGER FRANKS	200	M. BACK	DORIS STEADMAN	USA	11-07-99	3:38.25
39.97	05-14-00	JPN	TOSHIO TAJIMA	50	M. BRST	EDITH BOHM	GER	01-26-03	47.15
1:28.61	01-30-99	GER	ROBERT PFERSDORFF	100	M. BRST	SYLVIA NEUHAUSER	AUT	03-14-04	1:47.80
3:21.50	11-05-00	GER	KARL HAUTER	200	M. BRST	SYLVIA NEUHAUSER	AUT	05-16-04	3:54.55
34.83	12-10-00	USA	FRANK PIEMME	50	M. FLY	GAIL ROPER	USA	02-15-04	46.14
1:32.07	11-05-00	GER	ROBERT PFERSDORFF	100	M. FLY	GAIL ROPER	USA	02-15-04	1:50.72
3:26.72	04-24-99	GER	ROBERT PFERSDORFF	200	M. FLY	LOIS KIVI NOCHMAN	USA	05-17-99	4:08.39
1:24.90	12-10-00	USA	FRANK PIEMME	100	M. I.M.	SYLVIA NEUHAUSER	AUT	05-16-04	1:45.44
3:10.06	11-05-00	GER	KARL HAUTER	200	M. I.M.	JUNE KRAUSER	USA	10-07-01	3:43.58
6:52.62	11-04-01	GER	KARL HAUTER	400	M. I.M.	JUNE KRAUSER	USA	10-07-01	7:52.71
***** M E N *****			80-84 *****			***** W O M E N *****			
32.61	06-20-04	JPN	KEIJIRO NAKAMURA	50	M. FREE	MARGERY MEYER	USA	10-13-02	41.34
1:16.09	05-18-03	JPN	KEIJIRO NAKAMURA	100	M. FREE	MARGERY MEYER	USA	10-13-02	1:34.45
3:00.63	10-10-99	USA	RAY TAFT	200	M. FREE	MARGERY MEYER	USA	10-13-02	3:27.57
6:27.60	12-12-99	USA	RAY TAFT	400	M. FREE	MARGERY MEYER	USA	10-13-02	7:22.84
13:29.27	12-12-99	USA	RAY TAFT	800	M. FREE	MARGERY MEYER	USA	10-05-02	15:47.12
25:35.01	12-12-99	USA	RAY TAFT	1500	M. FREE	MARGERY MEYER	USA	10-05-02	29:39.08
38.26	04-27-03	JPN	KEIJIRO NAKAMURA	50	M. BACK	MARGERY MEYER	USA	10-13-02	50.03
1:25.77	01-26-03	JPN	KEIJIRO NAKAMURA	100	M. BACK	MARGERY MEYER	USA	10-13-02	1:55.79
3:10.06	05-25-03	JPN	KEIJIRO NAKAMURA	200	M. BACK	EDITH THEIN	ISR	02-21-98	4:03.55
44.56	11-16-97	JPN	Y MIYAMOTO	50	M. BRST	SATOKO SUZUKI	JPN	05-11-03	50.48
1:43.91	11-03-97	JPN	Y MIYAMOTO	100	M. BRST	SATOKO SUZUKI	JPN	05-11-03	1:54.30
3:50.86	01-10-04	NED	MAX VAN GELDER	200	M. BRST	DOROTHY WILLIAMS	GBR	04-06-03	4:38.57
41.87	12-05-99	USA	ANDREW HOLDEN	50	M. FLY	LOIS KIVI NOCHMAN	USA	01-18-04	55.65
1:43.26	02-21-04	NED	MAX VAN GELDER	100	M. FLY	LOIS KIVI NOCHMAN	USA	01-18-04	2:02.63
4:00.64	06-08-97	USA	ANTON CERER	200	M. FLY	LOIS KIVI NOCHMAN	USA	01-18-04	4:36.80
1:35.31	12-12-99	USA	RAY TAFT	100	M. I.M.	MARGERY MEYER	USA	10-05-03	2:02.01
3:35.06	10-19-97	USA	ALDO DA ROSA	200	M. I.M.	LOIS KIVI NOCHMAN	USA	02-08-04	4:30.54
7:37.58	12-12-99	USA	RAY TAFT	400	M. I.M.	LOIS KIVI NOCHMAN	USA	01-18-04	9:31.73

Fina Masters World Records - Short-Course Meters

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

FINA Masters World Records - Short-Course Meters

(as of 11-1-04)

WRL SCM RECORDS AS OF 11-01-04

***** RELAY 200 M. FREE - WOMEN *****			***** RELAY 200 M. MEDLEY - WOMEN *****		
100-119 MICHIGAN-USA	03-31-96	1:45.93	100-119 SPENCER-GBR	10-26-97	2:04.54
DYNE BURRELL	SUSIE DEVLIN		HELEN JAMESON	SUSAN HILL	
MARY MUETING	SHEILA TAORMINA		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 AZ & PC - NED	02-21-04	1:53.18	160-199 SAN DIEGO	10-05-03	2:06.09
MARJA BLOEMZAAD	PETRA FROWIJN		K PIPES-NEILSEN	CAROLINE KRATTLI	
ATIE PYTAK	LIDIA VAN BON		VICKY DAVIDSON	JANET COOVER	
200-239 SAN DIEGO-USA	12-14-03	2:04.54	200-239 KENILWORTH-GBR	11-03-02	2:16.56
K PIPES-NEILSEN	CAROLINE KRATTLI		JACQUILINE GRACE	ELAINE BROMWICH	
LUNN LUND	JACKIE MARR		JUDY WILSON	MICHELLE DIGE	
240-279 DC MASTERS-USA	03-25-00	2:19.96	240-279 ST KANSAI-JPN	06-18-00	2:37.58
BARBARA FRID	BETH SCHREINER		HISAKO ISHIDA	KAZUKO KAJIWARA	
JAYNE BRUNER	JOANN LEILICH		YOSHIKO OSAKI	FUSAKO HIROOKA	
280-319 SOLK HELLAS-SWE	03-17-01	2:42.44	280-319 I.TAKATSUKI-JPN	02-01-04	3:07.77
B HJALMARSSON	MARIANNE GRANE		KEIKO FUJIMOTO	KAZUMI KUWATA	
KERSTIN GJORES	BRITT GRILLI		HISAKO SATO	KIYOKO IKEUCHI	
320-359 MAVERICKS-USA	10-13-02	3:25.71	320-359 MAVERICKS-USA	10-13-02	4:13.67
JEAN TROY	KAY SCHIMPF		REGAN KENNER	GERTRUD ZINT	
GERTRUD ZINT	FLORENCE CARR		FLORENCE CARR	KAY SCHIMPF	
360-399			360-399		
***** RELAY 200 M. FREE - MEN *****			***** RELAY 200 M. MEDLEY - MEN *****		
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 CROWJE	
120-159 SODERTALIE-SWE	10-05-02	1:34.59	120-159 CALGARY-CAN	03-30-03	1:44.09
JOHN MIRANDA	JOHN AKESSON		JEFF WELECUK	RUSS PATRICK	
ANDERS BLADH	PATRIC ROBERTSSON		MARK JESSEE	PETER HENRY	
160-199 ACADEMIA-BRA	11-09-02	1:39.45	160-199 POLISPORTIV-ITA	01-11-04	1:49.87
PAULO NEGRINI	LEONIDAS NETO		PAOLO FELOTTI	MARCO BOBBIO	
RICARDO DAVIS	RICARDO SANTOS		ROBERTO TARRICONE	GENNARO LA SALA	
200-239 COLONIALS-USA	12-07-03	1:40.71	200-239 GOLD-USA	12-03-00	1:57.07
PAUL TREVISAN	THOMAS MEADE		JOHN SPIRE	GEORGE SCHMIDT	
MICHAEL SLENKER	GREGORY OXLEY		JOEL BURNS	ROGER HAWKINS	
240-279 SAN DIEGO-USA	12-14-03	1:50.90	240-279 OREGON-USA	12-07-03	2:05.07
PETER ANDERSEN	MIKE FRESHLY		ROBERT SMITH	ALLEN STARK	
MICHAEL AHERN	VINUS VAN BAALEN		BERT PETERSEN	TOM LANDIS	
280-319 TEAM TEXAS-USA	10-06-01	2:04.66	280-319 DOLPHIN-JPN	10-19-03	2:26.99
GRAHAM JOHNSTON	FRANK CAMPBELL		S SEKIKAWA	MAMORU TANAKA	
EUGENE FERGUSON	BOB BAILIE		HISAO MIKURIYA	JIRO NAGASAWA	
320-359 JUEI CLUB-JPN	04-27-03	2:20.85	320-359 JUEI CLUB-JPN	04-27-03	2:50.63
SHOICHI SHIDA	KEIJIRO NAKAMURA		KEIJIRO NAKAMURA	K SHIRAYAMA	
KATSUZO SHIRAYAMA	ISAMU TAMURA		SHOICHI SHIDA	ISAMU TAMURA	
360-399			360-399		
***** RELAY 200 M. FREE - MIXED *****			***** RELAY 200 M. MEDLEY - MIXED *****		
100-119 EL SEGUNDO-USA	12-14-97	1:41.62	100-119 TEAM DASH - JPN	02-01-04	1:52.76
BERT BERGEN	D GRANER GALLAS		HIDEAKI OGAWA	HIDEAKI TOGO	
MARCEL RINZLER	HEIDI HANNENTIAN		YAYOI SAKAMOTO	MIHO OKUHARA	
120-159 METR-USA	11-18-01	1:42.59	120-159 TEAM DASH - JPN	11-11-01	1:54.13
MARC GRABISCH	JANET HARRIS		KENTARO NAKAMURA	TAKASHI HIRAKAWA	
MARIA DOELGER	MICHAEL BOOSIN		CHIHIRO SUGIMOTO	YUKIKO OZAWA	
160-199 NOTTINGHAM-GBR	10-25-03	1:47.12	160-199 N TORONTO-CAN	03-28-04	1:59.40
KEVIN HARRISON	MARGARET HOHMAN		DEREK MURCHIE	JUDY GARAY	
JOANNE BULLOCK	MIKE BRETT		JOHN SCOTT	KATIE OSBORNE	
200-239 NEW ENGLAND-USA	11-10-02	1:49.36	200-239 NEW ENGLAND-USA	11-10-02	2:03.52
DANIEL ROGACKI	JOEL FELDMANN		JOEL FELDMANN	DANIEL ROGACKI	
JENNIFER LUKER	GREG SHAW		GREG SHAW	JENNIFER LUKER	
240-279 FHM BIRMING-GBR	10-25-03	2:05.13	240-279 KANSAI-JPN	10-29-00	2:17.68
JOHN TENNANT	JUDY WILSON		YOSHIKO OSAKI	YOSHIHIKO OSAKI	
PAULINE COOKE	KEN WILLIAMS		CHITOSHI KONISHI	FUSAKO HIROOKA	
280-319 JUEI CLUB-JPN	04-29-03	2:17.03	280-319 JUEI CLUB-JPN	01-26-03	2:40.74
TERUKO NISHISAKO	MIYOKO IMURA		KEIJIRO NAKAMURA	TERUKO NISHISAKO	
SHOICHI SHIDA	KEIJIRO NAKAMURA		SHOSHIN MORI	YURIKO NAGAMATSU	
320-359 F MAVERICKS-USA	10-12-03	2:57.86	320-359 SUNWAY YOKO-JPN	02-01-04	3:21.16
FLORENCE CARR	JUNE REYNOLDS		SHOGORO AZUMA	Y.MIYAMOTO	
PAUL HUTINGER	BRUD CLEAVELAND		SHOKO YONEZAWA	MASAE KURATA	
360-399 RIO MASTERS-BRA	05-29-04	5:19.01	360-399 COAST MSTR-USA	10-19-03	5:12.04
MANOEL LOUREIRO	LUZIA CARACCILO		MADELEINE MILLER	MAXINE MERLINO	
MARIA LENK	GASTAO FIGUEIREDO		WALTER PFEIFFER	WOODROW BOWERSOCK	

Fina Masters World Records - Long-Course Meters

(as of 11-1-04)

		WRL LCM RECORDS AS OF 11-01-04									
		***** M E N *****					***** W O M E N *****				
		***** 25-29 *****					***** 30-34 *****				
22.59	08-28-83	USA	KEVIN DEFORREST	50	M.	FREE	ANNABEL KOSTEN	NED	02-15-04	25.42	
50.74	08-13-00	USA	NICK SHACKELL	100	M.	FREE	ALISON SHEPPARD	GBR	05-30-98	58.22	
1:52.17	08-23-92	USA	JOHN KEPPELER	200	M.	FREE	SARA SHAND	USA	- -89	2:07.11	
4:00.98	08-18-02	USA	HONZA VITAZKA	400	M.	FREE	SARA SHAND	USA	- -89	4:27.53	
8:24.67	06-29-97	USA	ALEX KOSTICH	800	M.	FREE	EVA MORTENSEN	GBR	04-26-96	9:17.09	
16:13.89	08-10-97	USA	ALEX KOSTICH	1500	M.	FREE	AMY POPE	USA	08-28-88	17:38.78	
26.68	06-05-94	GBR	MARTIN HARRIS	50	M.	BACK	NAHOMI ERIGUCHI	JPN	10-03-04	30.52	
57.45	04-13-97	NZL	JON WINTER	100	M.	BACK	ALISON SHEPPARD	GBR	05-29-98	1:05.02	
2:05.86	06-05-94	GBR	MARTIN HARRIS	200	M.	BACK	KANA OHASHI	JPN	09-26-04	2:19.08	
28.68	06-25-96	GBR	JAMES PARRACK	50	M.	BRST	S SEMINATORE	ITA	- -89	32.01	
1:04.11	06-24-96	GBR	JAMES PARRACK	100	M.	BRST	MANUELA NAECKEL	GER	06-25-99	1:13.15	
2:20.25	10-07-02	AUS	SIMON LEIGHFIELD	200	M.	BRST	HITOMI MAEHARA	JPN	07-21-03	2:40.83	
24.88	03-29-98	NZL	JON WINTER	50	M.	FLY	MARJA PARSSINEN	FIN	10-26-97	28.09	
55.35	08-18-02	USA	HONZA VITAZKA	100	M.	FLY	ROSEMARIE SEAMAN	USA	- -87	1:03.91	
2:04.14	09-28-03	JPN	KIMITAKE MINOBE	200	M.	FLY	S PALMER-WHITE	AUS	- -92	2:18.69	
				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 *****				
		***** 35-39 *****					***** 40-44 *****				
23.21	11-24-90	USA	ROWDY GAINES	50	M.	FREE	TONI JEFFS	NZL	03-30-02	25.99	
51.50	07-14-91	USA	ROWDY GAINES	100	M.	FREE	ANGEL MARTINO	USA	06-03-00	57.09	
1:54.04	07-13-90	USA	ROWDY GAINES	200	M.	FREE	BETH KNIGHT	USA	08-20-89	2:07.84	
4:05.61	08-11-02	USA	ERIC HOCHSTEIN	400	M.	FREE	K PIPES-NEILSEN	USA	08-11-96	4:28.76	
8:40.19	11-14-93	USA	ROWDY GAINES	800	M.	FREE	LYNN MARSHALL	CAN	07-05-92	9:16.82	
16:35.67	04-11-03	GER	SEBASTIAN WIESE	1500	M.	FREE	KAREN BURTON	USA	05-19-96	17:38.70	
26.64	03-29-02	GBR	MARTIN HARRIS	50	M.	BACK	D GRANER GALLAS	USA	06-26-96	30.94	
57.24	06-02-00	GBR	MARTIN HARRIS	100	M.	BACK	D GRANER GALLAS	USA	06-27-96	1:05.42	
2:02.75	11-24-00	BRA	ROGERIO ROMERO	200	M.	BACK	K PIPES-NEILSEN	USA	08-11-96	2:18.98	
29.17	08-27-03	AUT	P SCHMOLLINGER	50	M.	BRST	WENKE HANSEN	USA	08-23-99	33.84	
1:04.40	08-29-03	AUT	P SCHMOLLINGER	100	M.	BRST	MARGARET HOHMANN	GBR	- -88	1:14.52	
2:20.43	08-25-99	GBR	NICK GILLINGHAM	200	M.	BRST	WENKE HANSEN	USA	08-23-99	2:41.51	
25.16	07-08-00	USA	BRIAN ALDERMAN	50	M.	FLY	ANGEL MARTINO	USA	06-03-00	27.59	
56.25	08-15-04	USA	RAZVAN PETCU	100	M.	FLY	ANGEL MARTINO	USA	07-23-00	1:00.03	
2:03.85	08-04-95	USA	BOBBY PATTEN	200	M.	FLY	EUGENIYA OJOGUINA	RUS	08-26-99	2:20.07	
				100	M.	I.M.					
2:08.89	07-29-00	FRA	NICOLAS GRANGER	200	M.	I.M.	NADINE DAY	USA	06-04-04	2:24.12	
4:39.92	07-31-00	FRA	NICOLAS GRANGER	400	M.	I.M.	HIDEKA KOSHIMIZU	JPN	10-22-95	5:05.05	
		***** M E N *****					***** W O M E N *****				
		***** 45-49 *****					***** 50-54 *****				
23.20	07-17-94	JPN	ROWDY GAINES	50	M.	FREE	EDITH OTTERMANN	RSA	06-09-04	26.53	
51.49	07-16-95	USA	ROWDY GAINES	100	M.	FREE	TRACIE MOLL	USA	08-23-98	58.38	
1:54.86	08-17-01	USA	RICHARD SAEGER	200	M.	FREE	K PIPES-NEILSEN	USA	08-10-97	2:06.94	
4:07.64	07-16-95	USA	ROWDY GAINES	400	M.	FREE	K PIPES-NEILSEN	USA	08-10-97	4:26.17	
8:38.73	11-12-95	USA	ROWDY GAINES	800	M.	FREE	K PIPES-NEILSEN	USA	08-16-97	9:16.20	
16:37.34	11-13-94	USA	ROWDY GAINES	1500	M.	FREE	K PIPES-NEILSEN	USA	08-13-00	17:46.58	
27.50	08-15-04	USA	MICHAEL ROSS	50	M.	BACK	K PIPES-NEILSEN	USA	05-22-99	31.43	
59.91	08-20-00	USA	ERIC ERICSON	100	M.	BACK	K PIPES-NEILSEN	USA	08-09-98	1:06.29	
2:09.26	07-09-00	USA	DANIEL VEATCH	200	M.	BACK	K PIPES-NEILSEN	USA	08-10-97	2:18.20	
29.09	08-23-98	USA	WALLY DICKS	50	M.	BRST	SYLVIA GERASCH	GER	06-06-04	33.64	
1:04.73	06-07-04	GBR	NICK GILLINGHAM	100	M.	BRST	CAROLINE KRATTLI	USA	08-17-01	1:13.81	
2:20.29	06-05-04	GBR	NICK GILLINGHAM	200	M.	BRST	CAROLINE KRATTLI	USA	08-19-01	2:41.76	
25.00	08-18-02	USA	WADE KING	50	M.	FLY	TRACIE MOLL	USA	08-23-99	28.32	
56.07	08-15-04	USA	MICHAEL ROSS	100	M.	FLY	TRACIE MOLL	USA	08-23-99	1:03.79	
2:06.74	06-26-96	USA	JEFF STUART	200	M.	FLY	K PIPES-NEILSEN	USA	08-10-97	2:20.21	
				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 *****				
		***** 55-59 *****					***** 60-64 *****				
24.14	07-13-03	USA	DAVID BOATWRIGHT	50	M.	FREE	MARIA DOELGER	USA	08-17-03	26.88	
53.66	07-17-04	SWE	JOAKIM SJOHOLM	100	M.	FREE	MARIA DOELGER	USA	08-17-03	58.43	
1:58.50	06-18-04	GER	KAI DITZEL	200	M.	FREE	K PIPES-NEILSEN	USA	08-01-04	2:09.34	
4:15.57	08-19-01	USA	BRETT PHILLIPS	400	M.	FREE	K PIPES-NEILSEN	USA	08-11-02	4:28.24	
8:46.84	06-21-03	GER	MICHAEL KLEIBER	800	M.	FREE	K PIPES-NEILSEN	USA	09-29-02	9:24.77	
16:45.53	06-22-03	GER	MICHAEL KLEIBER	1500	M.	FREE	K PIPES-NEILSEN	USA	08-11-03	17:56.52	
27.88	08-18-02	USA	CLAY BRITT	50	M.	BACK	BEVERLEY MCCARNEY	RSA	06-08-04	31.99	
1:00.91	08-18-02	USA	CLAY BRITT	100	M.	BACK	K PIPES-NEILSEN	USA	08-01-04	1:08.66	
2:15.49	08-23-99	USA	WILLIAM SPECHT	200	M.	BACK	K PIPES-NEILSEN	USA	08-11-03	2:25.91	
30.51	08-01-00	GER	GERHARD AMMER	50	M.	BRST	CAROLINE KRATTLI	USA	03-27-02	33.79	
1:08.01	08-20-00	USA	DAVID GUTHRIE	100	M.	BRST	CAROLINE KRATTLI	USA	03-28-02	1:13.82	
2:28.54	08-20-00	USA	DAVID GUTHRIE	200	M.	BRST	CAROLINE KRATTLI	USA	03-26-02	2:42.06	
25.87	08-20-00	USA	PAUL SMITH	50	M.	FLY	ELIZABETH EMERY	USA	08-18-02	28.97	
57.57	08-17-01	USA	PAUL CARTER	100	M.	FLY	K PIPES-NEILSEN	USA	08-01-04	1:04.84	
2:05.55	07-11-04	USA	DENNIS BAKER	200	M.	FLY	K PIPES-NEILSEN	USA	05-25-03	2:25.69	
				100	M.	I.M.					
2:15.10	06-04-04	USA	JENS-PETER BERNDT	200	M.	I.M.	K PIPES-NEILSEN	USA	08-01-04	2:26.83	
4:49.62	07-31-00	POL	DARIUSZ WOLNY	400	M.	I.M.	K PIPES-NEILSEN	USA	08-01-04	5:09.83	

FINA Masters World Records - Long-Course Meters

(as of 11-1-04)

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

Fina Masters World Records - Long-Course Meters

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

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

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WRL LCM RECORDS AS OF 11-01-04

***** RELAY 200 M. FREE - WOMEN *****			***** RELAY 200 M. MEDLEY - WOMEN *****		
100-119 HOLMES-USA	08-28-88	1:53.20	100-119 HOLMES - USA	08-28-88	2:06.67
MARY HOLMES	SUSAN HALFACRE		BETH MAUER	DEB WALKER	
BETH MAUER	TISH BUCHER		TISH BUCHER	MARY HOLMES	
120-159 GOLD RUSH-JPN	10-03-04	1:51.37	120-159 GOLD-USA	08-23-98	2:04.19
MIHO OKUHARA	YUKIKO OZAWA		MARY GARDNER	SUSIE GEYER	
CHIHIRO SAITO	NAHOMI ERIGUCHI		TRACIE MOLL	JAMIE HERRINGTON	
160-199 AZ&PC-NED	02-15-04	1:54.42	160-199 VICTORIA-CAN	03-09-03	2:10.75
MARJA BLOEMZAAD	PETRA FROWIJN		CINDY RADFORD	JUDY WOODWARD	
ATIE PYTAK	LIDIA VAN BON		SARAH MACDONALD	AVILA RHODES	
200-239 TAMALPAIS-USA	08-17-01	2:06.52	200-239 HEART ENGLN-GBR	06-02-02	2:19.84
SUSAN ROY-JONES	NANCY RIDOUT		JACQUELINE GRACE	ELAINE BROMWICH	
SHIRLEY CAZALET	LAURA VAL		JUDY WILSON	MICHELLE DIGE	
240-279 DC MASTERS-USA	08-23-98	2:18.70	240-279 NEUKOELIN-GER	07-04-01	2:35.17
BARBARA FRID	JOANN LEILICH		ELENORE OTTO	MONIKA SENFTLEBEN	
BARBARA ZAREMSKI	JAYNE BRUNER		BRIGITTE MERTEN	MARGA SCHULZE	
280-319 NEW ENGLAND-USA	08-11-96	2:38.52	280-319 SWIM100KYOT-JPN	10-19-03	3:12.72
CLARA WLAKER	BILLIE BURRILL		KAZUKO TAGUCHI	KAZUYO SAKURAI	
PETEY SMITH	DIANE REED		H MINANIGUCHI	CHIE TANI	
320-359 OAHUKIOICHO-JPN	07-15-01	3:42.32	320-359 OAHU CLUB-JPN	07-21-02	4:11.39
KATSUE EBATO	YOSHIKO WATANABE		YOSHIKO WATANABE	SUMIKO YANAGISAWA	
HIDEKO MORI	MACHIKO ITAI		AKIKO ONOHARA	HIDEKO MORI	
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***** 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	
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YOSHI OYAKAWA	PETER VAN DIJK		CLARKE MITCHELL	JOHN KORTHEUER	
JOHN FLORANCE	DAVID QUIGGIN		RICHARD KITCHELL	DICK WEBBER	
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SHOICHI SHIDA	KEIJIRO NAKAMURA		KEIJIRO NAKAMURA	KATSUZO SHIRAYAMA	
KATSUZO SHIRAYAMA	ISAMU TAMURA		SHOICHI SHIDA	ISAMU TAMURA	
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BOYD CAMPBELL	MARTIN RUTTER				
HAROLD HOFFMAN	JIM SCHERBARTH				

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MIHO OKUHARA	YUKIKO OZAWA		KENTARO NAKAMURA	TAKASHI HIRAKAWA	
YOSHIHISA SUDO	KENTARO NAKAMURA		YAYOI SAKAMOTO	YUKIKO OZAWA	
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JOEL FELDMANN	STUART CROMARTY		LAURA VAL	NANCY RIDOUT	
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JOHN TENNANT	JUDY WILSON		BOB LORD	ELAINE BROMWICH	
ALAN MILES	MICHELLE DIGE		JUDY WILSON	JOHN TENNANT	
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HELENE IBERALL	MAXINE MERLINO				
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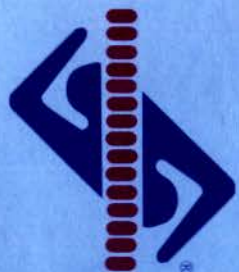
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2004 TOP TEN
SHORT COURSE METERS**

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