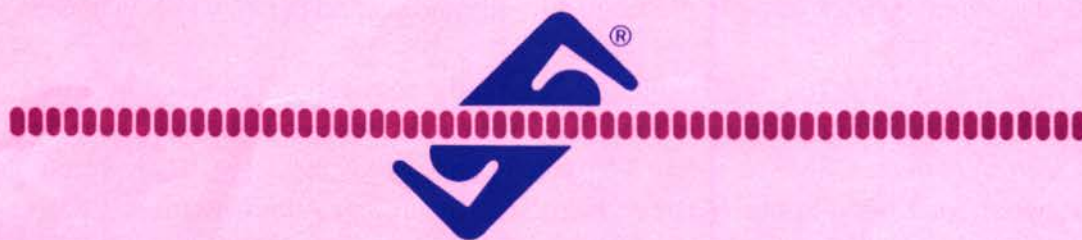


\$7.00

*United States  
Masters Swimming, Inc.*

**1997  
Top Ten  
Long Course Meters**

and  
**World Records**  
as of November 1, 1997  
**Short Course Meters  
Long Course Meters**



Published December 1997

# UNITED STATES MASTERS SWIMMING

## 1997 TOP TEN

### LONG COURSE METERS

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The 1997 Long Course Top Ten is the second issue in a series of three 1997 Top Ten issues produced by United States Masters Swimming. Inside you will find the Top Ten Times for the 1997 Long Course Meter season (swims performed in a 50 meter pool) made on or before September 30, 1997 and forwarded to the Records and Tabulation Chairman, Pieter Cath. by October 20th, 1997. 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.

Each person (individuals and relay members) on this list is eligible to purchase a Top Ten Patch with stroke segment. To receive a patch, send \$5 to Darlynn Ferguson, P.O. Box 8005, Canton, OH 44711. Add \$1 for each additional stroke segment desired.

The first issue in this series is 1996-1997 Short Course Yards (swims performed in a 25 meter pool). Times and records considered for this Top Ten list must be made on or before May 31st and reported to the Top Ten Chairman by July 15th.

The 1997 Short Course Meters (swims performed in a 25 meter pool) list is the final issue in this series of Top Tens. Times and records considered for this Top Ten list must be made on or before December 31st and reported to the Top Ten Chairman by February 5th.

Once the SCM Top Ten is **finalized**, the official 1997 All American Roster will be produced. A swimmer/relay who has the Top Ten time in one or more event(s) in any one of the three courses qualifies for All American status. To order an All American Certificate and Patch, send a check for \$5 made out to USMS to: USMS National Office, 261 High Range Road, Londonderry, NH 03053.

Those individuals performing the most first place times, in the most events, in their age group are awarded All Star status. All Stars will receive a special award from The FINALS, this years event sponsor. All American (individual) and All Star rosters will appear in the May/June issue of SWIM Magazine.

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

Masters Swimming World Top Ten Tabulation is a yearly publication produced by FINA. To order, make check payable to FINA for \$7 and send them to: FINA, Avenue de Beaumont 9, 1012 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.

Congratulations goes to Pieter Cath. on his appointment as new USMS Top Ten Chairman. Thank you Walt Reid for your many years of service. We also 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. Thank you Betsy Durrant for handling the subscription lists and Gene Donner and Gateway Printing who duplicates this final product.

Happy Swimming!  
Tracy

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

<b>WOMEN 19-24</b>					
• 50 M. FREESTYLE					
27.92 SHARON SCOTT	96	36.26 MICHELLE MCCLAIN	24	35.27 ERIKA BERKLEY	20
27.63 TERINA COOK	19NV	36.48 R.KUPCINSKAS	23	35.36 JENNIFER DAVIS	23
29.35 KELLY HEATH	23	37.18 AMY HAY	22	35.37 B.CARPENTER	19
29.41 SUZANNE CATTERSON	19	37.28 CHERYL ATTUBATO	24	• 100 M. BUTTERFLY	
30.80 MINDY RINEHOLD	21	37.78 VICTORIA WEBBER	22	1:06.05 BLANCA CASTILLO	88
30.81 J.GEMEINHARDT	24	37.81 AMBER STORCH	22	1:15.23 KARA KELLY	20
31.11 KERRY PARKER	22	38.81 LAURIEJO HALL	21	1:17.16 R.SCHOENBECK	19
31.24 JESSICA SHUGART	19	38.85 SARAH MARSHALL	20	1:17.53 J.GEMEINHARDT	24
31.40 DANIELLE SIRBU	23	• 100 M. BACKSTROKE		1:17.63 MARGARET CALFEE	24
31.40 FLAVIA BERETTA	24	1:06.09 DAWN BRACIAK	87	1:19.07 KRISTA HABECKER	24
31.43 MEGUMI MASUDA	23	1:10.34 SUZANNE CATTERSON	19	1:19.28 ELLICIA ROMO	24
• 100 M. FREESTYLE		1:11.21 CHRISTY JOHNSON	21	1:20.76 MICHELLE MURPHY	20
1:01.49 ANITA HARRISON	90	1:15.57 KERRY PARKER	22	1:21.98 HEATHER ROYER	22
1:03.95 TERINA COOK	19	1:15.84 LAURA JUCKELAND	24	1:25.84 CHRISTINA BUREK	20
1:04.40 SUZANNE CATTERSON	19	1:19.76 R.KUPCINSKAS	23	1:27.56 DANIELLE SIRBU	23
1:08.55 MARGARET CALFEE	24	1:21.60 LAURIEJO HALL	21	• 200 M. BUTTERFLY	
1:08.99 AMY SHARP	24	1:22.07 CHERYL ATTUBATO	24	2:22.59 BLANCA CASTILLO	88
1:09.30 FLAVIA BERETTA	24	1:22.24 MICHELLE MURPHY	20	2:28.14 DANIELLE WALKER	20
1:09.75 LISA ABRAHAM	22	1:22.53 JENNIFER DAVIS	23	2:52.03 KARA KELLY	20
1:09.93 JENNIFER DAVIS	23	1:23.11 JENNIFER TAM	21	2:53.47 KRISTA HABECKER	24
1:10.19 SARAH MARSHALL	20	• 200 M. BACKSTROKE		2:55.83 ELLICIA ROMO	24
1:10.25 JENNY LEACH	24	2:26.62 MICHELLE DONAHUE	92	2:56.83 R.SCHOENBECK	19
1:10.33 MINDY RINEHOLD	21	2:31.90 DANIELLE WALKER	20	3:02.40 ELIZABETH BAST	19
• 200 M. FREESTYLE		2:34.56 SUZANNE CATTERSON	19	• 200 M. INDIVIDUAL MEDLEY	
2:13.43 KATRINA WALTERS	96	2:39.31 CHRISTY JOHNSON	21	2:29.90 MICHELLE DONAHUE	92
2:20.13 JENNIFER KENYON	24	2:46.58 JENNIFER KENYON	24	2:39.83 CHRISTY JOHNSON	21
2:23.00 JULIA DAVIES	23	2:50.42 AMY HAY	22	2:40.47 JENNIFER KENYON	24
2:23.70 AMANDA FORSYTH	23	2:54.53 R.KUPCINSKAS	23	2:45.96 AMANDA FORSYTH	23
2:24.73 TERINA COOK	19	2:55.16 LAURIEJO HALL	21	2:47.08 ELIZABETH BAST	19
2:27.54 SHAWNA O'LEARY	20	3:00.43 CHERYL ATTUBATO	24	2:48.04 NANCY ASH	23
2:28.45 MINDY RINEHOLD	21	3:02.53 SARAH MARSHALL	20	2:48.82 MEGUMI MASUDA	23
2:30.86 HEATHER ROYER	22	3:08.35 AMY SHARP	24	2:49.19 MARGARET CALFEE	24
2:31.51 LAURIEJO HALL	21	• 50 M. BREASTSTROKE		2:49.22 MINDY RINEHOLD	21
2:32.73 KATRINA CARSON	24	33.66 ELIZABETH NELSON	95	2:53.56 KATRINA CARSON	24
2:32.94 FLAVIA BERETTA	24	37.72 MINDY RINEHOLD	21	2:53.88 MICHELLE MCCLAIN	24
• 400 M. FREESTYLE		38.16 R.SCHOENBECK	19	• 400 M. INDIVIDUAL MEDLEY	
4:36.94 KATRINA WALTERS	96	40.84 GRETA PETERSEN	20	5:18.36 ALISON ZAMANIAN	94
4:59.69 JENNIFER KENYON	24	40.91 CARRIE LOEHR	22	5:21.81 DANIELLE WALKER	20
5:00.15 AMANDA FORSYTH	23	41.01 BETH WOHLBERG	23	5:55.36 SARAH KERLIN	22
5:01.60 JULIA DAVIES	23	41.78 B.CARPENTER	19	5:57.55 KARA KELLY	20
5:08.11 HEATHER ROYER	22	42.08 M.BETH DANAPILIS	24	6:14.41 R.SCHOENBECK	19
5:11.73 SHAWNA O'LEARY	20	42.22 AMBER STORCH	22	6:16.04 KRISTA HABECKER	24
5:14.65 KARA KELLY	20	43.16 CHERRI BRACK	21	6:25.52 ELLICIA ROMO	24
5:16.59 GRETA PETERSEN	20	44.03 JENNIFER DAVIS	23	7:38.64 DANA FRANKS	23
5:20.00 JILL MURANY	24	44.03 VICTORIA WEBBER	22		
5:20.75 MINDY RINEHOLD	21	• 100 M. BREASTSTROKE		<b>WOMEN 25-29</b>	
5:23.02 ELLICIA ROMO	24	1:13.62 ELIZABETH NELSON	95	• 50 M. FREESTYLE	
• 800 M. FREESTYLE		1:22.12 MINDY RINEHOLD	21	26.68 SARA SHAND	91
9:31.25 ALISON ZAMANIAN	94	1:24.99 JENNIFER KENYON	24	26.82 HEATHER HAGEMAN	26
10:48.05 JILL MURANY	24	1:26.57 R.SCHOENBECK	19	27.85 DORI KAUFFMAN	28
10:56.21 KARA KELLY	20	1:27.50 ELIZABETH BAST	19	27.98 KATHLEEN HARTNETT	25
10:57.30 GRETA PETERSEN	20	1:30.23 B.CARPENTER	19	28.50 NANCY DUNCAN	29
10:57.48 MINDY RINEHOLD	21	1:30.29 BETH WOHLBERG	23	28.56 DEBRA BUMATAY	25
11:10.92 KRISTA HABECKER	24	1:30.60 MEGUMI MASUDA	23	28.58 LISA SUMMERS	26
11:14.04 R.SCHOENBECK	19	1:30.74 GRETA PETERSEN	20	28.96 LINDA HAUS	29
11:17.95 ELLICIA ROMO	24	1:30.85 JULIE HOWARD	23	29.03 DIANNE BRAVIS	28
11:49.47 NICOLE VROLYKS	22	1:34.42 CARRIE LOEHR	22	29.22 MICHELLE GHIGGERI	28
11:51.94 J.GEMEINHARDT	24	• 200 M. BREASTSTROKE		29.43 MICHELLE JACKSON	25
11:56.26 KATE BUTLER	23	2:51.20 LOUISE KEOGH	93	29.43 MICHELE HUYETTE	29
• 1500 M. FREESTYLE		2:54.87 MINDY RINEHOLD	21	• 100 M. FREESTYLE	
18:17.40 ALISON ZAMANIAN	94	3:01.69 JENNIFER KENYON	24	57.76 SHEILA TAORMINA	95
20:25.69 KARA KELLY	20	3:04.16 AMANDA FORSYTH	23	1:00.36 HEATHER HAGEMAN	26
20:42.54 JILL MURANY	24	3:08.46 R.SCHOENBECK	19	1:00.71 LISA SUMMERS	26
21:17.79 ELLICIA ROMO	24	3:13.54 GRETA PETERSEN	20	1:01.36 KATHLEEN HARTNETT	25
21:26.83 MEGAN MCGRATH	23	3:15.92 BETH WOHLBERG	23	1:01.78 NANCY DUNCAN	29
21:36.47 R.SCHOENBECK	19	3:17.56 B.CARPENTER	19	1:01.94 JENNIFER RIDGE	28
22:14.42 CHERYL ATTUBATO	24	3:17.77 M.BETH DANAPILIS	24	1:02.74 DEBRA BUMATAY	25
23:05.52 AMY SHARP	24	3:28.79 JENNIFER TAM	21	1:03.11 DORI KAUFFMAN	28
23:39.66 JENNA CLARK	22	3:42.79 DIANA VARGA	24	1:03.42 SARAH ANDERSON	27
• 50 M. BACKSTROKE		• 50 M. BUTTERFLY		1:03.46 DIANNE BRAVIS	28
31.55 TORI SMITH	90	30.00 KANA SHIBUYA	95	1:03.89 SUNNY SMILEY	27
33.64 CHRISTY JOHNSON	21	32.80 CHRISTY JOHNSON	21	• 200 M. FREESTYLE	
34.70 KERRY PARKER	22	32.83 KELLY HEATH	23	2:02.06 SHEILA TAORMINA	95
		33.60 NANCY ASH	23	2:11.37 LISA SUMMERS	26
		33.75 MARGARET CALFEE	24	2:12.11 SARAH ANDERSON	27
		33.91 R.SCHOENBECK	19	2:14.74 JENNIFER RIDGE	28
		34.47 MICHELLE MURPHY	20	2:14.99 LAUREL HILL	28
		35.05 AMY HAY	22		
				2:16.58 JULIA GORMAN	29
				2:17.91 ELLEN BAIRD	27
				2:17.93 ANJANETTE WONG	26
				2:18.32 NANCY NORTH	29
				2:20.09 DONNA JOHNSON	29
				2:20.50 RENEE WILCOX	25
				• 400 M. FREESTYLE	
				4:13.03 SHEILA TAORMINA	95
				4:42.47 LISA SUMMERS	26
				4:43.62 LAUREL HILL	28
				4:44.01 SARAH ANDERSON	27
				4:48.12 DONNA JOHNSON	29
				4:52.75 ELLEN BAIRD	27
				4:52.90 NANCY NORTH	29
				4:52.97 ANJANETTE WONG	26
				5:00.51 HELEN WALSH	28
				5:00.52 RENEE WILCOX	25
				5:02.08 HEATHER GRADY	26
				• 800 M. FREESTYLE	
				9:18.43 SARA SHAND	89
				9:44.29 DONNA JOHNSON	29
				9:57.54 SARAH ANDERSON	27
				10:05.67 ELLEN BAIRD	27
				10:10.18 JULIA GORMAN	29
				10:11.09 NANCY NORTH	29
				10:16.66 HEATHER GRADY	26
				10:31.59 MICHELLE GHIGGERI	28
				10:31.65 ANNIE KELLEY	27
				10:38.69 LINDA VISSER	27
				10:41.61 LAURA ANTONIETTA	26
				• 1500 M. FREESTYLE	
				17:27.96 SHEILA TAORMINA	95
				18:24.25 DONNA JOHNSON	29
				18:29.85 LAUREL HILL	28
				19:25.98 NANCY NORTH	29
				19:53.89 RENEE WILCOX	25
				20:08.07 K.CARROLL-BASSO	27
				20:25.48 ANN HILL	27
				20:30.18 LAURA ANTONIETTA	26
				20:39.05 GINA MAVIGLIANO	27
				21:03.77 THERESA KLEIN	26
				21:16.10 DENISE THOMPSON	25
				• 50 M. BACKSTROKE	
				30.80 DIANE GRANER	89
				32.07 KATHLEEN HARTNETT	25
				32.21 SUNNY SMILEY	27
				33.26 HEATHER HAGEMAN	26
				34.02 BRIDGET ROBBINS	27
				34.13 DEBRA BUMATAY	25
				34.30 JULIE MOODY	28
				35.75 THERESA KLEIN	26
				36.13 E.SARKAUSKAITE	29
				36.16 HEATHER GRADY	26
				36.63 KATHERINE RICE	27
				• 100 M. BACKSTROKE	
				1:07.32 DIANE GRANER	89
				1:11.46 KATHLEEN HARTNETT	25
				1:11.88 SUNNY SMILEY	27
				1:12.80 LINDA HAUS	29
				1:13.62 BRIDGET ROBBINS	27
				1:15.32 RACHAEL WALTON	26
				1:16.14 HEATHER GRADY	26
				1:16.19 E.SARKAUSKAITE	29
				1:18.84 LISA SUMMERS	26
				1:18.87 CAROLE SHARPLESS	26
				1:18.98 THERESA KLEIN	26
				• 200 M. BACKSTROKE	
				2:19.97 DIANE GRANER	89
				2:34.58 KATHLEEN HARTNETT	25
				2:37.48 JULIA GORMAN	29
				2:39.71 SUNNY SMILEY	27
				2:40.43 LORI FISH	27
				2:43.30 RACHAEL WALTON	26
				2:47.84 E.SARKAUSKAITE	29
				2:50.19 K.CARROLL-BASSO	27
				2:51.88 NANCY NORTH	29
				2:52.36 THERESA KLEIN	26
				2:52.58 DONNA JOHNSON	29

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

<ul style="list-style-type: none"> <li>• 50 M. BREASTSTROKE</li> <li>34.36 ROSEMARIE SEAMAN 87</li> <li>36.13 DANICE STONE 25</li> <li>37.00 HEATHER PERONI 26</li> <li>37.02 HELEN WALSH 28</li> <li>37.21 MARY BERGEN 27</li> <li>37.41 LISA SUMMERS 26</li> <li>37.94 CHERYL CONLIN 29</li> <li>38.47 BETSY COLLINS 29</li> <li>38.90 LORI DE LUCA 26</li> <li>39.02 E.MALKEMUS 27</li> <li>39.23 JENNIFER RIDGE 28</li> <li>• 100 M. BREASTSTROKE</li> <li>1:16.60 S MCINTYRE-WOODS 91</li> <li>1:19.52 HELEN WALSH 28</li> <li>1:20.17 DANICE STONE 25</li> <li>1:21.78 LISA SUMMERS 26</li> <li>1:22.80 JENNIFER RIDGE 28</li> <li>1:23.20 HEATHER PERONI 26</li> <li>1:23.43 CHERYL CONLIN 29</li> <li>1:23.49 E.MALKEMUS 27</li> <li>1:23.58 MARY BERGEN 27</li> <li>1:24.12 CAROLYN BENTLEY 27</li> <li>1:25.09 JODIE ZIEBELL 25</li> <li>• 200 M. BREASTSTROKE</li> <li>2:48.61 LOUISE KEOGH 95</li> <li>2:51.29 HELEN WALSH 28</li> <li>2:54.07 JENNIFER RIDGE 28</li> <li>2:59.54 DANICE STONE 25</li> <li>2:59.58 LISA SUMMERS 26</li> <li>3:01.17 CAROLYN BENTLEY 27</li> <li>3:03.40 CHERYL CONLIN 29</li> <li>3:03.44 HEATHER PERONI 26</li> <li>3:03.75 E.MALKEMUS 27</li> <li>3:06.88 GINA MAVIGLIANO 27</li> <li>3:08.78 BETSY COLLINS 29</li> <li>• 50 M. BUTTERFLY</li> <li>28.79 ROSEMARIE SEAMAN 87</li> <li>30.80 NANCY DUNCAN 29</li> <li>30.84 HEATHER HAGEMAN 26</li> <li>31.18 LISA SUMMERS 26</li> <li>31.50 SUNNY SMILEY 27</li> <li>31.59 DORI KAUFFMAN 28</li> <li>31.72 HELEN WALSH 28</li> <li>31.87 RENEE WILCOX 25</li> <li>32.01 JENNIFER RIDGE 28</li> <li>32.17 MARY BERGEN 27</li> <li>32.24 NANCY NORTH 29</li> <li>• 100 M. BUTTERFLY</li> <li>1:03.67 SHEILA TAORMINA 95</li> <li>1:07.79 JENNIFER RIDGE 28</li> <li>1:08.08 JULIA GORMAN 29</li> <li>1:09.20 WENKE HANSEN 28</li> <li>1:10.29 MOJCA CATER 27</li> <li>1:10.93 LINDA VISSER 27</li> <li>1:11.64 SUNNY SMILEY 27</li> <li>1:13.37 ANNIE KELLEY 27</li> <li>1:13.46 MARY RYAN 26</li> <li>1:13.64 NANCY NORTH 29</li> <li>1:13.81 ANNE OBERG 26</li> <li>• 200 M. BUTTERFLY</li> <li>2:17.51 SHEILA TAORMINA 95</li> <li>2:25.81 MOJCA CATER 27</li> <li>2:39.07 NANCY NORTH 29</li> <li>2:39.47 LINDA VISSER 27</li> <li>2:39.56 K.CARROLL-BASSO 27</li> <li>2:41.07 DONNA JOHNSON 29</li> <li>2:43.47 E.MALKEMUS 27</li> <li>2:49.51 MARY RYAN 26</li> <li>2:58.51 KAREN SCHOENHALS 29</li> <li>3:01.91 ANN HILL 27</li> <li>3:12.17 CAROL MCCARTHY 28</li> <li>• 200 M. INDIVIDUAL MEDLEY</li> <li>2:25.45 SARA SHAND 89</li> <li>2:27.60 LISA SUMMERS 26</li> <li>2:30.90 JENNIFER RIDGE 28</li> <li>2:31.25 WENKE HANSEN 28</li> <li>2:35.21 KATHLEEN HARTNETT 25</li> </ul>	<ul style="list-style-type: none"> <li>2:36.15 HELEN WALSH 28</li> <li>2:36.81 ELLEN BAIRD 27</li> <li>2:36.96 ANJANETTE WONG 26</li> <li>2:37.64 JULIA GORMAN 29</li> <li>2:39.01 RENEE WILCOX 25</li> <li>2:40.62 MOJCA CATER 27</li> <li>• 400 M. INDIVIDUAL MEDLEY</li> <li>5:06.34 SARA SHAND 89</li> <li>5:16.50 LAUREL HILL 28</li> <li>5:17.40 LISA SUMMERS 26</li> <li>5:21.74 JENNIFER RIDGE 28</li> <li>5:28.91 HELEN WALSH 28</li> <li>5:34.55 K.CARROLL-BASSO 27</li> <li>5:35.90 DONNA JOHNSON 29</li> <li>5:43.50 NANCY NORTH 29</li> <li>5:43.55 ELLEN BAIRD 27</li> <li>5:43.83 LINDA VISSER 27</li> <li>5:45.69 ANNIE KELLEY 27</li> </ul> <p style="text-align: center; margin: 10px 0;"><u>WOMEN 30-34</u></p> <ul style="list-style-type: none"> <li>• 50 M. FREESTYLE</li> <li>26.37 S NEILSON-BELL 88</li> <li>27.67 TRACIE MOLL 33</li> <li>27.79 ANNA PETTIS-SCOTT 34</li> <li>28.61 JENNIFER PEASLEY 32</li> <li>28.96 JAMIE HERRINGTON 31</li> <li>29.14 NANCY STAAL 34</li> <li>29.39 KATHY STEELE 33</li> <li>29.41 C.KANAZAWA 30</li> <li>29.51 JANE KLEINE 32</li> <li>29.52 COLLETTE SAPPEY 32</li> <li>29.71 KIM ELSBACH 34</li> <li>• 100 M. FREESTYLE</li> <li>58.09 S NEILSON-BELL 88</li> <li>1:00.67 TRACIE MOLL 33</li> <li>1:01.90 CAROL OLSON 34</li> <li>1:03.56 MARGARET KELLER 33</li> <li>1:03.77 JANE KLEINE 32</li> <li>1:04.05 D.GRANER-GALLAS 32</li> <li>1:04.26 SUSIE DEVLIN 30</li> <li>1:04.91 KIM ELSBACH 34</li> <li>1:05.08 NANCY STAAL 34</li> <li>1:05.09 LIESA BENN 32</li> <li>1:05.59 T.CHILDRESS-BROWN 33</li> <li>• 200 M. FREESTYLE</li> <li>2:06.80 K PIPES-NEILSEN 96</li> <li>2:11.10 D.GRANER-GALLAS 32</li> <li>2:13.29 TRACIE MOLL 33</li> <li>2:15.94 JANE KLEINE 32</li> <li>2:19.04 MARGARET KELLER 33</li> <li>2:19.37 ARLENE HOUSE 34</li> <li>2:21.44 T.CHILDRESS-BROWN 33</li> <li>2:22.61 DAWN HEWITT 32</li> <li>2:23.08 KIM ELSBACH 34</li> <li>2:23.91 JERRI FREIMUTH 32</li> <li>2:24.64 LIESA BENN 32</li> <li>• 400 M. FREESTYLE</li> <li>4:28.76 K PIPES-NEILSEN 96</li> <li>4:45.24 JANE KLEINE 32</li> <li>4:51.60 SUSIE DEVLIN 30</li> <li>4:55.10 MARGARET KELLER 33</li> <li>4:58.54 CAROL OLSON 34</li> <li>5:02.48 ELLEN MACGREGOR 31</li> <li>5:02.69 JERRI FREIMUTH 32</li> <li>5:04.29 T.CHILDRESS-BROWN 33</li> <li>5:07.24 MARION SALOPEK 32</li> <li>5:09.73 BRIDGET BLACK 31</li> <li>5:11.85 VIOLETTA ACOSTA 33</li> <li>• 800 M. FREESTYLE</li> <li>9:19.96 SUSAN PORTER 94</li> <li>9:45.29 JANE KLEINE 32</li> <li>10:07.52 MARGARET KELLER 33</li> <li>10:20.79 ARLENE HOUSE 34</li> <li>10:21.73 JERRI FREIMUTH 32</li> <li>10:31.13 MARION SALOPEK 32</li> <li>10:31.44 BRIDGET BLACK 31</li> <li>10:42.14 YVONNE MULTER 33</li> </ul>	<ul style="list-style-type: none"> <li>10:47.01 K GMYTRASIEWICZ 30</li> <li>10:59.99 GLORIA NEMET 33</li> <li>11:01.45 MARCI STEELMAN 30</li> <li>• 1500 M. FREESTYLE</li> <li>17:38.70 KAREN BURTON 96</li> <li>19:52.47 ARLENE HOUSE 34</li> <li>20:09.81 LISA SHEEPER 33</li> <li>20:14.21 JERRI FREIMUTH 32</li> <li>20:56.43 GINA MARIE GATTI 34</li> <li>20:59.24 MARCI STEELMAN 30</li> <li>21:02.58 MARY ANDERS 34</li> <li>21:07.05 LEILA REYNOLDS 30</li> <li>21:10.62 CATHY BIGGS 33</li> <li>21:12.44 GLORIA NEMET 33</li> <li>21:20.74 JENNIFER BRISKER 31</li> <li>• 50 M. BACKSTROKE</li> <li>30.94 D GRANER GALLAS 96</li> <li>31.54 D.GRANER-GALLAS 32</li> <li>32.63 LISA WARD 33</li> <li>33.86 SANDY COLBY 34</li> <li>34.19 V.RICHARDSON 33</li> <li>34.45 JOAN SCHRIGER 32</li> <li>34.78 EDWINA LERNER 30</li> <li>35.30 ANDREA SCHOLZ 32</li> <li>35.59 SHARI HARDEN 30</li> <li>36.15 MERIT GREAVES 33</li> <li>36.20 KATHY STEELE 33</li> <li>• 100 M. BACKSTROKE</li> <li>1:05.42 D GRANER GALLAS 96</li> <li>1:07.93 D.GRANER-GALLAS 32</li> <li>1:11.82 LISA WARD 32</li> <li>1:12.53 DAWN HEWITT 32</li> <li>1:14.22 JOAN SCHRIGER 32</li> <li>1:14.46 CECILIA COLEMAN 30</li> <li>1:15.01 MARY ANDERS 34</li> <li>1:15.26 JAMIE HERRINGTON 31</li> <li>1:15.82 MARGARET KELLER 33</li> <li>1:16.58 ANDREA SCHOLZ 32</li> <li>1:16.68 ANNA PETTIS-SCOTT 34</li> <li>• 200 M. BACKSTROKE</li> <li>2:17.73 K PIPES-NEILSEN 96</li> <li>2:24.45 D.GRANER-GALLAS 32</li> <li>2:34.56 DAWN HEWITT 32</li> <li>2:35.45 LISA WARD 33</li> <li>2:40.51 JOAN SCHRIGER 32</li> <li>2:43.04 CECILIA COLEMAN 30</li> <li>2:43.80 MARGARET KELLER 33</li> <li>2:46.62 MARY ANDERS 34</li> <li>2:48.89 WENDY RICE 34</li> <li>2:50.60 LORI TERLOUW 32</li> <li>2:52.11 J.MOLEN 30</li> <li>• 50 M. BREASTSTROKE</li> <li>35.90 LISA BENNETT 88</li> <li>36.61 CAROL WEST 33</li> <li>36.79 BEVERLY LENSE 31</li> <li>37.05 HILLARY SINGER 30</li> <li>37.74 MAUD ORLANDO 34</li> <li>37.88 KRISSY FERRY 34</li> <li>38.43 SUSAN WITTING 33</li> <li>38.56 LISA FLANAGAN 34</li> <li>38.66 MERIT GREAVES 33</li> <li>39.77 KATHY STEELE 33</li> <li>40.09 LISA FINFER 32</li> <li>• 100 M. BREASTSTROKE</li> <li>1:18.80 BETH SCHEIMANN 93</li> <li>1:20.42 CAROL WEST 33</li> <li>1:22.04 BEVERLY LENSE 31</li> <li>1:22.13 KRISSY FERRY 34</li> <li>1:23.69 MAUD ORLANDO 34</li> <li>1:24.13 JERRI FREIMUTH 32</li> <li>1:24.42 SUSAN WITTING 33</li> <li>1:25.25 BRIDGET BLACK 31</li> <li>1:25.27 LISA FLANAGAN 34</li> <li>1:27.44 MERIT GREAVES 33</li> <li>1:27.46 JANE KLEINE 32</li> <li>• 200 M. BREASTSTROKE</li> <li>2:53.08 KAREN MELICK 87</li> <li>2:56.80 BEVERLY LENSE 31</li> </ul>	<ul style="list-style-type: none"> <li>2:59.66 MAUD ORLANDO 34</li> <li>3:00.02 KRISSY FERRY 34</li> <li>3:01.00 JERRI FREIMUTH 32</li> <li>3:03.39 SUSAN WITTING 33</li> <li>3:05.10 HILLARY SINGER 30</li> <li>3:06.64 LISA FLANAGAN 34</li> <li>3:07.34 BRIDGET BLACK 31</li> <li>3:13.15 GLORIA NEMET 33</li> <li>3:13.94 IRENA VAZHENIN 32</li> <li>• 50 M. BUTTERFLY</li> <li>29.07 TRACIE MOLL 97</li> <li>29.07 TRACIE MOLL 33</li> <li>29.99 D.GRANER-GALLAS 32</li> <li>30.41 JENNIFER PEASLEY 32</li> <li>31.36 DAWN HEWITT 32</li> <li>31.51 CAROL OLSON 34</li> <li>31.58 MICHELLE HOJNACKI 31</li> <li>31.74 BEVERLY LENSE 31</li> <li>31.79 JAMIE HERRINGTON 31</li> <li>31.99 ARLENE HOUSE 34</li> <li>32.26 JOAN SCHRIGER 32</li> <li>• 100 M. BUTTERFLY</li> <li>1:04.43 K PIPES-NEILSEN 96</li> <li>1:06.01 TRACIE MOLL 33</li> <li>1:07.02 D.GRANER-GALLAS 32</li> <li>1:09.59 CAROL OLSON 34</li> <li>1:11.65 DAWN HEWITT 32</li> <li>1:11.98 JOAN SCHRIGER 32</li> <li>1:12.04 BEVERLY LENSE 31</li> <li>1:12.47 ARLENE HOUSE 34</li> <li>1:12.63 V.RICHARDSON 33</li> <li>1:12.84 JAMIE HERRINGTON 31</li> <li>1:14.17 SACHI SAWAMURA 30</li> <li>• 200 M. BUTTERFLY</li> <li>2:20.12 K PIPES-NEILSEN 96</li> <li>2:37.29 MICHELLE HOJNACKI 31</li> <li>2:41.85 DAWN HEWITT 32</li> <li>2:46.94 ARLENE HOUSE 34</li> <li>2:52.19 BEVERLY LENSE 31</li> <li>2:56.62 VIOLETTA ACOSTA 33</li> <li>2:59.58 NANCY THOMSON 33</li> <li>3:02.18 LISA SHEEPER 33</li> <li>3:23.96 EDWINA LERNER 30</li> <li>3:25.87 DANA SMITH 33</li> <li>3:26.79 PRESCILLA BETTIS 32</li> <li>• 200 M. INDIVIDUAL MEDLEY</li> <li>2:23.12 K PIPES-NEILSEN 96</li> <li>2:35.69 LISA WARD 32</li> <li>2:39.59 BRIDGET BLACK 31</li> <li>2:40.06 CAROL OLSON 34</li> <li>2:44.41 JANE KLEINE 32</li> <li>2:45.42 KATHY ZUBATUK 32</li> <li>2:45.84 KRISSY FERRY 34</li> <li>2:46.31 T.CHILDRESS-BROWN 33</li> <li>2:46.82 SACHI SAWAMURA 30</li> <li>2:46.90 MARY ANDERS 34</li> <li>2:47.01 CECILIA COLEMAN 30</li> <li>• 400 M. INDIVIDUAL MEDLEY</li> <li>5:03.97 K PIPES-NEILSEN 96</li> <li>5:44.42 LISA WARD 33</li> <li>5:47.59 M. HOJNACKI 31</li> <li>5:48.70 JENNIFER BROWN 30</li> <li>5:59.29 MARY ANDERS 34</li> <li>6:01.99 VIOLETTA ACOSTA 33</li> <li>6:03.87 JERRI FREIMUTH 32</li> <li>6:04.19 NANCY THOMSON 33</li> <li>6:07.86 YVONNE MULTER 33</li> <li>6:12.73 DIANNE WYGAL 31</li> <li>6:15.10 LISA FLANAGAN 34</li> </ul> <p style="text-align: center; margin: 10px 0;"><u>WOMEN 35-39</u></p> <ul style="list-style-type: none"> <li>• 50 M. FREESTYLE</li> <li>26.68 S NEILSON-BELL 96</li> <li>27.49 K.PIPES-NEILSEN 35</li> <li>28.48 MARY ROEBUCK 35</li> <li>28.52 BETH KNIGHT 37</li> <li>28.64 CATHY SHONKWILER 37</li> </ul>
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# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

29.92 GINA AGUILAR	37	• 100 M. BACKSTROKE	1:10.84 TERRI NATALI	37	2:30.14 KARLENE WISE	43
30.01 BONNY LIST	39	1:05.41 K.PIPES-NEILSEN	1:11.13 CATHY SHONKWILER	37	2:32.01 DIANE DAGOSTA	40
30.09 CLAUDIA ETTELSON	35	1:05.41 K.PIPES-NEILSEN	1:11.66 JENNIFER ARDOLINO	36	2:32.85 PAM DRAFTS	40
30.14 KELLY PARKER	35	1:10.83 LAURIE VIDAL	1:12.12 ANDREA BLOCK	35	• 400 M. FREESTYLE	
30.19 MARINA MALAN	37	1:15.08 TERRI NATALI	1:14.14 LIZ BURCHETT	35	4:48.82 LAURA VAL	94
30.26 CINDY WATTS	36	1:16.64 CATHY SHONKWILER	1:14.22 STEPHANIE PORTER	35	4:56.86 DANIELLE OGIER	44
• 100 M. FREESTYLE		1:17.20 CORINNA SEIBT	• 200 M. BUTTERFLY		5:03.41 BARBARA CROWDER	40
58.87 S NEILSON-BELL	95	1:19.41 DEBBIE CAVANAUGH	2:20.21 K.PIPES-NEILSEN	97	5:03.80 SUSAN SKIFF	42
59.21 K.PIPES-NEILSEN	35	1:20.74 KASS FLAIG	2:20.21 K.PIPES-NEILSEN	35	5:04.57 JACKI HIRSTY	44
1:00.81 JILL HERNANDEZ	37	1:20.93 NANCY ROSE	2:29.03 JUNE FORD	35	5:11.58 KAREN SULLIVAN	40
1:02.28 MARY ROEBUCK	35	1:21.18 JENNIFER ARDOLINO	2:34.98 JILL HERNANDEZ	37	5:13.29 S.NEILSON-BELL	41
1:03.47 CATHY SHONKWILER	37	1:21.75 PENNY BATES	2:40.55 JENNIFER ARDOLINO	36	5:19.76 KARLENE WISE	43
1:03.65 ROSEMARIE SEAMAN	39	• 200 M. BACKSTROKE	2:41.13 ROBIN KLESTINEC	35	5:20.25 JANE BURKS	40
1:04.19 KELLY PARKER	35	2:18.20 K.PIPES-NEILSEN	2:42.74 NANCY ROSE	35	5:20.76 CINDY LEE	40
1:05.17 LAURIE VIDAL	35	2:18.20 K.PIPES-NEILSEN	2:48.07 MARGUERITE MEYER	38	5:22.71 DEBBIE FLANSBURG	41
1:06.57 ANDREA NAUTA	38	2:43.21 ROBIN KLESTINEC	2:49.46 ANDREA BLOCK	35	• 800 M. FREESTYLE	
1:06.83 MARGUERITE MEYER	38	2:45.10 TERRI NATALI	2:51.75 PENNY BATES	36	9:57.69 LAURA VAL	93
1:07.34 LIZ TUCKER	38	2:49.55 PENNY BATES	2:57.57 JANET RENNER	35	10:25.42 DANIELLE OGIER	44
• 200 M. FREESTYLE		2:51.07 CAROL BADGER	• 200 M. INDIVIDUAL MEDLEY		10:28.22 S.NEILSON-BELL	41
2:06.94 K.PIPES-NEILSEN	97	2:52.20 ROZANNA MILLER	2:22.42 K.PIPES-NEILSEN	97	10:29.97 KAREN SULLIVAN	40
2:06.94 K.PIPES-NEILSEN	35	2:53.59 DEBBIE CAVANAUGH	2:22.42 K.PIPES-NEILSEN	35	10:30.56 JACKI HIRSTY	44
2:11.63 JILL HERNANDEZ	37	2:54.31 KASS FLAIG	2:31.22 JILL HERNANDEZ	37	10:51.11 WANDA BROWN	40
2:13.85 LAURIE VIDAL	35	2:54.32 KERRI CULBERTSON	2:33.35 LAURIE VIDAL	35	11:04.66 DENISE EVERITT	44
2:13.98 MARY ROEBUCK	35	2:54.89 ANDREA NAUTA	2:35.40 JUNE FORD	35	11:08.70 N.STEADMAN-MARTIN	43
2:15.00 KELLY PARKER	35	• 50 M. BREASTSTROKE	2:42.12 JENNIFER ARDOLINO	36	11:10.19 TRACY GRILLI	40
2:17.82 MARGE CURRAN	36	34.41 L WETZEL-OSBORNE	2:42.21 ROSEMARIE SEAMAN	39	11:10.65 KATHI BULLOCK	43
2:20.35 JUNE FORD	35	35.81 K.PIPES-NEILSEN	2:42.33 TERRI NATALI	37	11:13.08 DIANE DAGOSTA	40
2:21.02 MARGUERITE MEYER	38	36.95 ROSEMARIE SEAMAN	2:42.91 BETH KNIGHT	37	• 1500 M. FREESTYLE	
2:21.79 CATHY SHONKWILER	37	38.29 LESLIE COOPER	2:46.11 MAGGIE ROEPKE	35	19:00.40 BARBARA DUNBAR	92
2:23.92 JENNIFER ARDOLINO	36	38.44 EILEEN WALL	2:46.30 CLAUDIA ETTELSON	35	20:16.22 DANIELLE OGIER	44
• 400 M. FREESTYLE		38.75 MAGGIE ROEPKE	• 400 M. INDIVIDUAL MEDLEY		20:30.28 WANDA BROWN	40
4:26.17 K.PIPES-NEILSEN	97	39.11 BETH SCHEIMAN	5:07.21 K.PIPES-NEILSEN	97	20:38.31 JANE BURKS	40
4:26.17 K.PIPES-NEILSEN	35	39.18 SUSAN RICHMOND	5:07.21 K.PIPES-NEILSEN	35	20:57.21 KARLENE WISE	43
4:39.81 JUNE FORD	35	39.35 LIZ BURCHETT	5:24.81 JUNE FORD	35	21:02.44 MARY SWEAT	40
4:40.38 JILL HERNANDEZ	37	39.41 DARA WILBER	5:25.60 JILL HERNANDEZ	37	21:08.34 TRACY GRILLI	40
4:41.82 LAURIE VIDAL	35	39.68 LAURA WINSLOW	5:28.89 LAURIE VIDAL	35	21:27.82 N.STEADMAN-MARTIN	43
4:43.62 KELLY PARKER	35	• 100 M. BREASTSTROKE	5:53.06 PENNY BATES	36	21:43.80 JOANN HARRELSON	41
4:43.74 MARY ROEBUCK	35	1:17.44 L WETZEL-OSBORNE	5:57.98 JENNIFER ARDOLINO	36	21:50.60 CATHY PHILPOT	40
4:45.44 SUZANNE HEIM	39	1:19.42 K.PIPES-NEILSEN	5:58.10 NANCY ROSE	35	21:51.71 JEAN SPINELLI	41
4:49.12 MARGE CURRAN	36	1:25.21 EILEEN WALL	6:00.86 CAROL BADGER	37	• 50 M. BACKSTROKE	
4:58.52 MARGUERITE MEYER	38	1:25.36 ROSEMARIE SEAMAN	6:00.91 JANET RENNER	35	32.25 LAURA VAL	94
4:58.83 CATHY SHONKWILER	37	1:25.42 SUSAN RICHMOND	6:06.01 EILEEN WALL	39	34.97 KARLENE WISE	43
• 800 M. FREESTYLE		1:26.12 MAGGIE ROEPKE			35.25 S.NEILSON-BELL	41
9:16.20 K.PIPES-NEILSEN	97	1:26.28 S.SOTELO-OSBORNE			35.96 LESLIE ULEN	40
9:16.20 K.PIPES-NEILSEN	35	1:26.51 LIZ BURCHETT			36.00 THERESA VILLA	40
9:35.04 JUNE FORD	35	1:26.89 LESLIE COOPER			36.08 ANN GUINS	43
9:43.55 LAURIE VIDAL	35	1:27.41 DARA WILBER			36.42 CAROL PFLUGHEBER	44
9:46.55 MARY ROEBUCK	35	1:28.47 BETH SCHEIMAN			36.97 BONNIE ADAIR	44
9:49.08 KELLY PARKER	35	• 200 M. BREASTSTROKE			37.16 JANE BURKS	40
9:49.43 SUZANNE HEIM	39	2:52.25 K.PIPES-NEILSEN			37.72 JEAN SPINELLI	41
10:01.22 MARGUERITE MEYER	38	2:52.25 K.PIPES-NEILSEN			38.08 SHARON BURLINGAME	40
10:22.61 KERRI CULBERTSON	38	3:02.11 EILEEN WALL			• 100 M. BACKSTROKE	
10:29.32 NANCY ROSE	35	3:05.25 DANA WILBER			1:11.03 LAURA VAL	92
10:34.01 PENNY BATES	36	3:07.02 SUSAN RICHMOND			1:17.21 KARLENE WISE	43
• 1500 M. FREESTYLE		3:07.88 BETH SCHEIMAN			1:17.86 S.NEILSON-BELL	41
17:59.12 BETH KNIGHT	94	3:09.16 S.SOTELO-OSBORNE			1:17.88 LESLIE ULEN	40
18:01.81 K.PIPES-NEILSEN	35	3:10.24 LESLIE COOPER			1:19.94 CHARLENE O'BRIEN	40
18:37.69 KELLY PARKER	35	3:13.51 PENNY BATES			1:20.33 N.STEADMAN-MARTIN	43
19:21.52 MARGUERITE MEYER	38	3:13.83 LAURA WINSLOW			1:21.46 JANE BURKS	40
19:58.00 NANCY ROSE	35	3:14.46 BETTYANN LEVINE			1:21.57 ANN GUINS	44
20:11.69 HEIDI CHRISTENSEN	38	• 50 M. BUTTERFLY			1:22.58 MARILYN FINK	42
20:14.32 KERRI CULBERTSON	38	29.27 SUSAN HALFACRE			1:23.20 JEAN SPINELLI	41
20:23.75 PENNY BATES	36	29.77 K.PIPES-NEILSEN			• 200 M. BACKSTROKE	
20:47.55 AMY GROSSMAN	36	30.53 KATHY SHIPMAN			2:37.75 MARYANNE KEEVER	96
21:05.55 LESLIE HENSHAW	38	30.58 ROSEMARIE SEAMAN			2:47.21 KAREN SULLIVAN	40
21:47.66 VICKY WEBSTER	35	31.20 CATHY SHONKWILER			2:51.86 LESLIE ULEN	40
• 50 M. BACKSTROKE		31.22 TERRI NATALI			2:53.51 N.STEADMAN-MARTIN	43
31.83 K.PIPES-NEILSEN	97	31.97 THERESA VILLA			2:54.81 MARY CURL	40
31.83 K.PIPES-NEILSEN	35	31.98 LIZ BURCHETT			2:54.98 CHARLENE O'BRIEN	40
34.04 CATHY SHONKWILER	37	32.02 ANDREA BLOCK			2:56.89 KARLENE WISE	43
34.31 LAURIE VIDAL	35	32.21 CINDY WATTS			2:57.94 JEAN SPINELLI	41
35.46 CLAUDIA ETTELSON	35	32.22 CAREN MC NAMARA			3:01.74 MARILYN FINK	42
35.63 LIZ TUCKER	38	• 100 M. BUTTERFLY			3:02.49 CATHY NEVILLE	40
35.68 CORINNA SEIBT	35	1:04.89 K.PIPES-NEILSEN			3:02.80 SUSAN HOLLAND	41
36.10 MONICA BAILEY	36	1:04.89 K.PIPES-NEILSEN			• 50 M. BREASTSTROKE	
36.30 DEBBIE CAVANAUGH	39	1:07.98 JILL HERNANDEZ			37.02 A WRIGHT-BELKNAP	92
36.44 CINDY WATTS	36	1:08.35 JUNE FORD			37.93 LISA BENNETT	41
36.45 BETH KNIGHT	37	1:10.20 ROSEMARIE SEAMAN				

## WOMEN 40-44

• 50 M. FREESTYLE		27.39 S NEILSON-BELL	96			
		27.70 S.NEILSON-BELL	41			
		28.66 JACKI HIRSTY	44			
		29.20 PAM DRAFTS	40			
		29.42 KARLENE WISE	43			
		29.63 THERESA VILLA	40			
		30.04 DANIELLE OGIER	44			
		31.12 BONNIE ADAIR	44			
		31.16 JEAN SPINELLI	41			
		31.16 DEBORAH KUNOW	41			
		31.45 JUDY TIBMA	41			
• 100 M. FREESTYLE		1:00.63 S NEILSON-BELL	96			
		1:01.22 S.NEILSON-BELL	41			
		1:03.19 JACKI HIRSTY	44			
		1:04.58 DANIELLE OGIER	44			
		1:05.47 THERESA VILLA	40			
		1:05.55 BARBARA CROWDER	40			
		1:05.59 KARLENE WISE	43			
		1:06.46 PAM DRAFTS	40			
		1:06.68 SUSAN SKIFF	42			
		1:08.03 JEAN SPINELLI	41			
		1:08.50 LO KNAPP	42			
• 200 M. FREESTYLE		2:14.97 LAURA VAL	94			
		2:17.27 S.NEILSON-BELL	41			
		2:19.96 DANIELLE OGIER	44			
		2:21.02 JACKI HIRSTY	44			
		2:23.40 BARBARA CROWDER	40			
		2:24.50 SUSAN SKIFF	42			
		2:28.32 JEAN SPINELLI	41			
		2:29.15 CINDY LEE	40			

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

38.47 JUDY TIBMA	41	2:57.77 JILL WHITNEY	40	1500 M. FREESTYLE		3:23.04 P.KAWAKAMI	46
38.65 DANIELLE OGIER	44	2:58.18 MARILYN FINK	42	19:28.34 BARBARA DUNBAR	94	3:24.99 KAT CLARK	48
39.52 PAM DRAFTS	40	2:58.84 CATHY NEVILLE	40	20:05.63 BARBARA DUNBAR	48	3:29.92 LAURIE GRUBBS	45
39.67 JILL WHITNEY	40	400 M. INDIVIDUAL MEDLEY		20:33.72 NANCY FISHER	46	3:31.02 MARGARET DODSON	46
40.41 PATRICIA MATTSO	43	5:39.70 LAURA VAL	93	20:37.04 SUSAN HALFACRE	45	3:38.26 MARTHA ALEXANDER	47
40.64 MERRY FINCH	43	5:45.85 DANIELLE OGIER	44	21:09.55 P.KAWAKAMI	46	3:39.33 BARBARA DUNBAR	48
40.98 S.NEILSON-BELL	41	5:52.66 S.NEILSON-BELL	41	21:42.16 SHERRY KITTRELL	45	50 M. BUTTERFLY	
41.57 PAT REEVE	43	5:53.57 KAREN SULLIVAN	40	21:48.63 F.WILLIAMSON	49	30.74 ARDETH MUELLER	87
41.92 EDNA MOORE	42	6:15.27 KARLENE WISE	43	22:09.46 J.WATTENBARGER	47	31.47 LAURA VAL	45
100 M. BREASTSTROKE		6:17.21 JOANN HARRELSON	41	22:33.31 MARCIA BARRY	48	32.49 SUSAN HALFACRE	45
1:21.73 DEBORAH WALKER	91	6:17.83 KATHI BULLOCK	43	22:34.93 LAURIE GRUBBS	45	33.39 KATHY KELLY	48
1:24.69 LISA BENNETT	41	6:18.07 CATHY NEVILLE	40	22:55.02 LYNN SILVER	45	34.65 EVELYN LYNCH	45
1:24.91 JUDY TIBMA	41	6:20.48 PHYLLIS QUINN	41	50 M. BACKSTROKE		34.73 R.BRITTINGHAM	45
1:27.76 DANIELLE OGIER	44	6:22.75 DENISE EVERITT	44	32.93 LAURA VAL	97	35.01 BARBARA DUNBAR	48
1:28.02 PAM DRAFTS	40	6:27.69 PATRICIA MATTSO	44	32.93 LAURA VAL	45	35.09 JONELLE SCHMIDT	46
1:29.17 JILL WHITNEY	40			35.71 EVELYN LYNCH	45	35.23 JANET ZANN	46
1:30.89 KAREN MCLARTY	40	WOMEN 45-49		36.48 SUSAN HALFACRE	45	35.44 RUTH SHAPS	49
1:32.03 MARY ANDERSON	43			36.84 DENISE KIRWAN	45	35.73 A. SUSAN TYLER	48
1:32.66 JO ANN HARRELSON	41	50 M. FREESTYLE		38.55 JANET ZANN	46	100 M. BUTTERFLY	
1:33.00 PATRICIA MATTSO	44	28.57 LAURA VAL	97	39.30 RUTH SHAPS	49	1:09.64 LAURA VAL	97
1:34.25 EDNA MOORE	42	28.57 LAURA VAL	45	39.59 BONNIE JOHNSTON	45	1:09.64 LAURA VAL	45
200 M. BREASTSTROKE		30.93 DENISE KIRWAN	45	39.69 R.BRITTINGHAM	45	1:16.97 KRISSEY MACCUDY	45
2:59.24 GAYLE BENTY	93	31.41 F.WILLIAMSON	49	39.90 DEB WALKER	45	1:17.60 BARBARA DUNBAR	48
3:04.02 JUDY TIBMA	41	31.52 CELESTE MILLER	47	40.92 MARY BENNETT	47	1:22.95 CHERYL FITZGERALD	45
3:06.98 LISA BENNETT	41	31.63 EVELYN LYNCH	45	100 M. BACKSTROKE		1:23.82 R.BRITTINGHAM	45
3:07.36 DANIELLE OGIER	44	31.65 R.BRITTINGHAM	45	1:12.70 LAURA VAL	97	1:23.88 RUTH SHAPS	49
3:10.29 PAM DRAFTS	40	31.83 PATRICIA MARKEY	47	1:12.70 LAURA VAL	45	1:26.40 A. SUSAN TYLER	48
3:14.74 JOANN HARRELSON	41	31.86 MARY BENNETT	47	1:17.61 EVELYN LYNCH	45	1:26.74 TERRY GAULT	46
3:17.45 KAREN MCLARTY	40	31.90 SUSAN HALFACRE	45	1:19.75 DENISE KIRWAN	45	1:29.30 KAT CLARK	48
3:19.00 PAM ALLEN	41	32.09 CAROLYN ROCHE	46	1:21.61 SUSAN HALFACRE	45	1:30.02 SHERRY KITTRELL	45
3:21.78 JILL WHITNEY	40	100 M. FREESTYLE		1:22.15 DEB WALKER	46	200 M. BUTTERFLY	
3:22.15 MARY ANDERSON	43	1:02.78 LAURA VAL	97	1:22.58 BONNIE KESTNER	45	2:38.78 BARBARA DUNBAR	94
3:22.98 MERRY FINCH	43	1:02.78 LAURA VAL	45	1:23.25 JONELLE SCHMIDT	46	2:43.94 BARBARA DUNBAR	48
50 M. BUTTERFLY		1:06.74 SUSAN HALFACRE	45	1:25.67 RUTH SHAPS	49	2:40.19 TERRY GAULT	46
29.89 LAURA VAL	94	1:06.79 CELESTE MILLER	47	1:26.80 JANET ZANN	46	3:06.81 BONNIE KESTNER	45
30.78 S.NEILSON-BELL	41	1:08.42 F.WILLIAMSON	49	1:27.29 BONNIE JOHNSTON	45	3:09.28 CHERYL FITZGERALD	45
31.44 THERESA VILLA	40	1:09.14 DENISE KIRWAN	45	200 M. BACKSTROKE		3:14.92 P.KAWAKAMI	46
32.19 BARBARA CROWDER	40	1:09.52 JONELLE SCHMIDT	46	2:42.60 CECILIA MCCLOSKEY	95	3:23.47 SHERRY KITTRELL	45
32.52 KARLENE WISE	43	1:10.57 BARBARA DUNBAR	48	2:51.78 DENISE KIRWAN	45	3:29.63 R.BRITTINGHAM	45
32.72 JACKI HIRSTY	44	1:11.29 R.BRITTINGHAM	45	2:52.81 EVELYN LYNCH	45	3:30.22 SUZANNE RAGUE	46
32.81 CHARLENE O'BRIEN	40	1:12.27 P.KAWAKAMI	46	2:56.14 BONNIE KESTNER	45	3:30.67 CHRISTINE ZIMMET	49
33.35 DEBBIE FLANSBURG	41	1:12.62 CYNTHIA JONES	47	3:01.74 JONELLE SCHMIDT	46	3:38.59 VICKI SERIANNI	46
33.58 DANIELLE OGIER	44	200 M. FREESTYLE		3:05.01 RUTH SHAPS	49	200 M. INDIVIDUAL MEDLEY	
33.78 LESLIE ULEN	40	2:22.85 BARBARA DUNBAR	96	3:10.42 B. JOHNSTON	45	2:40.95 LAURA VAL	97
33.90 JUDY TIBMA	41	2:22.92 CELESTE MILLER	47	3:14.11 CHRISTINE ZIMMET	49	2:40.95 LAURA VAL	45
100 M. BUTTERFLY		2:24.47 SUSAN HALFACRE	45	3:14.87 VICKI SERIANNI	46	2:46.03 DEB WALKER	46
1:06.27 LAURA VAL	92	2:28.06 BARBARA DUNBAR	48	3:15.79 CHERYL FITZGERALD	45	2:51.37 CELESTE MILLER	47
1:11.47 S.NEILSON-BELL	41	2:30.62 DEB WALKER	46	3:16.48 KATHRINE CASEY	48	2:53.13 EVELYN LYNCH	45
1:11.53 THERESA VILLA	40	2:34.26 F.WILLIAMSON	49	50 M. BREASTSTROKE		2:54.74 JONELLE SCHMIDT	46
1:12.67 DEBBIE FLANSBURG	41	2:37.79 SHERRY KITTRELL	45	36.97 SUSAN ROY	94	2:55.30 KRISSEY MACCUDY	45
1:13.71 BARBARA CROWDER	40	2:38.42 JONELLE SCHMIDT	46	38.67 DEB WALKER	45	2:55.91 DENISE KIRWAN	45
1:14.13 SUSAN SKIFF	42	2:40.57 CYNTHIA JONES	47	39.21 A.WRIGHT-BELKNAP	46	2:57.03 BARBARA DUNBAR	48
1:14.95 DANIELLE OGIER	44	2:40.61 ANN LYTTLE	49	39.85 KRISSEY MACCUDY	45	2:59.75 BONNIE KESTNER	45
1:15.69 KAREN SULLIVAN	40	2:41.60 MARCIA BARRY	48	40.58 MARY LIOTTA	45	3:03.51 S.LEE-SHERIDAN	45
1:16.10 KARLENE WISE	43	400 M. FREESTYLE		41.16 MEEGAN WILSON	48	400 M. INDIVIDUAL MEDLEY	
1:19.15 DENISE EVERITT	44	4:56.06 LAURA VAL	97	41.16 ELIZABETH CUTTER	45	5:48.29 LAURA VAL	97
1:19.98 JANE BURKS	40	4:56.06 LAURA VAL	45	42.21 KAT CLARK	48	5:48.29 LAURA VAL	45
200 M. BUTTERFLY		5:02.40 CELESTE MILLER	47	43.43 JANET ZANN	46	6:03.43 BARBARA DUNBAR	48
2:32.59 LAURA VAL	95	5:07.04 BARBARA DUNBAR	48	43.95 LESLIE TREAT	48	6:19.39 BONNIE KESTNER	45
2:39.68 DEBBIE FLANSBURG	41	5:07.09 SUSAN HALFACRE	45	44.30 KATHRINE CASEY	48	6:22.75 KRISSEY MACCUDY	45
2:42.00 SUSAN SKIFF	42	5:30.23 F.WILLIAMSON	49	100 M. BREASTSTROKE		6:34.69 P.KAWAKAMI	46
2:44.61 KAREN SULLIVAN	40	5:32.57 TERRY GAULT	46	1:22.27 SUSAN ROY	94	6:38.76 CHERYL FITZGERALD	45
2:54.52 THERESA VILLA	40	5:34.91 P.KAWAKAMI	46	1:23.94 DEB WALKER	46	6:56.97 CHRISTINE ZIMMET	49
2:56.72 N.STEADMAN-MARTIN	43	5:37.51 SHERRY KITTRELL	45	1:27.62 KRISSEY MACCUDY	45	6:57.03 SHERRY KITTRELL	45
2:58.81 DENISE EVERITT	44	5:40.47 MARCIA BARRY	48	1:29.61 A.WRIGHT-BELKNAP	46	6:57.38 KATHRINE CASEY	48
2:58.95 KARLENE WISE	43	5:40.85 ANN LYTTLE	49	1:29.86 ELIZABETH CUTTER	45	7:01.93 R.BRITTINGHAM	45
3:02.57 KITTEN BRAATEN	41	800 M. FREESTYLE		1:31.11 MEEGAN WILSON	48		
3:03.76 JANE BURKS	40	10:20.34 BARBARA DUNBAR	95	1:33.15 KAT CLARK	48	WOMEN 50-54	
3:13.38 KATHI BULLOCK	43	10:24.50 CELESTE MILLER	47	1:37.53 JANET ZANN	46	50 M. FREESTYLE	
200 M. INDIVIDUAL MEDLEY		10:31.24 BARBARA DUNBAR	48	1:37.62 P.KAWAKAMI	46	29.33 ARDETH MUELLER	93
2:38.18 S.NEILSON-BELL	96	10:39.38 SUSAN HALFACRE	45	1:38.70 LESLIE TREAT	48	33.14 LINDA MCHENRY	50
2:38.48 S.NEILSON-BELL	41	11:02.41 NANCY FISHER	46	1:39.56 MARY LIOTTA	45	33.81 JACKIE MARR	54
2:40.28 DANIELLE OGIER	44	11:18.04 TERRY GAULT	46	200 M. BREASTSTROKE		33.97 BETTY BENNETT	54
2:44.26 BARBARA CROWDER	40	11:21.18 BONNIE KESTNER	45	3:01.69 DEB WALKER	97	34.47 SALLY DILLON	50
2:48.52 THERESA VILLA	40	11:25.72 SHERRY KITTRELL	45	3:01.69 DEB WALKER	46	34.63 RUTH BENNETT	50
2:48.61 KAREN SULLIVAN	40	11:25.92 P.KAWAKAMI	46	3:14.45 KRISSEY MACCUDY	45	34.85 IRENE DAVID	53
2:52.62 LISA BENNETT	41	11:26.40 DIANNE GARCIA	46	3:19.32 ELIZABETH CUTTER	45	34.95 BEA KELLY	53
2:56.14 KAREN MCLARTY	40	11:28.64 F.WILLIAMSON	49	3:19.38 MEEGAN WILSON	48		

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

35.31 NANCY BROOKS 54	1:26.81 BETTY BENNETT 54	1:40.48 MARY POHLMANN 52	• 400 M. FREESTYLE
35.67 DIANE MILNER 51	1:28.25 MARY POHLMANN 52	1:42.92 LINDA TEPE 50	5:25.59 ARDETH MUELLER 97
35.68 GRETCHEN PINGLEY 50	1:29.68 JACKIE MARR 54	1:46.70 P.PATTERSON 51	5:25.59 ARDETH MUELLER 56
• 100 M. FREESTYLE	1:36.30 JANE KATZ 54	• 200 M. BUTTERFLY	5:50.38 NANCY RIDOUT 55
1:07.42 ARDETH MUELLER 92	1:36.59 BARBARA LARSEN 50	2:49.53 ARDETH MUELLER 91	6:15.06 BARBARA FRID 55
1:13.89 LINDA MCHENRY 50	1:37.67 GINGER PIERSON 51	3:12.26 ANNE GRAMS 50	6:23.41 SUSAN BRADLEY-COX 59
1:14.05 SALLY DILLON 50	1:38.55 DIANE MILNER 51	3:23.43 JACKIE MARR 54	6:23.44 JAYNE LAMBKE 58
1:14.68 RUTH BENNETT 50	1:40.76 SARAH TYLER 52	3:23.78 GINGER PIERSON 51	6:29.13 BETSY DURRANT 55
1:17.57 JACKIE MARR 54	1:42.05 REBECCA HERRERO 54	3:34.26 ELAINE BROMWICH 54	6:48.94 SUSAN MEYERS 55
1:19.28 JEANNIE MITCHELL 50	• 200 M. BACKSTROKE	3:36.60 BARBARA LARSEN 50	6:52.13 SALLY BOLAR 58
1:19.31 GINGER PIERSON 51	3:01.07 BETSY JORDAN 87	3:41.21 IRENE DAVID 53	7:05.68 MARIE MAINVILLE 56
1:19.46 BETTY BENNETT 54	3:07.83 MARY POHLMANN 52	4:04.42 PAMELA HIMSTREET 53	7:18.62 ELIZABETH JOHNSON 58
1:20.17 LUCY JOHNSON 50	3:08.83 BETTY BENNETT 54	4:13.11 VICKI BUCCINO 51	• 800 M. FREESTYLE
1:21.76 CHRISTINE CLUM 51	3:12.57 JEANNIE MITCHELL 50	4:15.42 ANN ONTON 53	11:15.07 ARDETH MUELLER 97
1:22.04 DIANE MILNER 51	3:13.51 JACKIE MARR 54	4:16.47 NANCY KRANPITZ 52	11:15.07 ARDETH MUELLER 56
• 200 M. FREESTYLE	3:18.42 LINDA MCHENRY 50	• 200 M. INDIVIDUAL MEDLEY	12:23.34 SARAH BROUGHNER 55
2:29.22 ARDETH MUELLER 93	3:21.54 JANE KATZ 54	2:53.40 CAROLYN BOAK 95	12:34.05 NANCY RIDOUT 55
2:38.45 ANNE GRAMS 50	3:24.31 BARBARA LARSEN 50	3:04.73 ANNE GRAMS 50	12:54.66 JAYNE LAMBKE 58
2:39.89 JACKIE MARR 54	3:31.99 GINGER PIERSON 51	3:11.54 JACKIE MARR 54	12:57.54 CAROL JEWELL 55
2:41.21 SALLY DILLON 50	3:33.54 SUSAN ALLEN 52	3:12.79 BETTY BENNETT 54	13:04.59 BARBARA ZAREMSKI 59
2:47.59 LYNN CARTEE 50	3:39.98 FREDERICKA RAPP 53	3:13.01 LYNN CARTEE 50	13:21.88 SUSAN BRADLEY-COX 59
2:51.22 RUTH BENNETT 50	• 50 M. BREASTSTROKE	3:16.24 GINGER PIERSON 51	14:13.40 BARBARA FRID 55
2:51.42 BETTY BENNETT 54	39.82 CAROLYN BOAK 96	3:16.46 ALICE ZABUDSKY 52	14:30.11 LYNNE LUND 56
2:55.43 GINGER PIERSON 51	41.02 ELAINE BROMWICH 54	3:18.57 LINDA MCHENRY 50	14:32.27 ELIZABETH JOHNSON 58
2:58.08 VICKI BUCCINO 51	41.07 GINGER PIERSON 51	3:19.15 ELAINE BROMWICH 54	• 1500 M. FREESTYLE
2:58.31 JANE KATZ 54	42.82 LYNN CARTEE 50	3:20.06 MARGOT PETTIJOHN 51	21:09.91 ARDETH MUELLER 97
2:58.51 ALICE ZABUDSKY 52	43.91 SALLY DILLON 50	3:20.93 MARY POHLMANN 52	21:09.91 ARDETH MUELLER 56
• 400 M. FREESTYLE	44.10 CHRISTINE CLUM 51	• 400 M. INDIVIDUAL MEDLEY	24:22.10 BARBARA FRID 55
5:16.62 ARDETH MUELLER 91	44.32 NANCY BROOKS 54	6:12.08 ARDETH MUELLER 92	24:35.10 CAROL JEWELL 55
5:47.91 ANNE GRAMS 50	44.59 MARGOT PETTIJOHN 51	6:36.56 JACKIE MARR 54	25:05.05 SUSAN BRADLEY-COX 59
5:53.74 SALLY DILLON 50	45.58 MAUREEN KIKUT 52	6:51.88 ELAINE BROMWICH 54	25:08.15 JAYNE LAMBKE 58
5:56.96 JACKIE MARR 54	46.32 ALICE ADAMS 50	7:05.54 LYNN CARTEE 50	26:23.51 BARBARA ZAREMSKI 59
6:04.21 LYNN CARTEE 50	46.40 GRETCHEN PINGLEY 50	7:09.86 GINGER PIERSON 51	26:58.32 LYNNE LUND 56
6:06.20 RUTH BENNETT 50	• 100 M. BREASTSTROKE	7:15.49 MARGOT PETTIJOHN 50	27:21.39 ELIZABETH JOHNSON 58
6:12.19 MARY POHLMANN 52	1:28.83 JOANN LEILICH 90	7:25.73 JANE KATZ 54	27:30.26 MARIE MAINVILLE 56
6:19.28 JANE KATZ 54	1:30.44 ELAINE BROMWICH 54	7:29.38 LINDA MCHENRY 50	27:37.85 SALLY BOLAR 58
6:20.64 VICKI BUCCINO 51	1:32.58 GINGER PIERSON 51	7:48.70 TRISH LEWIS 52	• 50 M. BACKSTROKE
6:20.84 GINGER PIERSON 51	1:35.40 CHRISTINE CLUM 51	7:55.01 VICKI BUCCINO 51	37.30 BETSY JORDAN 92
6:30.46 MARY ABBEY 50	1:35.47 MARGOT PETTIJOHN 50	8:22.64 NANCY KRANPITZ 52	41.36 BARBARA FRID 55
• 800 M. FREESTYLE	1:37.37 SALLY DILLON 50		43.30 LYNNE LUND 56
10:58.47 ARDETH MUELLER 91	1:37.70 NANCY BROOKS 54	WOMEN 55-59	43.59 BETSY DURRANT 55
12:10.47 SALLY DILLON 50	1:37.75 LYNN CARTEE 50	• 50 M. FREESTYLE	43.93 JUDY MARTIN 55
12:18.75 MARY POHLMANN 52	1:38.93 MAUREEN KIKUT 52	30.83 ARDETH MUELLER 97	45.27 JUDY KENNEDY 59
12:53.47 VICKI BUCCINO 51	1:41.03 ALICE-HELE ADAMS 50	30.83 ARDETH MUELLER 56	46.15 MARGIT JEBE 59
13:17.75 MARY ABBEY 50	1:46.72 JANIT ROMAYKO 51	31.54 NANCY RIDOUT 55	46.63 CEIL BLACKWELL 56
13:45.34 GINGER PIERSON 51	• 200 M. BREASTSTROKE	34.54 JAYNE LAMBKE 57	47.77 SUZY CARLSON 55
14:35.92 LOIS GOODMAN 50	3:15.41 CAROLYN BOAK 95	34.72 BARBARA FRID 55	48.12 SUSAN SPRINGER 58
14:50.44 CAROL SMOLLEN 53	3:16.47 ELAINE BROMWICH 54	35.50 SALLY NEWELL 59	48.41 BARBARA DILLARD 58
14:52.06 AMY SEXSMITH 50	3:24.68 GINGER PIERSON 51	35.80 V.REINIKAINEN 55	• 100 M. BACKSTROKE
15:08.23 ELLEN SHOCKRO 54	3:25.30 MARGOT PETTIJOHN 51	36.46 SUSAN BRADLEY-COX 59	1:21.42 BETSY JORDAN 92
15:10.03 BENTLEY MARANE 53	3:32.36 CHRISTINE CLUM 51	37.36 LUCILLE GRIFFIN 58	1:32.66 BARBARA FRID 55
• 1500 M. FREESTYLE	3:34.98 SALLY DILLON 50	37.46 MARGIE HEINEMAN 59	1:35.04 BETSY DURRANT 55
21:02.46 ARDETH MUELLER 91	3:39.34 NANCY BROOKS 54	37.51 CEIL BLACKWELL 56	1:38.23 LYNNE LUND 56
25:16.07 VICKI BUCCINO 51	3:42.10 JACKIE MARR 54	• 100 M. FREESTYLE	1:41.63 MARGIT JEBE 59
25:32.08 SUSAN ALLEN 52	3:42.37 ALICE ADAMS 50	1:11.18 ARDETH MUELLER 97	1:42.50 LUCILLE GRIFFIN 58
25:43.73 GINGER PIERSON 51	3:50.60 PAMELA HIMSTREET 53	1:11.18 ARDETH MUELLER 56	1:42.79 CEIL BLACKWELL 56
27:04.19 PAMELA HIMSTREET 53	3:52.06 BETTY VEATER 51	1:11.64 NANCY RIDOUT 55	1:43.95 JUDY KENNEDY 59
27:37.84 TRISH LEWIS 52	• 50 M. BUTTERFLY	1:11.64 NANCY RIDOUT 55	1:46.55 SUSAN SPRINGER 58
27:44.14 LOIS GOODMAN 50	31.69 ARDETH MUELLER 93	1:18.69 JAYNE LAMBKE 58	1:48.38 MARIAN COAKLEY 59
27:49.76 CAROL SMOLLEN 53	35.45 ANNE GRAMS 50	1:20.06 BARBARA FRID 55	1:49.88 JAYNE LAMBKE 57
28:38.40 DIANA TUCKER 50	37.76 GINGER PIERSON 51	1:20.40 V.REINIKAINEN 55	• 200 M. BACKSTROKE
29:37.05 JANIT ROMAYKO 52	37.88 JACKIE MARR 54	1:20.40 SUSAN BRADLEY-COX 59	2:59.18 BETSY JORDAN 92
29:41.31 MARY PARKER 50	38.46 IRENE DAVID 53	1:23.48 CLAIRE O'BRIEN 58	3:16.32 SARAH BROUGHNER 55
• 50 M. BACKSTROKE	40.00 ALICE ZABUDSKY 52	1:24.05 SALLY BOLAR 58	3:22.66 BETSY DURRANT 55
37.62 BETSY JORDAN 91	40.35 MAUREEN KIKUT 52	1:24.47 SALLY NEWELL 59	3:27.32 BARBARA FRID 55
39.04 JEANNIE MITCHELL 50	40.72 LINDA MCHENRY 50	1:24.80 SUSAN MEYERS 55	3:31.86 JUDY MARTIN 55
39.64 BETTY BENNETT 54	41.46 ALICE-HELE ADAMS 50	• 200 M. FREESTYLE	3:33.73 LYNNE LUND 56
40.66 MARY POHLMANN 52	42.22 B.EDELMAIER 50	2:34.88 ARDETH MUELLER 97	3:42.62 CEIL BLACKWELL 56
43.14 GINGER PIERSON 51	43.35 P.PATTERSON 51	2:34.88 ARDETH MUELLER 56	3:46.56 JUDY KENNEDY 59
43.18 ALICE ADAMS 50	• 100 M. BUTTERFLY	2:41.39 NANCY RIDOUT 55	3:50.03 SUSAN SPRINGER 58
43.62 JACKIE MARR 54	1:13.86 ARDETH MUELLER 93	2:55.70 JAYNE LAMBKE 57	3:50.63 LUCILLE GRIFFIN 58
43.86 LUCY JOHNSON 50	1:18.98 ANNE GRAMS 50	2:56.22 SUSAN BRADLEY-COX 59	3:53.44 BARBARA DILLARD 58
44.47 BARBARA LARSEN 50	1:32.24 JACKIE MARR 54	2:59.48 BARBARA FRID 55	• 50 M. BREASTSTROKE
44.61 SARAH TYLER 52	1:33.28 GINGER PIERSON 51	3:00.94 CAROL JEWELL 55	39.91 JAYNE BRUNER 91
45.08 DIANE MILNER 51	1:33.68 MARGOT PETTIJOHN 50	3:12.39 SALLY BOLAR 58	41.38 JOANN LEILICH 58
• 100 M. BACKSTROKE	1:35.29 IRENE DAVID 53	3:13.16 BARBARA ZAREMSKI 59	43.99 SALLY NEWELL 59
1:23.29 BETSY JORDAN 91	1:37.46 ALICE ZABUDSKY 52	3:15.36 MARGIE HEINEMAN 59	44.23 NANCY RIDOUT 55
1:26.08 JEANNIE MITCHELL 50	1:37.75 BARBARA LARSEN 50	3:15.73 LYNNE LUND 56	44.97 BETSY DURRANT 55

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

45.37 BARBARA FRID	55	7:30.62 MARGIT JEBE	59	26:07.53 JEANNE LITTLE	60	4:14.67 JEAN STERLING	60
45.86 V.REINIKAINEN	55	7:37.83 JAYNE LAMBKE	57	26:07.77 BARBARA ZAREMSKI	60	50 M. BUTTERFLY	
46.96 SUSAN MEYERS	55	7:42.40 LYNNE LUND	56	26:22.83 ANNE MCGUIRE	62	38.10 JAYNE BRUNER	94
47.65 MARGIT JEBE	59	7:49.34 ELIZABETH JOHNSON	58	27:11.59 RONNIE KAMPHAUSEN	63	40.67 BETSY JORDAN	60
48.80 JUDY MARTIN	55	7:58.42 DOROTHY BURKE	57	28:13.02 SHIRLEY DACEY	60	42.23 JEANNE LITTLE	60
48.85 MARGIE HEINEMAN	59	8:02.57 BARBARA ZAREMSKI	59	28:22.15 DONNA MONROE	63	43.92 BEVERLY MEYERS	61
100 M. BREASTSTROKE		8:10.43 SUSAN SPRINGER	58	29:39.13 JEAN GARBUS	63	45.71 BARBARA CALLISON	64
1:29.88 JAYNE BRUNER	92	8:25.45 SALLY BOLAR	58	50 M. BACKSTROKE		46.02 ERNESTINE BEATTIE	61
1:33.52 JOANN LEILICH	58	8:49.80 HELEN GEOFFRION	58	38.76 BETSY JORDAN	97	46.10 JEAN GARBUS	63
1:38.00 SALLY NEWELL	59	8:50.04 INGRID STINE	58	38.76 BETSY JORDAN	60	46.60 NORMA POWELL	63
1:40.79 V.REINIKAINEN	55			45.36 NANCY BROWN	61	46.69 DIANE STOWELL	63
1:41.33 BETSY DURRANT	55	WOMEN 60-64		46.08 DOROTHY WHITEHEAD	62	47.02 DORIS KLITZKE	62
1:41.39 MARGIT JEBE	59			46.51 ANN KAY	63	47.52 PATRICIA TULLMAN	60
1:42.07 BARBARA FRID	55	50 M. FREESTYLE		46.84 DORIS KLITZKE	62	100 M. BUTTERFLY	
1:45.73 DOROTHY BURKE	57	32.77 JAYNE BRUNER	95	46.95 BEVERLY MYERS	62	1:31.34 JAYNE BRUNER	96
1:46.94 TITA ARNOLD	55	35.03 JEANNE LITTLE	60	47.62 PATRICIA TULLMAN	60	1:42.45 NORMA POWELL	63
1:48.18 SUSAN MEYERS	55	35.65 DIANE STOWELL	63	47.86 SUZANNE ROBBINS	63	1:43.28 BETSY JORDAN	60
1:51.48 MARGIE HEINEMAN	59	36.62 BETSY JORDAN	60	48.43 DIANE STOWELL	63	1:49.53 BARBARA CALLISON	64
200 M. BREASTSTROKE		36.84 BARBARA ZAREMSKI	60	48.48 JEAN FOX	62	1:52.05 ANNE MCGUIRE	62
3:19.93 JOANN LEILICH	94	37.24 ANN KAY	63	100 M. BACKSTROKE		1:52.37 DOROTHY MCGRAW	61
3:20.43 JOANN LEILICH	58	38.05 MARGIE HEINEMAN	60	1:24.45 BETSY JORDAN	97	1:53.23 DORIS KLITZKE	62
3:39.28 SALLY NEWELL	59	38.29 RONNIE KAMPHAUSEN	63	1:24.45 BETSY JORDAN	60	1:53.56 PATRICIA TULLMAN	60
3:41.59 MARGIT JEBE	59	38.36 LAVELLE STOINOFF	64	1:38.07 DIANE STOWELL	63	1:56.96 JEAN GARBUS	63
3:45.99 SUSAN MEYERS	55	38.86 JEAN GARBUS	63	1:39.93 ANN KAY	63	1:57.42 B ZAREMSKI	60
3:48.49 DOROTHY BURKE	57	38.94 PATRICIA TULLMAN	60	1:40.84 BEVERLY MEYERS	61	1:58.21 ANN JOHNSEN	61
3:57.50 ELIZABETH JOHNSON	58	100 M. FREESTYLE		1:44.04 BARBARA ZAREMSKI	60	200 M. BUTTERFLY	
4:06.47 SUSANNE SCHUMANN	59	1:14.69 JAYNE BRUNER	94	1:45.12 DOROTHY WHITEHEAD	62	3:32.87 GAIL ROPER	90
4:09.15 BARBARA ZAREMSKI	59	1:19.99 DIANE STOWELL	63	1:45.52 SUZANNE ROBBINS	63	3:56.00 BETSY JORDAN	60
4:10.81 CAROLYN HAEFNER	57	1:22.02 JEANNE LITTLE	60	1:45.73 DORIS KLITZKE	62	4:03.86 ANNE MCGUIRE	62
4:21.50 PATRICIA ARNOLD	58	1:22.72 LAVELLE STOINOFF	64	1:48.79 RONNIE KAMPHAUSEN	63	4:12.60 BARBARA ZAREMSKI	60
50 M. BUTTERFLY		1:23.79 BARBARA ZAREMSKI	60	1:52.73 JEAN FOX	62	4:14.22 JEANNE LITTLE	60
35.29 GAIL ROPER	85	1:26.75 ANN KAY	63	200 M. BACKSTROKE		4:19.49 PATRICIA TULLMAN	60
35.81 SARAH BROUGHER	55	1:26.99 BETSY JORDAN	60	3:06.23 BETSY JORDAN	97	4:36.92 BARBARA CALLISON	64
36.22 NANCY RIDOUT	55	1:27.71 PATRICIA TULLMAN	60	3:06.23 BETSY JORDAN	60	5:09.35 DORIS PROKOPI	61
37.63 BARBARA FRID	55	1:28.42 JEAN GARBUS	63	3:24.10 LAVELLE STOINOFF	64	5:22.92 NANCY MCPHEE	64
39.51 LYNNE LUND	56	1:28.88 BEVERLY MYERS	62	3:26.79 NANCY BROWN	61	200 M. INDIVIDUAL MEDLEY	
40.23 V.REINIKAINEN	55	1:32.34 JEAN FOX	62	3:39.53 BEVERLY MEYERS	61	3:15.48 BETSY JORDAN	97
44.68 MIDGE KRAETZER	58	200 M. FREESTYLE		3:47.85 BARBARA ZAREMSKI	60	3:15.48 BETSY JORDAN	60
44.83 SALLY BOLAR	58	2:43.83 LAVELLE STOINOFF	93	3:49.80 DOROTHY WHITEHEAD	62	3:26.53 DIANE STOWELL	63
45.42 SUSAN MEYERS	55	2:53.67 LAVELLE STOINOFF	64	3:53.50 SUZANNE ROBBINS	63	3:33.93 BEVERLY MEYERS	61
45.68 SANDY CATTARIN	57	2:57.58 DIANE STOWELL	63	3:54.94 SHIRLEY DACEY	60	3:40.06 NORMA POWELL	63
46.16 CLAIRE O'BRIEN	58	3:02.07 BETSY JORDAN	60	3:56.95 PATRICIA TULLMAN	60	3:40.38 BARBARA ZAREMSKI	60
100 M. BUTTERFLY		3:08.43 BARBARA ZAREMSKI	60	3:58.27 DORIS KLITZKE	62	3:43.87 ANNE MCGUIRE	62
1:21.91 ARDETH MUELLER	97	3:08.59 RONNIE KAMPHAUSEN	63	50 M. BREASTSTROKE		3:44.98 BARBARA CALLISON	64
1:21.91 ARDETH MUELLER	56	3:10.42 NANCY BROWN	61	42.48 JAYNE BRUNER	96	3:52.82 JEAN GARBUS	63
1:24.52 NANCY RIDOUT	55	3:11.96 JEANNE LITTLE	60	47.56 NORMA POWELL	63	3:58.22 ANN JOHNSEN	61
1:36.89 LYNNE LUND	56	3:14.57 PATRICIA TULLMAN	60	47.89 BEVERLY MEYERS	61	3:58.59 JEAN STERLING	60
1:38.65 JAYNE LAMBKE	57	3:17.17 BEVERLY MYERS	62	47.94 ANNE MCGUIRE	62	400 M. INDIVIDUAL MEDLEY	
1:41.28 CAROL JEWELL	55	3:20.16 JEAN GARBUS	63	48.36 JACQUELYN PIPER	60	6:59.45 CLARA WALKER	86
1:43.17 SALLY BOLAR	58	400 M. FREESTYLE		49.35 MARGIE HEINEMAN	60	7:09.01 BETSY JORDAN	60
1:45.01 LUCILLE GRIFFIN	58	5:47.52 LAVELLE STOINOFF	93	49.38 BETSY JORDAN	60	7:31.13 NANCY BROWN	61
1:50.94 SUSAN MEYERS	55	6:04.64 LAVELLE STOINOFF	64	50.35 JEAN STERLING	60	7:56.35 BARBARA ZAREMSKI	60
1:58.55 ELIZABETH JOHNSON	58	6:19.71 DIANE STOWELL	63	50.51 ANN JOHNSEN	61	7:59.43 ANNE MCGUIRE	62
2:05.82 LYNNE DE VICTORIA	55	6:19.81 NANCY BROWN	61	51.05 JEAN GARBUS	63	8:09.21 BARBARA CALLISON	64
200 M. BUTTERFLY		6:22.44 BETSY JORDAN	60	51.16 DOROTHY MCGRAW	61	8:27.23 JEAN GARBUS	63
3:19.84 GAIL ROPER	85	6:35.02 JEANNE LITTLE	60	100 M. BREASTSTROKE		8:32.37 JEAN STERLING	60
3:41.85 JAYNE LAMBKE	57	6:57.83 BARBARA ZAREMSKI	60	1:34.12 JAYNE BRUNER	96	8:59.04 DONNA MONROE	63
3:56.38 MARGIT JEBE	59	6:58.09 PATRICIA TULLMAN	60	1:45.16 NORMA POWELL	63	9:17.89 SHIRLEY DACEY	60
3:57.96 LUCILLE GRIFFIN	58	7:08.59 DONNA MONROE	63	1:45.39 BEVERLY MEYERS	61	9:35.50 DORIS PROKOPI	61
4:01.65 SALLY BOLAR	58	7:23.72 VALERIE LYONS	62	1:46.72 DIANE STOWELL	63		
4:10.71 ELIZABETH JOHNSON	58	7:23.74 CAROL LOWENGRUB	60	1:48.48 JACQUELYN PIPER	60	WOMEN 65-69	
4:13.79 BARBARA ZAREMSKI	59	800 M. FREESTYLE		1:49.10 LAVELLE STOINOFF	64		
4:34.07 INGRID STINE	58	12:01.79 LAVELLE STOINOFF	94	1:49.77 ANNE MCGUIRE	62	50 M. FREESTYLE	
4:47.10 HELEN GEOFFRION	58	12:41.53 DIANE STOWELL	63	1:52.65 BETSY JORDAN	60	34.17 GAIL ROPER	96
200 M. INDIVIDUAL MEDLEY		12:47.33 LAVELLE STOINOFF	64	1:53.64 ANN JOHNSEN	61	34.26 GAIL ROPER	67
3:06.11 JAYNE BRUNER	92	12:50.78 BETSY JORDAN	60	1:54.19 MARGIE HEINEMAN	60	38.96 NANCY MACBETH	68
3:18.07 V.REINIKAINEN	55	13:41.06 JEANNE LITTLE	60	1:54.30 DOROTHY MCGRAW	61	39.61 BARBARA JACKSON	67
3:27.59 JAYNE LAMBKE	57	13:54.07 BARBARA ZAREMSKI	60	200 M. BREASTSTROKE		39.69 LIDA GASCHKE	65
3:29.65 LYNNE LUND	56	14:13.06 RONNIE KAMPHAUSEN	63	3:34.21 JAYNE BRUNER	96	39.80 DIANE REED	66
3:30.41 JOANN LEILICH	58	14:25.08 PATRICIA TULLMAN	60	3:43.06 DIANE STOWELL	62	40.47 KATHIE THEIS	65
3:33.95 MARGIT JEBE	59	14:37.66 DONNA MONROE	63	3:52.44 BEVERLY MYERS	62	40.60 JUDY CHADIMA	67
3:35.19 JUDY MARTIN	55	15:11.06 VALERIE LYONS	62	3:52.99 ANNE MCGUIRE	62	40.85 PATRICIA NIBLETT	65
3:38.27 SUSAN MEYERS	55	15:13.12 SHIRLEY DACEY	60	3:56.40 LAVELLE STOINOFF	64	41.16 LAURINE SCHULER	67
3:43.12 DOROTHY BURKE	57	1500 M. FREESTYLE		3:59.70 BETSY JORDAN	60	42.46 FRANCES HAYWARD	65
3:45.77 SALLY BOLAR	58	22:50.81 LAVELLE STOINOFF	95	4:06.42 BARBARA CALLISON	64	100 M. FREESTYLE	
3:46.64 CEIL BLACKWELL	56	24:20.13 LAVELLE STOINOFF	64	4:09.15 BARBARA ZAREMSKI	60	1:16.84 CLARA WALKER	92
400 M. INDIVIDUAL MEDLEY		24:45.41 DIANE STOWELL	62	4:09.28 JACQUELYN PIPER	60	1:18.57 GAIL ROPER	67
6:42.05 GAIL ROPER	85	25:14.73 BETSY JORDAN	60	4:11.09 SANDRA KREMER	61	1:29.83 LIDA GASCHKE	65



# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

1:30.51 JUDY CHADIMA 67	1:58.37 CINDY BAXTER 65	4:11.37 JOAN ALEXANDER 65	7:37.85 FAY BECK 70
1:32.13 PATRICIA NIBLETT 65	1:58.79 STEFANENA KYSOR 68	4:20.38 NANCY MACBETH 68	7:45.58 DELLA SEHORN 70
1:32.95 NANCY MACBETH 68	200 M. BACKSTROKE	4:28.73 MALCHIA OLSHAN 66	7:50.01 RUTH BAAR 74
1:33.55 DIANE REED 66	3:17.12 DORIS STEADMAN 90	4:33.68 NANCY DURSTEIN 67	7:51.65 ELEANOR WESSNER 71
1:37.45 CAROL FERGUSON 65	3:38.69 BARBARA JACKSON 67	4:34.32 JOAN CAMPBELL 67	8:01.87 FLORENCE CARR 72
1:37.57 JOAN MORRIS 66	3:43.40 NANCY MACBETH 68	4:57.43 JILL COLEMAN 67	800 M. FREESTYLE
1:38.28 JOAN CAMPBELL 67	3:47.66 GAIL ROPER 68	5:11.47 MARIAN WOLLE 69	13:15.45 JUNE KRAUSER 96
1:38.60 LAURINE SCHULER 67	3:54.76 JUDY CHADIMA 67	5:52.71 ANN MARTIN 68	13:25.51 JUNE KRAUSER 71
200 M. FREESTYLE	4:01.52 MARIA YUNGEL 65	200 M. INDIVIDUAL MEDLEY	14:32.25 MARGERY MEYER 74
2:48.51 CLARA WALKER 92	4:05.54 J.GRAVENER 66	3:19.01 CLARA WALKER 91	14:58.67 PETEY SMITH 73
2:59.66 GAIL ROPER 67	4:06.34 JOAN CAMPBELL 67	3:36.42 GAIL ROPER 67	15:34.89 FLORENCE CARR 71
3:21.65 JUDY CHADIMA 67	4:08.65 NANCY DURSTEIN 67	3:43.64 NANCY MACBETH 68	16:02.25 ELEANOR WESSNER 71
3:21.71 LIDA GASCHKE 65	4:11.83 STEFANENA KYSOR 68	3:59.42 CAROL TAYLOR 68	16:14.78 LOIS KIVI NOCHMAN 72
3:27.45 PATRICIA NIBLETT 65	4:13.79 JILL COLEMAN 67	4:02.59 JOAN ALEXANDER 65	16:24.01 GRACE ALTUS 73
3:32.79 MALCHIA OLSHAN 66	50 M. BREASTSTROKE	4:04.04 EDIE GRUENDER 68	17:57.64 CLARA SOTAK 72
3:35.71 EDIE GRUENDER 68	46.07 CLARA WALKER 93	4:05.89 MARIA YUNGEL 65	18:41.07 PEGGY SANBORN 70
3:36.90 JOAN CAMPBELL 67	47.79 CAROL TAYLOR 68	4:08.08 YOSHIKO ITO 65	19:47.22 MARGARET BROU 74
3:37.83 NANCY DURSTEIN 67	48.28 GAIL ROPER 68	4:10.95 J.GRAVENER 66	1500 M. FREESTYLE
3:40.41 JOAN ALEXANDER 65	48.39 SYLVIA EISELE 67	4:12.16 NANCY DURSTEIN 67	25:40.43 CLARA WALKER 96
3:41.63 YOSHIKO ITO 65	52.78 JOAN MORRIS 66	4:16.47 CINDY BAXTER 65	25:25.26 JUNE KRAUSER 71NW
400 M. FREESTYLE	52.91 CAROL FERGUSON 65	400 M. INDIVIDUAL MEDLEY	28:55.95 PETEY SMITH 73
6:05.22 CLARA WALKER 91	54.39 MICKEY SHOCKLEY 67	7:09.69 CLARA WALKER 92	29:53.23 ELEANOR WESSNER 71
6:28.98 GAIL ROPER 68	54.53 JOAN ALEXANDER 65	7:28.85 GAIL ROPER 68	30:20.55 GRACE ALTUS 73
7:05.32 LIDA GASCHKE 65	54.60 LISA BOGATKO 67	7:56.55 NANCY MACBETH 68	30:36.77 LOIS KIVI NOCHMAN 72
7:18.78 CAROL TAYLOR 68	55.99 HANNELORE SNYDER 67	8:09.67 SYLVIA EISELE 67	31:47.54 RUTH MANFREDI 73
7:18.86 MALCHIA OLSHAN 66	56.00 CINDY BAXTER 65	8:41.50 JOAN ALEXANDER 65	35:01.75 CLARA SOTAK 72
7:22.39 PATRICIA NIBLETT 65	100 M. BREASTSTROKE	8:43.02 NANCY DURSTEIN 67	37:06.13 PEGGY SANBORN 70
7:26.18 NANCY DURSTEIN 67	1:42.84 CLARA WALKER 91	8:45.70 EDIE GRUENDER 68	37:20.89 MARGARET BROU 74
7:27.54 MARIA YUNGEL 65	1:44.80 GAIL ROPER 68	8:48.18 YOSHIKO ITO 65	38:02.11 GLADYS OLSEN 71
7:32.28 YOSHIKO ITO 65	1:49.24 SYLVIA EISELE 67	9:00.41 JOAN CAMPBELL 67	50 M. BACKSTROKE
7:33.05 EDIE GRUENDER 68	1:51.11 CAROL TAYLOR 68	9:33.31 MARIAN WOLLE 69	42.29 DORIS STEADMAN 96
7:39.98 JOAN CAMPBELL 67	1:54.12 JOAN MORRIS 66	10:55.00 ANN MARTIN 68	43.67 DORIS STEADMAN 72
800 M. FREESTYLE	1:57.96 JOAN ALEXANDER 65		50.11 JUNE KRAUSER 71
12:27.60 CLARA WALKER 92	1:58.62 CAROL FERGUSON 65	WOMEN 70-74	50.31 MARGERY MEYER 74
13:58.85 GAIL ROPER 68	2:00.23 CINDY BAXTER 65	50 M. FREESTYLE	50.60 REGAN KENNER 73
14:26.52 LIDA GASCHKE 65	2:01.00 LISA BOGATKO 67	36.13 CLARA WALKER 96	50.79 C.WILLIAMS 72
14:53.67 PATRICIA NIBLETT 65	2:02.76 MICKEY SHOCKLEY 67	38.44 JEAN TROY 70	50.79 DELLA SEHORN 70
15:02.37 NANCY DURSTEIN 67	2:06.27 HANNELORE SNYDER 67	39.01 LOUISE HEPNER 71	51.30 M J AMSBARY 72
15:12.33 YOSHIKO ITO 65	200 M. BREASTSTROKE	39.39 FLORENCE CARR 72	52.34 ASAKO MANINGO 71
15:18.91 MALCHIA OLSHAN 66	3:46.00 ANN HIRSCH 96	39.60 MARGERY MEYER 74	53.29 SARAH ALLNUT 73
15:20.68 EDIE GRUENDER 68	3:47.81 GAIL ROPER 68	39.66 BETTY RUSS 70	53.34 LOIS KIVI NOCHMAN 72
15:37.17 JOAN CAMPBELL 67	4:02.86 SYLVIA EISELE 67	39.70 PETEY SMITH 72	100 M. BACKSTROKE
16:21.47 BARBARA OWENS 67	4:11.71 JOAN ALEXANDER 65	40.22 JUNE KRAUSER 71	1:35.11 DORIS STEADMAN 95
16:22.72 CAROL TAYLOR 68	4:21.58 CAROL TAYLOR 68	41.57 DELLA SEHORN 70	1:35.37 DORIS STEADMAN 72
1500 M. FREESTYLE	4:21.84 CAROL FERGUSON 65	41.92 RUTH BAAR 74	1:47.46 REGAN KENNER 73
24:07.05 CLARA WALKER 92	4:27.10 CINDY BAXTER 65	42.99 LOIS KIVI NOCHMAN 72	1:48.82 JUNE KRAUSER 71
26:08.54 GAIL ROPER 68	4:31.87 HANNELORE SNYDER 67	100 M. FREESTYLE	1:50.15 DELLA SEHORN 70
28:03.57 PATRICIA NIBLETT 65	4:32.97 BARBARA OWENS 67	1:21.57 CLARA WALKER 96	1:54.29 C.WILLIAMS 72
28:18.92 MALCHIA OLSHAN 66	4:34.75 JOAN CAMPBELL 67	1:27.89 JEAN TROY 70	1:54.87 M J AMSBARY 72
28:52.26 NANCY DURSTEIN 67	4:47.84 NANCY DURSTEIN 67	1:28.71 JUNE KRAUSER 71	1:55.66 MARGERY MEYER 74
30:45.30 PARKIE COPELAND 68	50 M. BUTTERFLY	1:30.27 PETEY SMITH 73	1:56.41 ASAKO MANINGO 71
30:56.22 BARBARA OWENS 67	39.18 GAIL ROPER 96	1:31.48 MARGERY MEYER 74	1:58.19 LOIS KIVI NOCHMAN 72
31:47.36 VYSE GRAVENER 65	39.78 GAIL ROPER 67	1:32.03 LOUISE HEPNER 71	1:59.33 SARAH ALLNUT 73
32:00.46 RUTH FARNHAM 67	48.04 JOAN ALEXANDER 65	1:33.39 BETTY RUSS 70	200 M. BACKSTROKE
32:38.30 JODY ANDERSON 65	48.34 CAROL TAYLOR 68	1:33.46 FLORENCE CARR 72	3:28.69 DORIS STEADMAN 95
32:52.70 JILL COLEMAN 66	48.50 EDIE GRUENDER 68	1:38.94 RUTH BAAR 74	3:29.79 DORIS STEADMAN 72
50 M. BACKSTROKE	48.72 NANCY MACBETH 68	1:41.38 MARJORIE STONE 73	3:49.71 JUNE KRAUSER 71
39.85 CLARA WALKER 92	50.50 PARKIE COPELAND 68	1:42.10 C.WILLIAMS 72	3:50.83 REGAN KENNER 73
44.69 GAIL ROPER 68	52.81 SYLVIA EISELE 67	200 M. FREESTYLE	3:57.21 FLORENCE CARR 72
46.16 BARBARA JACKSON 67	53.64 MICKEY SHOCKLEY 67	3:04.56 CLARA WALKER 96	3:57.38 DELLA SEHORN 70
47.33 NANCY MACBETH 68	57.19 JILL COLEMAN 67	3:06.98 JUNE KRAUSER 71	4:09.01 LOIS KIVI NOCHMAN 72
48.45 JUDY CHADIMA 67	57.57 FRANCES HAYWARD 65	3:13.80 JEAN TROY 70	4:12.65 PATSY WEISS 74
48.45 JUDY CHADIMA 67	100 M. BUTTERFLY	3:19.07 MARGERY MEYER 74	4:14.55 MARGERY MEYER 74
51.45 MARIA YUNGEL 65	1:36.68 GAIL ROPER 96	3:20.65 PETEY SMITH 73	4:15.44 M J AMSBARY 72
51.47 JOAN MORRIS 66	1:40.14 GAIL ROPER 67	3:28.94 LOUISE HEPNER 71	4:19.58 PEGGY SANBORN 70
52.69 LAURA HINDERAKER 68	1:54.11 CAROL TAYLOR 68	3:30.28 FLORENCE CARR 72	50 M. BREASTSTROKE
53.05 LAURINE SCHULER 67	1:54.19 NANCY MACBETH 68	3:30.91 BETTY RUSS 70	50.08 BETTY CHRISTIAN 92
53.34 JACQUELINE DUNLOP 66	1:55.11 JOAN ALEXANDER 65	3:37.06 DELLA SEHORN 70	52.14 M J AMSBARY 72
54.17 KATHIE THEIS 65	1:56.40 SYLVIA EISELE 67	3:40.68 ELEANOR WESSNER 71	53.15 ALICIA COLEMAN 71
100 M. BACKSTROKE	2:01.48 EDIE GRUENDER 68	3:40.80 FAY BECK 70	53.48 REGAN KENNER 73
1:30.97 CLARA WALKER 91	2:05.15 MALCHIA OLSHAN 66	400 M. FREESTYLE	53.57 JUNE KRAUSER 71
1:41.60 BARBARA JACKSON 67	2:10.08 JILL COLEMAN 67	6:33.15 CLARA WALKER 96	57.21 LOIS NOCHMAN 72
1:44.81 NANCY MACBETH 68	2:11.35 JOAN CAMPBELL 67	6:34.05 JUNE KRAUSER 71	57.83 FLORENCE CARR 71
1:45.24 GAIL ROPER 68	2:12.27 BARBARA OWENS 67	6:57.47 JEAN TROY 70	58.55 JAE HOWELL 74
1:45.44 JUDY CHADIMA 67	200 M. BUTTERFLY	7:16.70 PETEY SMITH 73	59.25 JEAN TROY 70
1:52.16 MARIA YUNGEL 65	3:36.25 JUNE KRAUSER 94	7:18.50 MARGERY MEYER 74	59.53 MARJORIE STONE 73
1:53.54 EDIE GRUENDER 68	3:51.81 GAIL ROPER 68	7:27.72 BETTY RUSS 70	59.74 ELSA DE LEEUW 73
1:55.84 J.GRAVENER 66	4:07.93 SYLVIA EISELE 67		100 M. BREASTSTROKE
1:57.46 JACQUELINE DUNLOP 66			

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1:52.88 BETTY CHRISTIAN 92	9:57.05 RUTH MANFREDI 73	46.98 BUNNY CEDERLUND 75	1:11.63 WINNIE WALTER 76
1:54.73 JUNE KRAUSER 71	10:28.44 JOAN GLARATON 70	53.20 BETTY CHRISTIAN 75	1:13.53 LIBBY POOLE 75
1:59.26 M J AMSBARY 72	10:30.99 BETTY DUNN 72	53.54 ELISE STEVENS 75	• 100 M. BUTTERFLY
2:00.45 REGAN KENNER 73	10:33.25 GLORIA MARIENTHAL 72	57.03 DOROTHY DONNELLY 75	2:19.44 KAY SCHIMPF 92
2:03.93 LOUISE HEPNER 71	10:34.29 GLADYS OLSEN 71	57.61 DIANA SILVA 75	2:21.85 JUNE REYNOLDS 75
2:07.68 LOIS KIVI NOCHMAN 72		58.08 JEAN ZULICH 77	2:37.07 DIANA SILVA 75
2:11.83 SUZANNE GRAHAM 70	<u>WOMEN 75-79</u>	58.19 NANCY PHILLIPS 76	2:41.26 MARY WIXTED 76
2:13.20 MARJORIE STONE 73		59.25 BARDI DENDY 76	2:46.89 WINNIE WALTER 76
2:14.38 JAE HOWELL 74	• 50 M. FREESTYLE	59.66 RITA EVANS 77	2:50.58 JEAN ZULICH 77
2:15.76 PATSY WEISS 74	41.78 BETTY CHRISTIAN 97	1:00.11 MARY STADIG 75	2:52.08 H. HUGGINS 75
2:17.40 ESTELLE SHUER 70	41.78 BETTY CHRISTIAN 75	• 100 M. BACKSTROKE	3:04.97 EDITH GLUSAC 78
• 200 M. BREASTSTROKE	43.39 DOROTHY DONNELLY 75	1:46.70 BUNNY CEDERLUND 97	3:15.60 DOROTHY KIMMEL 76
4:04.39 JUNE KRAUSER 96	45.56 BUNNY CEDERLUND 75	1:46.70 BUNNY CEDERLUND 75	3:25.79 ZADA TAFT 78
4:06.79 JUNE KRAUSER 71	45.96 ELISE STEVENS 75	2:00.94 ELISE STEVENS 75	3:44.25 ELFIE STEVENIN 75
4:22.72 REGAN KENNER 73	46.04 MARY STADIG 75	2:04.89 RITA EVANS 77	• 200 M. BUTTERFLY
4:32.80 SUZANNE GRAHAM 70	46.60 B.ANN BURRILL 76	2:06.71 DIANA SILVA 75	4:54.79 MAXINE MERLINO 88
4:32.81 M.J. AMSBARY 72	46.95 DIANA SILVA 75	2:08.88 NANCY PHILLIPS 76	5:16.46 JUNE REYNOLDS 75
4:39.43 PATSY WEISS 74	48.36 BARDI DENDY 76	2:16.85 JEAN ZULICH 77	5:16.84 DIANA SILVA 75
4:43.90 LOIS NOCHMAN 72	48.40 RITA SIMONTON 79	2:17.11 MARY STADIG 75	5:59.04 H. HUGGINS 75
4:57.36 GLADYS OLSEN 71	50.08 RITA EVANS 77	2:20.56 BARDI DENDY 76	7:33.19 ZADA TAFT 78
5:00.24 JAE HOWELL 74	• 100 M. FREESTYLE	2:21.39 GERTRUD ZINT 79	7:59.48 ELFIE STEVENIN 75
5:05.86 JOAN GLARATON 70	1:38.28 LOUISE DONOVAN 93	2:21.53 JUNE REYNOLDS 75	10:04.90 MARION CHADWICK 75
5:29.63 MARGERY MEYER 74	1:41.65 DOROTHY DONNELLY 75	• 200 M. BACKSTROKE	• 200 M. INDIVIDUAL MEDLEY
• 50 M. BUTTERFLY	1:43.35 ELISE STEVENS 75	4:00.78 BUNNY CEDERLUND 97	4:25.80 MAXINE MERLINO 87
44.11 JUNE KRAUSER 97	1:44.64 RITA SIMONTON 79	4:00.78 BUNNY CEDERLUND 75	4:42.69 DIANA SILVA 75
44.11 JUNE KRAUSER 71	1:48.22 B.ANN BURRILL 76	4:15.22 DIANA SILVA 75	4:50.89 JUNE REYNOLDS 75
47.12 LOIS KIVI NOCHMAN 72	1:49.94 MARY STADIG 75	4:16.07 ELISE STEVENS 75	5:00.80 NANCY PHILLIPS 76
49.56 JEAN TROY 70	1:50.67 BUNNY CEDERLUND 75	4:35.70 NANCY PHILLIPS 76	5:04.57 MARY WIXTED 76
49.65 FLORENCE CARR 72	1:51.19 DIANA SILVA 75	4:57.77 DOROTHY DONNELLY 75	5:11.20 CLARE SAWHILL 76
59.33 ALICIA COLEMAN 71	1:57.39 PAULINE STANGEL 75	4:58.11 AGNES ZYDINSKY 75	5:11.23 H. HUGGINS 75
59.65 BETTY DUNN 72	2:02.08 BETTY KENDALL 77	4:59.83 BARDI DENDY 76	5:15.19 GERTRUD ZINT 79
59.77 SARAH ALLNUT 73	2:02.81 RITA EVANS 77	5:03.05 MAURINE KORNFELD 75	5:22.76 AGOTA FROHS 77
1:00.15 C.WILLIAMS 72	• 200 M. FREESTYLE	5:09.52 JUNE REYNOLDS 75	5:25.20 JO LACY 79
1:02.91 GRACE ALTUS 73	3:37.64 RITA SIMONTON 93	5:11.20 CLARE SAWHILL 76	5:28.69 IRENE SANDAHL 76
1:03.20 JAE HOWELL 74	3:44.50 BETTY CHRISTIAN 75	• 50 M. BREASTSTROKE	• 400 M. INDIVIDUAL MEDLEY
• 100 M. BUTTERFLY	3:50.63 RITA SIMONTON 79	54.48 BETTY CHRISTIAN 97	9:11.23 MAXINE MERLINO 87
1:40.85 JUNE KRAUSER 96	3:51.58 DOROTHY DONNELLY 75	54.48 BETTY CHRISTIAN 75	10:43.53 JUNE REYNOLDS 75
1:44.98 JUNE KRAUSER 71	3:53.60 ELISE STEVENS 75	1:02.00 GERTRUD ZINT 79	10:58.77 H. HUGGINS 75
1:57.65 LOIS NOCHMAN 72	3:59.12 DIANA SILVA 75	1:04.41 RITA SIMONTON 79	11:49.82 AGOTA FROHS 77
1:58.75 BETTY RUSS 70	4:02.88 B.ANN BURRILL 76	1:06.36 EDITH GLUSAC 78	13:01.58 EDITH GLUSAC 78
1:59.41 JEAN TROY 70	4:03.71 MARY STADIG 75	1:06.74 JUNE REYNOLDS 75	13:57.83 ZADA TAFT 78
2:24.51 JAE HOWELL 74	4:06.11 BUNNY CEDERLUND 75	1:07.69 BARDI DENDY 76	15:02.63 ELFIE STEVENIN 75
2:25.48 SARAH ALLNUT 73	4:14.08 NANCY PHILLIPS 76	1:08.07 KAY SCHIMPF 79	
2:27.06 BETTY DUNN 72	4:17.81 AGNES ZYDINSKY 75	1:09.53 LENORE GROSS 75	<u>WOMEN 80-84</u>
2:29.06 MARGERY MEYER 74	• 400 M. FREESTYLE	1:09.54 IRENE SANDAHL 75	• 50 M. FREESTYLE
2:29.95 MARGARET WELLS 71	7:38.77 RITA SIMONTON 93	1:10.78 LIBBY POOLE 75	46.63 AUDREY ETIENNE 97
2:35.97 GLADYS OLSEN 71	8:12.83 RITA SIMONTON 79	• 100 M. BREASTSTROKE	46.89 MARJORIE SHARPE 80
• 200 M. BUTTERFLY	8:25.06 DIANA SILVA 75	2:04.89 BETTY CHRISTIAN 97	49.46 ANNE WALKER 81
3:39.91 JUNE KRAUSER 96	8:32.66 B.ANN BURRILL 76	2:04.89 BETTY CHRISTIAN 75	50.20 MARGARET NAGLE 80
3:50.99 JUNE KRAUSER 71	8:34.31 BUNNY CEDERLUND 75	2:22.11 GERTRUD ZINT 79	51.96 CAROL GALBRAITH 82
4:18.86 LOIS NOCHMAN 72	8:36.38 MARY STADIG 75	2:23.34 RITA SIMONTON 79	55.08 MARIE WICKLUN 83
4:19.07 JEAN TROY 70	8:37.13 DOROTHY DONNELLY 75	2:26.99 JUNE REYNOLDS 75	55.55 SALLY JOY 80
5:10.58 JAE HOWELL 74	9:02.63 MAURINE KORNFELD 75	2:29.45 AGOTA FROHS 77	1:01.54 IVE BROWNE 82
5:28.38 BETTY DUNN 72	9:11.44 AGNES ZYDINSKY 75	2:32.05 EDITH GLUSAC 78	1:02.55 JEAN DURSTON 83
5:35.57 JOAN GLARATON 70	10:13.12 GERTRUD ZINT 79	2:35.79 MARY WIXTED 76	1:02.64 LOIS THOMPSON 80
5:50.13 RUTH MANFREDI 73	10:16.47 WINNIE WALTER 76	2:38.30 POLLY HERZER 75	• 100 M. FREESTYLE
6:16.95 MARGERY MEYER 74	• 800 M. FREESTYLE	2:39.63 LENORE GROSS 75	1:43.45 MARJORIE SHARPE 97
6:44.91 GLORIA STUFFEL 71	15:41.45 RITA SIMONTON 93	2:41.77 IRENE SANDAHL 76	1:43.45 MARJORIE SHARPE 80
6:51.60 MARJORIE NEWMAN 73	16:58.60 RITA SIMONTON 79	• 200 M. BREASTSTROKE	1:52.73 AUDREY ETIENNE 80
• 200 M. INDIVIDUAL MEDLEY	17:24.13 BUNNY CEDERLUND 75	4:29.87 BETTY CHRISTIAN 97	1:55.39 CAROL GALBRAITH 82
3:35.13 JUNE KRAUSER 96	19:00.17 KAY SCHIMPF 79	4:29.87 BETTY CHRISTIAN 75	2:00.80 MARGARET NAGLE 80
3:39.78 JUNE KRAUSER 71	19:27.91 B.BURRILL 76	5:01.57 RITA SIMONTON 79	2:02.37 ANNE WALKER 81
3:57.74 JEAN TROY 70	20:18.90 AGOTA FROHS 77	5:13.45 JUNE REYNOLDS 75	2:03.81 MARIE WICKLUN 83
4:03.39 DELLA SEHORN 70	22:07.52 MARION CHADWICK 75	5:33.33 GERTRUD ZINT 79	2:09.55 KAY SCHIMPF 80
4:15.47 LOIS NOCHMAN 72	24:44.46 ZADA TAFT 77	5:38.95 EDITH GLUSAC 78	2:11.64 JEAN DURSTON 83
4:31.60 ESTELLE SHUER 70	25:57.53 ANNELIESE ZOELLER 79	5:59.22 IRENE SANDAHL 76	2:15.87 IVE BROWNE 82
4:36.15 ALICIA COLEMAN 71	26:05.03 RACHEL ERWIN 77	6:07.50 ANNELIESE ZOELLER 79	2:18.74 LOIS THOMPSON 80
4:39.14 RUTH MANFREDI 73	26:13.82 ELFIE STEVENIN 75	10:00.42 ROSE STEWARD 79	• 200 M. FREESTYLE
4:40.77 C.WILLIAMS 72	• 1500 M. FREESTYLE	• 50 M. BUTTERFLY	3:48.50 MARJORIE SHARPE 97
4:43.82 ELSA DE LEEUW 73	29:45.90 RITA SIMONTON 93	55.38 GERTRUD ZINT 93	3:48.50 MARJORIE SHARPE 80
4:45.47 FLORENCE CARR 72	30:33.56 BUNNY CEDERLUND 75	1:01.16 DIANA SILVA 75	4:17.51 CAROL GALBRAITH 82
• 400 M. INDIVIDUAL MEDLEY	32:22.40 RITA SIMONTON 79	1:03.44 JUNE REYNOLDS 75	4:26.47 MARIA LENK ZIGLER 82
7:30.91 JUNE KRAUSER 96	38:12.70 GERTRUD ZINT 79	1:04.83 DOROTHY DONNELLY 75	4:34.47 KAY SCHIMPF 80
7:41.23 JUNE KRAUSER 71	38:38.94 JANE ROSSELL 75	1:08.52 JEAN ZULICH 77	4:36.28 ANNE WALKER 81
8:37.59 JEAN TROY 70	41:41.61 ZADA TAFT 78	1:10.00 KAY SCHIMPF 79	4:38.75 JEAN DURSTON 83
8:42.20 LOIS NOCHMAN 72	56:40.00 ROSE STEWARD 79	1:10.32 GERTRUD ZINT 79	4:41.02 MARGARET NAGLE 80
9:44.70 MARGERY MEYER 74	• 50 M. BACKSTROKE	1:11.59 IRENE SANDAHL 76	
9:50.86 JAE HOWELL 74	46.98 BUNNY CEDERLUND 97		

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

5:03.77 IVE BROWNE 82	1:57.50 BETH HANKS 81	400 M. FREESTYLE	5:21.55 AILEEN SOULE 96
5:47.42 AGNES ROMAYKO 83	2:55.67 ELZENA JOHNSON 82	9:52.14 MAXINE MERLINO 97	NO SWIMMERS
5:50.97 LOIS ELLERT 82	100 M. BREASTSTROKE	9:52.14 MAXINE MERLINO 85	400 M. FREESTYLE
400 M. FREESTYLE	2:22.79 MAXINE MERLINO 92	13:25.85 ELLEN TAIT 86	11:45.66 AILEEN SOULE 97
7:56.31 MARJORIE SHARPE 97	2:30.89 MARIA LENK ZIGLER 82	800 M. FREESTYLE	11:45.66 AILEEN SOULE 91
7:56.31 MARJORIE SHARPE 80	2:33.91 KAY SCHIMPF 80	20:11.43 MAXINE MERLINO 97	800 M. FREESTYLE
8:47.80 CAROL GALBRAITH 82	2:39.77 SALLY JOY 80	20:11.43 MAXINE MERLINO 85	30:55.09 ANNA BAUSCHER 94
9:08.29 MARIA LENK ZIGLER 82	3:13.34 HILDA BUEL 83	1500 M. FREESTYLE	NO SWIMMERS
9:08.98 JEAN DURSTON 83	3:13.73 LOUISE WALKER 82	38:20.39 MAXINE MERLINO 97	50 M. BACKSTROKE
9:53.17 ANNE WALKER 81	4:09.93 BETH HANKS 81	38:20.39 MAXINE MERLINO 85	1:03.49 AILEEN SOULE 96
9:58.64 MARIE WICKLUN 83	4:51.85 BETTY TAYLOR 81	50 M. BACKSTROKE	1:05.10 AILEEN SOULE 91
10:09.50 MARGARET NAGLE 80	200 M. BREASTSTROKE	58.42 AILEEN SOULE 91	100 M. BACKSTROKE
11:19.54 IVY BROWNE 82	5:07.83 MAXINE MERLINO 92	1:12.64 JULIA DOLCE 87	2:23.23 AILEEN SOULE 96
12:03.10 MARY LATHRAM 81	5:22.07 MARIA LENK ZIGLER 82	1:19.54 EDITH HENDRY 86	NO SWIMMERS
12:05.97 MARTHA FORSTER 80	5:46.76 KAY SCHIMPF 80	1:31.31 MADELEINE MILLER 86	200 M. BACKSTROKE
800 M. FREESTYLE	5:52.93 SALLY JOY 80	1:46.12 SALLY RYCKMAN 85	5:29.07 AILEEN SOULE 97
16:39.04 MARJORIE SHARPE 97	5:54.13 JEAN DURSTON 83	1:47.04 ELIZABETH DZIADUS 86	5:29.07 AILEEN SOULE 91
16:39.04 MARJORIE SHARPE 80	7:03.36 HILDA BUEL 83	1:47.29 MARGOT LENIG 85	50 M. BUTTERFLY
18:19.19 KAY SCHIMPF 80	8:18.19 ANNE WILDER 83	1:55.17 HEDY PULLMAN 86	4:57.25 ANNA BAUSCHER 94
18:46.87 JEAN DURSTON 83	50 M. BUTTERFLY	2:18.91 GRACE HIDDLESON 88	NO SWIMMERS
18:52.65 MARIA LENK ZIGLER 82	1:03.66 MARIA LENK ZIGLER 95	100 M. BACKSTROKE	200 M. INDIVIDUAL MEDLEY
20:23.89 ANNE WALKER 81	1:07.84 KAY SCHIMPF 80	2:13.13 AILEEN SOULE 91	12:10.93 ANNA BAUSCHER 94
24:10.53 MARY LATHRAM 82	1:07.91 MARIA LENK ZIGLER 82	2:29.64 MAXINE MERLINO 85	NO SWIMMERS
25:17.66 AGNES ROMAYKO 83	1:12.44 JEAN DURSTON 83	2:41.54 JULIA DOLCE 87	
1500 M. FREESTYLE	1:38.09 ROBERTA SUGDEN 80	2:53.50 EDITH HENDRY 86	
32:09.15 MARJORIE SHARPE 97	1:53.46 BUZ CATLIN 82	3:30.84 HEDY PULLMAN 86	
32:09.15 MARJORIE SHARPE 80	100 M. BUTTERFLY	3:39.26 MARGOT LENIG 85	
35:48.16 JEAN DURSTON 83	2:27.91 JEAN DURSTON 94	3:53.88 SALLY RYCKMAN 85	
35:56.88 MARIA LENK ZIGLER 82	2:40.19 JEAN DURSTON 83	200 M. BACKSTROKE	
37:02.65 KAY SCHIMPF 80	2:48.73 KAY SCHIMPF 80	4:47.82 AILEEN SOULE 91	
39:56.84 MARY JANE REEVES 80	3:46.70 ANNE WILDER 83	5:43.56 JULIA DOLCE 87	
46:14.18 MARY LATHRAM 82	200 M. BUTTERFLY	6:16.16 EDITH HENDRY 86	
52:15.69 MARTHA FORSTER 80	5:24.52 JEAN DURSTON 94	6:52.68 MADELEINE MILLER 86	
50 M. BACKSTROKE	5:43.21 JEAN DURSTON 83	10:29.29 GERALDINE TURNER 85	
53.84 MARJORIE SHARPE 97	6:38.90 KAY SCHIMPF 80	50 M. BREASTSTROKE	
53.84 MARJORIE SHARPE 80	8:25.39 ANNE WILDER 83	1:09.85 MARTI GOGNIAT 96	
57.42 ANNE WALKER 81	200 M. INDIVIDUAL MEDLEY	1:33.87 MADELEINE MILLER 86	
1:01.56 MARIE WICKLUN 83	4:41.09 MARIA LENK ZIGLER 95	2:14.23 HEDY PULLMAN 86	
1:01.90 CAROL GALBRAITH 82	5:07.81 JEAN DURSTON 83	2:15.44 MARGOT LENIG 85	
1:02.83 AUDREY ETIENNE 80	5:20.78 KAY SCHIMPF 80	2:32.59 GRACE HIDDLESON 88	
1:06.34 MARY LATHRAM 82	7:10.34 ROBERTA SUGDEN 80	100 M. BREASTSTROKE	
1:08.58 SALLY JOY 80	7:14.56 ANNE WILDER 83	2:39.02 MARTI GOGNIAT 96	
1:09.29 MARGARET NAGLE 80	7:16.38 BUZ CATLIN 82	2:44.68 MARTI GOGNIAT 86	
1:11.12 IVE BROWNE 82	8:34.20 HOPE BROWNING 81	3:55.95 MADELEINE MILLER 86	
1:11.94 KAY SCHIMPF 80	400 M. INDIVIDUAL MEDLEY	4:22.02 HEDY PULLMAN 86	
100 M. BACKSTROKE	10:05.13 MAXINE MERLINO 92	5:04.90 MARGOT LENIG 85	
2:02.15 MARJORIE SHARPE 97	10:38.04 JEAN DURSTON 83	5:55.88 GRACE HIDDLESON 88	
2:02.15 MARJORIE SHARPE 80	11:22.65 KAY SCHIMPF 80	200 M. BREASTSTROKE	
2:05.91 ANNE WALKER 81		6:08.30 MAXINE MERLINO 97	
2:16.03 MARIE WICKLUN 83	<u>WOMEN 85-89</u>	6:08.30 MAXINE MERLINO 85	
2:19.77 AUDREY ETIENNE 80	50 M. FREESTYLE	8:27.50 MADELEINE MILLER 86	
2:23.29 MARY LATHRAM 82	50.93 JULIA DOLCE 94	50 M. BUTTERFLY	
2:31.65 SALLY JOY 80	54.13 JULIA DOLCE 87	1:13.84 MAXINE MERLINO 97	
2:44.37 IVE BROWNE 82	1:09.00 EDITH HENDRY 86	1:13.84 MAXINE MERLINO 85	
2:52.01 BETH HANKS 81	1:14.82 ELLEN TAIT 86	3:23.61 GERALDINE TURNER 85	
3:14.93 FLORENCE GAUGHAN 81	1:15.86 MADELEINE MILLER 86	100 M. BUTTERFLY	
3:25.58 BUZ CATLIN 82	1:28.76 MARGOT LENIG 85	2:59.55 MAXINE MERLINO 97	
200 M. BACKSTROKE	1:36.26 SALLY RYCKMAN 85	2:59.55 MAXINE MERLINO 85	
4:30.48 MARJORIE SHARPE 97	1:36.26 SALLY RYCKMAN 85	200 M. BUTTERFLY	
4:30.48 MARJORIE SHARPE 80	2:01.63 ELIZABETH DZIADUS 86	7:18.41 KATHERINE PELTON 90	
4:44.84 MARIE WICKLUN 83	2:37.22 GRACE HIDDLESON 88	NO SWIMMERS	
4:47.68 ANNE WALKER 81	100 M. FREESTYLE	200 M. INDIVIDUAL MEDLEY	
4:59.48 LOUISE WALKER 82	2:00.68 JULIA DOLCE 95	5:27.56 MAXINE MERLINO 97	
5:12.07 SALLY JOY 80	1:59.18 MAXINE MERLINO 85NV	5:27.56 MAXINE MERLINO 85	
5:21.58 MARY LATHRAM 82	2:09.55 JULIA DOLCE 87	12:23.69 GERALDINE TURNER 85	
5:40.18 IVE BROWNE 82	2:42.20 ELLEN TAIT 86	400 M. INDIVIDUAL MEDLEY	
5:55.07 LOIS ELLERT 82	2:54.59 EDITH HENDRY 86	11:21.06 MAXINE MERLINO 97	
7:04.06 FLORENCE GAUGHAN 81	2:59.29 MADELEINE MILLER 86	11:21.06 MAXINE MERLINO 85	
8:22.43 BETTY TAYLOR 81	3:21.34 SALLY RYCKMAN 85		
50 M. BREASTSTROKE	3:46.55 HEDY PULLMAN 86	<u>WOMEN 90-94</u>	
1:05.10 MAXINE MERLINO 92	200 M. FREESTYLE	50 M. FREESTYLE	
1:07.08 SALLY JOY 80	4:44.30 MAXINE MERLINO 97	55.76 AILEEN SOULE 96	
1:09.04 KAY SCHIMPF 80	4:44.30 MAXINE MERLINO 85	58.44 AILEEN SOULE 91	
1:12.64 MARGARET NAGLE 80	5:06.80 JULIA DOLCE 87	100 M. FREESTYLE	
1:21.73 HILDA BUEL 83	6:01.98 ELLEN TAIT 86	2:19.62 AILEEN SOULE 96	
1:31.78 LOUISE WALKER 82	6:19.44 EDITH HENDRY 86	2:30.76 AILEEN SOULE 91	
1:36.93 ANNE WILDER 83	7:13.54 SALLY RYCKMAN 85	200 M. FREESTYLE	
1:42.95 ROBERTA SUGDEN 80	8:22.90 MARGOT LENIG 85		
			5:21.55 AILEEN SOULE 96
			NO SWIMMERS
			400 M. FREESTYLE
			11:45.66 AILEEN SOULE 97
			11:45.66 AILEEN SOULE 91
			800 M. FREESTYLE
			30:55.09 ANNA BAUSCHER 94
			NO SWIMMERS
			50 M. BACKSTROKE
			1:03.49 AILEEN SOULE 96
			1:05.10 AILEEN SOULE 91
			100 M. BACKSTROKE
			2:23.23 AILEEN SOULE 96
			NO SWIMMERS
			200 M. BACKSTROKE
			5:29.07 AILEEN SOULE 97
			5:29.07 AILEEN SOULE 91
			50 M. BUTTERFLY
			4:57.25 ANNA BAUSCHER 94
			NO SWIMMERS
			200 M. INDIVIDUAL MEDLEY
			12:10.93 ANNA BAUSCHER 94
			NO SWIMMERS
		<u>MEN 19-24</u>	
			50 M. FREESTYLE
			24.03 DAVID LAWSON 95
			24.54 ANDREW EATON 24
			24.77 LEE WANIE 23
			24.88 JASON HANSEN 24
			25.10 J.ARMSTRONG 22
			25.10 ROBERT BUTCHER 24
			25.60 C.SCHARVER 20
			25.73 OSIRIS BRISENO 21
			25.83 MICHAEL HARO 21
			25.87 BROCK GREYER 24
			26.22 NICK MINA 24
			100 M. FREESTYLE
			52.88 DAVID LAWSON 95
			54.22 ANDREW EATON 24
			55.68 LEE WANIE 23
			55.83 JASON HANSEN 24
			57.20 MICHAEL MELLEY 22
			58.05 CASEY BRANDT 23
			58.80 NICK MINA 24
			58.90 DAVID MADDUX 21
			58.94 PETER HURSTY 24
			59.66 CHAD RIEGLE 22
			1:00.02 TODD SCHERM 24
			200 M. FREESTYLE
			1:56.99 TONY BATIS 89
			1:57.92 JOE TRISTAN 22
			2:00.02 PETER HURSTY 24
			2:00.34 MICHAEL HARO 21
			2:00.70 MICHAEL MELLEY 22
			2:02.68 ANDREW EATON 24
			2:02.73 J.ARMSTRONG 22
			2:10.61 DEAN ZRUCKY 24
			2:11.09 NICK MINA 24
			2:13.08 JOHN WHITE 19
			2:13.25 TODD RADEL 24
			400 M. FREESTYLE
			4:08.73 BRAD WINSOR 95
			4:13.72 MICHAEL HARO 21
			4:19.54 PETER HURSTY 24
			4:26.54 MICHAEL MELLEY 22
			4:39.82 J.ARMSTRONG 21
			4:40.04 DEAN ZRUCKY 24
			4:45.45 TODD RADEL 24
			4:54.72 CASEY BRANDT 23
			4:56.57 STEPHAN JOE 22
			4:58.18 MATTHEW BOLES 24
			5:05.23 DEREK MCCLAIN 23
			800 M. FREESTYLE
			8:47.65 BRAD WINSOR 95
			9:18.53 MICHAEL MELLEY 22
			9:21.90 J.ARMSTRONG 21

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

9:32.92 DEAN ZRUCKY	24	2:29.18 TODD RADEL	96	25.49 ROBERT FOX	29	1:04.44 SCOTT TRIPPS	27
9:55.46 ADLAR SU	20	2:29.34 TODD RADEL	24	25.61 NEILL WILLIAMS	29	1:05.31 KEVIN KOSKELLA	26
10:09.20 TODD RADEL	24	2:41.88 J.ARMSTRONG	21	100 M. FREESTYLE		1:05.68 HORST NIEHAUS	28
10:18.38 JOHN WHITE	19	2:44.86 C.SCHARVER	20	51.25 JIM MONTGOMERY	81	1:07.41 C.BENEDICK	26
10:25.00 SUNIL SINGHAL	24	2:47.93 TODD SCHERM	24	54.64 GREG LARSON	27	1:07.89 GREGORY MACKEM	29
10:42.91 CLINTON FISHER	23	2:51.55 CLINTON FISHER	23	54.81 ROBERT KABACY	28	1:08.59 BRIAN KOHLMEIER	28
11:27.47 JOHN ARGRAVES	23	2:54.32 STEPHAN JOE	22	55.03 STUART BARTON	29	1:09.31 BRAD SCHMIED	25
11:47.00 M. KRAEUTER	21	2:56.89 JASON CARR	22	55.28 LORENZO BENUCCI	29	1:11.07 BOB MURPHY	28
1500 M. FREESTYLE		2:58.09 ALAN LIU	24	55.62 PAUL MCQUAID	26	200 M. BACKSTROKE	
17:12.51 JAMES ALLEN	91	3:07.17 ARI STRAUSS	22	55.67 MARCEL RINZLER	26	2:07.57 JOHN KEPPELER	92
18:12.15 DEAN ZRUCKY	24	50 M. BUTTERFLY		56.05 ED OWEN	26	2:18.36 MARCEL RINZLER	26
19:01.16 TODD RADEL	24	25.71 DAVID LAWSON	95	56.09 ERIC TARBELL	25	2:19.34 BRAD HOFFMAN	25
19:29.01 ADLAR SU	20	26.11 JASON HANSEN	24	56.38 ANDREW FARRELL	26	2:20.11 JEFF UTSCH	29
20:38.32 MATTHEW BOLES	24	27.42 J.ARMSTRONG	22	56.90 JOE AUER	29	2:20.79 ROBERT BERRY	29
21:00.85 JOHN WHITE	19	27.65 ERIC PROKOPI	23	200 M. FREESTYLE		2:31.27 BRIAN KOHLMEIER	28
21:46.25 CLINT FISHER	23	28.19 ROBERT PIPKINS	24	1:51.00 JOHN KEPPELER	96	2:32.92 CLIFFORD SHAW	26
22:00.40 ADAM ZUCCO	22	28.59 DAVID MADDUX	21	2:00.42 ALEX KOSTICH	27	2:34.16 SCOTT TRIPPS	27
22:24.69 JOHN ARGRAVES	23	28.90 JOHN DIEHL	20	2:01.77 JEFF UTSCH	29	2:34.68 JOE AUER	29
24:57.01 REED ARNOS	23	29.01 TODD RADEL	24	2:04.22 STUART BARTON	29	2:35.05 NEILL WILLIAMS	29
50 M. BACKSTROKE		29.06 PAUL WIDMAN	24	2:07.40 KEVIN KOSKELLA	26	2:36.98 BRAD SCHMIED	25
27.43 DAVID LAWSON	95	29.38 BROCK GREYER	24	2:07.93 ERNIE HOFTYZER	27	50 M. BREASTSTROKE	
29.14 LEE WANIE	23	29.55 NICK MINA	24	2:08.19 ANDREW FARRELL	26	28.98 SETH VAN NEERDEN	97
30.75 ERIC PROKOPI	23	100 M. BUTTERFLY		2:08.91 ED OWEN	26	28.98 SETH VAN NEERDEN	29
31.22 JUSTIN SHARER	23	57.10 BRAD BUDNEY	95	2:09.52 BRAD HOFFMAN	25	29.37 ROBERT BUTCHER	25
31.29 JASON CARR	22	59.99 J.ARMSTRONG	22	2:10.01 SEAN WEST	28	30.72 MARK SMITH	27
31.48 M.HANNESSCHLAGER	22	1:01.01 JASON HANSEN	24	2:11.01 BRENT BLACKMAN	26	31.08 JON CLEVELAND	26
31.58 MATT ADAMS	23	1:02.44 TODD RADEL	24	400 M. FREESTYLE		31.61 GREG LARSON	27
33.85 JOHN DIEHL	20	1:03.40 PETER HURSTY	24	4:03.63 ALEX KOSTICH	97	31.94 JACK THOMAS	25
34.15 MARK MAYHEW	23	1:04.33 OSIRIS BRISENO	21	4:03.63 ALEX KOSTICH	27	32.23 ERIC TARBELL	25
34.28 ANDREW SMITH	22	1:04.76 CASEY BRANDT	23	4:21.84 JEFF UTSCH	29	32.27 NEILL WILLIAMS	29
35.77 RYAN MELSON	20	1:07.76 ERIC PROKOPI	22	4:26.09 DITMAR PETROV	26	32.46 ROBERT FOX	29
100 M. BACKSTROKE		1:08.36 JOHN DIEHL	20	4:32.78 JACK THOMAS	25	32.69 PAUL MCQUAID	26
1:00.37 DAVID LAWSON	95	1:09.07 MATTHEW BOLES	24	4:37.74 JEFF POPPELL	27	100 M. BREASTSTROKE	
1:02.78 OSIRIS BRISENO	21	1:09.98 RYAN THEIRBACH	23	4:37.81 KEVIN KOSKELLA	26	1:04.60 DAVID LUNDBERG	89
1:02.88 JOE TRISTAN	22	200 M. BUTTERFLY		4:38.05 ERNIE HOFTYZER	27	1:05.76 ROBERT BUTCHER	25
1:03.32 LEE WANIE	23	2:09.39 RY BEVILLE	95	4:40.73 MATTHEW KINNEY	27	1:07.62 ABRAHAM SOLANO	27
1:05.13 ERIC PROKOPI	23	2:11.55 MICHAEL HARO	21	4:46.19 BRANDON CARTER	26	1:10.01 MARK SMITH	27
1:10.57 MATTHEW BOLES	24	2:25.79 J.ARMSTRONG	21	4:48.68 ED OWEN	26	1:10.38 MATTHEW KINNEY	27
1:10.67 CHRIS HORNE	24	2:30.26 TODD RADEL	24	800 M. FREESTYLE		1:12.35 JACK THOMAS	25
1:10.85 MATT ADAMS	23	2:54.55 CLINTON FISHER	23	8:24.67 ALEX KOSTICH	97	1:12.55 ERIC TARBELL	25
1:11.95 ALEX RESS	24	3:30.34 JOHN ARGRAVES	23	8:24.67 ALEX KOSTICH	27	1:13.22 ROBERT FOX	29
1:12.09 RYAN THEIRBACH	23	200 M. INDIVIDUAL MEDLEY		8:53.50 DITMAR PETROV	26	1:13.54 NEILL WILLIAMS	29
1:13.85 CRAIG PETERSEN	19	2:14.08 GREG MACKEM	92	9:41.87 MATTHEW KINNEY	27	1:15.54 GEORGE SALEEBY	26
200 M. BACKSTROKE		2:17.99 TODD RADEL	24	9:53.77 KEN KOPPENHAVER	28	1:15.90 RICHARD DORSEY	28
2:13.60 JOE TRISTAN	97	2:20.56 ERIC PROKOPI	23	9:59.73 STUART BARTON	29	200 M. BREASTSTROKE	
2:13.60 JOE TRISTAN	21	2:21.67 J.ARMSTRONG	21	10:07.32 ED OWEN	26	2:26.32 ABRAHAM SOLANO	96
2:23.71 ERIC PROKOPI	23	2:26.51 CASEY BRANDT	23	10:14.38 SEAN WEST	28	2:26.38 ROBERT BUTCHER	25
2:24.67 J.ARMSTRONG	22	2:28.77 DEAN ZRUCKY	24	10:27.60 STEPHEN GOTH	28	2:27.53 ABRAHAM SOLANO	27
2:32.28 MATTHEW BOLES	24	2:30.28 C.SCHARVER	20	10:32.16 CRAIG VISSER	26	2:34.56 MARK SMITH	27
2:34.91 TODD RADEL	24	2:31.29 DAISUKE MAEHIRA	20	10:41.62 DANIEL FROST	29	2:35.09 MATTHEW KINNEY	27
2:51.60 DAVID KNUTH	24	2:31.80 ADLAR SU	20	1500 M. FREESTYLE		2:40.74 JACK THOMAS	25
2:56.25 DEREK MCCLAIN	23	2:35.34 MATTHEW BOLES	24	16:13.89 ALEX KOSTICH	97	2:47.07 GEORGE SALEEBY	26
3:05.86 CLINTON FISHER	23	2:36.23 TODD SCHERM	24	16:13.89 ALEX KOSTICH	27	2:47.07 ROBERT FOX	29
50 M. BREASTSTROKE		400 M. INDIVIDUAL MEDLEY		18:11.28 DITMAR PETROV	26	2:48.24 BRIAN KOHLMEIER	28
30.10 JOSH AMATO	87	4:48.56 GREG MACKEM	92	18:58.28 GREGORY MACKEM	29	2:48.48 RICHARD DORSEY	28
30.49 TODD RADEL	24	4:53.44 J.ARMSTRONG	22	19:05.54 BRANDON CARTER	26	2:48.86 SEAN WEST	28
32.16 C.SCHARVER	20	4:58.76 TODD RADEL	24	19:08.56 JEFFREY RODDIN	28	50 M. BUTTERFLY	
32.74 EALING JAHN	21	5:02.78 MICHAEL MELLEY	22	19:15.61 ED OWEN	26	25.16 DEFORREST/BOTTOM	84
32.87 DAISUKE MAEHIRA	20	5:23.99 DEAN ZRUCKY	24	19:52.66 KEITH GAST	27	26.27 MARCEL RINZLER	26
33.19 J.ARMSTRONG	21	5:31.68 ERIC PROKOPI	22	20:10.10 CHRIS MOSS	28	26.71 MARK SMITH	27
33.82 TODD SCHERM	24	5:32.04 ALAN LIU	24	20:23.53 STUART BARTON	29	27.18 STUART BARTON	29
34.39 STEPHAN JOE	22	5:36.68 MATTHEW BOLES	24	20:24.09 DANIEL GREENWOOD	27	27.27 NEILL WILLIAMS	29
34.85 JASON CARR	22	5:36.75 CASEY BRANDT	23	50 M. BACKSTROKE		27.40 PAUL MCQUAID	26
35.23 OSIRIS BRISENO	21	5:40.13 CLINTON FISHER	23	27.42 ROBERT HAUCK	93	27.42 JEFFREY RODDIN	28
35.41 DEREK MCCLAIN	23	7:36.69 JOHN ARGRAVES	23	29.09 BRAD HOFFMAN	25	27.43 MICHAEL POWER	29
100 M. BREASTSTROKE				29.63 GREG LARSON	27	27.45 TROY DALBEY	28
1:06.61 JAMES SUROWIEC	88	MEN 25-29		29.64 ROBERT BERRY	29	27.90 ANDREW FARRELL	26
1:07.72 TODD RADEL	24	50 M. FREESTYLE		30.01 MARCEL RINZLER	26	27.96 GREGORY MACKEM	29
1:10.40 ROBERT BUTCHER	24	22.59 KEVIN DEFORREST	83	30.69 C.BENEDICK	26	100 M. BUTTERFLY	
1:11.92 DAISUKE MAEHIRA	20	24.41 ROBERT BUTCHER	25	30.71 HORST NIEHAUS	28	56.34 MICHAEL BOTTOM	84
1:12.06 C.SCHARVER	20	24.63 PAUL MCQUAID	26	31.01 ANDREW FARRELL	26	57.29 KARNEY MCNEAR	27
1:12.31 J.ARMSTRONG	21	24.69 ROBERT KABACY	28	31.02 GREGORY MACKEM	29	1:00.21 MARK SMITH	27
1:14.92 TODD SCHERM	24	25.21 STUART BARTON	29	31.17 BRAD SCHMIED	25	1:00.94 JEFFREY RODDIN	28
1:16.33 JASON CARR	22	25.23 GREG LARSON	27	31.33 ERIC TARBELL	25	1:01.07 STUART BARTON	29
1:18.96 CRAIG ROBERTS	23	25.24 ED OWEN	26	100 M. BACKSTROKE		1:02.33 ALEX KOSTICH	27
1:19.80 ART BAUDO	20	25.47 LORENZO BENUCCI	29	58.24 JOHN KEPPELER	92	1:02.51 NEILL WILLIAMS	29
1:19.89 ALAN LIU	24	25.48 ERIC TARBELL	25	1:02.75 BRAD HOFFMAN	25	1:03.72 GREGORY MACKEM	29
200 M. BREASTSTROKE				1:03.50 ROBERT BERRY	29	1:03.85 BRAD HOFFMAN	25

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

1:03.99 ANDREW FARRELL 26	4:23.98 ROBERT BEN GEISE 33	33.73 AL MOSER 32	5:08.10 STEPHEN STAHL 32
1:04.14 ERNIE HOFTYZER 27	4:28.61 SCOTT FREDERICK 31	33.88 MICHAEL LANE 30	5:12.48 MICHAEL NEAL 33
• 200 M. BUTTERFLY	4:29.06 TODD CLARK 32	• 100 M. BREASTSTROKE	5:12.75 DONALD SKEOCH 34
2:06.88 JIM BELARDI 82	4:31.07 ANDREW PULSIFER 31	1:05.65 DAVID LUNDBERG 91	5:16.04 ERIC WENDORF 32
2:27.27 BRENT BLACKMAN 26	4:31.51 GEORGE EDELMAN 30	1:12.26 JOHN HALLMAN 32	5:16.19 STEVEN RUITER 32
2:35.67 MATTHEW KINNEY 27	4:34.14 MICHAEL NEAL 33	1:12.57 S.VANKUILENBURG 32	5:22.27 MICHAEL COLLINS 31
2:36.69 DOUG FADEL 28	4:42.12 JONATHAN OLSEN 34	1:13.61 D LAWRENCE 31	5:23.00 AL JAEGER'S 34
3:02.86 DAN BORTON 29	4:42.12 MICHAEL COLLINS 31	1:14.53 DALE MERCKER 30	5:29.71 JIM MELLON 34
3:27.38 GREG PRAIS 25	• 800 M. FREESTYLE	1:15.63 MARK WAN 32	
3:54.33 ANDREW PERRY 28	8:40.19 ROWDY GAINES 93	1:15.70 DOUGLAS WOODRING 31	MEN 35-39
• 200 M. INDIVIDUAL MEDLEY	9:13.60 TODD CLARK 32	1:16.08 ALVIN RODRIGUEZ 31	• 50 M. FREESTYLE
2:09.21 CAMERON REID 87	9:15.76 ROBERT BEN GEISE 33	1:16.65 ERIC WAGNER 33	24.27 BRUCE STAHL 93
2:14.34 ABRAHAM SOLANO 27	9:22.91 GEORGE EDELMAN 30	1:17.27 ERIC WENDORF 32	24.95 KEVIN HOOK 36
2:15.39 MARCEL RINZLER 26	9:26.27 AL JAEGER'S 34	1:18.03 MATTHEW RANKIN 30	24.96 DAVID BOATWRIGHT 35
2:18.33 LORENZO BENUCCI 29	9:36.01 MICHAEL COLLINS 31	• 200 M. BREASTSTROKE	25.12 KURT WIENANTS 35
2:19.01 JACK THOMAS 25	9:39.16 DONALD SKEOCH 34	2:24.06 DAVID LUNDBERG 91	25.14 JAMES LILLEY 37
2:20.51 BRAD HOFFMAN 25	9:57.29 JIM MELLON 34	2:43.64 S.VANKUILENBURG 32	25.60 DAVID GIBSON 37
2:20.94 MARK SMITH 27	10:03.39 BRIAN SUTLIFF 33	2:46.89 JOHN HALLMAN 32	25.62 RAMON VOLCAN 39
2:22.82 ROBERT BERRY 29	10:13.89 DAVID KASTIGAR 33	2:47.50 DALE MERCKER 30	25.63 SKIP GRANTHAM 37
2:23.75 ERIC TARBELL 25	10:17.43 BRIAN JACKSON 34	2:47.56 D LAWRENCE 31	25.65 THOMAS MCCABE 39
2:26.02 RICHARD DORSEY 28	• 1500 M. FREESTYLE	2:51.17 STEPHEN STAHL 32	25.69 BRIAN VAILLE 35
2:26.04 NEILL WILLIAMS 29	16:36.06 BOBBY PATTEN 93	2:51.45 DARREN MC CARTHY 31	25.75 J. CLAY BRITT 36
• 400 M. INDIVIDUAL MEDLEY	17:35.87 FRANZ MORTENSEN 33	2:51.64 AL MOSER 32	• 100 M. FREESTYLE
4:32.96 ALEX KOSTICH 97	17:52.70 ROBERT BEN GEISE 33	2:54.36 MARTIN LIVESEY 31	51.49 ROWDY GAINES 95
4:32.96 ALEX KOSTICH 27	17:56.36 TODD CLARK 32	2:55.09 MATTHEW CONNERY 33	53.72 KEVIN HOOK 36
5:01.03 JACK THOMAS 25	18:10.80 GEORGE EDELMAN 30	2:55.20 ALVIN RODRIGUEZ 31	54.91 DAVID BOATWRIGHT 35
5:02.03 BRAD HOFFMAN 25	18:35.16 AL JAEGER'S 34	• 50 M. BUTTERFLY	55.51 JAMES LILLEY 37
5:02.51 DITMAR PETROV 26	18:44.04 MICHAEL COLLINS 31	25.31 MIKE BOTTOM 88	55.65 KURT WIENANTS 35
5:15.80 ROBERT HERMANET 27	19:09.85 D LAWRENCE 31	26.99 SHAWN JONES 30	56.29 SKIP GRANTHAM 37
5:17.19 BRIAN KOHLMEIER 28	19:27.13 DAVID KASTIGAR 33	27.38 STUART CROMARTY 33	56.41 DONALD JENNINGS 36
5:26.49 THAD INGERSOLL 27	19:42.10 BILL KOREY 33	27.59 ERIC WENDORF 32	56.42 PETER NUNAN 39
5:37.37 KEITH GAST 27	20:08.80 SCOTT TOBIN 34	27.70 JOSEPH LILEIKIS 34	56.76 THOMAS MCCABE 39
5:41.44 SCOTT THORPE 29	• 50 M. BACKSTROKE	27.71 JOHN BLACK 34	57.09 ALEX BAILEY 36
5:53.91 DAN BORTON 29	27.26 SEAN MURPHY 94	27.84 WALLY DICKS 34	57.33 L. MEISENHEIMER 39
	29.53 ANDREW PULSIFER 31	27.85 C. HALFAST 31	• 200 M. FREESTYLE
MEN 30-34	29.57 AL JAEGER'S 34	27.93 GREG SARGENT 30	1:57.68 ROWDY GAINES 94
• 50 M. FREESTYLE	30.11 DAVID ROACH 32	27.94 STEPHEN STAHL 32	1:58.66 KEVIN HOOK 36
22.80 ROBERT PEEL 96	30.20 SHAWN JONES 30	27.96 CALL HADDON 31	2:01.96 JAMES LILLEY 37
24.97 BERT BERGEN 30	30.54 CALL HADDON 31	• 100 M. BUTTERFLY	2:03.08 KURT WIENANTS 35
25.16 C. HALFAST 31	31.64 MARK KAISER 33	56.64 MIKE BOTTOM 88	2:04.25 DAVID BOATWRIGHT 35
25.28 JOHN BLACK 34	31.69 JOHN BLACK 34	58.19 RICHARD PEASE 32	2:05.13 ROBERT HUDEK 35
25.37 STEPHEN STAHL 32	32.02 JOSEPH LILEIKIS 34	59.46 C. JOHNSON 34	2:05.15 GORDON ANDREWS 37
25.59 TODD BARRY 34	32.16 DAVID KASTIGAR 33	1:00.16 MATTHEW RANKIN 30	2:05.40 CRIS WILLIAMS 36
25.60 DOUGLAS WOODRING 31	39.28 ERIC NEILSEN 31	1:00.96 STUART CROMARTY 33	2:05.48 MIKE KECK 37
25.64 CALL HADDON 31	• 100 M. BACKSTROKE	1:01.13 STEPHEN STAHL 32	2:05.88 THOMAS MCCABE 39
25.78 JEFFREY HOGG 32	58.66 SEAN MURPHY 94	1:01.38 IGOR VAZHENIN 33	2:05.91 ROBERT PLACAK 38
25.79 ROBERT BEN GEISE 33	1:04.95 RICHARD PEASE 32	1:01.39 ERIC WENDORF 32	• 400 M. FREESTYLE
25.86 STUART CROMARTY 33	1:07.05 SHAWN JONES 30	1:01.44 TODD BARRY 34	4:07.64 ROWDY GAINES 95
• 100 M. FREESTYLE	1:07.88 MATTHEW RANKIN 30	1:01.54 THOMAS LILEIKIS 31	4:24.65 ROBERT HUDEK 35
51.50 ROWDY GAINES 91	1:08.35 ERIC WAGNER 33	1:01.93 BRIAN CASEY 33	4:25.55 CRIS WILLIAMS 36
54.53 FRANZ MORTENSEN 33	1:08.51 OMAR SUWARNO 34	• 200 M. BUTTERFLY	4:28.69 MIKE KECK 37
55.21 STEPHEN STAHL 32	1:09.00 DAVID ROACH 32	2:03.85 BOBBY PATTEN 95	4:29.21 SCOTT RABALAIS 38
55.51 RICHARD PEASE 32	1:10.90 STEPHEN LAIRD 31	2:16.48 IGOR VAZHENIN 33	4:37.52 LARRY BLACK 39
55.65 TODD BARRY 34	1:12.10 SCOTT BRINITZER 34	2:18.40 STEPHEN STAHL 32	4:37.83 WILLIAM SPECHT 39
55.99 BERT BERGEN 30	1:12.90 TODD CLARK 32	2:19.87 GERRY RODRIGUES 34	4:37.89 GARY QUINN 39
56.15 JOHN BLACK 34	1:12.92 BRIAN ACKER 30	2:20.90 TODD CLARK 32	4:39.16 ANDREAS SEIBT 39
56.16 ROBERT BEN GEISE 33	• 200 M. BACKSTROKE	2:21.13 OLEG LITVINOV 31	4:42.35 KARL KOLB 36
56.18 STUART CROMARTY 33	2:05.62 SEAN MURPHY 94	2:24.40 DONALD SKEOCH 34	4:43.07 ALEX BAILEY 36
56.30 C. HALFAST 31	2:20.59 RICHARD PEASE 32	2:25.05 JOHN O'KEEFE 30	• 800 M. FREESTYLE
56.31 IGOR VAZHENIN 33	2:25.75 ANDREW PULSIFER 31	2:36.08 AL JAEGER'S 34	8:38.73 ROWDY GAINES 95
• 200 M. FREESTYLE	2:29.21 GREG SARGENT 30	2:44.42 MICHAEL COLLINS 31	9:08.46 ROBERT HUDEK 35
1:54.04 ROWDY GAINES 90	2:32.75 DONALD SKEOCH 34	2:45.73 KIRK SEAGER 33	9:08.73 ANDREW SAPPEY 37
2:00.29 FRANZ MORTENSEN 33	2:32.77 DAVID KASTIGAR 33	• 200 M. INDIVIDUAL MEDLEY	9:14.61 MIKE KECK 37
2:01.96 STUART CROMARTY 33	2:34.21 DANIEL FOSTER 32	2:09.69 DAVID LUNDBURG 91	9:16.06 CRAIG NADEL 36
2:01.98 STEPHEN STAHL 32	2:37.03 JIM MELLON 34	2:16.11 RICHARD PEASE 32	9:18.46 SCOTT RABALAIS 38
2:02.32 IGOR VAZHENIN 33	2:39.02 JOHN MOORE 33	2:18.10 MATTHEW RANKIN 30	9:34.54 LARRY BLACK 39
2:02.50 TODD BARRY 34	2:40.48 BRIAN ACKER 30	2:19.65 ANDREW PULSIFER 31	9:41.98 SCOTT SHAKE 39
2:02.84 JASON NIELSEN 30	2:41.15 JIM EBERT 33	2:21.49 BERT BERGEN 30	9:54.45 KARL KOLB 36
2:02.71 GERRY RODRIGUES 34	• 50 M. BREASTSTROKE	2:21.85 C. JOHNSON 34	10:12.21 RON COLLINS 35
2:03.83 ROBERT BEN GEISE 33	29.42 DAVID GUTHRIE 92	2:22.69 SCOTT FREDERICK 31	10:12.47 JIM MCFARLAND 39
2:04.05 BERT BERGEN 30	29.98 WALLY DICKS 34	2:23.60 MICHAEL NEAL 33	• 1500 M. FREESTYLE
2:04.96 GEORGE EDELMAN 30	32.02 JOHN HALLMAN 32	2:24.20 C. HALFAST 31	16:37.34 ROWDY GAINES 94
• 400 M. FREESTYLE	32.24 MARK METZ 34	2:25.11 STEPHEN STAHL 32	17:47.82 SCOTT RABALAIS 38
4:07.04 ROWDY GAINES 93	32.67 STEPHEN STAHL 32	2:25.72 JOHN O'KEEFE 30	17:50.38 CRAIG NADEL 36
4:22.88 STUART CROMARTY 33	33.28 IGOR VAZHENIN 33	• 400 M. INDIVIDUAL MEDLEY	18:21.11 LARRY BLACK 39
4:23.24 IGOR VAZHENIN 33	33.31 DOUGLAS WOODRING 31	4:40.22 SEAN MURPHY 94	18:21.20 SCOTT SHAKE 39
4:23.48 JASON NIELSEN 30	33.31 S.VANKUILENBURG 32	4:57.29 RICHARD PEASE 32	18:53.88 KARL KOLB 36
	33.65 CALL HADDON 31	5:01.89 TODD CLARK 32	

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

19:01.02 CHRIS ROTH	38	• 50 M. BUTTERFLY	55.50	JACK GROSELLE	43	1:09.49 JIM BENDTSEN	43
19:06.71 DAN GOERKE	38	25.93 MICHAEL BOTTOM	93	56.23 DAN STEPHENSON	40	1:10.19 MALCOLM COOPER	40
19:08.31 JAMES NEY	38	26.52 RAMON VOLCAN	39	56.64 RICHARD HESS	42	1:10.68 TIMOTHY ROURKE	42
19:16.77 RON COLLINS	35	26.75 WILLIAM SPECHT	39	56.80 JEFF PEROUT	44	• 200 M. BACKSTROKE	
19:20.69 L.MEISENHEIMER	39	26.83 KURT WIENANTS	35	57.06 DOUG SCHLAK	41	2:18.17 PETER O'KEEFFE	90
• 50 M. BACKSTROKE		26.89 DAVID GIBSON	37	57.89 ROBERT CROWDER	41	2:20.52 THOMAS WOLF	42
28.04 THOMPSON MANN	78	26.91 SKIP GRANTHAM	37	58.00 SPENCER ELDRED	40	2:24.89 MARK LIST	41
29.08 WILLIAM SPECHT	39	27.01 THOMAS MCCABE	39	58.06 LEE MENCH	44	2:25.38 FRED FERROGGIARO	43
29.29 RAMON VOLCAN	39	27.23 EDMUND GENDREAU	35	58.39 JEFFREY KAMLER	40	2:25.75 ROBERT CROWDER	41
29.30 J. CLAY BRITT	36	27.40 BRIAN PAKKALA	35	• 200 M. FREESTYLE		2:27.94 EDDIE RIACH	44
29.82 DONALD JENNINGS	36	27.59 CHRIS DIXON	39	2:01.16 HESS YNTEMA	95	2:29.00 PAUL WINDRATH	43
29.85 JAMES LILLEY	37	27.64 BOB BURESH	39	2:01.69 DAN STEPHENSON	40	2:29.07 PAUL FETTERS	44
30.38 DAVID GIBSON	37	• 100 M. BUTTERFLY		2:05.95 JACK GROSELLE	43	2:30.73 JEFF PEROUT	44
30.41 BOB BURESH	39	56.60 JEFF STUART	96	2:07.31 LARRY WOOD	43	2:31.37 DAVID BURLESON	40
30.84 BRIAN PAKKALA	35	58.65 WILLIAM SPECHT	39	2:07.38 JEFF PEROUT	44	2:31.99 MARK PUGLIESE	44
30.86 BRIAN VAILE	35	1:00.32 KURT WIENANTS	35	2:08.03 SPENCER ELDRED	40	• 50 M. BREASTSTROKE	
31.13 KEN NOLAN	36	1:00.40 SKIP GRANTHAM	37	2:08.54 WILLIAM HEMPEL	40	30.82 PEDER DAHLBERG	92
• 100 M. BACKSTROKE		1:00.52 ROBERT PLACAK	38	2:10.09 KERRY O'BRIEN	40	30.91 DOUG MALCOLM	40
1:00.95 WILLIAM SPECHT	93	1:00.60 EDMUND GENDREAU	35	2:10.24 DOUG SCHLAK	41	30.99 RICK HOFSTETTER	40
1:03.64 J. CLAY BRITT	36	1:01.48 DAVID GIBSON	37	2:10.29 LEE MENCH	44	31.79 SPENCER ELDRED	40
1:03.88 WILLIAM SPECHT	39	1:01.78 JAMES LILLEY	37	2:11.78 CRAIG BURNS	44	32.28 JACK GROSELLE	43
1:04.03 STEVE GEORGE	37	1:01.78 CHRIS ROTH	38	• 400 M. FREESTYLE		32.60 STUART CORLISS	41
1:04.22 SCOTT SHAKE	39	1:01.94 THOMAS MCCABE	39	4:20.37 HESS YNTEMA	96	33.22 JOSEPH MAGIERA	40
1:04.62 MIKE FRAZER	36	1:02.49 BRIAN PAKKALA	35	4:28.07 DAN STEPHENSON	40	33.63 JOHN TEMPLIN	43
1:04.73 BOB BURESH	39	• 200 M. BUTTERFLY		4:35.99 JAMES STEWART	40	33.95 PATRICK DIBIASE	42
1:06.27 DAVID GIBSON	37	2:06.74 JEFF STUART	96	4:36.13 NEIL WASSERMAN	42	34.11 JEFFREY KAMLER	40
1:06.48 DONALD JENNINGS	36	2:09.82 WILLIAM SPECHT	39	4:36.44 LARRY WOOD	43	34.11 ERIC VAN BOER	42
1:07.12 KEN NOLAN	36	2:20.80 CHRIS ROTH	38	4:36.47 ROB COPELAND	40	• 100 M. BREASTSTROKE	
1:07.20 GARY QUINN	39	2:21.08 MIKE KECK	37	4:38.38 FRED FERROGGIARO	43	1:09.47 DOUG MALCOLM	97
• 200 M. BACKSTROKE		2:25.33 RON COLLINS	35	4:40.82 EDDIE RIACH	44	1:09.47 DOUG MALCOLM	40
2:13.83 TOM WOLF	90	2:26.52 SCOTT HALLIBURTON	35	4:41.35 ROBERT WRIGHT	42	1:10.46 RICK HOFSTETTER	40
2:19.71 SCOTT SHAKE	39	2:26.88 ANDREAS SEIBT	39	4:43.30 HOWARD COYE	42	1:11.27 SPENCER ELDRED	40
2:20.07 WILLIAM SPECHT	39	2:27.19 BILL STAEBELL	35	4:44.29 WILLIAM HEMPEL	40	1:12.76 STUART CORLISS	41
2:20.45 STEVE GEORGE	37	2:30.07 JAMES BOSWELL	36	• 800 M. FREESTYLE		1:14.57 JACK GROSELLE	43
2:25.58 GORDON ANDREWS	37	2:33.46 SCOTT RABALAIS	38	8:57.66 HESS YNTEMA	95	1:15.38 MATTHEW KANZLER	40
2:25.69 ANDREAS SEIBT	39	2:34.50 KARL KOLB	36	9:24.98 DAN STEPHENSON	40	1:15.62 JOHN TEMPLIN	43
2:27.95 BOB BURESH	39	• 200 M. INDIVIDUAL MEDLEY		9:29.51 JAMES STEWART	40	1:15.68 JOSEPH MAGIERA	40
2:30.49 MATTHEW PAINTER	38	2:16.49 MARK SCHUMAN	92	9:33.25 ROB COPELAND	40	1:16.55 JAMES HUGUENARD	43
2:30.64 KEN NOLAN	36	2:19.44 MIKE KECK	37	9:34.53 EDDIE RIACH	44	1:16.56 PATRICK DIBIASE	42
2:35.62 MARTY HENDRICK	39	2:20.17 KURT WIENANTS	35	9:36.01 LARRY WOOD	43	• 200 M. BREASTSTROKE	
2:39.11 TOM DUGAN	39	2:23.46 STEVE GEORGE	37	9:40.83 FRED FERROGGIARO	43	2:32.17 RICK COLELLA	92
• 50 M. BREASTSTROKE		2:24.47 ANDREAS SEIBT	39	9:42.92 WILLIAM HEMPEL	40	2:37.94 SPENCER ELDRED	40
30.13 DAVID GUTHRIE	95	2:24.47 GREGORY DOZER	39	9:50.91 ROBERT WRIGHT	42	2:38.09 DOUG MALCOLM	40
31.53 DAVID GUTHRIE	37	2:24.82 BRIAN VAILE	35	9:53.52 TIMOTHY KENNEDY	40	2:40.46 STUART CORLISS	41
31.94 HOLDEN BANK	37	2:24.95 GARY PATTERSON	37	9:54.39 PAUL WINDRATH	43	2:40.67 MATTHEW KANZLER	40
32.53 JAN VANDERSLUIJS	36	2:25.25 DAVID GIBSON	37	• 1500 M. FREESTYLE		2:45.74 PATRICK DIBIASE	42
32.86 PETE ZSOLDOS	39	2:26.60 DAVID GUTHRIE	37	16:58.52 HESS YNTEMA	95	2:46.56 TOM REUDY	42
32.90 WILLIAM CONNOLLY	36	2:28.53 HOLDEN BANK	37	18:24.08 LARRY WOOD	43	2:46.66 JOSEPH MAGIERA	40
32.96 GILBERT BECK	36	• 400 M. INDIVIDUAL MEDLEY		18:29.31 NEIL WASSERMAN	42	2:47.09 JAMES HUGUENARD	43
33.18 J.KOCHENDORFER	36	4:50.27 JEFF STILING	95	19:02.46 NED MAGGIORA	42	2:50.19 JOHN TEMPLIN	43
34.23 EDMUND GENDREAU	35	5:01.05 MIKE KECK	37	19:02.74 DAVID SCHRADER	41	2:54.90 RICHARD ENRIGHT	44
34.24 PAT ALLENDER	38	5:07.40 KIRK ANDERSON	37	19:04.37 ROBERT WRIGHT	42	• 50 M. BUTTERFLY	
34.30 JEFF BARBER	36	5:09.77 ANDREAS SEIBT	39	19:12.87 MIKE RYDER	42	26.62 RICHARD HESS	95
34.30 MATTHEW PAINTER	38	5:10.55 ROBERT HUDEK	35	19:19.75 LEE MENCH	44	26.85 RICHARD HESS	42
• 100 M. BREASTSTROKE		5:15.80 SCOTT RABALAIS	38	19:28.20 DAVID BURLESON	40	27.45 JAMES BELARDI	40
1:05.67 DAVID GUTHRIE	95	5:18.47 BRIAN VAILE	35	19:54.45 BRUCE HATTON	40	27.62 FREDERICK EHMKE	42
1:08.98 DAVID GUTHRIE	37	5:18.73 GARY QUINN	39	19:55.03 TIMOTHY KENNEDY	40	27.89 M.STINCHCOMBE	40
1:13.53 J.KOCHENDORFER	36	5:21.04 RON COLLINS	35	• 50 M. BACKSTROKE		27.92 CRAIG BURNS	44
1:13.77 HOLDEN BANK	37	5:21.34 CHRIS ROTH	38	29.10 CLAY EVANS	96	28.17 JACK GROSELLE	43
1:13.79 PAT ALLENDER	38	5:25.79 BILL STAEBELL	35	29.47 THOMAS WOLF	42	28.29 KERRY O'BRIEN	40
1:13.80 GREGORY DOZER	39			30.56 JEFF PEROUT	44	28.38 LOUIS TUDOR	41
1:13.97 EDMUND GENDREAU	35	MEN 40-44		30.70 MARK LIST	41	28.42 KEVIN MC CORMACK	44
1:15.40 PETE ZSOLDOS	39	• 50 M. FREESTYLE		31.09 MARK PUGLIESE	44	28.47 TOM STEEL	40
1:15.56 GARY PATTERSON	37	24.39 RICK ABBOTT	95	31.44 ROBERT CROWDER	41	• 100 M. BUTTERFLY	
1:15.76 JAN VANDERSLUIJS	36	24.80 STU MARVIN	41	31.67 GEORGE RICHON	40	59.02 HESS YNTEMA	95
1:16.45 GILBERT BECK	36	25.30 JACK GROSELLE	43	31.70 PAUL WINDRATH	43	59.64 JAMES BELARDI	40
• 200 M. BACKSTROKE		25.49 RICHARD HESS	42	31.72 SCOTT JONES	44	1:01.46 RICHARD HESS	42
2:24.37 DAVID GUTHRIE	95	25.61 JACK BABASHOFF	42	31.83 JIM BENDTSEN	43	1:01.57 KERRY O'BRIEN	40
2:32.31 DAVID GUTHRIE	37	25.69 BOB BROWN	43	31.92 TIMOTHY ROURKE	42	1:01.68 STUART CORLISS	41
2:38.22 GARY PATTERSON	37	25.77 M.STINCHCOMBE	40	• 100 M. BACKSTROKE		1:03.78 CRAIG BURNS	44
2:39.15 PAT ALLENDER	38	25.93 ERIC VAN BOER	42	1:03.39 PETER O'KEEFFE	90	1:03.80 MATTHEW KANZLER	40
2:42.15 EDMUND GENDREAU	35	25.97 DAN STEPHENSON	40	1:03.72 THOMAS WOLF	42	1:04.52 JOHN CRAIG	43
2:47.12 J.KOCHENDORFER	36	26.11 FREDERICK EHMKE	42	1:06.16 ROBERT CROWDER	41	1:05.93 JEFF STRNAD	44
2:50.38 CRAIG DALLAM	39	26.13 ROBERT CROWDER	41	1:06.51 MARK LIST	41	1:06.90 JIM GRUBBS	42
2:51.32 GILBERT BECK	36	• 100 M. FREESTYLE		1:06.52 JEFF PEROUT	44	1:07.27 BILL ADKISON	42
2:52.12 JEFF BARBER	36	54.47 RICK ABBOTT	95	1:08.48 MARK PUGLIESE	44	• 200 M. BUTTERFLY	
2:54.09 STEVE GROSSMAN	35	55.06 STU MARVIN	41	1:08.59 FRED FERROGGIARO	43	2:11.53 JAMES BELARDI	97
2:54.65 RICHARD DE GALAN	36			1:09.28 DAVID BURLESON	40	2:11.53 JAMES BELARDI	40

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

2:19.92 KERRY O'BRIEN 40	4:50.13 DAVID OWEN 45	• 100 M. BREASTSTROKE	5:43.91 DAVID LEVINSON 47
2:21.95 MATTHEW KANZLER 40	4:51.22 GAARD ARNESON 49	1:12.44 C. MILTENBERGER 97	5:48.38 GAARD ARNESON 49
2:22.88 NEIL WASSERMAN 42	4:55.58 STEPHEN JOHNSON 49	1:12.44 C. MILTENBERGER 45	5:51.40 DAVID OWEN 45
2:30.53 ROBERT WRIGHT 42	4:58.84 FRED SCHLICHER 49	1:14.46 RICHARD BOHAN 46	5:51.68 LOUIS SLATER 48
2:35.26 MICHAEL LEMKE 40	4:59.43 STEVE HECK 47	1:15.93 ROBERT PUELS 46	6:01.81 MICHAEL FOX 47
2:36.71 NED MAGGIORA 42	4:59.56 LOUIS SLATER 48	1:16.61 MIKE WHITAKER 45	6:16.56 RALPH MOON 47
2:40.61 BRUCE HATTON 40	• 800 M. FREESTYLE	1:16.80 DALE KORNER 45	
2:43.61 JIM GRUBBS 42	9:16.09 TIM BRODERICK 96	1:16.94 GREG HARRISON 45	MEN 50-54
2:44.25 DAVID BURLESON 40	9:32.27 R. TOD SPIEKER 49	1:17.78 RICK WALKER 46	• 50 M. FREESTYLE
• 200 M. INDIVIDUAL MEDLEY	9:51.84 KEITH BELL 49	1:17.81 CLAY KOLAR 48	25.93 KEEFE LODWIG 96
2:17.64 HESS YNTEMA 95	9:57.76 FRANK THOMPSON 45	1:18.34 STEVEN HECK 47	26.44 STEVE CLARK 54
2:20.67 JAMES BELARDI 40	10:00.17 GAARD ARNESON 49	1:18.81 ALLEN STARK 48	26.46 KEEFE LODWIG 53
2:21.06 SPENCER ELDERD 40	10:02.55 JOEL WILSON 48	• 200 M. BREASTSTROKE	26.66 DAVID PADGETT 50
2:21.34 DAN STEPHENSON 40	10:03.37 DAVID OWEN 45	2:41.13 GREG HARRISON 97	26.82 JAMES ELDER 54
2:23.30 THOMAS WOLF 42	10:06.65 RICK WALKER 46	2:41.13 GREG HARRISON 45	27.08 ROBERT STRAND 51
2:24.62 STUART CORLISS 41	10:12.22 STEPHEN JOHNSON 49	2:46.80 C. MILTENBERGER 45	27.27 DANIEL ROGACKI 50
2:25.10 RICHARD HESS 42	10:12.72 FRED SCHLICHER 49	2:50.78 DALE KORNER 45	27.48 STUART VANCE 50
2:26.00 JEFFREY KAMLER 40	10:20.75 STEVE MCELTRATH 47	2:51.22 ALLEN STARK 48	27.59 HUGH WILDER 50
2:27.67 TOM REUDY 42	• 1500 M. FREESTYLE	2:52.55 STEVEN HECK 47	27.61 PAUL MC CORMICK 50
2:28.40 NEIL WASSERMAN 42	17:38.65 TODD BRYAN 96	2:53.92 ROBERT PUELS 46	27.72 GLENN WOODSUM 50
2:30.93 PAUL WINDRATH 43	18:52.54 KEITH BELL 49	2:54.10 MAL JESTER 48	• 100 M. FREESTYLE
• 400 M. INDIVIDUAL MEDLEY	19:34.13 DAVID OWEN 45	2:54.61 RICK WALKER 46	57.86 KEEFE LODWIG 96
4:53.03 HESS YNTEMA 95	19:46.08 JORGE GONZALEZ 48	2:54.71 ARTHUR HALTTUNEN 47	57.93 KEEFE LODWIG 53
5:08.94 SPENCER ELDERD 40	19:50.79 FRANK THOMPSON 45	• 50 M. BUTTERFLY	59.82 PETER WISNER 50
5:11.85 MATTHEW KANZLER 40	19:57.81 GAARD ARNESON 49	27.12 DAN THOMPSON 92	59.85 STEVE CLARK 54
5:13.15 NEIL WASSERMAN 42	20:10.25 JOHN EDWARDS 48	28.03 STEVE BOROWSKI 49	1:00.30 TIM BIRNIE 51
5:15.72 STUART CORLISS 41	20:32.46 EDWARD STRACK 45	28.70 JOHN MEADE 45	1:00.32 ROBERT STRAND 51
5:18.12 EDDIE RIACH 44	20:38.10 BRETT SORGE 49	28.86 JOHN MCCALL 45	1:01.26 GLENN WOODSUM 50
5:23.24 LARRY WOOD 43	20:54.07 TOM ELLISON 47	28.92 BOO GRANER-GALLAS 49	1:01.40 RICHARD ARLUCK 51
5:28.08 DAVID BURLESON 40	21:00.53 THOMAS MESTER 46	29.27 STEVEN HECK 47	1:01.77 PAUL MC CORMICK 50
5:28.93 RUSSELL FRAZIER 43	• 50 M. BACKSTROKE	29.38 DICK THOMAS 49	1:01.83 JAMES ELDER 54
5:31.62 PAUL WINDRATH 43	30.30 RICHARD BOBER 96	29.38 JOHN DERR 48	1:02.18 DONALD GALINE 51
5:32.85 ROBERT WRIGHT 42	31.34 MARK MADER 49	29.49 DAVID LEVINSON 47	• 200 M. FREESTYLE
	31.61 JOHN SPIRE 45	29.52 DAVID CASTO 45	2:09.74 TIMOTHY GARTON 93
MEN 45-49	31.72 DICK THOMAS 49	29.60 RUDY VAZMINA 47	2:12.44 PETER WISNER 50
• 50 M. FREESTYLE	32.07 WILLIAM TINGLEY 47	• 100 M. BUTTERFLY	2:13.04 PAUL MC CORMICK 50
25.30 RICHARD ABRAHAMS 90	32.63 STEVEN HECK 47	1:02.47 BOO GRANER GALLAS 96	2:13.42 TIM BIRNIE 51
25.92 C. MILTENBERGER 45	32.72 GARY HAFER 46	1:02.94 BOO GRANER-GALLAS 49	2:14.42 KEEFE LODWIG 54
26.61 STEVE HECK 47	32.99 TIMOTHY HUESKEN 45	1:05.56 JOHN MCCALL 45	2:19.00 DONALD GALINE 51
26.65 RANDY SIMONS 48	33.23 RICHARD HAAS 47	1:06.21 KEITH BELL 49	2:20.33 RICHARD ARLUCK 51
26.67 JOHN MEADE 45	33.63 PAUL LANDES 47	1:07.21 ALAN BELL 47	2:22.05 BILL DARBY 50
27.04 TIM BRODERICK 46	33.66 DONALD SCHAEBERLE 47	1:07.43 DAVID LEVINSON 47	2:22.51 HUGH WILDER 50
27.05 ROBERT PUELS 46	• 100 M. BACKSTROKE	1:07.60 GARY BASTIE 47	2:22.52 BOB COUCH 50
27.08 PAUL MEYER 49	1:05.64 PETER O'KEEFFE 95	1:07.62 DAVE TANNER 47	2:22.68 GLENN WOODSUM 50
27.19 DICK THOMAS 49	1:08.82 RICHARD BOBER 46	1:08.18 STEVE HECK 47	• 400 M. FREESTYLE
27.37 JOHN SPIRE 45	1:09.63 WILLIAM TINGLEY 47	1:08.24 RUDY VAZMINA 47	4:43.72 TIMOTHY GARTON 92
27.51 DAVID CASTO 45	1:09.83 JOHN SPIRE 45	1:08.31 JOHN MEADE 45	4:49.05 PAUL MC CORMICK 50
• 100 M. FREESTYLE	1:10.15 R. TOD SPIEKER 49	• 200 M. BUTTERFLY	5:08.42 BOB COUCH 50
56.73 TIM BRODERICK 96	1:10.66 DICK THOMAS 49	2:21.84 BOO GRANER GALLAS 96	5:09.52 BRETT SORGE 50
57.09 C. MILTENBERGER 45	1:10.77 FRANK THOMPSON 45	2:26.17 BOO GRANER-GALLAS 49	5:10.22 HUGH WILDER 50
58.43 TIM BRODERICK 46	1:12.60 TIMOTHY HUESKEN 45	2:30.09 KEITH BELL 48	5:10.27 JAMES BEGLINGER 51
59.05 BOO GRANER-GALLAS 49	1:12.90 ALAN BELL 47	2:31.64 DAVE TANNER 47	5:11.04 DENNY MC NULTY 51
1:00.83 DAVE TANNER 47	1:13.30 GARY HAFER 46	2:33.02 JOEL WILSON 48	5:12.07 DONALD GALINE 51
1:01.11 STEVE HECK 47	1:13.52 STEVEN HECK 47	2:34.53 ALAN BELL 47	5:22.19 JOHN GRAHAM 51
1:01.13 PAUL MEYER 49	• 200 M. BACKSTROKE	2:38.20 DAVID LEVINSON 47	5:23.68 HOP BAILEY 50
1:01.13 ROBERT PUELS 46	2:23.84 PETER O'KEEFFE 95	2:38.97 FRED SCHLICHER 49	5:23.90 GEORGE ELTMAN 51
1:01.52 DONALD BACCI 45	2:30.58 R. TOD SPIEKER 49	2:40.97 STEVE MCELTRATH 47	• 800 M. FREESTYLE
1:01.59 DAVID CASTO 45	2:32.93 FRANK THOMPSON 45	2:45.26 JOHN MCCALL 45	9:55.59 TIMOTHY GARTON 92
1:02.10 MICHAEL FOX 47	2:35.01 WILLIAM TINGLEY 47	2:45.99 EDWARD STRACK 45	9:58.43 PAUL MC CORMICK 50
• 200 M. FREESTYLE	2:37.86 RICHARD BOBER 46	• 200 M. INDIVIDUAL MEDLEY	10:20.70 BILL DARBY 50
2:03.71 TIM BRODERICK 96	2:38.05 ALAN BELL 47	2:22.06 TIM BRODERICK 96	10:26.07 BRETT SORGE 50
2:04.80 TIM BRODERICK 46	2:40.98 TIMOTHY HUESKEN 45	2:32.81 STEVEN HECK 47	10:26.68 JOHN SULTAN 50
2:08.57 R. TOD SPIEKER 49	2:41.71 STEVE HECK 47	2:35.13 JOEL WILSON 48	10:34.39 MILTON ACKERMAN 50
2:13.11 KEITH BELL 49	2:41.96 DAVID OWEN 45	2:35.71 FRANK THOMPSON 45	10:36.38 JAMES BEGLINGER 51
2:14.51 FRANK THOMPSON 45	2:42.20 RICHARD HAAS 47	2:36.71 PETER WISNER 49	10:44.62 DOUGLAS RICE 52
2:14.96 PAUL MEYER 49	2:43.65 GARY HAFER 46	2:37.13 MAL JESTER 48	11:11.01 DONALD GALINE 51
2:17.26 STEVE HECK 47	• 50 M. BREASTSTROKE	2:37.80 DAVID LEVINSON 47	11:12.93 CHRIS JENSEN 50
2:17.51 DAVID OWEN 45	32.48 ROBERT STRAND 94	2:38.50 JOHN MEADE 45	11:13.47 GEORGE ELTMAN 51
2:19.85 GAARD ARNESON 49	32.49 C. MILTENBERGER 45	2:39.06 STEVE MCELTRATH 47	• 1500 M. FREESTYLE
2:20.07 GORGE GONZALEZ 48	33.21 RICHARD BOHAN 46	2:40.65 TOM MEADE 49	19:19.43 ED CAZALET 93
2:20.30 TOM ELLISON 47	33.92 ROBERT PUELS 46	2:40.97 DICK THOMAS 49	20:21.10 BOB COUCH 50
• 400 M. FREESTYLE	33.96 ARTHUR HALTTUNEN 47	• 400 M. INDIVIDUAL MEDLEY	21:27.69 CHRIS JENSEN 50
4:24.37 TIM BRODERICK 96	34.33 DALE KORNER 45	5:10.08 TIM BRODERICK 96	21:36.46 WILLIAM HERZER 50
4:33.46 R. TOD SPIEKER 49	34.66 ALLEN STARK 48	5:25.53 R. TOD SPIEKER 49	21:36.81 PAUL HEBERT 51
4:44.25 KEITH BELL 49	34.76 MAL JESTER 48	5:33.75 KEITH BELL 48	21:46.32 JOHN GRAHAM 51
4:47.36 FRANK THOMPSON 45	35.02 ROBERT LIOTTA 46	5:38.87 FRANK THOMPSON 45	21:54.71 DANIEL ROGACKI 50
4:47.96 JOEL WILSON 48	35.31 CLAY KOLAR 48	5:40.02 STEVE MCELTRATH 47	21:58.45 DANIEL SULLIVAN 50
	35.40 JOHN MEADE 45		

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

22:25.09 DOUGLAS SELBY	52	28.39 JOEL BURNS	51	1:03.85 JERRY CLARK	59	200 M. BACKSTROKE	
22:26.87 KIRK CHIAPELLA	50	29.64 JAMES ELDER	54	1:04.69 MIKE FRESHLEY	56	2:39.36 STEVEN THRASHER	97
22:38.42 DAVID QUIGGIN	52	30.07 DANIEL ROGACKI	50	1:04.80 JAMES KRUEGER	58	2:39.36 STEVEN THRASHER	55
• 50 M. BACKSTROKE		30.19 HUGH WILDER	50	1:06.30 ALLAN CARTWRIGHT	55	2:41.20 EDWARD CAZALET	55
30.63 HUGH WILDER	97	30.24 CHARLES NIELSEN	51	1:06.60 DAVID HARRISON	59	2:53.09 RICHARD BASSI	56
30.63 HUGH WILDER	50	30.43 JAMES BEGLINGER	50	1:06.69 ROBERT WILLIAMS	55	2:53.46 JERRY GLANCY	59
31.30 RICK CLEWIS	52	30.52 BRIAN FOSS	54	• 200 M. FREESTYLE		2:55.41 GEORGE QUIGLEY	57
31.57 TIM BIRNIE	51	30.56 BRYAN RATHKE	54	2:17.63 JEFF FARRELL	94	2:56.44 HUGH RODDIN	55
32.37 DANIEL ROGACKI	50	30.83 CHUCK GANTNER	52	2:17.67 JACK GEOGHEGAN	55	2:57.35 PETER BETZER	55
32.49 DAVID KERR	50	• 100 M. BUTTERFLY		2:20.58 EDWARD CAZALET	55	3:02.35 JOHN SMITH	59
33.31 CHUCK GANTNER	52	1:05.76 JOEL BURNS	97	2:22.62 BRUCE CLARK	55	3:02.82 LEE BETTIS	59
33.76 ROBERT SMITH	54	1:05.76 JOEL BURNS	51	2:22.96 DAVID HARRISON	59	3:03.54 ROLFFS PINKERTON	58
33.88 JAMES BEGLINGER	51	1:07.03 JOHN CALVERT	51	2:25.67 JERRY CLARK	59	• 50 M. BREASTSTROKE	
34.44 DONALD GALINE	51	1:07.82 ROBERT POILETMAN	53	2:28.71 MIKE FRESHLEY	56	34.20 JOHN KORTHEUER	88
34.77 JAMES KING	50	1:09.70 KEEFE LODWIG	53	2:29.55 STEVEN THRASHER	55	37.47 CAPPY SHEELEY	55
• 100 M. BACKSTROKE		1:10.05 STEVE CLARK	54	2:30.90 LAWRENCE NORDELL	56	37.57 PETER BETZER	55
1:07.16 HUGH WILDER	97	1:10.14 BRIAN FOSS	54	2:35.35 MEL GOLDSTEIN	58	37.88 RICHARD OLDEN	55
1:07.16 HUGH WILDER	50	1:11.92 PAUL HEBERT	51	2:35.46 MURRAY MC LACHLAN	56	38.15 BRUCE CLARK	55
1:08.66 TIM BIRNIE	51	1:12.85 JAMES ELDER	54	• 400 M. FREESTYLE		38.23 TOM WINTERS	57
1:10.37 JOHN CALVERT	51	1:13.73 DOUGLAS SANDERS	50	4:53.53 JACK GEOGHEGAN	97	38.34 JAMES KRUEGER	58
1:11.79 DANIEL ROGACKI	50	1:14.08 BARRY RICH	50	4:53.53 JACK GEOGHEGAN	55	38.63 T.(TEX) HARASZTI	56
1:13.85 JAMES KING	50	• 200 M. BUTTERFLY		5:03.24 EDWARD CAZALET	55	39.52 JIM PERILMAN	58
1:15.07 JAMES BEGLINGER	51	2:33.79 BILL YORZYK	83	5:06.20 DAVID HARRISON	59	39.53 PATRICK MADDEN	56
1:16.24 ROBERT SMITH	54	2:34.39 ROBERT POILETMAN	53	5:16.15 STEVEN THRASHER	55	39.81 MIKE FRESHLEY	56
1:16.61 PAUL HEBERT	51	2:43.56 JOEL BURNS	51	5:21.32 BRUCE CLARK	55	• 100 M. BREASTSTROKE	
1:17.48 DONALD GALINE	51	2:54.03 JOHN SULTAN	50	5:26.26 ROBERT WILLIAMS	55	1:17.87 JOHN KORTHEUER	88
1:17.65 STEVE CLARK	54	2:58.38 ULRICH KLINKE	53	5:29.87 JERRY CLARK	59	1:25.45 PETER BETZER	55
• 200 M. BACKSTROKE		2:59.19 BARRY RICH	50	5:31.11 MEL GOLDSTEIN	58	1:27.22 RICHARD OLDEN	55
2:29.35 TIM BIRNIE	97	2:59.94 JAMES ELDER	54	5:33.46 MIKE FRESHLEY	56	1:27.22 MIKE LAUX	55
2:29.35 TIM BIRNIE	51	3:01.40 FRANCIS DANN	50	5:34.15 STEVEN KOVARY	55	1:29.46 MIKE FRESHLEY	56
2:31.97 JOHN CALVERT	51	3:03.47 PAULO FIGUEIREDO	51	• 800 M. FREESTYLE		1:29.54 DOUG MESSINEO	56
2:33.20 HUGH WILDER	50	3:06.62 WILLIAM HERZER	50	10:25.67 DRURY GALLAGHER	96	1:29.54 JIM PERILMAN	58
2:44.59 JAMES KING	50	3:10.98 JOHN ZEIGLER	51	10:31.63 EDWARD CAZALET	55	1:29.66 WILLIAM CROWLEY	58
2:45.02 PAUL HEBERT	51	• 200 M. INDIVIDUAL MEDLEY		10:35.77 DAVID HARRISON	59	1:30.17 PATRICK SCHLUP	57
2:46.03 JOSEPH GUIGNON	51	2:28.70 TIMOTHY GARTON	93	10:39.76 JACK GEOGHEGAN	55	1:30.24 KARL WIEDAMANN	58
2:46.12 JOHN SULTAN	50	2:29.01 JOHN CALVERT	51	10:54.59 STEVEN THRASHER	55	1:30.39 ROBERT WILLIAMS	55
2:47.15 DANIEL ROGACKI	50	2:30.47 PETER WISNER	50	11:00.04 T.(TEX) HARASZTI	56	• 200 M. BREASTSTROKE	
2:47.77 JAMES BEGLINGER	50	2:32.19 ROBERT STRAND	51	11:08.78 MEL GOLDSTEIN	58	2:57.21 DRURY GALLAGHER	96
2:49.65 CHRIS JENSEN	50	2:36.49 JOHN SULTAN	50	11:10.53 WILLIAM VAN HORN	58	3:03.12 T.(TEX) HARASZTI	56
• 50 M. BREASTSTROKE		2:39.76 DANIEL ROGACKI	50	11:16.38 ROBERT WILLIAMS	55	3:11.17 ALLAN CARTWRIGHT	55
32.44 DON MCKENZIE	97	2:39.80 JAMES BEGLINGER	50	11:20.68 STEVEN KOVARY	55	3:11.56 MIKE LAUX	55
32.44 DON MC KENZIE	50	2:39.99 WILLIAM GONZALEZ	54	11:28.51 GEORGE MANN	59	3:12.41 PETER BETZER	55
33.52 ROBERT STRAND	51	2:41.55 KENNETH FROST	52	• 1500 M. FREESTYLE		3:14.31 WILLIAM CROWLEY	58
33.53 DANIEL ROGACKI	50	2:44.01 BOB COUCH	50	19:54.72 BURWELL JONES	90	3:15.32 PATRICK SCHLUP	57
33.96 KENNETH FROST	52	2:46.04 BRETT SORGE	50	21:29.43 STEVEN KOVARY	55	3:15.74 ROBERT WILLIAMS	55
34.61 ROD CARGILL	50	• 400 M. INDIVIDUAL MEDLEY		22:11.30 GEORGE MANN	59	3:16.94 RICHARD OLDEN	55
35.05 SCOTT GUTHRIE	52	5:20.78 JOHN CLAVERT	96	22:11.68 ROBERT WILLIAMS	55	3:17.02 MIKE FRESHLEY	56
35.43 G. PAUL MENYHARTH	50	5:26.11 JOHN CALVERT	51	22:12.11 PATRICK SCHLUP	57	3:24.28 DOUG MESSINEO	56
36.91 PHILIP NEUJAHN	53	5:36.39 WILLIAM GONZALEZ	54	22:20.55 ALAN SUMMERS	55	• 50 M. BUTTERFLY	
36.98 HARRY NILES JR.	52	5:46.00 JOHN SULTAN	50	22:41.52 MURRAY MC LACHLAN	56	29.51 RICHARD BASSI	97
37.08 T.VEEN	52	5:50.30 DANIEL ROGACKI	50	22:46.62 KENT PRICE	59	29.51 RICHARD BASSI	56
• 100 M. BREASTSTROKE		5:53.53 BRETT SORGE	50	22:51.10 ROBERT TESCH	56	30.15 CAPPY SHEELEY	55
1:12.32 DON MCKENZIE	97	5:56.98 BOB COUCH	50	23:49.77 JIM MYERBERG	55	30.70 JACK GEOGHEGAN	55
1:12.32 DON MC KENZIE	50	6:02.00 JAMES BEGLINGER	51	23:52.99 BILL RODENFELS	55	30.81 ROBERT WILLIAMS	55
1:14.45 ROBERT STRAND	51	6:08.54 HOP BAILEY	50	• 50 M. BACKSTROKE		31.40 JOHN SMITH	58
1:16.36 PETER WISNER	50	6:14.48 ANDREW MC PHERSON	50	32.36 JACK GEOGHEGAN	97	31.53 CEDOMIR ZLATIC	56
1:16.91 KENNETH FROST	52	6:15.85 WILLIAM HERZER	50	32.36 JACK GEOGHEGAN	55	31.60 K. NOVELL	55
1:16.99 DANIEL ROGACKI	50			34.02 RICHARD BASSI	56	32.15 MIKE FRESHLEY	56
1:18.53 ROD CARGILL	50	MEN 55-59		34.03 CEDOMIR ZLATIC	56	32.29 JAMES SHAW	56
1:19.12 WILLIAM GONZALEZ	54	• 50 M. FREESTYLE		34.60 JOHN SMITH	58	32.34 BRUCE CLARK	55
1:22.22 SCOTT GUTHRIE	52	27.08 JEFF FARRELL	95	34.64 STEVEN THRASHER	55	• 100 M. BUTTERFLY	
1:22.72 T.VEEN	52	27.60 BRUCE CLARK	55	34.82 GEORGE QUIGLEY	56	1:09.27 ROBERT PROEBSTING	94
1:22.80 PHILLIP WHITTEN	53	27.76 JACK GEOGHEGAN	55	36.13 PETER BETZER	55	1:10.10 JACK GEOGHEGAN	55
• 200 M. BREASTSTROKE		28.16 RICHARD BASSI	56	36.50 DAVID GILLANDERS	58	1:11.79 CAPPY SHEELEY	55
2:40.57 ROBERT STRAND	96	28.34 JERRY CLARK	59	36.95 BRUCE CLARK	55	1:13.19 ALLAN CARTWRIGHT	55
2:45.85 ROBERT STRAND	51	28.53 JOHN SMITH	59	37.15 JAMES SHAW	56	1:14.79 DAVID GILLANDERS	58
2:49.13 DANIEL ROGACKI	50	28.70 JAMES KRUEGER	58	• 100 M. BACKSTROKE		1:15.45 HUGH RODDIN	55
2:50.12 PETER WISNER	50	28.78 MIKE FRESHLEY	56	1:12.30 STEVEN THRASHER	97	1:16.93 TIM TIMKEN	58
2:50.44 WILLIAM GONZALEZ	54	29.54 ROLFFS PINKERTON	58	1:12.30 STEVEN THRASHER	55	1:17.44 STEVEN THRASHER	55
2:51.88 KENNETH FROST	52	29.67 WILLIAM VAN HORN	58	1:15.61 EDWARD CAZALET	55	1:18.79 MEL GOLDSTEIN	58
2:53.35 ROD CARGILL	50	29.71 WILLIAM CLAERHOUT	57	1:16.58 BRUCE CLARK	55	1:20.45 MIKE LAUX	55
3:04.12 T.VEEN	52	• 100 M. FREESTYLE		1:16.69 RICHARD BASSI	56	1:21.68 BRUCE CLARK	55
3:04.17 JOHN SULTAN	50	59.82 JACK GEOGHEGAN	97	1:20.36 PETER BETZER	55	• 200 M. BUTTERFLY	
3:04.75 ROBERT POILETMAN	53	59.82 JACK GEOGHEGAN	55	1:20.74 JACK GEOGHEGAN	55	2:48.05 ROBERT PROEBSTING	94
3:05.37 PAUL HENNE	51	1:02.17 BRUCE CLARK	55	1:20.78 GEORGE QUIGLEY	57	3:01.62 LAWRENCE NORDELL	56
• 50 M. BUTTERFLY		1:03.34 EDWARD CAZALET	55	1:21.01 HUGH RODDIN	55	3:04.23 MEL GOLDSTEIN	58
27.74 KEEFE LODWIG	96	1:03.40 RICHARD BASSI	56	1:21.30 DAVID GILLANDERS	58	3:05.09 HUGH RODDIN	55
28.37 KEEFE LODWIG	54			1:22.20 LEE BETTIS	59	3:09.02 CAPPY SHEELEY	55



# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

3:09.30 TIM TIMKEN 58	5:51.00 JERRY CLARK 60	1:28.19 DICK PETERSON 60	7:08.11 A. EMORY HAWORTH 61
3:12.86 DAVID GILLANDERS 58	5:53.58 EMORY HAWORTH 61	1:28.65 JACK HALLIDAY 60	7:13.84 JOEL JACOBS 61
3:25.63 PATRICK MADDEN 56	5:54.33 DICK PETERSON 60	1:30.02 BOB BEST 64	7:46.22 NICHOLAS BERENYI 64
3:31.56 JIM PERILMAN 58	* 800 M. FREESTYLE	1:30.91 BOB JOHNSTON 60	7:46.71 ROBERT FOX 60
3:52.25 DOUGLAS SHEARER 56	10:34.02 GRAHAM JOHNSTON 95	1:31.11 EMORY HAWORTH 61	
3:56.66 STEVEN KOVARY 55	10:59.28 DAVID RADCLIFF 63	1:32.15 JOEL JACOBS 61	MEN 65-69
* 200 M. INDIVIDUAL MEDLEY	11:53.79 ERNIE LESKOVITZ 60	1:32.24 SHERRILL MARTIN 60	* 50 M. FREESTYLE
2:39.32 EDWARD CAZALET 97	12:09.23 A. EMORY HAWORTH 61	1:32.78 RAY BELLEM 60	29.17 PETER POWLISON 87
2:39.32 EDWARD CAZALET 55	12:11.24 LAWRENCE COHEN 62	1:34.16 STAN MORNER 62	30.34 CHUCK BALDWIN 67
2:39.40 BRUCE CLARK 55	12:14.26 BARRY FASBENDER 60	* 200 M. BREASTSTROKE	30.55 PHILIP CHAPMAN 65
2:44.51 CAPPY SHEELEY 55	12:21.83 BILL KING 64	3:06.87 BOB PATTEN 95	30.88 RON JOHNSON 65
2:49.32 ALLAN CARTWRIGHT 55	12:24.19 BILL ROBERTSON 61	3:11.96 BOB PATTEN 63	31.31 DICK WEBBER 68
2:52.58 ROBERT WILLIAMS 55	12:39.19 ARTHUR WELCH 64	3:12.42 JACK HALLIDAY 60	31.61 DONALD BAKER 66
2:52.67 MURRAY MC LACHLAN 56	12:48.84 JAMES JOHNSEN 62	3:15.48 DICK PETERSON 60	31.72 DONALD SONIA 67
2:54.26 MEL GOLDSTEIN 58	13:09.27 KONRAD EULER DR. 61	3:23.65 JOEL JACOBS 61	32.01 BOB CONGELLIERE 68
2:54.78 MIKE FRESHLEY 56	* 1500 M. FREESTYLE	3:27.49 BOB BEST 64	32.18 ROBERT HERITIER 69
2:55.01 TOM WINTERS 57	20:04.73 GRAHAM JOHNSTON 95	3:28.98 BARRY FASBENDER 60	32.36 KENNETH KIMBALL 66
2:57.09 ERIC JENSEN 55	21:42.21 DAVID RADCLIFF 63	3:30.96 BOB JOHNSTON 60	32.37 GRAHAM JOHNSTON 66
* 400 M. INDIVIDUAL MEDLEY	22:37.08 LARRY GOOD 63	3:33.31 JAMES JOHNSEN 62	
5:44.49 EDWARD CAZALET 97	23:10.62 A. EMORY HAWORTH 61	3:36.88 DICK SLAWSON 61	* 100 M. FREESTYLE
5:44.49 EDWARD CAZALET 55	23:40.99 BARRY FASBENDER 60	3:37.54 DOUG HOLMES 61	1:05.09 GRAHAM JOHNSTON 97
5:46.48 ALLAN CARTWRIGHT 55	23:45.12 LAWRENCE COHEN 62	* 50 M. BUTTERFLY	1:05.09 GRAHAM JOHNSTON 66
6:12.11 CAPPY SHEELEY 55	24:05.80 JOHN WEISER 62	31.39 WALLY DOBLER 94	1:08.22 RON JOHNSON 65
6:19.26 ROBERT WILLIAMS 55	24:12.01 ARTHUR WELCH 64	30.61 BOB BAILIE 61NV	1:09.42 CHUCK BALDWIN 67
6:26.82 MEL GOLDSTEIN 58	25:04.74 BILL EARLEY 60	32.65 BILL ROBERTSON 61	1:09.87 DONALD BAKER 66
6:29.15 HUGH RODDIN 55	25:17.21 BILL ROBERTSON 61	33.40 CAV CAVANAUGH 61	1:11.67 PHILIP CHAPMAN 65
6:30.40 MURRAY MC LACHLAN 56	25:55.83 JOHN BLECK 64	34.27 A. EMORY HAWORTH 61	1:12.96 JOHN RIES 65
6:30.67 TIM TIMKEN 58	* 50 M. BACKSTROKE	34.55 MIKE TSCHIRRET 61	1:13.38 DONALD SONIA 67
6:40.09 GEORGE QUIGLEY 57	33.13 YOSHI OYAKAWA 94	34.57 BILL EARLEY 60	1:13.73 DICK WEBBER 68
6:40.52 WILLIAM CROWLEY 58	35.13 BILL EARLEY 60	35.54 CLARKE MITCHELL 64	1:14.14 WILLIAM IRWIN 69
	35.64 JACK BEATTIE 62	35.93 BOB BEST 64	1:14.18 DAVE ANDERSON 65
MEN 60-64	36.35 DAVID MCINTYRE 60	36.11 WILLIAM LAUER 62	* 200 M. FREESTYLE
* 50 M. FREESTYLE	37.18 MARSHALL GREER 60	36.12 ERNIE LESKOVITZ 60	2:22.18 GRAHAM JOHNSTON 96
27.86 DONALD HILL 92	38.01 DONALD BROWN 64	36.12 BOB PATTEN 63	2:22.34 GRAHAM JOHNSTON 66
28.41 JEFF FARRELL 60	38.59 D BARR CLAYSON 62	* 100 M. BUTTERFLY	2:47.19 HERB KERN 65
28.72 BOB BAILIE 61	38.70 CLARKE MITCHELL 64	1:14.98 WALLY DOBLER 94	2:50.22 WILLIAM IRWIN 69
28.75 CAV CAVANAUGH 61	39.27 ALAN RAPPERPORT 63	1:17.41 ERNIE LESKOVITZ 60	2:51.63 DAVE ANDERSON 65
29.15 JERRY CLARK 60	39.35 AMAR LATHI 61	1:19.85 WILLIAM LAUER 62	2:52.55 DONALD BAKER 66
29.47 BILL EARLEY 60	39.87 BOB BAILIE 61	1:21.93 BOB PATTEN 63	2:53.26 DONALD SONIA 67
29.64 WILLIAM ROBERTSON 61	* 100 M. BACKSTROKE	1:22.18 BARRY FASBENDER 60	2:54.45 ROGER CAMPBELL 67
30.00 DAVID RADCLIFF 63	1:14.72 YOSHI OYAKAWA 94	1:23.48 EMORY HAWORTH 61	2:55.69 HORACE KNOWLTON 68
30.27 JACK BEATTIE 62	1:18.56 JACK BEATTIE 62	1:27.68 MIKE TSCHIRRET 61	2:57.41 FRED LEHMAN 66
30.32 DAVID MCINTYRE 60	1:19.75 DONALD BROWN 64	1:28.06 CLARKE MITCHELL 64	2:58.40 FRED TRASK 69
30.72 BOB JOHNSTON 60	1:21.56 BILL EARLEY 60	1:32.16 STAN MORNER 62	* 400 M. FREESTYLE
* 100 M. FREESTYLE	1:26.36 ALAN RAPPERPORT 63	1:32.97 CAV CAVANAUGH 61	5:03.36 GRAHAM JOHNSTON 96
1:01.43 JEFF FARRELL 97	1:26.62 CLARKE MITCHELL 64	1:33.18 AMAR LATHI 61	5:06.13 GRAHAM JOHNSTON 66
1:01.43 JEFF FARRELL 60	1:27.04 BILL ROBERTSON 61	* 200 M. BUTTERFLY	6:05.93 ROBERT HERITIER 69
1:04.49 CAV CAVANAUGH 61	1:27.05 DICK PETERSON 60	3:00.99 JOHN MASTERS 90	6:06.51 KENNETH KIMBALL 66
1:05.08 DAVID RADCLIFF 63	1:28.72 DREN GEER 63	3:18.82 MIKE TSCHIRRET 61	6:07.34 DAVE ANDERSON 65
1:05.25 BOB BAILIE 61	1:31.62 BARRY FASBENDER 60	3:22.31 BARRY FASBENDER 60	6:11.05 ROGER CAMPBELL 67
1:05.40 BILL ROBERTSON 61	1:32.42 AMAR LATHI 61	3:22.65 A. EMORY HAWORTH 61	6:18.47 DONALD SONIA 67
1:05.52 JERRY CLARK 60	* 200 M. BACKSTROKE	3:37.39 AMAR LATHI 61	6:21.04 FRED LEHMAN 66
1:08.41 JACK BEATTIE 62	2:45.93 DON BROWN 93	3:37.83 BOB BEST 64	6:29.12 CHARLES KOHNKEN 65
1:09.14 BILL EARLEY 60	2:53.66 DONALD BROWN 64	3:39.30 CHARLES MAAS 63	6:32.10 FRED TRASK 69
1:10.15 MIKE TSCHIRRET 61	2:53.68 JACK BEATTIE 62	3:43.52 SAM CHILTON 62	6:34.25 WILLIAM IRWIN 69
1:10.64 SIDNEY HALL 61	3:01.77 JACK HALLIDAY 60	3:44.30 LARRY GOOD 63	* 800 M. FREESTYLE
* 200 M. FREESTYLE	3:07.54 LARRY GOOD 63	3:44.47 ROBERT FOX 60	10:29.26 GRAHAM JOHNSTON 97
2:21.70 JEFF FARRELL 97	3:08.17 BILL EARLEY 60	4:01.89 NICHOLAS BERENYI 64	10:29.26 GRAHAM JOHNSTON 66
2:21.70 JEFF FARRELL 60	3:10.13 CLARKE MITCHELL 64	* 200 M. INDIVIDUAL MEDLEY	12:41.35 ROGER CAMPBELL 67
2:25.71 BILL ROBERTSON 61	3:12.76 ALAN RAPPERPORT 63	2:50.08 GRAHAM JOHNSTON 93	12:50.90 KENNETH KIMBALL 66
2:27.91 CAV CAVANAUGH 61	3:15.85 DICK PETERSON 60	2:54.65 JACK BEATTIE 62	12:56.26 ROBERT HERITIER 69
2:28.19 DAVID RADCLIFF 63	3:16.19 DREN GEER 63	2:55.92 BILL ROBERTSON 61	13:14.42 CHARLES KOHNKEN 65
2:30.87 ERNIE LESKOVITZ 60	3:22.66 BARRY FASBENDER 60	2:58.25 DICK PETERSON 60	13:36.66 FRANK REYNOLDS 65
2:31.23 JERRY CLARK 60	* 50 M. BREASTSTROKE	2:59.22 BILL EARLEY 60	13:38.10 FRED TRASK 69
2:37.24 MIKE TSCHIRRET 61	35.91 JOHN KORTHEUER 91	3:01.49 EMORY HAWORTH 61	13:42.69 FARRELL DEVLIN 69
2:38.61 WILLIAM LAUER 62	37.99 BOB PATTEN 63	3:01.54 JACK HALLIDAY 60	14:11.68 JOHN DAILY 69
2:40.09 LAWRENCE COHEN 62	39.06 BOB JOHNSTON 60	3:01.78 DONALD BROWN 64	14:18.01 W MORGAN BYERS 69
2:41.57 BILL EARLEY 60	39.41 BOB BEST 64	3:08.75 BOB BEST 64	* 1500 M. FREESTYLE
* 400 M. FREESTYLE	39.87 MILTON GEE 60	3:09.24 WILLIAM LAUER 62	20:16.54 GRAHAM JOHNSTON 96
5:02.70 GRAHAM JOHNSTON 91	39.88 STAN MORNER 62	3:10.77 LARRY GOOD 63	21:13.06 GRAHAM JOHNSTON 66
5:18.36 DAVID RADCLIFF 63	39.99 RAY BELLEM 60	* 400 M. INDIVIDUAL MEDLEY	24:10.76 ROGER CAMPBELL 67
5:31.67 BILL ROBERTSON 61	40.30 JACK HALLIDAY 60	6:04.99 GRAHAM JOHNSTON 91	25:33.37 FRANK REYNOLDS 65
5:32.68 ERNIE LESKOVITZ 60	40.68 JOEL JACOBS 61	6:37.34 DICK PETERSON 60	25:38.44 JOHN ALLEVA 69
5:41.43 CAV CAVANAUGH 61	40.76 D BARR CLAYSON 62	6:45.59 LARRY GOOD 63	25:39.25 STEPHEN MULLINS 65
5:45.99 LARRY GOOD 63	40.81 DICK PETERSON 60	6:57.22 BARRY FASBENDER 60	26:03.09 CHARLES KOHNKEN 65
5:46.16 WILLIAM LAUER 62	* 100 M. BREASTSTROKE	6:58.93 BOB BEST 64	26:26.57 FRED TRASK 68
5:47.97 LAWRENCE COHEN 62	1:21.58 JOHN KORTHEUER 91	7:06.40 ALAN RAPPERPORT 63	26:45.34 W MORGAN BYERS 69
	1:26.92 BOB PATTEN 63	7:06.88 JAMES JOHNSEN 62	26:46.55 JORDAN WOLLE 69

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

27:04.01 ROBERT KUENY 66	36.25 WILLIAM IRWIN 69	1:23.97 DONALD HUBBARD 70	3:04.42 ROGER FRANKS 70
• 50 M. BACKSTROKE	36.39 CLARKE MITCHELL 65	1:24.38 JURGEN SCHMIDT 74	3:16.58 FLOYD ELIOTT 70
35.47 GEORGE GANDSEY 89	37.50 DICK WEBBER 68	1:24.60 PAUL HUTINGER 72	3:22.15 PAUL HUTINGER 72
36.88 RON JOHNSON 65	37.58 DONALD SONIA 67	1:25.16 FRANK CAMPBELL 71	3:27.67 WILLIAM HAYNES 71
38.35 CLARKE MITCHELL 65	37.66 GRAHAM JOHNSTON 66	• 200 M. FREESTYLE	3:37.75 LOU SILVERSTEIN 71
38.99 CHUCK BALDWIN 67	37.78 STAN MC CONNELL 65	2:38.43 FRANK PIEMME 96	3:39.68 LEE ARTH 72
39.06 HORACE KNOWTON 67	38.40 DONALD BAKER 66	2:45.42 FRANK PIEMME 72	3:40.18 LUMAN SUTTON 70
39.10 GRAHAM JOHNSTON 66	• 100 M. BUTTERFLY	3:07.42 ROBERT BLAKE 72	3:45.89 THOMAS MAINE 72
40.08 RICHARD BENNETT 66	1:20.59 JOSEPH KURTZMAN 92	3:09.24 JURGEN SCHMIDT 74	3:47.64 DALE WEBSTER 71
40.17 C. DENNY SAUNDERS 65	1:22.40 RON JOHNSON 65	3:12.15 LEE ARTH 72	3:49.02 SAMUEL FOSTER 72
40.36 PETER VAN DIJK 68	1:27.37 HERB KERN 65	3:12.81 JOHN WOODS 73	• 50 M. BREASTSTROKE
40.88 ROBERT WEDDELL 66	1:29.49 CLARKE MITCHELL 65	3:14.36 JAMES EDWARDS 74	40.77 BARTON GREENBERG 95
41.07 STAN MC CONNELL 65	1:30.77 GRAHAM JOHNSTON 66	3:15.67 LUMAN SUTTON 70	42.41 JOSEPH KURTZMAN 71
• 100 M. BACKSTROKE	1:32.14 DONALD BAKER 66	3:16.73 FLOYD ELIOTT 70	45.12 MORRIS MATTHEWS 70
1:20.74 ROGER FRANKS 92	1:36.21 WILLIAM IRWIN 69	3:19.61 LOU SILVERSTEIN 70	45.50 MATT FLANAGAN 71
1:23.25 GRAHAM JOHNSTON 66	1:36.27 MIKE TORSNEY 67	3:20.53 MORRIS MATTHEWS 70	46.26 PAUL HUTINGER 72
1:23.81 HORACE KNOWLTON 68	1:37.87 ROBERT MACDONALD 68	• 400 M. FREESTYLE	46.81 ARNIE FORMO 70
1:26.44 CLARKE MITCHELL 65	1:43.75 DUDLEY TARLTON 67	5:48.08 FRANK PIEMME 95	47.12 DONALD HUBBARD 70
1:29.26 PETER VAN DIJK 68	1:43.77 DONALD MESSER 66	5:58.89 ROGER FRANKS 70	47.79 LAWRENCE GALLAHER 72
1:30.15 RICHARD BENNETT 66	• 200 M. BUTTERFLY	6:21.15 WIN WILSON 70	48.14 ABRASHA BRAININ 74
1:30.27 KENNETH KIMBALL 66	3:08.79 JOSEPH KURTZMAN 91	6:49.51 LOU SILVERSTEIN 71	48.86 NORMAN GARSOE 73
1:31.48 STAN MC CONNELL 65	3:22.32 HERB KERN 65	6:50.65 MORRIS MATTHEWS 70	49.20 GEORGE ERSWELL 70
1:32.67 GORDON GILLIN 66	3:45.32 HERBERT NAKAMA 67	6:51.49 ROBERT BLAKE 72	• 100 M. BREASTSTROKE
1:33.70 ROBERT WEDDELL 66	3:49.14 MIKE TORSNEY 67	6:53.70 JAMES EDWARDS 74	1:33.20 BENNETT ALLEN 84
1:34.00 THOMAS KOENIG 65	3:59.04 ROBERT KUENY 66	6:54.14 JURGEN SCHMIDT 74	1:39.58 MORRIS MATTHEWS 70
• 200 M. BACKSTROKE	4:00.68 GORDON GILLIN 66	7:04.01 LUMAN SUTTON 70	1:41.58 FRANK PIEMME 72
2:55.46 ROGER FRANKS 92	4:06.77 ART TEBBENS 67	7:04.14 DOUG STRONG 72	1:43.32 MATT FLANAGAN 71
3:04.21 GRAHAM JOHNSTON 66	4:07.18 PARRY O'BRIEN 65	7:09.61 ELMER LUKE 71	1:44.72 JOSEPH KURTZMAN 71
3:08.36 CLARKE MITCHELL 65	4:08.05 CHARLES KOHNKEN 65	• 800 M. FREESTYLE	1:46.06 PAUL HUTINGER 72
3:10.81 HORACE KNOWLTON 68	4:31.98 DONALD MESSER 66	12:03.73 FRANK PIEMME 95	1:48.64 ARNIE FORMO 70
3:22.40 GORDON GILLIN 66	4:32.76 IRWIN STOLZ 67	12:42.98 WIN WILSON 70	1:48.70 LEE ARTH 72
3:22.40 STAN MC CONNELL 65	• 200 M. INDIVIDUAL MEDLEY	13:40.31 MORRIS MATTHEWS 70	1:49.06 THOMAS MAINE 71
3:22.90 KENNETH KIMBALL 66	2:51.09 GRAHAM JOHNSTON 97	13:47.57 LOU SILVERSTEIN 71	1:50.78 NORMAN GARSOE 73
3:28.58 ALFRED GROH 69	2:51.09 GRAHAM JOHNSTON 66	14:12.60 ROBERT BLAKE 72	1:51.34 JOHN STERN 73
3:29.33 LOU MCCOMAS 65	3:06.65 HERB KERN 65	14:14.40 LEE ARTH 72	• 200 M. BREASTSTROKE
3:36.75 RALPH COXHEAD 69	3:14.74 HORACE KNOWTON 67	14:18.62 JAMES EDWARDS 74	3:30.82 FRANK PIEMME 95
3:38.85 HERB KERN 65	3:19.71 DONALD BAKER 66	14:45.80 JURGEN SCHMIDT 74	3:38.34 MORRIS MATTHEWS 70
• 50 M. BREASTSTROKE	3:21.59 CLARK MITCHELL 65	14:47.18 DOUG STRONG 72	3:38.93 FRANK PIEMME 72
37.32 JOHN KORTHEUER 97	3:24.35 WILLIAM IRWIN 69	14:48.85 PAUL HUTINGER 72	3:58.95 LEE ARTH 72
37.32 JOHN KORTHEUER 66	3:26.74 J.HORN 65	15:08.09 GLYNN JONES 72	4:00.28 LUMAN SUTTON 70
38.95 CHUCK BALDWIN 67	3:29.35 GORDON GILLIN 66	• 1500 M. FREESTYLE	4:00.52 NORMAN GARSOE 73
40.39 RON JOHNSON 65	3:34.57 ROBERT KUENY 66	23:03.23 FRANK PIEMME 95	4:04.06 DONALD HUBBARD 70
41.66 THOMAS KOENIG 65	3:36.04 THOMAS KOENIG 65	23:12.28 ROGER FRANKS 70	4:13.47 JACK MITCHELL 70
41.84 ROBERT MAC DONALD 68	• 400 M. INDIVIDUAL MEDLEY	26:46.67 LEE ARTH 72	4:16.97 LAWRENCE GALLAHER 72
42.16 MYRON LOCKEY 65	6:08.44 GRAHAM JOHNSTON 96	27:32.62 ROBERT BLAKE 72	4:24.09 TOM MC CALL 74
42.24 PHILIP CHAPMAN 65	6:12.00 GRAHAM JOHNSTON 66	27:54.79 JAMES EDWARDS 74	4:27.50 ABRASHA BRAININ 74
43.18 WILLIAM IRWIN 69	6:49.01 HERB KERN 65	27:59.85 JURGEN SCHMIDT 74	• 50 M. BUTTERFLY
43.19 LOU MCCOMAS 65	7:08.29 HORACE KNOWLTON 68	28:05.51 LOU SILVERSTEIN 71	33.79 FRANK PIEMME 96
43.31 GRAHAM JOHNSTON 66	7:36.16 MIKE TORSNEY 67	29:20.07 RICHARD DANIEL 71	35.82 JOSEPH KURTZMAN 71
• 100 M. BREASTSTROKE	7:37.41 GORDON GILLIN 66	31:10.89 WARREN FOSTER 72	36.50 FRANK PIEMME 72
1:26.19 JOHN KORTHEUER 96	7:40.81 ROBERT KUENY 66	31:58.85 TOM MC CALL 74	36.72 DONALD HUBBARD 70
1:26.44 JOHN KORTHEUER 66	7:47.94 HERBERT NAKAMA 67	33:15.20 AL ROGERSON 72	38.17 THOMAS SMITH 70
1:30.51 RON JOHNSON 65	7:48.42 CHARLES KOHNKEN 65	• 50 M. BACKSTROKE	40.07 MATT FLANAGAN 71
1:34.28 CHUCK BALDWIN 67	8:03.60 MILTON MARKS 67	37.10 PAUL HUTINGER 95	41.59 JACK MITCHELL 70
1:34.72 THOMAS KOENIG 65	8:14.49 ROBERT CUNNINGHAM 69	39.22 PAUL HUTINGER 72	41.73 LUMAN SUTTON 70
1:35.91 ROBERT MACDONALD 68		40.06 FLOYD ELIOTT 70	41.89 PAUL HUTINGER 72
1:39.07 MYRON LOCKEY 65	MEN 70-74	40.16 THOMAS SMITH 70	42.80 THOMAS MAINE 71
1:39.89 MO MATHEWS 69	• 50 M. FREESTYLE	40.16 FRANK CAMPBELL 71	• 100 M. BUTTERFLY
1:40.96 F.H. TED HAARTZ 69	29.35 KELLEY LEMMON 84	41.36 WILLIAM HAYNES 71	1:24.84 JOSEPH KURTZMAN 96
1:41.28 ALBERT SCHELL 65	30.94 FRANK PIEMME 72	42.63 DALE WEBSTER 71	1:29.49 JOSEPH KURTZMAN 71
1:42.23 DANIEL GRUENDER 67	32.18 HERB MCCAULEY 74	43.15 JOHN MURPHY 72	1:34.32 THOMAS SMITH 70
• 200 M. BREASTSTROKE	33.01 PAUL HUTINGER 72	43.28 FRANK PIEMME 72	1:35.81 THOMAS MAINE 71
3:17.13 JOHN KORTHEUER 96	33.40 DONALD HUBBARD 70	44.94 MATT FLANAGAN 71	1:39.27 DONALD HUBBARD 70
3:19.86 JOHN KORTHEUER 66	33.99 ROBERT BLAKE 72	44.94 JACK TRUBY 72	1:42.92 MORRIS MATTHEWS 70
3:33.87 ROBERT MACDONALD 68	34.52 HARRY ALBINGER 70	• 100 M. BACKSTROKE	1:44.33 JACK MITCHELL 70
3:35.65 HORACE KNOWLTON 68	35.34 JACK TRUBY 72	1:24.14 PAUL HUTINGER 95	1:46.76 ART KELLEY 71
3:38.09 J.HORN 65	35.67 JOHN MURPHY 72	1:24.49 ROGER FRANKS 70	1:51.00 LUMAN SUTTON 70
3:40.91 F.H. TED HAARTZ 69	35.73 JURGEN SCHMIDT 74	1:28.13 FLOYD ELIOTT 70	1:55.63 BRUNO WEBER 70
3:44.30 HERB KERN 65	36.08 THOMAS SMITH 70	1:28.77 PAUL HUTINGER 72	1:55.89 DALE WEBSTER 71
3:45.58 MO MATHEWS 69	• 100 M. FREESTYLE	1:30.06 THOMAS SMITH 70	• 200 M. BUTTERFLY
3:45.60 ALAN MALONEY 68	1:10.16 FRANK PIEMME 95	1:31.24 FRANK CAMPBELL 71	3:26.05 JOSEPH KURTZMAN 96
3:46.10 KENNETH FLYNN 67	1:12.02 FRANK PIEMME 72	1:33.39 WILLIAM HAYNES 71	3:40.85 JOSEPH KURTZMAN 71
3:49.26 THOMAS KOENIG 65	1:18.05 ROBERT BLAKE 72	1:35.93 DALE WEBSTER 71	4:03.35 LEE ARTH 72
• 50 M. BUTTERFLY	1:20.51 THOMAS SMITH 70	1:39.09 JOHN MURPHY 72	4:09.71 ART KOBLISH 73
33.16 RONALD JOHNSON 96	1:20.80 HARRY ALBINGER 70	1:39.39 MATT FLANAGAN 71	4:20.42 LUMAN SUTTON 70
33.31 RON JOHNSON 65	1:21.94 JOHN MURPHY 72	1:40.56 LUMAN SUTTON 70	4:23.20 LOU SILVERSTEIN 71
34.43 HERB KERN 65	1:23.89 JOHN WOODS 73	• 200 M. BACKSTROKE	4:23.86 BRUNO WEBER 70
34.76 CHUCK BALDWIN 67		3:04.42 ROGER FRANKS 97	4:33.78 ART KELLEY 71

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

4:41.72 FRED ECKHARDT	71	• 800 M. FREESTYLE	79	1:56.85 PAUL KRUP	79	1:26.88 WOODROW BOWERSOCK	83
4:51.95 ALEX MCINTOSH	73	12:58.14 RAY TAFT	95	1:58.93 WILLIAM BROCK	75	1:27.92 JIM EUBANK	81
5:11.27 DOUG STRONG	72	14:08.80 RAYMOND TAFT	77	2:00.95 EARL WALTER	76	1:29.27 PETE OKUMOTO	81
• 200 M. INDIVIDUAL MEDLEY		14:33.84 GILBERT YOUNG	75	2:03.03 BUD JACKSON	78	1:30.16 OBEL JAMES	82
3:08.99 FRANK PIEMME	96	14:52.38 FRED TAIOLI	76	2:04.40 WALLACE SAWHILL	77	1:38.61 AL VANDERWEGHE	80
3:18.21 ROGER FRANKS	70	15:00.40 RICHARD SMITH	77	• 200 M. BREASTSTROKE		1:41.97 LYNN SURLS	80
3:20.04 THOMAS SMITH	70	17:23.61 JOHN CRANCH	75	3:42.85 ALDO DA ROSA	94	1:42.47 HARRY BARTLETT	81
3:21.27 FRANK PIEMME	72	17:34.76 LOUIS GIBERSON	76	3:57.75 ALDO DA ROSA	79	1:43.19 HAROLD SEXTON	82
3:31.21 MORRIS MATTHEWS	70	17:35.45 WILLIAM BROCK	75	4:16.07 PAUL KRUP	79	1:45.63 EDWARD NAKAMURA	82
3:32.19 LUMAN SUTTON	70	18:19.52 RAYMOND HAKOMAKI	76	4:26.90 BUD JACKSON	78	1:49.22 DES SESSINGHAUS	82
3:39.68 THOMAS MAINE	72	19:35.39 JOSEPH MALLON	76	4:27.01 TOM DOWELL	75	• 200 M. FREESTYLE	
3:40.93 LEE ARTH	72	19:41.81 JOHN WOODS	79	4:31.08 EARL WALTER	76	3:21.59 DEXTER WOODFORD	94
3:41.04 DONALD HUBBARD	70	• 1500 M. FREESTYLE		4:32.09 BRUD CLEVELAND	79	3:22.86 DICK GUIDO	80
3:45.87 JACK MITCHELL	70	24:53.76 RAY TAFT	95	4:42.40 WILLIAM BROCK	75	3:23.42 ROBERT JOHNSTON	80
3:48.06 ART KELLEY	71	27:49.63 GILBERT YOUNG	75	5:01.51 WALTER LYNCH	76	3:28.10 JIM EUBANK	81
• 400 M. INDIVIDUAL MEDLEY		28:06.05 FRED TAIOLI	76	5:23.75 BILL UHRICH	77	3:30.85 PETE OKUMOTO	81
6:52.07 FRANK PIEMME	95	28:58.31 RICHARD SMITH	77	5:29.15 ROBERT STRINGHAM	78	3:38.96 OBEL JAMES	82
7:06.01 ROGER FRANKS	70	33:20.09 JOHN CRANCH	75	• 50 M. BUTTERFLY		3:40.46 WOODROW BOWERSOCK	84
7:47.52 LEE ARTH	72	34:45.24 RAYMOND HAKOMAKI	76	37.57 RAY TAFT	94	3:51.55 EDWARD NAKAMURA	82
8:02.57 LOU SILVERSTEIN	71	37:20.28 JOHN WOODS	79	39.78 ROGERS HOLMES	75	3:52.64 AL VANDERWEGHE	80
8:02.83 LUMAN SUTTON	70	41:55.22 ALBERT CHIPMAN	75	39.82 ANDREW HOLDEN	78	3:53.86 BOB CHRISTIANS	81
8:18.87 BRUNO WEBER	70	43:21.02 JOHN TAYLOR	76	41.21 MAX VON ISSER	77	3:59.94 HAROLD SEXTON	81
8:31.96 DONALD HUBBARD	70	48:19.03 CLIFF EASTWOOD	75	41.69 RAYMOND TAFT	78	• 400 M. FREESTYLE	
8:39.89 JACK MITCHELL	70	• 50 M. BACKSTROKE		46.81 LOUIS GIBERSON	76	7:16.63 PETE OKUMOTO	97
9:03.93 DOUG STRONG	72	39.49 RAY TAFT	94	47.57 PAUL KRUP	79	7:16.63 PETE OKUMOTO	81
9:17.81 ART KELLEY	71	40.56 RAYMOND TAFT	78	51.78 BILL UHRICH	77	7:35.96 DICK GUIDO	80
9:22.87 FRED ECKHARDT	71	42.04 ROGERS HOLMES	75	56.10 WALLACE SAWHILL	77	7:50.55 OBEL JAMES	82
		47.39 BOB MERRICK	77	59.98 BRUD CLEVELAND	79	7:58.44 JIM EUBANK	81
<u>MEN 75-79</u>		49.87 HARRY LIBER	78	1:11.20 ROBERT STRINGHAM	78	8:08.66 EDWARD NAKAMURA	82
		50.91 HERMAN FOREST	76	• 100 M. BUTTERFLY		8:28.25 WOODROW BOWERSOCK	83
• 50 M. FREESTYLE		51.26 JIM CONGER	77	1:39.80 ANTON CERER	92	8:28.51 DEXTER WOODFORD	83
32.50 LYLE COLLET	83	51.97 BILL UHRICH	77	1:45.76 ANDREW HOLDEN	78	8:34.37 HARRY BARTLETT	81
34.57 ROGERS HOLMES	75	51.98 JOHN CRANCH	75	1:54.15 RICHARD SMITH	77	8:47.71 JIM TRIOLO	83
35.29 RAYMOND TAFT	78	52.19 ALLEN HELLMAN	75	1:54.55 RAYMOND TAFT	78	8:55.00 LYNN SURLS	80
36.85 LOU GIBERSON	76	53.56 BRION WINSHIP	79	2:02.48 PAUL KRUP	79	• 800 M. FREESTYLE	
37.62 JIM CONGER	77	• 100 M. BACKSTROKE		2:02.98 HERMAN FOREST	76	15:26.10 ROBERT JOHNSTON	97
37.73 ALDO DA ROSA	79	1:29.52 RAY TAFT	95	2:13.18 WILLIAM JOHNSTON	79	15:26.10 ROBERT JOHNSTON	80
37.91 BRUD CLEVELAND	79	1:30.75 RAYMOND TAFT	78	3:47.65 T.R. JOHNSON	75	15:27.48 DICK GUIDO	80
38.09 WILLIAM JOHNSTON	79	1:33.68 ROGERS HOLMES	75	• 200 M. BUTTERFLY		15:32.78 PETE OKUMOTO	81
39.31 JERRY SIEFERT	79	1:49.40 HARRY LIBER	78	3:43.56 ANTON CERER	92	16:21.80 JIM EUBANK	81
39.81 HERBERT HOEPTNER	75	1:51.52 EARL WALTER	76	4:17.27 RICHARD SMITH	77	16:32.68 EDWARD NAKAMURA	82
40.17 BARNET PHILLIPS	79	1:51.84 BOB MERRICK	77	4:41.61 PAUL KRUP	79	18:02.72 JIM TRIOLO	83
• 100 M. FREESTYLE		1:52.29 JOHN CRANCH	75	5:46.45 WILLIAM JOHNSTON	79	18:49.04 WOODROW BOWERSOCK	84
1:13.84 RAY TAFT	95	1:58.40 ALLEN HELLMAN	75	8:02.21 T.R. JOHNSON	75	19:20.98 DES SESSINGHAUS	82
1:28.18 GILBERT YOUNG	75	2:03.59 BILL UHRICH	77	• 200 M. INDIVIDUAL MEDLEY		19:42.63 HAROLD SEXTON	82
1:28.33 LOU GIBERSON	76	2:04.76 WALTER LYNCH	76	3:24.38 RAY TAFT	94	20:04.11 FRED WALBOLT	84
1:29.42 BOB MERRICK	77	2:08.59 BILL PATTEN	79	3:31.96 RAYMOND TAFT	78	• 1500 M. FREESTYLE	
1:29.77 FRED TAIOLI	76	• 200 M. BACKSTROKE		3:48.07 ALDO DA ROSA	79	28:44.42 ROBERT JOHNSTON	97
1:30.07 BRUD CLEVELAND	79	3:15.00 RAY TAFT	94	4:00.37 RICHARD SMITH	77	28:44.42 ROBERT JOHNSTON	80
1:33.52 HERBERT HOEPTNER	75	3:25.69 RAYMOND TAFT	78	4:18.74 EARL WALTER	76	33:08.41 JOHN MERRILL	80
1:34.63 RAYMOND TAFT	78	3:36.65 ROGERS HOLMES	75	4:44.43 BRUD CLEVELAND	79	34:24.83 JIM TRIOLO	83
1:37.12 EARL WALTER	76	3:53.75 HARRY LIBER	78	4:55.64 BILL UHRICH	77	36:11.50 WOODROW BOWERSOCK	84
1:40.38 BARNET PHILLIPS	79	4:03.39 JOHN CRANCH	75	5:00.32 RICHARD WOOD	75	36:50.55 JOHN JOHNSTON	82
1:42.68 JERRY SIEFERT	79	4:03.72 RAYMOND HAKOMAKI	76	5:01.33 WILLIAM JOHNSTON	79	37:01.76 DAVE MALBROUGH	84
• 200 M. FREESTYLE		4:08.24 EARL WALTER	76	7:11.12 T.R. JOHNSON	75	38:44.03 DES SESSINGHAUS	82
2:51.62 RAY TAFT	95	4:26.87 HERMAN FOREST	76	• 400 M. INDIVIDUAL MEDLEY		39:08.09 FRED WALBOLT	84
3:08.36 RAYMOND TAFT	78	4:27.97 WALTER LYNCH	76	7:21.75 RAY TAFT	95	• 50 M. BACKSTROKE	
3:18.45 FRED TAIOLI	76	4:37.17 ALLEN HELLMAN	75	7:42.64 RAYMOND TAFT	78	44.79 EDWARD SHEA	95
3:18.63 GILBERT YOUNG	75	4:39.59 BILL PATTEN	79	8:10.67 ALDO DA ROSA	79	46.42 EDWARD SHEA	82
3:22.29 BOB MERRICK	77	• 50 M. BREASTSTROKE		10:45.04 WILLIAM JOHNSTON	79	47.38 AL VANDERWEGHE	80
3:27.08 RICHARD SMITH	77	43.61 BENNETT ALLEN	89	14:50.80 T.R. JOHNSON	75	51.08 BOB CHRISTIANS	81
3:30.06 RAYMOND HAKOMAKI	76	45.30 MAX VON ISSER	77			51.83 WOODROW BOWERSOCK	83
3:31.67 LOU GIBERSON	76	45.43 ALDO DA ROSA	79	<u>MEN 80-84</u>		52.74 DAVID MALBROUGH	84
3:35.35 HERBERT HOEPTNER	75	46.90 TOM DOWELL	75	• 50 M. FREESTYLE		56.43 JIM TRIOLO	83
3:46.94 BRUD CLEVELAND	79	48.14 PAUL KRUP	79	33.88 WOODROW BOWERSOCK	93	56.99 FRANK TILLOTSON	82
3:52.14 BARNET PHILLIPS	79	49.01 BOB MERRICK	77	35.26 WOODROW BOWERSOCK	84	59.94 ALBERT FISHER	81
• 400 M. FREESTYLE		49.60 RAYMOND TAFT	78	36.43 JIM EUBANK	81	1:01.99 WILLIAM GRANT	83
6:20.87 RAY TAFT	94	50.45 BRUD CLEVELAND	79	37.27 PETE OKUMOTO	81	1:02.92 DICK BRADFORD	80
6:39.36 RAYMOND TAFT	78	53.11 EARL WALTER	76	37.86 BOB CHRISTIANS	81	• 100 M. BACKSTROKE	
6:59.56 GILBERT YOUNG	75	53.93 WALTER LYNCH	76	38.96 EDWARD NAKAMURA	82	1:41.52 EDWARD SHEA	95
7:09.28 FRED TAIOLI	76	54.30 WALLACE SAWHILL	77	40.00 LYNN SURLS	80	1:42.92 DAVE MALBROUGH	84
7:13.85 RICHARD SMITH	77	• 100 M. BREASTSTROKE		42.05 NED SMITH	81	1:44.40 EDWARD SHEA	82
7:14.33 ALDO DA ROSA	79	1:39.62 ALDO DA ROSA	93	42.11 AL VANDE WEGHE	81	1:46.66 AL VANDERWEGHE	80
7:42.28 RAYMOND HAKOMAKI	76	1:43.16 MAX VON ISSER	77	44.40 HARRY BARTLETT	81	1:53.16 BOB CHRISTIANS	81
7:57.81 ED LAMBERT	76	1:45.93 ALDO DA ROSA	79	44.42 DES SESSINGHAUS	82	2:04.04 OBEL JAMES	82
7:59.81 WILLIAM BROCK	75	1:49.58 BOB MERRICK	77	• 100 M. FREESTYLE		2:04.39 ROBERT JOHNSTON	80
8:01.45 LOU GIBERSON	76	1:54.55 TOM DOWELL	75	1:22.50 WOODROW BOWERSOCK	93	2:07.08 JIM TRIOLO	83
8:17.87 JOHN CRANCH	75	1:56.32 BRUD CLEVELAND	79			2:11.01 ALBERT FISHER	81

# 1997 LONG-COURSE METERS - TOP-TEN INDIVIDUALS

		MEN 85-89			
2:11.43 FRANK TILLOTSON	82			2:20.99 WILLIAM MOLLOY	95
2:14.58 CHARLES O'CONNOR	84			3:10.59 ROY BODINE	86
▪ 200 M. BACKSTROKE		▪ 50 M. FREESTYLE		3:23.97 LARRY HART	85
3:42.95 EDWARD SHEA	95	42.09 FRANK BRASINGTON	93	4:11.56 RICHARD KANE	85
3:47.51 EDWARD SHEA	82	45.81 JESSE COON	86	▪ 200 M. BREASTSTROKE	
4:03.40 AL VANDERWEGHE	80	46.70 CARL LINDSTRAND	85	4:36.86 HAROLD PERRY	96
4:18.18 DICK GUIDO	80	48.77 HARRY POLITES	87	8:11.11 LARRY HART	85
4:33.99 DAVID MALBROUGH	84	50.78 JOE IRVINE	86	▪ 50 M. BUTTERFLY	
4:36.43 JIM TRIOLO	83	53.63 TEX ROBERTSON	88	58.13 JESSE COON	96
4:40.73 OBEL JAMES	82	58.45 RICHARD KANE	85	1:05.97 JESSE COON	86
4:52.26 FRANK TILLOTSON	82	1:05.97 ROY BODINE	86	1:35.56 ROY BODINE	86
5:03.65 ALBERT FISHER	81	1:23.86 HAROLD HOFFMAN	89	2:02.04 RICHARD KANE	86
5:14.12 WOODROW BOWERSOCK	84	1:31.76 LARRY HART	85	▪ 100 M. BUTTERFLY	
5:21.06 ROY ERLANDSON	83	2:05.25 STACY VAN PETTEN	85	2:30.73 JESSE COON	96
▪ 50 M. BREASTSTROKE		▪ 100 M. FREESTYLE		2:53.06 JESSE COON	86
46.99 BENNETT ALLEN	94	1:43.03 GUS LANGNER	88	3:34.80 ROY BODINE	86
51.64 BENNETT ALLEN	83	1:49.48 JESSE COON	86	▪ 200 M. BUTTERFLY	
54.30 DON MCCULLOUGH	81	1:49.81 CARL LINDSTRAND	85	6:11.68 JESSE COON	96
54.97 MURRAY EAGER	80	2:06.13 TEX ROBERTSON	88	6:45.97 JESSE COON	86
56.12 JERRY EVERALL	82	2:06.36 HARRY POLITES	87	8:00.53 ROY BODINE	86
56.31 JOPAUL STEINER	80	2:09.33 JOE IRVINE	86	▪ 200 M. INDIVIDUAL MEDLEY	
56.86 PETE OKUMOTO	81	2:23.62 RICHARD KANE	85	5:16.84 JESSE COON	96
58.12 EDWARD NAKAMURA	82	2:23.85 CHARLES WOOD	89	5:32.12 JESSE COON	86
59.14 BOB CHRISTIANS	81	3:51.33 HAROLD HOFFMAN	89	6:52.33 ROY BODINE	86
59.43 NED SMITH	81	4:01.11 LARRY HART	85	8:05.38 RICHARD KANE	86
1:00.39 EDWIN WOLPAW	82	4:36.62 STACY VAN PETTEN	85	▪ 400 M. INDIVIDUAL MEDLEY	
▪ 100 M. BREASTSTROKE		▪ 200 M. FREESTYLE		11:59.54 JESSE COON	97
1:52.21 BENNETT ALLEN	94	3:48.91 GUS LANGNER	88	11:59.54 JESSE COON	86
2:01.56 DON MCCULLOUGH	81	4:11.14 CARL LINDSTRAND	85	13:49.61 ROY BODINE	86
2:04.04 BENNETT ALLEN	83	4:45.72 TEX ROBERTSON	88		
2:09.07 MURRAY EAGER	80	4:58.80 CHARLES WOOD	89	MEN 90-94	
2:11.05 JERRY EVERALL	82	10:01.88 STACY VAN PETTEN	85	▪ 50 M. FREESTYLE	
2:17.39 EDWARD NAKAMURA	82	▪ 400 M. FREESTYLE		48.70 GUS LANGNER	93
2:38.43 JOHN JOHNSTON	82	8:14.50 GUS LANGNER	88	1:00.90 GUS LANGNER	93
2:51.52 FRANK TILLOTSON	82	10:24.46 TEX ROBERTSON	88	1:12.94 JOE KAUFMAN	92
3:28.61 JOSEPH TRAMMELL	84	10:29.49 CHARLES WOOD	89	▪ 100 M. FREESTYLE	
▪ 200 M. BREASTSTROKE		10:43.41 JOE IRVINE	86	1:57.91 GUS LANGNER	93
4:13.56 ED MCCULLOUGH	96	11:58.04 RICHARD KANE	86	2:20.19 GUS LANGNER	93
4:24.27 DON MCCULLOUGH	81	▪ 800 M. FREESTYLE		2:40.45 MAXWELL VOGT	92
4:56.07 EDWARD NAKAMURA	82	17:11.21 GUS LANGNER	88	2:46.34 JOE KAUFMAN	92
5:52.92 JOHN JOHNSTON	82	18:54.18 HERBERT HOWE	85	▪ 200 M. FREESTYLE	
6:31.92 FRANK TILLOTSON	82	20:52.55 CHARLES WOOD	89	4:28.34 GUS LANGNER	93
▪ 50 M. BUTTERFLY		24:14.24 ROY BODINE	86	5:23.21 GUS LANGNER	93
49.28 WALTER PFEIFFER	94	24:18.73 JOE IRVINE	86	▪ 400 M. FREESTYLE	
53.43 BOB CHRISTIANS	81	24:42.18 RICHARD KANE	86	9:44.11 GUS LANGNER	93
1:01.84 DON MCCULLOUGH	81	43:40.40 STACY VAN PETTEN	85	11:02.67 GUS LANGNER	93
1:07.45 WILLIAM GRANT	83	▪ 1500 M. FREESTYLE		▪ 800 M. FREESTYLE	
1:19.61 EDWARD NAKAMURA	82	33:08.42 GUS LANGNER	89	20:13.74 GUS LANGNER	93
1:47.09 ALBERT FISHER	81	35:41.62 HERBERT HOWE	85	25:43.77 GUS LANGNER	94
▪ 100 M. BUTTERFLY		41:20.09 CHARLES WOOD	89	▪ 1500 M. FREESTYLE	
1:55.39 ANTON CERER	97	45:06.98 JOE IRVINE	86	36:47.02 GUS LANGNER	93
1:55.39 ANTON CERER	80	▪ 50 M. BACKSTROKE		NO SWIMMERS	
2:23.24 DON MCCULLOUGH	81	58.07 JIM PENFIELD	93	▪ 50 M. BACKSTROKE	
2:53.18 JOHN JOHNSTON	82	1:09.58 HARRY POLITES	87	1:10.27 AL KALLUNKI	94
3:19.33 GEORGE RAFTER	80	1:11.30 LEE STARR	88	1:25.46 JOE KAUFMAN	92
▪ 200 M. BUTTERFLY		1:14.22 JOE IRVINE	86	1:29.34 GUS LANGNER	93
4:13.22 ANTON CERER	97	1:14.80 ROY BODINE	86	▪ 100 M. BACKSTROKE	
4:13.22 ANTON CERER	80	1:24.64 BILL REEDER	86	2:40.66 PETER JURCZYK	96
4:52.96 DON MCCULLOUGH	81	2:04.24 STACY VAN PETTEN	85	3:06.58 JOE KAUFMAN	92
6:14.06 JOHN JOHNSTON	82	▪ 100 M. BACKSTROKE		3:42.49 GUS LANGNER	94
6:25.63 GEORGE RAFTER	80	2:07.06 JIM PENFIELD	93	▪ 200 M. BACKSTROKE	
▪ 200 M. INDIVIDUAL MEDLEY		2:35.47 ROY BODINE	86	5:43.96 JOE KAUFMAN	95
3:50.76 ANTON CERER	97	2:36.67 TEX ROBERTSON	88	NO SWIMMERS	
3:50.76 ANTON CERER	80	2:46.01 JOE IRVINE	86	▪ 50 M. BREASTSTROKE	
4:02.96 BOB CHRISTIANS	81	4:19.21 STACY VAN PETTEN	85	1:16.01 ANDREW KALLUNKI	95
4:31.56 DICK GUIDO	80	▪ 200 M. BACKSTROKE		1:39.23 GUS LANGNER	94
4:33.03 DON MCCULLOUGH	81	4:43.49 JIM PENFIELD	93	▪ 100 M. BREASTSTROKE	
4:44.46 EDWARD NAKAMURA	82	5:27.65 TEX ROBERTSON	88	3:09.64 GUS LANGNER	93
5:18.44 JOHN JOHNSTON	82	5:57.55 JOE IRVINE	86	3:36.36 GUS LANGNER	93
5:33.20 GEORGE RAFTER	80	6:12.53 ROY BODINE	86	▪ 200 M. BREASTSTROKE	
6:00.55 WILLIAM GRANT	83	6:16.08 BILL REEDER	86	6:24.54 GUS LANGNER	93
▪ 400 M. INDIVIDUAL MEDLEY		9:27.18 STACY VAN PETTEN	85	NO SWIMMERS	
8:13.49 ANTON CERER	97	▪ 50 M. BREASTSTROKE		▪ 200 M. INDIVIDUAL MEDLEY	
8:13.49 ANTON CERER	80	1:01.47 AL KALLUNKI	89	7:08.31 PETER JURCZYK	96
9:51.06 DON MCCULLOUGH	81	1:25.50 ROY BODINE	86	NO SWIMMERS	
11:00.60 GEORGE RAFTER	80	1:38.55 LARRY HART	85		
11:49.85 JOHN JOHNSTON	82	1:58.16 RICHARD KANE	85	MEN 95-99	
		▪ 100 M. BREASTSTROKE			

# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

WOMEN'S RELAYS							
	TRACEY MCLAUCHLAN	25	NEM	2:01.48		RINC	2:45.84
	ANNA MATSON	23	BARBARA CROWDER	40		CONNIE TURKINGTON	60
			LESLIE COOPER	37		ANN KAY	63
	200 M. FREE REL WOMEN 120+		TRACY GRILLI	40		PATSY WEISS	74
	LONE STAR	1:53.05	JACKI HIRSTY	44		JUDITH SCHWARTZ	42
	MONICA BURK		DCM	2:04.88		ORLM	2:46.97
	BRIGITTE HEUER		CHERYL BRUNER	38		NANCY GUINN	43
	L. MORRISON-CASEY		KAREN SULLIVAN	40		PENNY POTTER	49
	JACKI HIRSTY		SUSAN SKIFF	42		VICKI HALEY	50
	ORLM	1:57.38	DENISE KIRWAN	45		ERNESTINE BEATTIE	61
	MARGARET KELLER	33	PCAT	2:08.09		KONA	2:48.07
	ROSEMARIE SEAMAN	39	SUNNY SMILEY	27		DIANE MCCARY	54
	CATHY SHONKWILER	37	C.RICHARDSON	43		RUTH MANFREDI	73
	DIANNE PIERCY	33	KRISSY MACCUDRY	45		LAURA HINDERAKER	68
	WCM	1:58.11	LYNN SILVER	45		PATTI KIMBALL	41
	KATHLEEN HARTNETT	25	C300	2:08.57		OJAI-SANTA BARB	2:53.42
	MINDY HAMWAY	38	KELLY BERGDOLL	39		CHERYL GARZA	44
	KATHY WOEHRL	34	TERRY DYKEHOUSE	41		KITTY JOHNSTON	55
	LAURIE VIDAL	35	SUSAN HALFACRE	45		LOIS GOODMAN	50
	WCM	2:00.00	PATRICIA MARKEY	47		CAROLE BORLAND	54
	MICHELLE GHIGGARI	28	LAKESIDE MASTER	2:09.59		200 M. FREE REL WOMEN 240+	
	PENNY LEACH	34	AMY POPE	36		NEW ENGLAND	2:25.83
	LISA WARD	33	A.WRIGHT-BELKNAP	46		JENNIFER LUKER	
	MOLLY MCGLENNEN	25	PAM MARTIN	39		DIANE REED	
	HLJ	2:01.28	DEBBIE COX	42		BILLIE BURRILL	
	KATHY STEELE	33	SPM	2:11.98		CLARA WALKER	
	PATTY RUHL	37	KIM STOTT	38		SDSM	2:29.15
	GINA AGUILAR	38	LAURA BELFLOWER	39		BETSY JORDAN	60
	MARY ROEBUCK	35	CHRIS KELLY	42		ANN DALLAM	66
	GOLD	2:03.42	PAM GEIGER	44		JEANNE LITTLE	60
	JAMIE HERRINGTON	31	MENLO PARK	2:15.08		JACKIE MARR	54
	ALITA RUMSEY	34	JANE BURKS	40		MICH	3:03.51
	CELIA DEVANNEY	40	KATHERINE BASS	45		DAWN HEWITT	32
	LINDA HAUS	29	REBECCA PINTO	42		EDITH GLUSAC	78
	PIMM	2:04.14	JUDY STRAUSS	42		LOIS KIVI NOCHMAN	72
	PAM DRAFTS	40	HOT B	2:19.94		SHIRLEY DACEY	60
	JULIE WARNER	35	SANDY BAKER	47		LAKESIDE MASTER	3:04.89
	VIOLETTA ACOSTA	33	JAMIE KING	46		MARY JANE MULLINS	66
	LEESA KENT	39	CAROL BRANDON	35		CAROL FERGUSON	65
	CFCC	2:06.30	ANJA LACHMAN	33		SUE JEWELL	54
	HEATHER GRADY	26	200 M. FREE REL WOMEN 200+			MARY ANN HARAGAN	63
	MINDY RINEHOLD	21	LOS ALTOS	2:08.96		WCM	3:11.79
	ALESIA MALLOUGH	36	LAURA VAL			JOAN ALEXANDER	65
	SUSAN HOLLAND	41	SUSAN ROY			FLORENCE LINKE	66
	SPM	2:07.89	DELLA SEHORN			JEAN DUNCAN	64
	JUDY TIBMA	41	CAROLYN BOAK			LINDA BURR	50
	MAUD ORLANDO	34	SPM	2:15.65		ARKM	3:18.05
	LISA FLANAGAN	34	ANNE PAGE	49		FLO DIETZ	61
	ANDREA NAUTA	38	ELAINE BROMWICH	54		SALLY OPPEL	64
	ORLM	2:08.35	JAYNE LAMBKE	58		BETTY SCOLES	72
	BEVERLY LENSE	31	LINDSAY POWELL	48		LOUISE KUTSCHER	68
	CAROLINE GATTO	36	DCM	2:17.20		SPM	3:20.21
	SUSAN KOMINOWSKI	38	JOANN LEILICH	58		BARBARA ALLEN	64
	SUSAN WITTING	33	MARY ANDERSON	43		JUNE REYNOLDS	75
	SWIM	2:11.19	BARBARA FRID	55		KAREN WEST	45
	MARTHA LIGGETT	27	RUTH BENNETT	50		FLORENCE CARR	72
	ADRIENNE SEAL	31	SDSM	2:33.46		ORLM	3:54.80
	LIZ BURCHETT	35	LYNNE LUND	56		MARTHA PARNELL	77
	LAURA ALBEE	28	GINI BAKER	46		ALYCE VOGEL	64
	200 M. FREE REL WOMEN 160+		DIANE HIRAKAWA	48		RACHEL ERWIN	77
	KONA AQUATICS	2:00.09	JACKIE MARR	54		DIANNE LEE	32
	THERESA VILLA		HUMU	2:41.06		200 M. FREE REL WOMEN 280+	
	KAT CALRK		ANDREA HARRIS	47		NEW ENGLAND	2:38.52
	SUE PETERSON		AILEEN SOULE	91		CLARA WALKER	
	KATHY SHIPMAN		DIANE STOWELL	63		BILLIE BURRILL	
	KONA	2:00.09	LOREY BODE	38		PETEY SMITH	
	THERESA VILLA	40	SMMM	2:43.94		DIANE REED	
	KAT CLARK	48	DALE FINCH	47		OJAI-SANTA BARB	3:11.01
	SUE PETERSON	38	DONNA DUNN	49		RUTH FARNHAM	67
	KATHY SHIPMAN	36	ANN LAMBERTSON	67		GRACE ALTUS	73
	GOLD	2:01.42	DIANE MILNER	51		MALCHIA OLSHAN	66
	EVELYN LYNCH	45	VMST	2:43.98		RUTH BAAR	74
	DEBBIE CAVANAUGH	39	ROBERTA SUGDEN	80		WCM	3:23.89
	JANET ZANN	46	BONNIE KESTNER	45		JEAN DURSTON	83
	TRACIE MOLL	33	LISA BENNETT	41			
			KELLY PARKER	35			



# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

<p>HOLMES LUMBER 3:35.94 94  GERTRUD ZINT  JOAN GLARATON  FLORENCE CARR  VICKEE SULLIVAN</p> <p>SPM 4:00.15  JUNE REYNOLDS 75  SANDY STEER 58  FLORENCE CARR 72  KAY SCHIMPF 80</p> <p>WCM 4:08.58  SALLY JOY 80  JAE HOWELL 74  JEAN DURSTON 83  FLORENCE LINKE 66</p> <p>COAST MASTERS 4:35.97  MADELEINE MILLER 86  MARGO BOUER 62  MARTI GOGNIAT 86  MAURINE KORNFELD 75</p> <p>200 M. MEDLEY R WOMEN 320+</p> <p>COAST MASTERS 4:42.96 96  MAURINE KORNFELD  MARTI GOGNIAT  MAXINE MERLINO  MADELEINE MILLER</p> <p>NO RELAYS</p> <p>400 M. FREE REL WOMEN 76+</p> <p>SANTA CLARA 4:31.84 95  JO MILLARD  ANNE WATKINS  LAURA VIALE  KATHRIN LAMMERS</p> <p>NO RELAYS</p> <p>400 M. FREE REL WOMEN 100+</p> <p>DAVIS AQUATIC 4:27.84 92  C.CHICHESTER  MELISSA BEATY  KIM MCCORD  JENNIFER NORRIS</p> <p>LYTA 5:01.22  GLORIA NEMET 33  ROBYN JACKSON 29  DIANA LUCAS 30  GINA MAVIGLIANO 27</p> <p>ORLM 5:10.05  DANIELLE SIRBU 23  FERNANDA CASCO 25  DIANNE LEE 32  J.MOLEN 30</p> <p>400 M. FREE REL WOMEN 120+</p> <p>STANFORD 4:17.94 94  MARTIE MCKINNEY  C CHICHESTER  DANIELLE OGIER  KANA SHIBUYA</p> <p>CFCC 4:47.46  SUSAN HOLLAND 41  ALESIA MALLOUGH 36  MINDY RINEHOLD 21  HEATHER GRADY 26</p> <p>SPM 4:50.91  LISA ABRAHAM 22  KIM STOTT 38  HILARY ARMSTRONG 31  LAURA BELFLOWER 39</p> <p>SPM 5:38.85  JOANN HARRELSON 41  LESLIE TREAT 48</p>	<p>V.NIEDERMEYER 28  CHRISTINE SWANSON 35</p> <p>400 M. FREE REL WOMEN 160+</p> <p>SAN DIEGO 4:37.01 93  BETSY JORDAN  BARBARA DUNBAR  KARLY PIPES  BETH KNIGHT</p> <p>SPM 4:41.68  MAUD ORLANDO 34  LINDSAY POWELL 48  JUDY TIBMA 41  ANDREA NAUTA 38</p> <p>PCAT 4:48.94  SUNNY SMILEY 27  C.RICHARDSON 43  KRISSEY MACCUDRY 45  LYNN SILVER 45</p> <p>DCM 4:52.60  CHERYL BRUNER 38  BARBARA FRID 55  KAREN SULLIVAN 40  DENISE KIRWAN 45</p> <p>C300 4:54.40  PATRICIA MARKEY 47  KELLY BERGDOLL 39  MEEGAN WILSON 48  SUSAN HALFACRE 45</p> <p>ORLM 6:22.82  PENNY POTTER 49  NANCY GUINN 43  ERNESTINE BEATTIE 61  CAROLINE GATTO 36</p> <p>400 M. FREE REL WOMEN 200+</p> <p>ST PETE 5:13.92 97  ANNE PAGE  ELAINE BROMWICH  JAYNE LAMBKE  CHRIS KELLEY</p> <p>SPM 5:13.92  ANNE PAGE 49  ELAINE BROMWICH 54  JAYNE LAMBKE 58  CHRIS KELLEY 42</p> <p>NEM 5:48.97  TRACY GRILLI 40  PETEY SMITH 73  B.BURRILL 76  JENNIFER KENYON 24</p> <p>SDSM 6:03.79  LYNNE LUND 56  GINI BAKER 46  DIANE HIRAKAWA 48  JACKIE MARR 54</p> <p>OJAI-SANTA BARB 7:05.22  LOIS GOODMAN 50  CAROLE BORLAND 54  MALCHIA OLSHAN 66  RUTH FARNHAM 67</p> <p>400 M. FREE REL WOMEN 240+</p> <p>WALNUT CREEK 6:15.17 92  BETTY BARABASH  JOAN ALEXANDER  ANN PISCIOтта  BARBARA JORDAN</p> <p>NO RELAYS</p> <p>400 M. FREE REL WOMEN 280+</p> <p>WALNUT CREEK 7:22.22 96  ELFRIEDE ROGERS  JAE HOWELL</p>	<p>JEAN DURSTON  ANN HIRSCH</p> <p>SPM 7:57.85  SANDY STEER 58  KAY SCHIMPF 80  JUNE REYNOLDS 75  FLORENCE CARR 72</p> <p>400 M. FREE REL WOMEN 320+</p> <p>ST PETE 10:13.80 94  MARIAN MCKECHNIE  FRANCES CICHANSKI  WIN KENNEDY  KAY SCHIMPF</p> <p>NO RELAYS</p> <p>400 M. MEDLEY R WOMEN 76+</p> <p>SACRAMENTO 5:07.42 92  MINDY WRIGHT  LISA CHRISTO  SUE LOWREI  DONNA NICHOLAS</p> <p>MINNESOTA MASTE 5:33.11  LAURA ANTONIETTA 26  BETH WOHLBERG 23  NICKI PHILLIPS 27  TAZIA BRUNETTI 23  STHLND AQ CHINO 6:12.61  NICOLE VROLYKS 22  SUSAN REESE 27  DIANA VARGA 24  EMILY VROLYKS 19</p> <p>400 M. MEDLEY R WOMEN 100+</p> <p>WALNUT CREEK 4:55.59 92  PAM BOSCOVICH  LISA TALLMAN  DEBBIE FLANSBURG  WENDY INGRAHAM</p> <p>ORLM 5:20.15  J.MOLEN 30  LINDA VISSER 27  KRISTA HABECKER 24  DANIELLE SIRBU 23  MENLO PARK 5:29.45  KASS FLAIG 36  LISA SHEEPER 33  ANNA MALSCH 23  TRACEY MCLAUCHLAN 25</p> <p>LYTA 5:37.13  DIANA LUCAS 30  ROBYN JACKSON 29  GINA MAVIGLIANO 27  GLORIA NEMET 33</p> <p>400 M. MEDLEY R WOMEN 120+</p> <p>TEAM ORLANDO 4:53.42 97  MARGARET KELLER  BEVERLY LENSE  ROSEMARY SEAMAN  CATHY SHONKWILER</p> <p>ORLM 4:53.42  MARGARET KELLER 33  BEVERLY LENSE 31  ROSEMARIE SEAMAN 39  CATHY SHONKWILER 37</p> <p>WCM 4:58.90  LISA WARD 33  SOPHIA OSBORNE 36  DEB FLANSBERG 41  MICHELLE GHIGGARI 28</p> <p>CFCC 5:18.49  SUSAN HOLLAND 41  MINDY RINEHOLD 21</p>	<p>HEATHER GRADY 26  ALESIA MALLOUGH 36</p> <p>SCSC 5:54.57  LAURA VAL 45  ALMA GUIMARIN 43  LAUREL HILL 28  ELIZABETH OSPINA 23</p> <p>SPM 6:03.64  HILARY ARMSTRONG 31  CHRISTINE SWANSON 35  KIM STOTT 38  V.NIEDERMEYER 28</p> <p>400 M. MEDLEY R WOMEN 160+</p> <p>DC MASTERS 5:17.88 97  DENISE KIRWAN  MARY ANDERSON  KAREN SULLIVAN  SUSAN SKIFF</p> <p>DCM 5:17.88  DENISE KIRWAN 45  MARY ANDERSON 43  KAREN SULLIVAN 40  SUSAN SKIFF 42</p> <p>PCAT 5:23.06  SUNNY SMILEY 27  C.RICHARDSON 43  KRISSEY MACCUDRY 45  LYNN SILVER 45</p> <p>SPM 5:26.44  ANDREA NAUTA 38  MAUD ORLANDO 34  JUDY TIBMA 41  LINDSAY POWELL 48</p> <p>C300 5:39.23  KELLY BERGDOLL 39  MEEGAN WILSON 48  SUSAN HALFACRE 45  PATRICIA MARKEY 47</p> <p>GAJA 5:53.45  DENISE AYOTTE 40  CANDACE LANG 47  SUSAN HRIB 34  F.WILLIAMSON 49</p> <p>MENLO PARK 5:57.11  JANE BURKS 40  KATHERINE BASS 45  REBECCA PINTO 42  JUDY STRAUSS 42</p> <p>SPM 6:07.87  CHRIS KELLY 42  LESLIE TREAT 48  JOANN HARRELSON 41  LAURA BELFLOWER 39</p> <p>RHMS 6:30.55  CHERYL ATTABACH 24  SUSAN ATAMANI 48  SUSIE VIRETA 42  MAGGIE TEVIS 49</p> <p>ORLM 7:06.14  NANCY GUINN 43  PENNY POTTER 49  CAROLINE GATTO 36  ERNESTINE BEATTIE 61</p> <p>USANFRAN 7:29.54  ANDREA NACHTIGALL 45  TANAKO HAGIWAKA 58  LINDA STANLEY 38  ERIN PACHELINSKY 49</p> <p>400 M. MEDLEY R WOMEN 200+</p> <p>D C MASTERS 5:48.73 91  BARBARA FRID  JOANN LEILICH  ANN SVANSON  JAYNE BRUNNER</p>
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# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

SPM	6:05.11	AMY FREYER	23	ST PETE	10:20.09	KITTY JOHNSTON	55
SHERRY BREWER	39	DIANA VARGA	24	ANDREA NAUTA		CAROLE BORLAND	54
ELAINE BROMWICH	54	EMILY VROLYKS	19	MAUD ORLANDO		RUTH FARNHAM	67
JAYNE LAMBKE	58	NICOLE VROLYKS	22	JUDY TIMBA		ORLM	19:57.86
ANNE PAGE	49			LINDSAY POWELL		MARTHA PARNELL	77
SDSM	6:49.07	800 M. FREE REL WOMEN 100+		SPM	10:20.09	VICKI HALEY	50
LYNNE LUND	56	WALNUT CREEK	9:50.91	ANDREA NAUTA	38	ERNESTINE BEATTIE	61
DIANE HIRAKAWA	48	CAROL LEE-HELTZEL		MAUD ORLANDO	34	RACHEL ERWIN	77
JACKIE MARR	54	CATHEY COOLEY		JUDY TIMBA	41		
GINI BAKER	46	DEBBIE FLANSBURG		LINDSAY POWELL	48	800 M. FREE REL WOMEN 280+	
OJAI-SANTA BARB	7:56.84	AMY REIGER		VMST	10:55.23	WALNUT CREEK	16:17.09
CAROLE BORLAND	54	WILDCAT MASTERS	10:50.93	BETSY DURRANT	55	JEAN DURSTON	
KITTY JOHNSTON	55	JULIE PAULY	32	KITTEN BRAATEN	42	MARY JANE REEVES	
CHERYL GARZA	44	KELLY HEATH	23	BONNIE KESTNER	45	JAE HOWELL	
LOIS GOODMAN	50	JAN HOWELL	25	KELLY PARKER	35	DONNA MONROE	
400 M. MEDLEY R WOMEN 240+		LAUREL SMITH	30	LAKESIDE MASTER	12:13.78	WCM	16:54.76
WALNUT CREEK	6:50.38	MINNESOTA MASTE	10:57.97	WENDY MEDLEY	43	JEAN DURSTON	83
BARBARA JORDAN		LAURA ANTONIETTA	26	DEBBIE UTZ	44	DONNA MONROE	63
ANN PISCIOTTA		NICKI PHILLIPS	27	A. WRIGHT-BELKNAP	46	JAE HOWELL	74
JOAN ALEXANDER		CAROL MCCARTHY	28	M. BLASKE-HULL	47	MARY JANE REEVES	80
BETTY BARABASH		JUDI ERICKSON	32	WILDCAT MASTERS	13:39.96	800 M. FREE REL WOMEN 320+	
RINC	7:35.80	800 M. FREE REL WOMEN 120+		SARAJANE DOTY	41	ST PETE	22:37.07
CONNIE TURKINGTON	60	WALNUT CREEK	9:43.49	MEG SMATH	40	MARIAN MCKECHNIE	
CINDY BAXTER	65	DENISE THOMPSON		JANICE KREGOR	40	FRANCES CICHANSKI	
SUSAN SPRINGER	58	LAURIE VIDAL		GAIL O'MALLEY	42	WIN KENNEDY	
ANN KAY	63	LISA WARD		800 M. FREE REL WOMEN 200+		KAY SCHIMPF	
WIS MASTERS	7:59.68	PENNY LEACH		TAMALPAIS	11:24.23	NO RELAYS	
DORIS KLITZKE	62	WCM	9:43.49	R. BRITTINGHAM	95	MEN'S RELAYS	
EDITH JACOBSEN	49	DENISE THOMPSON	25	CHARLOTTE JENKINS		200 M. FREE REL MEN 76+	
NANCY KRANPITZ	52	LAURIE VIDAL	34	SPERRY RADEMAKER		OLYMPIC CLUB	1:41.14
FRAN ZEUMER	77	LISA WARD	33	NANCY RIDOUT		GARY ANTONICK	
400 M. MEDLEY R WOMEN 280+		PENNY LEACH	34	SDSM	12:59.08	ERIC TARBELL	
WALNUT CREEK	8:32.38	ORLM	9:44.01	LYNNE LUND	56	STEPHEN GOTH	
PAT PREVETZ		ROSEMARIE SEAMAN	39	GINI BAKER	46	JIM MURRAY	
JAE HOWELL		MARGARET KELLER	33	DIANE HIRAKAWA	48	SPM	1:43.92
ANN PISCIOTTA		YUKO MATSUZAKI	35	JACKIE MARR	54	STUART BARTON	29
MARY JANE REEVES		CATHY SHONKWILER	37	SMMM	13:56.07	DAVID MADDUX	21
SPM	9:06.33	LAKESIDE MASTER	10:11.95	DALE FINCH	47	BRAD HOFFMAN	25
JUNE REYNOLDS	75	AMY POPE	36	DONNA DUNN	49	ANDREW EATON	24
SANDY STEER	58	PAM POPE	39	SUSAN ANDERSON	37	CRESCENT HILL M	1:49.18
FLORENCE CARR	72	MARY CURL	40	ANN LAMBERTSON	67	JEFF FELTZER	26
KAY SCHIMPF	80	MELINDA SCHMITT	38	SNM	14:20.75	DEREK MCCLAIN	23
OJAI-SANTA BARB	9:13.36	ORLM	10:30.52	GWEN SHONKWILER	40	PAUL WIDMAN	24
RUTH FARNHAM	67	DIANNE LEE	32	A. SUSAN TYLER	48	BRAD SCHMIED	25
GRACE ALTUS	73	SUSAN KOMINOWSKI	38	IVY BROWNE	82	ART	1:58.40
MALCHIA OLSHAN	66	J. MOLEN	30	SARAH TYLER	52	JOHN MERIDETH	26
RUTH BAAR	74	LINDA VISSER	27	USF	14:45.43	JASON SMITH	22
WCM	9:39.16	MENLO PARK	10:37.48	TAMIKO HAGIWARA	59	CLINTON FISHER	23
SALLY JOY	80	SHERRI BLATT	30	CAROL REQUADT	59	MARK REEVES	28
JAE HOWELL	74	JANE BURKS	40	SUSAN ALLEN	52	200 M. FREE REL MEN 100+	
JEAN DURSTON	83	LISA SHEEPER	33	LAUREN CHAITKIN	53	HOUSTONIAN CLUB	1:36.15
JEAN DUNCAN	66	TRACEY MCLAUCHLAN	25	WILDCAT MASTERS	16:03.54	JAMES PRUNGLE	
400 M. MEDLEY R WOMEN 320+		SPM	11:14.79	CINDY TODD	54	STUART KNOWLES	
SAN MATEO	12:14.90	KIM STOTT	38	SHARON BLOUNT	57	JEFF FREY	
AUDREY ETIENNE		CHRISTINE SWANSON	35	ANNE HART	43	JOHN SMITH	
HILDA BUEL		JOANN HARRELSON	41	CRISTINA GAMEIRO	50	SPM	1:40.69
ZADA TAFT		LISA ABRAHAM	22	800 M. FREE REL WOMEN 240+		MARK SMITH	27
EDIE GOLDMAN		LAKESIDE MASTER	11:37.46	ST PETE	13:12.45	STUART BARTON	29
SMMM	12:14.90	PAM HAEBERLIN	33	ELAINE BROMWICH		BRAD HOFFMAN	25
AUDREY ETIENNE	80	CAROLINE DONNELLY	35	SANDY STEER		ANDREW EATON	24
HILDA BUEL	83	LESLIE ENANDER	36	FLORENCE CARR		HOPKINS	1:42.31
ZADA TAFT	78	AMY PETERSON	39	JAYNE LAMBKE		SCOTT TRIPPS	27
EDIE GOLDMAN	86	ORLM	11:51.02	SPM	13:12.45	ROBERT FOX	29
800 M. FREE REL WOMEN 76+		KRISTA HABECKER	24	ELAINE BROMWICH	54	JASON HANSEN	24
DAVIS	10:56.32	NANCY GUINN	43	SANDY STEER	58	JOEL SHINOFIELD	25
CHRIS WINN		FERNANDA CASCO	25	FLORENCE CARR	72	CHMS	1:43.49
JENNIFER BLAKE		CAROLINE GATTO	36	JAYNE LAMBKE	58	ABRAHAM SOLANO	27
JENNIFER NORRIS		GOLD COAST MAST	11:58.85	NEM	14:19.72	MICHAEL NEAL	33
TINA WALLIS		ALITA RUMSEY	34	JUDY PULESTON	62	BRAD SCHMIED	25
STHLND AQ CHINO	11:45.12	MARGARET CHARLTON	54	B. BURRILL	76		
		MICHELLE BEKOFF	31	PETEY SMITH	73		
		CELIA DEVANNEY	39	TRACY GRILLI	40		
		800 M. FREE REL WOMEN 160+		OJAI-SANTA BARB	15:14.84		
				MALCHIA OLSHAN	66		



# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

JEFFREY HOGG	32	DON ESTES	38	STEVE CLARK		BRUD CLEVELAND	79
ART	1:43.56	HUMU	1:51.51	ROBERT STRAND		C.WEATHERBEE	64
ROBERT HERMANET	27	MIKE STEVENS	30	TIM BIRNIE		JERRY GLANCY	59
LORENZO BENUCCI	29	AARON ALTURA	33	JAMES ELDER		JACK BEATTIE	62
JOHN O'KEEFE	30	PAUL IKIOKA	32	TOC	1:45.19	SAC	2:15.11
MARK KAISER	33	DEREK POWERS	35	STEVE CLARK	54	DAVID UGARKOVICH	49
MENLO PARK	1:45.38	WCM	1:51.81	ROBERT STRAND	51	LOU SUTTON	70
JOHN MOORE	33	BRAD SMITH	24	TIM BIRNIE	51	RICHARD SMITH	77
ED OWEN	26	DAVE STODDARD	32	JAMES ELDER	54	JULIUS YOUNG	50
MARK WAN	32	TODD YENCH	26	KONA	1:45.97	SPM	2:15.67
BRIAN KOHLMEIER	28	KIRK HALEY	40	DAVID PADGETT	50	HAROLD FERRIS	66
SCAQ A	1:48.49	MCM	1:51.95	STEVE BOROWSKI	49	BRUCE DAY	47
OSIRIS BRISENO	21	TOM ELLISON	47	WILLIAM GONZALEZ	54	THOMAS SMITH	70
EALING JAHN	21	VENTURA PELUZZO	29	MARK MADER	49	CHARLES KOHNKEN	65
MIKE FRAZER	36	BRENT BUNNELL	33	TOC	1:54.45	SMMM	2:16.56
MICHAEL KIMURA	36	ROBERT CARTER	33	RICHARD BASSI	56	DONALD GALINE	51
CRESCENT HILL M	1:56.94	200 M. FREE REL	MEN 160+	JAMES KRUEGER	58	ROBERT CUNNINGHAM	69
WILLIAM POLK	28	HOLMES	1:39.27 90	WILLIAM VAN HORN	58	FRED TAIOLI	76
MICHAEL PEPA	29	JAMES DILLEY		PHILIP CHAPMAN	65	RAYMOND TAFT	78
BUC SCHULER	29	C. MILTENBERGER		TTEX	1:54.61	SAN DIEGO SWIM	2:16.86
GEOFFREY THOMAS	28	RICHARD ABRAHAMS		LARRY WOOD	43	BILL EARLEY	60
A2QU	1:59.36	TIMOTHY GARTON		MARK STOUT	42	PARRY O'BRIEN	65
KEVIN GRENIER	30	ORLM	1:45.13	CHUCK BALDWIN	67	RICHARD LABAHN	68
STUART MARVIN	33	FREDERICK EHMKE	42	KEITH BELL	49	JERRY O'MARA	50
GREG PRAIS	25	RICK SCRAY	43	DCM	1:54.95	SCAQ	2:18.00
BRIAN SEY	30	C.MILTENBERGER	45	LAWRENCE COHEN	62	CLAY EVANS	43
LA MESA MASTERS	1:59.81	L.MEISENHEIMER	39	WILLIAM HERZER	50	LEE ARTH	72
JOEL HULL	27	GOLD	1:45.16	FRED MUNSON	39	STUART VANCE	50
TOM RUFF	29	CRAIG BURNS	44	JOHN CALVERT	51	BOB MERRICK	77
JOHN LAPP	28	JOHN SPIRE	45	SMMM	1:58.30	WCM	2:22.57
DALE WEBSTER	28	FRED MAYER	41	BOB COSSINS	57	STAN MORNOR	62
ALL ACADIANA AQ	2:03.02	KURT WIENANTS	35	DICK PETERSEN	60	STAN PEDDER	62
KELLY CHADICK	28	BRAT	1:45.95	LEON KIEF	44	BOB NOTSAR	61
AARON SCHNEIDER	26	BILL MRAZEK	43	D.BUTLER	41	DON BROWN	64
DARRIN ANDERSON	27	BOB RUTH	44	SWIM	1:59.68	200 M. FREE REL	MEN 280+
STEPHEN HAWTHORNE	29	DOUG SCHLAK	41	RICHARD BREWER	52	LAM	2:10.75 92
200 M. FREE REL	MEN 120+	CRIS WILLIAMS	36	M.STOLLMEYER	59	JOHN RICHARDS	
LONE STAR	1:37.43 86	TOC	1:46.29	JOHN SHEA	48	JAY CRADDOCK	
DAVID HAGUE		STUART CORLISS	41	TOM STEGEMAN	42	JACK MCCANN	
TRIP HEDRICK		MIKE KECK	37	GOLD	2:00.09	HUGH RICHARDS	
BUCK SMITH		JAMES BEGLINGER	50	JORGE GONZALEZ	48	SMMM	2:24.09
JIM MONTGOMERY		ROBERT PLACAK	38	PETER LONCTEAUX	47	RAY TAFT	78
IM	1:42.16	HUMU	1:48.50	ALAN RAPPERPORT	63	BOB CUNNINGHAM	69
THOMAS MCCABE	39	PEER BLICHFELDT	36	DONALD SONIA	67	DON STUFFEL	69
DAVID GIBSON	37	ERNIE LESKOVITZ	60	SDSM	2:00.42	ROGER CAMPBELL	67
TIMOTHY ROURKE	42	THOMAS LILEIKIS	31	JAMES NEY	38	OJAI-SANTA BARB	2:27.46
JOSEPH MAGIERA	40	JOSEPH LILEIKIS	34	RICHARD LABAHN	68	JURGEN SCHMIDT	74
SUN	1:44.50	WCM	1:49.87	DONALD HUBBARD	70	JOHN STERN	73
BRIAN VAILE	35	CARY KENT	45	ERIC BONNEY	28	JOHN BLECK	64
RYAN FORRETEL	43	KERRY O'BRIEN	40	ORLM	2:01.54	JOHN BLECK	64
DON DARLING	41	MAL JESTER	48	GWINN MURRAY	52	FRANK PIEMME	72
C.HALFAST	31	STEVE STAHL	32	CHRISTIAN ISELIN	54	FMM	2:30.63
STRL	1:48.16	SPM	1:50.15	ROBERT LOMBARD	49	CHARLES SCHLEGEL	67
AUDIUS BARZDUKAS	34	STEPHAN FREEMAN	41	FRED LIPP	53	DAVE MALBROUGH	84
KEITH PETERSON	36	GARY BASTIE	47	200 M. FREE REL	MEN 240+	ALAN MALONEY	68
JIM FEALY	39	RUSSELL FRAZIER	43	GOLD COAST	1:57.91 97	PAUL HUTINGER	72
SHANNON VARNER	38	EDDIE RIACH	44	CAV CAVANAUGH		OREG	2:31.38
ORLM	1:48.53	HLJ	1:50.51	DAVID MCINTYRE		EARL WALTER	76
FREDERICK EHMKE	42	PETER NICKODEM	47	WILLIAM DOLAN		FLOYD ELIOTT	70
RICHARD DORSEY	28	MICHAEL BURLEY	44	JOEL BURNS		GILBERT YOUNG	75
KIRK SEAGER	33	JOHN CONLON	41	GOLD	1:57.91	ANDREW HOLDEN	78
TODD BARRY	34	WALTER STEELE	33	CAV CAVANAUGH	61	SPM	2:34.17
ART	1:48.88	SPM	1:50.54	DAVID MCINTYRE	60	RICHARD AVERY	74
JOHN BROWN	32	ARTHUR HALTTUNEN	47	WILLIAM DOLAN	68	MIKE TORSNEY	67
SEAN FITZGERALD	33	WILLIAM HEMPEL	40	JOEL BURNS	51	ROBERT ATWOOD	77
JIM EBERT	33	TIMOTHY KENNEDY	40	NCMS	1:58.78	JOHN COX	62
ALEX BAILEY	36	WILLIAM SPECHT	39	ROLFFS PINKERTON	58	COAST MASTERS	2:48.37
HOT A	1:50.06	SAN DIEGO SWIM	1:50.80	JOHN KORTHEUER	66	BOB CHRISTIANS	81
GEORGE EDELMAN	30	COLIN CHINN	39	DICK WEBBER	68	WOODROW BOWERSOCK	84
AL JAEGERS	34	LELAND SWANSON	46	JERRY CLARK	59	LOUIS GIBERSON	76
STUART JEFFERIES	39	JAMES BOSWELL	36	SDSM	1:59.94	EMILE ACHEE	70
OMAR SUWARNO	34	LEE MENCH	44	MIKE FRESHLEY	56	SPM	3:16.42
TEAM GREENVILLE	1:50.13	200 M. FREE REL	MEN 200+	DONALD BAKER	66	ROBERT PATTON	75
CHRIS SCHARVER	20	OLYMPIC CLUB	1:45.19 97	ROBERT WILLIAMS	55	FRED WALBOLT	84
ALAN ROBINSON	33			KENNETH KIMBALL	66	RICHARD POTSUBAY	56
ALAN HARPER	33			ORLM	2:11.53	BILL UHRICH	77

# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

200 M. FREE REL	MEN 320+				
COAST MASTERS	2:35.13 96	ART	2:15.99	JOSEPH MAGIERA	40
LOUIS GIBERSON		ERIC CZANDER	31	TIMOTHY ROURKE	42
WOODROW BOWERSOCK		CLINTON FISHER	23	THOMAS MCCABE	39
WALTER PFEIFFER		SCOTT PORTER	26	SPM	1:56.96
ROBERT CHRISTIANS		COUNSE BROTHERS	32	BOB BURESH	39
SPM	3:28.44	WIS MASTERS	2:17.75	ARTHUR HALTTUNEN	47
ROBERT ATWOOD	77	STEVE WOLOSCHKE	30	WILLIAM SPECHT	39
JOHN JOHNSTON	82	MARK ASKEW	26	RUSSELL FRAZIER	43
FRED WALBOLT	84	NEBIL BEN-AISSA	27	ORLM	2:00.33
BILL UHRICH	77	JOSEPH MUELLER	31	RICK SCRAY	43
TXAM	3:41.04	200 M. MEDLEY R	MEN 120+	C.MILTENBERGER	45
BENNETT ALLEN	83	BAYLOR/L STAR	1:50.89 93	FREDERICK EHMKE	42
FRANK CAMPBELL	71	JAY YARID		L.MEISENHEIMER	39
TEX ROBERTSON	88	BERRY HAMILTON		WCM	2:03.32
ROY BODINE	86	BOBBY PATTEN		JAMES KING	50
200 M. MEDLEY R	MEN 76+	STEVEN REED		GARY GIBB	41
OLYMPIC CLUB	1:49.35 95	GOLD	1:53.12	KERRY O'BRIEN	40
MIKE COLLEY		KURT WIENANTS	35	STEPHEN STAHL	32
JAMIE PATRICK		SETH VAN NEERDEN	29	NIAG	2:04.24
BRAD BUDNEY		JONATHAN OLSEN	34	TOM STEEL	40
GREG LARSON		CRAIG BURNS	44	GEORGE SALEEBY	26
ART	2:14.78	GAJA	1:56.83	TOM MEADE	49
ANDREW SMITH	22	BRIAN PAKKALA	35	DANIEL KORNB�ATT	47
ROBERT HAMILL	23	IGOR VAZHENIN	33	PCAT	2:04.80
JASON SMITH	22	RANDY RANDOLPH	38	THOMAS WOLF	42
TIMOTHY STATE	26	STUART CROMARTY	33	LAEL MARTIN	37
200 M. MEDLEY R	MEN 100+	TOC	1:57.46	ROBERT SCHADE	36
HOUSTONION CLUB	1:48.46 90	FRED FERROGGIARO	43	MICHAEL FOX	47
CLAY BRITT		STUART CORLISS	41	TTEX	2:05.42
DEAN PUTTERMAN		ROBERT PLACAK	38	LARRY WOOD	43
ROBERT KILLEEN		MIKE KECK	37	DAVID GUTHRIE	37
JAMES PRINGLE		NEM	1:59.27	KEITH BELL	48
SPM	1:50.79	ROBERT BERRY	29	M.STINCHCOMBE	40
BRAD HOFFMAN	25	EDMUND GENDREAU	35	SWIM	2:09.49
MARK SMITH	27	BRIAN CASEY	33	KENT LEY	39
STUART BARTON	29	KARL KOLB	36	RICHARD DE GALAN	36
ANDREW EATON	24	ORLM	1:59.97	JAMES REDIC	50
HOPKINS	1:54.11	JOE AUER	29	LARRY BLACK	39
SCOTT TRIPPS	27	F.CHARMFOROOSH	31	CHMS	2:09.65
ROBERT FOX	29	CHARLES ROSE	28	MICHAEL JOHMAN	35
JASON HANSEN	24	TODD BARRY	34	JAMES HUGUENARD	43
JOEL SHINOFIELD	25	SUN	2:01.65	MICHAEL LEMKE	40
TOC	1:54.19	BRIAN VAILE	35	JOHN GRAHAM	51
GREG LARSON	27	RYAN FORRESTEL	43	C300	2:09.79
ERIC TARBELL	25	DON DARLING	41	JEFF PEROUT	44
DOUGLAS WOODRING	31	C.HALFAST	31	CLINTON RILEY	41
STEPHEN GOTH	28	STRL	2:03.89	CRAIG NIXON	37
CHMS	1:57.17	JIM FEALY	39	BILL RODENFELS	55
BRAD SCHMIED	25	KEITH PETERSON	36	200 M. MEDLEY R	MEN 200+
ABRAHAM SOLANO	27	SHANNON VARNER	38	OLYMPIC CLUB	1:58.50 94
MICHAEL NEAL	33	AUDRIUS BARZDUKAS	34	TIM BIRNIE	
JEFFREY HOGG	32	ART	2:05.21	ROBERT STRAND	
WILDCAT MASTERS	2:03.27	JOHN BROWN	32	RICHARD BASSI	
CHIP JAWORSKI	27	ALEX BAILEY	36	JAMES ELDER	
KEITH RAKER	27	ROBERT HERMANET	27	TOC	1:59.48
CHAD RIEGLE	22	MARK REEVES	28	TIM BIRNIE	51
THOMAS MCCULLOUGH	33	CRESCENT HILL M	2:05.82	ROBERT STRAND	51
ART	2:03.37	MICHAEL JOHMAN	35	STEVE CLARK	54
MARK KAISER	33	MICHAEL NEAL	33	JAMES ELDER	54
JOHN MERIDETH	26	BRENT RUNKLE	32	KONA	2:00.55
JOHN O'KEEFE	30	JEFF HOGG	32	MARK MADER	49
LORENZO BENUCCI	29	LYTA	2:07.97	WILLIAM GONZALEZ	54
ALL ACADIANA AQ	2:13.12	GORDON ANDREWS	37	STEVE BOROWSKI	49
AARON SCHNEIDER	26	ALVIN RODRIQUEZ	31	DAVID PADGETT	50
KELLY CHADICK	28	DOUGLAS LONG	53	GOLD	2:05.35
DARRIN ANDERSON	27	KEVIN HAYES	28	JOHN SPIRE	45
RICK VEAL	36	200 M. MEDLEY R	MEN 160+	JORGE GONZALEZ	48
A2QU	2:15.76	BAYLOR/L STAR	1:53.79 94	JOEL BURNS	51
KEVIN GRENIER	30	MEL NASH		CAV CAVANAUGH	61
GREG PRAIS	25	BARRY HAMILTON		HUMU	2:08.66
STUART MARVIN	33	TRIPP HEDRICK		DOUGLAS RICE	52
BRIAN SEY	30	DAVID HAGUE		BRUCE CLARK	55
IM	1:56.84	IM	1:56.84	ULRICH KLINKE	53
ANDREAS SEIBT	39	ANDREAS SEIBT	39	PAUL MEYER	49
				BRAT	2:09.17
				STEVEN VAN SCIVER	49
				SCOTT GUTHRIE	52
				MARK EBEL	49
				GLENN WOODSUM	50
				OREG	2:11.18
				PETER METZGER	42
				ROBERT SMITH	54
				ROBERT MAESTRE	47
				DAVID RADCLIFF	63
				TTEX	2:12.27
				LARRY WOOD	43
				CHUCK BALDWIN	67
				KEITH BELL	49
				MARK STOUT	42
				LAKESIDE MASTER	2:16.04
				WILLIAM TINGLEY	47
				JAMES GOODWIN	50
				GLENN HUBBUCH	52
				THOMAS FINNEGAN	51
				ORLM	2:16.95
				ROBERT LOMBARD	49
				CHRISTIAN ISELIN	54
				FRED LIPP	53
				GWINN MURRAY	52
				NEM	2:17.17
				J. KEVIN FISHER	42
				RYAN SEARLE	51
				DANIEL ROGACKI	50
				JAMES EDWARDS	74
				200 M. MEDLEY R	MEN 240+
				BUCKEYE	2:17.59 94
				YOSHI OYAKOWA	
				JOHN MEDICI	
				THOMAS OLANDER	
				JOHN FLORANCE	
				NCMS	2:20.08
				ROLFFS PINKERTON	58
				JOHN KORTHEUER	66
				DICK WEBBER	68
				JERRY CLARK	59
				SDSM	2:22.35
				KENNETH KIMBALL	66
				MIKE FRESHLEY	56
				ROBERT WILLIAMS	55
				DONALD BAKER	66
				SMMM	2:26.26
				RAYMOND TAFT	78
				ROBERT CUNNINGHAM	69
				DONALD GALINE	51
				GARY BRENNER	49
				OJAI-SANTA BARB	2:28.50
				JEFF FARRELL	60
				JOHN BLECK	64
				FRANK PIEMME	72
				JOHN WILLIAMS	53
				SMS	2:29.82
				ROBERT COULTER	64
				RICK WALKER	46
				DREN GEER	63
				JOHN WOODS	73
				ORLM	2:32.69
				JACK BEATTIE	62
				C.WEATHERBEE	64
				VICTOR SIRBU	60
				JERRY GLANCY	59
				FMM	2:33.50
				PAUL HUTINGER	72
				ROBERT MACDONALD	68
				JOSEPH KURTZMAN	71
				ALAN MALONEY	68
				HLJ	2:34.60
				JOHN SMITH	59
				JAMES WILLIAMSON	73
				WALTER STEELE	33
				ROGERS HOLMES	75
				HUMU	2:38.43
				VERNON KNIGHT	62

# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

MORRIS MATTHEWS	70	MARK ASKEW	26	CHIS JENSEN	50	SVEIN MORNER	30
AARON ALTURA	33	NEBIL BEN-AISSA	27	C300	4:27.03	400 M. FREE REL	MEN 240+
PETE OKUMOTO	81	JOSEPH MUELLER	31	CLINTON RILEY	41	SAN DIEGO	4:42.18 97
GAJA	2:45.18	LA MESA MASTERS	4:51.26	CRAIG NIXON	37	MIKE FRESHLEY	
JACK MITCHELL	70	WADE WILLIFORD	27	BILL RODENFELS	55	DONALD BAKER	
IRWIN STOLZ	67	JOEL HULL	27	JEFF PEROUT	44	KENNETH KIMBALL	
KEN MILLER	59	JOHN LAPP	28	OJAI-SANTA BARB	4:34.58	ROBERT WILLIAMS	
ELMER SCHNITZER	69	DALE WEBSTER	28	JOHN DAVID	39	SDSM	4:42.18
200 M. MEDLEY R	MEN 280+	400 M. FREE REL	MEN 120+	DAVID SCHRADER	41	MIKE FRESHLEY	56
OREGON	2:34.57 92	THE OLYMPIC CLB	3:47.83 94	JOHN SELZER	42	DONALD BAKER	66
FLOYD ELIOTT		ROBERT PLACAK		RICK GOEDEN	50	KENNETH KIMBALL	66
BOB MORRISON		KURT VANDERBOGART		WIS MASTERS	4:44.24	ROBERT WILLIAMS	55
ANDREW HOLDEN		SEAN MURPHY		KEITH KRUEGER	40	ORLM	5:09.85
GERALD HUESTIS		DAVE LUNDBURG		RICK SIMONSON	35	RON WELPOTT	56
OJAI-SANTA BARB	2:51.74	IM	3:55.18	KENNETH WEHR	46	GEORGE MANN	59
JOHN BLECK	64	DAVID GIBSON	37	STEPHEN JUSTINGER	44	C.WEATHERBEE	64
JOHN STERN	73	THOMAS MCCABE	39	GOLD COAST	4:55.50	JACK BEATTIE	62
FRANK PIEMME	72	JOSEPH MAGIERA	40	GERRY TEEVEN	47	SPM	6:16.45
JURGEN SCHMIDT	74	TIMOTHY ROURKE	42	PETE LONCTEAUX	47	THOMAS ROBERGE	53
SPM	2:55.77	SPM	4:03.05	NICK TUSSINGS	49	CHARLES KOHNKEN	65
RICHARD AVERY	74	RUSSELL FRAZIER	43	DAVID ELMAN	35	HAROLD FERRIS	66
ABRASHA BRAININ	74	WILLIAM HEMPEL	40	RUBA	5:06.60	JOHN COX	62
MIKE TORSNEY	67	STEPHAN FREEMAN	41	BILL REICHL	49	400 M. FREE REL	MEN 280+
HAROLD FERRIS	66	STUART BARTON	29	G. BLESSING	50	OREGON	5:41.34 93
COAST MASTERS	3:14.62	SDSM	4:03.61	M. KRAEYTER	21	EARL WALTER	
BOB CHRISTIANS	81	JAMES NEY	38	GOLD	5:07.46	FLOYD ELIOTT	
DONALD MC INTOSH	61	DEAN ZRUCKY	24	BRIAN KEENEY	50	GIL YOUNG	
LOUIS GIBERSON	76	LELAND SWANSON	46	WILLIAM ZENGA	42	ANDREW HOLDEN	
WOODROW BOWERSOCK	84	ERIC BONNEY	28	GEORGE BUSSE	65	SAN DIEGO SWIM	6:07.39
SPM	3:41.59	CHMS	4:04.65	PAUL RANDALL	36	JIM EUBANK	81
ROBERT ATWOOD	77	BRAD SCHMIED	25	400 M. FREE REL	MEN 200+	JOHN GOODE	63
BILL UHRICH	77	MICHAEL LEMKE	40	LOS ALTOS	4:05.72 94	DONALD HUBBARD	70
JOHN COX	62	MICHAEL NEAL	33	DAVE GRAY		RICHARD LABAHN	68
FRED WALBOLT	84	JEFFREY HOGG	32	ED CAZALET		FMM	6:09.27
TOC	5:13.07	NEM	4:26.68	DICK JAMES		ROBERT MACDONALD	68
GLYNN JONES	72	ROBERT BERRY	29	BOB PROEBSTING		DAVE MALBROUGH	84
WILLIAM CALLENDER	68	MICHAEL POWERS	35	JOHN SPIRE	4:17.10	ALAN MALONEY	68
ROBERT FOX	60	FRANK MCQUIGGAN	48	CAV CAVANAUGH	61	PAUL HUTINGER	72
JOHN GIBBS	82	EDMUND GENDREAU	35	JOEL BURNS	51	SPM	7:23.65
200 M. MEDLEY R	MEN 320+	ORLM	4:47.88	CRAIG BURNS	44	NED ALLEN	67
COAST MASTERS	3:17.51 96	KIRK WHALEN	32	TTEX	4:27.52	MIKE TORSNEY	67
BRION WINSHIP		JOHN KEEN	33	LARRY WOOD	43	RICHARD AVERY	74
WALTER PFEIFFER		DONALD COMBS	36	MARK STOUT	42	FRED WALBOLT	84
ROBERT CHRISTIANS		MARK MURPHY	32	CHUCK BALDWIN	67	400 M. FREE REL	MEN 320+
WOODROW BOWERSOCK		WIS MASTERS	5:27.77	KEITH BELL	49	COAST MASTERS	6:44.11 96
TXAM	3:37.10	TOBY HAINES	27	JMST	4:33.37	WALTER PFEIFFER	
FRANK CAMPBELL	71	MIKE GAZO	43	JACK ZAKIM	51	WOODROW BOWERSOCK	
BENNETT ALLEN	83	TONY JANSEN	29	ED NESSEL	52	ROBERT CHRISTIANS	
JESSE COON	86	DARREL GRIESBACH	48	LARRY SEIDMAN	49	LOUIS GIBERSON	
TEX ROBERTSON	88	400 M. FREE REL	MEN 160+	R. WALLACE	49	NO RELAYS	
SPM	4:09.20	BOB RUTH AQ	3:58.31 97	SPM	4:48.11	400 M. MEDLEY R	MEN 76+
ROBERT ATWOOD	77	BILL MRAZEK		MICHAEL MILLIGAN	40	THE OLYMPIC CLB	4:24.89 94
JOHN JOHNSTON	82	BOB RUTH		PAT MARZULLI	48	JIM MURRAY	
BILL UHRICH	77	DOUG SCHLAK		THOMAS SMITH	70	ERIC TARBELL	
FRED WALBOLT	84	CRIS WILLIAMS		GARY BASTIE	47	JOHN WITCHEL	
400 M. FREE REL	MEN 76+	BRAT	3:58.31	ORLM	5:01.85	STEPHEN GOTH	
DAVIS AQUATIC	3:53.22 94	BILL MRAZEK	43	JERRY GLANCY	59	NO RELAYS	
ERNIE HOFTYZER		BOB RUTH	44	CHRISTIAN ISELIN	54	400 M. MEDLEY R	MEN 100+
BRIAN NABETH		DOUG SCHLAK	41	VICTOR SIRBU	60	NEW ENGLAND	4:12.04 96
MICHAEL COLLINS		CRIS WILLIAMS	36	GWINN MURRAY	52	ROBERT BERRY	
DARREN MOUNTS		SAN DIEGO SWIM	4:22.98	GOST	5:48.95	S VANKUILENBURG	
NO RELAYS		DARRELL JETT	39	DICK CHISHOLM	62	EDMUND GENDREAU	
400 M. FREE REL	MEN 100+	JERRY O'MARA	50	DENNY NEAD	60	CHRIS BARRETT	
SANTA CLARA	3:39.63 94	MICHAEL WILTGEN	39	STEVEN KLEENE	45	LAS MESA MASTER	5:09.38
SERGEY MARINIUK		LEE MENCH	44	TOM HEMMERGREN	36	JOHN LAPP	28
JAMES PARRACK		ORLM	4:25.75	OJAI-SANTA BARB	5:53.88	DALE WEBSTER	28
MIKE MOORE		RICK SCRAY	43	BRIAN HUNT	43	JOEL HULL	27
FRANZ MORTENSEN		DAVID LARSEN	40	STEVE CLOSE	54	WADE WILLIFORD	27
WIS MASTERS	4:36.81	LAWRENCE PECK	43	JOHN JOHNSTON	54		
STEVE WOLOSCHAK	30	L. MEISENHEIMER	39	JOHN BLECK	64		
		CHINO	4:26.04	WIS MASTERS	5:59.51		
		JOHN SALVINO	39	ROBERT KUENY	66		
		THOMAS FARMERIE	45	W MORGAN BYERS	69		
		MIKE HILLMAN	35	TIM SWIECKI	56		

# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

<p>400 M. MEDLEY R    MEN 120+</p> <hr/> <p>THE OLYMPIC CLB    4:04.49 94            SEAN MURPHY            STUART CORLISS            DAVID LUNDBERG            MIKE KECK</p> <p>IM                    4:26.06            TIMOTHY ROURKE    42            JOSEPH MAGIERA    40            DAVID GIBSON       37            THOMAS MCCABE     39</p> <p>SCSC                4:37.14            LARRY TAGGESSEL   44            AL MOSER           32            FRANZ MORTENSEN   33            HOWARD COYE       42</p> <p>STRL                4:37.28            JIM FEALY           39            KEITH PETERSON     36            SHANNON VARNER    38            AUDRIUS BARZDUKAS 34</p> <p>MENLO PARK        4:38.70            JOHN MOORE         33            BRIAN KOHLMEIER    28            BRIAN SUBLETT      38            ED OWEN            26</p> <p>CHMS                4:42.66            BRAD SCHMIED      25            MICHAEL NEAL       33            MICHAEL LEMKE     40            JEFFREY HOGG       32</p> <p>SCAM                4:47.50            LEE WANI            24            BOB UPSHAW         47            E.PETERS-KWIERS    34            RICK BORRY         26</p> <p>SPM                 4:50.75            MICHAEL MILLIGAN   40            WILLIAM HEMPEL    40            GARY BASTIE         47            STUART BARTON      29</p> <p>MVM                 5:06.13            CHRIS CAMPBELL    36            STEVE RAIFF         28            TEUMAN SANDS      48            KIRK KOZLOWSKI    39</p> <p>RUBA                5:11.07            KEN NIEMI           42            RICH CALLAGHAN    35            ROB COPELAND      40            ART BAUDO           20</p> <p>WIS MASTERS        5:18.68            WILLIAM CURTIS     39            MARK ASKEW         26            NEBIL BEN-AISSA    27            JOSEPH MUELLER    31</p> <p>400 M. MEDLEY R    MEN 160+</p> <hr/> <p>MINNESOTA         4:35.87 94            PAUL WINDRATH            JOHN EVERS            JOHN MCCALL            LARRY NYMAN</p> <p>NEM                 4:25.14NV            ROBERT BERRY       29            S.VANKUILENBURG    32            FRED SCHLICHER    50            DANIEL ROGACKI     50</p> <p>BRAT                4:50.92            BILL MRAZEK         43            BOB RUTH            44            CRIS WILLIAMS      36            DOUG SCHLAK        41</p> <p>WCM                 4:51.10            DAVE AHLMAN        46</p>	<p>JESSE SMYERS        50            KERRY O'BRIEN      40            BRAD SMITH          24</p> <p>LONG BEACH SC      4:54.36            DAVE FRANK          53            JOHN TEMPLIN        43            ERIC WAGNER         33            DAVE ROBBINS        34</p> <p>GOLD                4:55.41            JOHN ANDREWS        38            WILLIAM ZENGA       42            CRAIG BURNS        44            FRED MAYER          41</p> <p>ORLM                5:01.86            RICK SCRAY          43            GILBERTO HALL      41            JORGE LENSE         38            L.MEISENHEIMER    39</p> <p>SMMM                5:11.69            MATT OLIVER         46            RON USHER            42            CHRIS BUTLER        41            LEON KIEF            44</p> <p>C300                5:12.72            JEFF PEROUT         44            CLINTON RILEY      41            CRAIG NIXON         37            BILL RODENFELS     55</p> <p>RHMS                5:13.35            ROB PINE             45            ERIC VAN BOER      42            BILL ADKISON        42            STEVE SHAPIRO      33</p> <p>WIS MASTERS        5:23.08            TOM MEEHAN          50            RICK SIMONSON      35            ERIC JERNBERG      38            KENNETH WEHR       46</p> <p>400 M. MEDLEY R    MEN 200+</p> <hr/> <p>THE OLYMPIC CLB    4:38.46 94            TIM BIRNIE            ROBERT STRAND            RICHARD BASSI            JAMES ELDER</p> <p>GOLD                4:47.64            JOHN SPIRE           45            JORGE GONZALEZ    48            JOEL BURNS          51            CAV CAVANAUGH     61</p> <p>SPM                 5:12.54            THOMAS SMITH       70            T.VEEN               52            STEPHAN FREEMAN    41            TIMOTHY KENNEDY    40</p> <p>NEM                 5:14.90            ROBERT BERRY        29            F.H. TED HAARTZ    69            EDMUND GENDREAU   35            JAMES EDWARDS      74</p> <p>DAM                 5:23.81            ROBERT NORRIS      61            EMORY HAWORTH     59            BRIAN SUTLIFF      33            PAUL LANDES         47</p> <p>SMMM                5:46.03            BOB COSSINS         57            DICK PETERSEN      60            DON GALINE          51            GARY BRENNER       49</p> <p>SDSM                5:46.64            RICHARD LABAHN     68            LELAND SWANSON     46            JAMES NEY           38            DONALD HUBBARD    70</p> <p>GAJA                5:46.64            JACK MITCHELL      70</p>	<p>JOHN ZEIGLER        51            BOB BROWN          43            EDWARD SALTZMAN    46</p> <p>ORLM                5:49.30            JERRY GLANCY        59            CHRISTIAN ISELIN    54            RON WELPOTT        56            GWINN MURRAY       52</p> <p>ORLM                5:50.21            JACK BEATTIE        62            C.WEATHERBEE      64            LAWRENCE PECK      43            GEORGE MANN        59</p> <p>WIS MASTERS        6:26.40            W MORGAN BYERS     69            BILL PAYNE          67            DICK PITMAN         53            TOBY HAINES         27</p> <p>400 M. MEDLEY R    MEN 240+</p> <hr/> <p>RINCONADA          5:31.14 91            ELI GOLDFARB            ALDO DA ROSA            DAVID LEVINSON            ED KERSWILL</p> <p>SDSM                5:55.20            KENNETH KIMBALL    66            MIKE FRESHLEY      56            ROBERT WILLIAMS    55            DONALD BAKER       66</p> <p>SAC                 6:00.86            LOU SUTTON          70            DAVID UGARKOVICH   49            JULIUS YOUNG        50            RICHARD SMITH      77</p> <p>FMM                 6:10.46            PAUL HUTINGER      72            ROBERT MACDONALD   68            JOSEPH KURTZMAN    71            ALAN MALONEY       68</p> <p>RINC                6:11.83            DICK BENNETT        66            AUGIE MOTMAN        69            JIM SHAW            56            CHRIS PRAEL         55</p> <p>SPM                 6:32.60            PETER BETZER        54            HARRY PIPER         62            CHARLES KOHNKEN    65            HAROLD FERRIS      66</p> <p>INLAND MASTERS    6:41.80            CHARLIE POOTS      61            GEORGE BRUGGEMAN   61            BOB BEST            64            MARK KRAKOWER      54</p> <p>SLAM                6:50.90            JACK HUBER          74            WILLIAM CANNON     66            LEO LETENDRE        44            ROBERT BLAKE        72</p> <p>WIS MASTERS        7:12.43            JAMES SEVENICH      67            JOHN BAUMAN        67            ROBERT KUENY        66            MIKE GAZO           43</p> <p>OJAI-SANTA BARB    7:13.40            JOHN BLECK          64            JURGEN SCHMIDT     74            RICK GOEDEN        50            JOHN STERN          73</p> <p>400 M. MEDLEY R    MEN 280+</p> <hr/> <p>COLONIALS          6:30.60 90            ROGER FRANKS            NORMAN GARSOE            BIRCH DAVIDSON</p>	<p>FRANK BELLAIRE</p> <p>SMMM                6:58.18            DON STUFFEL          69            BOB CUNNINGHAM    69            RAY TAFT            78            ROGER CAMPBELL    67</p> <p>SPM                 8:30.79            RICHARD AVERY      74            MIKE TORSNEY        67            NED ALLEN            67            FRED WALBOLT        84</p> <p>400 M. MEDLEY R    MEN 320+</p> <hr/> <p>COAST MASTERS     8:48.03 95            LOUIS GIBERSON            JOHN GLENN            WALTER PFEIFFER            WOODROW BOWERSOCK</p> <p>NO RELAYS</p> <p>800 M. FREE REL    MEN 76+</p> <hr/> <p>DAVIS                9:11.58 89            MIKE COLLINS            JEFF BAILEY            JEFF HICKS            TOM MCNAMARA</p> <p>NO RELAYS</p> <p>800 M. FREE REL    MEN 100+</p> <hr/> <p>SANTA CLARA        8:04.17 94            SERGEY MARINIUK            FRANZ MORTENSEN            JAMES PARRACK            MIKE MOORE</p> <p>CRESCENT HILL M    9:42.47            JEFF HOGG            32            PAUL WIDMAN         24            WILLIAM POLK        28            BRENT RUNKLE        32</p> <p>LA MESA MASTERS    10:49.16            WADE WILLIFORD     27            JOEL HULL            27            JOHN LAPP            28            DALE WEBSTER       28</p> <p>WIS MASTERS        11:21.54            MARK ASKEW         26            NEBIL BEN-AISSA    27            JOSEPH MUELLER    31            STEVE WOLOSCHKE    30</p> <p>800 M. FREE REL    MEN 120+</p> <hr/> <p>GEORGIA            8:24.09 97            SCOTT FREDERICK            ANDREW PULSIFER            RANDY RANDOLPH            IGOR VAZHENIN</p> <p>GAJA                8:24.09            SCOTT FREDERICK    31            ANDREW PULSIFER    31            RANDY RANDOLPH    38            IGOR VAZHENIN      33</p> <p>SDSM                9:19.06            DEAN ZRUCKY         24            LELAND SWANSON     46            JAMES NEY            38            ERIC BONNEY         28</p> <p>CHMS                9:21.70            JEFFREY HOGG        32            MICHAEL NEAL        33            BRAD SCHMIED        25            JOHN GRAHAM         51</p> <p>MENLO PARK        9:39.76            ED OWEN              26            JOHN MOORE          33</p>
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# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

BRIAN KOHLMEIER	28	MICHAEL GRAVES	42	RICHARD LABAHN	68	ALEX BAILEY	36
BRIAN SUBLETT	38	WILLIAM TINGLEY	46	JIM EUBANK	81	RACHAEL WALTON	26
WILDCAT MASTERS	10:07.68	CRESCENT HILL M	11:31.63	JOHN GOODE	63	CLINTON FISHER	23
MATTHEW PAINTER	38	MICHAEL LEMKE	40	FMM	15:49.83	SPM	1:54.98
DAVE MAHR	41	JAMES HUGUENARD	43	FRANK TILLOTSON	82	MARK SMITH	27
JOHN GRANT	34	THOMAS MESTER	46	DAVE MALBROUGH	84	LISA ABRAHAM	22
GARY CONELLY	45	JOSEPH NASTASI	32	ALAN MALONEY	68	LISA FLANAGAN	34
LAKESIDE MASTER	10:10.84			PAUL HUTINGER	72	BRAD HOFFMAN	25
KIRK BUESE	37	800 M. FREE REL	MEN 200+	SPM	16:28.42	NEM	1:56.51
JOHN GLEASON JR	37	THE OLYMPIC CLB	9:28.05 94	FRED WALBOLT	84	BRIAN CASEY	33
MICHAEL O'TOOLE	22	TIM BIRNIE		MIKE TORSNEY	67	JENNIFER KENYON	24
JAMES LUEBBE	30	RICHARD BASSI		ABRASHA BRAININ	74	R.KUPCINSKAS	23
ORLM	10:27.72	JAMES ELDER		RICHARD AVERY	74	ROBERT BERRY	29
MARK MURPHY	32	ROBERT STRAND		800 M. FREE REL	MEN 320+	ORLM	1:56.69
ROBERT LOMBARD	49	ORLM	10:57.25	COAST MASTERS	17:33.86 95	LINDA VISSER	27
BILL KOREY	33	JACK BEATTIE	62	JOHN GLENN		BILL KOREY	33
JORGE LENSE	38	RON WELPOTT	56	ROBERT CHRISTIANS		J.MOLEN	30
CRESCENT HILL M	10:30.75	FRED LIPP	53	WALTER PFEIFFER		JOE AUER	29
MICHAEL JOHANN	35	CHRISTIAN ISELIN	54	WOODROW BOWERSOCK		CRAWFISH MASTER	1:57.44
SCOTT LIU	35	ORLM	10:58.82	NO RELAYS		JASON CARR	22
MARK SIMPSON	35	GEORGE MANN	59	MIXED RELAYS		LESLIE STANLEY	35
JOHN VOORHEES	38	JERRY GLANCY	59	200 M. FREE REL	MIXED 76+	KATHERINE TOUPS	29
WILDCAT MASTERS	11:47.51	GWINN MURRAY	52	UNIV SAN FRAN	1:48.50 92	SELIM ALPARSLAN	31
ALLEN MARCUM	47	DAVID LARSEN	40	CYNTHIA HINSHAW		WILDCAT MASTERS	1:59.02
CHAD RIEGLE	22	CRESCENT HILL M	11:11.00	GARY YANG		STEVEN LITCHFIELD	28
KEITH RAKER	27	GEORGE DODGE	52	JANET HAUER		KARA KELLY	20
THOMAS MCCULLOUGH	33	LAWRENCE HUNT	49	ANDREW GELLER		BRAD KALE	28
800 M. FREE REL	MEN 160+	JOHN GRAHAM	51	ORLM	1:55.92	E.HALL	28
ILLINOIS	8:59.23 97	TOM ATKINSON	48	DANIELLE SIRBU	23	CRESCENT HILL M	2:03.54
ANDREW SEIBT		MICH	11:27.08	KRISTA HABECKER	24	WILLIAM POLK	28
THOMAS MCCABE		DONALD KROEGER	53	JOHN WHITE	19	DONNA JOHNSON	29
JOSEPH MAGIERA		GAARD ARNESON	49	CHARLES ROSE	28	BRIDGET NASTASI	30
TIMOTHY ROURKE		ALAN CALDMEYER	50	CRESCENT HILL M	2:03.00	BRAD SCHMIED	25
IM	8:59.23	STEVE SELIGSON	50	DEREK MCCLAIN	23	ART	2:03.94
ANDREAS SEIBT	39	OJAI-SANTA BARB	12:40.88	FLAVIA BERETTA	24	ROBERT HAMILL	23
THOMAS MCCABE	39	JOHN BLECK	64	KIM MONAGHAN	27	TINA CUNNINGHAM	31
JOSEPH MAGIERA	40	JOHN JOHNSTON	54	PAUL WIDMAN	24	LISA FINFER	32
TIMOTHY ROURKE	42	RICK GOEDEN	50	ALL ACADIANA AQ	2:07.02	ERIC CZANDER	31
GOLD	8:59.57	BRIAN HUNT	43	KELLY CHADICK	28	200 M. FREE REL	MIXED 120+
CRAIG BURNS	44	LAKESIDE MASTER	12:51.84	DARRIN ANDERSON	27	LONE STAR	1:44.84 87
JOHN ANDREWS	38	JAMES GOODWIN	49	AMBER STORCH	22	L.MORRISON-CASEY	
DAVID OWEN	45	TED WATHEN	50	R SCHOENBECK	19	JACKIE HIRSTY	
JONATHAN OLSEN	34	GLENN HUBBUCH	52	NEM	2:08.91	RICHARD HESS	
SAN DIEGO SM	9:07.40	RANDALL DUFOURE	50	C.SULLIVAN	20	JIM MONTGONERY	
NED MAGGIORA	42	800 M. FREE REL	MEN 240+	JENNIFER GILLETT	21	ESST	1:47.36
DARRELL JETT	39	RINCONADA	10:55.42 94	KATE BUTLER	23	BERT BERGEN	30
LEE MENCH	44	ALDO DA ROSA		JAMES HARRINGTON	29	BOO GRANER-GALLAS	49
MICHAEL WILTGEN	39	RICHARD BENNETT		MARK HERMAN	25	D.GRANER-GALLAS	32
SPM	9:18.31	JAMES SHAW		SHELBY DOW	21	MARY BERGEN	27
RUSSELL FRAZIER	43	JOHN SELMER		ANGELA PROVO	25	ORLM	1:51.83
GARY BASTIE	47	SDSM	10:58.43	FRANK KLEIN	28	DIANNE PIERCY	33
THOMAS ATKINS	43	MIKE FRESHLEY	56	200 M. FREE REL	MIXED 100+	MARGARET KELLER	33
TIMOTHY KENNEDY	40	KENNETH KIMBALL	66	MICHIGAN	1:44.84 96	FREDERICK EHMKE	42
NEM	9:23.58	DONALD BAKER	66	DYNE BURRELL		TODD BARRY	34
KARL KOLB	36	ROBERT WILLIAMS	55	SUSIE DEVLIN		HOT A	1:54.03
FRANK MCQUIGGAN	48	SPM	12:49.47	TODD MERCER		OMAR SUWARNO	34
DANIEL ROGACKI	50	SAM HALL	60	MICHAEL GREEN		SARAH ANDERSON	27
EDMUND GENDREAU	35	JOHN COX	62	SPM	1:46.89	JULIA GORMAN	29
ORLM	9:38.90	HAROLD FERRIS	66	ANDREW EATON	24	GEORGE EDELMAN	30
LAWRENCE PECK	43	CHARLES KOHNKEN	65	DANICE STONE	25	SDSM	1:54.71
RICK SCRAY	43	800 M. FREE REL	MEN 280+	LISA SUMMERS	26	K.PIPES-NEILSEN	35
L.MEISENHEIMER	39	SAN MATEO	12:22.64 94	STUART BARTON	29	JAMES NEY	38
FREDERICK EHMKE	42	RAY TAFT		GREG LARSON	27	CATHY NEVILLE	40
C300	9:52.76	FRED TAIOLI		JOAN SCHRIGER	32	LELAND JR SWANSON	46
CLINTON RILEY	41	ED MORAN		CORINNA SEIBT	35	CRAWFISH MASTER	1:55.15
CRAIG NIXON	37	BILL STEUART		ERIC TARBELL	25	STEVE HECK	47
BILL RODENFELS	55	SMMM	12:40.12	ART	1:54.65	HELEN WALSH	28
JEFF PEROUT	44	DICK PETERSEN	60	VICKI MOUW	32	ANN HILL	27
HLJ	9:59.17	RAY TAFT	78			SCOTT RABALAIS	38
JOHN CONLON	41	ROGER CAMPBELL	67			CRESCENT HILL M	1:56.13
BILL PILLMORE	49	FRED TAIOLI	76			JEFF HOGG	32
PETER NICKODEM	47	SAN DIEGO SWIM	13:52.01			GINA MARIE GATTI	34
WALTER STEELE	33	DONALD HUBBARD	70			ANGELA FOX	31
LAKESIDE MASTER	10:47.36					MICHAEL NEAL	33
CHUCK LAMBERT	40					ORLM	1:56.27
CHARLES MIESNER	42					BEVERLY LENSE	31

# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

SUSAN KOMINOWSKI	38	LOS ALTOS	1:55.50	94	WILLIAM DOLAN	68	NANCY CLARK		
RICK SCRAY	43	EDWARD CAZALET			SDSM	2:19.86	ANNE WALKER		
RICHARD DORSEY	28	LAURA VAL			MIKE FRESHLEY	56	KELLY LEMMON		
BRAT	1:56.78	ARLENE PROEBSTING			ANN DALLAM	66	DAVID MCAFEE		
CRIS WILLIAMS	36	ROBERT PROEBSTING			BETSY JORDAN	60	COAST MASTERS	3:40.66	
CELESTE LIND	38	TTEX	1:56.35		KENNETH KIMBALL	66	MADELEINE MILLER	86	
ANNIE KELLEY	27	S.NEILSON-BELL	41		SMMM	2:20.49	MAURINE KORNFELD	75	
DOUG SCHLAK	41	KARLENE WISE	43		DALE FINCH	46	BOB CHRISTIANS	81	
TBAC	1:57.00	CHUCK BALDWIN	67		IVANELLE HOE	59	WOODROW BOWERSOCK	84	
JOHN MAURER	45	KEITH BELL	49		RAYMOND TAFT	78			
MERIT GREAVES	33	DCM	1:59.44		DICK PETERSON	60	200 M. MEDLEY R MIXED	76+	
BECKY NELSON	33	LAWRENCE COHEN	62		SPM	2:22.83			
JOSEPH NOEL	32	DENISE KIRWAN	45		SAM HALL	60	UNIV SAN FRAN	2:02.31	
KONA	1:57.20	SUSAN SKIFF	42		FLORENCE CARR	72	GARY YANG		
MICHAEL MCCARY	26	JOHN CALVERT	51		KIM STOTT	38	JANET HAUER		
KYLEE SANDUSKY	33	GOLD	1:59.77		THOMAS SMITH	70	GREG MACKEM		
MICHELE BOROWSKI	32	CAV CAVANAUGH	61		JMST	2:26.53	CYNTHIA HINSHAW		
JIM MELLON	34	EVELYN LYNCH	45		DORIS STEADMAN	72	SCAQ	2:05.24	
200 M. FREE REL MIXED 160+		JANET ZANN	46		WILLIAM HAYNES	71	OSIRIS BRISENO	21	
RMM	1:47.46	92	JOEL BURNS	51	N.STEADMAN-MARTIN	43	EALING JAHN	21	
CATHY DROZDA		HUMU	2:04.92		AMAR LATHI	61	TOMOKO KAWASAKI	26	
JUDY REED		BRUCE CLARK	54		WCM	2:39.42	JOY KRAUSE	21	
TOM WHATLEY		NANCY STAAL	34		MAURICE ABECASSIS	60	CFCC	2:08.90	
RICHARD ABRAHAMS		DIANE STOWELL	62		DONNA MONROE	63	JOSE MAHER	26	
ORLM	1:48.26	STEVE RUDOLPH	54		JOAN ALEXANDER	65	MINDY RINEHOLD	21	
C.MILTENBERGER	45	SMS	2:05.30		JACK LANCE	54	J.ARMSTRONG	22	
ROSEMARIE SEAMAN	39	LYNN CARTEE	50		GAJA	2:41.05	HEATHER GRADY	26	
CATHY SHONKWILER	37	DREN GEER	63		BRETT SORGE	49	CRESCENT HILL M	2:15.02	
L.MEISENHEIMER	39	DEB WALKER	46		JACK MITCHELL	70	DONNA JOHNSON	29	
KONA	1:49.60	RICK WALKER	46		HERB MCAVLEY	74	JULIE HOWARD	23	
STEVE BOROWSKI	49	DCM	2:07.26		LAWRENCE GALLAHER	72	DEREK MCCLAIN	23	
THERESA VILLA	40	LEE BETTIS	59		KONA	2:44.93	PAUL WIDMAN	24	
DEBRA BUMATAY	25	CHERYL BRUNER	38		RONALD WALSKE	64	ORLM	2:16.94	
DAVID PADGETT	50	BARBARA FRID	55		EDWARD NAKAMURA	82	BILL KOREY	33	
NEM	1:50.46	WILLIAM HERZER	50		RUTH MANFREDI	73	JOHN WHITE	19	
EDMUND GENDREAU	35	TOC	2:07.32		KAREN VAN PELT	59	KRISTA HABECKER	24	
JACKI HIRSTY	44	RICHARD BASSI	56		200 M. FREE REL MIXED 280+		DANIELLE SIRBU	23	
BARBARA CROWDER	40	DANIELLE OGIER	44		OREGON	2:31.29	92	ALL ACADIANA AQ	2:20.92
ROBERT CROWDER	41	MARGERY MEYER	74		GERALD HUESTIS		AARON SCHNEIDER	26	
TTEX	1:54.04	PHILIP CHAPMAN	65		ANDREW HOLDEN		R SCHOENBECK	19	
KARLENE WISE	43	GOLD	2:08.69		PETEY SMITH		DARRIN ANDERSON	27	
S.NEILSON-BELL	41	LUIS HERRETES	41		PAULINE STANGEL		JOYLYNN PITRE	25	
CHUCK BALDWIN	67	JUNE KRAUSER	71		NEM	2:44.08	200 M. MEDLEY R MIXED 100+		
LARRY WOOD	43	JEAN SPINELLI	41		JAMES EDWARDS	74	HOUSTONIAN CLUB	1:56.50	
TOC	1:54.64	BOB SLAMA	47		B.BURRILL	76	CLAY BRITT		
STEVE CLARK	54	SPM	2:09.06		PETEY SMITH	73	L WETZEL-OSBORNE		
MARGUERITE MEYER	38	H. JACK PYHEL	53		F.H. TED HAARTZ	69	STUART KNOWLES		
CAROL BADGER	37	PAM GEIGER	44		HUMU	2:49.78	REBECCA WETZEL		
STUART CORLISS	41	JAYNE LAMBKE	57		AILEEN SOULE	91	SPM	2:00.53	
HLJ	1:55.21	GARY BASTIE	47		LINDA LINGLE	44	BRAD HOFFMAN	25	
KATHY STEELE	33	SWIM	2:13.58		MORRIS MATTHEWS	70	DANICE STONE	25	
BILL PILLMORE	49	FARRELL DEVLIN	69		PETE OKUMOTO	81	LISA SUMMERS	26	
MARY ROEBUCK	35	JEAN GARBUS	63		FMM	3:02.01	ANDREW EATON	24	
MICHAEL BURLEY	44	LIZ BURCHETT	35		REGAN KENNER	73	TOC	2:04.84	
PCAT	1:55.47	TOM STEGEMAN	42		DAVE MALBROUGH	84	CORINNA SEIBT	35	
MICHAEL FOX	47	200 M. FREE REL MIXED 240+			CHARLES SCHLEGEL	67	GREG LARSON	27	
SUNNY SMILEY	27	SAN DIEGO	2:07.26	97	DORIS PROKOPI	61	JOAN SCHRIGER	32	
KRISSY MACCURDY	45	DONALD BAKER			OJAI-SANTA BARB	3:02.01	ERIC TARBELL	25	
THOMAS WOLF	42	JEANNE LITTLE			JOHN STERN	73	KONA	2:08.60	
GOLD	1:55.72	JACKIE MARR			JURGEN SCHMIDT	74	DEBRA BUMATAY	25	
JORGE GONZALEZ	48	BILL EARLEY			MALCHIA OLSHAN	66	JIM MELLON	34	
MARY PETTEE	46	SDSM	2:07.26		RUTH FARNHAM	67	MICHAEL MCCARY	26	
TRACIE MOLL	33	DONALD BAKER	66		SPM	3:03.43	PAGE KUNST	27	
KURT WIENANTS	35	JEANNE LITTLE	60		FLORENCE CARR	72	CRESCENT HILL M	2:15.77	
C300	1:56.68	JACKIE MARR	54		ROBERT PATTON	75	BRAD SCHMIED	25	
PATRICIA MARKEY	47	BILL EARLEY	60		JACQUELINE PIPER	60	JEFF FELTZER	26	
CLINTON RILEY	41	NCMS	2:17.57		RICHARD AVERY	74	BRIDGET NASTASI	30	
SUSAN HALFACRE	45	MARY SANBURY	44		ORLM	3:31.52	KAY BLACKWOOD	29	
JEFF PEROUT	44	SALLY NEWELL	59		MARTHA PARNELL	77	TEAM GREENVILLE	2:18.37	
KONA	1:56.76	JOHN MURPHY	72		RACHEL ERWIN	77	KARIE CAIN	26	
STEVE MCELRATH	47	DICK WEBBER	68		BRUD CLEAVELAND	79	CHRIS SCHARVER	20	
PAGE KUNST	27	GOLD	2:18.00		C.WEATHERBEE	64	ED PIERCE	25	
PATTI KIMBALL	41	ALAN RAPPERPORT	63		200 M. FREE REL MIXED 320+		BETH SCHEIMAN	35	
MARK MADER	49	DEBBIE CAVANAUGH	39		D C MASTERS	3:03.15	93	ART	2:18.61
200 M. FREE REL MIXED 200+		JUNE KRAUSER	71				JIM EBERT	33	
							JOHN MERDITH	26	

# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

RACHAEL WALTON	26	JOHN ROE	29	SPM	2:18.72	SMMM	2:42.06
VICKI MOUW	32	MICHELE HUYETTE	29	PETER BETZER	55	RAYMOND TAFT	78
MINNESOTA MASTE	2:18.89			ELAINE BROMWICH	54	DICK PETERSON	60
LAURA ANTONIETTA	26	200 M. MEDLEY R MIXED 160+		GARY BASTIE	47	IVANELLE HOE	59
J.KOCHENDORFER	36			ANNE PAGE	49	DALE FINCH	46
JAMES THORSON	32	TEAM ORLANDO	2:02.49 97	KONA	2:19.74	WCM	2:43.53
BETH WOHLBERG	23	CATHY SHONKWILER		THERESA VILLA	40	DON BROWN	64
ORLM	2:19.06	C MILTENBERGER		WILLIAM GONZALEZ	54	STAN MORNOR	62
J.MOLEN	30	ROSEMARY SEAMAN		STEVE BOROWSKI	49	JOAN ALEXANDER	65
F.CHARMFOROOSH	31	L MEISENHEIMER		KAREN VAN PELT	59	MIDGE KRAETZER	58
LINDA VISSER	27	ORLM	2:02.49	DCM	2:24.72	GAJA	2:48.11
JOE AUER	29	CATHY SHONKWILER	37	LEE BETTIS	59	JACK MITCHELL	70
CRAWFISH MASTER	2:28.02	C.MILTENBERGER	45	JOANN LEILICH	58	LAWRENCE GALLAHER	72
KATHERINE TOUPS	29	ROSEMARIE SEAMAN	39	FRED MUNSON	39	IGOR VASHENIN	33
STEVE LEVINS	25	L.MEISENHEIMER	39	RUTH BENNETT	50	HERB MCAVLEY	74
KIM LITEL	26	NEM	2:04.34	TOC	2:27.14	NEM	3:00.00
TIM RATCHFORD	39	ROBERT CROWDER	41	MARGERY MEYER	74	PETEY SMITH	73
LA MESA MASTERS	2:29.45	EDMUND GENDREAU	35	DANIELLE OGIER	44	F.H. TED HAARTZ	69
JOHN LAPP	28	BARBARA CROWDER	40	STEVE CLARK	54	ROBERT BERRY	29
DALE WEBSTER	28	JACKI HIRSTY	44	PHILIP CHAPMAN	65	B.BURRILL	76
SHANNON DIMARTINO	21	SCAQ	2:05.71	SPM	2:28.60	200 M. MEDLEY R MIXED 280+	
CATHY RUFF	29	CAROLE SHARPLESS	26	KIM STOTT	38	O*H*I*O	2:56.33 93
200 M. MEDLEY R MIXED 120+		PAUL HENNE	51	T.VEEN	52	BETTY RUSS	
MICHIGAN	1:57.58 96	JAMES BELARDI	40	STEVEN GRAU	52	LILLY KRON	
DYNE BURRELL		BONNIE ADAIR	44	JAYNE LAMBKE	58	PAUL KRUP	
MARK VANDER MAY		PCAT	2:08.32	SMS	2:29.17	DEXTER WOODFORD	
MICHAEL GREEN		THOMAS WOLF	42	ROBERT COULTER	64	HUMU	3:20.40
CORRIN POPPS		KRISSY MACCURDY	45	DEB WALKER	46	AILEEN SOULE	91
WCM	1:59.68	SUNNY SMILEY	27	LYNN CARTEE	50	LINDA LINGLE	44
KATHLEEN HARTNETT	25	MICHAEL FOX	47	RICK WALKER	46	MORRIS MATTHEWS	70
GARY PATTERSON	37	ESST	2:09.63	NEM	2:30.14	PETE OKUMOTO	81
STEPHEN STAHL	32	D.GRANER-GALLAS	32	TRACY GRILLI	40	SPM	3:23.81
STEPHEN STAHL	32	MAUREEN KIKUT	52	RYAN SEARLE	51	BARBARA ALLEN	64
LAURIE VIDAL	35	BOO GRANER-GALLAS	49	LESLIE COOPER	37	ABRASHA BRAININ	74
GOLD	2:02.19	BERT BERGEN	30	JAMES EDWARDS	74	FLORENCE CARR	72
LINDA HAUS	29	KONA	2:10.12	HUMU	2:30.69	RICHARD AVERY	74
WILLIAM ZENGA	42	JEFF DEVINS	44	LOREY BODE	38	FMM	3:26.93
TRACIE MOLL	33	SUE PETERSON	38	DIANE STOWELL	63	FRANK TILLOTSON	82
KURT WIENANTS	35	KATHY SHIPMAN	36	BRUCE CLARK	55	REGAN KENNER	73
ORLM	2:07.42	DAVID PADGETT	50	DOUGLAS RICE	52	DORIS PROKOPI	61
FREDERICK EHMKE	42	SPM	2:11.03	200 M. MEDLEY R MIXED 240+		CHARLES SCHLEGEL	67
SUSAN WITTING	33	ANDREA NAUTA	38	N CAROLINA	2:28.04 97	OJAI-SANTA BARB	3:30.12
BEVERLY LENSE	31	ARTHUR HALTTUNEN	47	JEANNIE MITCHELL		RUTH BAAR	74
TODD BARRY	34	WILLIAM SPECHT	39	SALLY NEWELL		FRANK PIEMME	72
CRAWFISH MASTER	2:07.55	LINDSAY POWELL	48	JOHN KORTHEUER		GRACE ALTUS	73
SANDY COLBY	34	GOLD	2:11.50	DICK WEBBER		JURGEN SCHMIDT	74
HELEN WALSH	28	JAMIE HERRINGTON	31	NCMS	2:28.04	WCM	3:37.58
SCOTT RABALAIS	38	JORGE GONZALEZ	48	JEANNIE MITCHELL	50	BOB STRINGHAM	78
JASON CARR	22	JOEL BURNS	51	SALLY NEWELL	59	JEAN DURSTON	83
SPM	2:08.76	JANET ZANN	46	JOHN KORTHEUER	66	KERRY O'BRIEN	40
LISA FLANAGAN	34	TOC	2:12.81	DICK WEBBER	68	SALLY JOY	80
MARK SMITH	27	JAMES BEGLINGER	50	SDSM	2:29.82	SPM	4:23.91
STUART BARTON	29	STUART CORLISS	41	BETSY JORDAN	60	ROBERT ATWOOD	77
J.MCKEITHEN-BUSSE	37	PHYLLIS QUINN	41	MIKE FRESHLEY	56	KAY SCHIMPF	80
SPM	2:09.29	MARGUERITE MEYER	38	DONALD BAKER	66	JUNE REYNOLDS	75
BOB BURESH	39	300	2:13.65	JEANNE LITTLE	60	FRED WALBOLT	84
MAUD ORLANDO	34	JEFF PEROUT	44	TULS	2:33.94	O*H*I*O MASTERS	4:31.07
STEPHAN FREEMAN	41	CLINTON RILEY	41	A.WEGHE	80	RUTH WUNDERLICH	78
JUDY TIBMA	41	SUSAN HALFACRE	45	DENNIS WILSON	48	DUANE GRASSELL	40
SAN DIEGO SWIM	2:09.33	PATRICIA MARKEY	46	GLENN STOREY	48	DEXTER WOODFORD	83
K.PIPES-NEILSEN	35	200 M. MEDLEY R MIXED 200+		DENNY SAUNDERS	65	BETH HANKS	81
ERIC NEILSEN	31	TEAM TEXAS	2:12.71 97	GOLD	2:37.81	ORLM	4:38.12
NANCY NORTH	29	KARLENE WISE		ALAN RAPPERPORT	63	MARTHA PARNELL	77
LEE MENCH	44	CHUCK BALDWIN		DEBBIE CAVANAUGH	39	BRUD CLEAVELAND	79
ORLM	2:10.50	KEITH BELL		JUNE KRAUSER	71	RACHEL ERWIN	77
RICK SCRAY	43	S NEILSEN-BELL		DONALD SONIA	67	JIM CONGER	77
GILBERTO HALL	41	TTEX	2:12.71	JMST	2:37.84	200 M. MEDLEY R MIXED 320+	
DIANNE PIERCY	33	KARLENE WISE	43	DORIS STEADMAN	72	SAN MATEO	3:57.45 94
MARGARET KELLER	33	CHUCK BALDWIN	67	LOUIS ABEL	61	JOE KAUFMAN	
HOT A	2:11.41	KEITH BELL	49	N.STEADMAN-MARTIN	43	HELEN ROUMASSET	
GEORGE EDELMAN	30	S.NEILSON-BELL	41	WILLIAM HAYNES	71	RAY TAFT	
AL JAEGER	34	DCM	2:17.87	SDSM	2:40.54	AUDREY ETIENNE	
JULIA GORMAN	29	DENISE KIRWAN	45	BILL EARLEY	60	COAST MASTERS	4:20.90
SARAH ANDERSON	27	JOHN CALVERT	51	ANN DALLAM	66	MAXINE MERLINO	85
GOLD	2:12.95	SUSAN SKIFF	42	JACKIE MARR	54		
MARTY HENDRICK	39	LAWRENCE COHEN	62	KENNETH KIMBALL	66		
LISA LAMEY	29						

# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

MADELEINE MILLER 86	ERNIE HOFTYZER 27	400 M. FREE REL MIXED 200+	FLORENCE CARR 72
LOUIS GIBERSON 76	JENNIFER COLLINS 28		ELAINE BROWMICH 54
BOB CHRISTIANS 81	R.BRITTINGHAM 45	TEAM TEXAS 4:29.32 97	NEM 6:06.10
SMMM 4:42.13	BRIAN SUTLIFF 33	S NEILSEN-BELL	JAMES EDWARDS 74
ZADA TAFT 78	ORLM 4:30.49	KARLENE WISE	PETEY SMITH 73
HILDA BUEL 83	SUSAN KOMINOWSKI 38	CHUCK BALDWIN	B.BURRILL 76
RAY TAFT 78	RICK SCRAY 43	KEITH BELL	ROBERT BERRY 29
JOE KAUFMAN 92	MARGARET KELLER 33	TTEX 4:29.32	WCM 6:06.17
	DAVID LARSEN 40	S.NEILSON-BELL 41	DON BROWN 64
400 M. FREE REL MIXED 76+	WCM 4:32.95	KARLENE WISE 43	JOAN ALEXANDER 65
	MAL JESTER 48	CHUCK BALDWIN 67	LINDA BURR 50
OLYMPIC CLUB 4:04.97 95	TOM FLICKENGER 49	KEITH BELL 49	STAN MORNOR 62
BRAD BUDNEY	ANNE O'BERG 26	DCM 4:42.56	WCM 6:31.94
MICHAEL COOLEY	PENNY LEACH 34	RUTH BENNETT 50	KEN BURR 52
ELAINE WEIGAND	NEM 4:36.52	LEE BETTIS 59	FLORENCE LINKE 66
ALICIA ROWELL	MICHAEL POWERS 35	SUSAN SKIFF 42	JEAN DUNCAN 64
ORLM 4:37.74	JENNIFER KENYON 24	WILLIAM HERZER 50	FRED TRASK 69
MARK MURPHY 32	DIANE ROBITAILLE 32	SAN DIEGO SWIM 4:48.53	SPM 6:38.95
DANIELLE SIRBU 23	EDMUND GENDREAU 35	BARBARA DUNBAR 48	RICHARD AVERY 74
KRISTA HABECKER 24		BILL EARLEY 60	LESLIE TREAT 48
JOHN WHITE 19		BETSY JORDAN 60	MIKE TORSNEY 67
		JAMES BOSWELL 36	SANDY STEER 58
400 M. FREE REL MIXED 100+	400 M. FREE REL MIXED 160+	GOLD COAST 4:50.45	WIS MASTERS 6:46.67
	TEAM ORLANDO 4:02.04 97	CAV CAVANAUGH 61	FRAN ZEUMER 77
WALNUT CREEK 4:07.44 93	ROSEMARY SEAMAN	DEBBIE CAVANAUGH 39	MELODEE NUGENT 30
JEFF RODGERS	C MILTENBERGER	JANET ZANN 46	BILL PAYNE 67
SUZANNE HEIM	CATHY SHONKWILER	WILLIAM QUAYLE 55	JAMES SEVENICH 67
M. GHIGGERFI	L MEISENHEIMER	SMMM 4:57.01	SMMM 7:23.01
TOM ORTEGA	ORLM 4:02.04	GARY BRENNER 49	GLORIA STUPFEL 71
WCM 4:32.01	ROSEMARIE SEAMAN 39	DIANE MILNER 51	ANN LAMBERTSON 67
BRAD SMITH 24	C.MILTENBERGER 45	DONNA DUNN 49	DON STUPFEL 69
COLLEEN HAZLETT 34	CATHY SHONKWILER 37	DON GALINE 52	ROGER CAMPBELL 67
DENISE THOMPSON 25	L.MEISENHEIMER 39	GOST 5:06.04	
SCOTT STEIFVATO 27	WCM 4:20.43	PAIGE CLEMMENS 45	400 M. FREE REL MIXED 280+
VENICE 4:42.56	DAVE AHLMAN 46	ANN GUINS 43	SAN MATEO 6:08.62 89
DAVID KASTIGAR 33	MARGIE CURRAN 36	WALTER LINCOLN 64	AUDREY ETIENNE
JOAN VER HALEN 28	CHARLENE O'BRIEN 40	RANDY SIMONS 49	RAY TAFT
MARGARET PANTONIN 28	KERRY O'BRIEN 40	SPM 5:15.72	ZADA TAFT
DAN BORTON 29	C300 4:23.68	CHRIS KELLY 42	FRED TAIOLI
	SUSAN HALFACRE 45	T.VEEN 52	
400 M. FREE REL MIXED 120+	CRAIG NIXON 37	JAYNE LAMBKE 58	SMMM 6:12.24
	KELLY BERGDOLL 39	PAT MARZULLI 48	DALE FINCH 47
WALNUT CREEK 4:01.94 91	JEFF PEROUT 44	DAM 5:19.65	FRED TAIOLI 76
CAREN LEWIS	BRAT 4:25.80	PAUL LANDES 47	AUDREY ETIENNE 80
PAULA ROEMER	DOUG SCHLAK 41	KRISTIN ROGERS 39	RAY TAFT 78
TOM FRISTOE	WANDA BROWN 40	ROSWITA NORRIS 54	WIS MASTERS 6:57.74
GREG REMMERT	Laurie GRUBBS 45	EMORY HAWORTH 60	LYNN SURLS 80
WCM 4:14.15	CRIS WILLIAMS 36	SDSM 5:32.05	INGRID STINE 58
TOM DUGAN 39	SPM 4:32.33	MIKE FRESHLEY 56	BETTY KENDALL 77
LISA WARD 33	ANNE PAGE 49	DIANE HIRAKAWA 48	HARLAN DRAKE 69
CAREN MCNAMARA 34	GARY BASTIE 47	GINI BAKER 46	FMM 7:10.49
STEVE STAHL 32	JUDY TIBMA 41	ROBERT WILLIAMS 55	REGAN KENNER 73
SPM 4:15.33	RUSSELL FRAZIER 43	RINC 5:34.32	DAVE MALBROUGH 84
MAUD ORLANDO 34	GAJA 4:38.98	JIM SHAW 56	DORIS PROKOPI 61
WILLIAM HEMPEL 40	RANDY RANDOLPH 38	PATSY WEISS 74	PAUL HUTINGER 72
ANDREA NAUTA 38	DENISE AYOTTE 40	IVO ROZNEVIC 35	SPM 7:51.25
STUART BARTON 29	F.WILLIAMSON 49	JUDITH SCHWARTZ 42	NED ALLEN 67
MENLO PARK 4:17.50	BOB BROWN 43	400 M. FREE REL MIXED 240+	KAY SCHIMPF 80
TRACEY MCLAUCHLAN 25	PCAT 4:40.60	SAN DIEGO 5:09.00 97	JUNE REYNOLDS 75
ED OWEN 26	MICHAEL FOX 47	DONALD BAKER	JOHN COX 62
JOHN MOORE 33	MARY SWEAT 40	KENNETH KIMBALL	WCM 8:05.62
JANE BURKS 40	LYNN SILVER 45	LYNNE LUND	BOB STRINGHAM 78
SCSC 4:27.11	CRAIG TRIBUZI 43	JACKIE MARR	JAE HOWELL 74
CRAIG NISSER 26	SAN DIEGO SWIM 4:42.77	SDSM 5:09.00	SALLY JOY 80
ALMA GUIMARIN 43	NANCY NORTH 29	DONALD BAKER 66	MAURICE ABELASSIS 60
LAUREL HILL 28	LYNNE LUND 56	KENNETH KIMBALL 66	COAST MASTERS 8:26.82
HOWARD COYE 42	COLIN CHINN 39	LYNNE LUND 56	EMILE ACHEE 70
MENLO PARK 4:27.42	LELAND SWANSON 46	JACKIE MARR 54	MAURINE KORNFELD 75
SHAWN SAMUELS 36	SPM 4:43.16	GOLD 5:11.04	BOB CHRISTIANS 81
BRIAN KOHLMEIER 28	LAURA BELFLOWER 39	ALAN RAPPERPORT 63	WOODROW BOWERSOCK 84
ANNA MULSCH 23	JOANN HARRELSON 41	DEBBIE CAVANAUGH 39	
KASS FLAIG 36	THOMAS ATKINS 43	JUNE KRAUSER 71	400 M. FREE REL MIXED 320+
VMST 4:28.95	TIMOTHY KENNEDY 40	DONALD SONIA 67	SAN MATEO 7:40.34 95
BONNIE KESTNER 45	USANFRAN 4:49.41	SPM 5:58.57	JOE KAUFMAN
JIM MILLER 46	BRIAN SKUSE 41	THOMAS SMITH 70	ZADA TAFT
CHERYL CONLIN 29	SUSAN ALLEN 52	HAROLD FERRIS 66	RAY TAFT
JIM MCFARLAND 39	HEATHER ROYER 22		ADNREY ETIENNE
DAM 4:29.17	DUKE DAHLIN 48		



# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

NO RELAYS	LAUREN SOROKIN 35	S NEILSEN-BELL	FRANK TILLOTSON 82
400 M. MEDLEY R MIXED 76+	ED BURLEIGH 30	TTEX 5:05.71	REGAN KENNER 73
UNIV SAN FRAN 4:36.72 91	ROBERT PIPKINS 24	KARLENE WISE 43	DORIS PROKOPI 61
CYNTHIA HINSHAW	CRAWFISH MASTER 5:41.28	CHUCK BALDWIN 67	ROBERT MACDONALD 68
JOHN DEARBORN	KATHERINE TOUPS 28	KEITH BELL 49	SPM 9:18.59
DEAN PANZICA	MEG HAVILAND 39	S.NEILSON-BELL 41	NED ALLEN 67
JANET HAUER	STEVE HECK 47	DCM 5:33.60	KAY SCHIMPF 80
NO RELAYS	DON HAASE 35	LEE BETTIS 59	JUNE REYNOLDS 75
400 M. MEDLEY R MIXED 100+	GOST 6:15.13	JOANN LEILICH 58	JOHN COX 62
WALNUT CREEK 4:36.14 90	MARIANNE ERICKSON 44	WILLIAM HERZER 50	400 M. MEDLEY R MIXED 320+
PAM BOSCOVICH	SHANNON WELCH 26	RUTH BENNETT 50	D C MASTERS 8:52.61 93
JON JAQUES	C.RUSHMAN 26	IM 5:35.60	ANNE WALKER
KERRY O'BRIEN	LISA ROHLER 33	MARY POHLMANN 52	KELLEY LEMMON
PAULA ROEMER	400 M. MEDLEY R MIXED 160+	CLAY KOLAR 48	ELSA MATTILA
ORLM 5:02.12	TEAM ORLANDO 4:41.21 97	REBECCA KOLAR 41	BERT KASELL
J.MOLEN 30	CATHY SHONKWILER	LARRY GOOD 63	NO RELAYS
JOHN WHITE 19	C MILTENBERGER	GREAT OHIO 5:58.13	800 M. FREE REL MIXED 76+
KRISTA HABECKER 24	ROSEMARY SEAMAN	ANN GUINS 43	DAVIS AQUATIC 9:13.51 94
BILL KOREY 33	L MEISENHEIMER	SID HALL 61	DARREN MOUNTS
ORLM 5:39.39	PCAT 4:46.97	DALE THOMPSON 47	CHRISTINE SCHULTZ
DANIELLE SIRBU 23	THOMAS WOLF 42	CHRIS GILLIGAN 53	ERICA WOODS
KIRK WHALEN 32	KRISSY MACCURDY 45	SDSM 6:25.48	BRIAN NABETA
LINDA VISSER 27	SUNNY SMILEY 27	MIKE FRESHLEY 56	NO RELAYS
JOHN KEEN 33	MICHAEL FOX 47	DIANE HIRAKAWA 48	800 M. FREE REL MIXED 100+
VENICE 5:53.67	SPM 5:08.63	ROBERT WILLIAMS 55	SANTA CLARA 8:45.64 95
MARGARET PANTONIN 28	THOMAS ATKINS 43	GINI BAKER 46	ANNE WATKINS
ANTONIO SALCEDO 26	JUDY TIBMA 41	ORLM 6:41.52	LISA HAZEN
DAN BORTON 29	GARY BASTIE 47	JACK BEATTIE 62	MIKE MOORE
STACEY MC KENNEY 26	ANNE PAGE 49	NANCY GUINN 43	GREG SCHAFFER
400 M. MEDLEY R MIXED 120+	C300 5:09.50	VICTOR SIRBU 60	CRESCENT HILL M 9:41.45
HEARTLAND 4:35.74 93	KELLY BERGDOLL 39	ERNESTINE BEATTIE 61	BRAD SCHMIED 25
VICKY DAVIDSON	CLINTON RILEY 41	400 M. MEDLEY R MIXED 240+	BRIDGET NASTASI 30
PATTY STARKS	SUSAN HALFACRE 45	GOLD COAST 6:02.09 97	MICHAEL NEAL 33
RON SCHAFEE	JEFF PEROUT 44	ALAN RAPPERPORT	ANGELA FOX 31
LEE MENCH	SPM 5:28.99	DEBBIE CAVANAUGH 39	800 M. FREE REL MIXED 120+
SPM 4:48.86	KIM STOTT 38	JUNE KRAUSER 71	TEAM ORLANDO 9:03.87 97
ANDREA NAUTA 38	RUSSELL FRAZIER 43	DONALD SONIA 67	ROSEMARY SEAMAN
MAUD ORLANDO 34	TIMOTHY KENNEDY 40	SDSM 6:07.95	CATHY SHONKWILER
STUART BARTON 29	LINDSAY POWELL 48	JACKIE MARR 54	RICK SCRAY
WILLIAM HEMPEL 40	VMST 5:29.41	DONALD BAKER 66	L MEISENHEIMER
SAN DIEGO SWIM 5:10.73	BONNIE KESTNER 45	LYNNE LUND 56	ORLM 9:03.87
DARRELL JETT 39	JIM MCFARLAND 39	KENNETH KIMBALL 66	ROSEMARIE SEAMAN 39
K.PIPES-NEILSEN 35	KITTEN BRAATEN 42	GAJA 6:42.59	CATHY SHONKWILER 37
NANCY NORTH 29	JIM MILLER 46	LAWRENCE GALLAHER 72	RICK SCRAY 43
LEE MENCH 44	SPM 5:32.21	ALICE-HELE ADAMS 50	L.MEISENHEIMER 39
ORLM 5:11.15	CHRIS KELLY 42	F.WILLIAMSON 49	SPM 9:22.26
MARGARET KELLER 33	PAT MARZULLI 48	HERB MCAVLEY 74	EDDIE RIACH 44
GILBERTO HALL 41	MICHAEL MILLIGAN 40	SPM 7:01.15	MAUD ORLANDO 34
RICK SCRAY 43	JOANN HARRELSON 41	RICHARD AVERY 74	ANDREA NAUTA 38
SUSAN KOMINOWSKI 38	GOLD COAST 5:49.84	ELAINE BROMWICH 54	STUART BARTON 29
SAN DIEGO SWIM 5:10.73	DEBBIE CAVANAUGH 39	MIKE TORSNEY 67	ORLM 10:21.56
DARRELL JETT 39	DAVID ELMAN 35	SANDY STEER 58	LINDA VISSER 27
K.PIPES-NEILSEN 35	WILLIAM QUAYLE 55	SPM 7:28.59	YUKO MATSUZAKI 35
NANCY NORTH 29	MICHELLE BEKOFF 31	CHARLES KOHNKEN 65	ROBERT LOMBARDO 49
LEE MENCH 44	C300 5:52.48	LESLIE TREAT 48	DAVID LARSEN 40
ORLM 5:11.15	JOSEPH CARIDI 31	FLORENCE CARR 72	CRAWFISH MASTER 11:09.35
MARGARET KELLER 33	MEEGAN WILSON 48	HAROLD FERRIS 66	STEVE HECK 47
GILBERTO HALL 41	CRAIG NIXON 37	400 M. MEDLEY R MIXED 280+	PAUL RABALAIS 32
RICK SCRAY 43	PATRICIA MARKEY 47	ST.PETE 7:16.12 95	JOAN CHEUK 20
SUSAN KOMINOWSKI 38	HEARTLAND MASTE 6:06.37	PAUL HUTINGER	LESLIE STANLEY 35
SAN DIEGO SWIM 5:10.73	DOUGLAS SELBY 52	ALAN MALONEY	CRAWFISH MASTER 11:14.51
DARRELL JETT 39	STEPHANIE CLARK 38	FLORENCE CARR	SCOTT RABALAIS 38
K.PIPES-NEILSEN 35	SHAWNA MILNER 28	KAY SCHIMPF	STEVE LEVINS 25
NANCY NORTH 29	JAMES PATZOLD 49	SLAM 7:45.66	MEG HAVILAND 39
LEE MENCH 44	400 M. MEDLEY R MIXED 200+	EDITH HENDRY 86	THERESA KLEIN 26
ORLM 5:11.15	TEAM TEXAS 5:05.71 97	WILLIAM CANNON 66	LAKESIDE MASTER 11:58.53
MARGARET KELLER 33	KARLENE WISE	ARDETH MUELLER 56	CHARLES CARTER 45
GILBERTO HALL 41	CHUCK BALDWIN	ROBERT BLAKE 72	TOM GRANT 46
RICK SCRAY 43	KEITH BELL	FMM 7:59.57	MARISA FORD 37
SUSAN KOMINOWSKI 38			SUZANNE HAWKINS 29

# 1997 LONG-COURSE METERS - TOP-TEN RELAYS

VENICE MASTERS	12:47.40	DEBBIE CAVANAUGH	39
KEDRIN MACKENZIE	32	JUNE KRAUSER	71
JOHN KOCKER	42	FRED MAYER	41
MARGARET PANTONIN	28	GAJA	11:45.79
DAN BORTON	29	AMY GROSSMAN	36
		LISA WATSON	43
800 M. FREE REL MIXED 160+		JACK MITCHELL	70
		JOHN ZEIGLER	51
TEAM TEXAS	9:07.41 97	SDSM	12:00.26
LARRY WOOD		MIKE FRESHLEY	56
S NEILSON-BELL		DIANE HIRAKAWA	48
KARLENE WISE		GINI BAKER	46
KEITH BELL		ROBERT WILLIAMS	55
TTEX	9:07.41	WILDCAT MASTERS	13:04.15
LARRY WOOD	43	BOB WALKER	49
S.NEILSON-BELL	41	SUSAN BRADLEY-COX	59
KARLENE WISE	43	TITA ARNOLD	55
KEITH BELL	49	MATTHEW FLANAGAN	71
GAJA	9:39.27		
BOB BROWN	43	800 M. FREE REL MIXED 240+	
PATRICIA MATTSOON	44		
F.WILLIAMSON	49	GOLD COAST	11:35.20 94
ANDREW PULSIFER	31	ANNE MCGUIRE	
C300	9:42.98	JUNE KRAUSER	
SUSAN HALFACRE	45	HERB KERN	
CRAIG NIXON	37	ERNIE LESKOVITZ	
KELLY BERGDOLL	39	SDSM	11:42.13
JEFF PEROUT	44	DONALD BAKER	66
SPM	9:54.56	LYNNE LUND	56
WILLIAM HEMPEL	40	KENNETH KIMBALL	66
JUDY TIBMA	41	JACKIE MARR	54
ANNE PAGE	49	SPM	12:38.82
WILLIAM SPECHT	39	JOHN COX	62
SPM	10:29.46	JOANN HARRELSON	41
GARY BASTIE	47	MIKE TORSNEY	67
CHRISTINE SWANSON	35	FLORENCE CARR	72
KIM STOTT	38	SPM	13:17.86
RUSSELL FRAZIER	43	ELAINE BROMWICH	54
PCAT	10:32.25	CHARLES KOHNKEN	65
WILLIAM CROWLEY	58	SANDY STEER	58
KRISSY MACCUDRY	45	HAROLD FERRIS	66
SUNNY SMILEY	27	LAKESIDE MASTER	14:18.21
THOMAS WOLF	42	CAROL FERGUSON	65
SPM	10:35.81	MARTY O'TOOLE	57
MICHAEL MILLIGAN	40	LARRY ISOM	56
LISA ABRAHAM	22	MARY ANN HARAGAN	63
JAYNE LAMBKE	58	COAST MASTERS	17:07.82
THOMAS ATKINS	43	EMILE ACHEE	70
GOLD	10:48.64	DONALD MC INTOSH	61
BRIAN KEENEY	50	MARGO BOUER	62
ALITA RUMSEY	34	MAURINE KORNFELD	75
RORIE ANDERSON	46		
JORGE GONZALEZ	48	800 M. FREE REL MIXED 280+	
HEARTLAND MASTE	12:13.16		
MICHAEL PHILLIPS	55	ST.PETE	14:06.13 95
STEPHANIE CLARK	38	PAUL HUTINGER	
DOUGLAS SELBY	52	ALAN MALONEY	
SHAWNA MILNER	28	FLORENCE CARR	
OJAI-SANTA BARB	13:23.01	KAY SCHIMPF	
COREY WELLES	33	WIS MASTERS	15:57.06
DONNA LECHMAN	39	LYNN SURLLES	80
JOHN SELZER	42	INGRID STINE	58
LOIS GOODMAN	50	BETTY KENDALL	77
		HARLAN DRAKE	69
800 M. FREE REL MIXED 200+		SPM	17:06.67
		NED ALLEN	67
SAN DIEGO	10:30.93 97	JUNE REYNOLDS	75
BARBARA DUNBAR		KAY SCHIMPF	80
BILL EARLEY		RICHARD AVERY	74
BETSY JORDAN			
JAMES BOSWELL		800 M. FREE REL MIXED 320+	
SAN DIEGO SWIM	10:30.93		
BARBARA DUNBAR	48	SAN MATEO	17:09.50 94
BILL EARLEY	60	AUDREY ETIENNE	
BETSY JORDAN	60	JOSEPH KAUFMAN	
JAMES BOSWELL	36	HELEN ROUMASSET	
GOLD	10:35.10	RAYMOND TAFT	
CAV CAVANAUGH	61	NO RELAYS	

# TOP TEN - LONG COURSE METERS

AS OF 11-01-97

***** M E N *****			***** 25-29 *****			***** W O M E N *****			
22.59	08-28-83	USA	KEVIN DEFORREST	50	M. FREE	SARA SHAND	USA	08-18-91	26.68
51.25	08-14-81	USA	JIM MONTGOMERY	100	M. FREE	SARA SHAND	USA	08-18-91	58.23
1:52.17	08-23-92	USA	JOHN KEPPELER	200	M. FREE	SARA SHAND	USA	- -89	2:07.11
4:03.63	06-29-97	USA	ALEX KOSTICH	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	DIANE GRANER	USA	08-20-89	30.80
57.45	04-13-97	NZL	JON WINTER	100	M. BACK	MONIQUE RODAHL	NZL	- -89	1:06.46
2:05.86	06-05-94	GBR	MARTIN HARRIS	200	M. BACK	DIANE GRANER	USA	08-20-89	2:19.97
28.68	06-25-96	GBR	JAMES PARRACK	50	M. BRST	S. SEMINATORE	ITA	- -89	32.01
1:04.11	06-24-96	GBR	JAMES PARRACK	100	M. BRST	CHARLOTTE MUSTARD	GBR	06-24-96	1:15.31
2:26.32	08-25-96	USA	ABRAHAM SOLANO	200	M. BRST	SHARRON DAVIES	GBR	- -90	2:42.02
25.16	-83-84	USA	DEFORREST/BOTTOM	50	M. FLY	ROSEMARIE SEAMAN	USA	08-24-87	28.79
56.34	04-28-84	USA	MICHAEL BOTTOM	100	M. FLY	ROSEMARIE SEAMAN	USA	- -87	1:03.91
2:05.25	- -84	TCH	M. LUKASEK	200	M. FLY	S PALMER-WHITE	AUS	- -92	2:18.69
				100	M. I.M.				
2:07.00	07-09-94	FRA	NICOLAS GRANGER	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 *****			***** 30-34 *****			***** W O M E N *****			
23.21	11-24-90	USA	ROWDY GAINES	50	M. FREE	S. NEILSON-BELL	USA	08-28-88	26.37
51.50	07-14-91	USA	ROWDY GAINES	100	M. FREE	S. NEILSON-BELL	USA	10-15-88	58.09
1:54.04	07-13-90	USA	ROWDY GAINES	200	M. FREE	BETH KNIGHT	USA	08-20-89	2:07.84
4:07.04	11-14-93	USA	ROWDY GAINES	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
16:36.06	08-22-93	USA	BOBBY PATTEN	1500	M. FREE	KAREN BURTON	USA	05-19-96	17:38.70
27.26	07-09-94	USA	SEAN MURPHY	50	M. BACK	D GRANER GALLAS	USA	06-26-96	30.94
58.66	07-09-94	USA	SEAN MURPHY	100	M. BACK	D GRANER GALLAS	USA	06-27-96	1:05.42
2:05.62	07-09-94	USA	SEAN MURPHY	200	M. BACK	K PIPES-NEILSEN	USA	08-11-96	2:18.98
29.42	07-05-92	USA	DAVID GUTHRIE	50	M. BRST	M. MOHMANN	GBR	- -88	34.56
1:05.65	08-18-91	USA	DAVID LUNDBERG	100	M. BRST	M. MOHMANN	GBR	- -88	1:14.52
2:24.06	08-18-91	USA	DAVID LUNDBERG	200	M. BRST	HIDEKA KOSHIMIZU	JPN	07-16-95	2:46.81
25.31	10-15-88	USA	MIKE BOTTOM	50	M. FLY	TRACIE MOLL	USA	08-18-97	29.07
56.64	10-15-88	USA	MIKE BOTTOM	100	M. FLY	PASCALE VERBAUWEN	BEL	06-25-96	1:04.80
2:03.85	08-04-95	USA	BOBBY PATTEN	200	M. FLY	K PIPES-NEILSEN	USA	08-11-96	2:20.12
				100	M. I.M.				
2:09.69	08-18-91	USA	DAVID LUNDBURG	200	M. I.M.	KARLYN PIPES	USA	05-26-96	2:25.68
4:40.22	07-09-94	USA	SEAN MURPHY	400	M. I.M.	HIDEKA KOSHIMIZU	JPN	10-22-95	5:05.05
***** M E N *****			***** 35-39 *****			***** W O M E N *****			
23.20	07-17-94	JPN	ROWDY GAINES	50	M. FREE	S NEILSON-BELL	USA	- -93	26.89
51.49	07-16-95	USA	ROWDY GAINES	100	M. FREE	S NEILSON-BELL	USA	- -94	58.94
1:55.36	07-17-94	JPN	ROWDY GAINES	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	BETH KNIGHT	USA	08-14-94	17:59.12
28.04	08-26-78	USA	THOMPSON MANN	50	M. BACK	K PIPES-NEILSEN	USA	06-29-97	31.83
1:00.95	08-22-93	USA	WILLIAM SPECHT	100	M. BACK	K PIPES-NEILSEN	USA	06-29-97	1:06.88
2:13.83	07-29-90	USA	TOM WOLF	200	M. BACK	K PIPES-NEILSEN	USA	08-10-97	2:18.20
29.40	08-25-96	GER	GERALD MORKEN	50	M. BRST	L WETZEL-OSBORNE	USA	08-20-89	34.41
1:05.67	08-27-95	USA	DAVID GUTHRIE	100	M. BRST	L WETZEL-OSBORNE	USA	08-20-90	1:17.44
2:24.37	08-04-95	USA	DAVID GUTHRIE	200	M. BRST	DAGMAR HILBIG	GER	04-28-96	2:50.66
25.93	08-01-93	USA	MICHAEL BOTTOM	50	M. FLY	SUSAN HALFACRE	USA	08-28-88	29.27
56.60	06-25-96	USA	JEFF STUART	100	M. FLY	K PIPES-NEILSEN	USA	08-10-97	1:04.89
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.				
2:15.21	07-09-94	BRA	DJAN MADRUGA	200	M. I.M.	K PIPES-NEILSEN	USA	06-29-97	2:25.31
4:50.18	07-09-94	UKR	SERGEY FESENKO	400	M. I.M.	K PIPES-NEILSEN	USA	06-29-97	5:07.21
***** M E N *****			***** 40-44 *****			***** W O M E N *****			
24.39	08-27-95	USA	RICK ABBOTT	50	M. FREE	S NEILSON-BELL	USA	08-25-96	27.39
54.45	06-23-96	FRA	V GALAVTINE	100	M. FREE	S NEILSON-BELL	USA	08-25-96	1:00.63
2:01.16	07-30-95	USA	HESS YNTEMA	200	M. FREE	LAURA VAL	USA	07-09-94	2:14.97
4:20.37	08-11-96	USA	HESS YNTEMA	400	M. FREE	LAURA VAL	USA	07-31-94	4:48.82
8:57.66	07-30-95	USA	HESS YNTEMA	800	M. FREE	LAURA VAL	USA	07-25-93	9:57.69
16:58.52	07-30-95	USA	HESS YNTEMA	1500	M. FREE	BARBARA DUNBAR	USA	08-30-92	19:00.40
29.10	06-26-96	USA	CLAY EVANS	50	M. BACK	LAURA VAL	USA	05-29-94	32.25
1:03.39	08-11-90	USA	PETER O'KEEFFE	100	M. BACK	LAURA VAL	USA	08-23-92	1:11.03
2:18.17	08-12-90	USA	PETER O'KEEFFE	200	M. BACK	B BAZUREAU	FRA	03-27-94	2:36.89
30.82	07-05-92	USA	PEDER DAHLBERG	50	M. BRST	DAGMAR FRESE	GER	06-25-96	35.88
1:09.47	08-18-97	USA	DOUG MALCOLM	100	M. BRST	DAGMAR FRESE	GER	06-24-96	1:18.57
2:32.17	08-23-92	USA	RICK COLELLA	200	M. BRST	DAGMAR FRESE	GER	06-23-96	2:56.17
26.62	08-27-95	USA	RICHARD HESS	50	M. FLY	LAURA VAL	USA	07-09-94	29.89
59.02	07-30-95	USA	HESS YNTEMA	100	M. FLY	LAURA VAL	USA	08-23-92	1:06.27
2:11.53	06-29-97	USA	JAMES BELARDI	200	M. FLY	LAURA VAL	USA	07-30-95	2:32.59
				100	M. I.M.				
2:17.64	07-30-95	USA	HESS YNTEMA	200	M. I.M.	S NEILSON-BELL	USA	08-25-96	2:38.18
4:53.03	07-30-95	USA	HESS YNTEMA	400	M. I.M.	LAURA VAL	USA	07-25-93	5:39.70

# TOP TEN - LONG COURSE METERS

AS OF 11-01-97

***** M E N *****			45-49 *****			***** W O M E N *****		
25.18	07-09-94	RSA	TERRY DOWNES	50 M.	FREE	LAURA VAL	USA	05-20-96 28.53
55.66	07-09-94	RSA	TERRY DOWNES	100 M.	FREE	LAURA VAL	USA	05-20-96 1:02.42
2:03.71	05-19-96	USA	TIM BRODERICK	200 M.	FREE	LAURA VAL	USA	05-20-96 2:18.05
4:24.37	07-28-96	USA	TIM BRODERICK	400 M.	FREE	LAURA VAL	USA	08-10-97 4:56.06
9:16.09	07-28-96	USA	TIM BRODERICK	800 M.	FREE	BARBARA DUNBAR	USA	08-27-95 10:20.34
17:38.65	08-25-96	USA	TODD BRYAN	1500 M.	FREE	BARBARA DUNBAR	USA	09-01-94 19:28.34
30.30	08-25-96	USA	RICHARD BOBER	50 M.	BACK	LAURA VAL	USA	07-27-97 32.93
1:05.64	08-27-95	USA	PETER O'KEEFE	100 M.	BACK	LAURA VAL	USA	07-27-97 1:12.70
2:23.84	08-27-95	USA	PETER O'KEEFE	200 M.	BACK	CECILIA MCCLOSKEY	USA	08-27-95 2:42.60
32.47	03-29-97	RSA	TIMOTHY SHEAD	50 M.	BRST	SUSAN ROY	USA	05-29-94 36.97
1:12.38	03-28-97	RSA	TIMOTHY SHEAD	100 M.	BRST	SUSAN ROY	USA	05-29-94 1:22.27
2:41.02	07-09-94	GER	GERHARD PREINER	200 M.	BRST	DEB WALKER	USA	08-18-97 3:01.69
27.12	08-23-92	USA	DAN THOMPSON	50 M.	FLY	ARDETH MUELLER	USA	08-24-87 30.74
1:02.47	06-25-96	USA	BOO GRANER GALLAS	100 M.	FLY	LAURA VAL	USA	05-20-96 1:08.60
2:21.84	06-27-96	USA	BOO GRANER GALLAS	200 M.	FLY	BARBARA DUNBAR	USA	08-14-94 2:38.78
				100 M.	I.M.			
2:22.06	08-11-96	USA	TIM BRODERICK	200 M.	I.M.	DANIELLE OGIER	USA	08-18-97 2:40.28
5:10.08	07-28-96	USA	TIM BRODERICK	400 M.	I.M.	DANIELLE OGIER	USA	06-29-97 5:45.85
***** M E N *****			50-54 *****			***** W O M E N *****		
25.93	08-25-96	USA	KEEFE LODWIG	50 M.	FREE	ARDETH MUELLER	USA	08-22-93 29.33
57.86	08-25-96	USA	KEEFE LODWIG	100 M.	FREE	CAROL FELLOWS	GBR	04-27-96 1:07.34
2:08.98	06-26-96	GBR	A MACGREGOR	200 M.	FREE	ARDETH MUELLER	USA	08-22-93 2:29.22
4:43.72	11-15-92	USA	TIMOTHY GARTON	400 M.	FREE	ARDETH MUELLER	USA	08-18-91 5:16.62
9:48.17	09-04-97	NED	D UIJTENBOGAART	800 M.	FREE	ARDETH MUELLER	USA	08-18-91 10:58.47
18:49.43	06-06-93	GBR	SANDY GALLETTY	1500 M.	FREE	ARDETH MUELLER	USA	07-28-91 21:02.46
30.63	07-06-97	USA	HUGH WILDER	50 M.	BACK	SATOKO TAKEUJI	JPN	09-15-92 34.87
1:07.16	07-06-97	USA	HUGH WILDER	100 M.	BACK	SATOKO TAKEUJI	JPN	07-16-95 1:18.86
2:29.35	06-29-97	USA	TIM BIRNIE	200 M.	BACK	SATOKO TAKEUJI	JPN	09-15-92 2:51.11
32.44	06-29-97	USA	DON MCKENZIE	50 M.	BRST	JAN MACLEOD	AUS	05-03-97 38.04
1:12.32	06-29-97	USA	DON MCKENZIE	100 M.	BRST	ELAINE BROMWICH	GBR	09-07-95 1:28.70
2:40.57	05-19-96	USA	ROBERT STRAND	200 M.	BRST	ELAINE BROMWICH	GBR	09-06-95 3:11.56
27.74	08-25-96	USA	KEEFE LODWIG	50 M.	FLY	ARDETH MUELLER	USA	08-22-93 31.69
1:02.94	06-29-97	USA	BOO GRANER-GALLAS	100 M.	FLY	ARDETH MUELLER	USA	08-22-93 1:13.86
2:26.17	06-29-97	USA	BOO GRANER-GALLAS	200 M.	FLY	ARDETH MUELLER	USA	08-18-91 2:49.53
				100 M.	I.M.			
2:28.70	08-22-93	USA	TIMOTHY GARTON	200 M.	I.M.	BRIGITTE MERTEN	GER	06-24-96 2:52.11
5:20.78	06-22-96	USA	JOHN CALVERT	400 M.	I.M.	ARDETH MUELLER	USA	07-05-92 6:12.08
***** M E N *****			55-59 *****			***** W O M E N *****		
27.05	07-09-94	SWE	PETER BERGENGREN	50 M.	FREE	ARDETH MUELLER	USA	08-10-97 30.83
59.82	08-18-97	USA	JACK GEOGHEGAN	100 M.	FREE	YOSHIKO OSAKI	JPN	07-18-93 1:11.01
2:17.63	07-09-94	USA	JEFF FARRELL	200 M.	FREE	ARDETH MUELLER	USA	07-19-97 2:34.88
4:53.35	04-26-97	GBR	SANDY GALLETTY	400 M.	FREE	ARDETH MUELLER	USA	07-19-97 5:25.59
10:13.32	04-26-97	GBR	SANDY GALLETTY	800 M.	FREE	ARDETH MUELLER	USA	08-10-97 11:15.07
19:09.48	06-08-97	GBR	SANDY GALLETTY	1500 M.	FREE	ARDETH MUELLER	USA	08-10-97 21:09.91
32.36	08-18-97	USA	JACK GEOGHEGAN	50 M.	BACK	MARGARET WILDING	GBR	06-22-96 36.77
1:12.30	03-09-97	USA	STEVEN THRASHER	100 M.	BACK	SATOKO TAKEUJI	JPN	07-21-97 1:19.65
2:37.16	09-03-94	NZL	BARRY YOUNG	200 M.	BACK	SATOKO TAKEUJI	JPN	07-24-97 2:56.13
33.03	07-18-93	JPN	HIROSHI KOTEGAWA	50 M.	BRST	MONIKA SENFTLEBEN	GER	09-06-97 39.54
1:17.87	08-28-88	USA	JOHN KORTHEUER	100 M.	BRST	HANNELORE ROESE	GER	09-04-97 1:29.53
2:50.44	06-29-97	USA	WILLIAM GONZALEZ	200 M.	BRST	HANNELORE ROESE	GER	09-03-97 3:15.19
29.20	12-01-96	JPN	RYUJI TAKAMINE	50 M.	FLY	GAIL ROPER	USA	08-20-85 35.29
1:07.68	03-29-97	AUS	PETER GILMOUR	100 M.	FLY	ARDETH MUELLER	USA	08-10-97 1:21.91
2:34.90	03-27-97	AUS	PETER GILMOUR	200 M.	FLY	FLORA CONNOLLY	GBR	- -89 3:17.68
				100 M.	I.M.			
2:39.32	07-27-97	USA	EDWARD CAZALET	200 M.	I.M.	YOSHIKO OSAKI	JPN	10-01-95 2:59.15
5:36.39	06-29-97	USA	WILLIAM GONZALEZ	400 M.	I.M.	YOSHIKO OSAKI	JPN	10-03-93 6:18.94
***** M E N *****			60-64 *****			***** W O M E N *****		
27.80	07-30-95	USA	BOB BAILIE	50 M.	FREE	JAYNE BRUNER	USA	08-28-94 33.11
1:02.80	07-05-92	USA	DONALD HILL	100 M.	FREE	JANE ASHER	GBR	- -91 1:14.25
2:22.96	06-29-97	USA	DAVID HARRISON	200 M.	FREE	LAVELLE STOINOFF	USA	07-11-93 2:43.83
5:04.56	07-30-95	USA	GRAHAM JOHNSTON	400 M.	FREE	LAVELLE STOINOFF	USA	07-11-93 5:47.52
10:34.02	07-30-95	USA	GRAHAM JOHNSTON	800 M.	FREE	LAVELLE STOINOFF	USA	05-29-94 12:01.79
20:04.73	07-30-95	USA	GRAHAM JOHNSTON	1500 M.	FREE	LAVELLE STOINOFF	USA	05-28-95 22:50.81
33.13	08-28-94	USA	YOSHI OYAKAWA	50 M.	BACK	BETSY JORDAN	USA	06-29-97 38.76
1:14.72	08-28-94	USA	YOSHI OYAKAWA	100 M.	BACK	BETSY JORDAN	USA	06-29-97 1:24.45
2:45.93	08-22-93	USA	DONALD BROWN	200 M.	BACK	BETSY JORDAN	USA	06-29-97 3:06.23
34.59	09-24-95	JPN	AKIO SUGIYAMA	50 M.	BRST	JAYNE BRUNER	USA	08-25-96 42.48
1:20.56	06-24-96	GBR	THOMAS WALKER	100 M.	BRST	JAYNE BRUNER	USA	08-25-96 1:34.12
2:58.37	06-23-96	GBR	THOMAS WALKER	200 M.	BRST	MASAYO AZUMA	JPN	09-29-96 3:24.38
30.35	07-30-95	USA	BOB BAILIE	50 M.	FLY	JAYNE BRUNER	USA	08-28-94 38.10
1:14.98	07-09-94	USA	WALLY DOBLER	100 M.	FLY	HAIKE HOLER	GER	06-25-96 1:30.17
2:56.96	04-21-97	BRA	LUIS RICARDO SIMI	200 M.	FLY	FLORA CONNOLLY	GBR	06-05-94 3:26.76
				100 M.	I.M.			
2:50.08	08-22-93	USA	GRAHAM JOHNSTON	200 M.	I.M.	FLORA CONNOLLY	GBR	07-06-93 3:15.30
6:04.99	08-18-91	USA	GRAHAM JOHNSTON	400 M.	I.M.	FLORA CONNOLLY	GBR	07-09-94 6:57.33

# TOP TEN - LONG COURSE METERS

AS OF 11-01-97

*****		M E N		*****		65-69		*****		W O M E N		*****	
28.78	06-27-96	ESP	ROBERTO ALBERICHE	50	M.	FREE	GAIL ROPER	USA	08-25-96	34.17			
1:03.39	06-23-96	ESP	ROBERTO ALBERICHE	100	M.	FREE	JANE ASHER	GBR	03-24-96	1:15.29			
2:21.74	06-26-96	ESP	ROBERTO ALBERICHE	200	M.	FREE	CLARA WALKER	USA	07-05-92	2:48.51			
5:03.36	08-25-96	USA	GRAHAM JOHNSTON	400	M.	FREE	CLARA WALKER	USA	08-18-91	6:05.22			
10:29.26	06-29-97	USA	GRAHAM JOHNSTON	800	M.	FREE	CLARA WALKER	USA	07-05-92	12:27.60			
20:16.54	08-25-96	USA	GRAHAM JOHNSTON	1500	M.	FREE	CLARA WALKER	USA	08-02-92	24:07.05			
35.47	08-20-89	USA	GEORGE GANDSEY	50	M.	BACK	CLARA WALKER	USA	08-23-92	39.85			
1:20.62	04-07-96	AUS	BOB BARRY	100	M.	BACK	DORIS STEADMAN	USA	08-20-90	1:31.58			
2:53.42	06-25-96	AUS	BOB BARRY	200	M.	BACK	DORIS STEADMAN	USA	08-20-90	3:17.12			
37.32	08-18-97	USA	JOHN KORTHEUER	50	M.	BRST	EDITH BOEHM	GER	07-09-94	43.42			
1:26.06	05-18-96	CAN	NICK TEMPLEMAN	100	M.	BRST	EDITH BOEHM	GER	06-24-96	1:42.04			
3:14.03	05-19-96	CAN	NICK TEMPLEMAN	200	M.	BRST	MARGARET EVANS	GBR	- -89	3:45.71			
33.04	07-21-97	JPN	MASAYASU KAMIYA	50	M.	FLY	GAIL ROPER	USA	07-28-96	39.18			
1:20.59	08-23-92	USA	JOSEPH KURTZMAN	100	M.	FLY	GAIL ROPER	USA	07-28-96	1:36.68			
3:08.79	07-12-91	USA	JOSEPH KURTZMAN	200	M.	FLY	JUNE KRAUSER	USA	07-09-94	3:36.25			
				100	M.	I.M.							
2:49.71	06-24-96	ESP	ROBERTO ALBERICHE	200	M.	I.M.	JANE ASHER	GBR	03-24-96	3:20.26			
6:05.15	06-22-96	ESP	ROBERTO ALBERICHE	400	M.	I.M.	CLARA WALKER	USA	08-23-92	7:09.69			
*****		M E N		*****		70-74		*****		W O M E N		*****	
29.35	08-26-84	USA	KELLEY LEMMON	50	M.	FREE	CLARA WALKER	USA	08-11-96	36.13			
1:10.16	08-13-95	USA	FRANK PIEMME	100	M.	FREE	CLARA WALKER	USA	08-11-96	1:21.57			
2:38.43	06-26-96	USA	FRANK PIEMME	200	M.	FREE	CLARA WALKER	USA	08-10-96	3:04.56			
5:48.08	08-27-95	USA	FRANK PIEMME	400	M.	FREE	CLARA WALKER	USA	08-10-96	6:33.15			
12:03.73	06-17-95	USA	FRANK PIEMME	800	M.	FREE	JUNE KRAUSER	USA	06-28-96	13:15.45			
23:03.23	07-08-95	USA	FRANK PIEMME	1500	M.	FREE	JUNE KRAUSER	USA	06-08-96	25:11.23			
37.10	07-30-95	USA	PAUL HUTINGER	50	M.	BACK	DORIS STEADMAN	USA	06-26-96	42.29			
1:24.14	07-30-95	USA	PAUL HUTINGER	100	M.	BACK	DORIS STEADMAN	USA	08-27-95	1:35.11			
3:04.42	08-18-97	USA	ROGER FRANKS	200	M.	BACK	DORIS STEADMAN	USA	08-27-95	3:28.69			
39.15	07-16-95	JPN	TOSHIO TAJIMA	50	M.	BRST	TSUNEKO MITA	JPN	09-25-94	49.47			
1:31.05	08-25-96	GER	ROBERT PFERSDORFT	100	M.	BRST	CHIYOKO OKURA	JPN	07-21-97	1:50.09			
3:26.27	06-23-96	GER	KARL-HEINZ KNOPS	200	M.	BRST	MARGARET EVANS	GBR	06-05-94	4:03.16			
33.79	06-22-96	USA	FRANK PIEMME	50	M.	FLY	JUNE KRAUSER	USA	06-08-96	43.62			
1:24.84	06-25-96	USA	JOSEPH KURTZMAN	100	M.	FLY	JUNE KRAUSER	USA	06-25-96	1:40.85			
3:22.01	09-04-97	GER	VALENTIN WEBER	200	M.	FLY	JUNE KRAUSER	USA	06-27-96	3:39.91			
				100	M.	I.M.							
3:06.43	06-24-96	ESP	JESUS DOMINGUEZ	200	M.	I.M.	JUNE KRAUSER	USA	06-08-96	3:33.75			
6:52.07	07-22-95	USA	FRANK PIEMME	400	M.	I.M.	JUNE KRAUSER	USA	06-22-96	7:30.91			
*****		M E N		*****		75-79		*****		W O M E N		*****	
32.50	08-28-83	USA	LYLE COLLET	50	M.	FREE	J DRAKE-BROCKMAN	AUS	04-06-96	38.22			
1:13.84	05-28-95	USA	RAY TAFT	100	M.	FREE	J DRAKE-BROCKMAN	AUS	06-23-96	1:30.42			
2:51.62	05-28-95	USA	RAY TAFT	200	M.	FREE	MARGERY MEYER	USA	06-29-97	3:19.07			
6:17.36	07-14-96	JPN	DOMEI SUZUKI	400	M.	FREE	MARGERY MEYER	USA	06-29-97	7:18.50			
12:58.14	06-10-95	USA	RAY TAFT	800	M.	FREE	MARGERY MEYER	USA	06-29-97	14:32.25			
24:51.78	10-22-95	JPN	DOMEI SUZUKI	1500	M.	FREE	RITA SIMONTON	USA	07-10-93	29:45.90			
39.49	07-09-94	USA	RAY TAFT	50	M.	BACK	WILLY VAN RYSEL	GBR	- -91	46.64			
1:29.52	08-27-95	USA	RAY TAFT	100	M.	BACK	BUNNY CEDERLUND	USA	08-18-97	1:46.70			
3:15.00	11-13-94	USA	RAY TAFT	200	M.	BACK	J DRAKE-BROCKMAN	AUS	06-25-96	3:57.14			
42.58	- -90	JPN	HIROMU YOSHIMOTO	50	M.	BRST	BETTY CHRISTIAN	USA	06-25-96	52.06			
1:37.55	09-05-93	ITA	AUGUSTO ROMANO	100	M.	BRST	BETTY CHRISTIAN	USA	06-24-96	2:00.48			
3:34.86	07-09-94	ITA	AUGUSTO ROMANO	200	M.	BRST	BETTY CHRISTIAN	USA	06-23-96	4:27.26			
37.57	07-31-94	USA	RAY TAFT	50	M.	FLY	CATHERINE KERR	CAN	06-22-96	53.84			
1:39.80	07-05-92	USA	ANTON CERER	100	M.	FLY	KAY SCHIMPF	USA	08-30-92	2:19.44			
3:43.56	07-05-92	USA	ANTON CERER	200	M.	FLY	MAXINE MERLINO	USA	05-28-88	4:54.79			
				100	M.	I.M.							
3:24.38	11-13-94	USA	RAY TAFT	200	M.	I.M.	CATHERINE KERR	CAN	05-18-96	4:12.90			
7:21.75	05-28-95	USA	RAY TAFT	400	M.	I.M.	MAXINE MERLINO	USA	08-09-87	9:11.23			
*****		M E N		*****		80-84		*****		W O M E N		*****	
33.88	08-08-93	USA	WOODROW BOWERSOCK	50	M.	FREE	HATSUHO SUGAYA	JPN	09-25-94	41.31			
1:19.28	07-16-95	JPN	HIKOJI UEKI	100	M.	FREE	UME WADA	JPN	- -91	1:39.30			
3:03.45	07-16-95	JPN	HIKOJI UEKI	200	M.	FREE	UME WADA	JPN	- -92	3:44.00			
6:40.63	07-16-95	JPN	HIKOJI UEKI	400	M.	FREE	MARJORIE SHARPE	USA	08-18-97	7:56.31			
13:50.05	07-09-94	CAN	NORBERT ARTUS	800	M.	FREE	MARJORIE SHARPE	USA	08-18-97	16:39.04			
28:44.42	08-18-97	USA	ROBERT JOHNSTON	1500	M.	FREE	MARJORIE SHARPE	USA	07-27-97	32:09.15			
43.15	07-16-95	JPN	TOSHIJI SATO	50	M.	BACK	MYRTLE WRIGHT	AUS	- -89	53.73			
1:39.11	07-14-96	JPN	TOSHIJI SATO	100	M.	BACK	MYRTLE WRIGHT	AUS	- -89	2:01.87			
3:42.95	08-27-95	USA	EDWARD SHEA	200	M.	BACK	MYRTLE WRIGHT	AUS	- -89	4:22.89			
43.82	07-21-97	JPN	Y MIYAMOTO	50	M.	BRST	DOROTHY WESTON	GBR	06-06-93	59.60			
1:45.24	08-24-97	JPN	Y MIYAMOTO	100	M.	BRST	DOROTHY WESTON	GBR	06-06-93	2:17.08			
3:57.75	07-27-97	USA	ALDO DA ROSA	200	M.	BRST	DOROTHY WESTON	GBR	06-06-93	5:01.36			
43.46	07-21-97	JPN	Y MIYAMOTO	50	M.	FLY	MARIA LENK	BRA	04-23-95	1:01.41			
1:52.37	06-25-96	USA	ANTON CERER	100	M.	FLY	JEAN DURSTON	USA	07-31-94	2:27.91			
4:12.40	06-27-96	USA	ANTON CERER	200	M.	FLY	JEAN DURSTON	USA	07-31-94	5:24.52			
				100	M.	I.M.							
3:47.18	06-24-96	USA	ANTON CERER	200	M.	I.M.	MARIA LENK ZIGLER	USA	08-27-95	4:41.09			
8:10.67	07-27-97	USA	ALDO DA ROSA	400	M.	I.M.	MAXINE MERLINO	USA	08-23-92	10:05.13			

# TOP TEN - LONG COURSE METERS

AS OF 11-01-97

***** M E N ***** 85-89 ***** W O M E N *****										
40.37	08-02-97	GER	R REINSTADTLER	50	M.	FREE	UME WADA	JPN	06-09-96	49.84
1:36.11	06-28-97	GER	R REINSTADTLER	100	M.	FREE	UME WADA	JPN	07-21-97	2:00.66
3:48.91	10-01-88	USA	GUS LANGNER	200	M.	FREE	UME WADA	JPN	12-01-96	4:26.52
8:14.50	08-28-88	USA	GUS LANGNER	400	M.	FREE	UME WADA	JPN	06-08-97	9:31.21
17:11.21	10-15-88	USA	GUS LANGNER	800	M.	FREE	MAXINE MERLINO	USA	08-10-97	20:11.43
33:08.42	08-20-89	USA	GUS LANGNER	1500	M.	FREE	MAXINE MERLINO	USA	08-10-97	38:20.39
48.11	06-29-97	GER	R REINSTADTLER	50	M.	BACK	AILEEN SOULE	USA	08-18-91	58.42
1:53.67	09-03-97	GER	R REINSTADTLER	100	M.	BACK	AILEEN SOULE	USA	06-09-91	2:13.13
4:12.45	04-26-97	GER	R REINSTADTLER	200	M.	BACK	AILEEN SOULE	USA	06-09-91	4:47.82
51.52	08-27-95	GER	KARL WITTENBERG	50	M.	BRST	MARTI GOGNIAT	USA	07-27-96	1:09.85
2:10.64	07-21-97	JPN	MITSUO SHIMO	100	M.	BRST	MARTI GOGNIAT	USA	08-11-96	2:39.02
4:36.86	07-28-96	USA	HAROLD PERRY	200	M.	BRST	UME WADA	JPN	12-01-96	5:38.79
57.93	08-27-95	USA	JESSE COON	50	M.	FLY	MAXINE MERLINO	USA	07-26-97	1:13.84
2:30.73	06-25-96	USA	JESSE COON	100	M.	FLY	MAXINE MERLINO	USA	08-10-97	2:59.55
5:24.28	05-07-93	AUS	FRANK GRIFFITHS	200	M.	FLY	KATHERINE PELTON	USA	08-12-90	7:18.41
				100	M.	I.M.				
4:40.15	05-07-93	AUS	FRANK GRIFFITHS	200	M.	I.M.	MAXINE MERLINO	USA	08-10-97	5:27.56
10:28.43	03-25-94	AUS	FRANK GRIFFITHS	400	M.	I.M.	MAXINE MERLINO	USA	07-26-97	11:21.06
***** M E N ***** 90-94 ***** W O M E N *****										
48.70	08-08-93	USA	GUS LANGNER	50	M.	FREE	AILEEN SOULE	USA	08-25-96	55.76
1:57.91	08-22-93	USA	GUS LANGNER	100	M.	FREE	AILEEN SOULE	USA	08-25-96	2:19.62
4:28.34	08-22-93	USA	GUS LANGNER	200	M.	FREE	AILEEN SOULE	USA	08-25-96	5:21.55
9:40.04	03-27-97	AUS	ALFREDO CHERCHI	400	M.	FREE	AILEEN SOULE	USA	08-16-97	11:45.66
20:13.74	08-01-93	USA	GUS LANGNER	800	M.	FREE	ANNA BAUSCHER	USA	08-28-94	30:55.09
36:47.02	08-22-93	USA	GUS LANGNER	1500	M.	FREE				
1:06.09	02-01-97	AUS	ALFREDO CHERCHI	50	M.	BACK	AILEEN SOULE	USA	08-25-96	1:03.49
2:30.67	06-07-97	GER	FRITZ MONKE	100	M.	BACK	AILEEN SOULE	USA	08-25-96	2:23.23
5:36.88	06-11-95	USA	PETER JURCZYK	200	M.	BACK	AILEEN SOULE	USA	06-29-97	5:29.07
1:16.01	08-27-95	USA	ANDREW KALLUNKI	50	M.	BRST	DEL ROWLEY	AUS	04-17-95	2:13.81
3:08.18	06-24-96	FRA	GEORGES SEJOURNE	100	M.	BRST	DEL ROWLEY	AUS	03-03-96	5:06.09
6:24.54	08-01-93	USA	GUS LANGNER	200	M.	BRST	DEL ROWLEY	AUS	10-22-95	10:39.50
				50	M.	FLY	ANNA BAUSCHER	USA	08-28-94	4:57.25
				100	M.	FLY				
				200	M.	FLY				
				100	M.	I.M.				
6:59.87	06-11-95	USA	PETER JURCZYK	200	M.	I.M.	ANNA BAUSCHER	USA	08-28-94	12:10.93
				400	M.	I.M.				
***** M E N ***** 95-99 ***** W O M E N *****										
1:41.72	07-08-95	USA	JOHN WHITTEMORE	50	M.	FREE				
				100	M.	FREE				
				200	M.	FREE				
				400	M.	FREE				
				800	M.	FREE				
				1500	M.	FREE				
				50	M.	BACK				
				100	M.	BACK				
				200	M.	BACK				
				50	M.	BRST				
				100	M.	BRST				
				200	M.	BRST				
				50	M.	FLY				
				100	M.	FLY				
				200	M.	FLY				
				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.				

# TOP TEN - LONG COURSE METERS

AS OF 11-01-97

***** RELAY 200 M. FREE - WOMEN *****			***** RELAY 200 M. MEDLEY - WOMEN *****		
100-119 HOLMES-USA	08-28-88	1:53.20	100-119 HOLMES - USA	08-28-88	2:06.67
MARY HOLMES	SUSAN HALFACRE		BETH MAUER	DEB WALKER	
BETH MAUER	TISH BUCHER		TISH BUCHER	MARY HOLMES	
120-159 LONE STAR-USA	08-24-87	1:53.05	120-159 HOLMES - USA	- -88	2:08.21
MONICA BURK	BRIGITTE HEUER				
L. MORRISON-CASEY	JACKI HIRSTY				
160-199 REGATAS-PER	11-12-95	1:59.32	160-199 LOS ALTOS-USA	05-29-94	2:12.91
C CHANGANAQUI	F CHANGANAQUI		CHRIS BREEDY	SUSAN ROY	
ROSARIO VIVANCO	SANDRA CROUSSE		LAURA VAL	CAROLYN BOAK	
200-239 LOS ALTOS-USA	05-29-94	2:08.96	200-239 NEUK-GER	07-05-92	2:27.18
LAURA VAL	SUSAN ROY		BRIGITTE MERTEN	MONIKA SENFTLEBEN	
DELLA SEHORN	CAROLYN BOAK		HEIDI KAMPSCHULTE	MARGA SCHULZE	
240-279 NEW ENGLAND-USA	07-09-94	2:25.83	240-279 ETTALONG-AUS	03-28-97	2:49.52
JENNIFER LUKER	DIANE REED		PAMELA HUTCHINGS	BRENDA CASEY	
BILLIE BURRILL	CLARA WALKER		ELVERA DUNN	IRMA HEYTING	
280-319 NEW ENGLAND-USA	08-11-96	2:38.52	280-319 KOEI KAI-JPN	07-14-96	3:24.14
CLARA WLAKER	BILLIE BURRILL		KUMIKO KUBO	KAZUKO FUKAGAWA	
PETEY SMITH	DIANE REED		MASAKO HOTEHAMA	TOMIKO OMORI	
320-359 COAST-USA	08-11-96	4:12.88	320-359 OAHUKIOICHO-JPN	07-21-97	4:38.16
MAURINE KORNFELD	MAXINE MERLINO		SACHIKO UTA	TAYO FURUYA	
MADELEINE MILLER	MARTI GOGNIAT		HIDEKO MORI	YOSHIKO WATANABE	

***** 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 POWERS-AUS	04-07-90	1:49.84
JANNE VIRTANEN	ARI JAAKKOLA		BRAD COOPER	NEIL GYNTHNER	
JAANE VIRTANEN	TOMMY RUNDGREN		ANKER BRODERSEN	ANGUS WADDELL	
120-159 LONE STAR-USA	07-16-86	1:37.43	120-159 RED FISH-SUI	07-09-94	1:48.75
DAVID HAGUE	JAMES MONTGOMERY		PATRICK FERLAND	ETIENNE DAGON	
TRIP HEDRICK	BUCK SMITH		THEOPHILE DAVID	STEFAN VOLERY	
160-199 HOLMES - USA	08-11-90	1:39.27	160-199 BAYLOR/LSTR-USA	07-09-94	1:53.79
JAMES LILLEY	C. MILTENBERGER		MEL NASH	BARRY HAMILTON	
RICHARD ABRAHAMS	TIMOTHY GARTON		TRIPP HEDRICK	DAVID HAGUE	
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 OLYMPIC CLUB	06-29-97	1:54.45	240-279 OLYMPIC CLUB	06-29-97	2:17.51
RICHARD BASSI	JAMES KRUEGER		RICHARD BASSI	TIM TIMKEN	
BILL VAN HORN	PHILLIP CHAPMAN		JAMES KRUEGER	PHILLIP CHAPMAN	
280-319 SHUEI-JPN	09-15-92	2:10.18	280-319 MAVERICK - USA	08-18-97	2:33.50
SHUICHI MURAYAMA	JUZO TSUBOTA		PAUL HUTINGER	ROBERT MACDONALD	
ISAMU TAMURA	KEIJIRO NAKAMURA		JOSEPH KURTZMAN	ALAN MALONEY	
320-359 COAST - USA	08-11-96	2:35.13	320-359 COAST - USA	08-13-95	3:06.15
LOUIS GIBERSON	WOODROW BOWERSOCK		BRION WINSHIP	WALTER PFEIFFER	
WALTER PFEIFFER	R CHRISTIANS		ROBERT CHRISTIANS	WOODROW BOWERSOCK	

***** RELAY 200 M. FREE - MIXED *****			***** RELAY 200 M. MEDLEY - MIXED *****		
100-119 HOLMES - USA	- -88	1:43.89	100-119 HOLMES - USA	08-28-88	1:56.58
			BETH MAUER	BRUCE HOWELL	
			SAM SEIPLE	MARY HOLMES	
120-159 HOLMES - USA	- -88	1:44.83	120-159 MICHIGAN-USA	08-25-96	1:57.58
			DYNE BURRELL	MARK VANDERMAY	
			MICHAEL GREEN	CORRIN POPPS	
160-199 ROCKY MT. - USA	07-05-92	1:47.46	160-199 HOLMES - USA	- -88	2:02.10
CATHY DROZDA	JUDY REED				
TOM WHATLEY	RICHARD ABRAHAMS				
200-239 LOS ALTOS - USA	07-09-94	1:55.50	200-239 TEAM TEXAS-USA	08-18-97	2:12.71
EDWARD CAZALET	LAURA VAL		KARLENE WISE	CHUCK BALDWIN	
ARLENE PROEBSTING	ROBERT PROEBSTING		KEITH BELL	S NEILSON-BELL	
240-279 SAN DIEGO-USA	06-29-97	2:07.26	240-279 OLYMPIC CLUB	06-29-97	2:27.14
DONALD BAKER	JEANNE LITTLE		MARGERY MEYER	DANIELLE OGIER	
JACKIE MARR	BILL EARLEY		STEVE CLARK	PHILLIP CHAPMAN	
280-319 OREGON - USA	08-23-92	2:31.29	280-319 HOLMES - USA	- -88	2:37.98
GERALD HUESTIS	ANDREW HOLDEN				
PETEY SMITH	PAULINE STANGEL				
320-359 DC MASTERS-USA	08-01-93	3:03.15	320-359 RIO MASTERS-BRA	11-26-95	3:54.87
NANCY CLARK	ANNE WALKER		ALBERTO MIBIELLI	LUZIA CARACCILO	
KELLEY LEMMON	DAVID MCAFEE		MARIA LENK	GASTAO FIGUEIREDO	

# FINA WORLD SHORT COURSE METERS

AS OF 11-01-97

***** M E N *****				25-29	***** W O M E N *****			
22.48	12-04-93	USA	ROBERT PEEL	50 M. FREE	DYNE BURRELL	USA	03-31-96	26.64
49.91	12-10-95	USA	BJORN ZIKARSKY	100 M. FREE	SHEILA TAORMINA	USA	03-31-96	56.30
1:48.81	12-10-95	USA	JOHN KEPPELER	200 M. FREE	SHEILA TAORMINA	USA	03-31-96	1:59.78
3:59.78	10-17-93	GBR	GAVIN LILLEY	400 M. FREE	SHEILA TAORMINA	USA	03-31-96	4:24.18
8:29.19	- -92	SWE	T LENNARTSSON	800 M. FREE	SHEILA TAORMINA	USA	03-31-96	8:51.18
16:23.21	04-11-92	USA	ROB MACKLE	1500 M. FREE	SHEILA TAORMINA	USA	03-31-96	16:36.07
25.43	10-16-94	GBR	MARTIN HARRIS	50 M. BACK	DIANE GRANER	USA	10-15-89	30.63
54.82	11-12-94	GBR	MARTIN HARRIS	100 M. BACK	DIANE GRANER	USA	10-15-89	1:04.66
2:01.78	10-16-94	GBR	MARTIN HARRIS	200 M. BACK	J.DE ROVER	NED	- -92	2:17.86
28.81	- -90	AUS	GUY FARROW	50 M. BRST	RIA WILLEMSE	NED	- -90	33.60
1:04.40	03-15-97	SWE	PATRIC ROBERTSSON	100 M. BRST	RIA WILLEMSE	NED	- -90	1:13.60
2:20.43	12-14-96	USA	ABRAHAM SOLANO	200 M. BRST	LOUISE KEOGH	USA	04-23-94	2:40.90
25.20	03-16-97	SWE	JONAS AKESSON	50 M. FLY	SHEILA TAORMINA	USA	03-31-96	28.68
56.11	10-15-95	USA	MARTIN HERRMANN	100 M. FLY	SHEILA TAORMINA	USA	03-31-96	1:01.33
2:05.97	10-17-93	GBR	GAVIN LILLEY	200 M. FLY	S. PALMER-WHITE	AUS	- -91	2:17.13
56.90	11-12-94	GBR	MARTIN HARRIS	100 M. I.M.	MONIQUE RODAHL	NZL	06-04-89	1:06.84
2:05.93	12-10-95	USA	JOHN KEPPELER	200 M. I.M.	BIRGIT DEURING	GER	11-03-96	2:23.47
4:26.79	12-10-95	USA	JOHN KEPPELER	400 M. I.M.	BIRGIT DEURING	GER	11-03-96	5:04.56
***** M E N *****				30-34	***** W O M E N *****			
22.82	10-15-89	JPN	ROWDY GAINES	50 M. FREE	ANNA PETTIS-SCOTT	USA	04-17-93	26.46
50.51	10-15-89	JPN	ROWDY GAINES	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
3:59.83	06-24-94	USA	BRUCE HAYES	400 M. FREE	K PIPES-NEILSEN	USA	12-01-96	4:22.70
8:19.44	06-24-94	USA	BRUCE HAYES	800 M. FREE	K PIPES-NEILSEN	USA	09-22-96	9:08.34
16:21.25	06-24-94	USA	BRUCE HAYES	1500 M. FREE	KAREN BURTON	USA	12-11-94	17:23.60
26.58	04-16-94	USA	JAY YARID	50 M. BACK	D GRANER GALLAS	USA	12-15-96	30.14
56.83	11-27-93	USA	JAY YARID	100 M. BACK	K PIPES-NEILSEN	USA	12-10-95	1:03.96
2:04.63	11-27-93	USA	JAY YARID	200 M. BACK	K PIPES-NEILSEN	USA	12-01-96	2:16.62
29.21	10-13-96	USA	DEAN PUTTERMAN	50 M. BRST	SUKI BROWNSDON	GBR	10-28-95	33.13
1:04.23	01-09-94	NED	FRANK VIJVER	100 M. BRST	SUKI BROWNSDON	GBR	10-27-95	1:11.81
2:24.52	05-22-95	CAN	SERGE SCORE	200 M. BRST	SUKI BROWNSDON	GBR	10-28-95	2:40.51
25.06	04-09-89	USA	MICHAEL BOTTOM	50 M. FLY	D GRANER GALLAS	USA	12-15-96	29.20
54.82	05-19-96	JPN	HIROSHI MIURA	100 M. FLY	K PIPES-NEILSEN	USA	12-01-96	1:03.80
2:05.73	07-20-96	GBR	IAN BECK	200 M. FLY	K PIPES-NEILSEN	USA	12-01-96	2:19.64
57.84	05-19-96	JPN	HIROSHI MIURA	100 M. I.M.	K PIPES-NEILSEN	USA	12-10-95	1:05.16
2:06.69	10-05-96	GBR	PAUL BREW	200 M. I.M.	K PIPES-NEILSEN	USA	12-10-95	2:20.90
4:33.17	10-22-95	USA	JEROME FRENTSOS	400 M. I.M.	K PIPES-NEILSEN	USA	12-15-96	4:53.85
***** M E N *****				35-39	***** W O M E N *****			
23.80	12-11-94	USA	BRUCE STAHL	50 M. FREE	S. NEILSON-BELL	USA	11-19-95	26.13
52.64	10-02-94	AUS	MARK MORGAN	100 M. FREE	S. NEILSON-BELL	USA	12-03-94	57.71
1:57.08	10-02-94	AUS	MARK MORGAN	200 M. FREE	S. NEILSON-BELL	USA	06-25-95	2:07.58
4:13.00	03-22-97	SUI	JAMES FURRER	400 M. FREE	LYNN MARSHALL	CAN	06-30-97	4:31.98
8:44.90	03-31-96	SUI	JAMES FURRER	800 M. FREE	LYNN MARSHALL	CAN	10-05-96	9:21.94
17:06.28	04-10-94	NOR	ARNE BORGSTROM	1500 M. FREE	BETH KNIGHT	USA	12-11-94	17:43.10
26.84	03-23-96	USA	CLAY BRITT	50 M. BACK	Laura Val	USA	10-06-91	32.50
58.25	03-23-96	USA	CLAY BRITT	100 M. BACK	KARIN SEICK	GER	10-27-96	1:05.93
2:10.01	10-10-93	USA	WILLIAM SPECHT	200 M. BACK	LYNN MARSHALL	CAN	06-30-97	2:29.93
28.87	03-15-97	GER	GERALD MORKEN	50 M. BRST	LESLIE OSBORNE	USA	10-15-89	34.63
1:04.02	03-15-97	GER	GERALD MORKEN	100 M. BRST	LESLIE OSBORNE	USA	10-15-89	1:16.70
2:22.64	04-27-96	CAN	SERGE SCORE	200 M. BRST	LESLIE OSBORNE	USA	10-15-89	2:50.93
25.89	10-10-93	USA	WILLIAM SPECHT	50 M. FLY	Laura Val	USA	10-06-91	30.05
57.02	10-10-93	USA	WILLIAM SPECHT	100 M. FLY	MARIA VELIKONJA	USA	03-27-93	1:07.28
2:06.48	10-09-94	USA	WILLIAM SPECHT	200 M. FLY	Laura Val	USA	10-20-91	2:28.96
1:00.79	03-21-92	USA	RICHARD HESS	100 M. I.M.	K PIPES-NEILSEN	USA	06-15-97	1:06.57
2:14.75	04-24-94	USA	MATT CLARK	200 M. I.M.	K PIPES-NEILSEN	USA	06-15-97	2:23.15
4:44.33	06-14-97	POL	DARIUSZ WOLNY	400 M. I.M.	LYNN MARSHALL	CAN	06-30-97	5:16.74
***** M E N *****				40-44	***** W O M E N *****			
24.42	04-09-95	USA	CHARLES NORELLI	50 M. FREE	Laura Val	USA	10-15-95	27.74
53.25	12-11-95	USA	RICK ABBOTT	100 M. FREE	Laura Val	USA	11-14-93	1:00.68
1:57.83	06-25-95	USA	HESS YNTEMA	200 M. FREE	Laura Val	USA	12-10-95	2:14.14
4:09.31	06-25-95	USA	HESS YNTEMA	400 M. FREE	Laura Val	USA	12-10-95	4:42.94
8:49.83	06-25-95	USA	HESS YNTEMA	800 M. FREE	DANIELLE OGIER	USA	10-13-96	10:03.82
16:51.71	06-25-95	USA	HESS YNTEMA	1500 M. FREE	BARBARA DUNBAR	USA	02-04-90	19:00.81
28.77	03-18-95	GER	LACI PERENYI	50 M. BACK	Laura Val	USA	11-14-93	31.55
1:03.16	12-10-95	USA	CLAY EVANS	100 M. BACK	Laura Val	USA	10-15-95	1:10.45
2:16.72	05-22-95	CAN	JOHN MARCH	200 M. BACK	Laura Val	USA	12-10-95	2:34.04
29.86	09-28-97	SWE	GLEN CHRISTIANSEN	50 M. BRST	NAOMI HEIMBACH	JPN	05-19-96	36.22
1:06.72	09-27-97	SWE	GLEN CHRISTIANSEN	100 M. BRST	ULRIKE URBANIAK	GER	11-18-95	1:19.88
2:30.67	10-13-96	USA	SPENCER ELDRED	200 M. BRST	ULRIKE URBANIAK	GER	02-07-97	2:53.85
26.35	12-11-95	USA	RICK ABBOTT	50 M. FLY	Laura Val	USA	10-15-95	30.17
58.87	06-25-95	USA	HESS YNTEMA	100 M. FLY	Laura Val	USA	11-14-93	1:06.86
2:09.09	06-25-95	USA	HESS YNTEMA	200 M. FLY	Laura Val	USA	11-14-93	2:29.19
1:02.30	10-15-89	USA	RIC COOLEY	100 M. I.M.	Laura Val	USA	09-12-92	1:11.65
2:15.07	10-13-96	USA	SPENCER ELDRED	200 M. I.M.	Laura Val	USA	11-15-92	2:33.89
4:43.28	06-25-95	USA	HESS YNTEMA	400 M. I.M.	Laura Val	USA	11-15-92	5:32.53



# FINA WORLD SHORT COURSE METERS

AS OF 11-01-97

*****		M E N	***** 45-49 *****			W O M E N	*****	
24.70	01-07-95	NED	JAN KOEN ANTHONI	50 M.	FREE	LAURA VAL	USA	10-13-96 28.11
54.64	09-08-95	RSA	TERRY DOWNES	100 M.	FREE	LAURA VAL	USA	10-13-96 1:01.76
2:00.13	12-15-96	USA	TIM BRODERICK	200 M.	FREE	LAURA VAL	USA	10-13-96 2:16.07
4:18.44	10-13-96	USA	TIM BRODERICK	400 M.	FREE	BARBARA DUNBAR	USA	11-06-94 4:56.49
8:56.08	10-13-96	USA	TIM BRODERICK	800 M.	FREE	BARBARA DUNBAR	USA	03-17-96 10:09.82
17:40.02	12-15-96	USA	JIM MCCONICA	1500 M.	FREE	BARBARA DUNBAR	USA	10-27-96 19:14.97
29.33	03-12-89	USA	ROBERT SMITH	50 M.	BACK	LAURA VAL	USA	10-13-96 32.39
1:04.94	12-10-95	USA	PETER O'KEEFFE	100 M.	BACK	LAURA VAL	USA	10-13-96 1:10.76
2:21.50	12-15-96	USA	R TOD SPIEKER	200 M.	BACK	NANCY FISHER	USA	02-18-96 2:37.35
31.83	10-15-95	USA	ROBERT STRAND	50 M.	BRST	BEA POOL	NED	02-12-94 37.54
1:09.44	12-10-95	USA	ROBERT STRAND	100 M.	BRST	DEB WALKER	USA	10-13-96 1:23.20
2:34.41	12-10-95	USA	ROBERT STRAND	200 M.	BRST	GINGER PIERSON	USA	05-22-95 3:03.73
27.08	04-17-93	USA	DAN THOMPSON	50 M.	FLY	LAURA VAL	USA	10-13-96 30.50
1:01.13	11-03-96	USA	TOM PERRIN	100 M.	FLY	LAURA VAL	USA	10-13-96 1:07.80
2:19.73	12-15-96	USA	BOO GRANER GALLAS	200 M.	FLY	ARDETH MUELLER	USA	12-12-87 2:37.88
1:04.80	11-06-94	USA	ANDREW MCPHERSON	100 M.	I.M.	ARDETH MUELLER	USA	10-03-87 1:14.41
2:23.69	12-11-94	USA	STEVE HECK	200 M.	I.M.	ARDETH MUELLER	USA	10-03-87 2:42.88
5:12.41	05-23-93	RUS	NIKOLAEV JURIY	400 M.	I.M.	BARBARA DUNBAR	USA	04-09-95 5:50.45
*****		M E N	***** 50-54 *****			W O M E N	*****	
25.74	10-13-96	USA	KEEFE LODWIG	50 M.	FREE	SUSANA BARKLEY	ESP	05-14-95 30.30
56.63	10-13-96	USA	KEEFE LODWIG	100 M.	FREE	ARDETH MUELLER	USA	10-06-91 1:06.41
2:06.76	12-15-96	USA	TIM BIRNIE	200 M.	FREE	ARDETH MUELLER	USA	12-07-91 2:27.95
4:36.29	05-24-96	BAR	ANGUS EDGHILL	400 M.	FREE	ARDETH MUELLER	USA	10-06-91 5:12.43
9:28.84	05-24-96	BAR	ANGUS EDGHILL	800 M.	FREE	CAROLYN BOAK	USA	10-13-96 11:07.78
18:32.56	10-16-94	GBR	SANDY GALLETTY	1500 M.	FREE	CAROLYN BOAK	USA	10-15-95 21:22.26
30.14	06-26-94	USA	ROBERT SMITH	50 M.	BACK	SATOKO TAKEUJI	JPN	05-21-95 35.55
1:05.77	10-13-96	USA	TIM BIRNIE	100 M.	BACK	SATOKO TAKEUJI	JPN	05-16-93 1:19.17
2:24.39	12-15-96	USA	TIM BIRNIE	200 M.	BACK	ARDETH MUELLER	USA	12-07-91 2:48.88
32.01	12-15-96	USA	ROBERT STRAND	50 M.	BRST	ERNA LOSKAMP	NED	- -92 38.82
1:09.96	12-15-96	USA	ROBERT STRAND	100 M.	BRST	ERNA LOSKAMP	NED	- -92 1:25.73
2:34.71	12-15-96	USA	ROBERT STRAND	200 M.	BRST	DIANE FORD	GBR	10-17-93 3:06.63
28.35	05-11-97	GER	BERND SCHRODER	50 M.	FLY	DIANA TODD	USA	12-11-94 33.85
1:03.76	12-08-96	USA	JOEL BURNS	100 M.	FLY	ARDETH MUELLER	USA	10-06-91 1:12.66
2:28.11	01-19-97	USA	NICK LECLERCQ	200 M.	FLY	ARDETH MUELLER	USA	12-09-95 2:55.91
1:04.97	12-15-96	USA	ROBERT STRAND	100 M.	I.M.	CAROL FELLOWS	GBR	10-27-96 1:17.98
2:26.64	03-23-96	USA	JOHN CLAVERT	200 M.	I.M.	BRIGITTE MERTEN	GER	11-03-96 2:51.65
5:19.87	10-16-94	GBR	SANDY GALLETTY	400 M.	I.M.	ARDETH MUELLER	USA	12-07-91 5:56.24
*****		M E N	***** 55-59 *****			W O M E N	*****	
26.60	10-15-89	USA	DONALD HILL	50 M.	FREE	ARDETH MUELLER	USA	11-03-96 30.37
1:00.08	10-15-89	USA	DONALD HILL	100 M.	FREE	YOSHIKO OSAKI	JPN	11-03-94 1:11.18
2:17.95	02-07-93	JPN	KAZUYA NISHINO	200 M.	FREE	ARDETH MUELLER	USA	11-03-96 2:28.30
4:47.10	06-28-97	GBR	SANDY GALLETTY	400 M.	FREE	ARDETH MUELLER	USA	11-03-96 5:15.91
10:04.76	03-01-97	ITA	ERMIRIO VITTORIO	800 M.	FREE	YOSHIKO OSAKI	JPN	04-29-96 11:24.24
19:39.87	02-08-97	GBR	SANDY GALLETTY	1500 M.	FREE	LAVELLE STOINOFF	USA	03-12-89 21:35.84
32.40	10-03-93	GBR	GRAHAM SYKES	50 M.	BACK	SATOKO TAKEUJI	JPN	05-18-97 35.88
1:10.88	10-23-94	NZL	BARRY YOUNG	100 M.	BACK	SATOKO TAKEUJI	JPN	05-18-97 1:19.61
2:33.21	10-23-94	NZL	BARRY YOUNG	200 M.	BACK	BETSY JORDAN	USA	10-17-92 3:00.66
33.17	05-09-93	JPN	HIROSHI KOTEGAWA	50 M.	BRST	MONIKA SENFTLEBEN	GER	03-01-97 40.02
1:16.32	06-04-88	USA	MANUEL SANGUILY	100 M.	BRST	FLORA CONNOLLY	GBR	- -90 1:28.13
2:49.96	12-10-95	USA	DRURY GALLAGHER	200 M.	BRST	BONNIE PRONK	CAN	01-26-97 3:10.39
29.57	03-16-97	JPN	RYUJI TAKAMINE	50 M.	FLY	ARDETH MUELLER	USA	11-03-96 34.33
1:07.69	05-11-97	JPN	KOJI IWAMOTO	100 M.	FLY	ARDETH MUELLER	USA	11-03-96 1:21.52
2:37.27	04-20-97	JPN	KOJI IWAMOTO	200 M.	FLY	ARDETH MUELLER	USA	11-03-96 2:55.05
1:10.34	04-28-96	CAN	JACK KELSO	100 M.	I.M.	YOSHIKO OSAKI	JPN	05-28-95 1:21.25
2:34.42	05-22-95	CAN	JACK KELSO	200 M.	I.M.	YOSHIKO OSAKI	JPN	05-16-93 2:57.53
5:29.09	06-28-97	GBR	SANDY GALLETTY	400 M.	I.M.	BONNIE PRONK	CAN	01-26-97 6:32.89
*****		M E N	***** 60-64 *****			W O M E N	*****	
27.32	06-25-95	USA	BOB BAILIE	50 M.	FREE	JAYNE BRUNER	USA	12-03-95 33.07
1:01.96	06-25-95	USA	BOB BAILIE	100 M.	FREE	JAYNE BRUNER	USA	03-23-96 1:13.50
2:21.31	06-25-95	USA	GRAHAM JOHNSTON	200 M.	FREE	LAVELLE STOINOFF	USA	03-14-93 2:39.93
4:56.69	06-25-95	USA	GRAHAM JOHNSTON	400 M.	FREE	LAVELLE STOINOFF	USA	03-14-93 5:38.06
10:27.62	06-25-95	USA	GRAHAM JOHNSTON	800 M.	FREE	LAVELLE STOINOFF	USA	03-14-93 11:30.55
19:48.44	06-25-95	USA	GRAHAM JOHNSTON	1500 M.	FREE	LAVELLE STOINOFF	USA	11-20-94 22:54.51
34.05	10-09-94	USA	JACK BEATTIE	50 M.	BACK	BETSY JORDAN	USA	06-15-97 38.74
1:13.55	10-09-94	USA	JACK BEATTIE	100 M.	BACK	BETSY JORDAN	USA	06-15-97 1:24.16
2:40.75	10-09-94	USA	JACK BEATTIE	200 M.	BACK	BETSY JORDAN	USA	09-14-97 3:05.27
34.41	05-12-96	JPN	HIROSHI KOTEGAWA	50 M.	BRST	JAYNE BRUNER	USA	03-23-96 41.74
1:19.82	05-28-95	JPN	AKIO SUGIYAMA	100 M.	BRST	FLORA CONNOLLY	GBR	04-23-94 1:32.12
2:57.08	10-28-95	GBR	THOMAS WALKER	200 M.	BRST	FLORA CONNOLLY	GBR	04-23-94 3:19.67
30.34	11-05-95	USA	BOB BAILIE	50 M.	FLY	HAIKE HOLER	GER	01-19-97 38.03
1:15.61	08-10-97	BRA	LUIS RICARDO SIMI	100 M.	FLY	HAIKE HOLER	GER	10-06-96 1:29.15
2:53.49	05-17-97	BRA	LUIS RICARDO SIMI	200 M.	FLY	FLORA CONNOLLY	GBR	04-23-94 3:17.00
1:12.78	05-11-97	JPN	TOSHIHIRO HAYASHI	100 M.	I.M.	JAYNE BRUNER	USA	03-23-96 1:26.42
2:46.69	08-11-91	USA	GRAHAM JOHNSTON	200 M.	I.M.	FLORA CONNOLLY	GBR	11-12-94 3:11.59
6:02.73	07-18-93	USA	GRAHAM JOHNSTON	400 M.	I.M.	JUDIE OLIVER	CAN	05-25-92 6:50.55

# FINA WORLD SHORT COURSE METERS

AS OF 11-01-97

***** M E N *****		***** 65-69 *****		***** W O M E N *****	
29.25	05-12-96	JPN	SHINGO YAMAMOTO 50 M. FREE	GAIL ROPER	USA 10-13-96 34.17
1:02.77	01-28-96	ESP	ROBERTO ALBERICHE 100 M. FREE	GAIL ROPER	USA 12-15-96 1:16.26
2:22.13	01-28-96	ESP	ROBERTO ALBERICHE 200 M. FREE	JANE ASHER	GBR 05-12-96 2:51.30
5:09.09	12-15-96	USA	GRAHAM JOHNSTON 400 M. FREE	JANE ASHER	GBR 05-12-96 6:00.99
10:35.13	06-02-96	USA	GRAHAM JOHNSTON 800 M. FREE	CLARA WALKER	USA 12-13-92 12:35.26
19:53.18	06-02-96	USA	GRAHAM JOHNSTON 1500 M. FREE	CLARA WALKER	USA 12-13-92 23:38.44
35.06	10-26-96	USA	RON JOHNSON 50 M. BACK	DORIS STEADMAN	USA 10-15-89 40.48
1:19.07	04-17-94	USA	ROGER FRANKS 100 M. BACK	DORIS STEADMAN	USA 10-15-89 1:30.41
2:50.75	06-09-96	AUS	BOB BARRY 200 M. BACK	DORIS STEADMAN	USA 10-15-89 3:15.72
36.33	01-28-96	CAN	NICK TEMPLEMAN 50 M. BRST	EDITH BOHM	GER 05-08-94 44.61
1:21.34	01-28-96	CAN	NICK TEMPLEMAN 100 M. BRST	GAIL ROPER	USA 10-28-95 1:41.41
3:06.13	03-03-96	CAN	NICK TEMPLEMAN 200 M. BRST	JUDIE OLIVER	CAN 05-24-97 3:38.61
31.87	12-15-96	USA	RON JOHNSON 50 M. FLY	GAIL ROPER	USA 10-15-95 38.44
1:18.52	04-08-95	USA	HARRY HUNSICKER 100 M. FLY	GAIL ROPER	USA 10-15-95 1:33.10
3:06.43	12-15-96	USA	RON JOHNSON 200 M. FLY	JUNE KRAUSER	USA 10-08-95 3:32.93
1:15.61	12-15-96	USA	RON JOHNSON 100 M. I.M.	GAIL ROPER	USA 10-13-96 1:28.95
2:49.10	01-28-96	ESP	ROBERTO ALBERICHE 200 M. I.M.	CLARA WALKER	USA 12-08-91 3:18.77
6:04.40	11-23-96	USA	GRAHAM JOHNSTON 400 M. I.M.	GAIL ROPER	USA 12-15-96 7:07.69
***** M E N *****		***** 70-74 *****		***** W O M E N *****	
30.59	09-17-95	USA	FRANK PIEMME 50 M. FREE	CLARA WALKER	USA 06-22-96 36.32
1:09.00	12-10-95	USA	FRANK PIEMME 100 M. FREE	CLARA WALKER	USA 06-22-96 1:20.77
2:37.86	10-28-95	USA	FRANK PIEMME 200 M. FREE	CLARA WALKER	USA 06-22-96 3:02.11
5:35.49	09-17-95	USA	FRANK PIEMME 400 M. FREE	JUNE KRAUSER	USA 10-13-96 6:28.81
11:38.41	10-15-95	USA	FRANK PIEMME 800 M. FREE	JUNE KRAUSER	USA 09-07-96 13:07.28
22:44.45	11-18-95	USA	FRANK PIEMME 1500 M. FREE	JUNE KRAUSER	USA 11-02-96 24:57.85
35.71	12-11-94	USA	PAUL HUTINGER 50 M. BACK	DORIS STEADMAN	USA 10-08-95 42.58
1:21.74	12-11-94	USA	PAUL HUTINGER 100 M. BACK	DORIS STEADMAN	USA 10-08-95 1:35.66
2:59.92	12-11-94	USA	PAUL HUTINGER 200 M. BACK	DORIS STEADMAN	USA 10-08-95 3:27.79
38.60	11-24-96	JPN	TOSHIO TAJIMA 50 M. BRST	MAUD POVEY	GBR 10-17-93 49.15
1:29.48	11-06-94	USA	BARTON GREENBERG 100 M. BRST	JUNE KRAUSER	USA 09-07-96 1:49.64
3:16.44	04-23-95	GER	KARL HAUTER 200 M. BRST	MARGARET EVANS	GBR 10-16-94 3:55.30
34.77	12-10-95	USA	FRANK PIEMME 50 M. FLY	MASUMI TANI	JPN 06-09-96 44.49
1:26.98	10-13-96	USA	JOSEPH KURTZMAN 100 M. FLY	JUNE KRAUSER	USA 09-07-96 1:40.20
3:18.59	04-23-95	GER	ROBERT PFERSDORFF 200 M. FLY	JUNE KRAUSER	USA 10-13-96 3:38.39
1:20.99	12-10-95	USA	FRANK PIEMME 100 M. I.M.	JUNE KRAUSER	USA 10-13-96 1:38.73
3:00.88	01-28-96	ESP	JESUS DOMINGUEZ 200 M. I.M.	JUNE KRAUSER	USA 10-13-96 3:31.93
6:38.98	12-10-95	USA	FRANK PIEMME 400 M. I.M.	JUNE KRAUSER	USA 10-13-96 7:24.32
***** M E N *****		***** 75-79 *****		***** W O M E N *****	
32.78	04-16-88	USA	KELLEY LEMMON 50 M. FREE	OLGA JOHNSON	NZL 02-03-96 39.73
1:13.47	10-15-95	USA	RAY TAFT 100 M. FREE	OLGA JOHNSON	NZL 02-03-96 1:37.68
2:48.67	11-06-94	USA	RAY TAFT 200 M. FREE	CANDIDA GANDOLPHO	BRA 06-11-95 3:33.40
6:02.95	10-15-95	USA	RAY TAFT 400 M. FREE	RITA SIMONTO	USA 10-24-93 7:23.29
12:45.40	11-06-94	USA	RAY TAFT 800 M. FREE	RITA SIMONTO	USA 11-20-93 15:28.60
24:46.19	11-14-93	USA	ALDO DA ROSA 1500 M. FREE	RITA SIMONTO	USA 11-20-93 29:30.20
39.14	03-16-97	JPN	GORO TANIGUCHI 50 M. BACK	WILLY VAN RYSEL	GBR - -91 48.06
1:27.41	11-06-94	USA	RAY TAFT 100 M. BACK	WILLY VAN RYSEL	GBR - -91 1:48.13
3:10.22	11-06-94	USA	RAY TAFT 200 M. BACK	WILLY VAN RYSEL	GBR - -91 4:00.43
42.33	12-08-93	ITA	AUGUSTO ROMANO 50 M. BRST	INGEBORG FRITZE	GER 03-17-96 53.28
1:36.61	05-15-94	ITA	AUGUSTO ROMANO 100 M. BRST	HILDEGARD MESSING	GER 03-04-95 1:59.41
3:34.29	11-14-93	USA	ALDO DA ROSA 200 M. BRST	HILDEGARD MESSING	GER 04-23-95 4:22.96
38.70	10-15-95	USA	RAY TAFT 50 M. FLY	CATHERINE KERR	CAN 03-16-96 52.18
1:36.80	11-15-92	USA	PAUL KRUP 100 M. FLY	DIANA SILVA	USA 09-21-97 2:05.39
3:49.00	11-15-92	USA	PAUL KRUP 200 M. FLY	MAXINE MERLINO	USA 10-30-88 4:48.50
1:27.43	11-06-94	USA	RAY TAFT 100 M. I.M.	CATHERINE KERR	CAN 03-16-96 1:51.66
3:20.35	11-06-94	USA	RAY TAFT 200 M. I.M.	CATHERINE KERR	CAN 01-27-96 4:12.37
7:08.53	11-06-94	USA	RAY TAFT 400 M. I.M.	MAXINE MERLINO	USA 02-07-88 9:07.66
***** M E N *****		***** 80-84 *****		***** W O M E N *****	
35.16	12-12-93	USA	WOODROW BOWERSOCK 50 M. FREE	HATSUHO SUGAYA	JPN 05-26-96 44.57
1:18.80	05-14-95	JPN	HIKOJI UEKI 100 M. FREE	HATSUHO SUGAYA	JPN 05-22-94 1:48.30
3:01.42	05-14-95	JPN	HIKOJI UEKI 200 M. FREE	JEAN DURSTON	USA 11-06-94 4:07.41
7:03.26	08-03-97	USA	ROBERT JOHNSTON 400 M. FREE	JEAN DURSTON	USA 11-06-94 8:39.15
14:46.09	06-27-97	CAN	NORBERT ARTUS 800 M. FREE	JEAN DURSTON	USA 11-06-94 17:51.63
27:33.01	08-03-97	USA	ROBERT JOHNSTON 1500 M. FREE	JEAN DURSTON	USA 10-09-94 34:13.00
43.71	03-05-95	GER	OTTO CLAUS 50 M. BACK	WILLY VAN RYSEL	GBR 11-02-96 55.58
1:37.17	11-06-94	USA	EDWARD SHEA 100 M. BACK	WILLY VAN RYSEL	GBR 03-23-97 2:03.47
3:33.91	11-06-94	USA	EDWARD SHEA 200 M. BACK	WILLY VAN RYSEL	GBR 03-22-97 4:35.63
45.52	- -91	GER	KARL WITTENBERG 50 M. BRST	KAY SCHIMPF	USA 10-05-97 1:04.37
1:46.48	05-28-95	JPN	HIROMU YOSHIMOTO 100 M. BRST	DOROTHY WESTON	GBR 03-27-94 2:19.17
4:07.75	01-21-96	AUT	JOHANN MORSCHER 200 M. BRST	DOROTHY WESTON	GBR 10-17-93 4:54.39
46.05	06-08-97	USA	PAUL KRUP 50 M. FLY	MARIA LENK	BRA 03-12-95 1:02.58
1:47.20	06-08-97	USA	PAUL KRUP 100 M. FLY	JEAN DURSTON	USA 11-06-94 2:28.34
4:00.64	06-08-97	USA	ANTON CERER 200 M. FLY	MAXINE MERLINO	USA 10-17-92 5:22.65
1:44.08	06-12-94	USA	WALTER PFEIFFER 100 M. I.M.	MARIA LENK	BRA 03-25-95 2:06.91
3:46.96	06-08-97	USA	ANTON CERER 200 M. I.M.	MARIA LENK	BRA 03-12-95 4:40.77
8:00.81	06-08-97	USA	ANTON CERER 400 M. I.M.	MAXINE MERLINO	USA 10-11-92 9:50.43

# FINA WORLD SHORT COURSE METERS

AS OF 11-01-97

***** M E N *****			***** 85-89 *****			***** W O M E N *****			
38.82	03-15-97	GER	R REINSTADTLER	50 M.	FREE	UME WADA	JPN	06-09-96	49.84
1:36.18	03-16-97	GER	R REINSTADTLER	100 M.	FREE	JULIA DOLCE	USA	10-08-95	2:05.74
3:44.09	03-14-97	GER	R REINSTADTLER	200 M.	FREE	JULIA DOLCE	USA	10-08-95	4:52.37
7:54.24	12-10-88	USA	GUS LANGNER	400 M.	FREE	JULIA DOLCE	USA	10-08-95	10:19.41
16:53.90	12-10-88	USA	GUS LANGNER	800 M.	FREE	JULIA DOLCE	USA	10-08-95	22:22.74
32:20.20	12-11-88	USA	GUS LANGNER	1500 M.	FREE	JULIA DOLCE	USA	10-08-95	42:10.95
47.17	03-01-97	GER	R REINSTADTLER	50 M.	BACK	RINA DAVOGLIO	ITA	04-06-97	1:12.50
1:52.03	03-16-97	GER	R REINSTADTLER	100 M.	BACK	M GOTTSCHALK	GER	05-04-96	2:40.38
4:11.25	01-19-97	GER	R REINSTADTLER	200 M.	BACK	RINA DAVOGLIO	ITA	02-09-97	5:23.00
51.17	11-25-95	GER	KARL WITTENBERG	50 M.	BRST	MARTI GOGNIAT	USA	12-15-96	1:12.62
2:09.33	11-13-93	USA	DAN DOTTERWEICH	100 M.	BRST	MARTI GOGNIAT	USA	12-15-96	2:41.54
4:58.98	10-24-93	AUS	FRANK GRIFFITHS	200 M.	BRST	JEWEL COOKE	USA	03-31-96	6:53.42
57.89	03-15-97	GER	R REINSTADTLER	50 M.	FLY	JEWEL COOKE	USA	02-04-96	1:24.22
2:23.30	01-19-97	GER	R REINSTADTLER	100 M.	FLY	JEWEL COOKE	USA	02-18-96	3:20.81
5:56.91	06-25-95	USA	JESSE COON	200 M.	FLY	JEWEL COOKE	USA	02-04-96	7:12.95
1:56.20	03-01-97	GER	R REINSTADTLER	100 M.	I.M.	UME WADA	JPN	05-18-97	2:37.74
5:02.31	12-07-91	USA	HERB EISENSCHMIDT	200 M.	I.M.	ANNA BAUSCHER	USA	10-15-89	9:49.36
10:47.13	12-07-91	USA	HERB EISENSCHMIDT	400 M.	I.M.	JEWEL COOKE	USA	02-18-96	13:48.08
***** M E N *****			***** 90-94 *****			***** W O M E N *****			
50.09	12-11-93	USA	GUS LANGNER	50 M.	FREE	ANNA BAUSCHER	USA	10-24-93	1:36.77
1:58.42	12-11-93	USA	GUS LANGNER	100 M.	FREE	ANNA BAUSCHER	USA	10-24-93	3:24.13
4:27.70	12-11-93	USA	GUS LANGNER	200 M.	FREE	ANNA BAUSCHER	USA	10-24-93	7:01.11
8:50.65	12-11-93	USA	GUS LANGNER	400 M.	FREE	ANNA BAUSCHER	USA	10-24-93	14:16.35
				800 M.	FREE	ANNA BAUSCHER	USA	10-24-93	28:45.45
44:48.99	11-10-96	USA	GUS LANGNER	1500 M.	FREE				
1:09.61	05-11-97	GER	FRITZ MONKE	50 M.	BACK	VERA FERNANCE	AUS	- -89	1:55.07
2:40.88	10-08-95	USA	JOE KAUFMAN	100 M.	BACK	VERA FERNANCE	AUS	- -90	4:19.46
5:44.64	10-13-96	USA	JOE KAUFMAN	200 M.	BACK				
1:07.76	05-19-96	JPN	SHOHEI YOSHIDA	50 M.	BRST	DORRIS VENNING	NZL	- -91	1:49.01
3:01.95	12-17-93	USA	GUS LANGNER	100 M.	BRST	DORRIS VENNING	NZL	- -91	4:05.59
6:41.56	12-03-94	USA	GUS LANGNER	200 M.	BRST				
				50 M.	FLY				
				100 M.	FLY				
				200 M.	FLY				
3:00.53	12-03-94	USA	GUS LANGNER	100 M.	I.M.				
				200 M.	I.M.				
				400 M.	I.M.				
***** M E N *****			***** 95-99 *****			***** W O M E N *****			
				50 M.	FREE				
				100 M.	FREE				
				200 M.	FREE				
				400 M.	FREE				
				800 M.	FREE				
				1500 M.	FREE				
				50 M.	BACK				
				100 M.	BACK				
				200 M.	BACK				
				50 M.	BRST				
				100 M.	BRST				
				200 M.	BRST				
				50 M.	FLY				
				100 M.	FLY				
				200 M.	FLY				
				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 WORLD SHORT COURSE METERS

AS OF 11-01-97

***** RELAY 200 M. FREE - WOMEN *****			***** RELAY 200 M. MEDLEY - WOMEN *****		
100-119 MICHIGAN-USA	03-31-96	1:45.93	100-119 SHEFFIELD-GBR	10-17-93	2:09.61
DYNE BURRELL	SUSIE DEVLIN		HELEN PRATT	PIPPA JONES	
MARY MUETING	SHEILA TAORMINA		LINZI GAYWOOD	LYNNE LEE	
120-159 SAN DIEGO-USA	11-09-96	1:53.26	120-159 SAN DIEGO-USA	12-11-94	2:05.27
K.PIPES-NEILSEN	BETH KNIGHT		VICKY DAVIDSON	MATHILDE BOUWMA	
MATHILDE BOUWMA	NANCY NORTH		KARLYN PIPES	BETH KNIGHT	
160-199 SAN DIEGO-USA	10-22-96	1:59.23	160-199 SAN DIEGO	11-09-96	2:12.54
BARBARA DUNBAR	MARILYN FINK		MARILYN FINK	K.PIPES-NEILSEN	
SALLY KARRASCH	K PIPES-NEILSEN		BARBARA DUNBAR	BETH KNIGHT	
200-239 TAMALPAIS-USA	10-15-89	2:11.64	200-239 SG NEUKOLLN-GER	11-10-91	2:29.96
ANGELA KONIG	LAVERNE ADAMS		SIEGRID KURTZ	MONIKA SENFTLEBEN	
SHERRY RADEMACHER	NANCY RIDOUT		BRIGITTE MERTEN	MARGA SCHULZ	
240-279 NEW ENGLAND-USA	12-11-94	2:25.52	240-279 SOLK HELLAS-SWE	03-24-96	2:45.48
CLARA WALKER	JENNIFER LUKER		KERSTIN GJORES	BARBRO FLODSTROM	
BILLIE A BURRILL	DIANE REED		HARRIET DEGIORGIO	BRITT GRILLI	
280-319 CRONULLA-AUS	10-21-95	2:50.32	280-319 KOEIKAI-JPN	04-29-97	3:18.15
NANCYE MITCHELL	BETTY STERN		MITSUKO KURASHIGE	TAKAKO NAGATA	
BARBARA ROSE	HELEN EVANS		MASAKO HOTEHAMA	KATAMOTO TAEKO	
320-359 ST PETE - USA	10-31-93	4:09.37	320-359 SAN MATEO-USA	10-13-96	4:39.75
MARIAN MCKECHNIE	WIN KENNEDY		HELEN ROUMASSET	HILDA BUEL	
FRANCES CICHANSKI	KAY SCHIMPF		ZADA TAFT	AUDREY ETIENNE	

***** RELAY 200 M. FREE - M E N *****			***** RELAY 200 M. MEDLEY - M E N *****		
100-119 B.COPTHALL-GBR	10-18-92	1:35.91	100-119 SODERTALJE-SWE	03-16-97	1:45.84
MARK MATTHEWS	ANDY COTTER		TORKEL ARMAN	PATRIC ROBERTSSON	
JIM HOBSLEY	KEVIN FROST		JONAS AKESSON	JORGEN UUSIMAKI	
120-159 BAYLOR/STAR-USA	03-21-92	1:37.89	120-159 BAYLOR/STAR-USA	04-16-94	1:45.01
RICHARD HESS	DOUG MOYSE		JAY YARID	GREG RHODENBAUGH	
M.RHODENBAUGH	BOBBY PATTEN		BOBBY PATTEN	MOOK RHODENBAUGH	
160-199 COLONIALS-USA	04-21-96	1:40.74	160-199 COLONIALS-USA	04-09-95	1:54.75
CHARLES NORELLI	THOMAS MEADE		J NATHAN LEECH	GREGORY OXLEY	
MICHAEL SLENKER	GREGORY OXLEY		CHARLES NORELLI	ROBERT KROTEE	
200-239 S CAL AQUAT-USA	12-11-94	1:47.41	200-239 OLYMPIC CLB-USA	10-13-96	2:00.35
FRED HUBBELL	FRANK PIEMME		TIM BIRNIE	ROBERT STRAND	
FRANS NELSON	PETER O'KEEFFE		RICHARD BASSI	JAMES KRUEGER	
240-279 BUCKEYE-USA	11-06-94	1:58.22	240-279 BUCKEYE-USA	11-06-94	2:16.44
SID HALL	YOSHI OYAKAWA		YOSHI OYAKAWA	THOMAS OLANDER	
THOMAS OLANDER	JOHN FLORANCE		JOHN MEDICI	JOHN FLORANCE	
280-319 SHUEI-JPN	11-03-93	2:11.55	280-319 SHUEI-JPN	11-03-92	2:33.74
KEIJIRO NAKAMURA	EISAKU HAYASHI		GORO TANIGUCHI	HIROMU YOSHIMOTO	
ISAMU TAMURA	SHUICHI MURAYAMA		KEIICHI TOKUNAGA	SHUICHI MURAYAMA	
320-359 LONG BEACH-USA	12-11-94	2:51.43	320-359 RIS 88 - JPN	04-29-97	3:31.47
WALTER PFIEFFER	JOHN GLENN		SHIRO ISHIKAWA	SEIICHI MATSUURA	
WOODROW BOWERSOCK	BOB CHRISTIANS		YASUSHI KODA	NORI YAMAMOTO	

***** RELAY 200 M. FREE - MIXED *****			***** RELAY 200 M. MEDLEY - MIXED *****		
100-119 SODERTALJE-SWE	03-15-97	1:43.83	100-119 SODERTALJE-SWE	03-15-97	1:55.07
PATRIC ROBERTSSON	LISA LONN		TORKEL ARMAN	LISA LONN	
SOFIE NYGREN	JORGEN UUSIMAKI		PATRIC ROBERTSSON	SOFIE NYGREN	
120-159 ST.PETE-USA	10-13-96	1:45.78	120-159 LAKESIDE-USA	10-15-89	1:58.28
LISA SUMMERS	WILLIAM SPECHT		WILLIAM TINGLEY	GINA GATTI	
MCKEITHEN-BUSSEY	STUART BARTON		MICHAEL HIGGS	MELINDA SCHMITT	
160-199 SAN DIEGO-USA	11-09-96	1:47.38	160-199 W HOLLYWOOD-USA	06-24-94	2:01.59
BETH KNIGHT	K.PIPES-NEILSEN		ANDREA DEVUONO	KAREN MELICK	
LARRY CARTWRIGHT	LEE MENCH		MICHAEL MEALIFFE	THOMAS REUDY	
200-239 LINCOLN-USA	10-15-89	1:57.25	200-239 S CAL AQUAT-USA	12-01-96	2:12.20
PAUL HUTINGER	IRENE DAVID		BONNIE ADAIR	KAREN MELICK	
COLLEEN MALMEN	RAY PADOVAN		GARY LANGENDOEN	BOB CONGELLIERE	
240-279 LOS ALTOS-USA	11-15-92	2:12.98	240-279 N.CAROLINA-USA	11-10-96	2:26.10
JOHN RICHARDS	JAY CRADDOCK		JEANNIE MITCHELL	SALLY NEWELL	
DELLA SEHORN	LAURA VAL		JOHN KORTHEUER	DICK WEBBER	
280-319 OJAI S BAR-USA	10-15-95	2:35.36	280-319 OJAI S BAR-USA	10-28-95	2:55.31
FRANK PIEMME	GRACE ALTUS		GAY COLLINS	FRANK PIEMME	
RUTH BAAR	JURGEN SCHMIDT		JURGEN SCHMIDT	RUTH BAAR	
320-359 IBARAGI SC-JPN	05-19-96	3:32.54	320-359 RIO MASTERS-BRA	11-18-95	3:51.75
YUKIO TAMURA	HIROKO TSUCHIYA		ALBERTO MIBIELLI	LUZIA CARACCILOLO	
RITSUKO HAYASHIDA	RYUJI FUJIKAWA		MARIA LENK	GASTAO FIGUEIREDO	

USMS SHORT COURSE YARDS 1996-1997 - ERRATA

200 YD. BRST WOMEN 19-24	1:04.10 MARGARET MONTESI 33	1:24.82 ELAINE BROMWICH 54	3:17.87 JOHN MERRILL 79
2:26.03 ANITA NALL 20	1:04.16 CHARLENE HEVEY 31	1:24.98 CHRISTINE CLUM 51	3:24.66 JOHN WRENN 76
2:26.75 CHRISTINE LOGAR 24	1:04.17 V.RICHARDSON 32	1:25.76 MARGOT PETTIJOHN 50	3:32.64 HARRY LIBER 78
2:29.57 HEATHER DOUGHERTY 22	50 YD. FREE WOMEN 35-39	1:25.98 SALLY DILLON 50	3:33.38 RAYMOND HAKOMAKI 76
2:32.01 STACI MALIN 23	24.14 K.PIPES-NEILSEN 35	1:26.14 DIANA TODD 53	3:33.55 GERALD HUESTIS 77
2:32.17 MINDY RINEHOLD 21	25.01 BETH KNIGHT 37	1:26.71 MAUREEN KIKUT 52	3:36.34 EARL WALTER 76
2:34.01 KARI ANDERSSON 24	25.17 LIZ HOBBS 35	200 YD. FLY WOMEN 50-54	3:41.40 DICK GUIDO 79
2:36.49 TRACY PALENSHUS 24	25.17 CATHY SHONKWILER 36	2:48.82 GINGER PIERSON 51	3:46.75 BOB ACKER 75
2:36.56 C.RADCLIFF 22	25.23 GRACIE GODDARD 37	3:02.48 CAROLYN MAGEE 51	200 YD. BACK M E N 85-89
2:38.36 ELIZABETH BAST 19	25.40 ELAINE WIMER 37	3:09.15 CAROL JEWELL 54	3:57.82 CHARLES SALIE 85
2:38.52 JENNY KUSNER 22	25.43 CINDY WATTS 35	3:09.43 SARAH WELCH 50	4:42.67 JOE IRVINE 86
50 YD. FREE WOMEN 30-34	25.44 CAREN MC NAMARA 36	3:16.06 ELAINE BROMWICH 54	4:43.65 TEX ROBERTSON 87
23.76 MERIT GREAVES 33	25.61 JUDY LALLIER 37	3:18.72 SALLY ILIFF 51	4:51.78 JIM PENFIELD 88
23.97 DYNE BURRELL 30	25.62 ANN HABERNIGG 35	3:20.43 NANCY KRANPITZ 52	5:08.71 ROY BODINE 85
24.86 K.PIPES-NEILSEN 34	25.62 SIMONE LA PAY 36	3:26.94 EVELYN HAUSBERGER 52	5:10.45 BILL REEDER 86
24.87 KATE MACDONALD 30	200 YD. FREE WOMEN 35-39	3:35.30 JENNIFER PARKS 53	*****
24.99 TRISHA SCHWERZLER 30	1:51.55 K.PIPES-NEILSEN 35	3:37.35 ANN ONTON 53	RELAYS: WOMEN 200 YD. MEDLEY
25.17 MARGARET MONTESI 33	1:58.22 BETH KNIGHT 37	400 YD. I.M. WOMEN 50-54	*****
25.32 VICKY DAVIDSON 32	1:58.80 MARGEE CURRAN 36	5:52.09 GINGER PIERSON 50	45 +
25.45 DIA GRANER-GALLAS 32	1:59.92 GRACIE GODDARD 37	6:16.61 CAROLYN MAGEE 51	SNM 2:16.98
25.55 SUSANNE DIVELBISS 31	2:00.09 VIBEKE SWANSON 35	6:19.71 ELAINE BROMWICH 54	SARAH TYLER 52
25.55 V.RICHARDSON 32	2:00.25 ROBYNN MASTERS 38	6:25.15 MARGOT PETTIJOHN 50	SALLY DILLON 50
25.55 TRACIE MOLL 33	2:01.11 SUZANNE HEIM 38	6:35.45 CONSTANCE SASSER 50	A. SUSAN TYLER 48
100 YD. FREE WOMEN 30-34	2:01.72 SIMONE LA PAY 36	6:47.59 MARIANA PHIPPS 52	CELESTE MILLER 47
52.42 K.PIPES-NEILSEN 34	2:02.04 CATHY SHONKWILER 36	6:49.42 JENNIFER PARKS 53	C-1776 2:18.11
52.72 D.GRANER-GALLAS 33	2:02.38 BRENDA BARTLETT 36	6:52.83 NANCY KRANPITZ 52	CECILIA MCCLOSKEY 47
52.97 DYNE BURRELL 30	500 YD. FREE WOMEN 35-39	6:53.47 CAROLYN BEHSE 53	J.GREULICK-BYRON 46
53.54 LAURIE VIDAL 34	4:56.09 K.PIPES-NEILSEN 35	6:54.51 FREDERICKA RAPP 53	STEPHANIE WALSH 47
54.17 MARTIE MC KINNEY 32	5:10.68 JILL HERNANDEZ 36	100 YD. FLY WOMEN 55-59	C.SCHROEDER 47
54.59 LAUREEN WELTING 31	5:17.00 JUDY LALLIER 37	1:09.51 ARDETH MUELLER 55	LAM 2:20.06
54.76 TRISHA SCHWERZLER 30	5:17.17 MARGEE CURRAN 36	1:13.27 NANCY RIDOUT 55	M.MCDONALD 47
55.34 VICKY DAVIDSON 32	5:18.03 BETH KNIGHT 37	1:24.27 JAYNE LAMBKE 57	CAROLYN BOAK 52
55.69 TRACIE MOLL 33	5:20.47 BRENDA BARTLETT 36	1:24.42 LYNNE LUND 56	KRISTINA KING 49
55.74 SUSAN MOSS 31	5:21.52 SUZANNE HEIM 38	1:30.92 MIDGE KRAETZER 58	DELLA SEHORN 69
100 YD. BACK WOMEN 30-34	5:25.33 DEBORAH ZIMIC 35	1:31.45 SALLY BOLAR 57	MARY 2:20.33
57.75 D.GRANER-GALLAS 33	5:27.21 MARGUERITE MEYER 38	1:31.68 SUSAN LIVINGSTON 58	MARTI BETZ 47
57.83 K.PIPES-NEILSEN 34	5:30.95 ROBIN ZUBECK 35	1:32.13 BETTY DUGAN 55	CONNIE LINDSEY 45
57.95 MARTIE MC KINNEY 32	1000 YD. FREE WOMEN 35-39	1:33.46 MARGIT JEBE 58	VIKI ALTOMONTE 46
1:00.89 LAURIE VIDAL 34	10:29.62 K.PIPES-NEILSEN 35	1:34.71 JEANNE LITTLE 59	KAREN WILLIAMS 49
1:01.20 JILL ROTHKOPF 30	10:35.34 JUNE FORD 35	200 YD. I.M. WOMEN 55-59	GOLD 2:26.80
1:01.56 DYNE BURRELL 30	10:43.63 MARGEE CURRAN 36	3:00.54 BETSY DURRANT 55	RORIE ANDERSON 45
1:01.73 DAWN HEWITT 32	10:54.83 SUZANNE HEIM 38	3:01.36 JOANN LEILICH 58	B.EDELMAIER 50
1:02.19 VICKY DAVIDSON 32	11:01.45 ROBYNN MASTERS 38	3:03.92 SUSAN MUNN 58	CATHY MANCINO 47
1:02.75 PAMELA BOSCOVICH 34	11:03.08 BRENDA BARTLETT 36	3:04.95 JAYNE LAMBKE 57	MARGARET CHARLTON 54
1:02.95 V.RICHARDSON 32	11:12.32 MARGUERITE MEYER 38	3:05.99 MARGIT JEBE 58	GRIN 2:26.81
50 YD. BRST WOMEN 30-34	11:18.56 SIMONE LAPAY 36	3:06.86 SUSAN LIVINGSTON 58	BARBARA LARSEN 49
32.04 KATHRYN GELMAN 32	11:30.39 JUDY NELSON 36	3:08.12 LYNNE LUND 56	SALLY HASBROOK 48
32.39 SHARON WEISS 34	11:32.69 SARAH TURNER 35	3:10.20 SUSAN BRADLEY-COX 59	SHARON WISE 50
32.46 K.PIPES-NEILSEN 34	1650 YD. FREE WOMEN 35-39	3:10.42 CLAIRE O'BRIEN 57	SUE TRUMPEY 48
32.93 VICKI MARSH 34	17:13.99 KAR PIPES-NEILSEN 35	3:11.60 ELIZABETH JOHNSON 57	VMST 2:28.28
33.11 BARB MISENER 30	18:08.10 MARGEE CURRAN 35	50 YD. BRST M E N 70-74	BETSY DURRANT 55
33.35 JENNIFER LUNDMARK 30	18:09.06 ROBYNN MASTERS 38	36.26 BARTON GREENBERG 72	NANCY MILLER 47
33.36 PAULA POLLARD 33	18:14.66 SUZANNE HEIM 38	37.31 JOSEPH KURTZMAN 71	MOLLY BRODERSON 45
33.45 MAUD ORLANDO 34	18:21.92 BRENDA BARTLETT 36	38.70 PAUL HUTINGER 72	JOHNNIE DETRICK 61
33.47 BETHANY ALTCEK 30	18:30.89 MARGUERITE MEYER 38	39.89 FRANK PIEMME 72	NEM 2:28.41
33.59 BETH SCHEIMANN 34	18:37.15 DEBORAH ZIMIC 35	40.45 J. JOHN REESE 71	EVELYN HAUSBERGER 45
50 YD. FLY WOMEN 30-34	18:55.34 ROBIN ZUBECK 35	40.79 ARNIE FORMO 70	SUSAN MAGUIRE 47
26.31 D.GRANER-GALLAS 33	18:59.28 NANCY ROSE 35	41.32 J.VANREYMERSDAL 70	CONSTANCE SASSER 50
26.60 MARTIE MC KINNEY 32	19:03.78 MELANIE DULLEA 35	41.73 JOHN EMANUEL 72	KATHY SLIFER 51
26.95 MERIT GREAVES 33	100 YD. BACK WOMEN 50-54	41.84 GEORGE ERSWELL 70	SDSM 2:31.21
27.00 K.PIPES-NEILSEN 34	1:14.09 MIMI FRANK 50	41.87 DON KORTEN 70	PEGGY LEONG 52
27.09 TRISHA SCHWERZLER 30	1:14.21 BETTY BENNETT 53	1650 YD. FREE M E N 75-79	LENORE CEITHAML 47
27.39 BARBARA MISENER 30	1:15.21 JEANNIE MITCHELL 50	27:00.48 GILBERT YOUNG 75	BARBARA DUNBAR 48
27.43 V.RICHARDSON 32	1:16.91 MARY POHLMANN 52	27:38.77 RICHARD SMITH 77	GINI BAKER 46
27.57 DYNE BURRELL 30	1:17.07 GINGER PIERSON 50	28:09.98 FRED TAIOLI 76	GOST 2:35.38
27.75 MARGARET MONTESI 33	1:18.88 EVELYN HAUSBERGER 52	28:17.74 BOB MERRICK 76	CHRIS GILLIGAN 53
27.88 TRACIE MOLL 33	1:19.36 CONSTANCE SASSER 50	28:49.66 DICK GUIDO 79	CHRIS KEMP 49
100 YD. I.M. WOMEN 30-34	1:19.88 JACKIE MARR 53	29:16.07 DAN MILES 76	BARB UIBLE 45
59.32 K.PIPES-NEILSEN 34	1:21.62 JANE KATZ 53	29:31.12 BOB ACKER 75	SARA SACHS 51
1:02.77 LORETTA SOFFE 30	1:21.67 JENNIFER PARKS 53	30:53.12 BUD JACKSON 77	*****
1:03.13 DYNE BURRELL 30	100 YD. BRST WOMEN 50-54	32:12.38 RAYMOND HAKOMAKI 76	RELAYS: WOMEN 800 YD. FREE
1:03.24 BARBARA MISENER 30	1:19.07 GINGER PIERSON 51	32:18.70 JOHN WOODS 79	*****
1:03.37 AUDREY HOLMES 31	1:20.40 CAROLYN BOAK 51	200 YD. BACK M E N 75-79	19 +
1:03.83 DIA GRANER-GALLAS 32	1:23.57 DANIELA BARNEA 53	3:04.18 RAYMOND TAFT 77	WILD 8:17.38
1:03.98 LAURIE VIDAL 34	1:24.27 NANCY BROOKS 54	3:14.38 JOHN BRICKER 76	KARA KELLY 20

USMS SHORT COURSE YARDS 1996-1997 - ERRATA

MARGO LYNCH	24	NEDRA MOORE	42	DANIEL ROGACKI	49	MARY	1:57.98
WENDY HIPSKIND	25	NANCY EHRKE	43	FRED SCHLICHER	48	DONALD RICE	63
STACY FINGALSON	24	C-1776	9:48.64	HOMER LANE	47	JAMES FORSYTHE	59
MARY	9:16.53	VIBEKE SWANSON	35	RMM	1:35.21	KEN POLLOCK	64
JOANNE SONBERG	22	BRENDA BARTLETT	36	LEE MACDONALD	45	YU-JIN LEE	63
DEBORAH ZIMIC	35	SINCLAIR BROWN	43	CHUCK FISCHER	45	BCYM	1:59.20
RACHEL BERKOWITZ	26	PATRICIA TIMMINS	43	PAUL MC CORMICK	50	DON KORTEN	70
KRISTEN CORBETT	30	VMST	10:09.15	TODD BRYAN	46	ALBERT MORLEY	59
VEN	9:31.74	JEANNE CROUSE	40	OREG	1:35.60	DOUGLAS MARKUSIC	55
JOAN VER HALEN	27	DIANE CAYCE	41	ROBERT SMITH	53	ELMER EGELKRAUT	63
MARA MORGAN	25	NANCY MILLER	47	DOUG PRENTICE	48	IM	2:01.84
STACEY MC KENNEY	26	KAREN MICKUNAS	42	TOM COFFEY	46	STEVE MULLINS	61
DEANNA XANTHOS	24	GCMT	10:21.57	MICHAEL PENDLETON	45	RICHARD DOOLEY	55
SLA	10:24.12	MANDY SHUMAKER	41	DAM	1:36.03	DEWEY HOWELL	57
MARGARET RAMIREZ	19	LAURA WRIGHT	38	ANDREW MCPHERSON	50	RICHARD HANLEY	61
SUSAN HUMMER	27	DIANE ROLLER	35	PAUL LANDES	47	*****	
KERRI NAUFUL	40	PAM ALLEN	41	G PAUL MENYHARTH	50	RELAYS: M E N 200 YD. MEDLEY	
OLIVER-WINTERING	42	MARY	10:25.45	PETER O'KEEFFE	46	*****	
LMM	11:35.17	PATTY DEVANNY	38	WCM	1:36.15	45 +	
JANE MONAGHAN	41	VIKI ALTOMONTE	46	CARY KENT	45	TOC	1:42.48
SHANNON DIMARTINO	21	SALLY ILIFF	51	WILLIAM DRULIAS	45	TIM BIRNIE	51
CATHY RUFF	28	KATHY O'CONNOR	43	MAL JESTER	48	ROBERT STRAND	51
ROSEMARY HUTZLEY	42	WILD	11:24.02	JAMES KING	50	CHARLES YOURD	45
25 +		JANICE KREGOR	40	JMST	1:36.87	STEVE CLARK	53
SDSM	8:23.21	MEG SMATH	40	PAUL COX	45	DAM	1:44.34
D.MORTENSEN	25	GAIL O'MALLEY	42	EDWARD NESSEL	53	PETER O'KEEFFE	46
NANCY NORTH	28	KIMBERLY DEYER	40	ARTHUR DEFFAA	48	G PAUL MENYHARTH	50
K.PIPES-NEILSEN	34	OSB	12:59.74	BRAD GLENN	48	ANDREW MCPHERSON	50
VICKY DAVIDSON	32	MARY NATWICK	38	CRUZ	1:38.08	PAUL LANDES	47
SDSM	9:15.64	LAURIE EDGCOMB	43	JOEL WILSON	48	PNA	1:45.89
ALLISON RAAP	38	KRISSELL DOTSON	44	BRIAN FOSS	54	GARY HAHER	46
CLAUDIA ETTELSON	35	PATTY POST	50	JOHN SULTAN	49	RICK COLELLA	45
MARY MILLER	39	OSB	13:47.52	BILL DRULIAS	45	LARRY WRIGHT	48
KATY KINGERY	34	LINDA SWADER	38	EMP	1:39.57	RONALD JACOBS	45
SPM	9:25.32	TERI LAWTON	44	A.PLAS	45	NEM	1:47.51
HEIDE BIGGE	27	DONNA LECHMAN	38	JON EINSIDLER	46	HOMER LANE	47
JO ANN HARRELSON	41	CHERYL GARZA	43	BOB KOLONKOWSKI	49	DANIEL ROGACKI	49
CHRISTINE SWANSON	34	45 +		RICHARD ARLUCK	51	FRED SCHLICHER	48
LISA SUMMERS	25	C-1776	9:58.55	55 +		LARRY SHULMAN	47
C-1776	9:43.30	CECILIA MCCLOSKEY	47	GOST	1:43.05	JMST	1:49.49
LAURIE HUG	31	J.GREULICK-BYRON	46	ANDY MORROW	58	JACK ZAKIM	51
JOANNE GADD	31	C.SCHROEDER	47	JOE LAMBERT	57	ED NESSEL	52
THERESE HAYES	33	STEPHANIE WALSH	47	YOSHI OYAKAWA	63	ARTHUR DEFFAA	48
LOUISE BUCKLEY	30	WILD	11:53.73	ORRIN NORDSTROM	56	BRAD GLENN	48
GCMT	9:57.04	MARY FISHER	45	OREG	1:45.08	EMP	1:49.94
NATALIE MOSSMAN	30	CRISTINA GAMEIRO	50	GEORGE THAYER	61	BOB KOLONKOWSKI	49
CHRISTIE WOODRUFF	26	SUSAN BRADLEY-COX	59	DAVID RADCLIFF	63	SCOTT SCHLIEMAN	45
PAM BECK	39	TITA ARNOLD	55	RICHARD WEICK	63	RICHARD ARLUCK	51
RUTH PERRY	28	OSB	13:24.47	DICK SLAWSON	61	A.PLAS	45
WILD	9:59.18	LOIS GOODMAN	50	GRIN	1:46.25	OREG	1:50.11
JULIE PAULY	32	CAROLE BORLAND	53	JERRY MYERS	59	ROBERT SMITH	53
LIZA DICKEN	34	TINA DRENNAN	49	GEORGE QUIGLEY	56	DOUG PRENTICE	48
L.KENYON	31	LESLIE OGDEN	50	MEL GOLDSTEIN	58	TOM COFFEY	46
MARCI CASEY	32	OSB	14:42.37	DAVE COSTILL	61	MICHAEL PENDLETON	45
LYTA	10:14.80	RONI CARR	49	GOLD	1:51.12	TOC	1:50.68
JANET SINISCALCHI	40	LEONE WEBSTER	48	CAV CAVANAUGH	61	R. TOD SPIEKER	48
ROBYN JACKSON	29	NOREEN LAWLER	53	ALAN RAPPERPORT	63	JAMES BEGLINGER	50
SOPHIE GRAHAM	26	KITTY JOHNSTON	54	BILL DOLAN	68	RICHARD BASSI	56
GLORIA NEMET	32	*****		WILLIAM QUAYLE	55	EDWARD CAZALET	54
LAKE	10:54.21	RELAYS: M E N 200 YD. FREE		SDSM	1:51.62	TAM	1:52.26
CYNTHIA WOERTZ	26	*****		MIKE FRESHLEY	56	RICHARD BURNS	53
LESLIE ENANDER	36	45 +		JOHN GOODE	63	KENNETH FROST	52
LISA STEARNS	39	WILD	1:30.30	RICKY EVANS	55	ROBERT OLSON	52
DEBBIE UTZ	43	DAVID BATES	48	BILL EARLEY	60	GARY PARLAPIANO	50
35 +		BOB WALKER	49	C-1776	1:54.94	MICH	1:52.50
LAKE	8:49.12	DENNIS HAMILTON	50	DAVID BOLDT	55	RICHARD CHANEY	46
MELINDA SCHMITT	38	GARY SHANNON	57	BILL LABARR	56	STEVE HANSEN	45
PAM MARTIN	39	TOC	1:31.98	JACK KIRLIN	58	LAWRENCE KIMBALL	46
MARY CURL	40	ROBERT STRAND	51	DAVID HARRISON	59	LEONARD BROCKHAHN	46
AMY POPE	36	TIM BIRNIE	51	NEM	1:56.54	55 +	
WIS	9:43.19	CHARLES YOURD	45	MATT CHROSTOWSKI	55	GOST	1:58.02
MELINDA MANN	40	STEVE CLARK	53	RICK BUSHNELL	56	YOSHI OYAKAWA	63
PATTY BAUS	38	NEM	1:32.95	EDWARD SOREL	61	JOE LAMBERT	57
		LARRY SHULMAN	47	HAROLD MILLER	67	ORRIN NORDSTROM	56

## USMS SHORT COURSE YARDS 1996-1997 - ERRATA

ANDY MORROW	58	WCM	3:55.90	BRAD WOELFEL	47	JOHN KOCKER	42
SDSM	2:02.26	PAT DUGGAN	32	STEVEN ELBERT	49	STEVE LATTA	29
BILL EARLEY	60	STEVE DAHL	32	*****		DAVID KASTIGAR	32
PETER RIDDLE	59	TODD BAILEY	26	RELAYS: M E N 800 YD. FREE		MARY	8:48.03
RICKY EVANS	55	GREG REMMERT	34	*****		BILL KVETKAS	35
MIKE FRESHLEY	56	OSB	4:00.20	19 +		CHRIS OSTROM	51
GRIN	2:02.44	TIM SEGESMAN	25	CRCH	8:13.94	NED DALY	52
GEORGE QUIGLEY	56	JASON HEFNER	25	BRAD SCHMIED	24	STEVEN MUCHOW	27
DAVE COSTILL	61	DANIEL KINDRON	25	JOHN VOORHEES	38		
MEL GOLDSTEIN	58	QUANAH RIDENOUR	26	MICHAEL LEMKE	39	45 +	
JERRY MYERS	59	VEN	4:01.80	MICHAEL NEAL	32	NEM	7:57.75
RMM	2:07.74	DAN BORTON	29	SLA	8:51.44	HOMER LANE	47
F.WENDELKEN	58	DAVID KASTIGAR	32	GARY REESE	30	BOB SELTZER	46
BOB PATTEN	62	STEVE LATTA	29	MICHAEL RAMIREZ	20	DANIEL ROGACKI	49
DENNIS O'BRIEN	61	CHAPPIE DEHAVEN	28	BILL DARBY	49	FRED SCHLICHER	48
MARK PLUMMER	60	LJCC	4:02.74	KARL STEWART	31	C-1776	9:21.22
NCMS	2:11.88	BILL CATANIA	34	VMST	9:20.30	JOHN MCSHANE	45
JOHN MURPHY	72	JAMES MURFF	32	FORREST SULLIVAN	67	DANIEL CASTELLANO	46
LOU GADOL	55	GUNNAR GRANDQUIST	31	WILLIAM MARTIN	37	HENRY DETERING	51
MILTON GEE	60	RANDY FRANKE	31	JAMES WOLFLE	28	DAVID ENGLISH	46
JERRY CLARK	59	LMM	4:04.54	COREY RIORDAN	19	WIS	9:50.50
GOLD	2:13.76	JOHN LAPP	28	GCMT	9:27.66	GARY BEZELLA	59
ALAN RAPPERPORT	63	DALE WEBSTER	27	ANDREW PERRY	28	ERIC EHRKE	45
WILLIAM QUAYLE	55	SHANNON POTTER	26	JOSH GORDON	23	PETER LEE	53
CAV CAVANAUGH	61	MICHAEL BAUER	27	NORM BRISKER	32	JOHN WHITE	45
CARL HOUSE	57			BRAD WOELFEL	47	LAKE	10:09.88
IM	2:14.35	45 +		GOST	9:30.93	JAMES GOODWIN	49
RICHARD HANLEY	61	MICH	3:52.72	CHRISTOPHER PUIN	32	TED WATHEN	50
TIM NORLING	55	FRANK THOMPSON	45	JARED WALKENHORST	22	GLENN HUBBUCH	51
RICHARD DOOLEY	55	STEVE HANSEN	45	JOSEPH HOESS	32	RICHARD SCHEU	56
DEWEY HOWELL	57	LAWRENCE KIMBALL	46	TODD RADEL	24	GCMT	10:22.45
WCM	2:15.63	LEONARD BROCKHAHN	46			ROBERT O'KEEFE	52
BOB MAYO	65	NEM	4:00.17	25 +		JOHN SWAIM	52
STAN MORNER	62	HOMER LANE	47	RUBA	7:17.23	TOM HERR	50
DON BROWN	63	DANIEL ROGACKI	49	CURTIS SAWIN	25	BRAD WOELFEL	47
FRED TRASK	69	FRED SCHLICHER	48	RICHARD TOOTHILL	27	OSB	10:28.93
PWA	2:16.70	BOB SELTZER	46	SCOTT YEOMANS	32	FRED DRENNAN	49
STEVEN THRASHER	55	OREG	4:05.77	CHRIS MCGIFFIN	31	BROCK BERNSTEIN	47
THOMAS TAYLOR	66	ROBERT SMITH	53	LAKE	8:04.49	HARRY DELATRE	50
DAVID ADDLEMAN	62	ALLEN STARK	48	DALE MERCKER	30	RICK GOEDEN	50
THOMAS FOLEY	62	JOHN COLLINS	45	JOHN NOLAN	48	OSB	12:22.10
USF	2:18.12	DOUG PRENTICE	48	SAM BLYTHE	37	STEVE CLOSE	54
DANIEL OSBORNE	69	CRUZ	4:13.00	JOHN GLEASON	37	JOHNNY JOHNSTON	54
ROBERT FEWSTER	58	JOHN SULTAN	49	EMP	8:05.57	ROBERT MAY	63
JOE ILLICK	62	JOEL WILSON	48	STEVEN FISHER	34	ROBERT SMITH	54
C.SAUNDERS	58	BRIAN FOSS	54	JEFFREY BARANY	28	*****	
*****		BILL DRULIAS	45	KIP FIERRO	37	RELAYS: MIXED 800 YD. FREE	
RELAYS: M E N 400 YD. MEDLEY		SDSM	4:27.49	MICHAEL RITTER	33	*****	
*****		PHIL SINATRA	46	LMM	8:09.17	19 +	
25 +		JERRY O'MARA	50	JOHN LAPP	28	MARY	8:17.00
ANCM	3:31.77	LELAND SWANSON	45	MICHAEL BAUER	27	JOANNE SONBERG	22
J CLAY BRITT	36	LARRY CARTWRIGHT	49	DALE WEBSTER	27	RACHEL BERKOWITZ	26
WALLY DICKS	34	MARY	4:32.67	SHANNON POTTER	26	BILL KVETKAS	35
JEFFREY RODDIN	27	JACK ILIFF	52	SDSM	8:14.52	STEVEN MUCHOW	27
JASON CRIST	35	BOB JOHNSTON	60	ROBERT RODEE	25	NEM	8:21.90
RUBA	3:37.65	CHRIS OSTROM	51	ERIC ABRAHAMSON	34	S.VANKUILENBURG	32
RICHARD TOOTHILL	27	NED DALY	52	MARK EDELSON	28	JENNIFER KENYON	24
BENN DOYLE	38	WCM	4:34.32	JON MANIFOLD	32	NANCY THOMSON	32
CURTIS SAWIN	25	DON BROWN	63	WILD	8:21.48	ROBERT BERRY	28
SCOTT YEOMANS	32	JACK LANCE	54	TODD KENYON	33	USF	8:22.61
NEM	3:49.47	JESS SMYERS	50	TD HAZZARD	25	JAMES RUGGIERO	24
CHRISTOPHER WOOD	29	DENNIS HORAN	45	JOHN GRANT	33	HEATHER ROYER	22
S.VANKUILENBURG	32	C-1776	4:42.02	CHIP JAWARSKI	26	LISA PEZZANI	27
ROBERT CARR	31	TOM KRUG	48	C-1776	8:28.49	MATTHEW CERIZO	28
ROBERT BERRY	28	JAMES KREMZIER	50	BRYAN MACCAUSLAND	34	VMST	8:22.91
NCMS	3:51.59	JOHN MCSHANE	45	DANIEL WHITEHEAD	31	KAREN RAMTHUN	26
THOMAS DAVIS	39	DANIEL CASTELLANO	46	JAMES ROBLES	31	MICHAEL KONTOS	36
DONALD GILCHRIST	43	SMMM	5:07.38	CHRISTOPHER LEWIS	30	LISA BENNETT	40
ANDREW FARRELL	26	JOHN ULRICH	47	GCMT	8:36.93	COREY RIORDAN	19
JONATHAN KLEIN	39	GARY BRENNER	49	ED POWERS	35	MINN	8:49.07
RUBA	3:53.33	DON GALINE	51	CHRIS BIRNBRICH	33	NICKI PHILLIPS	27
KENNETH FITCH	31	DICK PETERSON	60	DAVID SHEPHERD	31	BETH WOHLBERG	23
ALVIN RODRIGUEZ	30	GCMT	5:16.30	STEPHEN MEYER	29	PAUL WINDRATH	43
CLAY BOGUSKY	38	LARRY RINGER	48	VEN	8:45.66	ERIK MINGE	29
CHRIS MCGIFFIN	31	JOHN SWAIM	52	DAN BORTON	29	USF	8:51.37

## USMS SHORT COURSE YARDS 1996-1997 - ERRATA

MIKE MCKEON	27	JOSHUA COHEN	26	MICH	10:41.60
JENNA HORNSTOCK	23			THOMAS MOYER	49
SCOTT ADAMS	32	35 +		DONALD KROEGER	53
MEG ROYER	23	C-1776	7:52.32	FREDERICKA RAPP	52
DAM	8:58.07	ROB LONG	36	BEVERLY MYERS	61
ADRIAN JOHNSON	19	BRENDA BARTLETT	36	USF	11:02.14
REGINA BRITTINHAM	45	VIBEKE SWANSON	35	JOHN O'CONNOR	49
ELIZABETH BISHAY	33	STU MARVIN	41	SUNNY BLENDE	46
BILL HENDERSON	40	NEM	8:40.54	MARTHA CAMPBELL	48
USF	9:08.92	KARL KOLB	36	BILL TULL	46
ROB MILLER	23	TRACY GRILLI	40	MOB	11:17.74
KEIRA ALLEN	27	JACKI HIRSTY	44	BOB POPP	50
MIKE SLYTER	34	DAVID GRILLI	42	JUDY WAGNER	51
JENNIFER HART	30	VMST	8:41.26	SUZY REIERSON	45
INLAND MASTERS	9:21.26	J.B. BRINKMAN	38	THOMAS LALK	55
MIKE MURPHY	36	BETH BAKER	36	USF C MASTERS	11:44.39
MARY NOBLE	24	PATTY POWIS	36	LAUREN CHAITKIN	52
VIRGINIA MORETTO	28	DAVID MÅLSBURY	35	RANDY SCHILLER	48
KINNEY HARDIN	35	USF	8:43.75	ANDREA MAGHTIGALL	45
GOST	9:22.56	RICHARD GARRET	43	ELMER TOSTA	48
JOHN KANGAS	38	LINDA STANLEY	38		
JOE REINHARDT	35	TAITE DARLINGTON	41		
LORI NOSKOWIAK	32	SUSAN VONWINCKLER	35		
MARYBETH BAUER	21	GOST	9:44.24		
		DEVIN ADLER	35		
25 +		JOHN KANGAS	38		
SDSM	7:53.83	MARIANNE ERICKSON	44		
NED MAGGIORA	42	NEIL WASSERMAN	41		
K.PIPES-NEILSEN	34	USF	9:56.89		
VICKY DAVIDSON	32	KENT FORD	43		
ALAN VOISARD	36	CATHY HUANG	42		
C-1776	8:10.35	NANCY CUTLER	42		
CHRISTOPHER LEWIS	30	ALVIN CUTLER	35		
LOUISE BUCKLEY	30	GCMT	10:05.81		
LAURIE HUG	31	SUE MILLER	39		
BRYAN MACCAUSLAND	34	ED POWERS	35		
VMST	8:29.23	DENNIS FISHER	37		
TROY LEWIS	36	PAM ALLEN	40		
VALERIE NELLEN	26	GRIN	11:34.59		
MOLLY DEAN	31	GREG BAKER	44		
JAMES WOLFLE	28	DIANE SIGNER	36		
MNLO	8:30.69	PEGGY COOK	41		
ED OWEN	25	DOUG CHURCH	53		
LISA SHEEPER	32				
BRIAN SUBLETT	38	45 +			
JANE BURKS	39	C-1776	9:16.67		
WCM	8:30.71	CECILIA MCCLOSKEY	47		
KERRY O'BRIEN	40	STEPHANIE WALSH	47		
CHARLENE O'BRIEN	40	TOM KRUG	48		
KAREN DUGGAN	27	HENRY DETERING	51		
BRAD GOTHBURG	35	SDSM	9:37.61		
USF	8:35.47	BARBARA DUNBAR	48		
DARRELL GLASER	27	JERRY O'MARA	50		
LENY MARCUS	26	PEGGY LEONG	52		
TERRY BILLISH	29	LARRY CARTWRIGHT	49		
CURTICE SMITH	32	USF	9:42.70		
USF	8:35.57	DUKE DAHLIN	48		
OLEG LITVINOV	30	B.BRINKERHOFF	45		
MARIA HONIKA	30	RICHARD ATONDO	47		
HEATHER PERONI	26	SUSAN ALLEN	52		
THORSTEN ANDERSON	30	VMST	9:45.79		
USF	8:55.72	MOLLY BRODERSON	45		
KEVIN O'BOYLE	32	WARNER BRUNDAGE	54		
DAWN TAKETA	30	NANCY MILLER	47		
JULIA VINAL	28	JIM MILLER	46		
CHARLES EMM	27	MARY	9:53.64		
D-CRAW.	9:01.45	NED DALY	52		
SCOTT RABALAIS	38	CHRIS OSTROM	51		
KATHERINE TOUPS	28	VIKI ALTOMONTE	46		
KIM LITEL	26	SALLY ILIFF	51		
STEVE HECK	47	C-1776	10:11.23		
FOG CITY MASTER	9:05.55	DAVID ENGLISH	46		
KAT TRIAGG	26	DANIEL CASTELLANO	46		
GREG SPIRE	31	J.GREULICK-BYRON	46		
ELKE HOFFMAN	25	C.SCHROEDER	47		



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**UNITED STATES MASTERS SWIMMING  
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