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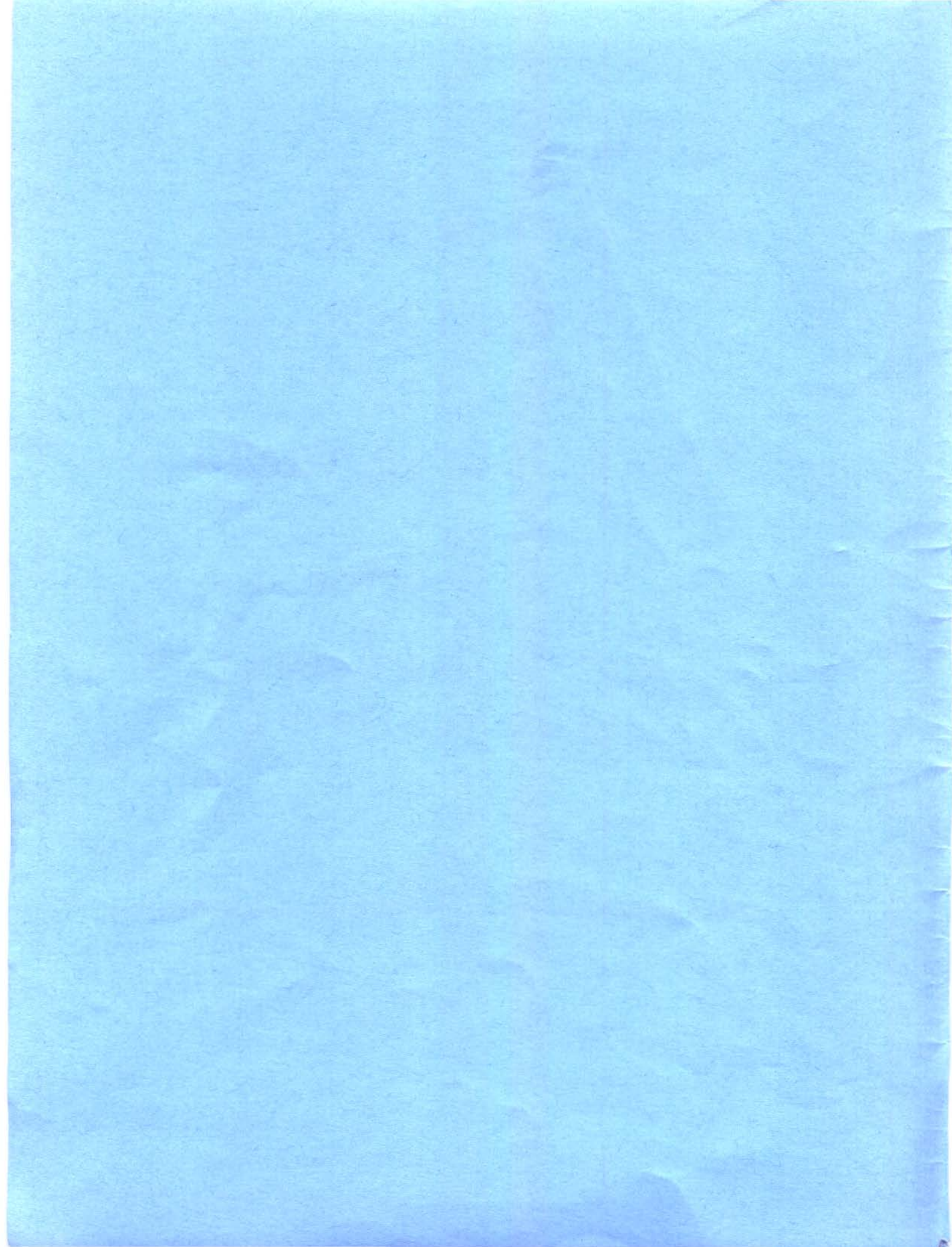
*United States
Masters Swimming, Inc.*

**1996/1997
Top Ten
Short Course Yards**

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



Published September 1997



TOP TEN - SHORT COURSE YARDS

1996 - 97 USMS TOP 10 SHORT COURSE YARDS

50 YD. FREE WOMEN 19-24	28.50 PAIGE LOWERY	21	28.28 DEBRA STOUT	23	25.17 ANNA LEPORIS	25
23.97 SUDI MILLER	28.73 DEBRA STOUT	23	28.34 JULIE BORLESKE	23	25.18 SHANNON BURGER	27
24.95 ILA BARLEAN	28.88 KARI HAAG	23	28.57 ANDREA COOK	24	25.20 KATHLEEN HARTNETT	25
25.17 ANN HART	29.03 M.JENKINS	23	28.81 PAULA GOODWIN	24	25.21 TRISH SCHOENLEIN	26
25.22 JESSICA SANTO	29.14 LAURA BORGELT	24	29.07 CANDACE CHAM	24	100 YD. FREE WOMEN 25-29	
25.70 ANITA NALL	29.21 TAUNYA ROBERTS	24	29.16 ERIN MONTAGUE	21	51.07 SARA SHAND	93
25.81 TAUNYA ROBERTS	29.44 ANN HART	24	29.24 MICHELLE PERRY	21	52.46 CINDY UNRUH	26
25.90 JODY PARKER	29.54 JAN HOWELL	24	100 YD. FLY WOMEN 19-24		53.04 JENNA JOHNSON	29
26.03 LAURA BORGELT	29.68 JENNIFER SNOOK	24	57.39 SUDI MILLER	91	54.19 LISA SUMMERS	25
26.22 AMY LITTLE	30.05 KRISTINA RECORD	23	59.48 M.JENKINS	23	54.36 M.DAVID-ADAMS	27
26.31 INGRID TUNG	100 YD. BACK WOMEN 19-24		1:00.48 SHIRLEY KIM	24	54.38 LAUREL HILL	28
26.34 HOLLY FORBES	57.96 DEBBIE RISEN	90	1:01.38 DEBRA STOUT	23	54.48 SHARON PATRICK	25
100 YD. FREE WOMEN 19-24	59.90 M.JENKINS	23	1:01.71 JULIE BORLESKE	23	54.60 PAMELA MINTHORN	25
52.08 SUDI MILLER	1:01.66 JULIE BORLESKE	23	1:01.73 CLAUDINE MARTINEZ	24	54.63 JENNIFER RIDGE	28
54.03 ANN HART	1:02.39 ANN HART	24	1:02.43 TAUNYA ROBERTS	24	55.52 TRISHA SCHWERZLER	29
54.74 ILA BARLEAN	1:03.06 LAURA BORGELT	24	1:02.58 DAWN MOKUAU	19	55.67 ANNA LEPORIS	25
55.19 JESSICA SANTO	1:03.58 JENNIFER SNOOK	24	1:02.74 KARA KELLY	20	200 YD. FREE WOMEN 25-29	
55.20 M.JENKINS	1:03.69 TATE BIRNIE	22	1:03.59 KUKU THAMMONGKOL	24	1:51.53 SARA SHAND	93
56.19 TAUNYA ROBERTS	1:03.77 ELIZABETH ZEHR	22	1:03.61 ANDREA COOK	24	1:55.17 LAUREL HILL	28
56.43 LAURA BORGELT	1:03.83 JAN HOWELL	24	200 YD. FLY WOMEN 19-24		1:56.05 LISA SUMMERS	25
56.62 HOLLY FORBES	1:03.87 KRISTINA RECORD	23	2:10.49 KARI HAAG	97	1:58.95 JENNA JOHNSON	29
56.89 MARGO LYNCH	1:05.56 JODY PARKER	24	2:10.49 KARI HAAG	23	1:59.18 JENNIFER RIDGE	28
57.15 SHIRLEY KIM	200 YD. BACK WOMEN 19-24		2:16.68 JULIE BORLESKE	23	1:59.51 NANCY NORTH	28
57.60 C. DUKE	2:06.90 SUSIE BURT	93	2:16.83 JULIE VEREMEY	24	1:59.76 PAMELA MINTHORN	25
200 YD. FREE WOMEN 19-24	2:10.34 M.JENKINS	23	2:19.43 KARA KELLY	20	1:59.83 TRISH SCHOENLEIN	26
1:54.22 DIANE GRANER	2:14.63 LAURA JUCKELAND	24	2:19.72 ABIGAIL MARKWYN	22	2:00.76 BRIDGET ROBBINS	27
1:58.28 CLAUDINE MARTINEZ	2:16.56 KRISTINA RECORD	23	2:21.32 DAWN MOKUAU	19	2:02.88 MICHELLE GHIGGERI	28
2:02.32 JENNIFER KENYON	2:17.39 ANN HART	24	2:25.03 HEATHER ROYER	22	2:03.02 GILLIAN FUCIGNA	29
2:03.06 JESSICA SANTO	2:17.89 TAUNYA ROBERTS	24	2:25.25 KUKU THAMMONGKOL	24	500 YD. FREE WOMEN 25-29	
2:04.76 HOLLY FORBES	2:18.66 ABIGAIL MARKWYN	22	2:27.91 LAUREL HOOPER	23	4:49.88 SHEILA TAORMINA	96
2:04.90 ROSE MAGUIRE	2:20.74 JENNIFER SNOOK	24	2:28.51 ROSE RICE	23	5:13.18 LAUREL HILL	28
2:05.10 TATE BIRNIE	2:21.56 C. DUKE	19	100 YD. I.M. WOMEN 19-24		5:16.47 NANCY NORTH	28
2:05.22 TAUNYA ROBERTS	2:21.60 DAWN MOKUAU	19	59.21 SUDI MILLER	91	5:17.09 ELLEN BAIRD	27
2:05.74 JOANNE SONBERG	2:23.05 JENNIFER KENYON	24	1:02.03 KARI HAAG	23	5:21.11 BECKY FENSON	29
2:06.55 LAUREL HOOPER	50 YD. BRST WOMEN 19-24		1:02.95 KARI ANDERSSON	24	5:21.89 KIRA DALE	25
2:07.40 ROSE RICE	30.25 SUSIE MORTENSON	93	1:03.27 ANITA NALL	20	5:21.96 DONNA JOHNSON	29
2:07.40 JENNIFER WHITNEY	31.41 CHRISTINE LOGAR	24	1:03.50 CLAUDINE MARTINEZ	24	5:28.35 BETHANY WILLISTON	26
500 YD. FREE WOMEN 19-24	31.79 STACI MALIN	23	1:03.62 ANN HART	24	5:28.59 SARAH ANDERSON	26
4:56.93 EVA MORTENSEN	31.91 LYDIA NEILSEN	23	1:03.67 CHRISTINE LOGAR	24	5:31.76 ANNA LEPORIS	25
5:13.93 CLAUDINE MARTINEZ	31.94 ANITA NALL	20	1:04.19 SHIRLEY KIM	24	5:32.50 HEATHER GRADY	26
5:14.43 A.FISHER-BERDOL	32.02 HEATHER DOUGHERTY	22	1:04.39 ILA BARLEAN	23	1000 YD. FREE WOMEN 25-29	
5:14.52 JODIE ZIEBELL	32.50 TARA DIACHENKO	22	1:04.52 JESSICA SANTO	23	10:12.34 LISA HAZEN	94
5:22.54 LAUREL HOOPER	32.50 TRACY PALENSHUS	24	1:04.88 LAURA BORGELT	24	10:51.26 LAUREL HILL	28
5:25.18 JULIE VEREMEY	32.63 MINDY RINEHOLD	21	200 YD. I.M. WOMEN 19-24		10:53.44 DONNA JOHNSON	29
5:25.84 JENNIFER KENYON	33.21 ANGIE BUGARCIC	24	2:08.74 SUDI MILLER	91	11:03.19 ELLEN BAIRD	27
5:26.70 ABIGAIL MARKWYN	33.22 ANDREA COOK	24	2:13.02 CLAUDINE MARTINEZ	24	11:20.33 NANCY NORTH	28
5:28.97 JOANNE SONBERG	100 YD. BRST WOMEN 19-24		2:14.43 KARI ANDERSSON	24	11:20.70 BRIDGET ROBBINS	27
5:31.45 TAUNYA ROBERTS	1:06.74 SUSIE MORTENSON	93	2:15.67 ANITA NALL	20	11:22.65 HEATHER GRADY	26
5:35.09 ROSE RICE	1:07.50 CHRISTINE LOGAR	24	2:16.75 ANN HART	24	11:24.91 CECILIA HENRIKSEN	29
1000 YD. FREE WOMEN 19-24	1:08.50 ANITA NALL	20	2:16.96 CHRISTINE LOGAR	24	11:34.55 KATHY ELWYN	29
10:33.71 ALISON ZAMANIAM	1:09.22 LYDIA NEILSEN	23	2:17.82 ANDREA FISHER-BEL	24	11:42.31 LAURA CALLIF	29
10:56.44 LAUREL HOOPER	1:09.44 STACI MALIN	23	2:18.93 ABIGAIL MARKWYN	22	11:43.08 KAREN LEAHY	28
11:00.44 ANITA NALL	1:09.85 HEATHER DOUGHERTY	22	2:20.26 LAURA JUCKELAND	24	1650 YD. FREE WOMEN 25-29	
11:12.99 ABIGAIL MARKWYN	1:10.64 MINDY RINEHOLD	21	2:20.85 TATE BIRNIE	22	16:50.17 KAREN BURTON	91
11:17.48 JOANNE SONBERG	1:11.77 ANDREA COOK	24	2:21.08 JESSICA SANTO	23	17:55.64 DONNA JOHNSON	29
11:34.83 JILL MURAMY	1:11.92 TRACY PALENSHUS	24	400 YD. I.M. WOMEN 19-24		17:56.40 ALISON ZAMANIAM	26
11:43.70 HEATHER ROYER	1:12.54 SHIRLEY KIM	24	4:38.94 CLAUDINE MARTINEZ	24	18:21.62 NANCY NORTH	28
11:50.26 MINDY RINEHOLD	1:13.25 ELIZABETH BAST	19	4:38.94 CLAUDINE MARTINEZ	24	18:21.69 JOANNA ZEIGER	26
11:59.58 KARA KELLY	200 YD. BRST WOMEN 19-24		4:51.90 LAUREL HOOPER	23	18:37.95 KIRA DALE	25
12:05.02 JENNIFER BREWER	2:25.40 ANNE TWEEDY	87	5:01.06 JENNIFER KENYON	24	19:00.22 BRIDGET ROBBINS	27
12:15.56 AMY SHARP	2:26.03 ANITA NALL	20	5:02.59 JOANNE SONBERG	22	19:13.52 HILARY DEVINE	25
1650 YD. FREE WOMEN 19-24	2:26.75 CHRISTINE LOGAR	24	5:03.86 HEATHER ROYER	22	19:18.68 GILLIAN FUCIGNA	29
17:31.70 KAREN BURTON	2:29.57 HEATHER DOUGHERTY	22	5:04.99 KARA KELLY	20	19:25.42 HEATHER GRADY	26
18:16.75 A.FISHER-BERDOL	2:32.01 STACI MALIN	23	5:06.71 ERIN CAMPBELL	23	19:29.11 KAREN LEAHY	28
18:52.44 ABIGAIL MARKWYN	2:32.17 MINDY RINEHOLD	21	5:17.07 ELIZABETH BAST	19	50 YD. BACK WOMEN 25-29	
18:53.83 LAUREL HOOPER	2:34.01 MELISSA BRAISTED	24	5:32.69 NINA RADOJEVICH	24	26.76 DIANE GRANER	89
19:22.56 JILL MURAMY	2:36.49 TRACY PALENSHUS	24	5:33.61 MARY NOBLE	24	28.59 JOANNA WOODWARD	25
20:02.45 KARA KELLY	2:36.56 C.RADCLIFF	22	50 YD. FREE WOMEN 25-29		28.83 JERI RAMSBOTTOM	25
20:08.26 MICHELLE RIEMANN	2:38.36 ELIZABETH BAST	19	23.20 ANNA PETTIS-SCOTT	92	29.10 JULIE MOODY	28
21:20.08 KIM GAIR	2:38.52 JENNY KUSNER	22	24.25 CINDY UNRUH	26	29.30 KATHY UTLEY	26
21:28.13 SHELLEY SINK	50 YD. FLY WOMEN 19-24		24.41 SHARON PATRICK	25	29.48 M.DAVID-ADAMS	27
21:54.89 ANNA WERNER	26.20 JAMIE RAAB	95	24.50 JENNA JOHNSON	29	29.48 S.PFALTZGRAFF	25
22:18.52 JENNA HORNSTOCK	27.00 M.JENKINS	23	24.55 M.DAVID-ADAMS	27	29.52 LAURA MCKEEVER	29
50 YD. BACK WOMEN 19-24	28.00 DAWN MOKUAU	19	25.07 LISA SUMMERS	25	29.56 CHRISTIE WOODRUFF	26
27.85 DEBBIE RISEN	28.15 JESSICA SANTO	23	25.13 WENDY HIPSKIND	25	29.59 CINDY UNRUH	26

TOP TEN - SHORT COURSE YARDS

29.65 BRIDGET ROBBINS 27	58.18 WENDY HIPSKIND 25	54.17 MARTIE MC KINNEY 32	1:02.19 VICKY DAVIDSON 32
100 YD. BACK WOMEN 25-29	58.21 JENNA JOHNSON 29	54.59 LAUREEN WELTING 31	1:02.75 PAMELA BOSCOVICH 34
56.70 DIANE GRANER 91	58.52 PAMELA MINTHORN 25	54.76 TRISHA SCHWERZLER 30	1:02.95 V.RICHARDSON 32
1:01.65 BRIDGET ROBBINS 27	58.71 CINDY UNRUH 26	55.34 VICKY DAVIDSON 32	1:03.85 CHRISTINE VESS 32
1:01.67 KATHLEEN HARTNETT 25	59.89 KATHY UTLEY 26	55.69 TRACIE MOLL 33	200 YD. BACK WOMEN 30-34
1:01.72 JOANNA WOODWARD 25	1:01.20 MARY BERGEN 26	55.74 SUSAN MOSS 31	1:59.93 K PIPES-NEILSEN 96
1:01.98 JULIE MOODY 28	1:01.92 CHERYL LONGFELLOW 27	56.01 CHRISTINE VESS 32	2:01.72 K.PIPES-NEILSEN 34
1:02.33 JERI RAMSBOTTOM 25	1:02.14 PAMELA FRANKLIN 27	200 YD. FREE WOMEN 30-34	2:04.82 D.GRANER-GALLAS 33
1:02.55 SHARON PATRICK 25	1:02.22 SHANNON BURGER 27	1:51.99 K PIPES-NEILSEN 96	2:08.34 MARTIE MC KINNEY 32
1:02.70 SOLVEI SULLIVAN 26	1:02.46 BRIDGET ROBBINS 27	1:54.25 K.PIPES-NEILSEN 34	2:13.72 V.RICHARDSON 32
1:02.89 CHANDRA HAISLET 27	200 YD. FLY WOMEN 25-29	1:54.79 LAURIE VIDAL 34	2:13.91 DAWN HEWITT 32
1:03.10 LAURA MCKEEVER 29	2:03.38 JUNE FORD 87	1:57.06 LAUREEN WELTING 31	2:14.65 LORETTA SOFFE 30
1:03.11 KATHY UTLEY 26	2:07.80 WENDY HIPSKIND 25	1:58.80 DIA GRANER-GALLAS 32	2:14.90 PAMELA BOSCOVICH 34
200 YD. BACK WOMEN 25-29	2:14.68 NANCY NORTH 28	2:01.98 V.RICHARDSON 32	2:15.58 VICKY DAVIDSON 32
2:01.29 DIANE GRANER 91	2:15.03 MOJCA CATER 27	2:02.53 T.CHILDRESS-BROWN 33	2:16.15 KAREN BURTON 34
2:14.88 BRIDGET ROBBINS 27	2:17.07 KIRA DALE 25	2:02.55 LAURIE HUG 31	2:16.25 JOAN SCHRIGER 32
2:15.59 JERI RAMSBOTTOM 25	2:17.61 CECILIA HENRIKSEN 29	2:02.74 RACHEL WINDSOR 34	50 YD. BRST WOMEN 30-34
2:17.07 E.SARKAUSKAITE 29	2:21.41 MARY RYAN 25	2:03.03 NADINE BOWEN 30	29.84 ROSEMARIE SEAMAN 89
2:17.34 SOLVEI SULLIVAN 26	2:22.33 CHERYL LONGFELLOW 27	2:03.12 TRACIE MOLL 33	32.04 KATHRYN GELMAN 32
2:18.57 JULIE MOODY 28	2:22.40 DONNA JOHNSON 29	500 YD. FREE WOMEN 30-34	32.39 SHARON WEISS 34
2:18.92 CHRISTIE WOODRUFF 26	2:24.14 SHAUNA SIMPSON 25	4:59.08 K PIPES-NEILSEN 96	32.46 K.PIPES-NEILSEN 34
2:19.16 KATHY ELWYN 29	2:24.59 GILLIAN FUCIGNA 29	5:01.20 K.PIPES-NEILSEN 34	32.93 VICKI MARSH 34
2:19.82 HEATHER GRADY 26	100 YD. I.M. WOMEN 25-29	5:12.83 LAURIE VIDAL 34	33.11 BARB MISENER 30
2:20.39 LAURA MCKEEVER 29	58.84 SARA SHAND 93	5:18.56 KAREN BURTON 34	33.35 JENNIFER LUNDMARK 30
2:21.08 MOJCA CATER 27	1:01.16 CINDY UNRUH 26	5:19.20 LAURIE HUG 31	33.36 PAULA POLLARD 33
50 YD. BRST WOMEN 25-29	1:01.25 JENNA JOHNSON 29	5:23.37 DIA GRANER-GALLAS 32	33.45 MAUD ORLANDO 34
29.78 KELLI KING-BEDNAR96	1:01.39 SHARON PATRICK 25	5:25.80 DEBORAH ZIMIC 34	33.47 BETHANY ALTCHER 30
30.53 LOUISE MARTIN 28	1:01.59 WENDY HIPSKIND 25	5:26.14 SUSIE DEVLIN 30	33.57 CINDY BAUMAN 31
30.91 SUSIE MORTENSON 28	1:02.37 JENNIFER RIDGE 28	5:29.98 C.CHICHESTER 33	100 YD. BRST WOMEN 30-34
31.80 LAUREL HILL 28	1:02.40 LISA SUMMERS 25	5:30.37 E.MARESCA-ORTOF 30	1:05.05 ROSEMARIE SEAMAN 89
32.14 SHARON PATRICK 25	1:02.67 SUSIE MORTENSON 28	5:30.53 LOUISE BUCKLEY 30	1:08.59 K.PIPES-NEILSEN 34
32.30 KERSTEN ANNEGERS 28	1:02.68 CHANDRA HAISLET 27	1000 YD. FREE WOMEN 30-34	1:10.15 SHARON WEISS 34
32.43 MARY BERGEN 26	1:02.70 TRISH SCHOENLEIN 26	10:20.08 K PIPES-NEILSEN 97	1:10.40 KATHRYN GELMAN 32
32.77 HELEN WALSH 28	1:02.77 MICHELLE CHOW 28	10:20.08 K.PIPES-NEILSEN 34	1:11.29 JENNIFER LUNDMARK 30
32.77 TRISH SCHOENLEIN 26	200 YD. I.M. WOMEN 25-29	10:39.02 LAURIE VIDAL 34	1:11.54 BETHANY ALTCHER 30
32.93 MIA COSTELLO 29	2:05.98 SARA SHAND 93	10:54.42 KAREN BURTON 34	1:11.79 SUSANNE DIVELBISS 31
32.94 LAURA MUMBER 28	2:11.73 LISA SUMMERS 25	10:59.68 LAURIE HUG 31	1:11.85 KATIE HAZELWOOD 32
100 YD. BRST WOMEN 25-29	2:11.82 WENDY HIPSKIND 25	11:00.53 H.VAUGHN-EDMONDS 34	1:12.04 MAUD ORLANDO 34
1:05.88 KELLI KING-BEDNAR96	2:12.12 LAUREL HILL 28	11:17.90 V.RICHARDSON 32	1:12.25 VICKI MARSH 34
1:07.26 LAUREL HILL 28	2:13.45 PAMELA MINTHORN 25	11:22.26 MARCIA CLEVELAND 32	1:12.86 PAMELA LINDROOS 31
1:07.34 LOUISE MARTIN 28	2:14.20 CINDY UNRUH 26	11:22.99 LOUISE BUCKLEY 30	200 YD. BRST WOMEN 30-34
1:08.74 SUSIE MORTENSON 28	2:14.95 JENNIFER RIDGE 28	11:26.39 KRISTEN JOHNSTON 30	2:27.82 K PIPES-NEILSEN 97
1:09.77 LISA SUMMERS 25	2:15.21 ELLEN BAIRD 27	11:31.31 SUE CAHILL 34	2:27.82 K.PIPES-NEILSEN 34
1:09.79 HELEN WALSH 28	2:15.72 PAMELA FRANKLIN 27	1650 YD. FREE WOMEN 30-34	2:32.89 SHARON WEISS 34
1:10.05 KERSTEN ANNEGERS 28	2:15.75 HELEN WALSH 28	17:07.52 KAREN BURTON 93	2:34.44 JENNIFER LUNDMARK 30
1:10.28 MARY BERGEN 26	2:16.88 LAURA MCKEEVER 29	18:01.87 KAREN BURTON 34	2:35.63 BETHANY ALTCHER 30
1:10.35 TRISH SCHOENLEIN 26	400 YD. I.M. WOMEN 25-29	18:31.79 LAURIE HUG 31	2:36.90 KATIE HAZELWOOD 32
1:10.51 SHARON PATRICK 25	4:28.40 SARA SHAND 91	18:48.65 TERRI WALTERS 30	2:36.91 MAUD ORLANDO 34
1:10.93 MIA COSTELLO 29	4:47.11 HELEN WALSH 28	19:11.35 MARCIA CLEVELAND 32	2:38.62 LISA SCHAUWECKER 31
200 YD. BRST WOMEN 25-29	4:47.96 ELLEN BAIRD 27	19:13.11 LOUISE BUCKLEY 30	2:38.97 SUSAN CASEY 34
2:23.59 LOUISE KEOGH 94	4:49.12 JENNIFER RIDGE 28	19:15.34 NADINE BOWEN 30	2:39.26 BETH SCHEIMANN 34
2:26.09 LOUISE MARTIN 28	4:49.34 LAUREL HILL 28	19:15.69 SUE CAHILL 34	2:39.83 MARY-FRAN PERRONI 31
2:28.73 LAUREL HILL 28	4:50.36 NANCY NORTH 28	19:20.52 LISA SHEEPER 32	50 YD. FLY WOMEN 30-34
2:29.78 SUSIE MORTENSON 28	4:51.64 DONNA JOHNSON 29	19:20.28 ANITA IRONS 33	25.62 ROSEMARIE SEAMAN 89
2:30.22 HELEN WALSH 28	4:53.65 MICHELLE CHOW 28	19:40.81 RACHEL WINDSOR 34	26.31 D.GRANER-GALLAS 33
2:32.17 KERSTEN ANNEGERS 28	4:53.68 CECILIA HENRIKSEN 29	50 YD. BACK WOMEN 30-34	26.60 MARTIE MC KINNEY 32
2:32.52 JENNIFER RIDGE 28	4:54.27 KIRA DALE 25	27.14 D.GRANER-GALLAS 97	26.95 MERIT GREAVES 33
2:33.63 KAREN DUGGAN 26	4:55.03 KAREN DUGGAN 26	27.70 MARTIE MC KINNEY 32	27.00 K.PIPES-NEILSEN 34
2:35.40 CHERYL COWLIN 28	50 YD. FREE WOMEN 30-34	27.89 K.PIPES-NEILSEN 34	27.09 TRISHA SCHWERZLER 30
2:36.35 ALISON WOHLUST 28	23.04 S NEILSON-BELL 88	28.24 JILL ROTHKOPF 30	27.39 BARBARA MISENER 30
2:36.87 SAMANTHA ROYER 26	23.76 MERIT GREAVES 33	28.26 DYNE BURRELL 30	27.43 V.RICHARDSON 32
50 YD. FLY WOMEN 25-29	24.86 K.PIPES-NEILSEN 34	28.63 VICKY DAVIDSON 32	27.75 MARGARET MONTESI 33
25.68 LINDA LANINI 87	24.87 KATE MACDONALD 30	28.77 LAURIE VIDAL 34	27.88 TRACIE MOLL 33
26.10 JENNA JOHNSON 29	24.99 TRISHA SCHWERZLER 30	28.79 KATE MACDONALD 30	27.91 KATE MACDONALD 30
26.62 CINDY UNRUH 26	25.17 MARGARET MONTESI 33	28.87 V.RICHARDSON 32	100 YD. FLY WOMEN 30-34
26.65 WENDY HIPSKIND 25	25.32 VICKY DAVIDSON 32	29.26 SANDY COLBY 34	55.68 ROSEMARIE SEAMAN 89
26.85 M.DAVID-ADAMS 27	25.45 DIA GRANER-GALLAS 32	57.13 K PIPES-NEILSEN 96	57.25 MARTIE MC KINNEY 32
27.38 KATHY UTLEY 26	25.55 SUSANNE DIVELBISS 31	57.75 D.GRANER-GALLAS 33	58.11 D.GRANER-GALLAS 33
27.62 TRISHA SCHWERZLER 29	25.55 V.RICHARDSON 32	57.83 K.PIPES-NEILSEN 34	58.82 K.PIPES-NEILSEN 34
27.76 LISA SUMMERS 25	25.55 TRACIE MOLL 33	57.95 MARTIE MC KINNEY 32	59.37 V.RICHARDSON 32
27.79 CHANDRA HAISLET 27	100 YD. FREE WOMEN 30-34	1:00.89 LAURIE VIDAL 34	1:00.46 TRACIE MOLL 33
27.79 LEIGH METCALF 25	50.83 SANDY NEILSON 87	1:01.20 JILL ROTHKOPF 30	1:00.72 BARBARA MISENER 30
27.80 SUSAN STRONG 25	52.42 K.PIPES-NEILSEN 34	1:01.73 DAWN HEWITT 32	1:00.85 MARGARET MONTESI 33
100 YD. FLY WOMEN 25-29	52.72 D.GRANER-GALLAS 33		1:00.95 LORETTA SOFFE 30
57.01 DIANE GRANER 91	53.54 LAURIE VIDAL 34		1:01.08 LAUREEN WELTING 31

TOP TEN - SHORT COURSE YARDS

1:01.33 VICKY DAVIDSON 32	1:51.55 K.PIPES-NEILSEN 35	2:13.98 VIBEKE SWANSON 35	2:22.99 NANCY ROSE 35
200 YD. FLY WOMEN 30-34	1:58.22 BETH KNIGHT 37	2:14.39 JILL HERNANDEZ 36	2:23.11 KIMBERLY ARATA 37
2:03.46 K.PIPES-NEILSEN 96	1:58.80 MARGEE CURRAN 36	2:16.22 ROBIN ZUBECK 35	2:25.38 SARAH TURNER 35
2:04.65 K.PIPES-NEILSEN 34	1:59.92 GRACIE GODDARD 37	2:19.68 BONNIE BILICH 39	2:25.86 STEPHANIE PORTER 35
2:06.20 MARTIE MC KINNEY 32	2:00.09 VIBEKE SWANSON 35	2:19.79 ROBYNN MASTERS 37	100 YD. I.M. WOMEN 35-39
2:14.45 LAUREEN WELTING 31	2:00.25 ROBYNN MASTERS 38	2:21.04 SIMONE LAPAY 36	58.60 K.PIPES-NEILSEN 97
2:16.22 V.RICHARDSON 32	2:01.11 SUZANNE HEIM 38	2:22.55 LINDLEY DOUGHTY 38	58.60 K.PIPES-NEILSEN 35
2:16.53 KAREN BURTON 34	2:01.72 SIMONE LA PAY 36	50 YD. BRST WOMEN 35-39	1:01.81 JUDY LALLIER 37
2:16.55 C.CHICHESTER 33	2:02.04 CATHY SHONKWILER 36	30.85 LESLIE OSBORNE 89	1:01.96 JILL HERNANDEZ 36
2:18.67 BARBARA MISENER 30	2:02.38 BRENDA BARTLETT 36	31.06 K.PIPES-NEILSEN 35	1:03.21 VIBEKE SWANSON 35
2:19.07 KIM ELSBACH 34	500 YD. FREE WOMEN 35-39	32.57 DEA JOSLIN 38	1:04.63 CARLA DROPO 37
2:19.40 LAURIE HUG 31	4:56.09 K.PIPES-NEILSEN 97	32.78 SUSAN RICHMOND 35	1:04.72 CINDY WATTS 35
2:19.66 MARCIA CLEVELAND 32	4:56.09 K.PIPES-NEILSEN 35	32.92 CAROLYN KOSTER 35	1:04.74 ELAINE WIMER 37
100 YD. I.M. WOMEN 30-34	5:17.00 JILL HERNANDEZ 36	32.97 VAL HAGUE 36	1:04.83 ROSEMARIE SEAMAN 39
58.78 ROSEMARIE SEAMAN 89	5:17.00 JUDY LALLIER 37	33.16 JUDY LALLIER 37	1:04.91 ANN HABERNIGG 35
59.32 K.PIPES-NEILSEN 34	5:17.17 MARGEE CURRAN 36	33.30 ANN HABERNIGG 35	1:05.17 SUSAN RICHMOND 35
1:02.77 LORETTA SOFFE 30	5:18.03 BETH KNIGHT 37	33.31 KIM CROUCH 35	200 YD. I.M. WOMEN 35-39
1:03.24 BARBARA MISENER 30	5:20.47 BRENDA BARTLETT 36	33.33 ELAINE WIMER 37	2:05.39 K.PIPES-NEILSEN 97
1:03.37 AUDREY HOLMES 31	5:21.52 SUZANNE HEIM 38	33.35 ROSEMARIE SEAMAN 39	2:05.39 K.PIPES-NEILSEN 35
1:03.83 DIA GRANER-GALLAS 32	5:25.33 DEBORAH ZIMIC 35	100 YD. BRST WOMEN 35-39	2:11.93 JILL HERNANDEZ 36
1:03.98 LAURIE VIDAL 34	5:27.21 MARGUERITE MEYER 38	1:07.58 LESLIE OSBORNE 89	2:13.04 JUDY LALLIER 37
1:04.10 MARGARET MONTESI 33	5:30.95 ROBIN ZUBECK 35	1:08.12 K.PIPES-NEILSEN 35	2:17.01 VIBEKE SWANSON 35
1:04.16 CHARLENE HEVEY 31	1000 YD. FREE WOMEN 35-39	1:09.87 DEA JOSLIN 38	2:18.74 DEBORAH ZIMIC 35
1:04.17 V.RICHARDSON 32	10:35.34 JUNE FORD 97	1:10.80 JUDY LALLIER 37	2:20.99 ROBYNN MASTERS 38
1:04.18 SUSANNE DIVELBISS 31	10:35.34 JUNE FORD 35	1:11.97 VAL HAGUE 36	2:21.01 ROSEMARIE SEAMAN 39
200 YD. I.M. WOMEN 30-34	10:43.63 MARGEE CURRAN 36	1:11.97 KIM CROUCH 35	2:21.44 BRENDA BARTLETT 36
2:04.30 K.PIPES-NEILSEN 96	10:54.83 SUZANNE HEIM 38	1:12.18 SUSAN RICHMOND 35	2:22.18 CARLA DROPO 37
2:06.16 K.PIPES-NEILSEN 34	11:01.45 ROBYNN MASTERS 38	1:12.60 CAROLYN KOSTER 35	2:22.49 DEA JOSLIN 38
2:12.85 LORETTA SOFFE 30	11:03.08 BRENDA BARTLETT 36	1:12.69 EILEEN WALL 39	400 YD. I.M. WOMEN 35-39
2:13.24 LAURIE VIDAL 34	11:12.32 MARGUERITE MEYER 38	1:12.86 ROSEMARIE SEAMAN 39	4:41.45 JILL HERNANDEZ 97
2:14.51 LAUREEN WELTING 31	11:18.56 SIMONE LAPAY 36	1:13.70 CARLA DROPO 37	4:24.19 K.PIPES-NEILSEN 35NV
2:14.57 V.RICHARDSON 32	11:30.39 JUDY NELSON 36	200 YD. BRST WOMEN 35-39	4:41.45 JILL HERNANDEZ 36
2:16.31 E.MARESCA-ORTOF 30	11:32.69 SARAH TURNER 35	2:26.85 K.PIPES-NEILSEN 97	4:42.54 JUNE FORD 35
2:17.44 KAREN BURTON 34	11:36.52 CATHY SHONKWILER 36	2:26.85 K.PIPES-NEILSEN 35	4:50.74 DEBORAH ZIMIC 35
2:18.12 C.CHICHESTER 33	1650 YD. FREE WOMEN 35-39	2:30.87 DEA JOSLIN 38	4:51.73 BRENDA BARTLETT 36
2:18.48 LAURIE HUG 31	17:15.23 SUSAN HALFACRE 88	2:31.46 CAROLYN KOSTER 35	4:52.34 ROBIN ZUBECK 35
2:18.85 SHARON WEISS 34	17:13.99 KAR PIPES-NEILSEN 35NV	2:32.27 JUNE FORD 35	4:59.11 ROBYNN MASTERS 38
400 YD. I.M. WOMEN 30-34	18:08.10 MARGEE CURRAN 35	2:35.28 SUSAN RICHMOND 35	5:03.74 DANIELA CAMARRA 35
4:25.68 KARLYN PIPES 95	18:09.06 ROBYNN MASTERS 38	2:37.51 KIM CROUCH 35	5:04.85 SUZANNE HEIM 38
4:30.87 K.PIPES-NEILSEN 34	18:14.66 SUZANNE HEIM 38	2:37.54 EILEEN WALL 39	5:06.73 NANCY ROSE 35
4:38.17 LORETTA SOFFE 30	18:21.92 BRENDA BARTLETT 36	2:38.94 PATTY POWIS 36	50 YD. FREE WOMEN 40-44
4:44.71 LAUREEN WELTING 31	18:30.89 MARGUERITE MEYER 38	2:39.06 CARLA DROPO 37	24.29 S.NEILSON-BELL 96
4:50.31 E.MARESCA-ORTOF 30	18:37.15 DEBORAH ZIMIC 35	2:41.31 COKIE LEPINSKI 37	24.60 S.NEILSON-BELL 41
4:51.44 V.RICHARDSON 32	18:55.34 ROBIN ZUBECK 35	50 YD. FLY WOMEN 35-39	25.22 GAYLE WETTACH 40
4:53.15 C.CHICHESTER 33	18:59.28 NANCY ROSE 35	26.68 LAURA VAL 87	25.69 JACKI HIRSTY 44
4:53.35 LAURIE HUG 31	19:03.78 MELANIE DULLEA 35	26.79 KAR PIPES-NEILSEN 35	25.95 JANE ZIEGLER 43
4:53.72 DEBORAH ZIMIC 34	50 YD. BACK WOMEN 35-39	27.34 CAREN MC NAMARA 36	26.04 KARLENE WISE 43
4:56.83 TERRI WALTERS 30	27.02 K.PIPES-NEILSEN 97	27.49 CATHY SHONKWILER 36	26.08 DANIELLE OGIER 44
4:57.27 MICHELLE HOJNACKI 34	27.02 K.PIPES-NEILSEN 35	27.56 CINDY WATTS 35	26.23 PAM DRAFTS 40
50 YD. FREE WOMEN 35-39	28.79 ZENA COURTNEY 37	28.26 GRACIE GODDARD 37	26.49 SUSAN KIRKLAND 40
23.53 S.NEILSON-BELL 96	28.82 JUDY LALLIER 37	28.40 ELAINE WIMER 37	26.59 MARY LIPPOLD 41
23.93 AMY POPE 36	29.08 CATHY SHONKWILER 36	28.47 LIZ HOBBS 35	26.65 LYNN MORRISON 42
24.14 K.PIPES-NEILSEN 35	29.33 LINDLEY DOUGHTY 38	28.48 ROSEMARIE SEAMAN 39	100 YD. FREE WOMEN 40-44
25.01 BETH KNIGHT 37	29.56 CINDY WATTS 35	28.50 MARGEE CURRAN 36	52.72 S.NEILSON-BELL 96
25.17 LIZ HOBBS 35	29.78 LIZ HOBBS 35	28.59 ANN HABERNIGG 35	53.75 S.NEILSON-BELL 41
25.17 CATHY SHONKWILER 36	29.92 BONNIE BILICH 39	100 YD. FLY WOMEN 35-39	55.86 GAYLE WETTACH 40
25.23 GRACIE GODDARD 37	30.06 L.HASSELQUIST 39	56.90 SUSAN HALFACRE 88	55.91 JACKI HIRSTY 44
25.40 ELAINE WIMER 37	30.56 CAREN MC NAMARA 36	57.54 K.PIPES-NEILSEN 35	56.17 JANE ZIEGLER 43
25.43 CINDY WATTS 35	100 YD. BACK WOMEN 35-39	59.92 JILL HERNANDEZ 36	56.64 DANIELLE OGIER 44
25.44 CAREN MC NAMARA 36	57.41 K.PIPES-NEILSEN 97	1:00.59 JUNE FORD 35	57.20 SUSAN KIRKLAND 40
25.61 JUDY LALLIER 37	57.41 K.PIPES-NEILSEN 35	1:01.50 ZENA COURTNEY 37	57.46 LYNN MORRISON 42
100 YD. FREE WOMEN 35-39	1:00.41 VIBEKE SWANSON 35	1:01.80 CINDY WATTS 35	57.95 KARLENE WISE 43
51.54 S.NEILSON-BELL 95	1:00.66 JUDY LALLIER 37	1:01.86 CATHY SHONKWILER 36	58.28 SUSAN HALFACRE 44
51.87 K.PIPES-NEILSEN 35	1:00.98 ZENA COURTNEY 37	1:02.46 BRENDA BARTLETT 36	58.45 MARY LIPPOLD 41
54.16 BETH KNIGHT 37	1:03.36 CINDY WATTS 35	1:02.69 VIBEKE SWANSON 35	200 YD. FREE WOMEN 40-44
54.36 GRACIE GODDARD 37	1:03.86 LINDLEY DOUGHTY 38	1:02.76 CAREN MC NAMARA 36	1:58.79 LAURA VAL 94
55.41 CATHY SHONKWILER 36	1:04.30 ROBYNN MASTERS 38	1:02.93 SARAH TURNER 35	1:59.26 S.NEILSON-BELL 41
55.52 ROSEMARIE SEAMAN 39	1:04.46 BONNIE BILICH 39	200 YD. FLY WOMEN 35-39	2:01.88 JANE ZIEGLER 43
55.57 JUDY LALLIER 37	1:05.11 CATHY SHONKWILER 36	2:10.80 LAURA VAL 87	2:02.41 DANIELLE OGIER 44
55.64 SIMONE LA PAY 36	1:05.19 L.HASSELQUIST 39	2:04.88 KAR PIPES-NEILSEN 35NV	2:04.47 CHARLENE O'BRIEN 40
55.72 ZENA COURTNEY 37	200 YD. BACK WOMEN 35-39	2:11.68 JUNE FORD 35	2:04.65 SUSAN HALFACRE 44
55.79 VIBEKE SWANSON 35	2:03.37 K.PIPES-NEILSEN 97	2:13.67 JILL HERNANDEZ 36	2:05.67 JACKI HIRSTY 44
55.93 ELAINE WIMER 37	2:03.37 K.PIPES-NEILSEN 35	2:16.04 ROBIN ZUBECK 35	2:09.11 GAYLE WETTACH 40
200 YD. FREE WOMEN 35-39	2:10.69 JUDY LALLIER 37	2:18.51 BRENDA BARTLETT 36	2:09.88 CATHY PHILPOT 40
1:51.55 K.PIPES-NEILSEN 97	2:10.93 ZENA COURTNEY 37	2:21.91 SUZANNE HEIM 38	2:10.05 DEBBIE FLANSBURG 41

TOP TEN - SHORT COURSE YARDS

2:11.27 MARY LIPPOLD 41	33.16 LISA BENNETT 40	1:05.52 SUSAN KIRKLAND 40	6:07.17 BARBARA GUNDRED 45
500 YD. FREE WOMEN 40-44	33.55 MELINDA MANN 40	1:07.11 MELINDA MANN 40	6:09.38 CYNTHIA JONES 47
5:23.35 LAURA VAL 94	33.56 JUDY TIBMA 40	1:07.21 PATTY LANDERS 40	6:12.47 DIANNE GARCIA 45
5:32.80 SUSAN HALFACRE 44	33.74 PAMELA ROGERS 40	1:07.44 CYNTHIA MALTRY 42	6:14.87 P.KAWAKAMI 46
5:33.38 DANIELLE OGIER 44	34.04 DANIELLE OGIER 44	1:08.13 LISA BENNETT 40	1000 YD. FREE WOMEN 45-49
5:37.21 CHARLENE O'BRIEN 40	34.42 SUSAN KIRKLAND 40	1:08.32 PAM DRAFTS 40	11:32.82 BARBARA DUNBAR 94
5:40.63 S.NEILSON-BELL 41	35.01 PAM DRAFTS 40	1:08.42 CAROLE SHIGAKI 41	11:34.95 CELESTE MILLER 47
5:46.16 KAREN FARNSWORTH 41	35.09 KRISSY MACCURDY 44	200 YD. I.M. WOMEN 40-44	11:51.04 N.LEIGH-FISHER 45
5:46.76 PATTY LANDERS 40	35.42 KATIE MCNAMARA 42	2:17.08 S NEILSON-BELL 96	11:56.76 BARBARA DUNBAR 47
5:47.10 CATHY PHILPOT 40	35.64 PATRICIA MATTSON 43	2:17.41 S.NEILSON-BELL 41	12:41.68 P.KAWAKAMI 46
5:48.14 JACKI HIRSTY 44	100 YD. BRST WOMEN 40-44	2:19.27 DANIELLE OGIER 44	12:43.10 BARBARA GUNDRED 45
5:49.55 LORRAINE SOMMERS 40	1:11.73 DOT MUNGER 92	2:24.67 CAMILLE THOMPSON 42	12:45.25 ANN SIMS 45
5:50.59 DEBBIE FLANSBURG 41	1:12.08 JUDY TIBMA 40	2:25.91 MARY ANN STEVENS 43	12:58.10 KRISTINA KING 49
1000 YD. FREE WOMEN 40-44	1:13.14 MELINDA MANN 40	2:26.11 MELINDA MANN 40	13:00.13 SHERRY KITTRELL 45
11:20.18 BARBARA DUNBAR 90	1:13.84 PAMELA ROGERS 40	2:29.99 PATTY LANDERS 40	13:01.66 LAURIE GRUBBS 45
11:36.65 S.NEILSON-BELL 41	1:14.63 LISA BENNETT 40	2:31.27 ANDRA JAUNZEME 43	13:04.68 MARCIA BARRY 48
11:38.08 CHARLENE O'BRIEN 40	1:16.28 DANIELLE OGIER 44	2:32.20 KATHERINE ADAMS 40	1650 YD. FREE WOMEN 45-49
11:41.79 KAREN FARNSWORTH 41	1:16.43 PAM DRAFTS 40	2:32.48 TRACY GRILLI 40	19:12.36 BARBARA DUNBAR 94
11:42.60 DANIELLE OGIER 44	1:17.09 JILL WHITNEY 40	2:33.17 ELAINE FINCHAM 41	18:49.10 N.LEIGH-FISHER 45NV
11:58.02 DEBBIE FLANSBURG 41	1:17.40 KRISSY MACCURDY 44	400 YD. I.M. WOMEN 40-44	19:40.70 BARBARA DUNBAR 47
12:06.39 CATHY PHILPOT 40	1:17.61 NANCY EHRKE 43	4:55.16 LAURA VAL 96	20:48.44 DIANNE GARCIA 45
12:11.90 ELAINE FINCHAM 41	1:18.53 JANE HARPER 43	5:01.47 S.NEILSON-BELL 41	21:04.62 P.KAWAKAMI 46
12:14.52 TRACY GRILLI 40	200 YD. BRST WOMEN 40-44	5:04.16 DANIELLE OGIER 44	21:04.97 CYNTHIA JONES 47
12:20.52 WANDA BROWN 40	2:37.37 GAYLE BENTY 93	5:05.62 CAMILLE THOMPSON 42	21:29.74 ANN SIMS 45
12:25.59 JOANNE WAINWRIGHT 41	2:40.93 JUDY TIBMA 40	5:06.34 GAIL RICE 40	21:33.00 SHERRY KITTRELL 45
1650 YD. FREE WOMEN 40-44	2:41.83 MELINDA MANN 40	5:07.33 MARY ANN STEVENS 43	21:54.31 MARCIA BARRY 48
18:58.23 BARBARA DUNBAR 89	2:43.32 DANIELLE OGIER 44	5:15.58 CHARLENE O'BRIEN 40	22:09.46 H.CARLING-SMITH 46
19:06.15 GAIL RICE 40	2:45.50 LISA BENNETT 40	5:17.29 ELAINE FINCHAM 41	22:18.24 CATHERINE QUILL 47
19:24.94 SUSAN HALFACRE 44	2:47.01 ANDRA JAUNZEME 43	5:19.86 JOANNE WAINWRIGHT 41	50 YD. BACK WOMEN 45-49
19:26.35 DANIELLE OGIER 44	2:49.73 PAM DRAFTS 40	5:24.55 KARLENE WISE 43	28.26 LAURA VAL 97
19:43.83 CHARLENE O'BRIEN 40	2:50.13 PAMELA ROGERS 40	5:31.74 PATRICIA MATTSON 43	28.26 LAURA VAL 45
19:55.02 CATHY PHILPOT 40	2:50.67 MERRY FINCH 42	50 YD. FREE WOMEN 45-49	29.42 N.LEIGH-FISHER 45
20:17.76 HEIDI ERNST 44	2:51.55 JANE HARPER 43	25.19 LAURA VAL 97	29.91 JOEL FELDMANN 45
20:23.18 WANDA BROWN 40	2:51.66 KRISSY MACCURDY 44	25.19 LAURA VAL 45	30.16 CECILIA MCCLOSKEY 47
20:23.57 ELAINE FINCHAM 41	50 YD. FLY WOMEN 40-44	25.67 JOEL FELDMANN 45	31.68 BARBARA GUNDRED 45
20:30.46 KARLENE WISE 43	26.46 LAURA VAL 93	25.77 N.LEIGH-FISHER 45	32.69 MIMI FRANK 49
20:42.29 PHYLLIS QUINN 41	28.30 S.NEILSON-BELL 41	26.87 R.BRITTINGHAM 45	32.79 CHARLOTTE DAVIS 47
50 YD. BACK WOMEN 40-44	28.45 CAMILLE THOMPSON 42	27.10 CHARLOTTE DAVIS 47	33.13 JONELLE SCHMIDT 46
27.91 LAURA VAL 92	28.56 GAYLE WETTACH 40	27.33 CYNTHIA JONES 47	33.23 RUTH SHAPS 49
29.98 PATTY LANDERS 40	28.73 CHARLENE O'BRIEN 40	27.46 A.WRIGHT-BELKNAP 46	33.38 MARTI BETZ 47
30.05 JANE ZIEGLER 43	28.76 MELINDA MANN 40	28.12 COLNY TUCKER 45	100 YD. BACK WOMEN 45-49
30.51 CAROLE SHIGAKI 41	28.80 DEBBIE FLANSBURG 41	28.23 P.KAWAKAMI 46	1:01.50 LAURA VAL 97
30.79 KATHERINE ADAMS 40	28.82 MARY ANN STEVENS 43	28.32 RUTH SHAPS 49	1:01.50 LAURA VAL 45
30.95 ANN GUINS 43	28.85 KARLENE WISE 43	100 YD. FREE WOMEN 45-49	1:04.74 CECILIA MCCLOSKEY 47
31.04 LIBBY LUNDGAARD 43	28.91 SUSAN HALFACRE 44	54.64 LAURA VAL 97	1:05.17 N.LEIGH-FISHER 45
31.09 SUZANNE BRAUSE 40	29.11 ELAINE FINCHAM 41	54.64 LAURA VAL 45	1:07.65 BARBARA GUNDRED 45
31.37 SUSAN HALFACRE 44	100 YD. FLY WOMEN 40-44	57.35 N.LEIGH-FISHER 45	1:08.05 JOEL FELDMANN 45
31.52 CAROL PFLUGHEBER 43	59.22 LAURA VAL 92	59.16 JOEL FELDMANN 45	1:10.85 JAN PESAVENTO 45
31.70 KAREN FARNSWORTH 41	1:01.82 S.NEILSON-BELL 41	59.44 JONELLE SCHMIDT 46	1:11.00 JONELLE SCHMIDT 46
100 YD. BACK WOMEN 40-44	1:01.99 CAMILLE THOMPSON 42	59.57 CELESTE MILLER 47	1:11.05 CHARLOTTE DAVIS 46
1:01.38 LAURA VAL 96	1:02.31 DEBBIE FLANSBURG 41	59.65 R.BRITTINGHAM 45	1:11.61 DENISE KIRWAN 45
1:04.30 JANE ZIEGLER 42	1:02.68 CHARLENE O'BRIEN 40	1:01.07 CYNTHIA JONES 47	1:12.06 RUTH SHAPS 49
1:04.57 PATTY LANDERS 40	1:04.16 MARY ANN STEVENS 43	1:01.28 CECILIA MCCLOSKEY 47	200 YD. BACK WOMEN 45-49
1:04.94 S.NEILSON-BELL 41	1:05.39 SUSAN HALFACRE 44	1:02.47 DENISE KIRWAN 45	2:19.10 CECILIA MCCLOSKEY 97
1:06.21 KAREN FARNSWORTH 41	1:05.60 ELAINE FINCHAM 41	1:02.81 P.KAWAKAMI 46	2:19.10 CECILIA MCCLOSKEY 47
1:06.80 SUSAN HALFACRE 44	1:05.72 DANIELLE OGIER 44	200 YD. FREE WOMEN 45-49	2:20.70 N.LEIGH-FISHER 45
1:07.55 KATHERINE ADAMS 40	1:06.01 MARY LIPPOLD 41	2:01.52 LAURA VAL 97	2:27.01 BARBARA GUNDRED 45
1:07.72 SUSAN KIRKLAND 40	1:06.23 KARLENE WISE 43	2:01.52 LAURA VAL 45	2:31.03 JONELLE SCHMIDT 46
1:08.03 MARY ANN STEVENS 43	200 YD. FLY WOMEN 40-44	2:04.32 N.LEIGH-FISHER 45	2:35.21 DENISE KIRWAN 45
1:08.07 CAROLE SHIGAKI 41	2:11.08 LAURA VAL 92	2:06.56 CELESTE MILLER 47	2:39.72 RUTH SHAPS 49
1:09.12 CAROL PFLUGHEBER 43	2:16.64 DEBBIE FLANSBURG 41	2:11.45 JONELLE SCHMIDT 46	2:41.76 DIANNE GARCIA 45
200 YD. BACK WOMEN 40-44	2:20.75 MARY ANN STEVENS 43	2:12.65 BARBARA DUNBAR 48	2:42.09 MIMI FRANK 49
2:17.23 KAREN FARNSWORTH 96	2:20.87 CAMILLE THOMPSON 42	2:13.64 CECILIA MCCLOSKEY 47	2:44.48 STEPHANIE WALSH 47
2:17.85 PATTY LANDERS 40	2:26.01 GAIL RICE 40	2:15.07 CYNTHIA JONES 47	2:45.00 KATHRINE CASEY 48
2:20.13 JANE ZIEGLER 43	2:29.44 ELAINE FINCHAM 41	2:18.49 P.KAWAKAMI 46	50 YD. BRST WOMEN 45-49
2:23.13 KAREN FARNSWORTH 41	2:30.35 KARLENE WISE 43	2:19.03 ANN SIMS 45	32.82 SUSAN ROY 94
2:25.26 MARY ANN STEVENS 43	2:33.08 JOANNE WAINWRIGHT 41	2:21.19 SHERRY KITTRELL 45	35.03 A.WRIGHT-BELKNAP 46
2:26.50 KATHERINE ADAMS 40	2:35.28 DENISE EVERITT 44	500 YD. FREE WOMEN 45-49	35.39 DEB WALKER 45
2:26.90 CHARLENE O'BRIEN 40	2:39.11 N.STEADMAN-MARTIN 42	5:31.40 LAURA VAL 97	36.31 HOLLY MACMURRAY 46
2:27.77 SUSAN HALFACRE 44	2:40.55 PAM BECK 40	5:31.40 LAURA VAL 45	36.70 M.MCDONALD 47
2:31.73 CAROLE SHIGAKI 41	100 YD. I.M. WOMEN 40-44	5:34.33 N.LEIGH-FISHER 45	36.90 MEEGAN WILSON 48
2:32.51 SUZANNE BRAUSE 40	1:02.91 S NEILSON-BELL 97	5:40.44 CELESTE MILLER 47	36.92 SUZANNE COOPER 47
2:34.59 N.STEADMAN-MARTIN 42	1:02.91 S.NEILSON-BELL 41	5:54.42 BARBARA DUNBAR 47	37.94 KATHRINE CASEY 48
50 YD. BRST WOMEN 40-44	1:04.89 GAYLE WETTACH 40	5:54.43 DOT MUNGER 45	37.95 DENISE KIRWAN 45
32.73 LISA BENNETT 96	1:05.09 DANIELLE OGIER 44	6:05.24 JONELLE SCHMIDT 45	37.96 SALLY HASBROOK 48

TOP TEN - SHORT COURSE YARDS

38.48 LYNN CARTEE	49	2:21.19 LAURA VAL	45	13:42.54 JACKIE MARR	53	1:25.76 MARGOT PETTIJOHN	50
100 YD. BRST WOMEN 45-49		2:25.12 CECILIA MCCLOSKEY	47	13:57.52 MARY POHLMANN	52	1:25.98 SALLY DILLON	50
1:11.83 SUSAN ROY	94	2:27.12 JONELLE SCHMIDT	46	14:05.15 JANE KATZ	54	1:26.14 DIANA TODD	53
1:17.93 DEB WALKER	45	2:27.89 CELESTE MILLER	47	14:19.35 CAROL JEWELL	54	1:26.71 MAUREEN KIKUT	52
1:17.96 JAN PESAVENTO	45	2:34.30 BARBARA GUNDRED	45	14:22.41 VICKI BUCCINO	51	200 YD. BRST WOMEN 50-54	
1:18.27 A.WRIGHT-BELKNAP	46	2:34.36 JAN PESAVENTO	45	14:38.20 EVELYN HAUSBERGER	52	2:45.26 GINGER PIERSON	96
1:19.50 HOLLY MACMURRAY	46	2:38.07 N.LEIGH-FISHER	45	14:39.53 V.REINIKAINEN	54	2:52.64 GINGER PIERSON	51
1:20.24 MEEGAN WILSON	48	2:41.32 STEPHANIE WALSH	47	1650 YD. FREE WOMEN 50-54		2:58.15 ELAINE BROMWICH	54
1:21.36 ANN SIMS	45	2:41.40 P.KAWAKAMI	46	20:08.79 ARDETH MUELLER	92	3:03.22 DANIELA BARNEA	53
1:23.48 CAROL COWEN	45	2:41.89 R.BRITTINGHAM	45	21:40.77 SALLY DILLON	50	3:06.31 MARGOT PETTIJOHN	50
1:24.01 P.KAWAKAMI	46	400 YD. I.M. WOMEN 45-49		22:44.63 SUZANNE DILLS	51	3:07.02 CHRISTINE CLUM	51
1:24.02 STEPHANIE WALSH	47	5:03.75 LAURA VAL	97	23:20.30 CAROL JEWELL	54	3:07.53 SALLY DILLON	50
1:25.30 SALLY HASBROOK	48	5:03.75 LAURA VAL	45	23:43.47 MARY POHLMANN	52	3:11.94 NANCY BROOKS	54
200 YD. BRST WOMEN 45-49		5:28.20 BARBARA DUNBAR	47	24:16.36 ELIZABETH HERRING	50	3:20.49 CANDY CHRISTENSON	50
2:38.38 SUSAN ROY	94	5:33.04 N.LEIGH-FISHER	45	24:17.45 GAILNIFER PARKS	53	3:21.34 PAMELA WINGERTER	52
2:52.62 ANN SIMS	45	5:36.79 DIANNE GARCIA	45	24:29.17 IRENE DAVID	53	3:26.18 CONSTANCE SASSER	50
2:54.11 HOLLY MACMURRAY	46	5:42.56 STEPHANIE WALSH	47	24:36.41 VICKI BUCCINO	51	50 YD. FLY WOMEN 50-54	
2:54.52 MEEGAN WILSON	48	5:43.83 P.KAWAKAMI	46	24:38.92 CYNTHIA O'HARE	52	28.64 DIANA TODD TAFT	94
3:01.01 STEPHANIE WALSH	47	5:52.60 S.LEE-SHERIDAN	45	24:42.40 MARGOT PETTIJOHN	50	29.72 DIANA TODD	53
3:01.36 P.KAWAKAMI	46	5:59.49 CYNTHIA JONES	47	50 YD. BACK WOMEN 50-54		31.01 SHARON WISE	50
3:03.37 CAROL COWEN	45	6:01.02 CHRIS WEBER	49	32.66 BETTY BENNETT	94	31.18 CAROLYN BOAK	51
3:04.20 LAURIE GRUBBS	45	6:01.47 JOAN DIERCKS	49	32.87 MIMI FRANK	50	31.26 V.REINIKAINEN	54
3:04.97 NANCY MILLER	47	50 YD. FREE WOMEN 50-54		33.82 BETTY BENNETT	53	32.30 MIMI FRANK	50
3:05.23 EILEEN CRAFFEY	45	26.65 DIANA TODD	97	34.98 GINGER PIERSON	50	32.35 GINGER PIERSON	50
3:05.71 SUSAN MAGUIRE	48	26.65 DIANA TODD	53	35.06 JEANNIE MITCHELL	50	32.58 JUDY REED	53
50 YD. FLY WOMEN 45-49		27.59 CAROLYN BOAK	52	36.20 MARY POHLMANN	52	32.75 IRENE DAVID	53
27.41 LAURA VAL	97	27.91 SHARON WISE	50	36.26 EVELYN HAUSBERGER	52	33.07 ALICE ZABUDSKY	52
27.41 LAURA VAL	45	28.39 JUDY REED	53	36.40 GAIL LYONS	52	33.63 BETTY BENNETT	53
28.34 JOEL FELDMANN	45	28.76 CYNTHIA O'HARE	52	37.09 BARBARA FRID	54	100 YD. FLY WOMEN 50-54	
29.40 R.BRITTINGHAM	45	28.86 BETTY BENNETT	53	37.14 JUDY REED	53	1:05.69 ARDETH MUELLER	92
29.99 CECILIA MCCLOSKEY	47	29.05 SALLY DILLON	50	37.19 DIANA LEAKE	50	1:07.55 DIANA TODD	53
30.03 CHARLOTTE DAVIS	46	29.74 GINGER PIERSON	50	100 YD. BACK WOMEN 50-54		1:11.90 SHARON WISE	50
30.87 SUZANNE COOPER	47	29.90 IRENE DAVID	53	1:10.58 BETTY BENNETT	94	1:15.17 GINGER PIERSON	51
31.15 RUTH SHAPS	49	30.36 DIANA LEAKE	50	1:14.09 MIMI FRANK	50	1:17.32 B.EDELMAIER	50
31.21 JONELLE SCHMIDT	46	100 YD. FREE WOMEN 50-54		1:14.21 BETTY BENNETT	53	1:18.50 JACKIE MARR	53
31.33 CYNTHIA JONES	47	59.05 ARDETH MUELLER	93	1:15.21 JEANNIE MITCHELL	50	1:18.88 CAROLYN MAGEE	51
31.76 N.LEIGH-FISHER	45	1:00.02 DIANA TODD	53	1:16.91 MARY POHLMANN	52	1:21.64 GAYLE BONDURANT	50
100 YD. FLY WOMEN 45-49		1:00.03 CAROLYN BOAK	52	1:17.07 GINGER PIERSON	50	1:21.93 SARAH WELCH	50
1:00.37 LAURA VAL	97	1:02.97 SALLY DILLON	50	1:18.88 EVELYN HAUSBERGER	52	1:22.91 ALICE ZABUDSKY	52
1:00.37 LAURA VAL	45	1:03.68 SHARON WISE	50	1:19.36 CONSTANCE SASSER	50	1:23.09 CAROL JEWELL	54
1:05.70 CECILIA MCCLOSKEY	47	1:04.60 ERICA PERSOL	51	1:19.88 JACKIE MARR	53	200 YD. FLY WOMEN 50-54	
1:06.85 R.BRITTINGHAM	45	1:06.57 JUDY REED	53	1:21.62 JANE KATZ	53	2:25.73 ARDETH MUELLER	92
1:12.08 N.LEIGH-FISHER	45	1:06.78 DIANA LEAKE	50	1:22.34 PINKY WALKER	54	2:48.82 GINGER PIERSON	51
1:12.27 DIANNE GARCIA	45	1:07.09 PAM ANDERSON	52	200 YD. BACK WOMEN 50-54		3:02.48 CAROLYN MAGEE	51
1:12.35 CATHERINE QUILL	47	1:07.27 TRISH KIMPER	50	2:37.19 BETTY BENNETT	94	3:09.15 CAROL JEWELL	54
1:12.40 CYNTHIA JONES	47	1:07.74 RUTH BENNETT	50	2:38.43 MIMI FRANK	50	3:09.43 SARAH WELCH	50
1:13.34 STEPHANIE WALSH	47	200 YD. FREE WOMEN 50-54		2:41.58 BETTY BENNETT	53	3:16.06 ELAINE BROMWICH	54
1:13.78 CATHY MANCINO	47	2:11.99 ARDETH MUELLER	94	2:44.96 JEANNIE MITCHELL	50	3:18.72 SALLY ILIFF	51
1:14.55 A. SUSAN TYLER	48	2:14.84 CAROLYN BOAK	52	2:45.70 MARY POHLMANN	52	3:20.43 NANCY KRANPITZ	52
200 YD. FLY WOMEN 45-49		2:15.38 DIANA TODD	53	2:46.10 GINGER PIERSON	50	3:26.94 EVELYN HAUSBERGER	52
2:17.12 LAURA VAL	97	2:17.11 SHARON WISE	50	2:47.60 JANE KATZ	54	3:37.35 ANN ONTON	53
2:17.12 LAURA VAL	45	2:19.37 SALLY DILLON	50	2:49.45 JACKIE MARR	53	300 YD. I.M. WOMEN 50-54	
2:34.89 BARBARA DUNBAR	47	2:25.09 JUDY REED	53	2:51.73 CONSTANCE SASSER	50	1:08.59 DIANA TODD	94
2:39.44 CATHY MANCINO	47	2:26.04 SUZANNE DILLS	52	2:52.66 SUZANNE DILLS	51	1:08.66 CAROLYN BOAK	52
2:46.34 CATHERINE QUILL	47	2:29.72 BETTY BENNETT	53	2:54.12 EVELYN HAUSBERGER	52	1:09.28 DIANA TODD	53
2:50.21 R.BRITTINGHAM	45	2:31.43 MARY POHLMANN	52	50 YD. BRST WOMEN 50-54		1:12.42 GINGER PIERSON	50
2:51.26 CHRISTINE ZIMMET	49	2:31.83 B.EDELMAIER	50	34.89 DIANA TODD TAFT	94	1:14.24 MIMI FRANK	50
2:53.21 P.KAWAKAMI	46	2:32.17 CYNTHIA O'HARE	52	35.16 CAROLYN BOAK	52	1:15.21 BETTY BENNETT	53
2:53.44 SHERRY KITTRELL	45	500 YD. FREE WOMEN 50-54		35.49 GINGER PIERSON	50	1:16.99 JACKIE MARR	53
2:55.16 A. SUSAN TYLER	48	5:53.05 ARDETH MUELLER	92	36.49 DIANA TODD	53	1:17.77 JUDY REED	53
2:55.68 VIKI ALTOMONTE	47	6:11.18 CAROLYN BOAK	51	37.91 ELAINE BROMWICH	54	1:19.34 BARBARA FRID	54
100 YD. I.M. WOMEN 45-49		6:20.53 SHARON WISE	50	38.01 SALLY DILLON	50	1:19.48 A HELENE ADAMS	50
1:03.83 LAURA VAL	97	6:24.14 SALLY DILLON	50	38.12 NANCY BROOKS	54	1:19.62 JEANNIE MITCHELL	50
1:03.83 LAURA VAL	45	6:31.91 SUZANNE DILLS	51	38.39 CANDY CHRISTENSON	50	200 YD. I.M. WOMEN 50-54	
1:06.93 JOEL FELDMANN	45	6:43.35 MARY POHLMANN	52	38.93 MARGOT PETTIJOHN	50	2:32.49 ARDETH MUELLER	94
1:08.22 CECILIA MCCLOSKEY	47	6:43.47 JACKIE MARR	53	38.96 DANIELA BARNEA	53	2:36.03 CAROLYN BOAK	52
1:08.52 JONELLE SCHMIDT	46	6:50.15 PAM ANDERSON	52	39.36 CHRISTINE CLUM	51	2:43.55 MIMI FRANK	50
1:09.52 CELESTE MILLER	47	6:51.95 CAROL JEWELL	54	100 YD. BRST WOMEN 50-54		2:44.36 GINGER PIERSON	50
1:09.71 CHARLOTTE DAVIS	47	6:53.75 EVELYN HAUSBERGER	52	1:15.73 GINGER PIERSON	96	2:47.65 BETTY BENNETT	53
1:10.10 JAN PESAVENTO	45	6:57.30 BARBARA FRID	54	1:19.07 GINGER PIERSON	51	2:48.96 JACKIE MARR	53
1:11.92 DENISE KIRWAN	45	1000 YD. FREE WOMEN 50-54		1:20.40 CAROLYN BOAK	51	2:49.20 SUZANNE DILLS	52
1:12.24 N.LEIGH-FISHER	45	12:04.45 ARDETH MUELLER	94	1:23.57 DANIELA BARNEA	53	2:57.46 MARGOT PETTIJOHN	50
1:12.77 R.BRITTINGHAM	45	12:54.02 SHARON WISE	50	1:24.27 NANCY BROOKS	54	2:57.55 MARY POHLMANN	51
200 YD. I.M. WOMEN 45-49		13:04.20 SALLY ANN DILLON	50	1:24.82 ELAINE BROMWICH	54	2:58.61 ALICE ZABUDSKY	52
2:21.19 LAURA VAL	97	13:16.70 SUZANNE DILLS	52	1:24.98 CHRISTINE CLUM	51		

TOP TEN - SHORT COURSE YARDS

2:59.42 CYNTHIA O'HARE 52	22:08.60 NANCY RIDOUT 55	3:15.31 SALLY NEWELL 59	6:43.22 ELIZABETH JOHNSON 57
400 YD. I.M. WOMEN 50-54	23:33.78 SUSAN MUNN 58	3:17.59 AAGJE CARON 55	6:44.51 CLAIRE O'BRIEN 57
5:22.42 ARDETH MUELLER 92	23:49.34 SUSAN BRADLEY-COX 59	3:20.88 JAYNE LAMBKE 57	6:48.14 AAGJE CARON 55
5:52.09 GINGER PIERSON 50	23:57.13 JAYNE LAMBKE 57	3:21.00 SUSAN MEYERS 55	6:52.19 BARBARA ZAREMSKI 59
6:16.61 CAROLYN MAGEE 51	25:15.82 CAROL SING 55	3:21.85 FRANCESCA DRUM 55	50 YD. FREE WOMEN 60-64
6:19.71 ELAINE BROMWICH 54	25:22.31 SUSAN LIVINGSTON 58	3:21.99 ELIZABETH JOHNSON 57	28.79 JAYNE BRUNER 95
6:25.15 MARGOT PETTIJOHN 50	25:49.38 ELIZABETH JOHNSON 57	3:22.62 JACQUELYN PIPER 59	29.31 JAYNE BRUNER 62
6:35.45 CONSTANCE SASSER 50	25:55.99 BARBARA ZAREMSKI 59	50 YD. FLY WOMEN 55-59	31.44 JOHNNIE DETRICK 61
6:47.59 MARIANA PHIPPS 52	26:26.69 SUSAN SPRINGER 58	31.76 GAIL ROPER 85	32.15 DORIS KLITZKE 61
6:52.83 NANCY KRANPITZ 52	26:51.83 SALLY BOLAR 59	31.84 NANCY RIDOUT 55	32.39 DIANE STOWELL 62
6:53.47 CAROLYN BEHSE 53	50 YD. BACK WOMEN 55-59	32.93 BARBARA FRID 55	32.66 RONNIE KAMPHAUSEN 62
6:54.51 FREDERICKA RAPP 53	32.97 BETSY JORDAN 93	34.77 JAYNE LAMBKE 57	32.82 BETSY JORDAN 60
6:57.59 SALLY ILIFF 51	35.54 BARBARA FRID 55	36.89 LYNNE LUND 56	33.38 BARBARA JOHNSON 64
50 YD. FREE WOMEN 55-59	37.28 JOY ROGERS 55	36.91 JEANNE LITTLE 59	33.48 NANCY BROWN 60
27.76 NANCY RIDOUT 97	37.57 LESLIE SMITH 56	37.27 LESLIE SMITH 56	33.73 ANN KAY 63
27.76 NANCY RIDOUT 55	38.05 BARBARA JORDAN 59	37.28 JOANN LEILICH 58	34.05 SUE STRALEY 60
29.23 LESLIE SMITH 56	38.16 BETSY DURRANT 55	37.39 BETTY DUGAN 55	100 YD. FREE WOMEN 60-64
30.45 JAYNE LAMBKE 56	38.93 LYNNE LUND 56	37.68 CLAIRE O'BRIEN 58	1:04.87 JAYNE BRUNER 97
30.56 BARBARA FRID 55	39.58 CLAIRE O'BRIEN 58	39.07 MIDGE KRAETZER 58	1:04.87 JAYNE BRUNER 62
31.57 BETTY DUGAN 55	39.59 JAYNE LAMBKE 57	100 YD. FLY WOMEN 55-59	1:09.91 NANCY BROWN 61
31.73 BARBARA ZAREMSKI 59	40.34 CEIL BLACKWELL 56	1:13.27 NANCY RIDOUT 97	1:13.02 DIANE STOWELL 62
31.86 SALLY NEWELL 59	40.68 SUSAN LIVINGSTON 58	1:09.51 ARDETH MUELLER 55NV	1:13.09 BETSY JORDAN 60
31.92 SUSAN BRADLEY-COX 59	100 YD. BACK WOMEN 55-59	1:13.27 NANCY RIDOUT 55	1:13.47 JOHNNIE DETRICK 61
32.00 CLAIRE O'BRIEN 58	1:11.11 BETSY JORDAN 92	1:24.27 JAYNE LAMBKE 57	1:13.80 RONNIE KAMPHAUSEN 62
32.16 JEANNE LITTLE 59	1:18.47 BARBARA FRID 55	1:24.42 LYNNE LUND 56	1:15.10 DORIS KLITZKE 61
100 YD. FREE WOMEN 55-59	1:22.48 BARBARA JORDAN 59	1:30.92 MIDGE KRAETZER 58	1:15.76 JEAN GARBUS 62
1:02.38 JAYNE BRUNER 90	1:22.50 BETSY DURRANT 55	1:31.45 SALLY BOLAR 57	1:16.28 BEVERLY MYERS 61
1:02.40 NANCY RIDOUT 55	1:22.56 LESLIE SMITH 56	1:31.68 SUSAN LIVINGSTON 58	1:16.61 ANN KAY 63
1:07.03 JAYNE LAMBKE 57	1:25.00 JOY ROGERS 55	1:32.13 BETTY DUGAN 55	200 YD. FREE WOMEN 60-64
1:07.80 MARY CLAPP 58	1:25.85 LYNNE LUND 56	1:33.46 MARGIT JEBE 58	2:25.85 LAVELLE STOINOFF 95
1:10.41 SUSAN BRADLEY-COX 59	1:27.57 SUSAN LIVINGSTON 58	1:34.71 JEANNE LITTLE 59	2:31.01 JAYNE BRUNER 62
1:11.07 SUSAN MUNN 58	1:28.89 MARGIT JEBE 58	200 YD. FLY WOMEN 55-59	2:33.98 NANCY BROWN 61
1:11.15 LESLIE SMITH 56	1:29.14 CEIL BLACKWELL 56	2:51.18 GAIL ROPER 86	2:34.91 LAVELLE STOINOFF 64
1:11.17 BETTY DUGAN 55	1:30.04 JAYNE LAMBKE 57	2:42.69 ARDETH MUELLER 55NV	2:37.68 BETSY JORDAN 60
1:11.95 CLAIRE O'BRIEN 58	200 YD. BACK WOMEN 55-59	3:12.64 JAYNE LAMBKE 57	2:42.90 DIANE STOWELL 62
1:13.09 BARBARA ZAREMSKI 59	2:34.80 BETSY JORDAN 92	3:16.97 SUSAN LIVINGSTON 58	2:43.52 RONNIE KAMPHAUSEN 62
1:13.74 JEANNE LITTLE 59	2:55.67 BARBARA FRID 55	3:22.88 LYNNE LUND 56	2:45.88 BEVERLY MYERS 61
200 YD. FREE WOMEN 55-59	2:58.62 BETSY DURRANT 55	3:24.55 MARGIT JEBE 58	2:47.63 JEANNE LITTLE 60
2:21.27 NANCY RIDOUT 97	3:01.67 BARBARA JORDAN 59	3:27.32 SALLY BOLAR 57	2:52.18 ANNE MCGUIRE 62
2:21.27 NANCY RIDOUT 55	3:02.93 SUSAN LIVINGSTON 58	3:33.65 NANCY STRETCH 57	2:53.25 JANET LAMOTT 61
2:29.62 JAYNE LAMBKE 57	3:11.35 CEIL BLACKWELL 56	3:35.60 BARB ZAREMSKI 59	500 YD. FREE WOMEN 60-64
2:33.97 SUSAN MUNN 58	3:11.67 LYNNE LUND 56	3:35.70 JEANNE LITTLE 59	6:22.62 LAVELLE STOINOFF 93
2:37.75 CLAIRE O'BRIEN 58	3:12.17 CLAIRE O'BRIEN 57	3:36.67 SUSAN MEYERS 55	6:50.61 NANCY BROWN 61
2:40.06 SUSAN BRADLEY-COX 59	3:13.09 MARGIT JEBE 58	100 YD. I.M. WOMEN 55-59	6:56.31 LAVELLE STOINOFF 64
2:41.89 BETSY DURRANT 55	3:15.22 BARBARA DILLARD 58	1:12.56 JAYNE BRUNER 92	6:57.70 BETSY JORDAN 60
2:44.73 JOANN LEILICH 58	3:16.57 CHARLENE MAGEE 55	1:16.50 BARBARA FRID 55	7:12.74 RONNIE KAMPHAUSEN 63
2:45.41 LESLIE SMITH 56	50 YD. BRST WOMEN 55-59	1:18.08 JOANN LEILICH 58	7:30.46 ANNE MCGUIRE 62
2:46.05 BARBARA ZAREMSKI 59	35.16 JAYNE BRUNER 91	1:18.99 LESLIE SMITH 56	7:41.81 TESSIE BRANSCOMB 61
2:47.19 AAGJE CARON 55	36.84 JOANN LEILICH 58	1:19.83 JAYNE LAMBKE 57	7:42.42 LIDA GASCHKE 64
500 YD. FREE WOMEN 55-59	38.68 NANCY RIDOUT 55	1:21.83 SUSAN MUNN 58	8:00.68 TERRY MORSE 61
6:09.83 LAVELLE STOINOFF 88	39.48 SALLY NEWELL 59	1:22.32 BETSY DURRANT 55	8:03.07 BARBARA CALLISON 64
5:59.95 ARDETH MUELLER 55NV	39.71 LESLIE SMITH 56	1:24.14 SUSAN MEYERS 55	8:03.26 JEAN GARBUS 62
6:30.62 NANCY RIDOUT 55	40.18 BETSY DURRANT 55	1:24.23 CLAIRE O'BRIEN 58	1000 YD. FREE WOMEN 60-64
6:43.48 JAYNE LAMBKE 57	40.82 MARGIT JEBE 58	1:24.48 LYNNE LUND 56	13:12.73 LAVELLE STOINOFF 93
6:44.01 BARBARA FRID 55	41.90 ILOWA SIKE 55	1:25.26 MARGIT JEBE 58	13:56.19 NANCY BROWN 61
6:51.75 SUSAN BRADLEY-COX 59	42.55 JACQUELYN PIPER 59	200 YD. I.M. WOMEN 55-59	14:04.27 LAVELLE STOINOFF 64
7:00.95 SUSAN MUNN 58	42.59 ELIZABETH JOHNSON 57	2:44.30 BETSY JORDAN 92	14:49.45 RONNIE KAMPHAUSEN 63
7:04.25 CLAIRE O'BRIEN 57	42.61 TITA ARNOLD 55	3:00.54 BETSY DURRANT 55	15:13.08 ANNE MCGUIRE 62
7:09.98 BETSY DURRANT 55	100 YD. BRST WOMEN 55-59	3:01.36 JOANN LEILICH 58	15:26.37 JEANNE LITTLE 60
7:12.46 JOANN LEILICH 58	1:18.52 JAYNE BRUNER 91	3:03.92 SUSAN MUNN 58	15:26.92 BEVERLY MYERS 61
7:14.84 SUSAN LIVINGSTON 58	1:20.46 JOANN LEILICH 58	3:04.95 JAYNE LAMBKE 57	16:04.00 TESSIE BRANSCOMB 61
1000 YD. FREE WOMEN 55-59	1:27.73 SALLY NEWELL 59	3:05.99 MARGIT JEBE 58	16:19.17 SHIRLEY DACEY 60
12:45.02 LAVELLE STOINOFF 88	1:28.31 BETSY DURRANT 55	3:06.86 SUSAN LIVINGSTON 58	16:20.81 TERRY MORSE 61
13:18.94 NANCY RIDOUT 55	1:28.50 MARGIT JEBE 58	3:08.12 LYNNE LUND 56	16:25.08 DONNA MONROE 63
13:51.01 BARBARA FRID 55	1:31.17 ILOWA SIKE 55	3:10.20 SUSAN BRADLEY-COX 59	1650 YD. FREE WOMEN 60-64
14:06.55 JAYNE LAMBKE 57	1:31.40 AAGJE CARON 55	3:10.42 CLAIRE O'BRIEN 57	22:13.13 LAVELLE STOINOFF 93
14:18.02 SUSAN MUNN 58	1:31.54 ELIZABETH JOHNSON 57	3:11.60 ELIZABETH JOHNSON 57	23:45.98 BETSY JORDAN 60
14:22.77 CLAIRE O'BRIEN 58	1:32.25 FRANCESCA DRUM 55	400 YD. I.M. WOMEN 55-59	24:17.29 NANCY BROWN 60
14:31.42 SUSAN BRADLEY-COX 59	1:34.30 JACQUELYN PIPER 59	5:54.24 NANCY BROWN 91	25:15.09 ANNE MCGUIRE 62
14:46.08 CAROL SING 55	1:35.08 MARGIE HEINEMAN 59	6:10.83 JOANN LEILICH 58	26:34.77 TESSIE BRANSCOMB 61
15:12.43 SUSAN LIVINGSTON 58	200 YD. BRST WOMEN 55-59	6:26.49 JAYNE LAMBKE 57	27:12.38 TERRY MORSE 61
15:19.93 BARBARA JORDAN 59	2:55.48 JOANN LEILICH 97	6:33.09 SUSAN LIVINGSTON 58	27:35.75 SHIRLEY DACEY 60
15:56.37 M HEINEMAN 59	2:55.48 JOANN LEILICH 58	6:34.69 SUSAN MUNN 58	27:53.45 DONNA MONROE 63
1650 YD. FREE WOMEN 55-59	3:14.64 BETSY DURRANT 55	6:39.60 MARGIT JEBE 58	27:56.23 KATE KNIGHT-PERRY 61
21:22.63 LAVELLE STOINOFF 89	3:14.83 MARGIT JEBE 58	6:42.36 LYNNE LUND 56	28:07.79 JOHNNIE DETRICK 61

TOP TEN - SHORT COURSE YARDS

28:40.12 FRANCES MCINTOSH 60	33.99 JAYNE BRUNER 62	35.01 LIDA GASCHKE 65	43.84 JUDY CHADIMA 66
50 YD. BACK WOMEN 60-64	35.38 BETSY JORDAN 60	35.21 NANCY MACBETH 68	44.40 SYLVIA EISELE 67
34.70 BETSY JORDAN 97	36.73 RONNIE KAMPHAUSEN 63	35.52 BETTY RUSS 69	44.78 GAY COLLINS 66
34.70 BETSY JORDAN 60	37.65 BARBARA CALLISON 63	36.13 DELLA SEHORN 69	45.10 JOAN MORRIS 66
37.89 DORIS KLITZKE 61	38.24 JEANNE LITTLE 60	36.59 JUDY CHADIMA 66	100 YD. BACK WOMEN 65-69
38.34 ANN CHAMP 61	38.44 DORIS KLITZKE 61	36.84 NAN BOHL 67	1:21.36 CLARA WALKER 94
38.60 BEVERLY MYERS 61	38.65 NANCY BROWN 60	37.47 JOAN CAMPBELL 66	1:25.62 GAIL ROPER 67
39.37 DOROTHY WHITEHEAD 61	38.73 BEVERLY MYERS 61	100 YD. FREE WOMEN 65-69	1:28.27 BARBARA JACKSON 67
39.62 NANCY BROWN 60	39.48 ANNE MCGUIRE 62	1:08.78 GAIL ROPER 96	1:31.72 NANCY MACBETH 68
40.02 RONNIE KAMPHAUSEN 62	41.64 DIANE STOWELL 62	1:08.90 GAIL ROPER 67	1:33.04 DELLA SEHORN 69
40.73 SUZANNE ROBBINS 63	100 YD. FLY WOMEN 60-64	1:14.39 DIANE REED 66	1:34.68 DENA MANN 65
41.29 DIANE STOWELL 62	1:18.64 JAYNE BRUNER 96	1:17.88 JEAN TROY 69	1:37.20 SYLVIA EISELE 67
41.51 SUE STRALEY 60	1:18.64 JAYNE BRUNER 62	1:18.53 LIDA GASCHKE 65	1:37.47 JUDY CHADIMA 66
100 YD. BACK WOMEN 60-64	1:25.04 BETSY JORDAN 60	1:22.11 JUDY CHADIMA 66	1:37.73 MARIA YUNGEL 65
1:15.64 BETSY JORDAN 97	1:26.11 NANCY BROWN 61	1:22.36 BETTY RUSS 69	1:37.76 ANN HIRSCH 66
1:15.64 BETSY JORDAN 60	1:30.07 RONNIE KAMPHAUSEN 62	1:24.31 NANCY MACBETH 68	1:39.37 DIANE REED 66
1:22.08 NANCY BROWN 61	1:30.85 ANNE MCGUIRE 62	1:25.45 JOAN CAMPBELL 67	200 YD. BACK WOMEN 65-69
1:23.46 ANN CHAMP 61	1:32.28 DORIS KLITZKE 61	1:25.66 DELLA SEHORN 69	2:58.87 CLARA WALKER 92
1:24.74 DORIS KLITZKE 61	1:36.54 JOHNNIE DETRICK 61	1:25.70 ANN HIRSCH 66	3:09.17 GAIL ROPER 67
1:26.50 BEVERLY MYERS 61	1:38.06 DOROTHY MCGRAW 61	200 YD. FREE WOMEN 65-69	3:12.75 BARBARA JACKSON 67
1:27.81 RONNIE KAMPHAUSEN 62	1:39.44 BARBARA CALLISON 64	2:34.79 GAIL ROPER 96	3:16.89 NANCY MACBETH 68
1:28.33 ANN KAY 63	1:40.70 ANN JOHNSEN 60	2:35.91 GAIL ROPER 67	3:25.58 SYLVIA EISELE 67
1:29.17 DIANE STOWELL 62	200 YD. FLY WOMEN 60-64	2:49.43 DENA MANN 65	3:25.97 DELLA SEHORN 69
1:30.63 SUE STRALEY 60	3:06.99 NANCY BROWN 96	2:49.69 JEAN TROY 69	3:28.58 ANN HIRSCH 66
1:30.75 DOROTHY WHITEHEAD 61	3:09.76 NANCY BROWN 61	2:50.25 DIANE REED 65	3:29.38 MARIA YUNGEL 65
200 YD. BACK WOMEN 60-64	3:14.24 JAYNE BRUNER 62	2:54.84 LIDA GASCHKE 65	3:32.70 JILL COLEMAN 66
2:42.86 BETSY JORDAN 97	3:15.06 BETSY JORDAN 60	3:02.80 JUDY CHADIMA 66	3:37.03 JOAN CAMPBELL 66
2:42.86 BETSY JORDAN 60	3:24.65 RONNIE KAMPHAUSEN 63	3:03.31 ANN HIRSCH 66	3:38.11 JOAN MCINTYRE 68
2:54.02 ANN CHAMP 61	3:26.12 ANNE MCGUIRE 62	3:03.68 JOAN CAMPBELL 67	50 YD. BRST WOMEN 65-69
2:54.91 NANCY BROWN 61	3:36.98 JOHNNIE DETRICK 61	3:04.75 BETTY RUSS 69	40.79 CLARA WALKER 93
2:57.01 LAVELLE STAINOFF 64	3:46.37 JEANNE LITTLE 60	3:06.08 MARY TUSA 66	42.12 SYLVIA EISELE 67
3:13.17 DORIS KLITZKE 61	3:52.07 BARBARA CALLISON 64	500 YD. FREE WOMEN 65-69	42.18 GAIL ROPER 67
3:13.72 RONNIE KAMPHAUSEN 62	4:06.39 JEAN GARBUS 62	6:49.80 CLARA WALKER 92	42.63 ANN HIRSCH 66
3:14.72 DIANE STOWELL 62	4:26.71 JANET MOELLER 62	7:18.52 GAIL ROPER 67	42.64 CAROL TAYLOR 68
3:16.50 BEVERLY MYERS 61	100 YD. I.M. WOMEN 60-64	7:38.12 DIANE REED 66	44.10 LILLY KRON 65
3:20.20 SHIRLEY DACEY 60	1:16.66 JAYNE BRUNER 97	7:44.47 JEAN TROY 69	44.91 IRMA REIMER 65
3:20.27 SUE STRALEY 60	1:16.66 JAYNE BRUNER 62	7:46.29 LIDA GASCHKE 65	46.13 JOAN MORRIS 66
50 YD. BRST WOMEN 60-64	1:18.74 BETSY JORDAN 60	7:54.35 BETTY RUSS 69	47.35 MICKEY SHOCKLEY 67
36.88 JAYNE BRUNER 96	1:22.58 BEVERLY MYERS 61	7:58.94 MAL OLSHAN 65	48.20 HANNELORE SNYDER 66
36.88 JAYNE BRUNER 62	1:23.33 DORIS KLITZKE 61	8:03.13 ANN HIRSCH 66	48.69 JOAN ALEXANDER 65
41.58 ANNE MCGUIRE 62	1:23.37 NANCY BROWN 61	8:11.29 DENA MANN 65	100 YD. BRST WOMEN 65-69
41.87 JOHNNIE DETRICK 61	1:25.68 RONNIE KAMPHAUSEN 62	8:15.52 NANCY DURSTEIN 67	1:29.00 CLARA WALKER 93
42.23 BEVERLY MYERS 61	1:26.77 DIANE STOWELL 62	8:17.60 MARIA YUNGEL 65	1:31.15 GAIL ROPER 67
42.67 JACQUELYN PIPER 60	1:28.00 ANNE MCGUIRE 62	1000 YD. FREE WOMEN 65-69	1:33.04 ANN HIRSCH 66
42.72 BETSY JORDAN 60	1:28.21 BARBARA CALLISON 64	14:04.18 CLARA WALKER 93	1:36.10 SYLVIA EISELE 67
43.25 DONNA RYMAN 60	1:29.62 JOHNNIE DETRICK 61	15:17.19 GAIL ROPER 67	1:36.70 CAROL TAYLOR 68
43.64 DIANE STOWELL 62	200 YD. I.M. WOMEN 60-64	15:43.10 LIDA GASCHKE 65	1:36.77 LILLY KRON 65
44.46 IDA SMITH 63	2:50.10 JAYNE BRUNER 97	15:52.68 JEAN TROY 69	1:40.31 IRMA REIMER 65
44.72 IRMA REIMER 64	2:50.10 JAYNE BRUNER 62	16:14.45 MAL OLSHAN 65	1:44.86 DIANE REED 66
100 YD. BRST WOMEN 60-64	2:53.41 BETSY JORDAN 60	16:15.74 JOAN CAMPBELL 66	1:45.52 MICKEY SHOCKLEY 67
1:23.27 JAYNE BRUNER 96	3:00.67 NANCY BROWN 61	16:37.00 MARIA YUNGEL 65	1:45.74 JOAN ALEXANDER 65
1:23.27 JAYNE BRUNER 62	3:06.02 RONNIE KAMPHAUSEN 62	16:41.30 NANCY MACBETH 68	1:47.91 HANNELORE SNYDER 66
1:28.98 ANNE MCGUIRE 62	3:06.24 BEVERLY MYERS 61	16:45.01 BETTY RUSS 69	200 YD. BRST WOMEN 65-69
1:31.86 JOHNNIE DETRICK 61	3:07.22 DIANE STOWELL 62	16:53.81 NANCY DURSTEIN 67	3:15.96 CLARA WALKER 93
1:32.23 DIANE STOWELL 62	3:10.39 ANNE MCGUIRE 62	17:11.59 ALICE LAWRENCE 67	3:18.03 GAIL ROPER 67
1:33.25 BEVERLY MYERS 61	3:13.01 JOHNNIE DETRICK 61	1650 YD. FREE WOMEN 65-69	3:20.75 ANN HIRSCH 66
1:33.56 JACQUELYN PIPER 60	3:17.04 DORIS KLITZKE 61	23:46.31 CLARA WALKER 93	3:25.34 LILLY KRON 65
1:33.64 BETSY JORDAN 60	3:17.57 BARBARA CALLISON 64	24:10.20 GAIL ROPER 67	3:29.23 SYLVIA EISELE 67
1:35.49 DONNA RYMAN 60	400 YD. I.M. WOMEN 60-64	26:29.00 LIDA GASCHKE 65	3:31.78 CAROL TAYLOR 68
1:36.37 BARBARA CALLISON 64	6:12.27 BETSY JORDAN 97	27:32.17 NANCY DURSTEIN 67	3:39.94 JOAN ALEXANDER 65
1:37.03 IDA SMITH 63	6:12.27 BETSY JORDAN 60	27:37.28 MARIA YUNGEL 65	3:45.76 MICKEY SHOCKLEY 68
200 YD. BRST WOMEN 60-64	6:14.21 NANCY BROWN 61	28:09.85 BETTY RUSS 69	3:48.06 IRMA REIMER 65
3:03.44 JAYNE BRUNER 96	6:36.32 ANNE MCGUIRE 62	28:11.67 JOAN CAMPBELL 66	3:52.19 JOAN CAMPBELL 67
3:03.97 JAYNE BRUNER 62	7:08.77 BARBARA CALLISON 64	28:30.72 ALICE LAWRENCE 67	3:55.80 JILL COLEMAN 66
3:12.41 ANNE MCGUIRE 62	7:22.63 JEAN GARBUS 62	28:31.80 MAL OLSHAN 66	50 YD. FLY WOMEN 65-69
3:21.07 DIANE STOWELL 62	7:48.00 SHIRLEY DACEY 60	29:25.43 BARBARA OWENS 67	34.45 GAIL ROPER 96
3:21.23 BEVERLY MYERS 61	7:52.24 DONNA MONROE 63	29:34.48 JOAN SMITH 66	34.75 GAIL ROPER 67
3:23.19 BETSY JORDAN 60	8:03.03 DORIS PROKOPI 61	50 YD. BACK WOMEN 65-69	42.22 JOAN ALEXANDER 65
3:25.09 JACQUELYN PIPER 60	8:39.91 CAROLYN BALDWIN 62	36.03 CLARA WALKER 92	43.13 NANCY MACBETH 68
3:32.13 DONNA RYMAN 60	8:48.85 NANCY MCPHEE 63	37.81 GAIL ROPER 67	43.21 ANN HIRSCH 66
3:32.59 CAROL REINKE 60	50 YD. FREE WOMEN 65-69	40.31 BARBARA JACKSON 67	43.40 SYLVIA EISELE 67
3:33.25 BARBARA CALLISON 64	30.45 GAIL ROPER 97	41.87 DELLA SEHORN 69	43.79 CAROL TAYLOR 68
3:33.28 NANCY BROWN 60	30.45 GAIL ROPER 67	41.97 NANCY MACBETH 68	43.87 JEAN TROY 69
50 YD. FLY WOMEN 60-64	33.29 DIANE REED 66	43.75 DENA MANN 65	46.51 MICKEY SHOCKLEY 67
33.07 JAYNE BRUNER 95	34.81 JEAN TROY 69	43.83 MARIA YUNGEL 65	46.63 BETTY RUSS 69

TOP TEN - SHORT COURSE YARDS

46.88 GAY COLLINS	66	1:15.16 CLARA WALKER	70	1:41.15 MARGERY MEYER	74	2:08.33 GLADYS OLSEN	70
100 YD. FLY WOMEN 65-69		1:16.83 BETTY RUSS	70	1:42.02 PATSY WEISS	74	2:09.99 JUNE REYNOLDS	74
1:23.49 GAIL ROPER	96	1:18.44 JUNE KRAUSER	70	1:42.74 M J AMSBARY	72	2:12.94 MARY WIXTED	74
1:25.39 GAIL ROPER	67	1:18.47 MARGERY MEYER	74	1:42.90 LOIS NOCHMAN	71	2:16.24 VANDERHEYDT	71
1:37.12 JOAN ALEXANDER	65	1:19.05 FLORENCE CARR	71	1:43.73 JEANNE MERRYMAN	74	200 YD. FLY WOMEN 70-74	
1:38.27 SYLVIA EISELE	67	1:19.86 PETEY SMITH	72	1:45.82 PETEY SMITH	72	3:16.51 JUNE KRAUSER	97
1:38.61 CAROL TAYLOR	68	1:26.57 SUZANNE GRAHAM	70	1:46.74 C.WILLIAMS	72	3:16.51 JUNE KRAUSER	70
1:40.27 JEAN TROY	69	1:27.46 LOIS NOCHMAN	72	200 YD. BACK WOMEN 70-74		3:29.05 BETTY RUSS	70
1:47.75 BETTY RUSS	69	1:28.28 RUTH BAAR	74	3:10.78 DORIS STEADMAN	95	3:47.20 LOIS KIVI NOCHMAN	72
1:48.41 MAL OLSHAN	65	1:29.41 BARBARA BOLEY	72	3:13.83 DORIS STEADMAN	72	4:23.72 FLORENCE CARR	72
1:49.55 JILL COLEMAN	66	200 YD. FREE WOMEN 70-74		3:19.80 JUNE KRAUSER	70	4:28.31 JAE HOWELL	74
1:56.00 ANN DALLAM	66	2:45.76 CLARA WALKER	97	3:33.83 PATRICIA DOTSON	70	4:28.66 JUNE REYNOLDS	74
1:56.40 NANCY DURSTEIN	67	2:45.76 CLARA WALKER	70	3:38.04 LOIS NOCHMAN	72	4:30.02 GLADYS OLSEN	70
200 YD. FLY WOMEN 65-69		2:47.03 JUNE KRAUSER	70	3:39.26 FLORENCE CARR	71	5:03.75 MARGERY MEYER	74
3:11.22 JUNE KRAUSER	94	2:54.18 FLORENCE CARR	71	3:49.07 JEAN STORCH	72	5:58.02 MARGARET BROU	74
3:15.16 GAIL ROPER	67	2:56.30 BETTY RUSS	70	3:49.16 M J AMSBARY	72	6:00.23 MARJORIE NEWMAN	73
3:38.17 SYLVIA EISELE	67	2:57.29 MARGERY MEYER	74	3:52.29 NAN BLACKLEDGE	72	100 YD. I.M. WOMEN 70-74	
3:41.70 BETTY RUSS	69	2:58.14 PETEY SMITH	72	3:54.29 DIANA SILVA	74	1:29.22 JUNE KRAUSER	97
3:43.30 JEAN TROY	69	3:10.35 JEAN STORCH	72	3:58.58 NANCY SCHOEPERLY	71	1:29.22 JUNE KRAUSER	70
3:47.22 JOAN ALEXANDER	65	3:16.26 SUZANNE GRAHAM	70	50 YD. BRST WOMEN 70-74		1:32.27 FLORENCE CARR	71
4:04.37 MAL OLSHAN	66	3:16.35 RUTH BAAR	74	43.90 BETTY CHRISTIAN	93	1:38.70 LOIS NOCHMAN	71
4:04.68 JOAN CAMPBELL	66	3:20.23 PATRICIA DOTSON	70	46.04 JUNE KRAUSER	70	1:44.25 SUZANNE GRAHAM	70
4:08.60 NANCY DURSTEIN	67	500 YD. FREE WOMEN 70-74		46.68 M J AMSBARY	72	1:45.24 E.CARMICHAEL	73
4:11.32 JILL COLEMAN	66	7:24.26 JUNE KRAUSER	97	48.13 FLORENCE CARR	71	1:46.41 MARGERY MEYER	74
5:06.34 JOAN MCINTYRE	68	7:24.26 JUNE KRAUSER	70	49.03 LOIS NOCHMAN	72	1:46.59 PETEY SMITH	72
100 YD. I.M. WOMEN 65-69		7:50.82 MARGERY MEYER	74	49.22 SUZANNE GRAHAM	70	1:47.85 PATSY WEISS	74
1:19.21 GAIL ROPER	96	7:51.05 BETTY RUSS	70	49.77 MAGGIE MORS	70	1:50.29 BETTY KERCHEVAL	72
1:19.49 GAIL ROPER	67	8:06.23 PETEY SMITH	72	49.97 JAE HOWELL	73	1:50.47 JAE HOWELL	73
1:29.45 NANCY MACBETH	68	8:06.79 FLORENCE CARR	71	50.29 ESTHER PELLETIER	72	200 YD. I.M. WOMEN 70-74	
1:29.99 ANN HIRSCH	66	8:26.42 FAY BECK	70	51.46 PATRICIA DOTSON	70	3:09.25 JUNE KRAUSER	96
1:33.13 DIANE REED	66	8:41.82 GRACE ALTUS	73	52.12 MURIEL FLYNN	73	3:09.25 JUNE KRAUSER	70
1:33.51 DELLA SEHORN	69	8:43.03 SUZANNE GRAHAM	70	100 YD. BRST WOMEN 70-74		3:23.52 FLORENCE CARR	71
1:34.24 JEAN TROY	69	8:49.02 LOIS NOCHMAN	72	1:39.18 BETTY CHRISTIAN	92	3:40.24 LOIS KIVI NOCHMAN	72
1:37.05 CAROL TAYLOR	67	9:06.18 BARBARA BOLEY	72	1:40.34 JUNE KRAUSER	70	3:55.18 MARGERY MEYER	74
1:38.92 BARBARA JACKSON	67	1000 YD. FREE WOMEN 70-74		1:43.06 M J AMSBARY	72	4:01.00 E.CARMICHAEL	73
1:39.20 JOAN MORRIS	66	15:14.47 JUNE KRAUSER	97	1:47.91 SUZANNE GRAHAM	70	4:03.71 MURIEL FLYNN	73
1:40.24 LILLY KRON	65	15:14.47 JUNE KRAUSER	70	1:48.70 LOIS KIVI NOCHMAN	72	4:05.32 BETTY KERCHEVAL	72
200 YD. I.M. WOMEN 65-69		16:12.95 BETTY RUSS	70	1:50.91 FLORENCE CARR	72	4:06.75 NAN BLACKLEDGE	72
2:54.51 CLARA WALKER	92	16:30.83 MARGERY MEYER	74	1:52.66 MAGGIE MORS	70	4:11.78 JAE HOWELL	74
3:02.69 GAIL ROPER	97	16:52.90 PETEY SMITH	72	1:53.36 JAE HOWELL	73	4:14.89 BETTY DUNN	72
3:15.28 NANCY MACBETH	68	17:32.12 GRACE ALTUS	73	1:54.12 MURIEL FLYNN	73	400 YD. I.M. WOMEN 70-74	
3:16.63 ANN HIRSCH	66	17:33.33 FLORENCE CARR	71	1:58.90 ESTHER PELLETIER	71	6:42.23 JUNE KRAUSER	97
3:26.98 JEAN TROY	69	17:40.52 FAY BECK	70	2:02.57 ESTELLE SHUER	70	6:42.23 JUNE KRAUSER	70
3:28.02 DELLA SEHORN	69	17:51.99 LOIS NOCHMAN	72	200 YD. BRST WOMEN 70-74		7:43.81 LOIS NOCHMAN	72
3:29.58 CAROL TAYLOR	67	18:43.70 BETSY MONTGOMERY	71	3:35.57 JUNE KRAUSER	97	7:59.10 FLORENCE CARR	71
3:33.12 JOAN ALEXANDER	65	18:45.87 BARBARA BOLEY	72	3:35.57 JUNE KRAUSER	70	8:32.23 MARGERY MEYER	74
3:34.69 JOAN MCINTYRE	68	1650 YD. FREE WOMEN 70-74		3:49.55 M.J. AMSBARY	71	8:36.25 JAE HOWELL	74
3:34.69 DIANE REED	66	25:23.82 JUNE KRAUSER	97	3:55.00 SUZANNE GRAHAM	70	9:00.79 GLADYS OLSEN	70
3:37.82 JOAN CAMPBELL	67	25:23.82 JUNE KRAUSER	70	3:57.21 LOIS KIVI NOCHMAN	72	9:09.79 JUNE REYNOLDS	74
400 YD. I.M. WOMEN 65-69		27:12.22 MARGERY MEYER	74	4:04.88 MURIEL FLYNN	73	10:11.12 MARJORIE NEWMAN	73
6:24.09 CLARA WALKER	93	27:58.73 PETEY SMITH	72	4:08.63 FLORENCE CARR	72	10:42.58 CAROL KNEPP	71
6:28.73 GAIL ROPER	67	28:45.15 FAY BECK	70	4:18.43 JAE HOWELL	74	11:03.00 MARGARET BROU	74
6:52.47 NANCY MACBETH	68	29:28.43 LOIS NOCHMAN	72	4:19.06 ESTELLE SHUER	70	50 YD. FREE WOMEN 75-79	
7:12.30 CAROL TAYLOR	68	29:31.53 FLORENCE CARR	71	4:21.57 GLADYS OLSEN	70	36.17 LENORE WINGARD	87
7:12.90 SYLVIA EISELE	67	29:39.10 GRACE ALTUS	73	4:24.17 ESTHER PELLETIER	72	36.96 DOROTHY DONNELLY	75
7:20.25 JEAN TROY	69	32:38.00 CLARA SOTAK	72	50 YD. FLY WOMEN 70-74		38.89 BETTY CHRISTIAN	75
7:31.47 JOAN ALEXANDER	65	35:49.53 LOYS GREEN	70	39.91 JUNE KRAUSER	97	39.88 SUE MARVEL	77
7:37.57 NANCY DURSTEIN	67	37:21.75 MARGARET BROU	74	39.91 JUNE KRAUSER	70	40.47 MARY STADIG	75
7:38.02 JOAN CAMPBELL	66	50 YD. BACK WOMEN 70-74		40.85 FLORENCE CARR	71	41.24 B.BURRILL	76
7:40.05 MARIA YUNGEL	65	38.00 DORIS STEADMAN	95	41.30 LOIS KIVI NOCHMAN	72	41.62 BUNNY CEDERLUND	75
7:53.29 MAL OLSHAN	66	39.48 DORIS STEADMAN	72	42.90 PATRICIA DOTSON	70	42.30 RITA SIMONTON	78
50 YD. FREE WOMEN 70-74		42.94 JUNE KRAUSER	70	46.87 BETTY KERCHEVAL	72	42.47 RITA EVANS	77
33.26 CLARA WALKER	97	44.94 LOIS NOCHMAN	72	48.31 BETTY DUNN	72	43.16 NANCY PHILLIPS	75
33.26 CLARA WALKER	70	45.21 FLORENCE CARR	71	52.17 DIANA SILVA	74	43.19 MARJORIE SHARPE	79
33.88 BETTY RUSS	70	45.31 JEANNE MERRYMAN	74	53.21 JEANNE MERRYMAN	74	100 YD. FREE WOMEN 75-79	
34.41 FLORENCE CARR	71	46.27 M.J. AMSBARY	71	53.63 SUZANNE GRAHAM	70	1:21.57 LENORE WINGARD	86
35.15 PETEY SMITH	72	46.91 MARGERY MEYER	74	54.07 GRACE ALTUS	73	1:26.82 DOROTHY DONNELLY	75
35.49 JUNE KRAUSER	70	48.05 SARAH ALLNUTT	73	100 YD. FLY WOMEN 70-74		1:32.83 SUE MARVEL	77
35.58 MARGERY MEYER	74	48.83 NAN BLACKLEDGE	72	1:29.07 JUNE KRAUSER	97	1:33.29 RITA SIMONTON	78
37.71 SUZANNE GRAHAM	70	49.62 NANCY SCHOEPERLY	71	1:29.07 JUNE KRAUSER	70	1:35.26 MARY STADIG	75
38.22 LOIS NOCHMAN	72	100 YD. BACK WOMEN 70-74		1:37.99 BETTY RUSS	70	1:35.54 BUNNY CEDERLUND	75
38.47 E.CARMICHAEL	73	1:24.70 DORIS STEADMAN	95	1:44.56 LOIS NOCHMAN	71	1:35.75 B.BURRILL	76
38.54 DOROTHY JOHNSON	70	1:28.81 DORIS STEADMAN	72	1:47.98 FLORENCE CARR	71	1:38.58 RITA EVANS	77
100 YD. FREE WOMEN 70-74		1:33.80 JUNE KRAUSER	70	1:57.96 BETTY DUNN	72	1:40.31 NANCY PHILLIPS	75
1:15.16 CLARA WALKER	97	1:35.83 FLORENCE CARR	71	2:04.14 JAE HOWELL	73	1:42.63 MAURINE KORNFELD	75

TOP TEN - SHORT COURSE YARDS

1:43.50 DORIS RUSSELL 76	4:09.63 RITA EVANS 77	7:37.67 EFFIE WOOD 78	8:58.40 MARJORIE SHARPE 80
200 YD. FREE WOMEN 75-79	4:21.29 MAURINE KORNFELD 75	100 YD. I.M. WOMEN 75-79	10:22.64 JEAN DURSTON 82
3:05.04 LENORE WINGARD 87	4:25.59 JUNE REYNOLDS 75	1:43.76 GERTRUD ZINT 93	10:32.91 NATE O'CONNELL 80
3:06.74 BUNNY CEDERLUND 75	4:29.88 M.STEINBISS 76	1:47.71 DIANA SILVA 75	10:38.51 ANNE WALKER 81
3:20.31 RITA SIMONTON 78	4:33.23 MAXINE CARLSON 77	1:54.44 JUNE REYNOLDS 75	11:13.33 MARGARET NAGLE 80
3:20.64 BETTY CHRISTIAN 75	4:33.61 MARDIE BROWN 79	1:54.49 DOROTHY DONNELLY 75	11:13.38 MARIE WICKLUN 83
3:26.06 MARJORIE SHARPE 79	50 YD. BRST WOMEN 75-79	1:57.05 NANCY PHILLIPS 75	11:59.85 IVY BROWN 81
3:28.21 DOROTHY DONNELLY 75	48.53 GERTRUD ZINT 93	1:57.06 BUNNY CEDERLUND 75	13:44.93 MARTHA FORSTER 80
3:35.87 B.BURRILL 76	48.61 BETTY CHRISTIAN 75	1:58.47 H.HUGGINS 75	13:49.38 AGNES ROMAYKO 83
3:36.06 MARY STADIG 75	54.09 GERTRUD ZINT 79	1:58.71 RITA EVANS 77	14:30.50 RUTH HAMILTON 82
3:37.63 LOUISE DONOVAN 78	55.79 RITA SIMONTON 78	2:01.83 GERTRUD ZINT 79	1000 YD. FREE WOMEN 80-84
3:39.42 MAURINE KORNFELD 75	56.76 JUNE REYNOLDS 75	2:04.40 B.BURRILL 75	18:40.62 MARJORIE SHARPE 97
3:42.32 ELSIE STEVENS 75	57.12 EDITH GLUSAC 78	2:09.74 KAY SCHIMPF 79	18:40.62 MARJORIE SHARPE 80
500 YD. FREE WOMEN 75-79	57.39 SALLY JOY 79	200 YD. I.M. WOMEN 75-79	20:43.08 JEAN DURSTON 82
8:22.65 RITA SIMONTON 93	1:00.43 MARY CULHANE 75	3:52.62 GERTRUD ZINT 94	27:39.49 MARTHA FORSTER 80
8:43.56 RITA SIMONTON 78	1:00.47 AGOTA FROHS 77	4:05.36 DIANA SILVA 75	27:56.71 AGNES ROMAYKO 83
9:29.88 SUE MARVEL 77	1:01.12 KAY SCHIMPF 79	4:15.93 JUNE REYNOLDS 75	34:17.07 M NUTE 82
9:30.02 B.BURRILL 76	1:02.22 SUE MCGAUGHEY 75	4:16.28 KAY SCHIMPF 79	1650 YD. FREE WOMEN 80-84
9:31.69 BUNNY CEDERLUND 75	100 YD. BRST WOMEN 75-79	4:19.53 NANCY PHILLIPS 75	31:07.16 MARJORIE SHARPE 97
9:36.75 MAURINE KORNFELD 75	1:49.55 GERTRUD ZINT 93	4:30.85 H.HUGGINS 75	31:07.16 MARJORIE SHARPE 80
9:38.43 DOT DONNELLY 75	1:50.74 BETTY CHRISTIAN 75	4:32.25 SYLVIA HILL 75	35:08.91 JEAN DURSTON 82
9:39.10 NANCY PHILLIPS 75	2:00.95 RITA SIMONTON 78	4:36.64 AGOTA FROHS 77	37:20.94 MARY JANE REEVES 80
9:40.49 MARY STADIG 75	2:04.31 JUNE REYNOLDS 75	4:39.30 MARDIE BROWN 79	51:10.70 AGNES ROMAYKO 83
9:56.17 SYLVIA HILL 75	2:06.47 GERTRUD ZINT 79	4:54.34 JEAN ZULICH 76	50 YD. BACK WOMEN 80-84
10:13.93 H.HUGGINS 75	2:08.06 AGOTA FROHS 77	5:02.86 GERTRUD ZINT 79	50.64 MARIE WICKLUN 94
1000 YD. FREE WOMEN 75-79	2:10.47 KAY SCHIMPF 79	400 YD. I.M. WOMEN 75-79	50.75 MARJORIE SHARPE 80
17:30.22 RITA SIMONTON 94	2:12.21 EDITH GLUSAC 78	8:10.40 MAXINE MERLINO 88	53.03 ANNE WALKER 81
18:18.41 RITA SIMONTON 78	2:13.08 SALLY JOY 79	8:32.41 DIANA SILVA 75	54.54 MARIE WICKLUN 83
19:15.17 SUE MARVEL 77	2:15.17 MARY CULHANE 75	9:02.67 JUNE REYNOLDS 75	54.93 AUDREY ETIENNE 80
20:02.21 BUNNY CEDERLUND 75	2:16.79 ANNELIESE EIBL 76	9:28.59 H.HUGGINS 75	55.51 MARDIE BROWN 80
20:03.98 B.BURRILL 76	200 YD. BRST WOMEN 75-79	9:53.02 KAY SCHIMPF 79	56.70 NATE O'CONNELL 80
22:46.86 KAY SCHIMPF 79	4:04.18 RITA SIMONTON 94	10:53.21 EDITH GLUSAC 78	58.60 YVONNE WIENCKE 80
22:56.63 MARDIE BROWN 79	4:21.53 RITA SIMONTON 78	11:21.09 ROSEMARY KARIKER 77	1:00.34 SALLY JOY 80
23:30.64 GERTRUD ZINT 79	4:33.09 JUNE REYNOLDS 75	12:22.30 ZADA TAFT 77	1:03.62 BILLIE JEA SUTTER 82
24:09.34 MARION CHADWICK 75	4:48.40 KAY SCHIMPF 79	13:10.64 ELFIE STEVENIN 75	1:05.19 MARGARET NAGLE 80
28:52.99 ELFIE STEVENIN 75	4:50.08 ANNELIESE EIBL 76	13:19.29 MARION CHADWICK 75	100 YD. BACK WOMEN 80-84
29:48.05 ROSE STEWARD 78	4:57.47 EDITH GLUSAC 78	16:47.67 ROSE STEWARD 79	1:49.26 MARJORIE SHARPE 97
1650 YD. FREE WOMEN 75-79	5:06.44 LIBBY POOLE 76	50 YD. FREE WOMEN 80-84	1:49.26 MARJORIE SHARPE 80
29:40.16 RITA SIMONTON 95	5:07.21 GERTRUD ZINT 79	41.32 MARJORIE SHARPE 97	1:57.07 ANNE WALKER 81
30:46.92 RITA SIMONTON 78	5:24.83 SYLVIA HILL 75	41.32 MARJORIE SHARPE 80	1:59.50 MARDIE BROWN 80
35:00.06 B.BURRILL 76	5:28.82 ANNELIESE ZOELLER 79	41.85 AUDREY ETIENNE 80	1:59.95 MARIE WICKLUN 83
37:03.94 KAY SCHIMPF 79	8:17.61 ROSE STEWARD 79	45.77 MARGARET NAGLE 80	2:07.82 JEAN DURSTON 82
37:14.88 JANE RUSSELL 75	50 YD. FLY WOMEN 75-79	45.77 NATE O'CONNELL 80	2:09.29 EVA MULLER 84
39:25.21 MARION CHADWICK 75	47.97 GERTRUD ZINT 93	47.54 ANNE WALKER 81	2:14.05 SALLY JOY 80
45:23.69 KATE BRAZIL 76	49.31 DIANA SILVA 75	48.63 MARIE WICKLUN 83	2:19.55 YVONNE WIENCKE 80
50 YD. BACK WOMEN 75-79	52.41 DORIS RUSSELL 76	50.07 YVONNE WIENCKE 80	2:25.44 BILLIE JEA SUTTER 82
42.92 BUNNY CEDERLUND 97	52.67 NANCY PHILLIPS 75	50.34 JEAN DURSTON 82	2:26.28 BETH HANKS 81
42.92 BUNNY CEDERLUND 75	54.88 JUNE REYNOLDS 75	51.98 SALLY JOY 80	200 YD. BACK WOMEN 80-84
47.05 BETTY CHRISTIAN 75	57.29 B.BURRILL 75	52.15 MARY JANE REEVES 80	3:51.12 MARIE WICKLUN 94
48.64 DIANA SILVA 75	57.48 SYLVIA HILL 75	100 YD. FREE WOMEN 80-84	3:57.88 MARJORIE SHARPE 80
49.33 ELSIE STEVENS 75	57.60 GERTRUD ZINT 79	1:31.90 MARJORIE SHARPE 97	4:04.31 MARIE WICKLUN 83
49.56 MARJORIE SHARPE 79	58.18 SUE MCGAUGHEY 75	1:31.90 MARJORIE SHARPE 80	4:12.05 ANNE WALKER 80
50.32 RITA EVANS 77	59.22 H.HUGGINS 75	1:40.71 AUDREY ETIENNE 80	4:12.20 MARDIE BROWN 80
50.41 NANCY PHILLIPS 75	59.33 KAY SCHIMPF 79	1:41.59 NATE O'CONNELL 80	4:27.79 JEAN DURSTON 82
51.40 JUNE REYNOLDS 75	100 YD. FLY WOMEN 75-79	1:48.23 JEAN DURSTON 82	4:42.25 EVA MULLER 84
52.15 DOROTHY DONNELLY 75	1:56.16 DIANA SILVA 97	1:48.34 ANNE WALKER 80	4:47.59 SALLY JOY 80
52.27 MARY STADIG 75	1:56.16 DIANA SILVA 75	1:50.69 MARIE WICKLUN 83	5:04.95 YVONNE WIENCKE 80
100 YD. BACK WOMEN 75-79	2:02.83 JUNE REYNOLDS 75	1:53.00 YVONNE WIENCKE 80	5:14.16 BETH HANKS 81
1:39.96 BUNNY CEDERLUND 97	2:11.99 DORIS RUSSELL 76	1:54.20 MARGARET NAGLE 80	5:15.38 LOIS ELLERT 82
1:39.96 BUNNY CEDERLUND 75	2:16.97 H.HUGGINS 75	1:54.96 SALLY JOY 80	50 YD. BRST WOMEN 80-84
1:43.62 DIANA SILVA 75	2:19.93 JEAN ZULICH 76	1:57.30 EVA MULLER 84	57.72 SALLY JOY 97
1:47.06 ELSIE STEVENS 75	2:21.14 KAY SCHIMPF 79	200 YD. FREE WOMEN 80-84	57.72 SALLY JOY 80
1:49.97 RITA EVANS 77	2:43.13 EDITH GLUSAC 78	3:22.99 MARJORIE SHARPE 97	1:04.90 JEAN DURSTON 82
1:50.98 NANCY PHILLIPS 75	2:47.06 ROSEMARY KARIKER 77	3:22.99 MARJORIE SHARPE 80	1:05.41 PAT MATTHIESEN 80
1:52.34 SUE MARVEL 77	2:47.09 ZADA TAFT 77	3:59.72 NATE O'CONNELL 80	1:05.59 NATE O'CONNELL 80
2:01.87 JUNE REYNOLDS 75	3:27.72 EFFIE WOOD 78	3:59.83 ANNE WALKER 81	1:06.01 AUDREY ETIENNE 80
2:03.58 GERTRUD ZINT 79	200 YD. FLY WOMEN 75-79	3:59.85 JEAN DURSTON 82	1:08.86 MARGARET NAGLE 80
2:04.52 MAXINE CARLSON 77	4:19.43 MAXINE MERLINO 88	4:10.67 MARY JANE REEVES 80	1:09.26 L.BRUCE 82
2:05.86 JEAN ZULICH 76	4:25.54 DIANA SILVA 75	4:12.02 MARGARET NAGLE 80	1:09.97 HELEN ROUMASSET 81
200 YD. BACK WOMEN 75-79	4:32.48 JUNE REYNOLDS 75	4:15.88 PAT MATTHIESEN 80	1:12.84 MARIE KELLEHER 83
3:40.27 DIANA SILVA 97	4:38.53 SYLVIA HILL 75	4:19.22 MARY KELLEHER 83	1:14.60 HILDA BUEL 82
3:40.27 DIANA SILVA 75	5:03.30 H.HUGGINS 75	4:27.30 IVY BROWN 81	100 YD. BRST WOMEN 80-84
3:42.93 BUNNY CEDERLUND 75	5:46.75 ROSEMARY KARIKER 77	4:30.87 YVONNE WIENCKE 80	2:15.75 MAXINE MERLINO 94
3:54.24 MARJORIE SHARPE 79	6:44.08 ZADA TAFT 77	500 YD. FREE WOMEN 80-84	2:18.01 SALLY JOY 80
3:59.86 NANCY PHILLIPS 75	7:10.39 ELFIE STEVENIN 75	8:58.40 MARJORIE SHARPE 97	2:20.16 JEAN DURSTON 82

TOP TEN - SHORT COURSE YARDS

2:40.11 L.BRUCE	82	1:11.92 MARION MUELLER	85	1:43.68 MADELEINE MILLER	86	47.32 COLE PINNOW	22
2:42.94 MARGARET NAGLE	80	1:16.52 SALLY RYCKMAN	85	3:56.65 G TURNER	85	47.37 JOE TRISTAN	21
2:43.61 EVA MULLER	84	1:20.49 HEDY PULLMAN	85	100 YD. FLY WOMEN 85-89		47.37 JASON HANSEN	23
2:45.66 MARIE KELLEHER	83	1:39.16 ELIZABETH DZIADUS	86	3:01.71 ELLA PECKHAM	84	48.10 BROCK GREYTER	24
2:50.45 BUZ CATLIN	82	2:20.48 G TURNER	85	NO SWIMMERS		49.07 MATT GUYOT	23
2:50.84 HILDA BUEL	83	2:35.71 G HIDDLESON	88	200 YD. FLY WOMEN 85-89		49.14 BRANT HASEBE	23
3:06.90 ANNE WILDER	83	100 YD. FREE WOMEN 85-89		6:39.85 KATHERINE PELTON	91	49.21 ROBERT BUTCHER	24
3:27.30 HELENA HOFFMAN	81	1:45.80 JULIA DOLCE	95	NO SWIMMERS		49.26 EALING JAHN	21
200 YD. BRST WOMEN 80-84		1:57.19 JULIA DOLCE	87	100 YD. I.M. WOMEN 85-89		49.30 JON FROHLICH	24
4:42.55 JEAN DURSTON	96	2:23.28 EDITH HENDRY	85	2:40.42 JEWEL COOKE	96	200 YD. FREE M E N 19-24	
5:03.04 JEAN DURSTON	82	2:28.50 ELLEN TAIT	86	3:19.52 MADELEINE MILLER	86	1:41.34 BRAD WINSOR	96
5:20.45 SALLY JOY	80	2:37.05 MADELEINE MILLER	86	6:53.45 G TURNER	85	1:46.29 CHRISTOPHER ROAT	22
5:27.99 MARY JANE REEVES	80	2:54.86 SALLY RYCKMAN	85	200 YD. I.M. WOMEN 85-89		1:46.60 JOE TRISTAN	21
5:50.79 HILDA BUEL	82	3:03.89 HEDY PULLMAN	85	5:38.74 JEWEL COOKE	95	1:47.80 J.ARMSTRONG	21
6:13.17 ANNE WILDER	83	3:12.52 MARION MUELLER	85	NO SWIMMERS		1:48.04 ERIC NEWTON	24
6:27.95 HELENA HOFFMAN	81	4:53.91 G TURNER	85	400 YD. I.M. WOMEN 85-89		1:48.81 BRANT HASEBE	23
6:38.80 HELEN ROUMASSET	81	200 YD. FREE WOMEN 85-89		12:00.94 JEWEL COOKE	95	1:49.20 BROCK GREYTER	24
50 YD. FLY WOMEN 80-84		4:08.61 JULIA DOLCE	95	NO SWIMMERS		1:49.30 CHARLES ROOT	24
56.60 MARIA LENK	95	4:37.31 JULIA DOLCE	87	50 YD. FREE WOMEN 90-94		1:49.40 LEE WANIE	23
56.74 AUDREY ETIENNE	80	5:27.42 ELLEN TAIT	86	49.68 AILEEN SOULE	96	1:50.55 MARK HERNANDEZ	21
1:00.29 JEAN DURSTON	82	5:33.08 MADELEINE MILLER	86	1:47.50 EDITH IRISH	90	1:51.94 JEFF BUSHNELL	23
1:04.71 SALLY JOY	80	500 YD. FREE WOMEN 85-89		100 YD. FREE WOMEN 90-94		500 YD. FREE M E N 19-24	
1:07.08 MARDIE BROWN	80	11:24.79 JULIA DOLCE	95	2:12.13 AILEEN SOULE	96	4:33.88 BRAD WINSOR	96
1:10.77 HELEN ROUMASSET	81	12:52.21 JULIA DOLCE	87	NO SWIMMERS		4:53.71 CHRISTOPHER ROAT	22
1:13.83 MARY JANE REEVES	80	14:17.68 PATIENCE MILLER	85	200 YD. FREE WOMEN 90-94		4:53.74 ERIC NEWTON	24
1:14.75 MARIE KELLEHER	83	14:18.25 ELLEN TAIT	86	4:56.80 AILEEN SOULE	96	4:55.62 J.ARMSTRONG	21
1:16.98 ANNE WILDER	83	14:21.11 MARION MUELLER	85	NO SWIMMERS		5:01.37 LEE WANIE	23
1:19.05 PAT MATTHIESEN	80	1000 YD. FREE WOMEN 85-89		500 YD. FREE WOMEN 90-94		5:06.44 JAMES RUGGIERO	24
1:27.62 HILDA BUEL	83	24:04.52 JULIA DOLCE	95	15:48.03 ANNA BAUSCHER	92	5:07.24 TODD RADEL	24
100 YD. FLY WOMEN 80-84		NO SWIMMERS		NO SWIMMERS		5:08.27 KEVIN DOHERTY	23
2:11.60 JEAN DURSTON	95	1650 YD. FREE WOMEN 85-89		1000 YD. FREE WOMEN 90-94		5:09.89 PAUL FRANCO	23
2:15.64 JEAN DURSTON	82	45:53.55 JULIA DOLCE	97	32:53.76 ANNA BAUSCHER	93	5:10.82 J.SHEARSTONE	24
2:34.72 JUDITH GORDON	84	45:53.55 JULIA DOLCE	87	NO SWIMMERS		5:14.34 RUSSELL KOMINSKI	23
3:03.12 HELEN ROUMASSET	81	50 YD. BACK WOMEN 85-89		50 YD. BACK WOMEN 90-94		1000 YD. FREE M E N 19-24	
3:09.07 ANNE WILDER	83	49.59 AILEEN SOULE	91	1:01.93 AILEEN SOULE	96	9:29.54 BRAD WINSOR	96
3:20.20 HILDA BUEL	83	1:06.24 EDITH HENDRY	85	NO SWIMMERS		10:04.01 ERIC NEWTON	24
3:42.33 HELENA HOFFMAN	81	1:07.63 JEWEL COOKE	88	100 YD. BACK WOMEN 90-94		10:12.06 J.ARMSTRONG	21
200 YD. FLY WOMEN 80-84		1:12.19 MADELEINE MILLER	86	2:14.66 AILEEN SOULE	96	10:41.14 TODD RADEL	24
4:40.17 JEAN DURSTON	95	1:13.06 MARY MUELLER	85	4:00.26 EDITH IRISH	90	10:42.78 JEFF BUSHNELL	23
4:58.82 JEAN DURSTON	82	1:29.54 HEDY PULLMAN	85	200 YD. BACK WOMEN 90-94		11:24.86 TRAVIS EVERETT	20
7:02.06 ANNE WILDER	83	1:31.50 SALLY RYCKMAN	85	4:42.55 AILEEN SOULE	96	11:25.29 ERIC CRANKSHAW	24
8:35.52 HELENA HOFFMAN	81	1:37.16 ELIZABETH DZIADUS	86	NO SWIMMERS		11:32.36 ROB BUTCHER	24
100 YD. I.M. WOMEN 80-84		1:47.97 GILDA DIPIERRE	87	50 YD. BRST WOMEN 90-94		11:33.31 JOSHUA GORDON	23
1:53.57 MARIA LENK	95	2:08.76 G TURNER	85	2:26.52 LUELLA TYRA	84	12:09.89 RICHARD CARLSON	21
1:57.90 AUDREY ETIENNE	80	2:16.19 G HIDDLESON	88	NO SWIMMERS		12:53.23 MATT PATOUT	24
2:02.99 JEAN DURSTON	82	100 YD. BACK WOMEN 85-89		100 YD. BRST WOMEN 90-94		1650 YD. FREE M E N 19-24	
2:10.73 SALLY JOY	80	1:55.84 AILEEN SOULE	91	5:30.32 LUELLA TYRA	83	16:20.39 BRAD WINSOR	96
2:16.08 MARDIE BROWN	80	2:27.96 JEWEL COOKE	88	NO SWIMMERS		16:53.40 ERIC NEWTON	24
2:20.47 EVA MUELLER	84	2:37.06 MARION MUELLER	85	200 YD. BRST WOMEN 90-94		17:13.47 J.ARMSTRONG	21
2:21.43 MARY JANE REEVES	80	2:37.63 EDITH HENDRY	86	11:48.36 LUELLA TYRA	83	17:34.69 JAMES RUGGIERO	24
2:24.49 PAT MATTHIESEN	80	2:39.85 MADELEINE MILLER	86	NO SWIMMERS		17:58.34 ROBERT VAN ANDEL	22
2:27.19 HELEN ROUMASSET	81	3:08.49 HEDY PULLMAN	85	50 YD. FLY WOMEN 90-94		18:09.55 RYAN WHITE	22
2:28.31 MARIE KELLEHER	83	200 YD. BACK WOMEN 85-89		3:47.79 ANNA BAUSCHER	93	18:12.02 KEVIN DOHERTY	23
2:48.55 HILDA BUEL	83	4:09.33 AILEEN SOULE	91	NO SWIMMERS		18:24.66 CHRIS YORK	20
200 YD. I.M. WOMEN 80-84		5:33.38 MARION MUELLER	85	100 YD. I.M. WOMEN 90-94		18:36.25 TRAVIS EVERETT	20
4:14.08 MARIA LENK	95	5:51.80 MADELEINE MILLER	86	5:05.96 ANNA BAUSCHER	93	18:41.60 TODD RADEL	24
4:22.05 JEAN DURSTON	82	50 YD. BRST WOMEN 85-89		NO SWIMMERS		19:14.75 JEREMY GERKING	23
4:54.78 MARDIE BROWN	80	1:04.39 MARTI GOGNIAT	96	200 YD. I.M. WOMEN 90-94		50 YD. BACK M E N 19-24	
5:15.68 PAT MATTHIESEN	80	1:04.34 MARTI GOGNIAT	86NV	10:43.74 ANNA BAUSCHER	93	23.44 JEFF THIBAUT	95
5:24.95 MARIE KELLEHER	83	1:17.50 MADELEINE MILLER	86	NO SWIMMERS		26.63 JASON CARR	21
5:41.60 HELEN ROUMASSET	81	1:24.07 JEWEL COOKE	88	50 YD. FREE M E N 19-24		26.68 BRAD SCHMIED	24
6:06.44 HILDA BUEL	83	1:43.56 HEDY PULLMAN	85	20.25 ERIC MAUER	94	26.78 RANDY TEETERS	22
6:17.84 ANNE WILDER	83	2:22.00 G HIDDLESON	88	21.09 LEE WANIE	23	26.90 MATTHEW BOLES	23
6:57.89 HELENA HOFFMAN	81	100 YD. BRST WOMEN 85-89		21.60 COLE PINNOW	22	27.33 ERIC PROKOPI	22
400 YD. I.M. WOMEN 80-84		2:46.49 MADELEINE MILLER	96	21.80 ROBERT BUTCHER	24	27.56 GRAHAM LOWER	19
8:59.27 JEAN DURSTON	95	2:23.57 MARTI GOGNIAT	86NV	21.82 ANDREW EATON	24	27.63 DOVEN HOLLEY	19
9:18.55 JEAN DURSTON	82	3:15.30 MADELEINE MILLER	86	21.83 MATT SHORT	24	27.81 MATT SHORT	24
12:16.04 HELENA HOFFMAN	81	3:18.07 JEWEL COOKE	88	21.90 JASON HANSEN	23	27.88 JIM PESTRICHELLI	23
13:14.65 ANNE WILDER	83	3:44.74 HEDY PULLMAN	85	21.92 BROCK GREYTER	23	27.92 KEVAN SWINEY	22
50 YD. FREE WOMEN 85-89		200 YD. BRST WOMEN 85-89		22.26 DONALD MIRALLE	22	100 YD. BACK M E N 19-24	
45.72 JULIA DOLCE	95	6:12.44 KATHERINE PELTON	91	22.27 BRIAN MATTHEWS	23	50.58 JEFF THIBAUT	95
47.79 JULIA DOLCE	87	7:03.94 MADELEINE MILLER	86	22.27 ERIC CROSS	24	53.45 COLE PINNOW	22
1:00.54 EDITH HENDRY	85	50 YD. FLY WOMEN 85-89		100 YD. FREE M E N 19-24		55.06 OSIRIS BRISENO	20
1:04.03 MADELEINE MILLER	86	1:16.00 ELLA PECKHAM	85	45.11 ERIC MAUER	94	56.40 MATT GUYOT	23
1:04.13 ELLEN TAIT	86	1:22.96 JEWEL COOKE	88	47.20 LEE WANIE	23	56.97 E. PICCININI	24

TOP TEN - SHORT COURSE YARDS

57.46	CHRIS HORNE	24	53.99	CHRIS HORNE	24	47.48	ERIC CRANKSHAW	25	1:53.48	DEREK ROBINSON	27
58.05	ERIC PROKOPI	22	54.06	E. PICCININI	24	200 YD. FREE M E N 25-29			1:54.08	JEFF WELECHUK	26
58.29	JEFF BUSHNELL	23	54.58	THERON WELLS	24	1:38.14	JOHN KEPPELER	96	1:56.03	MICHAEL KANNER	28
58.32	CHARLES ROOT	24	54.68	OSIRIS BRISENO	20	1:43.07	ROBBERT-PAUL SMIT	28	1:58.43	KURT DICKSON	29
58.42	JOSHUA BIRDSALL	24	200 YD. FLY M E N 19-24		1:44.09	BRAD WINSOR	25	1:58.45	GREG GOOCH	25	
58.65	KENT PALMER	24	1:51.04	STEVEN REED	93	1:45.02	JEFF WELECHUK	26	1:58.84	SCOTT TRIPPS	27
200 YD. BACK M E N 19-24			1:58.85	BRANT HASEBE	23	1:45.66	JEFF UTSCH	29	1:59.48	NENAD RODIC	26
1:50.28	JOHN KEPPELER	92	1:58.94	CHRIS HORNE	24	1:46.17	RICHARD TOOTHILL	27	1:59.61	ROBERT BERRY	28
1:57.06	JOE TRISTAN	21	1:59.99	J.ARMSTRONG	21	1:46.24	FRANCIS PELOSO	27	1:59.75	SIMON PERCY	25
2:00.14	CHRIS HORNE	24	2:01.66	CLAYTON THOMPSON	20	1:46.88	CHIP HOBSON	29	1:59.85	KEVIN DESTRAMPE	29
2:04.05	JEFF BUSHNELL	23	2:01.97	E. PICCININI	24	1:47.29	ED WAGNER	25	50 YD. BRST M E N 25-29		
2:05.37	CHRIS REDDAM	24	2:02.65	JAMES RUGGIERO	24	1:47.43	ERNIE HOFTYZER	27	25.34	GREG RHODENBAUGH	91
2:05.63	PAUL FRANCO	23	2:02.88	ROBBERT VAN ANDEL	22	1:47.55	BRIAN FOLEY	25	26.77	ANDREA CECCHI	28
2:06.15	ADRIAN JOHNSON	19	2:05.35	TODD RADEL	24	500 YD. FREE M E N 25-29			26.87	NEILL WILLIAMS	29
2:07.36	JAMES RUGGIERO	24	2:09.10	SEAN KELLY	23	4:30.25	CHIP HOBSON	94	27.38	ROBERT LEYSHON	28
2:07.39	TODD RADEL	24	2:10.03	ALAN LIU	24	4:46.65	JEFF UTSCH	29	27.48	TROY DALBEY	28
2:11.35	KEVIN NOAH	24	100 YD. I.M. M E N 19-24		4:47.51	PAUL LOWENGRUB	26	27.68	JIM BERGEN	29	
2:11.51	WARD LOWE	24	52.01	ADAM WERTH	92	4:48.73	CHIP HOBSON	29	27.76	JACK MACKENROTH	28
50 YD. BRST M E N 19-24			54.17	J.ARMSTRONG	21	4:49.45	JEFF WELECHUK	26	27.85	MARK GWIDT	27
26.14	BRUCE CROCK	96	54.40	COLE PINNOW	22	4:52.57	KYLE KIMBALL	26	27.88	STEVEN GOMBAL	26
26.83	TODD RADEL	24	54.69	TODD RADEL	24	4:53.23	MATT KELLER	27	27.89	PAUL MCQUAID	26
26.91	ROBERT BUTCHER	24	55.12	LEE WANIE	23	4:56.01	JONATHAN SAKOVICH	26	27.97	DARREN GORMAN	25
26.93	TRACY LASSEN	24	55.31	RANDALL YURCHAK	24	4:56.55	DIMITAR PETROV	25	100 YD. BRST M E N 25-29		
27.48	J.ARMSTRONG	21	56.58	DALE HUGGINS	24	4:56.95	DANNY MARTIN	25	56.21	DAVID LUNDBERG	90
27.55	RANDALL YURCHAK	24	56.73	ERIC NEWTON	24	4:57.37	ERNIE HOFTYZER	27	57.52	ANDREA CECCHI	28
27.89	RANDY TEETERS	22	56.80	ADRIAN JOHNSON	19	1000 YD. FREE M E N 25-29			58.31	NEILL WILLIAMS	29
27.92	DALE HUGGINS	24	57.37	EALING JAHN	21	9:26.67	CHIP HOBSON	94	59.71	ROBERT LEYSHON	28
28.39	JASON HANSEN	23	57.39	CHRIS HORNE	24	10:06.88	DIMITAR PETROV	25	59.86	ABRAHAM SOLANO	27
28.59	COREY RIORDAN	19	200 YD. I.M. M E N 19-24		10:28.41	BRANDON CARTER	26	1:00.47	JIM BERGEN	29	
28.83	ERIC CROSS	24	1:52.82	SIMON PERCY	94	10:33.95	MICHAEL INGARDIA	27	1:00.98	MARK GWIDT	27
100 YD. BRST M E N 19-24			1:57.67	J.ARMSTRONG	21	10:36.45	JEFFREY JOTZ	27	1:01.31	STEVEN GOMBAL	26
57.68	TODD RADEL	97	1:57.92	TODD RADEL	24	10:37.37	PAUL SKOGLUND	29	1:01.82	DARREN GORMAN	25
57.68	TODD RADEL	24	2:01.64	LEE WANIE	23	10:38.33	RUDOLFO BULNES	26	1:01.96	JAMIE PATRICK	26
58.87	ROBERT BUTCHER	24	2:02.50	CHRIS HORNE	24	10:38.68	BEN MORSE	25	1:02.26	GREGORY SAMPSON	28
59.54	J.ARMSTRONG	21	2:02.76	ERIC NEWTON	24	10:43.16	SIMON PERCY	25	200 YD. BRST M E N 25-29		
1:00.68	RANDALL YURCHAK	24	2:03.78	RANDY TEETERS	22	10:43.76	JAMES WOLFLE	28	2:03.69	DOUGLAS SOLTIS	88
1:01.77	RANDY TEETERS	22	2:03.90	CHRIS REDDAM	24	10:46.06	ED OWEN	25	2:11.04	ROBERT LEYSHON	28
1:01.81	DALE HUGGINS	24	2:04.69	KEVIN DOHERTY	23	1650 YD. FREE M E N 25-29			2:11.05	MATTHEW KINNEY	27
1:02.06	CHRIS REDDAM	24	2:04.98	OSIRIS BRISENO	20	15:46.91	BOBBY PATTEN	90	2:12.30	NEILL WILLIAMS	29
1:02.29	COREY RIORDAN	19	2:05.12	JAMES RUGGIERO	24	16:59.02	PAUL LOWENGRUB	26	2:13.34	MATTHEW GRAY	26
1:02.58	NATHAN LINSCHIED	24	400 YD. I.M. M E N 19-24		17:21.09	NENAD RODIC	26	2:14.19	MARK GWIDT	27	
1:04.29	ARI STRAUSS	22	4:04.34	JOHN KEPPELER	92	17:24.62	DICK CLARKE	28	2:17.33	JASON TIMMONS	29
200 YD. BRST M E N 19-24			4:16.66	TODD RADEL	24	17:46.31	JOHN CASTELLANO	25	2:17.37	MICHAEL INGARDIA	26
2:06.35	TODD RADEL	96	4:19.12	J.ARMSTRONG	21	17:48.01	BRANDON CARTER	26	2:17.43	JEFFREY JOTZ	27
2:07.10	TODD RADEL	24	4:20.13	CHRIS HORNE	24	17:51.25	STEPHEN STONEHAM	26	2:17.53	MIKE RHINEHART	25
2:08.32	ROBERT BUTCHER	24	4:20.29	ERIC NEWTON	24	17:59.82	DAVE ROSS	26	2:18.05	BRIAN HAYES	29
2:10.90	J.ARMSTRONG	21	4:22.35	ROBBERT VAN ANDEL	22	18:27.01	ED OWEN	25	50 YD. FLY M E N 25-29		
2:12.68	CHRIS REDDAM	24	4:29.92	ADRIAN JOHNSON	19	18:37.46	KEITH GAST	27	22.27	COY COBB	91
2:13.97	RANDALL YURCHAK	24	4:31.53	ALAN LIU	24	18:42.51	PAUL FORDYCE	27	22.70	ROBBERT-P SMIT	28
2:15.38	JASON HANSEN	23	4:32.47	JAMES RUGGIERO	24	50 YD. BACK M E N 25-29			22.78	ED WAGNER	25
2:18.95	DALE HUGGINS	24	4:34.83	RICK DZAVIK	24	23.12	MICHAEL KANNER	97	22.98	TROY DALBEY	28
2:21.32	ALAN LIU	24	4:36.18	RANDY TEETERS	22	23.12	MICHAEL KANNER	28	23.04	STEVE REED	28
2:22.59	CHRIS YORK	20	50 YD. FREE M E N 25-29		23.92	DEREK ROBINSON	27	23.20	CURTIS SAWIN	25	
2:22.60	KEVIN DOHERTY	23	19.83	ROBERT PEEL	91	24.67	JEFF WELECHUK	26	23.39	NEILL WILLIAMS	29
2:22.60	NATHAN LINSCHIED	24	20.71	ED WAGNER	25	24.73	MATT SMITH	25	23.44	JON OLSEN	27
50 YD. FLY M E N 19-24			20.91	TROY DALBEY	28	24.77	GREG GOOCH	25	23.49	JON PAUOLE	27
22.64	ED RIDDLE	95	21.09	ROBBERT-PAUL SMIT	28	24.88	CURTIS SAWIN	25	23.51	DEREK ROBINSON	27
22.84	COLE PINNOW	22	21.20	MATT SMITH	25	25.06	DARRELL GLASER	27	23.67	JEFFREY RODDIN	28
23.36	JASON HANSEN	23	21.24	ERIK OSBORN	28	25.12	GARY DEFRANG	26	100 YD. FLY M E N 25-29		
23.81	LEE WANIE	22	21.52	JON TEAL	26	25.18	SCOTT TRIPPS	27	49.71	STUART KNOWLES	91
23.97	CLAYTON THOMPSON	20	21.55	CORY HILLIS	26	25.19	ERIK CRANKSHAW	25	49.75	STEVE REED	28
24.03	ERIC CROSS	24	21.56	JON OLSEN	27	100 YD. BACK M E N 25-29			50.45	ROBBERT-PAUL SMIT	28
24.08	E. PICCININI	24	21.63	BRIAN PERRY	25	49.83	ANDREW GILL	92	50.91	MARCEL RINZLER	26
24.09	JOE TRISTAN	21	21.75	PAUL MCQUAID	26	51.02	MICHAEL KANNER	28	51.26	JEFFREY RODDIN	28
24.14	BRUCE GRETTER	24	100 YD. FREE M E N 25-29		51.87	DEREK ROBINSON	27	51.28	DEREK ROBINSON	27	
24.20	BRANT HASEBE	23	44.39	ROBERT PEEL	91	51.91	JEFF WELECHUK	26	51.29	KARNEY MCNEAR	27
24.46	JUSTIN SLADE	24	46.05	ED WAGNER	25	52.79	MATT SMITH	25	51.30	CURTIS SAWIN	25
100 YD. FLY M E N 19-24			46.66	DAVID FOX	26	53.38	GREG GOOCH	25	51.95	ED WAGNER	25
49.91	BRAD BUNDEY	96	46.90	JON OLSEN	27	53.43	DARRELL GLASER	27	52.22	MATTHEW CERIZO	28
50.58	COLE PINNOW	22	47.07	TROY DALBEY	28	53.60	SIMON PERCY	25	52.40	LANCE HUBER	26
51.26	JASON HANSEN	23	47.10	STEVE REED	28	53.60	STEVE REED	28	200 YD. FLY M E N 25-29		
52.86	BRANT HASEBE	23	47.18	MATT SMITH	25	53.73	SCOTT TRIPPS	27	1:49.21	BOBBY PATTEN	90
53.34	CLAYTON THOMPSON	20	47.35	JEFF WELECHUK	26	54.00	BILL WINTERS	29	1:52.90	KARNEY MCNEAR	27
53.76	J.ARMSTRONG	21	47.36	CURTIS SAWIN	25	200 YD. BACK M E N 25-29			1:53.19	STEVE REED	28
53.82	JOE TRISTAN	21	47.46	PAUL MCQUAID	26	1:48.47	JOHN KEPPELER	95	1:54.98	WILLIAM ZOLNA	27

TOP TEN - SHORT COURSE YARDS

1:55.42 ROBBERT-PAUL SMIT 28	1:46.37 STUART CROMARTY 32	2:00.32 CHRIS STEVENSON 32	51.03 RONALD KARNAUGH 30
1:56.89 MICHAEL SORENSEN 29	1:46.82 STEPHEN LAIRD 31	50 YD. BRST M E N 30-34	54.10 JERRY FRENTSOS 31
1:57.56 KYLE KIMBALL 26	1:47.01 RANDY FRANKE 31	25.88 DAVID LUNDBERG 91	54.45 ERIK KIELIN 32
1:59.01 ABRAHAM SOLANO 27	1:47.42 GERRY RODRIGUES 34	25.98 WALLY DICKS 34	54.57 DANIEL VEATCH 32
1:59.60 DAVID FOX 26	500 YD. FREE M E N 30-34	26.96 CHRIS WEISSMAN 34	54.63 MARK STORI 31
2:00.39 MARCEL RINZLER 26	4:29.49 MATTHEW CETLINSKI 196	27.32 PETER BODEN 30	54.79 CHRIS WEISSMAN 34
2:01.81 JAMES WOLFLE 28	4:29.90 RONALD KARNAUGH 30	27.43 MATTHEW FRENTSOS 34	54.79 ROSS DAVIS 30
100 YD. I.M. M E N 25-29	4:37.04 FRANZ MORTENSEN 33	27.57 DEAN PUTTERMAN 34	54.80 BERT BERGEN 30
50.47 MOOK RHODENBAUGH 91	4:43.32 MIKE SHAFFER 31	27.68 SEAN FRAMPTON 30	55.22 ANDERS RASMUSSEN 33
52.39 MARCEL RINZLER 26	4:47.25 JOHN GATTI 30	27.85 DAVE DOLL 33	55.25 MICHAEL GREEN 33
52.63 NEILL WILLIAMS 29	4:49.97 STEPHEN STAHL 32	27.87 JOHN MURPHY 33	200 YD. I.M. M E N 30-34
53.94 MATTHEW CERIZO 28	4:50.06 GERRY RODRIGUES 34	28.22 BROCK DAVIS 31	1:47.62 RONALD KARNAUGH 97
54.01 ROBBERT-PAUL SMIT 28	4:50.86 JOHN PEARSON 31	28.42 MARK STORI 31	1:47.62 RONALD KARNAUGH 30
54.37 DEREK ROBINSON 27	4:53.59 KEVIN CASSON 30	100 YD. BRST M E N 30-34	1:57.07 DANIEL VEATCH 32
54.47 ERIK CRANKSHAW 25	4:54.10 STUART CROMARTY 32	56.58 DAVID LUNDBERG 91	1:57.80 PATRICK DUGGAN 33
54.50 DAVID FOX 26	4:54.51 STEPHEN LAIRD 31	57.18 WALLY DICKS 34	1:58.08 MICHAEL GREEN 33
54.66 JON OLSEN 27	1000 YD. FREE M E N 30-34	58.81 CHRIS WEISSMAN 34	1:59.32 JOHN GATTI 30
54.68 CORY HILLIS 26	9:34.15 JEFF ERWIN 95	1:00.29 MATTHEW FRENTSOS 34	1:59.45 MARK STORI 31
54.94 ED WAGNER 25	9:54.95 MIKE SHAFFER 31	1:00.43 JOHN MURPHY 33	1:59.71 CHRIS WEISSMAN 34
200 YD. I.M. M E N 25-29	10:01.13 FRANZ MORTENSEN 33	1:00.74 SEAN FRAMPTON 30	2:00.78 BERT BERGEN 30
1:52.02 JAN BIDRMAN 95	10:05.98 GERRY RODRIGUES 34	1:01.14 PATRICK DUGGAN 33	2:01.42 ERIK KIELIN 33
1:58.00 MARCEL RINZLER 25	10:10.93 MICHAEL COLLINS 31	1:01.20 DAVE DOLL 33	2:01.59 ANDREW PULSIFER 31
1:58.31 RICHARD TOOTHILL 27	10:18.12 DENNIS TESCH 31	1:01.43 DEAN PUTTERMAN 34	400 YD. I.M. M E N 30-34
1:58.82 ERIK CRANKSHAW 25	10:21.38 JOHN PEARSON 31	1:01.71 MARK STORI 31	3:53.81 RONALD KARNAUGH 97
1:59.13 KYLE KIMBALL 26	10:22.29 TIMOTHY NELSON 31	1:02.41 HARDY LUSSIER 31	3:53.81 RONALD KARNAUGH 30
1:59.13 NEILL WILLIAMS 29	10:23.09 JOE VRUDNY 32	200 YD. BRST M E N 30-34	4:11.16 JERRY FRENTSOS 31
1:59.14 JEFFREY RODDIN 28	10:24.95 CHRIS MCGIFFIN 31	2:01.01 RONALD KARNAUGH 97	4:17.00 PATRICK DUGGAN 33
2:00.46 WILLIAM ZOLNA 27	10:27.67 AL JAEGER 34	2:01.01 RONALD KARNAUGH 30	4:17.55 ANDREW PULSIFER 31
2:00.52 BILL WINTERS 29	1650 YD. FREE M E N 30-34	2:09.59 CHRIS WEISSMAN 34	4:18.20 MARK STORI 31
2:00.89 BRIAN FOLEY 25	15:51.57 JEFF ERWIN 96	2:12.32 PATRICK DUGGAN 33	4:18.98 DAVE SWENSON 33
2:01.36 DARRELL GLASER 26	16:16.87 DANIEL VEATCH 31	2:14.38 MATTHEW FRENTSOS 34	4:20.03 JOHN GATTI 30
400 YD. I.M. M E N 25-29	16:19.36 MIKE SHAFFER 31	2:14.92 WALLY DICKS 34	4:22.56 GERRY RODRIGUES 34
3:59.73 CAMERON REID 88	16:35.37 BOBBY PATTEN 34	2:15.06 JOHN MURPHY 33	4:22.71 JOHN PEARSON 31
4:11.49 KYLE KIMBALL 26	16:54.13 JOHN PEARSON 31	2:16.10 DAVE DOLL 33	4:23.81 JOE VRUDNY 32
4:15.26 MARCEL RINZLER 25	17:16.24 DAVE SWENSON 33	2:18.33 NIEL FISCHER 32	50 YD. FREE M E N 35-39
4:16.75 ABRAHAM SOLANO 27	17:22.42 JOE VRUDNY 32	2:19.19 JAMES AIRD 30	20.73 KEVIN DEFORREST 94
4:18.01 WILLIAM ZOLNA 27	17:28.28 JOHN GATTI 30	2:19.22 ANDREW LOVAN 30	21.13 DAVID BOATWRIGHT 35
4:18.89 MATTHEW KINNEY 27	17:29.27 CHRIS MCGIFFIN 31	50 YD. FLY M E N 30-34	21.48 MATT WOOD 36
4:19.17 RICHARD TOOTHILL 27	17:31.43 MICHAEL COLLINS 31	22.52 STEPHEN CROCKER 96	21.68 JOE REINHARDT 35
4:23.58 MATTHEW GRAY 26	17:36.59 ROBERT HUDEK 34	23.20 MARK NOETZEL 34	21.78 JAMES LILLEY 37
4:24.34 JAY O'CONNOR 28	50 YD. BACK M E N 30-34	23.41 MATT JONES 31	21.82 DONALD JENNINGS 36
4:25.25 MARK GWDIT 27	23.39 CLAY BRITT 92	23.67 SCOTT MCCADAM 32	21.96 TOM REDIG 35
4:25.46 GREG GOOCH 25	24.41 ROBERT HAUCK 31	23.78 BOBBY PATTEN 34	22.02 DEAN PUTTERMAN 35
50 YD. FREE M E N 30-34	24.92 JERRY FRENTSOS 31	23.90 MIKE SHAFFER 31	22.09 J CLAY BRITT 36
20.15 ADAM SCHMITT 97	25.07 ANDERS RASMUSSEN 33	24.03 ANDERS RASMUSSEN 33	22.17 TOM MCCABE 39
20.15 ADAM SCHMITT 31	25.16 MIKE GONZALES 30	24.07 ERIK KIELIN 33	22.23 STEVE GEORGE 37
20.73 MARK NOETZEL 34	25.68 TOM NORTHCUTT 31	24.10 ROSS DAVIS 30	100 YD. FREE M E N 35-39
20.94 FRANZ MORTENSEN 33	25.84 RICK SHINNICK 30	24.28 DAVID DEPPELER 32	46.14 DAVID BOATWRIGHT 97
21.39 SCOTT MCCADAM 32	25.96 DAVID KASTIGAR 32	24.39 GAVIN HOLLES 30	46.14 DAVID BOATWRIGHT 35
21.40 PATRICK HAYES 33	26.02 MIKE BROWN 33	100 YD. FLY M E N 30-34	47.54 JOE REINHARDT 35
21.41 BERT BERGEN 30	26.18 ANDREW PULSIFER 30	49.16 PETER EGAN 94	47.68 JAMES LILLEY 37
21.55 MATT JONES 31	26.29 TIM VELASCO 30	51.14 PETER EGAN 32	47.72 DONALD JENNINGS 36
21.76 STEPHEN STAHL 32	100 YD. BACK M E N 30-34	51.48 MIKE SHAFFER 31	47.91 TOM REDIG 35
21.81 ROSS DAVIS 30	50.21 CLAY BRITT 92	51.82 MATT JONES 31	47.96 PETER NUNAN 39
22.00 KEVIN UY 31	52.33 ROBERT HAUCK 31	51.89 ROSS DAVIS 30	48.10 DAVID WILLIAMS 36
100 YD. FREE M E N 30-34	53.92 JERRY FRENTSOS 31	51.92 BOBBY PATTEN 34	49.12 HOLDEN BANK 37
44.94 ADAM SCHMITT 97	54.17 ANDERS RASMUSSEN 33	51.97 ROBERT HAUCK 31	49.19 JEFFREY PEARSON 37
44.94 ADAM SCHMITT 31	54.19 ANDREW PULSIFER 31	52.38 ERIK KIELIN 33	49.25 MATT WOOD 36
45.56 FRANZ MORTENSEN 33	54.22 CHRIS STEVENSON 32	52.73 DAVID DEPPELER 32	200 YD. FREE M E N 35-39
45.72 MARK NOETZEL 34	54.44 ROSS DAVIS 30	52.77 FRED SCHUSTER 33	1:42.78 JAMES MONTGOMERY 90
47.23 MICHAEL GREEN 33	54.64 MIKE GONZALES 30	53.27 RICK SHINNICK 30	1:43.30 DAVID BOATWRIGHT 35
47.49 SCOTT MCCADAM 32	54.66 DAVID KASTIGAR 32	200 YD. FLY M E N 30-34	1:43.36 JEFF STILING 36
47.77 MATT JONES 31	55.07 RICHARD PEASE 31	1:49.52 PETER EGAN 94	1:45.13 JAMES LILLEY 37
47.94 BERT BERGEN 30	55.11 KELLEY ALLEN 33	1:52.55 MIKE SHAFFER 31	1:46.49 DAVID WILLIAMS 36
48.15 STEPHEN STAHL 32	200 YD. BACK M E N 30-34	1:54.42 JOHN GATTI 30	1:47.49 JOHN SPAID 37
48.31 PATRICK HAYES 33	1:48.66 RONALD KARNAUGH 97	1:55.62 BOBBY PATTEN 34	1:48.24 MIKE KECK 37
48.35 BRUCE HAYES 34	1:48.66 RONALD KARNAUGH 30	1:57.57 OLEG LITVINOV 30	1:48.74 TED SOLTYS 36
200 YD. FREE M E N 30-34	1:52.60 ROBERT HAUCK 31	1:57.69 ROBERT HAUCK 31	1:48.98 HOLDEN BANK 37
1:39.59 FRANZ MORTENSEN 97	1:55.20 JERRY FRENTSOS 31	1:58.39 IGOR VAZHENIN 33	1:49.20 ANDREAS SEIBT 38
1:39.59 FRANZ MORTENSEN 33	1:56.19 DANIEL VEATCH 32	1:58.99 THOMAS LILEIKIS 30	1:49.52 AVERY KINTNER 35
1:39.70 RONALD KARNAUGH 30	1:58.69 ANDREW PULSIFER 31	1:59.88 FRED SCHUSTER 33	500 YD. FREE M E N 35-39
1:43.61 MIKE SHAFFER 31	1:58.98 RICHARD PEASE 31	2:00.21 GERRY RODRIGUES 34	4:41.53 HESS YNTEMA 91
1:44.73 STEPHEN STAHL 32	1:59.61 PATRICK DUGGAN 33	2:00.65 PATRICK DUGGAN 33	4:43.56 JEFF STILING 36
1:46.00 JERRY FRENTSOS 31	1:59.79 MIKE GONZALES 30	100 YD. I.M. M E N 30-34	4:51.42 ROBERT PLACAK 38
1:46.31 IGOR VAZHENIN 33	1:59.81 DAVID KASTIGAR 32	50.98 DAVID LUNDBERG 91	4:52.66 MIKE KECK 37

TOP TEN - SHORT COURSE YARDS

4:53.71 JAMES LILLEY 37	28.11 MICHAEL HAMM 39	56.45 GREG OXLEY 38	10:30.73 ALAN CARDWELL 44
4:54.66 AVERY KINTNER 35	28.17 GREG OXLEY 38	200 YD. I.M. M E N 35-39	10:32.20 LARRY WOOD 43
4:54.85 JOHN SPAID 37	28.22 BENN DOYLE 38	1:57.44 MIKE DREWS 91	10:39.27 STEVE SUSSEX 41
4:57.42 JEFFRY PEARSON 37	28.28 STEPHEN RODE 39	1:58.53 J CLAY BRITT 36	10:40.89 JAMES STEWART 40
5:00.48 WILLIAM SPECHT 38	100 YD. BRST M E N 35-39	1:58.96 JEFF STILING 36	10:41.49 NED MAGGIORA 42
5:01.19 JAMES BARBER 37	59.07 MARK SCHUMAN 91	2:01.40 BRIAN KELCA 36	10:44.91 ROB COPELAND 40
5:02.74 JEFFREY CROSSON 35	59.67 DEAN PUTTERMAN 35	2:01.58 DAVID SANTOS 38	10:46.37 PAUL WINDRATH 43
1000 YD. FREE M E N 35-39	1:00.26 RON SCHAFFER 39	2:01.67 TOM REDIG 35	10:48.71 JERRY DEMURO 41
9:53.91 MIKE KECK 96	1:00.95 GARY PATTERSON 37	2:01.91 ROB LONG 36	10:51.38 DAVID LEWIS 40
10:07.65 MIKE KECK 37	1:01.04 MORI PAULSEN 39	2:02.29 MIKE KECK 37	10:51.71 DAVID SCHRADER 41
10:21.84 JOHN SPAID 37	1:01.26 HOLDEN BANK 37	2:02.80 PAUL FRENTSOS 35	1650 YD. FREE M E N 40-44
10:25.31 DOUGLAS ASBURY 37	1:01.29 GREG OXLEY 38	2:03.03 HOLDEN BANK 37	16:18.14 HESS YNTEMA 94
10:27.35 JEFFRY PEARSON 37	1:01.66 ROB LONG 36	2:03.64 TIM CESPEDES 37	16:41.02 JOHN WESTON 40
10:31.53 JEFFREY CROSSON 35	1:02.08 STEPHEN RODE 39	400 YD. I.M. M E N 35-39	17:43.62 JAMES STEWART 40
10:31.54 JACK STAVROS 37	1:02.09 DAVID GUTHRIE 36	4:12.83 JEFF STILING 97	17:50.64 NED MAGGIORA 42
10:39.93 ANDRIAS SEIBT 39	1:02.12 MICHAEL HAMM 39	4:12.83 JEFF STILING 36	17:55.65 NEIL WASSERMAN 42
10:42.69 PHILIP HAYMAN 35	200 YD. BRST M E N 35-39	4:23.10 STEVEN VELA 36	17:57.92 ROB COPELAND 40
10:45.07 JIM CALLAHAN 39	2:10.41 MARK SCHUMAN 91	4:23.35 MIKE KECK 37	18:02.35 GREGORY JOHNSON 40
10:45.18 JAMES LILLEY 36	2:10.70 RON SCHAFFER 39	4:29.17 ANDREAS SEIBT 39	18:09.51 JERRY DEMURO 41
1650 YD. FREE M E N 35-39	2:11.78 ROB LONG 36	4:30.19 PAUL FRENTSOS 35	18:10.27 JOHN DOUGHERTY 40
16:21.14 HESS YNTEMA 91	2:13.91 BRIAN KELCA 36	4:33.00 CHRIS ROTH 38	18:15.97 LARRY WOOD 43
17:13.06 ROBERT PLACAK 37	2:15.62 BENN DOYLE 38	4:34.32 DOUG PORTELANCE 38	18:17.11 PERRY LANGE 41
17:19.34 SCOTT SHAKE 39	2:16.20 MORI PAULSEN 39	4:34.34 GREGORY DOZER 39	50 YD. BACK M E N 40-44
17:25.92 JAMES BARBER 37	2:17.11 DANIEL ALLEN 35	4:36.29 DANIEL ALLEN 35	24.59 CRAIG SCHWARTZ 96
17:28.06 MIKE KECK 37	2:17.28 MICHAEL CASCIATO 37	4:36.54 SCOTT RABALAIS 38	25.56 STU MARVIN 41
17:28.66 STEVEN WRIGHT 36	2:17.91 PAT ALLENDER 38	50 YD. FREE M E N 40-44	25.77 PAUL WINDRATH 43
17:31.75 DOUGLAS ASBURY 37	2:18.07 MICHAEL HAMM 39	21.55 STU MARVIN 97	26.02 TOM WOLF 42
17:32.13 GARY QUINN 39	2:18.41 J.KOCHENDORFER 36	21.55 STU MARVIN 41	26.46 RALPH DIXON 40
17:35.01 AVERY KINTNER 35	50 YD. FLY M E N 35-39	21.71 CHARLES NORELLI 41	26.55 PETER METZGER 41
17:35.81 SCOTT RABALAIS 38	22.93 SPECHT/DEFORREST 94	21.93 GARY SCHATZ 42	26.70 DOUGLAS MCNEIL 40
17:38.10 DAVID BREWTON 38	23.03 WILLIAM SPECHT 39	21.94 RICHARD HESS 42	26.74 DALE KEITH 42
50 YD. BACK M E N 35-39	23.79 BRIAN KELCA 36	21.99 RICK ABBOTT 42	26.75 VINCENT MORALES 40
23.75 CLAY BRITT 96	23.88 TOM REDIG 35	22.38 TRIP HEDRICK 43	26.82 RICK ABBOTT 42
23.82 J CLAY BRITT 36	23.96 DAVID GIBSON 36	22.40 RICK HOFSTETTER 40	26.88 MARK PUGLIESE 44
24.92 WILLIAM SPECHT 38	23.99 MATT WOOD 36	22.40 JACK GROSELLE 42	100 YD. BACK M E N 40-44
25.44 DONALD JENNINGS 36	24.07 J CLAY BRITT 36	22.42 NATE LEIGH 41	52.58 CRAIG SCHWARTZ 96
25.46 JOE REINHARDT 35	24.17 PAUL FRENTSOS 35	22.50 MIKE MCINTYRE 43	55.31 TOM WOLF 42
25.55 JAMES BALLARD 39	24.28 TED SOLTYS 36	100 YD. FREE M E N 40-44	56.09 MARK LIST 40
25.56 PETER DARDARIS 38	24.32 JAMES LILLEY 37	47.23 STU MARVIN 97	56.72 STU MARVIN 41
25.63 MIKE FRAZER 36	24.33 DEAN PUTTERMAN 35	47.23 STU MARVIN 41	57.06 PAUL WINDRATH 43
25.95 PAUL FRENTSOS 35	100 YD. FLY M E N 35-39	47.69 JACK GROSELLE 42	57.08 MIKE MCINTYRE 43
25.99 DAVID GIBSON 36	50.08 WILLIAM SPECHT 95	48.01 CHARLES NORELLI 41	57.69 RALPH DIXON 40
26.15 DAVID MALSBUURY 35	50.65 WILLIAM SPECHT 39	48.30 RICHARD HESS 42	58.32 VINCENT MORALES 40
100 YD. BACK M E N 35-39	51.63 BRIAN KELCA 36	48.33 NATE LEIGH 41	58.41 JEFF PEROUT 44
51.03 CLAY BRITT 96	52.45 STEVEN VELA 36	48.55 RICK ABBOTT 42	58.45 MARK PUGLIESE 44
51.09 J CLAY BRITT 36	52.82 DAVID GIBSON 36	48.70 DAN STEPHENSON 40	58.54 PETER METZGER 41
52.88 WILLIAM SPECHT 39	53.02 DONALD JENNINGS 36	49.09 JOHN WESTON 40	200 YD. BACK M E N 40-44
54.06 JOE REINHARDT 35	53.26 ROBERT PLACAK 38	49.10 SPENCER ELDRED 40	1:58.16 CRAIG SCHWARTZ 96
54.47 MIKE FRAZER 36	53.27 MATT WOOD 36	49.12 TRIP HEDRICK 43	2:02.18 TOM WOLF 42
54.49 DONALD JENNINGS 36	53.52 PAUL FRENTSOS 35	200 YD. FREE M E N 40-44	2:04.02 PAUL WINDRATH 43
54.87 STEVE GEORGE 37	53.58 JEFF STILING 36	1:44.48 STU MARVIN 97	2:05.24 TOM REUDY 42
55.26 JAMES BALLARD 39	54.03 JASON CRIST 35	1:44.48 STU MARVIN 41	2:06.67 VINCENT MORALES 40
55.38 PETER DARDARIS 38	200 YD. FLY M E N 35-39	1:47.06 JOHN WESTON 40	2:08.71 GREGORY JOHNSON 40
55.56 SCOTT SHAKE 39	1:51.38 WILLIAM SPECHT 95	1:47.75 JACK GROSELLE 42	2:08.82 BRUCE HATTON 40
55.83 DAVID GIBSON 36	1:51.85 WILLIAM SPECHT 39	1:48.63 SPENCER ELDRED 40	2:09.26 MARK PUGLIESE 44
200 YD. BACK M E N 35-39	1:58.69 BRIAN KELCA 36	1:48.66 RICK ABBOTT 42	2:09.97 KENT FORD 43
1:53.30 CLAY BRITT 96	2:00.92 DANIEL SULLIVAN 36	1:49.15 NATE LEIGH 41	2:09.98 JOHN ZELL 40
1:53.43 J CLAY BRITT 36	2:01.28 DOUG WILLIAMSON 35	1:49.80 TOM REUDY 42	2:10.39 SCOTT MCMILLEN 43
1:55.77 WILLIAM SPECHT 38	2:01.31 STEVEN VELA 36	1:49.99 DAN STEPHENSON 40	50 YD. BRST M E N 40-44
1:58.26 MIKE FRAZER 36	2:02.27 CHRIS ROTH 38	1:50.82 LARRY WOOD 43	26.75 RICK HOFSTETTER 97
1:59.06 JOE REINHARDT 35	2:02.59 KERRY O'BRIEN 39	1:51.11 JEFF PEROUT 44	26.75 RICK HOFSTETTER 40
1:59.58 STEVE GEORGE 37	2:03.34 JASON CRIST 35	500 YD. FREE M E N 40-44	27.08 BRUCE HOWELL 40
2:00.48 SCOTT SHAKE 39	2:03.81 MIKE KECK 37	4:46.59 JIM MCCONICA 94	27.90 SPENCER ELDRED 40
2:00.65 DOUG PORTELANCE 38	2:05.15 SCOTT BEGIN 39	4:47.94 JOHN WESTON 40	27.91 JACK GROSELLE 42
2:02.15 THOMAS DAVIS 39	100 YD. I.M. M E N 35-39	4:51.37 NATE LEIGH 41	28.39 RUSSELL MARSH 41
2:02.26 PETER DARDARIS 38	52.79 ROBERT PLACAK 94	4:59.09 DAN STEPHENSON 40	28.45 JOSEPH MAGIERA 40
2:03.27 JOHN MONTESI 36	54.29 JAMES LILLEY 37	5:01.58 ALAN CARDWELL 44	28.79 DOUG MALCOLM 40
50 YD. BRST M E N 35-39	54.86 JOE REINHARDT 35	5:04.67 SANDY MAC DONALD 41	28.94 STUART COLLISS 40
26.39 DEAN PUTTERMAN 97	55.26 TOM REDIG 35	5:04.94 LARRY WOOD 43	29.00 DEAN EKBERG 41
26.39 DEAN PUTTERMAN 35	55.38 JEFF STILING 36	5:05.02 KERRY O'BRIEN 40	29.45 JOSE CUNNINGHAM 40
27.55 HOLDEN BANK 37	55.43 HOLDEN BANK 37	5:07.77 NED MAGGIORA 42	100 YD. BRST M E N 40-44
27.96 GARY PATTERSON 37	55.45 BRIAN KELCA 36	5:08.27 DAVID LEWIS 40	59.40 C MILTENBERGER 93
28.00 MORI PAULSEN 39	56.10 DAVID GIBSON 36	5:08.77 NEIL WASSERMAN 41	59.83 RICK HOFSTETTER 40
28.08 RON SCHAFFER 39	56.21 STEVE GEORGE 37	1000 YD. FREE M E N 40-44	1:01.11 BRUCE HOWELL 40
28.10 JOSE LANDRUA 37	56.42 TIM CESPEDES 37	9:47.73 HESS YNTEMA 94	1:01.23 SPENCER ELDRED 40

TOP TEN - SHORT COURSE YARDS

1:02.15 JOSEPH MAGIERA 40	2:08.20 RICHARD GARRETT 43	11:32.19 WILLIAM DORNEY 49	2:15.89 ROBERT STRAND 94
1:02.28 STUART CORLISS 41	2:08.25 DONALD GILCHRIST 43	1650 YD. FREE M E N 45-49	2:16.54 RICK COLELLA 45
1:03.43 JACK GROSELLE 42	2:08.77 MIKE MCINTYRE 43	17:12.43 JIM MCCONICA 96	2:19.32 GREGORY HARRISON 45
1:04.18 RUSSELL MARSH 41	2:08.97 MATTHEW KANZLER 40	17:24.48 TODD BRYAN 46	2:21.47 LEE MACDONALD 45
1:04.29 MARC KELLY 42	400 YD. I.M. M E N 40-44	17:47.22 JIM MC CONICA 45	2:25.18 MAL JESTER 48
1:04.85 JOSE CUNNINGHAM 40	4:20.57 CLAY EVANS 94	17:54.47 R. TOD SPIEKER 48	2:25.34 JIM CAPERS 45
1:05.18 FRED WICH 40	4:24.39 TOM REUDY 42	18:31.14 FRANK THOMPSON 45	2:25.63 DON MC KENZIE 49
200 YD. BRST M E N 40-44	4:30.87 STUART CORLISS 41	18:38.80 KEITH BELL 48	2:26.27 DANIEL ROGACKI 49
2:12.85 RICK COLELLA 92	4:31.16 NEIL WASSERMAN 42	18:48.21 BILL DARBY 49	2:26.75 GEORGE WENDT 49
2:14.89 SPENCER ELDRED 40	4:31.18 DONALD GILCHRIST 43	18:52.38 WILLIAM PENN 45	2:26.85 ROBERT WHITLEY 47
2:16.49 STUART CORLISS 41	4:31.89 MATTHEW KANZLER 40	18:53.38 STEPHEN JOHNSON 49	2:27.60 STEVEN HECK 47
2:16.91 MATTHEW KANZLER 40	4:33.40 TOM WOLF 42	19:06.74 JOEL WILSON 48	50 YD. FLY M E N 45-49
2:17.30 TOM REUDY 42	4:33.82 BRUCE HATTON 40	19:18.04 RICK WALKER 46	24.05 DAN THOMPSON 94
2:18.90 RICK HOFSTETTER 40	4:38.39 NED MAGGIORA 42	19:18.04 JOHN NOLAN 48	24.26 TOM PERRIN 46
2:19.49 JOSEPH MAGIERA 40	4:38.45 STEVEN HAUFLE 44	50 YD. BACK M E N 45-49	25.45 ANDREW MC PHERSON 49
2:21.85 MARC KELLY 42	4:41.32 SCOTT MCMILLEN 43	25.65 ROBERT SMITH 88	25.45 BRAD PENCE 45
2:24.44 DONALD GILCHRIST 43	50 YD. FREE M E N 45-49	26.33 PETER O'KEEFFE 46	25.46 FRED SCHLICHER 48
2:25.42 STEVEN HAUFLE 44	21.87 RICHARD ABRAHAMS 90	26.52 DICK THOMAS 49	25.54 JOHN DERR 48
2:25.52 RANDY PHILPOT 42	22.61 LAWRENCE SHULMAN 47	26.88 TIMOTHY HUESKEN 45	25.55 DICK THOMAS 49
50 YD. FLY M E N 40-44	22.89 DANIEL ROGACKI 49	27.24 ANDREW MC PHERSON 49	25.58 JOHN MCCALL 45
23.57 RICHARD HESS 97	23.04 ROBERT WHITLEY 47	27.41 HUGH WILDER 49	25.66 STEVE BOSTER 46
23.57 RICHARD HESS 42	23.05 ANDREW MC PHERSON 49	27.65 GARY HAFER 46	25.69 DANIEL ROGACKI 49
23.90 CHARLES NORELLI 41	23.05 PETER O'KEEFFE 46	27.68 R. TOD SPIEKER 48	25.78 STEVEN HECK 47
24.17 TRIP HEDRICK 43	23.09 TOM PERRIN 46	27.70 STEVEN HECK 46	100 YD. FLY M E N 45-49
24.26 JAMES BELARDI 40	23.28 WILLIAM DRULIAS 45	27.71 WILLIAM TINGLEY 46	54.27 MARTIN HULL 89
24.47 DAVID HAGUE 43	23.30 BOO GRANER GALLAS 49	27.78 RONALD JACOBS 45	54.45 TOM PERRIN 46
24.64 BRUCE HOWELL 40	23.48 RANDY SIMONS 48	100 YD. BACK M E N 45-49	54.62 FRED SCHLICHER 48
24.67 JACK GROSELLE 42	23.59 ROBERT PUELS 45	56.14 ROBERT SMITH 88	56.48 STEVE BOSTER 46
24.68 KEVIN MCCORMACK 44	100 YD. FREE M E N 45-49	58.25 DICK THOMAS 49	56.82 BOO GRANER GALLAS 49
24.69 FREDERICK EHMKE 42	48.13 ANDREW MCPHERSON 92	58.78 TIMOTHY HUESKEN 45	57.34 BRAD PENCE 45
24.70 RICK ABBOTT 42	50.18 WILLIAM DRULIAS 45	59.07 DANIEL ROGACKI 49	57.36 JOHN MCCALL 45
100 YD. FLY M E N 40-44	50.36 TOM PERRIN 46	59.12 PETER O'KEEFFE 46	57.68 DAVID TANNER 47
51.89 CHARLES NORELLI 96	50.93 TIM BRODERICK 46	59.20 HUGH WILDER 49	57.89 JOHN DERR 48
52.31 CHARLES NORELLI 41	51.28 ROBERT WHITLEY 47	59.50 R. TOD SPIEKER 48	57.97 DICK THOMAS 49
52.35 JAMES BELARDI 40	51.49 DANIEL ROGACKI 49	1:00.51 KURT MOEHLMANN 45	58.03 STEVE HECK 47
52.69 RICHARD HESS 42	51.70 CHARLES YOURD 45	1:00.67 GARY HAFER 46	200 YD. FLY M E N 45-49
53.75 STUART CORLISS 41	51.95 LEONARD BROCKHAHN 46	1:00.91 STEVEN HECK 47	2:02.53 FRED SCHLICHER 97
54.08 TRIP HEDRICK 43	52.24 HOMER LANE 47	1:01.53 STEVE MANN 45	2:02.53 FRED SCHLICHER 48
54.17 JIM O'CONNOR 43	52.30 STEVE HECK 47	200 YD. BACK M E N 45-49	2:04.58 RICK COLELLA 45
54.24 KERRY O'BRIEN 40	52.46 RICHARD GREEN 45	2:02.18 PETER O'KEEFE 96	2:08.43 BOO GRANER GALLAS 49
54.29 RICK ABBOTT 42	200 YD. FREE M E N 45-49	2:08.63 R. TOD SPIEKER 48	2:09.21 DAVID TANNER 47
55.42 DAVID BARNES 41	1:47.93 TIM BRODERICK 96	2:08.95 TIMOTHY HUESKEN 45	2:11.58 KEITH BELL 48
55.49 DAN STEPHENSON 40	1:49.34 TIM BRODERICK 46	2:11.65 FRANK THOMPSON 45	2:13.23 STEVE BOSTER 46
200 YD. FLY M E N 40-44	1:50.83 FRED SCHLICHER 48	2:12.86 KURT MOEHLMANN 45	2:15.50 JOHN MCCALL 45
1:55.26 HESS YNTEMA 94	1:51.98 JIM MC CONICA 46	2:14.74 HUGH WILDER 49	2:18.18 DAVID LEVINSON 47
1:56.93 JAMES BELARDI 40	1:52.21 LEONARD BROCKHAHN 46	2:15.30 JOHN COLLINS 45	2:18.23 BRAD PENCE 45
2:00.42 CHARLES NORELLI 41	1:52.40 TOM PERRIN 46	2:15.30 RONALD JACOBS 45	2:19.30 WILLIAM PENN 45
2:01.21 KERRY O'BRIEN 40	1:53.90 CHARLES YOURD 45	2:16.18 BOB KOLONKOWSKI 49	100 YD. I.M. M E N 45-49
2:03.11 JIM O'CONNOR 43	1:55.08 RICK COLELLA 45	2:16.65 DANIEL ROGACKI 49	56.23 ROBERT SMITH 88
2:04.77 DONALD GILCHRIST 43	1:55.20 STEVE HECK 47	2:16.98 RICHARD GREEN 45	57.60 TOM PERRIN 46
2:04.98 MATTHEW KANZLER 40	1:56.09 KEITH BELL 48	50 YD. BRST M E N 45-49	57.94 RICK COLELLA 45
2:06.13 JOHN CRAIG 42	1:56.26 WILLIAM DRULIAS 45	28.12 PAUL HENNE 94	58.40 DANIEL ROGACKI 49
2:07.05 TERRY JAYNES 41	500 YD. FREE M E N 45-49	29.21 DON MC KENZIE 49	58.59 LEE MACDONALD 45
2:07.59 NED MAGGIORA 42	4:56.25 TIM BRODERICK 97	29.21 ROBERT PUELS 45	59.13 ANDREW MC PHERSON 49
2:08.54 NEIL WASSERMAN 42	4:56.25 TIM BRODERICK 46	29.36 WAYNE MCCAULEY 48	59.19 STEVEN HECK 46
100 YD. I.M. M E N 40-44	5:02.42 JIM MC CONICA 46	29.41 DANIEL ROGACKI 49	59.40 PETER O'KEEFFE 46
54.88 CLAY EVANS 94	5:05.81 FRED SCHLICHER 48	29.68 LEE MACDONALD 45	59.66 ROBERT PUELS 45
56.02 SPENCER ELDRED 40	5:07.69 R. TOD SPIEKER 48	29.69 JIM CAPERS 45	1:00.29 PETER WISNER 49
56.12 STU MARVIN 41	5:12.37 LEONARD BROCKHAHN 46	29.87 ROBERT WHITLEY 47	1:00.31 DICK THOMAS 49
56.22 TRIP HEDRICK 43	5:16.90 DAVID TANAGLIA 45	29.98 MAL JESTER 48	200 YD. I.M. M E N 45-49
56.28 TOM REUDY 42	5:17.28 FRANK THOMPSON 45	29.99 SCOTT SCHLIEMAN 45	2:03.80 ANDREW MCPHERSON 94
56.30 RICHARD HESS 42	5:20.71 KEITH BELL 48	30.43 STEVEN HECK 46	2:08.56 TOM PERRIN 46
56.90 JACK GROSELLE 42	5:21.81 LEO FRENCH 49	100 YD. BRST M E N 45-49	2:08.62 LEE MACDONALD 45
56.91 RICK ABBOTT 42	5:22.13 STEVEN HECK 47	1:01.92 ROBERT STRAND 95	2:10.01 STEVEN HECK 47
57.46 DAVID BARNES 41	1000 YD. FREE M E N 45-49	1:03.04 RICK COLELLA 45	2:10.41 TIMOTHY HUESKEN 45
57.86 TOM WOLF 42	10:18.11 TIM BRODERICK 96	1:04.08 DON MC KENZIE 49	2:11.13 CHARLES YOURD 45
58.08 RICK HOFSTETTER 40	10:20.11 JIM MC CONICA 46	1:04.78 JIM CAPERS 45	2:12.01 CHUCK FISCHER 45
200 YD. I.M. M E N 40-44	10:30.62 R. TOD SPIEKER 48	1:05.10 ROBERT PUELS 45	2:12.90 MICHAEL PENDLETON 45
2:00.49 CLAY EVANS 94	10:52.88 FRANK THOMPSON 45	1:05.17 LEE MACDONALD 45	2:13.31 DANIEL ROGACKI 49
2:01.50 TOM REUDY 42	11:11.04 KEITH BELL 48	1:05.53 ROBERT WHITLEY 47	2:13.68 MAL JESTER 48
2:01.79 SPENCER ELDRED 40	11:11.87 BILL DARBY 49	1:05.82 DANIEL ROGACKI 49	2:14.14 DAVID TANAGLIA 45
2:05.31 TOM WOLF 42	11:12.22 WILLIAM PENN 45	1:05.86 GREGORY HARRISON 45	400 YD. I.M. M E N 45-49
2:05.34 JAMES BELARDI 40	11:12.90 GAARD ARNESON 49	1:05.99 SCOTT SCHLIEMAN 45	4:26.93 RICK COLELLA 97
2:05.59 STUART CORLISS 41	11:17.15 JOHN MCSHANE 45	1:06.66 MAL JESTER 48	4:26.93 RICK COLELLA 45
2:06.18 BRUCE HOWELL 40	11:21.68 STEPHEN JOHNSON 49	200 YD. BRST M E N 45-49	4:38.43 LEE MACDONALD 45

TOP TEN - SHORT COURSE YARDS

4:40.63	CHARLES YOURD	45	19:39.14	TIM GRIFFIN	53	2:35.09	GARY FITSCHEN	51	23.41	DONALD HILL	87
4:42.68	R. TOD SPIEKER	48	19:42.68	JAMES MCCLEERY	51	2:35.40	STEVEN PETERSON	50	23.62	JACK GEOGHEGAN	55
4:46.23	STEVE HECK	47	20:04.86	RICHARD SMITH	51	50 YD. FLY M E N 50-54			24.31	BRUCE CLARK	55
4:46.74	GEORGE WENDT	49	20:56.90	BILL ARTHUR	51	25.13	JOEL BURNS	97	24.35	RICHARD BASSI	56
4:48.21	TIMOTHY HUESKEN	45	20:57.89	JOHN MORLEY	52	25.13	JOEL BURNS	51	24.85	MICHAEL MEALIFFE	56
4:49.87	DAVID LEVINSON	47	50 YD. BACK M E N 50-54		25.61	KEEFE LODWIG	53	24.96	TOM ANGELL	57	
4:50.47	KEITH BELL	48	26.24	ROBERT SMITH	93	25.89	ANDREW MC PHERSON	50	25.48	MIKE LAUX	55
4:50.82	MAL JESTER	48	26.37	ROBERT SMITH	53	25.96	STEVE CLARK	53	25.49	MIKE FRESHLEY	56
50 YD. FREE M E N 50-54			26.51	TIM BIRNIE	51	26.25	MICHAEL SLENKER	50	25.63	JERRY CLARK	59
22.73	ANDREW MCPHERSON	97	27.12	ANDREW MC PHERSON	50	26.34	JOHN PHILLIPS	50	25.81	MATT CHROSTOWSKI	55
22.73	ANDREW MCPHERSON	50	27.64	JOHN PHILLIPS	50	26.34	CHRIS OSTROM	51	26.13	ORRIN NORDSTROM	56
22.91	STEVE CLARK	53	28.20	RICHARD BURNS	53	26.53	ROBERT SMITH	53	100 YD. FREE M E N 55-59		
23.16	KEEFE LODWIG	53	28.27	STEVE CLARK	53	26.75	JAMES WHITE	54	51.43	JACK GEOGHEGAN	97
23.49	ROBERT SMITH	53	28.46	GREG NASH	51	26.77	JOHN FLANAGAN	51	51.43	JACK GEOGHEGAN	55
23.53	ROBERT STRAND	51	28.51	EDWARD MATHEWSON	50	100 YD. FLY M E N 50-54			52.98	BRUCE CLARK	55
23.90	RICH ABRAHAMS	51	28.88	JAMES BEGLINGER	50	55.40	ANDREW MCPHERSON	97	55.54	MIKE FRESHLEY	56
24.11	MICHAEL SLENKER	50	29.06	EDWARD CAZALET	54	55.40	ANDREW MCPHERSON	50	56.09	RICHARD BASSI	56
24.12	ROBERT CASEY	52	100 YD. BACK M E N 50-54		56.43	JOEL BURNS	51	56.13	JERRY CLARK	59	
24.12	D. CRAIG DENNIS	51	57.57	TIM BIRNIE	97	56.99	NICK LECLERCQ	50	57.11	ORRIN NORDSTROM	56
24.22	RICHARD ARLUCK	51	57.57	TIM BIRNIE	51	58.95	STEVE CLARK	53	57.25	TOM ANGELL	57
100 YD. FREE M E N 50-54			57.85	ANDREW MCPHERSON	50	58.96	JOHN FLANAGAN	51	58.07	JEFFRY GALPER	55
50.14	ANDREW MCPHERSON	97	59.41	ROBERT SMITH	53	59.59	GARY LANGENDOEN	51	58.33	LAWRENCE NORDELL	56
50.14	ANDREW MCPHERSON	50	59.62	JOHN PHILLIPS	50	59.68	JOHN PHILLIPS	50	58.47	JERRY GLANCY	59
50.73	KEEFE LODWIG	53	1:01.42	RICHARD BURNS	53	59.98	ROBERT POILETMAN	53	200 YD. FREE M E N 55-59		
50.96	STEVE CLARK	53	1:02.39	EDWARD MATHEWSON	50	1:01.20	PAUL MONOHON	51	1:56.80	JACK GEOGHEGAN	97
51.27	TIM BIRNIE	51	1:02.92	GREG NASH	51	1:01.39	RICHARD ARLUCK	51	1:56.80	JACK GEOGHEGAN	55
53.18	RICHARD ARLUCK	51	1:03.16	JAMES BEGLINGER	50	200 YD. FLY M E N 50-54			2:03.99	ALLAN CARTWRIGHT	55
53.92	MICHAEL SLENKER	50	1:03.82	WILLIAM BACON	50	2:10.47	NICK LECLERCQ	97	2:05.73	DAVID HARRISON	59
53.95	ROBERT SMITH	53	1:03.83	EDWARD CAZALET	54	2:10.47	NICK LECLERCQ	50	2:06.33	BRUCE CLARK	55
54.07	ROBERT FLEURY	51	200 YD. BACK M E N 50-54		2:11.28	JOEL BURNS	51	2:07.57	MIKE FRESHLEY	56	
54.36	ROBERT STRAND	51	2:07.88	TIM BIRNIE	96	2:13.93	ROBERT POILETMAN	53	2:10.35	JERRY CLARK	59
54.66	D. CRAIG DENNIS	51	2:09.05	TIM BIRNIE	51	2:20.08	GARY LANGENDOEN	51	2:10.50	STEVE THRASHER	55
200 YD. FREE M E N 50-54			2:13.52	JOHN PHILLIPS	50	2:23.23	JACK GEOGHEGAN	54	2:10.89	LAWRENCE NORDELL	56
1:52.38	TIM BIRNIE	97	2:16.05	EDWARD CAZALET	54	2:24.36	WILLIAM BROWN	51	2:11.19	JEFFRY GALPER	55
1:52.38	TIM BIRNIE	51	2:17.20	GREG NASH	51	2:26.66	LELAND FAUST	50	2:13.13	JERRY GLANCY	59
1:52.44	ANDREW MCPHERSON	50	2:17.73	RICHARD BURNS	53	2:27.81	PAULO FIGUEIREDO	51	500 YD. FREE M E N 55-59		
1:55.49	PAUL MC CORMICK	50	2:20.30	STEVEN HIGHLEY	50	2:30.46	GARY PARLAPIANO	50	5:22.70	JACK GEOGHEGAN	97
1:55.62	KEEFE LODWIG	53	2:21.52	JAMES BEGLINGER	50	2:31.98	DANIEL BLAKE	52	5:22.70	JACK GEOGHEGAN	55
1:57.94	ROBERT CASEY	52	2:22.81	JAMES KING	50	100 YD. I.M. M E N 50-54			5:31.35	DRURY GALLAGHER	58
2:00.02	RICHARD ARLUCK	51	2:25.14	JOSEPH GUIGNON	50	57.59	ANDREW MCPHERSON	97	5:46.66	DAVID HARRISON	59
2:00.25	DENNIS HOLDERMAN	51	2:25.61	ROBERT POILETMAN	53	57.59	ANDREW MCPHERSON	50	5:49.06	ALLAN CARTWRIGHT	55
2:00.44	EDWARD CAZALET	54	50 YD. BRST M E N 50-54		59.72	ROBERT SMITH	53	5:52.63	STEVEN THRASHER	55	
2:00.52	JOHN FLANAGAN	51	28.40	ROBERT STRAND	96	1:00.88	STEVE CLARK	53	5:58.63	JEFFRY GALPER	55
2:00.83	CARL SELLES	50	28.55	ROBERT STRAND	51	1:01.15	JOHN PHILLIPS	50	6:02.96	JERRY CLARK	59
500 YD. FREE M E N 50-54			28.73	DON MCKENZIE	50	1:01.23	MICHAEL SLENKER	50	6:06.62	MIKE FRESHLEY	56
5:11.92	TIM BIRNIE	97	30.61	G. PAUL MENYHARTH	50	1:02.57	JAMES BEGLINGER	50	6:08.72	MIKE LAUX	55
5:11.92	TIM BIRNIE	51	30.62	KENNETH FROST	52	1:02.67	CHRIS OSTROM	51	6:09.50	JERRY GLANCY	59
5:18.23	PAUL MC CORMICK	50	30.72	SCOTT GUTHRIE	52	1:02.83	D. CRAIG DENNIS	51	1000 YD. FREE M E N 55-59		
5:23.08	JOHN FLANAGAN	51	30.78	ROBERT SMITH	53	1:02.83	EDWARD CAZALET	54	11:22.13	DRURY GALLAGHER	97
5:26.43	ROBERT CASEY	52	30.79	GARY PARLAPIANO	50	1:03.95	JON STOUT	50	11:22.13	DRURY GALLAGHER	58
5:29.08	SANDY GALLETTY	54	30.88	EDWARD NESSEL	52	200 YD. I.M. M E N 50-54			11:26.91	JACK GEOGHEGAN	55
5:31.25	EDWARD CAZALET	54	31.14	JESSE SMYERS	50	2:08.36	TIMOTHY GARTON	93	12:01.65	DAVID HARRISON	59
5:34.76	BOB COUCH	50	31.26	CHRIS OSTROM	51	2:09.14	ANDREW MC PHERSON	50	12:10.65	STEVEN THRASHER	55
5:35.31	CARL SELLES	50	100 YD. BRST M E N 50-54		2:15.60	EDWARD CAZALET	54	12:34.05	MEL GOLDSTEIN	58	
5:36.27	JACK GEOGHEGAN	54	1:01.64	DON MCKENZIE	97	2:16.11	JAMES BEGLINGER	50	12:47.63	GEORGE QUIGLEY	56
5:37.60	JIM LAWRIE	50	1:01.64	DON MCKENZIE	50	2:16.79	JOHN PHILLIPS	50	12:48.68	JERRY CLARK	59
1000 YD. FREE M E N 50-54			1:03.47	ROBERT STRAND	51	2:18.29	ROBERT POILETMAN	53	12:50.88	MIKE FRESHLEY	56
10:50.54	PAUL MCCORMICK	97	1:06.96	G PAUL MENYHARTH	50	2:18.48	JOHN FLANAGAN	51	12:51.10	BOB HOPKINS	55
10:50.54	PAUL MC CORMICK	50	1:07.44	KENNETH FROST	52	2:19.87	D. CRAIG DENNIS	51	12:53.07	JOSEPH ZELSON	55
11:07.79	JOHN FLANAGAN	51	1:07.51	GARY PARLAPIANO	50	2:20.92	SANDY GALLETTY	54	1650 YD. FREE M E N 55-59		
11:46.18	JAMES SHOEMAKER	50	1:08.14	BILL GRIFFITH	50	2:21.30	BOB COUCH	50	19:02.45	BURWELL JONES	88
12:13.84	HOP BAILEY	50	1:09.22	JESSE SMYERS	50	2:21.42	CHRIS OSTROM	51	19:20.97	JACK GEOGHEGAN	55
12:18.90	WILLIAM HERZER	50	1:09.29	ROBERT SMITH	53	400 YD. I.M. M E N 50-54			19:53.25	DAVID HARRISON	59
12:21.47	PAULO FIGUEIREDO	51	1:09.62	TOM OLSON	52	4:39.70	TIMOTHY GARTON	93	20:33.53	STEVEN THRASHER	55
12:28.51	EDMUND THIMME	52	1:09.75	SCOTT GUTHRIE	52	4:44.10	NICK LECLERCQ	50	21:05.35	MEL GOLDSTEIN	58
12:39.29	DON DAVIS	52	200 YD. BRST M E N 50-54		4:44.56	ANDREW MC PHERSON	50	21:05.52	STEVEN KOVARY	55	
12:39.66	RICK GOEDEN	50	2:17.16	ROBERT STRAND	96	4:52.46	JOHN FLANAGAN	51	21:14.28	MIKE FRESHLEY	55
12:43.46	DAVE QUIGGIN	52	2:20.10	DON MCKENZIE	50	4:55.06	EDWARD CAZALET	54	21:39.83	DAVID GIFFORD	56
1650 YD. FREE M E N 50-54			2:20.11	ROBERT STRAND	51	4:57.00	SANDY GALLETTY	54	21:53.65	PATRICK SCHLUP	56
18:21.85	NICK LECLERCQ	97	2:29.82	KENNETH FROST	52	4:55.70	GREG NASH	51	21:56.74	WILLIAM QUAYLE	55
18:21.85	NICK LECLERCQ	50	2:31.08	BILL GRIFFITH	50	5:05.86	BOB COUCH	50	21:56.89	ERNIE LESKOVITZ	59
18:46.77	SANDY GALLETTY	54	2:32.54	GARY PARLAPIANO	50	5:09.94	JIM MC CLEERY	50	50 YD. BACK M E N 55-59		
18:52.38	ROBERT CASEY	52	2:32.89	GLENN THOBE	52	5:11.06	HOP BAILEY	50	27.82	JACK GEOGHEGAN	97
19:31.90	BOB COUCH	50	2:33.36	PHILLIP WHITTEN	53	5:12.50	MICHAEL SLENKER	50	27.82	JACK GEOGHEGAN	55
19:34.75	JIM LAWRIE	50	2:33.54	ROBERT POILETMAN	53	50 YD. FREE M E N 55-59			28.34	STEVEN THRASHER	55

TOP TEN - SHORT COURSE YARDS

28.87	MICHAEL MEALIFFE	56	27.89	JACK GEOGHEGAN	55	26.67	GEORGE THAYER	61	1:05.09	DON BROWN	94
29.45	RICHARD BASSI	56	28.15	JOSEPH LAMMERT	57	26.78	WALLY DOBLER	63	1:07.84	DONALD BROWN	63
31.15	RICKY EVANS	55	28.29	RANDOLPH WISE	55	100 YD. FREE M E N 60-64			1:08.11	JACK BEATTIE	62
31.16	JAMES SHAW	56	28.31	DAVID GILLANDERS	57	52.03	JEFF FARRELL	97	1:08.56	YOSHI OYAKAWA	63
31.34	HUGH RODDIN	55	28.31	MIKE LAUX	55	52.03	JEFF FARRELL	60	1:10.58	BILL EARLEY	60
31.92	DAVID ROBINSON	57	100 YD. FLY M E N 55-59		56.28	CAV CAVANAUGH	61	1:10.91	LARRY GOOD	63	
31.96	BILL EARLEY	59	1:00.82	JACK GEOGHEGAN	97	56.62	BOB BAILIE	61	1:11.18	CLARKE MITCHELL	64
32.15	JERRY GLANCY	59	1:00.82	JACK GEOGHEGAN	55	56.86	BILL ROBERTSON	60	1:11.34	RICHARD HANLEY	61
100 YD. BACK M E N 55-59			1:01.38	ALLAN CARTWRIGHT	55	58.37	DAVID RADCLIFF	63	1:11.92	D BARR CLAYSON	61
1:01.56	STEVEN THRASHER	97	1:02.08	MIKE LAUX	55	58.48	PETER TAFT	61	1:15.29	MARSHALL GREER	60
1:01.56	STEVEN THRASHER	55	1:03.55	HUGH RODDIN	55	59.01	BILL EARLEY	60	1:15.37	DICK PETERSON	60
1:03.49	JACK GEOGHEGAN	55	1:04.32	GEORGE FISETTE	55	1:00.34	ERNIE LESKOVITZ	60	200 YD. BACK M E N 60-64		
1:04.50	RICHARD BASSI	56	1:04.77	DRURY GALLAGHER	58	1:00.60	RICHARD WEICK	63	2:23.30	DON BROWN	94
1:05.16	MICHAEL MEALIFFE	56	1:04.93	LAWRENCE NORDELL	56	1:01.44	DICK PETERSON	60	2:28.93	DONALD BROWN	63
1:05.78	BRUCE CLARK	55	1:05.25	JAMES SHAW	56	200 YD. FREE M E N 60-64			2:30.31	DAVE COSTILL	61
1:07.35	HUGH RODDIN	55	1:05.65	JEFFRY GALPER	55	1:59.62	JEFF FARRELL	97	2:31.23	JACK BEATTIE	62
1:07.43	JERRY GLANCY	59	1:06.21	DAVID GILLANDERS	57	1:59.62	JEFF FARRELL	60	2:35.80	LARRY GOOD	63
1:08.54	ORRIN NORDSTROM	56	200 YD. FLY M E N 55-59		2:06.91	BILL ROBERTSON	61	2:39.86	RICHARD HANLEY	61	
1:09.49	LEE BETTIS	59	2:16.48	JACK GEOGHEGAN	97	2:08.97	DAVID RADCLIFF	63	2:42.42	CLARKE MITCHELL	64
1:10.03	DAVID ROBINSON	57	2:16.48	JACK GEOGHEGAN	55	2:09.24	CAV CAVANAUGH	61	2:43.20	DICK PETERSON	60
200 YD. BACK M E N 55-59			2:18.18	ALLAN CARTWRIGHT	55	2:15.62	ERNIE LESKOVITZ	60	2:44.98	BILL EARLEY	60
2:16.60	STEVEN THRASHER	97	2:29.22	HUGH RODDIN	55	2:18.37	DICK PETERSON	60	2:47.72	ALAN RAPPERPORT	63
2:16.60	STEVEN THRASHER	55	2:30.51	JEFFRY GALPER	55	2:18.57	BUDDY BELSHE	63	2:48.49	MARSHALL GREER	60
2:21.74	JACK GEOGHEGAN	55	2:32.50	LAWRENCE NORDELL	56	2:18.72	BILL KING	63	50 YD. BRST M E N 60-64		
2:24.42	ALLAN CARTWRIGHT	55	2:33.10	MIKE LAUX	55	2:20.39	RICHARD WEICK	63	31.34	MANUEL SANGUILY	93
2:24.44	JERRY GLANCY	59	2:37.93	STEVEN THRASHER	55	2:20.54	PETER TAFT	61	32.29	DAVID DABOLL	60
2:27.05	HUGH RODDIN	55	2:40.43	JERRY SIMPSON	55	500 YD. FREE M E N 60-64			33.32	JEFF FARRELL	60
2:27.97	MICHAEL MEALIFFE	56	2:42.01	MEL GOLDSTEIN	58	5:36.90	GRAHAM JOHNSTON	95	34.45	BOB BEST	64
2:32.87	LEE BETTIS	59	2:42.05	DAVID GILLANDERS	57	5:57.58	DAVID RADCLIFF	63	34.58	MILTON GEE	60
2:33.71	RICKY EVANS	55	100 YD. I.M. M E N 55-59		6:04.97	BILL ROBERTSON	61	34.59	D BARR CLAYSON	61	
2:33.81	DAVID ROBINSON	57	1:01.09	JACK GEOGHEGAN	97	6:13.80	ERNIE LESKOVITZ	60	34.81	BOB PATTEN	62
2:34.40	GEORGE QUIGLEY	56	1:01.09	JACK GEOGHEGAN	55	6:16.30	BUDDY BELSHE	63	34.90	BOB JOHNSTON	60
50 YD. BRST M E N 55-59			1:02.79	BRUCE CLARK	55	6:16.77	BURWELL JONES	63	35.01	WALLY DOBLER	62
30.18	MANUEL SANGUILY	89	1:03.75	DRURY GALLAGHER	58	6:22.57	CAV CAVANAUGH	61	35.06	RAY BELLEM	60
31.00	JACK MCCOY	56	1:04.72	MICHAEL MEALIFFE	56	6:32.76	JOHN KALAS	63	35.38	RON MUGAVIN	60
31.58	DRURY GALLAGHER	58	1:04.97	MIKE LAUX	55	6:34.12	A. EMORY HAWORTH	60	100 YD. BRST M E N 60-64		
31.64	MIKE LAUX	55	1:05.63	RICHARD BASSI	55	6:38.81	BILL KING	63	1:10.08	MANUEL SANGUILY	93
33.43	DOUGLAS MARKUSIC	55	1:05.84	JACK MCCOY	56	6:38.99	BILL EARLEY	60	1:12.69	DAVID DABOLL	60
33.64	JOSEPH LAMMERT	57	1:05.97	MIKE FRESHLEY	56	1000 YD. FREE M E N 60-64			1:14.02	BOB PATTEN	62
33.88	MIKE FRESHLEY	56	1:06.69	STEVEN THRASHER	55	11:46.48	GRAHAM JOHNSTON	95	1:15.68	DICK PETERSON	60
33.92	JACK GEOGHEGAN	55	1:07.09	ORRIN NORDSTROM	56	12:26.96	ERNIE LESKOVITZ	60	1:16.79	BOB JOHNSTON	60
34.20	BILL MULLIKEN	57	200 YD. I.M. M E N 55-59		12:37.75	DAVID RADCLIFF	63	1:17.01	BOB BEST	64	
34.39	PETER JACKSON	57	2:14.98	DRURY GALLAGHER	95	13:05.66	DENNIS O'BRIEN	61	1:19.57	RON MUGAVIN	60
34.58	JOHN STOVER	55	2:15.31	JACK GEOGHEGAN	55	13:09.13	GEORGE BRUNSTAD	62	1:19.75	A. EMORY HAWORTH	61
100 YD. BRST M E N 55-59			2:17.18	DRURY GALLAGHER	58	13:20.71	BUDDY BELSHE	63	1:20.10	D BARR CLAYSON	61
1:06.67	DRURY GALLAGHER	95	2:19.04	ALLAN CARTWRIGHT	55	13:21.63	CAV CAVANAUGH	61	1:20.25	JACK HALLIDAY	60
1:08.14	DRURY GALLAGHER	58	2:19.82	BRUCE CLARK	55	13:31.86	JOHN COOPER	64	1:20.84	MILTON GEE	60
1:10.40	JACK MCCOY	56	2:24.04	MICHAEL LAUX	55	13:59.70	BILL EARLEY	60	200 YD. BRST M E N 60-64		
1:10.62	MIKE LAUX	55	2:26.06	STEVEN THRASHER	55	14:02.11	DAVID FORTSCH	62	2:39.95	MANUEL SANGUILY	93
1:14.76	MIKE FRESHLEY	56	2:26.48	MIKE FRESHLEY	56	14:07.10	ARTHUR WELCH	64	2:42.01	BOB PATTEN	62
1:15.50	BILL MULLIKEN	57	2:29.28	HUGH RODDIN	55	1650 YD. FREE M E N 60-64			2:43.74	DAVID DABOLL	60
1:15.51	JACK GEOGHEGAN	55	2:29.31	ERIC JENSEN	55	19:28.49	GRAHAM JOHNSTON	95	2:46.81	DICK PETERSON	60
1:16.89	ALLAN CARTWRIGHT	55	2:31.01	JACK MCCOY	56	21:45.19	BUDDY BELSHE	63	2:49.21	JACK HALLIDAY	60
1:16.94	PETER FREDERICKS	56	400 YD. I.M. M E N 55-59		21:48.44	ERNIE LESKOVITZ	60	2:52.51	BOB JOHNSTON	60	
1:17.59	DOUGLAS MARKUSIC	55	4:56.23	DRURY GALLAGHER	97	22:08.28	DAVID RADCLIFF	62	2:55.61	LARRY GOOD	63
1:18.13	CHARLES KILBOURNE	57	4:56.23	DRURY GALLAGHER	58	22:39.97	RICHARD HANLEY	61	2:57.47	JOEL JACOBS	61
200 YD. BRST M E N 55-59			4:58.86	JACK GEOGHEGAN	55	22:45.77	CAV CAVANAUGH	61	2:59.23	A. EMORY HAWORTH	61
2:31.23	DRURY GALLAGHER	95	5:00.44	ALLAN CARTWRIGHT	55	22:47.60	A. EMORY HAWORTH	61	3:00.06	RAY BELLEM	60
2:31.85	DRURY GALLAGHER	58	5:10.79	MICHAEL LAUX	55	23:14.63	BILL EARLEY	60	3:01.91	SHERRILL MARTIN	60
2:32.69	MIKE LAUX	55	5:13.62	STEVEN THRASHER	55	23:14.95	J.C. BRENTON	62	50 YD. FLY M E N 60-64		
2:39.40	JACK MCCOY	56	5:23.39	ERIC JENSEN	55	23:15.09	BILL KING	63	27.15	JEFF FARRELL	97
2:45.91	BILL MULLIKEN	57	5:24.77	HUGH RODDIN	55	23:15.70	ARTHUR WELCH	64	27.15	JEFF FARRELL	60
2:49.03	JACK GEOGHEGAN	55	5:29.68	MIKE FRESHLEY	56	50 YD. BACK M E N 60-64			27.23	BOB BAILIE	61
2:50.55	PATRICK SCHLUP	56	5:30.64	RICKY EVANS	55	29.50	YOSHI OYAKAWA	97	28.40	CAV CAVANAUGH	61
2:51.24	DAVID GIFFORD	56	5:35.24	MEL GOLDSTEIN	58	29.50	YOSHI OYAKAWA	63	28.48	BILL ROBERTSON	60
2:53.02	WILLIAM CROWLEY	57	50 YD. FREE M E N 60-64		30.44	BILL EARLEY	60	29.26	WALLY DOBLER	63	
2:54.05	PETER FREDERICKS	56	23.28	JEFF FARRELL	97	31.38	JEFF FARRELL	60	29.36	A. EMORY HAWORTH	60
2:54.65	JOHN STOVER	55	23.28	JEFF FARRELL	60	31.38	DONALD BROWN	63	29.61	PETER TAFT	61
50 YD. FLY M E N 55-59			25.03	BOB BAILIE	61	31.76	MARSHALL GREER	60	29.61	DENNIS O'BRIEN	61
26.41	RICHARD BASSI	97	25.06	CAV CAVANAUGH	61	31.77	JACK BEATTIE	62	30.06	RON JOHNSON	64
26.41	RICHARD BASSI	56	26.00	DAVID RADCLIFF	63	31.89	CLARKE MITCHELL	64	30.40	BILL EARLEY	60
26.82	MICHAEL MEALIFFE	56	26.16	RON JOHNSON	64	31.93	RON JOHNSON	64	100 YD. FLY M E N 60-64		
27.38	ORRIN NORDSTROM	56	26.44	RICHARD WEICK	63	32.61	D BARR CLAYSON	61	1:03.09	DAVID COSTILL	97
27.53	GEORGE FISETTE	55	26.48	BILL EARLEY	60	33.90	RICHARD HANLEY	61	1:03.09	DAVE COSTILL	61
27.80	MIKE FRESHLEY	56	26.58	YOSHI OYAKAWA	63	100 YD. BACK M E N 60-64			1:07.72	DENNIS O'BRIEN	61

TOP TEN - SHORT COURSE YARDS

1:08.47 ERNIE LESKOVITZ	60	1:03.43 DICK WEBBER	67	1:20.01 ARNIE GREEN	65	2:41.99 CHARLES MOSS	93
1:09.16 WALLY DOBLER	62	1:03.69 PETER VAN DIJK	68	1:21.92 FORREST SULLIVAN	67	2:49.48 GRAHAM JOHNSTON	65
1:10.03 A. EMORY HAWORTH	61	1:04.30 WAYNE LEENGRAN	66	200 YD. BACK M E N 65-69		3:00.20 JOHN MASTERS	66
1:10.38 BOB PATTEN	62	1:04.66 DICK BOWER	66	2:30.53 ROGER FRANKS	93	3:00.47 HERB KERN	65
1:12.07 JEFF FARRELL	60	1:04.88 JAMES PITTS	66	2:38.43 GRAHAM JOHNSTON	65	3:07.71 JOHN LENARD	66
1:13.21 PETER TAFT	61	200 YD. FREE M E N 65-69		2:44.59 HORACE KNOWLTON	67	3:08.17 CHARLES MOSS	68
1:14.63 WILLIAM JONES	60	2:06.63 GRAHAM JOHNSTON	97	2:51.83 STAN MC CONNELL	65	3:09.49 MIKE TORSNEY	66
1:14.90 WILLIAM LAUER	62	2:06.63 GRAHAM JOHNSTON	66	2:56.05 PETER VAN DIJK	68	3:19.57 HERBERT NAKAMA	66
200 YD. FLY M E N 60-64		2:17.86 WILLIAM PHILLIPS	69	2:56.06 KENNETH KIMBALL	66	3:21.67 ROBERT KUENY	65
2:29.92 DAVID COSTILL	96	2:19.31 JOHN RIES	65	3:01.13 ARNIE GREEN	65	3:24.02 CHARLES KOHNKEN	65
2:41.75 DENNIS O'BRIEN	61	2:22.13 WAYNE LEENGRAN	66	3:02.21 CHARLES MOSS	68	3:28.49 GEORGE LUSTIG	67
2:53.04 A. EMORY HAWORTH	61	2:23.02 WALLIE JEFFRIES	65	3:03.91 GORDON GILLIN	66	100 YD. I.M. M E N 65-69	
2:57.75 DICK SLAWSON	61	2:23.40 HERB KERN	65	3:04.51 STEVE HADLEY	65	1:06.74 PETER POWLISON	87
2:57.93 WILLIAM JONES	60	2:26.02 DAVE ANDERSON	65	3:06.41 FORREST SULLIVAN	67	1:07.67 RONALD JOHNSON	65
3:00.78 WILLIAM LAUER	62	2:28.45 ROGER CAMPBELL	66	50 YD. BRST M E N 65-69		1:11.05 JOHN KORTHEUER	65
3:01.05 RICHARD HANLEY	61	2:29.31 ROBERT HERITIER	68	32.91 NICK TEMPLEMAN	97	1:11.87 GRAHAM JOHNSTON	65
3:01.61 BUDDY BELSHE	63	2:30.99 FRANCIS MCAREE	66	32.91 NICK TEMPLEMAN	66	1:12.94 CHUCK BALDWIN	66
3:04.15 BOB BEST	64	500 YD. FREE M E N 65-69		33.73 JOHN KORTHEUER	65	1:13.72 HERB KERN	65
3:05.96 ROBERT FOX	60	5:44.52 GRAHAM JOHNSTON	97	33.83 EDWARD ROSENHAUER	65	1:14.23 LEN GOLDSTONE	67
3:10.57 CHARLES MAAS	62	5:44.52 GRAHAM JOHNSTON	66	34.67 AULIS KAHKONEN	66	1:14.73 WILLIAM IRWIN	68
100 YD. I.M. M E N 60-64		6:22.46 WILLIAM PHILLIPS	69	35.88 CHUCK BALDWIN	66	1:15.04 DONALD BAKER	65
1:02.52 JEFF FARRELL	97	6:25.68 WALLIE JEFFRIES	65	35.93 AARON KURTZMAN	67	1:16.62 HORACE KNOWLTON	67
1:02.52 JEFF FARRELL	60	6:30.97 WAYNE LEENGRAN	66	36.47 THOMAS KOENIG	65	1:17.30 JOHN RIES	65
1:08.19 BILL EARLEY	60	6:44.84 ROGER CAMPBELL	66	36.49 THOMAS TAYLOR	66	200 YD. I.M. M E N 65-69	
1:08.26 BURWELL JONES	63	6:49.83 WIN WILSON	69	36.59 JOHN MASTERS	66	2:33.75 GRAHAM JOHNSTON	97
1:08.63 BILL ROBERTSON	60	6:50.51 ROBERT HERITIER	68	36.89 RON JOHNSON	65	2:33.75 GRAHAM JOHNSTON	66
1:08.90 CAV CAVANAUGH	61	6:51.36 KENNETH KIMBALL	66	100 YD. BRST M E N 65-69		2:42.42 HERB KERN	65
1:09.01 DONALD BROWN	63	6:53.44 ARNIE GREEN	65	1:13.78 NICK TEMPLEMAN	97	2:45.67 NICK TEMPLEMAN	66
1:09.32 BOB BAILIE	61	7:02.04 HORACE KNOWLTON	67	1:14.78 JOHN KORTHEUER	65	2:48.13 HORACE KNOWLTON	67
1:09.66 WALLY DOBLER	62	1000 YD. FREE M E N 65-69		1:18.30 HARRY HUNSICKER	66	2:49.02 CHARLES MOSS	68
1:10.53 DICK PETERSON	60	11:49.31 GRAHAM JOHNSTON	97	1:21.08 ROBERT MACDONALD	68	2:51.32 EDWARD ROSENHAUER	65
1:10.83 RICHARD WEICK	63	13:07.00 WALLIE JEFFRIES	65	1:21.97 AULIS KAHKONEN	66	2:51.84 JOHN KORTHEUER	66
200 YD. I.M. M E N 60-64		13:11.63 WILLIAM PHILLIPS	69	1:21.99 RON JOHNSON	65	2:51.95 LEN GOLDSTONE	67
2:23.70 JEFF FARRELL	97	13:25.70 WAYNE LEENGRAN	66	1:22.19 THOMAS KOENIG	65	2:52.21 JOHN LENARD	66
2:23.70 JEFF FARRELL	60	13:53.87 HORACE KNOWLTON	67	1:23.14 F TED HAARTZ	69	2:52.48 DONALD BAKER	65
2:24.18 DAVE COSTILL	61	14:06.54 ROGER CAMPBELL	66	1:23.70 LEN GOLDSTONE	67	500 YD. I.M. M E N 65-69	
2:29.84 WALLY DOBLER	63	14:08.79 ROBERT HERITIER	68	1:23.83 AARON KURTZMAN	67	5:26.41 GRAHAM JOHNSTON	97
2:30.97 DICK PETERSON	60	14:10.11 KENNETH KIMBALL	66	200 YD. BRST M E N 65-69		5:26.41 GRAHAM JOHNSTON	66
2:32.80 BILL ROBERTSON	61	14:12.28 BOB HERITIER	68	2:47.50 NICK TEMPLEMAN	97	5:54.79 HERB KERN	65
2:33.82 DONALD BROWN	63	14:26.58 FRANK REYNOLDS	65	2:47.50 NICK TEMPLEMAN	66	6:05.42 LEN GOLDSTONE	67
2:36.21 LARRY GOOD	63	1650 YD. FREE M E N 65-69		3:00.07 ROBERT MACDONALD	68	6:07.23 NICK TEMPLEMAN	66
2:36.46 BURWELL JONES	63	20:00.61 GRAHAM JOHNSTON	97	3:00.93 F TED HAARTZ	69	6:07.39 JOHN LENARD	66
2:36.78 CAV CAVANAUGH	61	20:00.61 GRAHAM JOHNSTON	66	3:03.39 AL CRAIG	69	6:13.22 HORACE KNOWLTON	67
2:37.29 JACK HALLIDAY	60	22:39.44 WAYNE LEENGRAN	66	3:05.41 LEN GOLDSTONE	67	6:14.38 JOHN MASTERS	66
400 YD. I.M. M E N 60-64		22:56.27 THOMAS TAYLOR	66	3:05.65 THOMAS TAYLOR	66	6:16.44 CHARLES MOSS	68
5:18.48 DAVID COSTILL	96	23:12.12 WILLIAM PHILLIPS	69	3:06.67 JOHN LENARD	66	6:19.95 WALLIE JEFFRIES	65
5:30.45 DICK PETERSON	60	23:23.84 ROGER CAMPBELL	66	3:07.04 GRAHAM JOHNSTON	65	6:28.06 ROBERT KUENY	66
5:30.86 DENNIS O'BRIEN	61	24:09.69 FRED LEHMAN	66	3:07.73 HERB KERN	65	50 YD. FREE M E N 70-74	
5:40.49 LARRY GOOD	63	24:19.05 FRANK REYNOLDS	65	3:12.18 JOHN MONNE	66	26.90 FRANK PIEMME	95
5:48.42 DICK SLAWSON	61	24:59.42 W MORGAN BYERS	69	50 YD. FLY M E N 65-69		27.15 FRANK PIEMME	72
5:50.55 BUDDY BELSHE	63	25:02.32 ARNIE GREEN	65	28.88 RONALD JOHNSON	97	29.07 PAUL HUTINGER	72
5:51.02 ERNIE LESKOVITZ	60	25:03.30 FRED TRASK	69	28.88 RONALD JOHNSON	65	29.91 FRANCIS HALL	70
5:58.75 J.C.BRENTON	62	50 YD. BACK M E N 65-69		29.73 JOHN KORTHEUER	66	30.05 ROBERT BLAKE	72
6:01.24 BOB BAILIE	61	31.20 RONALD JOHNSON	97	29.98 HERB KERN	65	30.52 JOHN FLORANCE	74
6:01.96 WILLIAM LAUER	62	31.20 RONALD JOHNSON	65	30.90 HARRY HUNSICKER	66	30.80 HERB MCAULEY	74
6:03.92 DAVID DABOLL	60	33.90 HORACE KNOWLTON	67	31.49 CHUCK BALDWIN	66	30.83 GEORGE ERSWELL	70
50 YD. FREE M E N 65-69		34.12 GRAHAM JOHNSTON	65	32.19 GRAHAM JOHNSTON	65	30.96 HARRY ALBINGER	70
25.62 PETER POWLISON	87	34.13 PETER VAN DIJK	68	32.32 DICK WEBBER	67	31.15 FRANK GRANNIS	72
25.73 DONALD HILL	65	34.53 ROBERT WEDDELL	66	32.42 LEN GOLDSTONE	67	31.23 JURGEN SCHMIDT	74
26.05 RONALD JOHNSON	65	35.38 FORREST SULLIVAN	67	32.42 WILLIAM IRWIN	68	100 YD. FREE M E N 70-74	
27.31 DICK WEBBER	67	35.84 ARNIE GREEN	65	33.01 NICK TEMPLEMAN	66	1:00.80 FRANK PIEMME	95
27.36 KENNETH KIMBALL	66	35.87 KENNETH KIMBALL	65	100 YD. FLY M E N 65-69		1:01.18 FRANK PIEMME	72
27.50 GRAHAM JOHNSTON	65	36.07 STEVE HADLEY	65	1:07.69 RONALD JOHNSON	97	1:05.63 WIN WILSON	70
27.66 JOHN RIES	65	36.39 ROGER FRANKS	69	1:07.69 RONALD JOHNSON	65	1:07.42 JOHN FLORANCE	74
27.76 DONALD BAKER	65	100 YD. BACK M E N 65-69		1:07.19 HARRY HUNSICKER	66	1:07.85 DUANE DRAVES	71
27.93 CHUCK BALDWIN	66	1:09.74 RONALD JOHNSON	97	1:14.12 HERB KERN	65	1:08.88 ROGER FRANKS	70
28.06 PETER VAN DIJK	68	1:09.74 RONALD JOHNSON	65	1:16.29 WILLIAM IRWIN	68	1:09.18 PAUL HUTINGER	72
28.15 BOB CONGELLIERE	68	1:12.74 GRAHAM JOHNSTON	65	1:16.75 JOHN KORTHEUER	66	1:09.50 HARRY ALBINGER	70
100 YD. FREE M E N 65-69		1:15.30 PETER VAN DIJK	68	1:17.09 GRAHAM JOHNSTON	65	1:10.52 ROBERT BLAKE	71
56.24 PETER POWLISON	87	1:15.38 RICHARD BENNETT	66	1:17.93 CHARLES MOSS	68	1:10.56 WAYNE SHADBOLT	72
58.61 GRAHAM JOHNSTON	66	1:15.95 HORACE KNOWLTON	67	1:17.98 LEN GOLDSTONE	67	1:10.90 GEORGE ERSWELL	70
59.95 JOHN RIES	65	1:16.99 KENNETH KIMBALL	66	1:19.38 JOHN MASTERS	66	200 YD. FREE M E N 70-74	
1:01.62 DONALD BAKER	66	1:18.19 STAN MC CONNELL	65	1:20.62 JOHN RIES	65	2:17.64 FRANK PIEMME	95
1:03.29 RON JOHNSON	65	1:19.40 ROBERT WEDDELL	66	200 YD. FLY M E N 65-69		2:20.92 FRANK PIEMME	72
1:03.31 WILLIAM PHILLIPS	69					2:26.81 WIN WILSON	70

TOP TEN - SHORT COURSE YARDS

2:30.24	ROGER FRANKS	70	3:12.52	KIM HABA	72	4:17.80	FRED ECKHARDT	70	7:00.88	RAY TAFT	95
2:31.79	EMILE ACHEE	70	3:12.55	LOU SILVERSTEIN	70	4:28.96	RICHARD EVANS	72	7:30.03	RAYMOND TAFT	77
2:34.81	DUANE DRAVES	71	3:13.75	DALE WEBSTER	71	100 YD. I.M. M E N 70-74			7:32.59	ALDO DA ROSA	79
2:36.79	DON KORTEN	70	3:14.06	DON KORTEN	70	1:11.72	FRANK PIEMME	95	7:36.51	STEVE CARLSON	77
2:41.26	WAYNE SHADBOLT	72	3:14.08	SAMUEL FOSTER	71	1:12.94	FRANK PIEMME	72	7:45.22	GILBERT YOUNG	75
2:42.08	ART KOBLISH	73	50 YD. BRST M E N 70-74		1:17.00	DUANE DRAVES	71	7:51.91	FRED TAIOLI	75	
2:42.42	J.SCHMIDT	73	35.35	BARTON GREENBERG	95	1:17.08	ROGER FRANKS	70	7:52.10	BOB MERRICK	76
2:42.66	PAUL HUTINGER	72	36.26	BARTON GREENBERG	72	1:19.25	PAUL HUTINGER	72	7:58.04	RICHARD SMITH	77
500 YD. FREE M E N 70-74			37.31	JOSEPH KURTZMAN	71	1:20.26	DON KORTEN	70	8:03.51	DAN MILES	76
6:25.12	FRANK PIEMME	95	38.70	PAUL HUTINGER	72	1:20.60	GEORGE ERSWELL	70	8:10.07	ROBERT JOHNSTON	79
6:27.36	ROGER FRANKS	70	39.89	FRANK PIEMME	72	1:23.29	FRANCIS HALL	70	8:33.68	BOB ACKER	75
6:31.85	WIN WILSON	70	40.45	J. JOHN REESE	71	1:23.93	LUMAN SUTTON	70	1000 YD. FREE M E N 75-79		
6:35.30	FRANK PIEMME	72	40.50	JOHN REESE	71	1:24.84	JOSEPH KURTZMAN	71	14:14.46	RAY TAFT	95
7:23.18	JURGEN SCHMIDT	74	40.79	ARNIE FORMO	70	1:25.79	RALPH PERRY	70	15:41.35	RAYMOND TAFT	77
7:23.40	ART KOBLISH	73	41.32	J.VANREYMERSDAL	70	200 YD. I.M. M E N 70-74			15:53.51	ALDO DA ROSA	79
7:24.58	LEE ARTH	72	41.73	JOHN EMANUEL	72	2:47.68	BIRCH DAVIDSON	89	16:10.46	GIL YOUNG	75
7:25.00	WAYNE SHADBOLT	72	41.84	GEORGE ERSWELL	70	2:48.62	ROGER FRANKS	70	16:23.27	DAN MILES	76
7:25.78	DON KORTEN	70	100 YD. BRST M E N 70-74		2:51.16	DUANE DRAVES	71	16:41.41	RICHARD SMITH	77	
7:37.10	BENEDICT REYNOLDS	71	1:19.95	BARTON GREENBERG	95	2:53.50	FRANK PIEMME	72	16:44.06	BOB MERRICK	76
7:39.93	ROBERT BLAKE	72	1:22.00	BARTON GREENBERG	72	3:03.46	WIN WILSON	70	17:34.26	DICK GUIDO	79
1000 YD. FREE M E N 70-74			1:26.30	FRANK PIEMME	72	3:03.78	DON KORTEN	70	17:41.79	FRED TAIOLI	76
13:11.09	FRANK PIEMME	95	1:31.14	JOSEPH KURTZMAN	70	3:04.73	PAUL HUTINGER	72	18:13.48	ROBERT WRIGHT	76
13:18.62	WIN WILSON	70	1:31.96	ARNIE FORMO	70	3:05.35	LUMAN SUTTON	70	18:20.51	LOUIS GIBERSON	76
13:22.22	ROGER FRANKS	70	1:33.15	GEORGE ERSWELL	70	3:10.98	LEE ARTH	72	1650 YD. FREE M E N 75-79		
14:20.83	ED KERSWILL	70	1:34.48	LEE ARTH	72	3:19.13	ART KELLEY	71	24:40.71	RAY TAFT	95
15:09.10	DON KORTEN	70	1:34.78	LUMAN SUTTON	70	3:20.27	LOU SILVERSTEIN	70	27:00.48	GILBERT YOUNG	75
15:14.51	WAYNE SHADBOLT	72	1:34.91	NORMAN GARSOE	73	400 YD. I.M. M E N 70-74			27:38.77	RICHARD SMITH	77
15:36.43	PAUL HUTINGER	72	1:35.18	JOHN EMANUEL	72	6:05.24	FRANK PIEMME	95	28:09.98	FRED TAIOLI	76
15:45.18	J.SCHMIDT	73	1:35.26	DON KORTEN	70	6:08.54	ROGER FRANKS	70	28:17.74	BOB MERRICK	76
16:03.66	JAMES EDWARDS	74	200 YD. BRST M E N 70-74		6:27.53	DUANE DRAVES	71	28:49.66	DICK GUIDO	79	
16:09.54	GILBERT YOUNG	74	3:01.23	FRANK PIEMME	96	6:38.21	LEE ARTH	72	29:16.07	DAN MILES	76
16:13.20	ROBERT BLAKE	72	3:06.49	BARTON GREENBERG	72	6:48.35	DON KORTEN	70	29:31.12	BOB ACKER	75
1650 YD. FREE M E N 70-74			3:13.02	FRANK PIEMME	72	6:50.16	LUMAN SUTTON	70	32:12.38	RAYMOND HAKOMAKI	76
22:18.56	FRANK PIEMME	96	3:25.39	ARNIE FORMO	70	6:56.18	PAUL HUTINGER	72	32:18.70	JOHN WOODS	79
23:01.75	WIN WILSON	70	3:25.77	LEE ARTH	72	7:09.08	LOU SILVERSTEIN	70	32:36.97	ED LAMBERT	75
26:22.51	PAUL HUTINGER	72	3:31.77	NORMAN GARSOE	73	7:10.41	ART KELLEY	71	50 YD. BACK M E N 75-79		
26:33.61	GILBERT YOUNG	74	3:38.05	DON KORTEN	70	7:26.91	JACK MITCHELL	70	34.84	RAY TAFT	95
26:36.53	DON KORTEN	70	3:38.71	CHARLES THOMSON	72	7:29.10	JIM GRONSETH	70	38.23	RAYMOND TAFT	77
26:53.20	CALVIN BARNES	73	3:42.66	JIM WORREL	74	50 YD. FREE M E N 75-79			38.95	ALDO DA ROSA	79
27:21.65	LOU SILVERSTEIN	70	3:44.50	JIM GRONSETH	70	28.73	KELLEY LEMMON	87	40.44	JOHN MERRILL	79
27:25.93	JURGEN SCHMIDT	74	3:46.93	LAWRENCE GALLAHER	71	31.16	HUGH RICHARDS	76	40.56	BOB MERRICK	76
27:32.27	ROBERT BLAKE	72	50 YD. FLY M E N 70-74		31.74	ANDREW HOLDEN	78	42.72	RAYMOND HAKOMAKI	76	
27:38.48	GLYNN JONES	72	30.59	FRANK PIEMME	97	32.10	ALDO DA ROSA	79	45.39	BOB MORRISON	75
28:14.80	JAMES EDWARDS	74	30.59	FRANK PIEMME	72	32.22	RAYMOND TAFT	77	45.59	BRION WINSHIP	79
50 YD. BACK M E N 70-74			32.78	WIN WILSON	70	32.81	LOUIS GIBERSON	76	45.69	JOE HOWELL	75
31.84	PAUL HUTINGER	95	33.04	JOSEPH KURTZMAN	71	32.97	BOB MERRICK	76	46.02	BILL UHRICH	76
33.25	PAUL HUTINGER	72	33.50	PAUL HUTINGER	72	33.44	STEVE CARLSON	77	46.68	WALLACE SAWHILL	77
34.75	FLOYD ELIOTT	70	33.53	FRANCIS HALL	70	33.65	ROBERT MOSARD	76	100 YD. BACK M E N 75-79		
35.88	DUANE DRAVES	71	36.35	KEITH CARTER	72	33.68	ROBERT LAVANTURE	75	1:17.67	RAYMOND TAFT	95
36.33	FRANK CAMPBELL	70	36.39	LUMAN SUTTON	70	33.95	WILLIAM JOHNSTON	78	1:21.58	RAYMOND TAFT	77
36.57	FRANK PIEMME	72	36.90	JURGEN SCHMIDT	74	100 YD. FREE M E N 75-79			1:26.53	ANDREW HOLDEN	78
37.85	JOHN MURPHY	72	38.42	JARKA BURIAN	70	1:04.28	KELLEY LEMMON	88	1:28.02	ALDO DA ROSA	79
37.87	DALE WEBSTER	71	38.88	JACK MITCHELL	70	1:11.63	RAYMOND TAFT	77	1:30.71	BOB MERRICK	76
38.40	GEORGE BRINTON	72	100 YD. FLY M E N 70-74		1:12.04	ANDREW HOLDEN	78	1:31.51	JOHN MERRILL	79	
38.46	JOHN WOODS	73	1:14.73	WIN WILSON	97	1:12.81	ALDO DA ROSA	79	1:33.09	JOHN BRICKER	76
38.71	RALPH PERRY	70	1:14.73	WIN WILSON	70	1:14.39	BOB MERRICK	76	1:38.22	DICK GUIDO	79
100 YD. BACK M E N 70-74			1:18.23	JOSEPH KURTZMAN	71	1:15.03	STEVE CARLSON	77	1:38.49	RAYMOND HAKOMAKI	76
1:11.56	PAUL HUTINGER	95	1:28.44	FRANK PIEMME	72	1:16.68	HUGH RICHARDS	76	1:38.69	JOHN WRENN	76
1:12.40	ROGER FRANKS	70	1:30.30	LUMAN SUTTON	70	1:16.82	GILBERT YOUNG	75	1:40.46	HARRY LIBER	78
1:15.20	PAUL HUTINGER	72	1:30.38	FRANCIS HALL	70	1:17.75	ROBERT MOSARD	76	200 YD. BACK M E N 75-79		
1:16.72	FLOYD ELIOTT	70	1:30.95	ART KELLEY	71	1:17.77	LOUIS GIBERSON	76	2:54.21	RAYMOND TAFT	95
1:17.31	DUANE DRAVES	71	1:33.08	LEE ARTH	72	1:22.41	HERB WALLOWER	75	3:04.18	RAYMOND TAFT	77
1:20.69	FRANK CAMPBELL	70	1:35.08	DON KORTEN	70	200 YD. FREE M E N 75-79			3:14.38	JOHN BRICKER	76
1:23.47	DALE WEBSTER	71	1:37.64	FRANK GRANNIS	72	2:27.09	RAY TAFT	95	3:17.87	JOHN MERRILL	79
1:24.32	RALPH PERRY	70	1:38.15	J.SCHMIDT	73	2:43.22	RAYMOND TAFT	77	3:24.66	JOHN WRENN	76
1:25.85	JOHN MURPHY	72	200 YD. FLY M E N 70-74		2:44.49	ALDO DA ROSA	79	3:33.38	RAYMOND HAKOMAKI	76	
1:26.29	FRANK PIEMME	72	2:53.57	JOSEPH KURTZMAN	96	2:48.67	GILBERT YOUNG	75	3:33.55	GERALD HUESTIS	77
1:26.64	GEORGE BRINTON	72	3:07.04	JOSEPH KURTZMAN	71	2:48.94	BOB MERRICK	76	3:36.34	EARL WALTER	76
200 YD. BACK M E N 70-74			3:27.67	DON KORTEN	70	2:52.88	STEVE CARLSON	77	3:41.40	DICK GUIDO	79
2:40.05	ROGER FRANKS	97	3:29.45	ROGER FRANKS	70	2:55.29	FRED TAIOLI	75	3:46.75	BOB ACKER	75
2:40.05	ROGER FRANKS	70	3:31.69	ART KELLEY	71	3:00.47	DAN MILES	76	3:48.47	BRION WINSHIP	79
2:48.23	PAUL HUTINGER	72	3:33.56	ART KOBLISH	73	3:05.21	ROBERT MOSARD	76	50 YD. BRST M E N 75-79		
2:52.31	FLOYD ELIOTT	70	3:34.48	LEE ARTH	72	3:06.02	LOUIS GIBERSON	76	37.59	PAUL KRUP	93
2:53.31	DUANE DRAVES	70	4:11.18	ALEX MCINTOSH	73	3:09.67	BARNET PHILLIPS	79	39.64	ALDO DA ROSA	79
3:00.33	RALPH PERRY	70	4:12.93	DOUG STRONG	72	500 YD. FREE M E N 75-79			40.47	MAX VON ISSER	77

TOP TEN - SHORT COURSE YARDS

40.90 PAUL KRUP	79	1:29.54 EARL WALTER	75	9:52.41 JIM TRIOLO	83	1:51.51 MURRAY EAGER	80
41.10 BOB MERRICK	76	1:30.63 DAN MILES	76	1000 YD. FREE M E N 80-84		1:52.71 ROBERT JOHNSTON	80
41.94 HUGH RICHARDS	76	1:30.63 BALINT PAPP	75	16:26.97 ROBERT JOHNSTON	97	1:53.01 BILL EIBL	80
42.50 BOB MORRISON	75	1:32.33 MAX VON ISSER	77	16:26.97 ROBERT JOHNSTON	80	2:00.96 MIKE OFFNER	82
42.77 RAYMOND TAFT	77	1:32.36 PAUL KRUP	79	17:54.50 JOHN MERRILL	80	2:06.28 HARRY BARTLETT	81
43.01 RAYMOND HAKOMAKI	76	200 YD. I.M. M E N 75-79		18:14.67 DEXTER WOODFORD	83	2:06.44 JOHN LEVETT	80
43.76 ROBERT LAVANTURE	75	2:54.67 RAYMOND TAFT	95	18:26.10 OBEL JAMES	81	2:06.92 DICK BRADFORD	80
43.90 BRUD CLEVELAND	79	3:11.53 RAYMOND TAFT	77	18:58.68 HARRY BARTLETT	81	2:10.33 WILLIAM GRANT JR.	83
100 YD. BRST M E N 75-79		3:15.94 ALDO DA ROSA	79	20:06.64 GENE CROSSETT	83	2:11.08 JOHN JOHNSTON	81
1:25.80 ALDO DA ROSA	93	3:18.76 BOB MERRICK	76	20:16.01 WOODROW BOWERSOCK	83	200 YD. BRST M E N 80-84	
1:30.66 ALDO DA ROSA	79	3:22.08 DAN MILES	76	20:28.84 JIM TRIOLO	83	3:33.56 ANTON CERER	97
1:31.24 BOB MERRICK	76	3:32.27 RICHARD SMITH	76	20:45.15 JOHN JOHNSTON	81	3:33.56 ANTON CERER	80
1:33.15 MAX VON ISSER	77	3:32.88 BALINT PAPP	75	21:11.51 J.MCKENZIE	80	3:57.57 DON MCCULLOUGH	81
1:36.31 PAUL KRUP	79	3:36.93 JOHN WRENN	76	1650 YD. FREE M E N 80-84		4:19.93 BILL EIBL	80
1:36.37 RAYMOND HAKOMAKI	76	3:37.26 ROBERT WRIGHT	76	27:57.27 DEXTER WOODFORD	94	4:21.09 MIKE OFFNER	82
1:39.31 RAYMOND TAFT	77	3:45.31 WALLACE SAWHILL	77	28:01.54 ROBERT JOHNSTON	80	4:35.40 DEXTER WOODFORD	83
1:41.89 BALINT PAPP	75	3:49.31 BOB ACKER	75	28:56.89 JOHN MERRILL	80	4:38.53 JOHN LEVETT	80
1:43.06 HERB WALLOWER	75	400 YD. I.M. M E N 75-79		31:20.59 EDWARD NAKAMURA	82	4:59.27 JOHN JOHNSTON	81
1:43.08 DAN MILES	76	6:21.48 RAYMOND TAFT	95	31:28.24 DEXTER WOODFORD	83	5:16.79 DAR WHEELER	80
1:43.48 BRUD CLEVELAND	79	6:55.98 RAYMOND TAFT	77	32:45.79 GENE CROSSETT	83	5:42.46 FRANK TILLOTSON	82
200 YD. BRST M E N 75-79		7:14.42 ALDO DA ROSA	79	35:05.16 DAVE MALBROUGH	84	5:58.73 GIL SPEAR	82
3:13.37 ALDO DA ROSA	93	7:19.96 DAN MILES	76	35:11.01 WOODROW BOWERSOCK	83	50 YD. FLY M E N 80-84	
3:23.05 BOB MERRICK	76	7:24.35 RICHARD SMITH	77	35:19.17 HERBERT HOWE	84	40.94 JESSE COON	90
3:31.56 ALDO DA ROSA	79	7:33.82 BALINT PAPP	75	36:03.82 JOHN JOHNSTON	81	42.42 ROBERT CHRISTIANS	81
3:33.74 RAYMOND HAKOMAKI	76	8:21.08 BOB ACKER	75	50 YD. BACK M E N 80-84		46.45 ROBERT KNAPP	80
3:34.77 RAYMOND TAFT	77	9:04.47 ROBERT STRINGHAM	77	39.51 EDWARD SHEA	95	49.50 WOODROW BOWERSOCK	83
3:35.72 PAUL KRUP	79	11:15.01 JIM JOHNSON	76	40.41 JOHN MERRILL	80	50.35 DON MCCULLOUGH	81
3:39.09 DAN MILES	76	12:13.43 FRANK SCHURR	75	40.51 EDWARD SHEA	82	53.88 WILLIAM GRANT JR.	83
3:47.57 EARL WALTER	75	50 YD. FREE M E N 80-84		41.90 ROBERT CHRISTIANS	81	1:00.08 JOHN JOHNSTON	81
3:51.99 BALINT PAPP	75	31.09 WOODROW BOWERSOCK	94	43.43 ROBERT KNAPP	80	1:04.02 DAR WHEELER	80
3:53.23 BUD JACKSON	77	31.86 WOODROW BOWERSOCK	83	44.20 JOHN WHITE	80	1:07.32 JOHN LEVETT	80
3:54.22 JOHN WRENN	76	32.97 ROBERT KNAPP	80	46.44 OBEL JAMES	81	1:12.59 A.FISHER	80
50 YD. FLY M E N 75-79		34.50 ROBERT CHRISTIANS	81	46.48 DAVE MALBROUGH	83	1:42.97 GEORGE WHITE	82
33.17 BIRCH DAVIDSON	94	36.67 ALLAN DE LAY	81	46.70 BILL EIBL	80	100 YD. FLY M E N 80-84	
36.54 ANDREW HOLDEN	78	37.55 CHARLES BREEDING	80	47.77 CHARLES BREEDING	80	1:39.74 WALTER PFEIFFER	94
36.71 RAYMOND TAFT	77	38.22 JOHN MERRILL	80	49.06 JIM TRIOLO	83	2:01.48 DON MCCULLOUGH	81
37.40 MAX VON ISSER	77	39.23 WILLIAM GRANT JR.	83	100 YD. BACK M E N 80-84		2:24.71 JOHN JOHNSTON	81
38.25 HUGH RICHARDS	76	39.51 HAROLD SEXTON	82	1:27.58 EDWARD SHEA	95	3:05.04 GIL SPEAR	82
38.63 LOUIS GIBERSON	76	39.71 HARRY BARTLETT	81	1:30.83 JOHN MERRILL	80	200 YD. FLY M E N 80-84	
39.97 PAUL KRUP	79	39.81 GENE CROSSETT	83	1:33.34 EDWARD SHEA	82	3:32.97 ANTON CERER	97
40.82 BOB MERRICK	76	100 YD. FREE M E N 80-84		1:36.18 WILLIAM ROWE	81	3:32.97 ANTON CERER	80
41.77 ALDO DA ROSA	79	1:12.18 WOODROW BOWERSOCK	94	1:36.91 ROBERT CHRISTIANS	81	4:20.42 DON MCCULLOUGH	81
41.92 BILL UHRICH	76	1:17.36 WOODROW BOWERSOCK	83	1:38.34 JOHN WHITE	80	4:57.37 JOHN JOHNSTON	81
43.37 ROBERT WRIGHT	76	1:19.15 OBEL JAMES	81	1:42.21 BILL EIBL	80	5:04.28 GEORGE TRAWICKI	80
100 YD. FLY M E N 75-79		1:20.12 ROBERT KNAPP	80	1:43.87 OBEL JAMES	81	100 YD. I.M. M E N 80-84	
1:23.77 ANDREW HOLDEN	94	1:21.52 ROBERT CHRISTIANS	81	1:48.26 DAVE MALBROUGH	84	1:30.08 ROBERT CHRISTIANS	96
1:31.17 ANDREW HOLDEN	78	1:23.71 EDWARD NAKAMURA	82	1:49.21 CHARLES BREEDING	80	1:28.38 ROBERT CHRISTIANS	81N
1:35.25 RAYMOND TAFT	77	1:27.28 ROBERT JOHNSTON	80	1:49.71 JIM TRIOLO	82	1:35.37 ROBERT KNAPP	80
1:36.29 PAUL KRUP	79	1:28.39 JOHN WHITTIER	82	200 YD. BACK M E N 80-84		1:46.49 ROBERT JOHNSTON	80
1:36.34 ALDO DA ROSA	79	1:29.06 HARRY BARTLETT	81	3:12.35 EDWARD SHEA	95	1:49.36 WOODROW BOWERSOCK	83
1:38.24 BOB MERRICK	76	1:30.45 DEXTER WOODFORD	83	3:17.09 JOHN MERRILL	80	1:51.53 EDWARD NAKAMURA	82
1:40.02 BALINT PAPP	75	1:30.56 GENE CROSSETT	82	3:24.54 EDWARD SHEA	82	1:54.59 DON MCCULLOUGH	81
1:41.40 RICHARD SMITH	77	200 YD. FREE M E N 80-84		3:38.10 JOHN WHITE	80	1:58.30 WILLIAM GRANT JR.	83
1:42.66 DAN MILES	76	2:49.94 KELLEY LEMMON	92	3:42.13 ROBERT CHRISTIANS	81	2:01.35 ALAN DELAY	81
1:45.06 LOUIS GIBERSON	76	3:10.55 ROBERT KNAPP	80	3:42.60 BILL EIBL	80	2:02.45 JOHN JOHNSTON	81
1:51.11 WILLIAM JOHNSTON	78	3:10.83 ROBERT JOHNSTON	80	3:58.12 JIM TRIOLO	83	2:03.65 JOHN LEVETT	80
200 YD. FLY M E N 75-79		3:12.88 DEXTER WOODFORD	82	4:03.55 DAVE MALBROUGH	84	200 YD. I.M. M E N 80-84	
3:17.53 ANTON CERER	92	3:12.89 OBEL JAMES	81	4:22.90 FRANK TILLOTSON	82	3:23.37 ANTON CERER	97
3:34.56 ANDREW HOLDEN	78	3:13.79 ROBERT CHRISTIANS	81	4:26.46 JOHN WHITTIER	82	3:23.37 ANTON CERER	80
3:44.87 RICHARD SMITH	77	3:13.92 EDWARD NAKAMURA	82	4:29.63 WALTER SOMPAYRAC	83	3:34.36 ROBERT CHRISTIANS	81
3:50.26 PAUL KRUP	79	3:15.22 WOODROW BOWERSOCK	83	50 YD. BRST M E N 80-84		3:50.51 ROBERT JOHNSTON	80
3:56.80 DAN MILES	76	3:22.81 HARRY BARTLETT	81	41.39 KELLEY LEMMON	92	4:07.94 DON MCCULLOUGH	81
4:00.07 GERALD HUESTIS	77	3:23.58 HAROLD SEXTON	82	48.04 MURRAY EAGER	80	4:19.30 EDWARD NAKAMURA	82
4:01.64 RAYMOND TAFT	77	3:24.05 JOHN MERRILL	80	49.49 DON MCCULLOUGH	81	4:29.18 WILLIAM GRANT JR.	83
4:46.52 HERMAN FOREST	75	500 YD. FREE M E N 80-84		49.66 ROBERT CHRISTIANS	81	5:02.11 A.FISHER	80
5:01.16 BOB ACKER	75	7:58.65 ROBERT JOHNSTON	97	51.97 BILL EIBL	80	5:16.76 GIL SPEAR	82
5:16.57 WILLIAM JOHNSTON	78	7:58.65 ROBERT JOHNSTON	80	52.09 MIKE OFFNER	82	400 YD. I.M. M E N 80-84	
5:26.84 ROBERT STRINGHAM	77	8:38.05 JOHN MERRILL	80	52.94 JOHN LEVETT	80	7:38.27 WALTER PFEIFFER	94
100 YD. I.M. M E N 75-79		8:38.91 OBEL JAMES	81	53.20 DAR WHEELER	80	8:34.43 DON MCCULLOUGH	81
1:16.12 RAY TAFT	95	8:49.18 DEXTER WOODFORD	83	55.06 DICK BRADFORD	80	9:38.68 JOHN JOHNSTON	81
1:22.11 RAYMOND TAFT	77	9:04.07 EDWARD NAKAMURA	82	55.74 WILLIAM GRANT JR.	83	10:51.01 GIL SPEAR	82
1:24.98 BOB MERRICK	76	9:29.74 GENE CROSSETT	82	55.87 CHARLES BREEDING	80	50 YD. FREE M E N 85-89	
1:25.29 ANDREW HOLDEN	77	9:32.41 HARRY BARTLETT	81	100 YD. BRST M E N 80-84		36.86 GERSON SOBEL	96
1:27.15 HUGH RICHARDS	76	9:34.57 MAURICE STERN	80	1:32.72 KELLEY LEMMON	92	40.46 CARL LINDSTRAND	85
1:27.27 ALDO DA ROSA	79	9:34.89 WOODROW BOWERSOCK	83	1:48.85 DON MCCULLOUGH	81	42.22 JOE IRVINE	85

TOP TEN - SHORT COURSE YARDS

46.06	TEX ROBERTSON	87	3:27.69	JOHN MAXWELL	88	12:30.56	GUS LANGNER	93
46.25	JOHN GLENN	85	200 YD. BACK M E N 85-89			1000 YD. FREE M E N 90-94		
48.11	FRANK BELLAIRE	86	3:57.82	CHARLES SALIE	97	24:18.33	GUS LANGNER	95
48.73	CHARLES SALIE	85	3:32.64	LEE STARR	88NV	26:26.76	GUS LANGNER	93
49.24	JIM PENFIELD	88	3:57.82	CHARLES SALIE	85	1650 YD. FREE M E N 90-94		
50.83	RICHARD KANE	85	4:42.67	JOE IRVINE	86	35:31.28	GUS LANGNER	93
52.69	LEE STARR	87	4:43.65	TEX ROBERTSON	87	43:25.77	GUS LANGNER	93
52.86	CHARLES WOOD	88	4:51.78	JIM PENFIELD	88	50 YD. BACK M E N 90-94		
100 YD. FREE M E N 85-89			5:08.71	ROY BODINE	85	1:02.86	PETER JURCZYK	96
1:25.24	GERSON SOBEL	95	5:10.45	BILL REEDER	86	1:01.71	PETER JURCZYK	91NV
1:34.03	CARL LINDSTRAND	85	50 YD. BRST M E N 85-89			1:08.23	JOE KAUFMAN	91
1:41.30	JESSE COON	86	52.09	JIM PENFIELD	93	1:18.33	GUS LANGNER	93
1:44.12	JOE IRVINE	85	1:00.07	JIM PENFIELD	88	1:27.01	HARRY JAGGERS	90
1:49.70	TEX ROBERTSON	87	1:08.45	ROY BODINE	86	100 YD. BACK M E N 90-94		
1:55.02	CHARLES WOOD	88	1:11.06	JOHN GLENN	85	2:17.30	PETER JURCZYK	96
1:55.19	RICHARD KANE	85	1:15.54	LARRY HART	85	2:24.26	PETER JURCZYK	91
1:59.53	JOHN GLENN	85	1:19.06	FRANK STARR	87	2:57.41	G. HAROLD LANGNER	93
2:05.09	BOYD CAMPBELL	87	1:31.34	RICHARD KANE	85	3:31.48	HARRY JAGGERS	90
2:05.70	ROY BODINE	86	1:35.88	RALPH HOYLE	86	200 YD. BACK M E N 90-94		
2:07.43	LEE STARR	87	100 YD. BRST M E N 85-89			4:47.96	JOE KAUFMAN	96
200 YD. FREE M E N 85-89			2:03.10	JIM PENFIELD	93	5:08.87	PETER JURCZYK	91
3:17.83	GUS LANGNER	90	2:33.93	JIM PENFIELD	89	6:45.58	GUS LANGNER	93
3:37.29	CARL LINDSTRAND	85	2:41.42	ROY BODINE	85	8:12.48	HARRY JAGGERS	90
4:02.51	TEX ROBERTSON	87	2:59.93	JOHN GLENN	85	50 YD. BRST M E N 90-94		
4:13.00	JOE IRVINE	86	3:03.98	LARRY HART	85	1:08.24	ANDREW KALLUNKI	94
4:17.02	ROY BODINE	86	200 YD. BRST M E N 85-89			1:17.66	G. HAROLD LANGNER	93
4:17.34	RICHARD KANE	85	4:34.29	AL KALLUNKI	90	100 YD. BRST M E N 90-94		
4:19.09	CHARLES WOOD	88	5:42.65	ROY BODINE	85	2:37.23	ANDREW KALLUNKI	95
5:03.63	BOYD CAMPBELL	87	7:18.52	LARRY HART	85	2:54.90	GUS LANGNER	93
7:59.60	LARRY HART	85	50 YD. FLY M E N 85-89			200 YD. BRST M E N 90-94		
9:00.31	GUS LANGNER	90	49.32	JESSE COON	96	6:00.90	ANDREW KALLUNKI	94
11:32.47	CHARLES WOOD	88	49.32	JESSE COON	86	6:27.79	GUS LANGNER	93
11:40.46	JOE IRVINE	86	1:04.40	JIM PENFIELD	88	50 YD. FLY M E N 90-94		
12:43.23	RICHARD KANE	85	1:18.65	ROY BODINE	86	1:35.70	PETER JURCZYK	96
13:03.81	BOYD CAMPBELL	87	1:26.48	RICHARD KANE	85	1:43.17	PETER JURCZYK	91
13:15.10	ROY BODINE	86	100 YD. FLY M E N 85-89			100 YD. I.M. M E N 90-94		
13:33.33	BILL REEDER	86	2:12.18	JESSE COON	95	2:37.44	PETER JURCZYK	96
1000 YD. FREE M E N 85-89			2:23.45	JESSE COON	86	2:43.44	PETER JURCZYK	91
18:18.29	GUS LANGNER	89	200 YD. FLY M E N 85-89			3:16.78	GUS LANGNER	93
21:09.11	HERBERT HOWE	85	5:29.95	JESSE COON	95	200 YD. I.M. M E N 90-94		
22:37.55	TEX ROBERTSON	87	5:51.72	JESSE COON	86	6:05.72	PETER JURCZYK	96
24:12.57	JOE IRVINE	86	9:29.18	RICHARD KANE	85	6:29.30	PETER JURCZYK	91
26:57.53	BOYD CAMPBELL	87	100 YD. I.M. M E N 85-89			50 YD. FREE M E N 95-99		
27:07.33	RICHARD KANE	85	1:58.18	JESSE COON	97	1:14.35	TOM LANE	90
28:27.91	BILL REEDER	86	1:58.18	JESSE COON	86	NO SWIMMERS		
1650 YD. FREE M E N 85-89			2:33.00	ROY BODINE	86	100 YD. FREE M E N 95-99		
31:02.36	GUS LANGNER	90	2:51.21	JOHN GLENN	85	3:20.38	TOM LANE	90
35:30.03	HERBERT HOWE	85	3:06.60	RICHARD KANE	85	NO SWIMMERS		
39:22.10	JOE IRVINE	86	200 YD. I.M. M E N 85-89			50 YD. BACK M E N 95-99		
47:10.60	RICHARD KANE	85	4:30.98	JESSE COON	97	1:08.20	TOM LANE	89
48:41.00	ROY BODINE	86	4:30.98	JESSE COON	86	NO SWIMMERS		
50 YD. BACK M E N 85-89			5:41.23	ROY BODINE	86	100 YD. BACK M E N 95-99		
51.65	JIM PENFIELD	94	400 YD. I.M. M E N 85-89			3:05.81	TOM LANE	92
58.38	JOE IRVINE	85	9:47.85	HERB EISENSCHMIDT	92	NO SWIMMERS		
58.51	JIM PENFIELD	88	10:25.65	JESSE COON	86	50 YD. BRST M E N 95-99		
1:00.02	LEE STARR	87	11:23.78	ROY BODINE	86	1:27.94	TOM LANE	89
1:00.28	ROY BODINE	86	15:16.54	RICHARD KANE	85	NO SWIMMERS		
1:01.53	TEX ROBERTSON	87	50 YD. FREE M E N 90-94			50 YD. FREE M E N 100-104		
1:01.70	JOHN GLENN	85	46.53	JOSEPH REINERS	92	1:31.03	TOM LANE	94
1:10.65	BILL REEDER	86	50.36	G. HAROLD LANGNER	93	NO SWIMMERS		
1:12.83	OTTO WULFF	85	54.53	JOE KAUFMAN	91	100 YD. FREE M E N 100-104		
1:16.31	BOYD CAMPBELL	87	57.19	PETER JURCZYK	91	3:21.86	TOM LANE	94
1:20.38	HARRY JAGGERS	89	1:28.36	HARRY JAGGERS	90	NO SWIMMERS		
100 YD. BACK M E N 85-89			100 YD. FREE M E N 90-94			200 YD. FREE M E N 100-104		
1:48.23	CHARLES SALIE	97	1:49.69	GUS LANGNER	95	6:56.32	TOM LANE	94
1:48.23	CHARLES SALIE	85	1:56.75	GUS LANGNER	93	NO SWIMMERS		
2:08.58	JIM PENFIELD	88	2:15.10	PETER JURCZYK	91			
2:14.93	JOE IRVINE	85	2:17.49	JOE KAUFMAN	92			
2:15.55	TEX ROBERTSON	87	3:46.97	HARRY JAGGERS	90			
2:15.90	ROY BODINE	85	200 YD. FREE M E N 90-94					
2:20.86	LEE STARR	88	3:52.04	GUS LANGNER	93			
2:30.98	BOYD CAMPBELL	87	4:36.90	GUS LANGNER	93			
2:40.01	BILL REEDER	86	5:00.07	PETER JURCZYK	91			
3:02.42	DON NEEFE	88	500 YD. FREE M E N 90-94					
			10:20.59	GUS LANGNER	93			

TOP TEN - SHORT COURSE YARDS

***** RELAYS: WOMEN 200 YD. FREE *****	MICHELLE GHIGGERI	28	CHARLENE O'BRIEN	40	OREG	2:16.23
19 +	GRIN	1:44.30	PATTY LANDERS	40	SUZANNE RAGUE	46
R:HOLMES LUMBER 92	T.CHILDRESS-BROWN	33	PAULA ROEMER	36	LISSA PARKER	45
KIMBERLY BEATTIE	KATE MACDONALD	30	VMST	1:49.59	JUDY BEASTON	46
MARY ROEBUCK	LYNNE BECHER	25	GRETTHEN SMITH	37	KRISTI RIDDLE	48
LINDA NEARY	TRISCHA ZORN	32	LISA BENNETT	40		
SUDI MILLER	EMP	1:44.65	PATTY POWIS	36	55 +	
PNA	E.MARESCA-ORTOF	30	BETH BAKER	36	R:D.C. MASTERS 97	2:02.97
M.JENKINS	CHERYL BARANY	32	GAJA	1:49.69	BARBARA FRID	
SHELLEY BIRNIE	KAREN FARNSWORTH	41	LINDLEY DOUGHTY	38	JOANN LEILICH	
KARIN GARDNER	MARGARET MONTESI	33	ROBIN ZUBECK	35	BARBARA ZAREMSKI	
NADINE BOWEN	RMM	1:44.91	WHITLEY GREENE	37	JAYNE BRUNER	
STAN	C.SHERIDAN	31	ANDRA OZOLINS	37	DCM	2:02.97
KATHRYN GELMAN	SHELLE MARSH	32	MARY	1:51.23	BARBARA FRID	55
C.CHICHESTER	JODI VINE	28	SUSAN MARINZEL	44	JOANN LEILICH	58
ELIZABETH BAST	LAUREEN WELTING	31	BARBARA PROTZMAN	42	BARBARA ZAREMSKI	59
MARTIE MC KINNEY	VMST	1:45.35	ELLEN HAYS	38	JAYNE BRUNER	62
PNA	CHERYL CONLIN	28	JILL SPRINGER	38	WCM	2:21.99
KAREN LEAHY	JEANINE PAULSON	27	ARIZ	1:52.18	DONNA MONROE	63
SHERRY VANSANT	VALERIE NELLEN	26	GAIL STARING	36	MIDGE KRAETZER	58
ZENA COURTNEY	KAREN RAMTHUN	26	LAURA WINSLOW	37	BARBARA JORDAN	59
TAUNYA ROBERTS	NEM	1:45.82	JONELLE SCHMIDT	46	JOAN ALEXANDER	65
SMMM	CARLA DROPO	37	HUNTLEY COONEY	36	MARY	2:24.32
HEATHER KAZAKOFF	KAREN REED	25	45 +		JOAN LIBBY	55
JEAN DAVIS	MICHELE FOX	27	R:LOS ALTOS 94	1:53.98	MARJORIE PEARSALL	58
PAM MATHEWS	MICHELE ROY	33	ARLENE PROEBSTING		FRANCES WESTON	57
ALMA CHAPELLE	AKMS	1:46.66	SUSAN ROY		NANCY BROWN	61
WILD	BARBARA MISENER	30	KRISTINA KING		SDSM	2:24.43
JAN HOWELL	MIA COSTELLO	29	CAROLYN BOAK		DEBORAH PECKHAM	57
KARA KELLY	SHANNON TITZEL	26	C-1776	1:59.18	DUDLEY WOOD	59
ELIZABETH HALL	ANNE O'BRIEN	26	CECILIA MCCLOSKEY	47	ADRIENNE PIPES	62
WENDY HIPSKIND	CRAW	1:47.22	J.GREULICK-BYRON	46	JANET LAMOTT	61
NEM	HELEN WALSH	28	C.SCHROEDER	47	NEM	2:26.07
CHRISTY THOMSEN	THERESA KLEIN	25	STEPHANIE WALSH	47	PETEY SMITH	72
ROBIN LECKONBY	KATHERINE TOUPS	28	SNM	1:59.35	MARIAN COAKLEY	59
MELISSA BRAISTED	CINDY UNRUH	26	SALLY DILLON	50	ISABEL LYNDON	57
KARI ANDERSSON	FAST	1:47.25	SARAH TYLER	52	AAGJE CARON	55
PNA	REBECCA FRAYNE	25	A. SUSAN TYLER	48	SPM	2:30.07
E.HENDERSON	SARAH COLEGROVE	29	CELESTE MILLER	47	JAYNE LAMBKE	57
AUDRA RESCHKE	LESLIE BLACKBURN	26	RMM	1:59.55	BARBARA ALLEN	63
LINDA HEGERBERG	JULIE MOODY	28	CAROLYN ROCHE	46	SANDY STEER	57
BARB THRASHER	35 +		JUDY REED	53	JACQUELYN PIPER	59
AVST	R:NEW ENGLAND 95	1:42.61	JEAN WOOD	49	NCMS	2:30.13
CHRISTINE WOOD	JENNIFER LUKER		KATHY MARVIN	46	CEIL BLACKWELL	56
CAMILLA HLADKA	JOEL FELDMANN		PNA	2:00.22	SANDRA KREMER	60
CAROL MORTENSEN	CONSTAN HALLETT		CHARLOTTE DAVIS	47	SALLY NEWELL	59
SUZANNE NEWELL	GAYLE WETTACH		PINKY WALKER	54	ALICE JONES	58
IRV	OREG	1:45.27	SUZANNE DILLS	52	FMM	2:46.83
ERIN REED	SIMONE LA PAY	36	KATHRINE CASEY	48	DORIS PROKOPI	61
NICOLE YANDA	KIMBERLY ARATA	37	MARY	2:04.07	DOROTHY JOHNSON	70
LAUREL HOOPER	SARAH HOAGLAND	35	PAMELA WINGERTER	52	MARGIE HUTINGER	57
VALERIE HAGOPIAN	GRACIE GODDARD	37	MARTI BETZ	47	CARLA CORKINS	56
FCMC	RMM	1:46.25	KAREN WILLIAMS	49	RMM	2:53.29
STEPHANIE BEISER	KATHY GARNIER	36	VIKI ALTOMONTE	47	DONNA RYMAN	60
CANDACE CHAM	JUDY NELSON	36	LAM	2:04.20	MARY CLAPP	58
JENNIFER S.	KIM CROUCH	35	M.MCDONALD	47	PEGGY BUCHANNAN	64
ELKE HOFFMAN	MELANIE DULLEA	35	KRISTINA KING	49	CATHY WRENN	70
25 +	NEM	1:46.46	DELLA SEHORN	69	TAM	2:58.71
R:LOWE STAR 89	JOEL FELDMANN	45	CAROLYN BOAK	52	MARY ALEXANDRE	61
LISA JACKSON	K.NISLEY-BLACK	41	VMST	2:07.00	MARTY BARRY	64
BRIGITTE HEUER	TRACY GRILLI	40	BETSY DURRANT	55	BEA HEIM	71
L.MORRISON-CASEY	GAYLE WETTACH	40	MOLLY BRODERSON	45	MARY GIDLEY	60
AMY PLESS	PNA	1:46.91	JOHNNIE DETRICK	61	65 +	
TOC	MARGEE CURRAN	36	NANCY MILLER	47	R:GOLD COAST 95	2:17.37
SHARON PATRICK	ZENA COURTNEY	37	PCAT	2:15.52	BLANCHE GRAVER	
JOAN SCHRIGER	MARY LIPPOLD	41	LYNN SILVER	45	JUNE KRAUSER	
CORINNA SEIBT	BARBARA GUNDRED	45	TRISH LEWIS	52	MARGARE TIMMINS	
LORETTA SOFFE	STAN	1:47.80	COLLEEN KLAUDINYI	46	CYNTHIA BRUCE	
WCM	EILEEN WALL	39	LORRIE WERNER	50	NEM	2:35.76
LAURIE VIDAL	LINDA LIPINSKI	37	NEM	2:15.91	DIANE REED	66
KELLY JESFIELD	MARGARET LLOYD	36	CONSTANCE SASSER	50	PETEY SMITH	72
KATHY WOHRLE	ANN HABERNIGG	35	MARY ANN MURRAY	46	JOAN MCINTYRE	68
	WCM	1:48.57	AAGJE CARON	55	B.BURRILL	76
	MINDY HAMWAY	38	CLAIRE O'BRIEN	58	OSB	2:40.97

TOP TEN - SHORT COURSE YARDS

MAL OLSHAN	59	66	NICOLE TATE	33	MIA COSTELLO	29			
GRACE ALTUS		73	TERA	2:02.07	BARBARA MISENER	30	45	+	
GAY COLLINS		66	MELISSA ASHLEY	20	CHRISTINE ALLOCCO	26	R:COLONIALS 1776 95		2:09.99
RUTH BAAR		74	STACI MALIN	24	SDSM	2:00.21	CECELIA MCCLOSKEY		
CATH	2:46.24	67	Laura Angeloni	34	K.PIPES-NEILSEN	34	J.GREYLICK-BYRON		
NANCY DURSTEIN		65	SUSANNE HEIM	38	MARCI HUBAL	34	STEPHANIE WALSH		
JOAN GALVIN		69	PNA	2:02.11	VICKY DAVIDSON	32	C.SCHROEDER		
ALICE YUNGERT		66	AUDRA RESCHKE	23	LARA BIGLEY	28	SNM		2:16.98
JOAN CAMPBELL		66	LINDA HEGERBERG	26	WCM	2:02.01	SARAH TYLER		52
SDSM	2:52.26	74	BARB THRASHER	31	LAURA VIDAL	34	SALLY DILLON		50
DIANA SILVA		69	E.HENDERSON	26	JAMIA BAKER	25	A. SUSAN TYLER		48
BOBBI TURCOTTE		71	CRUZ	2:03.47	MARGIE DEAN	35	CELESTE MILLER		47
ALICIA COLEMAN		66	JESSICA HANCHER	23	SUSAN STRANG	25	C-1776		2:18.11
ANN DALLAM		67	CYNTHIA HERTZER	27	ART	2:03.12	CECILIA MCCLOSKEY		47
WCM	2:59.48	68	ELAINE WIMER	37	JILL VANAUKEN	27	J.GREULICK-BYRON		46
ELFRIEDE ROGERS		66	MAUREEN CHALMER	31	LISA FINFER	32	STEPHANIE WALSH		47
FLORENA LINKE		82	WILD	2:03.76	BARB DONOVAN	39	C.SCHROEDER		47
JEAN DURSTON		67	JAN HOWELL	24	VICKI MOUW	31	LAM		2:20.06
BETTY MCMILLAN		72	ELIZABETH HALL	28	35	+	M.MCDONALD		47
PNA	3:38.28	66	WENDY HIPSKIND	25	R:WALNUT CREEK 96	1:56.99	CAROLYN BOAK		52
BETTY KERCHEVAL		80	KARA KELLY	20	PATTY LANDERS		KRISTINA KING		49
JANET KAVADAS		85	NEM	2:03.77	DIANE HEINSON		DELLA SEHORN		69
PAT MATTHIESEN		67	KARI ANDERSSON	24	CAREN MONAMARA		MARY		2:20.33
MARION MUELLER		79	CHRISTY THOMSEN	22	PAULA ROEMER		MARTI BETZ		47
OSB	3:38.41	71	JENNIFER LUKER	40	PNA	1:59.07	CONNIE LINDSEY		45
RUTH FARNHAM		71	AMY NEVITT	33	ZENA COURTNEY	37	VIKI ALTOMONTE		46
JENNIE TAYLOR		71	DAM	2:04.17	LISA WILSON	35	KAREN WILLIAMS		49
MAGGIE MORS		71	KATHERINE GUTHRIE	23	MARY LIPPOLD	41	GOLD		2:26.80
ELEANOR BROWN		71	CHRISTINE SCHULTZ	25	CHARLOTTE DAVIS	47	RORIE ANDERSON		45
MARY	3:38.43	81	R.BRITTINGHAM	45	STAN	1:59.41	B.EDELMAIER		50
BETTY TAYLOR		65	SHANNON ENDICOTT	21	MARGARET LLOYD	36	CATHY MANCINO		47
FRANCES HAYWOOD		66	GOLD	2:05.65	EILEEN WALL	39	MARGARET CHARLTON		54
JILL COLEMAN		65	JAMIE HERRINGTON	31	ANN HABERNIGG	35	GRIN		2:26.81
MARIAN BRENNAN		69	MEGYN TABACK	23	LINDA LIPINSKI	37	BARBARA LARSEN		49
CM	3:40.50	86	HEATHER GORDON	25	WCM	2:02.23	SALLY HASBROOK		48
KATHY DIXON		86	MICHELLE BEKOFF	31	PATTY LANDERS	40	SHARON WISE		50
MADELEINE MILLER		75	25	+	S.SOTELO-OSBORN	35	SUE TRUMPEY		48
MARTI GOGNIAT		68	R:HOUSTONIAN 91	1:49.19	CHARLENE O'BRIEN	40	VMST		2:28.28
MAURINE KORNFELD		83	TORI SMITH		MINDY HAMWAY	38	BETSY DURRANT		55
IRCC	3:54.21	79	CORRIN CONVIS		OREG	2:02.99	NANCY MILLER		47
CLAIRE YOUNG		83	DEBBIE RISEN		KERRI CULBERTSON	38	MOLLY BRODERSON		45
ANNE WILDER		79	BRIGITTE HEVER		SIMONE LA PAY	36	JOHNNIE DETRICK		61
GERTRUD ZINT		73	WCM	1:54.62	LAURA WORDEN	39	NEM		2:28.41
MARJORIE NEWMAN		26	Laurie Vidal	34	GRACIE GODDARD	37	EVELYN HAUSBERGER		45
75	+	25	KAREN DUGGAN	26	VMST	2:03.35	SUSAN MAGUIRE		47
R:WALNUT CREEK 96	3:19.18	28	SUSAN STRONG	25	BETH BAKER	36	CONSTANCE SASSER		50
SALLY JOY		28	MICHELLE GHIGGERI	28	PATTY POWIS	36	KATHY SLIFER		51
MARY JANE REEVES		30	USF	1:55.68	LISA BENNETT	40	SDSM		2:31.21
JEAN DURSTON		28	JILL ROTHKOFF	30	GRETTHEN SMITH	37	PEGGY LEONG		52
PAT PREVETZ		28	SUSIE HORTENSON	28	NEM	2:04.09	LENORE CEITHAML		47
NO RELAY TEAMS		26	PAMELA FRANKLIN	26	JOEL FELDMANN	45	BARBARA DUNBAR		48
*****		29	CAT FLOKROWSKI	29	K.NISLEY-BLACK	41	GINI BAKER		46
RELAYS: WOMEN 200 YD. MEDLEY		30	EMP	1:57.50	GAYLE WETTACH	40	MAM		2:36.99
*****		35	E.MARESCA-ORTOF	30	TRACY GRILLI	40	TERESA PICCHI		45
19	+	32	CAROLYN KOSTER	35	GRIN	2:04.52	MAGGIE FILLMORE		46
R:RALEIGH 92	1:52.20	32	CHERYL BARANY	32	MELISSA RINKER	41	RUTH SHAPS		49
COURTNEY SEARCY		33	MARGARET MONTESI	33	C.GETTELFINGER	39	JENNY WHITE		47
LISA BROWN		32	VMST	1:58.27	MARY ANN STEVENS	43	55	+	
SHELLIE JOANIS		38	CAYCEE BUSCAGLIA	32	KAREN LODGE	36	R:D.C.MASTERS 97		2:19.50
JILL BENDA		28	CHERYL CONLIN	28	GAJA	2:04.99	BARBARA FRID		
UTAH	1:59.89	31	MOLLY DEAN	31	LINDLEY DOUGHTY	38	JOANN LEILICH		
HEATHER CREEL		26	VALERIE NELLEN	26	AMY GROSSMAN	36	JAYNE BRUNER		
STACEY TOBEY		32	ORLM	1:58.86	WHITLEY GREENE	37	BARBARA ZAREMSKI		
KATHY ELWYN		32	MARGARET KELLER	32	ROBIN ZUBECK	35	DCM		2:19.50
AMY SHARP		39	ROSEMARIE SEAMAN	39	MARY	2:05.84	BARBARA FRID		55
STAN	2:01.38	36	CATHY SHONKWILER	36	JILL SPRINGER	38	JOANN LEILICH		58
MARTIE MC KINNEY		38	SUSAN KOMINOWSKI	38	DEBORAH ZIMIC	35	JAYNE BRUNER		62
DANIELA BARNEA		32	GRIN	1:59.58	ELAINE FINCHAM	41	BARBARA ZAREMSKI		59
C.CHICHESTER		32	TRISCHA ZORN	32	BARBARA PROTZMAN	42	SDSM		2:40.90
ELIZABETH BAST		19	MELISSA KERKER	32	SEMS	2:06.36	BETSY JORDAN		60
GRIN	2:01.80	30	KATE MACDONALD	30	JUDY LALLIER	37	CAROL SING		55
LYNNE BECHER		33	T.CHILDRESS-BROWN	33	KAREN KASKINEN	35	ADRIENNE PIPES		62
JULIE BICKEL		36	AKMS	1:59.78	JILL WHITNEY	40	DUDLEY WOOD		59
DEBRA STOUT		23	ANNE O'BRIEN	26	MARCIE KROSCHER	42	WCM		2:40.99

TOP TEN - SHORT COURSE YARDS

BARBARA JORDAN	59	SARAH DAVIS	73	MARY NATWICK	38	MARGUERITE MEYER	38
JOAN ALEXANDER	65	IRCC	4:21.92	JENNIFER TAM	20	VMST	4:07.51
MIDGE KRAETZER	58	MARJORIE NEWMAN	73			PATTY POWIS	36
DONNA MONROE	63	CLAIRE YOUNG	68	25 +		LISA BENNETT	40
SPM	2:47.53	GERTRUD ZINT	79	R:WALNUT CREEK	91 3:37.75	KITTEN BRAATEN	41
BARBARA ALLEN	63	ANNE WILDER	83	CAREN LEWIS		BETH BAKER	36
JACQUELYN PIPER	60			PAULA KOGNER		SDSM	4:07.73
JAYNE LAMBKE	57	75 +		WENDY INGRAHM		MARILYN FINK	42
KATE KNIGHT-PERRY	61	R:WALNUT CREEK	93 3:47.25	SARA SHAND		MARY MILLER	39
MARY	2:49.47	FRIEDA SIDORSKY		USF	3:49.00	ALLISON RAAP	38
JOAN LIBBY	55	SALLY JOY		SUSIE MORTENSON	28	CLAUDIA ETTELSON	35
CAROLOU HURLBERT	58	MARY JAN REEVES		PAMELA FRANKLIN	27	GOLD	4:10.99
FRANCES WESTON	57	JEAN DURSTON		CAT FLORKOWSKI	29	CAROLE GOUGH	36
NANCY BROWN	61	PNA	4:45.30	JILL ROTHKOFF	30	DEBBIE CAVANAUGH	39
C-1776	2:50.34	MARION MUELLER	85	WCM	3:49.87	KATHY OLIVARES	36
M. MCCLAIN	55	PAT MATTHIESEN	80	LAURA VIDAL	34	MEG MAY	39
JAN MOELLER	62	MAXINE CARLSON	77	KATHY WOEHRLE	34	USF	4:18.43
P. TULLMAN	59	HELEN SCHUCHART	78	KELLY JESFIELD	31	SUSAN VONWINCKLER	36
BARBARA JOHNSON	64	*****		MICHELLE GHIGGERI	26	LINDA STANLEY	38
NEM	2:55.54	RELAYS: WOMEN 400 YD. FREE		VMST	3:55.95	MARLA MCGOWAN	42
JOAN MCINTYRE	68	*****		VALERIE NELLEN	26	MICHIKO DAWKINS	35
CLAIRE O'BRIEN	58	19 +		JEANINE PAULSON	27	GCMT	4:31.65
RUTH STAVIS	59	R:U OF SAN FRAN	93 3:46.29	MOLLY DEAN	31	SUSAN MILLER	40
DIANE REED	66	JENNY TONON		KAREN RAMTHUN	26	PAM BECK	39
USF	3:04.57	CYNTHIA HINSHAW		STAN	3:56.32	LAURA WRIGHT	38
SUSAN LANGDON	56	JANET HAUER		LINDA LIPINSKI	37	DIANE ROLLER	35
CAROL REGUADT	59	BRENDA WICKLUND		C.CHICHESTER	33	MARY	4:36.04
PATRICIA DAFOE	57	GOST	3:58.04	MEG LLOYD	36	JILL SPRINGER	38
TANARO HAGIWARA	58	TERRI GOARD	27	MARTIE MCKINNEY	32	VIKI ALTOMONTE	46
NCMS	3:07.06	SISSEL ANDERSSEN	27	WCM	3:59.56	PATTY DEVANNY	38
GERRY SPEAKER	59	TRACY PALENSHUS	24	ANNE OBERG	25	BARBARA PROTZMAN	42
SALLY NEWELL	59	AMY MUNGER	26	SUSAN STRONG	25	C-1776	4:36.43
CEIL BLACKWELL	56	USF	4:00.80	KAREN DUGGAN	26	NANCY BUCK	36
SANDRA KREMER	60	DEA FREDERICK	30	MARCIE DEAN	35	PATRICIA TIMMINS	43
FMM	3:08.17	DAWN MOKUAU	19	USF	3:59.82	SINCLAIR BROWN	43
MARGIE HUTINGER	57	JENNY KUSNER	22	CORY MACKIE	33	BRENDA BARTLETT	36
DORIS PROKOPI	61	NATALIE EFFA	29	SARAH QUICK	33	USF	4:47.46
CARLA CORKINS	56	FCMC	4:03.60	TERRY BILLISH	29	NANCY CUTLER	43
DOROTHY JOHNSON	70	CANDACE CHAM	24	JULIA VINALL	28	MICHELLE SHILDES	40
		ELKE HOFFMAN	25	DAM	4:04.90	BARBARA KLENCKE	39
		KAT TRIGG	26	TRACY KNORR	27	CATHY HUANG	42
65 +		STEPHENIE BEISER	28	JENNY LUNDMARK	31		
R:GOLD COAST	95 2:41.79	MARY	4:04.77	CHRISTINE SCHULTZ	25	45 +	
BLANCHE GRAUER		JOANNE SONBERG	22	R.BRITTINGHAM	45	R:DC MASTERS	93 4:21.71
CYNTHIA BRUCE		RACHEL BERKOWITZ	26	ART	4:05.67	RUTH BENNETT	
JUNE KRAUSER		MARYANN STOTT	24	VICKI MOUW	31	BARBARA FRID	
MARGARET TIMMONS		KRISTEN CORBETT	30	RAE RILEY	33	ANN SVANSON	
OSB	3:09.07	TERA	4:06.41	JILL VANAUKEN	27	ANN LYTTLE	
GAY COLLINS	66	SUZANNE HEIM	38	RACHAEL WALTON	26	C-1776	4:32.24
MAGGIE MORS	71	MELISSA ASHLEY	20	SDSM	4:08.83	CECILIA MCCLOSKEY	47
MAL OLSHAN	59 66	STACI MALIN	23	NANCY NORTH	28	C.SCHROEDER	47
RUTH BAAR	74	JEANETTE DWELLEY	37	VICKY DAVIDSON	32	J.GREULICK-BYRON	46
SDSM	3:11.41	USF	4:21.27	D.MORTENSEN	25	STEPHANIE WALSH	47
DIANA SILVA	74	HEATHER ROYER	22	MARCI HUBAL	34	MAM	5:05.42
ALICIA COLEMAN	71	HEATHER PERONI	26	FAST	4:16.15	TERESA PICCHI	45
ANN DALLAM	66	NANCY MCILVAINE	29	SAMANTHA ROYER	26	JENNY WHITE	47
BOBBI TURCOTTE	69	LISA PEZZANI	27	NANCY HOWE	31	RUTH SMAPS	49
WCM	3:19.73	GOLD	4:21.77	ELISE SELZ	26	MAGGIE FILLMORE	46
JAE HOWELL	74	ALITA RUMSEY	34	BARB MISENER	30	SDSM	5:06.81
JOAN ALEXANDER	65	HEATHER GORDON	25			BARBARA DUNBAR	48
FLORENCE LINKE	66	ELIZABETH WEISS	31	35 +		GINI BAKER	46
PAT PREVETZ	75	MEGYN TABACK	23	R:UTAH	95 3:53.23	LENORE CEITHAML	47
NEM	3:28.82	GAJA	4:28.13	ROBYNN MASTERS		PEGGY LEONG	52
PETEY SMITH	72	ALICE ADAMS	50	CATHY PHILPOT		USF	5:14.48
BARBARA BOLEY	72	AVA WHITE	43	CATHY COBURN		B.BRINKERHOFF	45
JOAN MCINTYRE	68	MICHELLE RIEMANN	20	LO KNAPP		CELIA DEMARTINI	45
B.BURRILL	76	S.PFALTZGRAFF	25	WCM	3:57.26	SUNNY BLENDE	46
MARY	3:28.94	SLA	4:33.88	MINDY HAMWAY	38	SUSAN ALLEN	52
MARIAN BRENNAN	65	MARGARET RAMIREZ	19	PATTY LANDARS	40	OSB	6:00.26
JILL COLEMAN	66	OLIVER-WINTERING	42	PAULA ROEMER	35	LESLIE OGDEN	50
FRANCES HAYWOOD	65	KERRI NAUFUL	40	CAREN MCNAMARA	36	TINA DRENNAN	49
CAROL KNEPP	71	SUSAN HUMMER	27	TOC	4:04.34	CAROLE BORLAND	53
USF	4:20.51	OSB	4:40.20	DANIELLE OGIER	44	LOIS GOODMAN	50
MARY GREER	75	ROBIN DOTSON	19	CAROL BADGER	37	WCM	6:10.71
ANNALISA RECCHIA	79	KRISSELL DOTSON	44	PHYLLIS QUINN	41	LINDA BURR	50
MARGARET VOORHEES	68						

TOP TEN - SHORT COURSE YARDS

JOAN ALEXANDER	65	ALICIA COLEMAN	71	KELLY ASPLUND		BOBBIE O'KEEFE	40
JEAN DUNCAN	66	ANN DALLAM	66	WCM	4:15.67	PAM BECK	39
DONNA MONROE	63	OSB	6:36.60	KATHLEEN HARTNETT	25	SUSAN MILLER	40
USF	6:12.85	RUTH BAAR	74	KAREN DUGGAN	26	C-1776	4:45.66
LAUREN CHAITKIN	52	GAY COLLINS	66	CHARLENE O'BRIEN	40	VIBEKE SWANSON	35
DOROTHY REMINGTON	51	MAGGIE MORS	71	Laurie VIDAL	34	PATRICIA TIMMINS	43
MARTHA CAMPBELL	48	MAL OLSHAN	59 66	VMST	4:23.91	BRENDA BARTLETT	36
JAN BREWER	47	USF	8:22.66	CAYCEE BUSCAGLIA	32	NANCY BUCK	36
OSB	6:33.01	BYRNES ILSE	70	CHERYL CONLIN	28	GOLD	5:00.14
RONI CARR	49	SARAH DAVIS	73	MOLLY DEAN	31	KATHY OLIVARES	36
LEONE WEBSTER	48	ANNA-LISA RECCHIA	74	VALERIE NELLEN	26	DEBBIE CAVANAUGH	39
KITTY JOHNSTON	54	MARGARET VOORHEES	69	SDSM	4:38.33	MEG MAY	39
NOREEN LAWLER	53			LARA BIGLEY	28	B.EDELMAIER	50
		75 +		MARCI HUBAL	34	ECAM	5:41.75
55 +		R:D.C. MASTERS	94 7:24.14	NANCY NORTH	28	HEATHER ANDERSON	36
R:DC MASTERS	97 4:42.36	NANCY CLARK		KATY KINGERY	34	JERRI HOLAN	37
JAYNE BRUNER		MARY LATHRAM		WCM	4:38.79	BLYTHE LUCERO	40
JOANN LEILICH		JEAN CHENAUX		KELLY JESFIELD	31	PHOEBE HOWARD	48
BARBARA FRID		ANNE WALKER		KIM MORGAN	30	LMM	7:05.68
BARBARA ZAREMSKI		NO RELAY TEAMS		KATHY WOERLE	34	NANCY RABIN	59
DCM	4:42.36	*****		TAMIE BAKER	25	CHERI TOLEDO	45
JAYNE BRUNER	62	RELAYS: WOMEN 400 YD. MEDLEY		C-1776	4:39.02	JANE MONAGHAN	41
JOANN LEILICH	58	*****		M. JAMES-COSGROVE	27	LISA DENIS	39
BARBARA FRID	55	19 +		LOUISE BUCKLEY	30	OSB	7:51.94
BARBARA ZAREMSKI	59	R:U OF SAN FRAN	94 4:06.73	Laurie HUG	31	KRISSELL DOTSON	44
SDSM	5:02.41	KATIE WELCH		ALYSON CHICK	34	LAURIE EDGCOMB	43
BETSY JORDAN	60	JENNY TOLON		CRUZ	4:43.92	SUSAN MC MAHON	40
CAROL SING	55	PAM FRANKLIN		SHERRY COOK	32	MARY NATWICK	38
LYNNE LUND	56	CYNTHIA HINSHAW		CINDY HERTZER	27		
JEANNE LITTLE	59	SMMM	4:24.55	MAUREEN CHALMERS	31	45 +	
NCMS	5:39.15	HEATHER KAZAHOFF	21	ELAINE WIMER	36	R:COLONIALS 1776	97 4:57.56
CEIL BLACKWELL	56	JENNIFER DAVIS	22	VEN	4:53.34	CECILIA MCCLOSKEY	
SANDRA KREMER	60	PAM MINTHORN	24	CAROLE SHIGAKI	41	J GREULICK-BYRON	
SALLY NEWELL	59	JEN FEIX	27	MARA MORGAN	25	STEPHANE WALSH	
ALICE JONES	58	STAN	4:54.20	JOAN VER HALEN	27	C SCHROEDER	
USF	5:45.83	MARTIE MCKINNEY	32	STACEY MC KENNEY	26	C-1776	4:57.56
TANAKO HAGIWARA	58	ELIZABETH BAST	19	ECAM	4:59.52	CECILIA MCCLOSKEY	47
PATRICIA DEFOE	57	C.CHICHESTER	33	JULIET COX	29	J.GREULICK-BYRON	46
CAROL REQUADT	59	MARJORIE SHARPE	80	ELLIE JOHNSON	26	STEPHANIE WALSH	47
SUSAN LANGDON	56	NEM	5:04.89	MEREDITH ANDERSON	33	C.SCHROEDER	47
MARY	5:54.47	SUSAN LIVINGSTON	58	LAUREN PENA	32	SMMM	6:12.29
NANCY BROWN	61	JENNIFER KENYON	24	SMMM	5:00.31	BIRCH	46
JOAN LIBBY	55	NANCY THOMSON	32	H. CHRISTENSEN	25	SUZIE SUMMERS	48
IDA SHIFLETT	57	CONSTANCE SASSER	50	M. PETERSON	26	SUZANNE NEWCOME	49
FRANCES WESTON	57	MARY	5:12.05	N. TARADASH	27	KATHLEEN SCHOTTS	51
OSB	6:40.92	KAREN TUCKER	31	K. JORGENSEN	28	OSB	6:46.14
GRACE ALTUS	73	RACHEL BERKOWITZ	26	GCMT	5:04.36	LOIS GOODMAN	50
ELEANOR BROWN	71	KATHY O'CONNOR	43	NATALIE MOSSMAN	30	KITTY JOHNSTON	54
RUTH FARNHAM	67	MARYANN STOTT	24	LORI ANN WILSON	32	LESLIE OGDEN	50
SYLVIA GLENN	59	GOLD	5:14.09	CHRISTIE WOODRUFF	26	LEONE WEBSTER	48
WIS	7:04.94	ALITA RUMSEY	34	JENNIFER BRISKER	32	OSB	8:21.66
INGRID STINE	58	MEGYN TABACK	23			HELEN FREDELL	54
GRACE GRAHAM	60	HEATHER GORDON	25	35 +		RITA MAY	61
DORIS KLITZKE	61	ELIZABETH WEISS	31	R:STANFORD	96 4:21.26	CAROLE BORLAND	53
JUDY DAVIS	61	OSB	5:36.44	KIM CARLISLE		PATTY POST	50
C-1776	7:08.74	JENNIFER TAM	20	EILEEN WALL			
FLORENCE MELICK	75	CRISTEN HUBBELL	19	MEG LLOYD		55 +	
ELIZABETH KRUPKA	59	ROBIN DOTSON	19	NANCY LEWIS		R:DC MASTERS	97 5:14.80
JEAN TROY	69	BARBARA WOOD	39	WCM	4:24.50	BARBARA FRID	
JEANNE MERRYMAN	74	ECAM	5:54.53	PATTY LANDERS	40	JOANN LEILICH	
		SAMANTHA KELMAN	23	SOPHIA OSBORNE	35	JAYNE BRUNER	
65 +		RACHEL BATTIERRA	23	DEB FLANSBERG	41	BARBARA ZAREMSKI	
R:SANTA BARBARA	89 5:32.88	MARGARIE MOORE	29	PAULA ROEMER	35	DCM	5:14.80
SHIRLEY ERICKSON		BETSY GILLILAND	25	VMST	4:35.61	BARBARA FRID	55
GRACE ALTUS		LMM	5:59.16	BETH BAKER	36	JOANN LEILICH	58
RUTH BAAR		JANE MONAGHAN	41	PATTY POWIS	36	JAYNE BRUNER	62
DOROTHY LA CHASSE		ROSEMARY HUTZLEY	42	KITTEN BRAATEN	41	BARBARA ZAREMSKI	59
NEM	6:08.89	SHANNON DIMARTINO	21	LISA BENNETT	40	SDSM	6:18.44
BILLIE BURRILL	70	CATHY RUFF	29	MARY	4:39.36	BETSY JORDAN	60
PETEY SMITH	72			JILL SPRINGER	38	CAROL SING	55
JOAN MCINTYRE	68	25 +		DEBORAH ZIMIC	35	JANET LAMOTT	61
BARBARA BOLEY	72	R:U OF SAN FRAN	92 4:09.85	ELAINE FINCHAM	41	ADRIENNE PIPES	64
SDSM	6:36.32	JILL ROTHKOPF		BARBARA PROTZMAN	42	MARY	6:57.65
DIANA SILVA	74	BETHANNE LAMBERT		GCMT	4:43.13	JOAN LIBBY	55
BOBBI TURCOTTE	69	LORETTA SOFFE		DIANE ROLLER	35	IDA SHIFLETT	57

TOP TEN - SHORT COURSE YARDS

FRANCES WESTON	57	OLIVER-WINTERING	42	OSB	12:59.74	65 +	
NANCY BROWN	61	LMM	11:35.17	MARY NATWICK	38	R:SANTA BARBARA	89 12:14.80
OSB	7:06.28	JANE MONAGHAN	41	LAURIE EDGCOMB	43	SHIRLEY ERICKSON	
SYLVIA GLENN	59	SHANNON DIMARTINO	21	KRISSELL DOTSON	44	GRACE ALTUS	
MAGGIE MORS	71	CATHY RUFF	28	PATTY POST	50	RUTH BAAR	
MAL OLSHAN	59	ROSEMARY HUTZLEY	42	OSB	13:47.52	DOROTHY LA CHASSE	
RUTH BAAR	74			LINDA SWADER	38	OSB	13:36.63
WIS	8:12.79	25 +		TERI LAWTON	44	GAY COLLINS	66
DORIS KLITZKE	61	R:WALNUT CREEK	96 7:59.38	DONNA LECHMAN	38	MAGGIE MORS	71
GRACE GRAHAM	60	PENNY LEACH		CHERYL GARZA	43	RUTH BAAR	74
INGRID STINE	58	WENDY INGRAHAM				MAL OLSHAN	59 66
JUDY DAVIS	61	MICHELLE GHIGGERI		45 +		SDSM	14:51.46
C-1776	8:28.18	SARA SHAND		R:DC MASTERS	93 9:42.96	BOBBI TURCOTTE	69
JEANNE MERRYMAN	74	SDSM	8:23.21	RUTH BENNETT		DIANA SILVA	74
ELIZABETH KRUPKA	59	D.MORTENSEN	25	BARBARA FRID		ALICIA COLEMAN	71
JEAN TROY	69	NANCY NORTH	28	ANN SVANSON		ANN DALLAM	66
FLORENCE MELICK	75	K.PIPES-NEILSEN	34	ANN LYTTLE			
		VICKY DAVIDSON	32	C-1776	9:58.55	75 +	
65 +		SDSM	9:15.64	CECILIA MCCLOSKEY	47	R:WALNUT CREEK	93 17:31.22
R:SANTA BARBARA	89 6:47.55	ALLISON RAAP	38	J.GREULICK-BYRON	46	FRIEDE SIDORSKY	
DOROTHY LACHASSE		CLAUDIA ETTELSON	35	C.SCHROEDER	47	MARY JANE REEVES	
SHIRLEY ERICKSON		MARY MILLER	39	STEPHANIE WALSH	47	JEAN DURSTON	
GRACE ALTUS		KATY KINGERY	34	OSB	13:24.47	SALLY JOY	
RUTH BAAR		SPM	9:25.32	LOIS GOODMAN	50	NO RELAY TEAMS	
SDSM	7:33.94	HEIDE BIGGE	27	CAROLE BORLAND	53	*****	
BOBBI TURCOTTE	69	JO ANN HARRELSON	41	TINA DRENNAN	49	RELAYS: M E N 200 YD. FREE	
ALICIA COLEMAN	71	CHRISTINE SWANSON	34	LESLIE OGDEN	50	*****	
DIANA SILVA	74	LISA SUMMERS	25	OSB	14:42.37	19 +	
ANN DALLAM	66	C-1776	9:43.30	RONI CARR	49	R:TEXAS SWIMMING	95 1:24.72
NEM	8:08.92	LAURIE HUG	31	LEONE WEBSTER	48	JEFF THIBAUT	
PETEY SMITH	72	JOANNE GADD	31	NOREEN LAWLER	53	DEAN PUTTERMAN	
BARBARA BOLEY	72	THERESE HAYES	33	KITTY JOHNSTON	54	REED DUNNE	
JOAN MCINTYRE	68	LOUISE BUCKLEY	30			ROBERT KILLEEN	
B.BURRILL	76	GCMT	9:57.04	55 +		O*H*I*O	1:28.10
OSB	8:19.59	NATALIE MOSSMAN	30	R:DC MASTERS	97 10:38.43	JACK GROSELLE	42
RUTH FARNHAM	67	CHRISTIE WOODRUFF	26	JAYNE BRUNER		PHILIP ARTZ	37
ELEANOR BROWN	71	PAM BECK	39	JOANN LEILICH		BROCK GREYER	24
GAY COLLINS	66	RUTH PERRY	28	BARBARA ZAREMSKI		BRIAN PERRY	25
GRACE ALTUS	73	LYTA	10:14.80	BARBARA FRID		TXAM	1:28.49
WCM	8:29.58	JANET SINISCALCHI	40	DCM	10:38.43	DOUG ELLIS	29
BETTY MCMILLAN	67	ROBYN JACKSON	29	JAYNE BRUNER	62	CLAYTON THOMPSON	20
JEAN DURSTON	82	SOPHIE GRAHAM	26	JOANN LEILICH	58	DALE HUGGINS	24
ELFRIEDE ROGERS	68	GLORIA NEMET	32	BARBARA ZAREMSKI	59	ANDERS RASMUSSEN	33
FLORENCE LINKE	66			BARBARA FRID	55	UTAH	1:31.96
		35 +		SDSM	11:17.48	JOHN TOBEY	25
75 +		R:LAKESIDE	96 8:38.48	BETSY JORDAN	60	ERIK CRANKSHAW	24
R:ST.PETE	94 10:03.90	MELINDA SCHMITT		DEBORAH PECKHAM	57	CHRIS HORNE	24
MARIAN MCKECHNIE		MARY CHRIS CURT		JANET LAMOTT	61	JON FROHLICH	24
WIN KENNEDY		AMY POPE		CAROL SING	55	CHMS	1:32.03
KAY SCHIMPF		PAM MARTIN		SPM	12:10.27	JEFFREY HOGG	31
FRANCES CICHANSKI		WIS	9:43.19	KATE KNIGHT-PERRY	61	BRAD SCHMIED	24
NO RELAY TEAMS		MELINDA MANN	40	MARY LOU LEE	55	PAUL WIDMAN	24
*****		PATTY BAUS	38	SANDY STEER	57	MICHAEL NEAL	33
RELAYS: WOMEN 800 YD. FREE		NEDRA MOORE	42	JAYNE LAMBKE	57	TXAM	1:32.43
*****		NANCY EHRKE	43	MARY	13:17.85	M.HANNESSCHLAGER	22
19 +		C-1776	9:48.64	NANCY BROWN	61	EDWARD WANG	22
R:U OF SAN FRAN	94 8:07.90	VIBEKE SWANSON	35	JOAN LIBBY	55	TRUETT SMITH	46
PAM FRANKLIN		BRENDA BARTLETT	36	IDA SHIFLETT	57	BEN WARFIELD	20
CYNTHIA HINSHAW		SINCLAIR BROWN	43	FRANCES WESTON	57	SOS	1:32.68
JANET HAUER		PATRICIA TIMMINS	43	OSB	14:32.46	PHIL MCCLURG	25
KATIE WELCH		VMST	10:09.15	RUTH FARNHAM	67	ERIC FERNANDO	28
MARY	9:16.53	JEANNE CROUSE	40	GRACE ALTUS	73	SEAN KELLY	23
JOANNE SONBERG	22	DIANE CAYCE	41	ELEANOR BROWN	71	MICHAEL CICHELO	28
DEBORAH ZIMIC	35	NANCY MILLER	47	SYLVIA GLENN	59	OREG	1:32.83
RACHEL BERKOWITZ	26	KAREN MICKUNAS	42	WIS	16:14.41	JASON SCHUMAN	22
KRISTEN CORBETT	30	GCMT	10:21.57	JUDY DAVIS	61	ROBERT VAN ANDEL	22
VEN	9:31.74	MANDY SHUMAKER	41	INGRID STINE	58	PATRICK HERRERA	37
JOAN VER HALEN	27	LAURA WRIGHT	38	DORIS KLITZKE	61	PETER METZGER	41
MARA MORGAN	25	DIANE ROLLER	35	GRACE GRAHAM	60	ARIZ	1:33.21
STACEY MC KENNEY	26	PAM ALLEN	41	FMM	16:39.45	DAVID NILSEN	28
DEANNA XANTHOS	24	MARY	10:25.45	JANET PAULSEN	61	RONALD JOHNSON	65
SLA	10:24.12	PATTY DEVANNY	38	DORIS PROKOPI	61	GRAHAM LOWER	19
MARGARET RAMIREZ	19	VIKI ALTOMONTE	46	ROSIE VIJIL	62	TROY DALBEY	28
SUSAN HUMMER	27	SALLY ILIFF	51	MARGIE HUTINGER	57	SPM	1:33.28
KERRI NAUFUL	40	KATHY O'CONNOR	43			BRAD HOFFMAN	25

TOP TEN - SHORT COURSE YARDS

ANDREW EATON	24	THOMAS MEADE	39	ROBERT SMITH	53	YU-JIN LEE	63
STUART BARTON	29	CHARLES NORELLI	41	DOUG PRENTICE	48	BCYM	1:59.20
CHRISTOPHER BURKE	34	RMM	1:28.18	TOM COFFEY	46	DON KORTEN	70
PNA	1:33.38	HOLDEN BANK	37	MICHAEL PENDLETON	45	ALBERT MORLEY	59
NICK LECLERCQ	50	RICHARD HESS	42	DAM	1:36.03	DOUGLAS MARKUSIC	55
ALAN CAPRON	27	JAMES LILLEY	37	ANDREW MCPHERSON	50	ELMER EGELKRAUT	63
RANDALL YURCHAK	24	RUSSELL MARSH	41	PAUL LANDES	47	IM	2:01.84
CHARLES ROOT	24	IM	1:30.33	G PAUL MENYHARTH	50	STEVE MULLINS	61
		THOMAS MCCABE	39	PETER O'KEEFFE	46	RICHARD DOOLEY	55
25 +		ANDREAS SEIBT	39	WCM	1:36.15	DEWEY HOWELL	57
R:HOUSTONIAN CLUB90	1:23.34	JOSEPH MAGIERA	40	CARY KENT	45	RICHARD HANLEY	61
JOHN SMITH		TIMOTHY ROURKE	42	WILLIAM DRULIAS	45		
JEFF FREY		OREG	1:30.58	MAL JESTER	48	65 +	
CLAY BRITT		JEFF WALKER	36	JAMES KING	50	R:SAN DIEGO	96 1:52.53
SAM SEIPLE		ALAN ARATA	35	CRUZ	1:38.08	DONALD BAKER	
BLS	1:25.98	DANIEL KNAUER	36	JOEL WILSON	48	JIM JONES	
DAVID BALIS	30	STEVE GEORGE	37	BRIAN FOSS	54	WILLIAM PHILLIPS	
ED WAGNER	25	GRIN	1:31.22	JOHN SULTAN	49	KENNETH KIMBALL	
BILL WINTERS	29	RICK HOFSTETTER	40	BILL DRULIAS	45	C-1776	1:54.01
STEVE REED	28	GREG BEYERL	39	EMP	1:39.57	ED BITNER	73
ANCM	1:27.39	VINCE POLLARD	38	A.PLAS	45	JOHN EMANUEL	72
JEFFREY RODDIN	28	RALPH DIXON	40	JON EINSIDLER	46	ERNEST MOORE	69
WALLY DICKS	34	CONN	1:31.74	BOB KOLONKOWSKI	49	TED BREEN	69
JASON CRIST	35	WILLIAM HYATT	40	RICHARD ARLUCK	51	SDSM	1:58.69
J CLAY BRITT	36	STEVE HAMMER	36	SDSM	1:39.70	KENNETH KIMBALL	65
RUBA	1:27.79	DAVID LEWIS	40	PHIL SINATRA	46	DONALD BAKER	66
RICHARD TOOTHILL	27	MATT WOOD	36	LELAND SWANSON	45	WALT BECKER	65
ED TSUZUKI	38	WCM	1:32.02	LARRY CARTWRIGHT	49	MILTON SENS	71
SCOTT YEOMANS	32	JOSEPH TACK	39	JERRY O'MARA	50	NEM	2:03.54
CURTIS SAWIN	25	DAVID COOL	36			WIN WILSON	70
AKMS	1:28.77	GARY PATTERSON	37	55 +		F TED HAARTZ	69
RICK ABBOTT	42	GENE HART	44	R:OLYMPIC CLUB	96 1:39.62	JAMES EDWARDS	74
MICHAEL SORENSEN	29	ARIZ	1:32.18	CHARLES RAVEN		TOM LYNDON	65
SHAWN O'CONNELL	26	JOHN PIECUCH	41	JAMES KRUEGER		SPCO	2:05.30
ROBERT FORGIT	35	SCOTT SHAKE	39	RICHARD BASSI		ROBERT SIGERSMITH	72
GRIN	1:30.16	PETER FREDERICK	37	DONALD HILL		LESTER BELL	75
KEVIN DESTAMPE	29	PETER NUNAN	39	OREG	1:45.08	AL ROGERSON	71
JOM SHOPE	31	WH20	1:33.61	GEORGE THAYER	61	RICHARD ROBECKI	66
PAUL NEWSOM	26	BRUCE HATTON	40	DAVID RADCLIFF	63	OSB	2:07.70
STEVE DEMPSEY	32	SCOTT GENKINGER	38	RICHARD WEICK	63	WOODY GAIR	66
LJCC	1:30.17	GARY QUINN	39	DICK SLAWSON	61	JACK SPRACKLIN	66
RANDY FRANKE	31	TOM REUDY	42	GRIN	1:46.25	FRANK PIEMME	72
RICHARD DANIELS	29	GAJA	1:34.08	JERRY MYERS	59	JURGEN SCHMIDT	74
GUNNAR GRANQUIST	32	GLENN CROOKS	44	GEORGE QUIGLEY	56	SPM	2:10.33
AVERY KINTNER	35	SCOTT JONES	44	MEL GOLDSTEIN	58	RICHARD AVERY	73
MINN	1:30.71	DON MARTZ	40	DAVE COSTILL	61	CHARLES KOHNKEN	65
NATHAN LEIGH	41	WALT GILLIKIN	37	GOST	1:48.07	MIKE TORSNEY	66
PAUL WINDRATH	43			ANDY MORROW	58	HAROLD FERRIS	66
J.KOCHENDORFER	36	45 +		JOE LAMBERT	57	FMM	2:11.78
ROBERT HAUCK	31	R:OLYMPIC CLUB	97 1:31.98	YOSHI OYAKAWA	63	ALAN MALONEY	68
RMM	1:30.77	ROBERT STRAND		WALTER LINCOLN	63	RICHARD OLUFS	72
ROBERT-P SMIT	28	TIM BIRNIE		GOLD	1:51.12	PAUL HUTINGER	72
RICHARD PEASE	31	CHARLES YOURD		CAV CAVANAUGH	61	ROBERT MACDONALD	68
MIKE GONZALES	30	STEVE CLARK		ALAN RAPPERPORT	63	SMMM	2:12.45
ROGER KNIGHT	33	WILD	1:30.30NV	BILL DOLAN	68	ROGER CAMPBELL	65
WCM	1:30.89	DAVID BATES	48	WILLIAM QUAYLE	55	ROBERT CUNNINGHAM	68
JOHN CUSTER	36	BOB WALKER	49	SDSM	1:51.62	RAY TAFT	77
TODD BAILEY	26	DENNIS HAMILTON	50	MIKE FRESHLEY	56	DON STUMPHEL	68
STEPHEN STAHL	32	GARY SHANNON	57	JOHN GOODE	63	O*H*I*O	2:14.03
JOHN SCHWENGER	31	TOC	1:31.98	RICKY EVANS	55	PETER VAN DIJK	68
SOS	1:31.01	ROBERT STRAND	51	BILL EARLEY	60	PAUL KRUP	79
ROBERT FORT	39	TIM BIRNIE	51	C-1776	1:54.94	PIERCE BRAY	73
MARK HESSKAMP	37	CHARLES YOURD	45	DAVID BOLDT	55	JOHN DAILY	69
PETER MILOSTAN	37	STEVE CLARK	53	BILL LABARR	56	PNA	2:30.29
MICHAEL GREEN	33	NEM	1:32.95	JACK KIRLIN	58	THOMAS TAYLOR	66
		LARRY SHULMAN	47	DAVID HARRISON	59	HAROLD YOUNG	75
		DANIEL ROGACKI	49	NEM	1:56.54	L.CROSSETT	83
35 +		FRED SCHLICHER	48	MATT CHROSTOWSKI	55	ROY INGHAM	72
R:LONE STAR	90 1:25.72	HOMER LANE	47	RICK BUSHNELL	56		
JAMES MONTGOMERY		RMM	1:35.21	EDWARD SOREL	61	75 +	
RICHARD HESS		LEE MACDONALD	45	HAROLD MILLER	67	R:OREGON	97 2:19.15
TRIP HEDRICK		CHUCK FISCHER	45	MARY	1:57.98	EARL WALTER	
DAVID HAGUE		PAUL MC CORMICK	50	DONALD RICE	63	GERALD HUESTIS	
C-1776	1:27.60	TODD BRYAN	46	JAMES FORSYTHE	59	GILBERT YOUNG	
STU MARVIN	41	OREG	1:35.60	KEN POLLOCK	64	ANDREW HOLDEN	
TRIP HEDRICK	43						

TOP TEN - SHORT COURSE YARDS

OREG	2:19.15	GREGORY MACKEM	27	HOLDEN BANK	37	OREG	1:50.11
EARL WALTER	76	DANIEL BRASSIL	24	RICHARD HESS	42	ROBERT SMITH	53
GERALD HUESTIS	77	WELLS IHERON	24	JOHN HUGO	36	DOUG PRENTICE	48
GILBERT YOUNG	75	MIKE MCKEON	27	GRIN	1:41.40	TOM COFFEY	46
ANDREW HOLDEN	78			GREG BEYERL	39	MICHAEL PENDLETON	45
CM	2:32.88	25 +		RICK HOFSTETTER	40	TOC	1:50.68
BRION WINSHIP	79	R:LONE STAR	91	VINCE POLLARD	38	R. TOD SPIEKER	48
LOUIS GIBERSON	76	MOOK RHODENBAUGH		RALPH DIXON	40	JAMES BEGLINGER	50
WOODROW BOWERSOCK	83	GREG RHODENBAUGH		IM	1:41.65	RICHARD BASSI	56
ROBERT CHRISTIANS	81	BOBBY PATTEN		ANDREAS SEIBT	39	EDWARD CAZALET	54
SPM	3:05.34	TRIP HEDRICK		JOSEPH MAGIERA	40	TAM	1:52.26
ROBERT ATWOOD	76	SAM	1:33.95	TIMOTHY ROURKE	42	RICHARD BURNS	53
JOHN JOHNSTON	81	MICHAEL KANNER	28	THOMAS MCCABE	39	KENNETH FROST	52
FRED WALBOLT	84	BRUCE HOWELL	40	WCM	1:42.02	ROBERT OLSON	52
BILL UHRICH	76	JEFF FAIOLA	25	GENE HART	44	GARY PARLAPIANO	50
IM	4:17.21	ADAM SCHMITT	31	GARY PATTERSON	37	MICH	1:52.50
JERRY DONOVAN	83	ESST	1:34.99	KERRY O'BRIEN	40	RICHARD CHANEY	46
PAUL MENZIES	81	DEREK ROBINSON	27	JOSEPH TACK	39	STEVE HANSEN	45
ELMER PIERCE	82	JIM BERGEN	29	ESST	1:44.22	LAWRENCE KIMBALL	46
S. VAN PETTEN	84	MARCEL RINZLER	26	MICHAEL HEATHER	43	LEONARD BROCKHAHN	46
*****		BERT BERGEN	30	WAYNE MCCAULEY	48	WCM	1:53.01
RELAYS: M E N 200 YD. MEDLEY		BLS	1:35.52	BRIAN KELCA	36	DAVID AHLMAN	45
*****		ROSS DAVIS	30	ROBERT WHITLEY	47	MAL JESTER	48
19 +		DEAN PUTTERMAN	35	GAJA	1:44.79	JESSE SMYERS	50
R:TEXAS SWIMMING 95	1:33.18	BOBBY PATTEN	34	GLENN CROOKS	44	CARY KENT	45
JEFF THIBAUT		STEVE REED	28	WILLIAM CONNOLLY	35		
DEAN PUTTERMAN		RMM	1:37.02	DON MARTZ	40	55 +	
MICHAEL DUNNE		MIKE GONZALES	30	SCOTT JONES	44	R:OLYMPIC CLUB	95
ROBERT KILLEEN		RUSSELL MARSH	41	WH20	1:45.64	LEWIS COOK	1:57.39
IM	1:41.17	ROBBERT-P SMIT	28	BRUCE HATTON	40	WILLIAM TIMKIN	
GREG GOOCH	25	RICHARD PEASE	31	TOM REUDY	42	JAMES KRUEGER	
DAVID GIBSON	36	RUBA	1:38.50	GARY QUINN	39	CHARLES RAVEN	
TED SOLTYS	36	RICHARD TOOTHILL	27	SCOTT GENKINGER	38	SDSM	2:02.26
MATTHEW KOWAL	24	BENN DOYLE	38	OREG	1:45.84	BILL EARLEY	60
SOS	1:41.75	CURTIS SAWIN	25	PATRICK HERRERA	37	PETER RIDDLE	59
JOE TRISTAN	21	ED TSUZUKI	38	PETER METZGER	41	RICKY EVANS	55
PHIL MCCLURG	25	MARY	1:39.38	ROBERT MOORE	36	MIKE FRESHLEY	56
MICHAEL GREEN	33	JERRY FRENTSOS	31	PHILIP CLARK	38	GRIN	2:02.44
JOHN SPAID	37	MATTHEW FRENTSOS	34	CONN	1:46.73	GEORGE QUIGLEY	56
PNA	1:42.01	PAUL FRENTSOS	35	DAVID BENJAMIN	38	DAVE COSTILL	61
CHRIS MILLER	25	JOHN FRENTSOS	29	GEORGE DOWD	37	MEL GOLDSTEIN	58
J.SHEARSTONE	24	MINN	1:39.74	MATT WOOD	36	JERRY MYERS	59
JACK HALLIGAN	29	ROBERT HAUCK	31	DAVID LEWIS	40	RMM	2:07.74
PATON MCCLUNG	27	J.KOCHENDORFER	36			F.WENDELKEN	58
CHMS	1:42.50	PAUL WINDRATH	43	45 +		BOB PATTEN	62
BRAD SCHMIED	24	NATHAN LEIGH	41	R:THE OLYMPIC CLB97	1:42.48	DENNIS O'BRIEN	61
ABRAHAM SOLANO	27	USF	1:39.96	TIM BIRNIE		MARK PLUMMER	60
PAUL WIDMAN	24	DANIEL VEATCH	31	ROBERT STRAND		NCMS	2:11.88
GEOFFREY THOMAS	27	KEN PASTERNAK	25	CHARLES YOURD		JOHN MURPHY	72
TXAM	1:42.63	MATTHEW CERIZO	28	STEPHEN CLARK		LOU GADOL	55
ANDERS RASMUSSEN	33	MATT JONES	31	TOC	1:42.48	MILTON GEE	60
DALE HUGGINS	24	GRIN	1:41.60	TIM BIRNIE	51	JERRY CLARK	59
CLAYTON THOMPSON	20	KEVIN DESTAMPE	29	ROBERT STRAND	51	GOST	2:13.04
DOUG ELLIS	29	JASON TIMMONS	29	CHARLES YOURD	45	JOHN FLORANCE	74
UTAH	1:42.67	PAUL NEWSOM	26	STEVE CLARK	53	SID HALL	61
CHRIS HORNE	24	STEVE DEMPSEY	32	DAM	1:44.34	YOSHI OYAKAWA	63
JON FROHLICH	24	USF	1:41.60	PETER O'KEEFFE	46	WALTER LINCOLN	63
RYAN THIERBACH	23	DARRELL GLASER	27	G PAUL MENYHARTH	50	GOLD	2:13.76
WADE ROBERTS	19	KAI PETERS	26	ANDREW MCPHERSON	50	ALAN RAPPERPORT	63
WCM	1:42.88	OLEG LITVINOV	26	PAUL LANDES	47	WILLIAM QUAYLE	55
PAT DUGGAN	33	JOHN MONNICH	29	PNA	1:45.89	CAV CAVANAUGH	61
CHRIS REDDAM	24			GARY HAFER	46	CARL HOUSE	57
STEVE STAAL	32	35 +		RICK COLELLA	45	IM	2:14.35
TODD BAYLAR	26	R:COLONIALS 1776	91	LARRY WRIGHT	48	RICHARD HANLEY	61
SPM	1:42.95	STU MARVIN	1:36.66	RONALD JACOBS	45	TIM NORLING	55
MATT GUYOT	23	DAVE SCHMINKE		NEM	1:47.51	RICHARD DOOLEY	55
BRAD HOFFMAN	25	MARK SCHUMAN		HOMER LANE	47	DEWEY HOWELL	57
STUART BARTON	29	CHARLES NORELLI		DANIEL ROGACKI	49	WCM	2:15.63
ANDREW EATON	24	C-1776	1:38.41	FRED SCHLICHER	48	BOB MAYO	65
O*H*I*O	1:44.17	PETER DARDARIS	38	LARRY SHULMAN	47	STAN MORNER	62
CRAIG DALLAM	40	MICHAEL CASCIATO	37	EMP	1:49.94	DON BROWN	63
BRIAN PERRY	25	TRIP HEDRICK	43	BOB KOLONKOWSKI	49	FRED TRASK	69
BROCK GREYER	24	STU MARVIN	41	SCOTT SCHLIEMAN	45	PNA	2:16.70
JACK GROSELLE	42	RMM	1:39.09	RICHARD ARLUCK	51	STEVEN THRASHER	55
USF	1:44.34	JAMES LILLEY	37	A.PLAS	45	THOMAS TAYLOR	66

TOP TEN - SHORT COURSE YARDS

DAVID ADDLEMAN	62	WOODROW BOWERSOCK	83	ED TSUZUKI	38	STEVE HAUFLE	42
THOMAS FOLEY	62	*****		RICHARD TOOTHILL	27	KIRK HALEY	38
USF	2:18.12	RELAYS: M E N 400 YD. FREE		USF	3:24.67	KERRY O'BRIEN	40
DANIEL OSBORNE	69	*****		DARRELL GLASER	27	GENE HART	44
ROBERT FEWSTER	58	19 +		VICTOR CASTILLO	32	DAM	3:39.08
JOE ILLICK	62	R:COLONIALS 1776 93	3:15.05	OLEG LITVINOV	30	BILL HENDERSON	40
C.SAUNDERS	58	ANDREW ELLIS		ANDREW GELLER	28	SCOTT HARRIS	43
		JOESPH THIER		WCM	3:26.21	JACK MILLS	50
65 +		JOHN GAROFALO		PAT DUGGAN	33	ANDY MCPHERSON	50
R:S. CAL AQUATIC 93	2:09.02	EDGAR BORJA		STEVE SMITH	32	SDSM	3:40.63
BOYD JOHNSON		DAM	3:17.68	TODD BAILEY	26	LEE MENCH	44
DONALD HESTER		JOHN KEPPLER	30	JOHN SCHWANGER	31	ALAN VOISARD	36
FRANK PIEMME		MICHAEL COLLINS	31	ART	3:26.29	MIKE WILTGEN	38
JURGEN SCHMIDT		ADRIAN JOHNSON	19	ROB WILHELM	28	AARON STURM	37
FMM	2:16.80	BRAD WINSOR	25	JOHN O'KEEFE	29	WIS	3:43.36
PAUL HUTINGER	72	USF	3:30.30	JIM EBERT	33	DAVID WATSON	39
ROBERT MACDONALD	68	JAMES RUGGIERO	24	MARK KAISER	33	RICK SIMONSON	35
JOSEPH KURTZMAN	71	MIKE MCKEON	27	MNLO	3:29.76	STEPHEN JUSTINGER	44
ALAN MALONEY	68	DON LOW	25	ED OWEN	25	ERIC JERNBERG	38
SDSM	2:24.35	STEVEN GOOD	29	JOHN MOORE	32	GOLD	3:47.20
KENNETH KIMBALL	66	SCAM	3:31.96	DAVE KANE	26	JOHN ANDREWS	38
DONALD BAKER	65	E.PIETERS-KWIERS	34	BRIAN SUBLETT	38	WILLIAM ZENGA	42
WILLIAM PHILLIPS	69	ERIC MCGILL	19	GAJA	3:31.11	ROBERT STRAUSS	44
MILTON SENS	71	GLENN VOLOSHIN	41	STUART CROMARTY	32	LAURENCE RUBEL	36
O*H*I*O	2:30.02	LEE WANIE	23	DAN BEATTY	30	CONN	3:47.20
PETER VAN DIJK	68	USF	3:34.56	BOB MURPHY	28	MATT WOOD	36
PAUL KRUP	79	THERON WELLS	24	REED FARRIS	42	JACK GEOGHEGAN	55
PIERCE BRAY	73	DANIEL BRASSIL	29	LMM	3:32.66	JOHN PHILLIPS	50
JOHN DAILY	69	GREGORY MACKEM	27	SHANNON POTTER	26	DAVID LEWIS	40
OSB	2:32.22	PAUL RYDER	29	JOHN LAPP	28		
FRANK PIEMME	72	NCMS	3:36.96	MICHAEL BAUER	27	45 +	
JOHN STERN	73	ANDREW FARRELL	26	DALE WEBSTER	27	R:OLYMPIC CLUB 97	3:28.95
WOODY GAIR	66	R.VAN DER SANDEN	26	SDSM	3:33.34	BOB STRAND	
JURGEN SCHMIDT	74	DAN READ	24	ERIC ABRAHAMSON	34	TIM BIRNIE	
C-1776	2:39.37	ALAN GODFREY	40	JAY GOLDSCHMIDT	30	CHARLES YOURD	
GEORGE MELICK	72	USF	3:37.42	JON MANIFOLD	32	STEVE CLARK	
NORMAN GARSOE	73	MATT STRATTON	26	ROBERT RODEE	25	TOC	3:28.95
ROGER FRANKS	70	BRIAN HERRICK	24	NCMS	3:33.98	BOB STRAND	51
TOM FLYNN	68	CRAIG HANNENIAN	30	GREG ZOLTNER	32	TIM BIRNIE	51
TOC	2:39.81	CHRIS WATTERS	34	BRADLEY DONOVAN	27	CHARLES YOURD	45
RALPH PERRY	70	VMST	3:38.16	JEFF HOWDEN	25	STEVE CLARK	53
WILLIAM CALLENDER	68	CHARLES COCKRELL	28	STEPHAN RODIGER	27	MAM	3:44.56
FRANK GRANNIS	72	DAVID MALSBURY	35			JIM HAUFLE	46
GLYNN JONES	72	COREY RIORDAN	19	35 +		TOM ANDERSON	45
SPM	2:40.02	JAMES WOLFE	28	R:ILLINOIS 97	3:16.15	JOHN CRANE	45
CHARLES KOHNKEN	65	ART	3:40.10	TOM MCCABE		GRANT INMAN	45
RICHARD AVERY	73	ANDREW SMITH	21	TOM REDIG		SDSM	3:44.98
MIKE TORSNEY	66	SEAN FITZGERALD	33	TED SOLTYS		LARRY CARTWRIGHT	49
HAROLD FERRIS	66	WILLIAM BURROWS	29	ANDY SEIBT		LELAND SWANSON	45
WIS	2:40.98	JOHN BROWN	31	IM	3:16.15	PHIL SINATRA	46
W MORGAN BYERS	69	SFSU	3:40.84	THOMAS MCCABE	39	JERRY O'MARA	50
ALEX MACGILLIS	68	KEVIN WILLIAMS	27	TOM REDIG	35	ELSM	3:47.51
ROBERT KUENY	66	KEITH PAUSKA	22	TED SOLTYS	36	BOO GRANER GALLAS	49
LYNN SURLS	79	MASAKAZU TAMIYA	27	ANDREAS SEIBT	38	ROBERT WHITLEY	47
WIS	2:43.13	JOHN CASTELLANO	25	USF	3:27.30	WAYNE MC CAULEY	48
JAMES SEVENICH	67	MAM	3:41.72	DEAN PRZYMUS	36	DONALD PETERSON	45
JOHN BAUMAN	66	FRITZ FORGY	33	HAM HOMAN	37	WCM	3:49.18
TOM MICHELSON	65	JEFF PEARGIN	30	JACK HALLAMAN	36	MAL JESTER	47
HARLAN DRAKE	68	STEVE CAZIARC	41	RICHARD GARRETT	43	JESSE SMYERS	50
GRIN	2:50.30	MATT NICHINI	21	WCM	3:29.41	DON DAVIS	50
FRANCIS MCAREE	66			JOE TACK	36	JACK LANCE	54
IVAN CHALFIE	65	25 +		DAVE COOL	36	USF	3:49.66
ROBERT RISLEY	69	R:U SAN FRAN 97	3:14.18	GARY PATTERSON	37	RICHARD ATONDO	47
ART CROSS	70	MATTHEW CERIZO		TOM DUGAN	38	DUKE DAHLIN	48
		DANIEL VEATCH		C-1776	3:33.37	BILL TULL	45
75 +		JOHN MONICH		WARREN FISHER	40	BRAD PENCE	45
R:COAST MASTERS 95	2:48.32	MATT JONES		ROB LONG	36	GOLD	4:06.78
BRION WINSHIP		USF	3:14.18	MICHAEL CASCIATO	37	PETER LONCATEUX	47
WALTER PFEIFFER		MATTHEW CERIZO	28	STU MARVIN	41	CAV CAVANAUGH	61
ROBERT CHRISTIANS		DANIEL VEATCH	31	NCMS	3:38.17	ALAN RAPPERPORT	63
WOODROW BOWERSOCK		JOHN MONICH	29	MARK TOMMERDAHL	38	WILLIAM QUAYLE	55
CM	3:23.47	MATT JONES	31	DOUG ASBURY	37	SNMS	4:07.89
BRION WINSHIP	79	RUBA	3:16.95	THOM DAVIS	39	STEVE LINTZ	46
ROBERT CHRISTIANS	81	CURTIS SAWIN	25	JONATHAN KLEIN	39	BILL ANSERT	49
LOUIS GIBERSON	76	CHRIS MCGIFFIN	31	WCM	3:38.56	PATRICK CLASS	48

TOP TEN - SHORT COURSE YARDS

DAVE MCKENZIE	49	OSB	5:26.94	THOMAS WISE	30	35 +	
C-1776	4:14.86	WOODY GAIR	66	SCOTT WOOLF	20	R:ILLINOIS	97 3:39.70
DAVID ENGLISH	46	JACK SPRACKLIN	66	ECYM	4:30.88	ANDY SEIBT	
DANIEL CASTELLANO	46	JOHN STERN	73	PAUL WESTBROOK	23	STEVE BOONE	
TOM KRUG	48	BOYD FORD	72	JUSTIN CHEEM	25	TED SOLTYS	
HENRY DETERING	51	WIS	5:50.47	GARY NAKAMURA	25	TOM REDIG	
MICH	4:15.09	HARLAN DRAKE	68	MATT AVENA	31	IM	3:39.70
BOB HERITIER	68	DONALD KILB	70	ECAM	4:37.33	ANDREAS SEIBT	38
DONALD KROEGER	53	LYNN SURLS	79	STEPHEN DUNKLE	33	STEVE BOONE	37
THOMAS MOYER	49	W MORGAN BYERS	69	JOEL ABELSON	21	TED SOLTYS	36
FRANK THOMPSON	45	C-1776	6:03.01	BRIAN SAY	25	TOM REDIG	35
		NORMAN GARSOE	73	R.HOYER-NEILSON	25	EMP	3:59.20
55 +		GEORGE MELICK	72	STAN	4:40.30	JOHN MONTESI	36
R:GRIN	95 4:03.06	ROGER FRANKS	70	BARRY FASBENDER	59	KIP FIERRO	37
DAVID COSTILL		TOM FLYNN	68	CHRIS MORGAN	25	ALBERT WINSLOW	36
MEL GOLDSTEIN		USF	6:44.74	MARK HERNANDEZ	20	ROBERT BLISS	36
FRAN MCAREE		JAMES FRANKEL	73	BILL ROSENBERG	39	C-1776	3:59.81
JERRY MYERS		VICTOR DEKALB	71			WARREN FISHER	40
SDSM	4:10.93	FRED ROGERS	74	25 +		MICHAEL CASCIATO	37
MIKE FRESHLEY	55	RICHARD SCHOMBURG	70	R:ANCM	97 3:31.77	STU MARVIN	41
G.WORTHINGTON	59	GOLD	6:48.37	J CLAY BRITT		ROB LONG	36
STEVE MOSELEY	58	GEORGE BUSSE	65	WALLY DICKS		WCM	4:11.29
BILL EARLEY	60	JACK BOHN	66	JEFFREY RODDIN		CHRIS STEWART	45
NCMS	4:16.53	A.VEGA	71	JASON CRIST		MAL JESTER	47
DICK WEBBER	67	RICHARD KANE	85	ANCM	3:31.77	KERRY O'BRIEN	39
ROLFFS PINKERTON	57			J CLAY BRITT	36	CHARLIE DANIELS	40
JERRY CLARK	59	75 +		WALLY DICKS	34	GOLD	4:12.17
JOHN KORTHEUER	65	R:ST. PETE	91 6:02.78	JEFFREY RODDIN	27	ROBERT STRAUSS	44
USF	4:24.94	JOHN JOHNSTON		JASON CRIST	35	WILLIAM ZENGA	42
DANIEL OSBORNE	64	FRANK TILLOTSON		RUBA	3:37.65	JOEL BURNS	50
ROBERT FEWSTER	58	KERMIT HOTVEDT		RICHARD TOOTHILL	27	LAURENCE RUBEL	36
JOE ILICK	62	WILLIAM MOLLOY		BENN DOYLE	38	IRV	4:15.45
C.SAUNDER	58	NO RELAY TEAMS		CURTIS SAWIN	25	PHILIP BIAS	42
C-1776	4:26.46	*****		SCOTT YEOMANS	32	PRESTON DRAKE	49
DAVID BOLDT	55	RELAYS: M E N 400 YD. MEDLEY		NEM	3:49.47	DANIEL SULLIVAN	36
BILL LABARR	56	*****		CHRISTOPHER WOOD	29	PATRICK GREEN	35
JACK KIRLIN	58	19 +		S.VANKUILEBURG	32	VMST	4:15.80
DAVID HARRISON	59	R:U OF SAN FRAN	92 3:34.08	ROBERT CARR	31	GENNARD LANARA	38
WCM	4:28.44	GARY YANG		ROBERT BERRY	28	MICHAEL KONTOS	36
BOB MAYO	63	JOHN HARLOW		NCMS	3:51.59	J.B. BRINKMAN	38
STAN MORNER	62	MARK FIORITO		THOMAS DAVIS	39	TROY LEWIS	36
FRED TRASK	69	GREG MACKEM		DONALD GILCHRIST	43	SDSM	4:20.73
DON BROWN	63	MINN	3:46.80	ANDREW FARRELL	26	NED MAGGIORA	42
GOST	4:28.89	PETER ROCCA	39	JONATHAN KLEIN	39	COLIN CHINN	38
ANDY MORROW	58	MIKE STEINEMAN	22	RUBA	3:53.33	JAMES BOSWELL	36
JOE LAMBERT	57	JEFF SHEA	33	KENNETH FITCH	31	MICHAEL WILTGEN	39
YOSHI OYAKAWA	63	THAD INGERSOLL	27	ALVIN RODRIGUEZ	30	SMMM	4:21.21
DENNY NEAD	60	VMST	3:59.95	CLAY BOGUSKY	38	BRENT WASHBURNE	35
HHAC	4:52.78	DAVID MALSBURY	35	CHRIS MCGIFFIN	31	PETE SCHOUWEILER	42
JOE BONGIORNO	63	COREY RIORDAN	19	WCM	3:55.90	ROB ALANDT	35
INGOLF HACK	56	JAMES WOLFE	28	PAT DUGGAN	32	JOE JACKSON	38
THOMAS MOYLETT	61	CHARLES COCKRELL	28	STEVE DAHL	32	CRAW	4:24.73
KENNETH DAWSON	66	GCMT	4:02.20	TODD BAILEY	26	CLARKE MITCHELL	64
SDSM	5:14.55	CHRIS BIRNBRICH	33	GREG REMMERT	34	STEVE HECK	47
LLOYD SKRAMSTAD	62	STEVE MEYER	29	OSB	4:00.20	SCOTT RABALAIS	38
TED REEVE	63	JOSHUA GORDON	23	TIM SEGESMAN	25	STANTON CADOW	40
TOM HILLARY	61	DAVID SHEPHERD	31	JASON HEFNER	25		
PETER RIDDLE	58	MINN	4:05.07	DANIEL KINDRON	25	45 +	
NCMS	6:18.47	PETER BRIDGE	26	QUANAH RIDENOUR	26	R:OLYMPIC CLUB	96 3:59.11
MILTON GEE	60	REID THORPE	21	VEN	4:01.80	TOD SPIEKER	
EDWIN MCCARTHY	71	MATSON WALTER	26	DAN BORTON	29	BOB STRAND	
BILL APPLEBAUM	61	ERIK MINGE	29	DAVID KASTIGAR	32	JIM ELDER	
WALTER BRAWER	74	GOST	4:06.96	STEVE LATTA	29	STEVE CLARK	
		M.FRIDERICHS	39	CHAPPIE DEHAVEN	28	MICH	3:52.72NV
65 +		TOM BOYD	40	LJCC	4:02.74	FRANK THOMPSON	45
R:SAN DIEGO	97 4:28.42	CHRIS BLACK	30	BILL CATANIA	34	STEVE HANSEN	45
WALTER BECKER		MICHAEL KRAMER	24	JAMES MURFF	32	LAWRENCE KIMBALL	46
KENNETH KIMBALL		SANR	4:19.63	GUNNAR GRANDQUIST	31	LEONARD BROCKHAHN	46
WILLIAM PHILLIPS		JUSTIN SHARER	23	RANDY FRANKE	31	OREG	4:05.77
DONALD BAKER		BARRY CULP	26	LMM	4:04.54	ROBERT SMITH	53
SDSM	4:28.42	GREG BROWN	26	JOHN LAPP	28	ALLEN STARK	48
WALT BECKER	65	MARK KOKOYACHUCK	30	DALE WEBSTER	27	JOHN COLLINS	45
KENNETH KIMBALL	66	GOST	4:25.93	SHANNON POTTER	26	DOUG PRENTICE	48
WILLIAM PHILLIPS	69	JARED WALKENHORST	22	MICHAEL BAUER	27	CRUZ	4:13.00
DONALD BAKER	65	ANDY CINOMAN	33			JOHN SULTAN	49

TOP TEN - SHORT COURSE YARDS

JOEL WILSON	48					25 +		MIKE WILTGEN	38
BRIAN FOSS	54	65 +				R:SANTA CLARA	94 7:00.25	COLIN CHINN	38
BILL DRULIAS	45	R:ST PETE	96 5:03.76			SERGEY MARINIUK		DAVID VANNICE	40
SDSM	4:27.49	PAUL HUTINGER				FRANZ MORTENSEN		VMST	8:32.79
PHIL SINATRA	46	ROBERT MACDONALD				MICHAEL MOORE		TROY LEWIS	36
JERRY O'MARA	50	MIKE TORSNEY				JON CHRISTENSEN		DAVID MALSBURY	35
LELAND SWANSON	45	THOMAS SMITH				RUBA	7:17.23	GENNARD LANARA	38
LARRY CARTWRIGHT	49	SDSM	5:47.12			CURTIS SAWIN	25	J.B. BRINKMAN	38
MARY	4:32.67	KEN KIMBALL	66			RICHARD TOOTHILL	27	SPM	8:41.63
JACK ILIFF	52	BUD SCHUMACHER	66			SCOTT YEOMANS	32	BILL STEPHENS	45
BOB JOHNSTON	60	PARRY O'BRIEN	65			CHRIS MCGIFFIN	31	GARY BASTIE	46
CHRIS OSTROM	51	WILLIAM PHILLIPS	69			EMP	8:05.57	JOHN AUER	42
NED DALY	52	WIS	5:56.73			STEVEN FISHER	34	TIMOTHY KENNEDY	40
WCM	4:34.32	W MORGAN BYERS	69			JEFFREY BARANY	28	GRIN	9:02.40
DON BROWN	63	ALEX MACGILLIS	68			KIP FIERRO	37	E.CARSTENSEN	42
JACK LANCE	54	ROBERT KUENY	66			MICHAEL RITTER	33	PETER SCHUBERT	36
JESS SMYERS	50	HARLAN DRAKE	68			LMM	8:09.17	R.CRUTCHFIELD	38
DENNIS HORAN	45	SMMM	6:12.52			JOHN LAPP	28	DICK SIDNER	48
C-1776	4:42.02	DON STUMPEL	68			MICHAEL BAUER	27	GCMT	9:07.96
TOM KRUG	48	RAY TAFT	77			DALE WEBSTER	27	JAMES PURDIE	44
JAMES KREMZIER	50	ROGER CAMPBELL	65			SHANNON POTTER	26	JIM CALLAHAN	39
JOHN MCSHANE	45	BOB CUNNINGHAM	68			SDSM	8:14.52	LANCE TIMMONS	36
DANIEL CASTELLANO	46	C-1776	6:30.95			ROBERT RODEE	25	ED POWERS	35
SMMM	5:07.38	GEORGE MELICK	72			ERIC ABRAHAMSON	34	O*H*I*O	9:17.53
JOHN ULRICH	47	NORMAN GARSOE	73			MARK EDELSON	28	GORDON DEMEESTER	54
GARY BRENNER	49	ROGER FRANKS	70			JON MANIFOLD	32	BILL BRETZ	41
DON GALINE	51	TOM FLYNN	68			C-1776	8:28.49	BOB MARTIN	46
DICK PETERSON	60	WIS	6:48.24			BRYAN MACCAUSLAND	34	RICK MARTIN	40
GCMT	5:16.30	JAMES SEVENICH	67			DANIEL WHITEHEAD	31	C-1776	9:33.95
LARRY RINGER	48	JOHN BAUMAN	66			JAMES ROBLES	31	JOHN JR. HOWETT	51
JOHN SWAIM	52	TOM MICHELSON	65			CHRISTOPHER LEWIS	30	JAMES KREMZIER	50
BRAD WOELFEL	47	DONALD KILB	70			GCMT	8:36.93	WARREN FISHER	40
STEVEN ELBERT	49	GOLD	9:34.56			ED POWERS	35	STU MARVIN	41
SMMM	5:20.59	JACK BOHN	66			CHRIS BIRNBRICH	33	OSB	9:38.47
DOUG HEIN	46	MURRAY EAGER	80			DAVID SHEPHERD	31	JOHN SELZER	41
DENNIS FRANK	47	RICHARD KANE	85			STEPHEN MEYER	29	DAVID WILLIAMS	40
LARRY RADETICH	48	GEORGE BUSSE	65			VEN	8:45.66	RUSSELL LAWTON	43
PAUL CALLICK	54					DAN BORTON	29	DAVID SCHRADER	41
		75 +				JOHN KOCKER	42		
55 +		R:ST. PETE	91 6:55.99			STEVE LATTA	29	45 +	
R:SAN DIEGO	97 4:42.59	FRANK TILLOTSON				DAVID KASTIGAR	32	R:OLYMPIC CLUB	94 7:56.06
BILL EARLEY		WILLIAM MOLLOY				MARY	8:48.03	ROBERT STRAND	
MIKE FRESHLEY		JOHN JOHNSTON				BILL KVETKAS	35	TOD SPIEKER	
G.WORTHINGTON		KERMIT HOTVEDT				CHRIS OSTROM	51	TIM BIRNIE	
STEVE MOSELEY		NO RELAY TEAMS				NED DALY	52	BOB MOMSEN	
SDSM	4:42.59	*****				STEVEN MUCHOW	27	C-1776	9:21.22
BILL EARLEY	60	RELAYS: M E N 800 YD. FREE				SBAY	8:48.26	JOHN MCSHANE	45
MIKE FRESHLEY	55	*****				DON KENNEDY	39	DANIEL CASTELLANO	46
G.WORTHINGTON	59	19 +				JOE MC CORMACK	42	HENRY DETERING	51
STEVE MOSELEY	58	R:DAVIS AQUATIC	96 7:09.51			JOHN PITZER	45	DAVID ENGLISH	46
SWOM	5:41.89	BRANDON CARTER				TODD MITTLEMAN	32	WIS	9:50.50
ROBERT KOENIG	59	MATT GRAHN				MARY	9:07.27	GARY BEZELLA	59
KARL WIEDAMANN	58	BRAD WINSOR				MICHAEL LANE	29	ERIC EHRKE	45
ROBERT WILLIAMS	58	JOHN KEPPELER				CHRIS ALLEN	32	PETER LEE	53
JAMES GARVIN	62	SLA	8:51.44			BILL CONROY	53	JOHN WHITE	45
SDSM	5:49.25	GARY REESE	30			JOHN FLANAGAN	50	GCMT	10:22.45
LLOYD SKRAMSTAD	62	MICHAEL RAMIREZ	20					ROBERT O'KEEFE	52
PETER RIDDLE	58	BILL DARBY	49			35 +		JOHN SWAIM	52
TOM HILLARY	61	KARL STEWART	31			R:ILLINOIS	97 7:18.47	TOM HERR	50
TED REEVE	63	VMST	9:20.30			ANDY SEIBT		BRAD WOELFEL	47
C-1776	5:51.95	FORREST SULLIVAN	67			TED SOLTYS		OSB	10:28.93
DAVID BOLDT	55	WILLIAM MARTIN	37			TOM MCCABE		FRED DRENNAN	49
JACK KIRLIN	58	JAMES WOLFLE	28			TOM REDIG		BROCK BERNSTEIN	47
BILL LABARR	56	COREY RIORDAN	19			IM	7:18.47	HARRY DELATRE	50
DAVID HARRISON	59	GCMT	9:27.66			ANDREAS SEIBT	38	RICK GOEDEN	50
MARY	6:03.23	ANDREW PERRY	28			TED SOLTYS	36	OSB	12:22.10
JAMES FORSYTHE	58	JOSH GORDON	23			THOMAS MCCABE	39	STEVE CLOSE	54
BILL RODGERS	64	NORM BRISKER	32			TOM REDIG	35	JOHNNY JOHNSTON	54
FRANK GANOCZY	59	BRAD WOELFEL	47			NCMS	7:43.13	ROBERT MAY	63
JIM GRONSETH	70	GOST	9:30.93			THOMAS DAVIS	39	ROBERT SMITH	54
OSB	6:15.25	CHRISTOPHER PUIN	32			DONALD GILCHRIST	43		
WOODY GATR	66	JARED WALKENHORST	22			JONATHAN KLEIN	39	55 +	
JOHN STERN	73	JOSEPH HOESS	32			DOUGLAS ASBURY	37	R:GRIN	95 9:12.24
ROBERT MAY	63	TODD RADEL	24			SDSM	8:18.53	DAVID COSTILL	
JACK SPRACKLIN	66					LEE MENCH	44	MEL GOLDSTEIN	

TOP TEN - SHORT COURSE YARDS

FRAN MCAREE		JON TEAL	26	PAUL NEWSOM	26	OREG	1:41.62
JERRY MYERS		TERA	1:37.20	KATE MACDONALD	30	ALAN ARATA	35
C-1776	10:10.56	CHRIS PANES	28	T.CHILDRESS-BROWN	33	ROBERT MOORE	36
DAVID HARRISON	59	DAVE BOATWRIGHT	35	TOC	1:36.01	SARAH HOAGLAND	35
BILL LABARR	56	SUZANNE HEIM	38	JAMIE PATRICK	26	KIMBERLY ARATA	37
JACK KIRLIN	58	STACI MALISS	23	STUART CORLISS	41		
DAVID BOLDT	55	DAM	1:37.77	LORETTA SOFFE	30	45 +	
PNA	10:36.59	BRAD WINSOR	25	SHARON PATRICK	25	R:LOS ALTOS	94 1:40.31
STEVE THRASHER	55	KATHERINE GUTHRIE	23	UTAH	1:36.54	DICK THOMAS	
BOB DORSE	64	CHRISTINE SCHULTZ	25	JOHN TOBEY	25	DAVID GRAY	
DAVID ADDLEMAN	61	TIM LYNCH	26	STACEY TOBEY	28	SUSAN ROY	
WALT REID	56	GAJA	1:37.88	HEATHER CREEL	28	CAROLYN BOAK	
		GERARDO VERA	42	ERIK CRANKSHAW	25	RMM	1:43.18
65 +		MICHELLE RIEMANN	20	USF	1:36.79	CHUCK FISCHER	45
R:SAN DIEGO	97 10:15.66	S.PFALTZGRAFF	25	DARRELL GLASER	27	CAROLYN ROCHE	46
WILLIAM PHILLIPS		PAUL MCQUAID	26	NATALIE EFFA	29	JUDY REED	53
KENNETH KIMBALL		DAM	1:38.50	JILL ROTHKOFF	30	LEE MACDONALD	45
WALTER BECKER		JOHN KEPPLER	29	ANDREW GELLER	28	LAM	1:43.37
DONALD BECKER		JENNY LUNDMARK	30	RUBA	1:36.94	KEEFE LODWIG	53
SDSM	10:15.66	TRACY KNORR	27	BRIDGET ROBBINS	27	M.MCDONALD	47
WILLIAM PHILLIPS	69	ADRIAN JOHNSON	19	ED TSUZUKI	38	CAROLYN BOAK	52
KENNETH KIMBALL	66	USF	1:39.21	LORNA CIALDELLA	32	DICK THOMAS	49
WALT BECKER	65	OLEG LITVINOV	30	RICHARD TOOTHILL	27	DAM	1:43.66
DONALD BAKER	66	DAWN HOKUAU	19			PETER O'KEEFFE	46
OSB	11:36.23	JENNY KUSNER	22	35 +		SUSAN MUNN	58
WOODY GAIR	66	MIKE MCKEON	27	R:COLONIALS 1776	97 1:33.86	R.BRITTINGHAM	45
JOHN STERN	73	MNLO	1:39.91	STU MARVIN		ANDREW MCPHERSON	50
BOYD FORD	72	ED OWEN	25	KATHY REMILLARD		PNA	1:43.83
JACK SPRACKLIN	66	DAVE KANE	26	JANE ZIEGLER		GARY HAFER	46
FMM	11:49.02	GAIL RAGAINS	40	CHARLES NORELLI		CHARLOTTE DAVIS	47
ALAN MALONEY	68	TRACEY MCCLAUGHLIN	24	C-1776	1:33.86	BARBARA GUNDRED	45
JOSEPH KURTZMAN	71	WCM	1:40.17	STU MARVIN	41	RONALD JACOBS	45
PAUL HUTINGER	72	KENT PALMER	24	KATHY REMILLARD	36	NEM	1:44.96
ROBERT MACDONALD	68	KATHLEEN HARTNETT	25	JANE ZIEGLER	43	BOB SELTZER	46
SPM	12:21.33	KATHY WOHRLE	34	CHARLES NORELLI	41	JOEL FELDMANN	45
ROBERT ATWOOD	76	CHRIS REDDAM	24	OREG	1:34.08	CONSTANCE SASSER	50
HAROLD FERRIS	66	USF	1:40.33	SIMONE LA PAY	36	FRED SCHLICHER	48
MIKE TORSNEY	66	SARAH QUICK	33	GRACIE GODDARD	37	TAM	1:44.99
CHARLES KOHNKEN	65	DON LOW	25	JEFF WALKER	36	RICHARD BURNS	53
GOST	13:05.40	CAT FLORKOWSKI	29	STEVE GEORGE	37	DIANNE GARCIA	45
DAVID STALEY	67	JAMES RUCCIERO	24	RMM	1:34.64	ROBERT OLSON	52
WARREN FOSTER	71			HOLDEN BANK	37	NANCY RIDOUT	55
EDWARD HABAN	72	25 +		JAMES LILLEY	37	SNM	1:45.66
JOHN FLORANCE	74	R:S. CAL AQUATIC	90 1:29.40	KATHY GARNIER	36	TIMOTHY TYLER	45
C-1776	14:05.89	CHUCK PONTHIER		JUDY NELSON	36	SALLY DILLON	50
NORMAN GARSOE	73	DIANE GRANER		ARIZ	1:37.63	CELESTE MILLER	47
GEORGE MELICK	72	KRISTINE BUSH		JOHN PIECUCH	41	STEVEN LINTZ	46
ROGER FRANKS	70	PETER MCCLAFFERTY		PETER NUNAN	39	GRIN	1:47.20
TOM FLYNN	68	ESST	1:33.16	GAIL STARING	36	TOM PERRIN	46
		BERT BERGEN	30	HUNTLEY COONEY	36	WILLIAM OLDS	48
75 +		D.GRANER-GALLAS	33	WCM	1:38.86	SHARON WISE	50
R:ST. PETE	90 13:46.24	MARY BERGEN	26	GARY PATTERSON	37	SALLY HASBROOK	48
WILLIAM MOLLOY		JIM BERGEN	29	CAREN MCNAMARA	36	UTAH	1:48.71
FRANK TILLOTSON		WCM	1:34.03	PAULA ROEMER	35	PATRICIA WHITE	47
KERMIT HOTVEDT		PATRICK DUGGAN	33	CARY KENT	44	P.KAWAKAMI	46
FRED WALBOLT		LAURIE VIDAL	34	TOC	1:38.95	GEORGE HARRIS	45
NO RELAY TEAMS		STEPHEN STAHL	32	STEVE CLARK	53	DOUGLAS SMITH	45
*****		MICHELLE GHIGGERI	28	DANIELLE OGIER	44	C-1776	1:48.76
RELAYS: MIXED 200 YD. FREE		RMM	1:34.16	CORINNA SEIBT	36	HENRY DETERING	51
*****		RICHARD PEASE	31	JOE DIETRICH	44	JOHN MCSHANE	45
19 +		LAUREEN WELTING	31	AKMS	1:39.08	STEPHANIE WALSH	47
R:LONG BEACH	93 1:31.16	LAURA MCKEEVER	29	RICK ABBOTT	42	CECILIA MCCLOSKEY	47
BERT BERGEN		ROBBERT-P SMIT	28	JOANNE WAINWRIGHT	41		
MATTHEW MITCHELL		USF	1:34.64	RITCHIE SONNER	41	55 +	
SHERRY GAERTNER		MATTHEW CERIZO	28	ROBERT FORGIT	35	R:SAN DIEGO	96 1:54.32
PEGGY GROSS		PAMELA FRANKLIN	27	SDSM	1:39.40	BILL EARLEY	
STAN	1:35.01	SUSIE MORTENSON	28	CLAUDIA ETTELSON	35	BETSY JORDAN	
CHRIS MORGAN	25	MATT JONES	31	MARILYN FINK	42	JEANNE LITTLE	
MARK HERNANDEZ	21	PNA	1:34.91	WILLIE WACHOB	44	MIKE FRESHLEY	
ANN HABERNIGG	35	SCOTT STONE	27	CHRIS DIXON	39	RINC	2:02.85
MARTIE MC KINNEY	32	TRISHA SCHWERZLER	30	PNA	1:40.21	JACK HALLIDAY	60
FAST	1:35.17	SHELLEY BIRNIE	28	GEOFF WILWERDING	35	SUSAN SPRINGER	58
JESSICA SANTO	23	PATON MCCLUNG	27	LISA WILSON	35	BARBARA CALLISON	64
JULIE MOODY	28	GRIN	1:35.47	MARY LIPPOLD	41	JAMES SHAW	56
ERIC NEWTON	24	STEVE DEMPSEY	32	JACK STAVROS	36	GOLD	2:05.08

TOP TEN - SHORT COURSE YARDS

WILLIAM QUAYLE	55	ROGER FRANKS	70	MARK HERNANDEZ	21	PAMELA BOSCOVICH	34
JUNE KRAUSER	70	SDSM	2:28.96	STEVEN ATKINS	34	JOHN SCHWENGER	31
ANNE MCGUIRE	62	WALT BECKER	65	FAST	1:51.17	KERRY O'BRIEN	40
CAV CAVANAUGH	61	ALICIA COLEMAN	71	LESLIE BLACKBURN	26	MICHELLE GHIGGERI	28
WCM	2:05.12	WILLIAM PHILLIPS	69	JULIE MOODY	28	GRIN	1:48.92
BARBARA JORDAN	59	BOBBI TURCOTTE	69	ERIC NEWTON	24	KEVIN DESTAMPE	29
MIDGE KRAETZER	58	O*H*I*O	2:30.71	JON TEAL	26	JASON TIMMONS	29
FRED TRASK	69	JOAN HOFFMAN	67	GRIN	1:51.50	KATE MACDONALD	30
DONALD BROWN	63	BETTY RUSS	70	ANDREW LACAVALA	26	T.CHILDRESS-BROWN	33
SDSM	2:05.60	JOHN DAILY	69	MELISSA KERKER	32	MARY	1:49.24
RICKY EVANS	55	PETER VAN DIJK	68	DEBRA STOUT	23	JERRY FRENTSOS	31
LYNNE LUND	56	SPM	2:31.23	STEVE DEMPSEY	32	MATTHEW FRENTSOS	34
BETSY JORDAN	60	FLORENCE CARR	71	VMST	1:52.19	BARBARA PROTZMAN	42
BILL EARLEY	60	JUNE REYNOLDS	75	VALERIE NELLEN	26	SUSAN JONES	30
MARY	2:05.91	RICHARD AVERY	73	COREY RIORDAN	19	AKMS	1:49.30
JAMES FORSYTHE	59	MIKE TORSNEY	66	JAMES WOLFFLE	28	SHAWN O'CONNELL	26
NANCY BROWN	61	MARY	2:32.78	KAREN RAMTHUN	26	MIA COSTELLO	29
JOAN LIBBY	55	A.EREMCHUK	71	O*H*I*O	1:52.36	MICHAEL SORENSEN	29
YU-JIN LEE	63	JILL COLEMAN	66	LORI SHAW	26	BARBARA MISENER	30
DAM	2:06.21	FRANCES HAYWOOD	65	HEATHER HOLMES	27		
BETTY DUGAN	55	JIM GRONSETH	70	BROCK GREYER	24	35 +	
STEVE CARLSON	77	SMS	2:37.37	BRIAN PERRY	25	R:S. CAL AQUATIC 92	1:44.23
SUSAN MUNN	58	EDNA GORDON	69	LA	1:52.63	CLAY EVANS	
EMORY HAWORTH	61	BARDI DENDY	75	S.PFALTZGRAFF	25	KAREN MELICK	
VMST	2:06.41	BALINT PAPP	75	PAUL MCQUAID	26	JIM BELARDI	
FRANCIS HALL	70	JOHN WOODS	73	GERARDO VERA	42	BONNIE ADAIR	
BETSY DURRANT	55			MICHELLE RIEMANN	20	RMM	1:46.51
CARL RUSS	62	75 +		SPM	1:53.20	JAMES LILLEY	37
JOHNNIE DETRICK	61	R:SAN MATEO	95 2:38.61	LISA SUMMERS	25	HOLDEN BANK	37
OREG	2:10.02	AUDREY ETIENNE		MARK SMITH	27	KIM CROUCH	35
KALEO SCHRODER	61	ZADA TAFT		STUART BARTON	29	KATHY GARNIER	36
SUSANNE SCHUMANN	59	RAY TAFT		LISA ABRAHAM	22	C-1776	1:48.50
DAVID RADCLIFF	63	ED MORAN		DAM	1:53.38	VIBEKE SWANSON	35
GEORGE THAYER	61	SPM	2:58.76	KATHERINE GUTHRIE	23	ROB LONG	36
GRIN	2:10.89	JUNE REYNOLDS	75	TIM LYNCH	26	BRENDA BARTLETT	36
JERRY MYERS	59	BILL UHRICH	76	NINA WURZBURGER	22	STU MARVIN	41
GEORGE QUIGLEY	56	KAY SCHIMPF	79	BRAD WINSOR	25	OREG	1:48.96
MARGE OSTLER	61	ROBERT ATWOOD	76			PETER METZGER	41
MARGIE CRISP	56	PNA	3:14.71	25 +		PAT ALLENDER	38
RMM	2:13.99	L.CROSSETT	83	R:LONE STAR	91 1:39.01	SIMONE LA PAY	36
DONNA RYMAN	60	PAT MATTHIESEN	80	MOOK RHODENBAUGH		GRACIE GODDARD	37
PEGGY BUCHANAN	64	MAXINE CARLSON	77	GREG RHODENBAUGH		C-1776	1:49.09
F.WENDELKEN	58	HAROLD YOUNG	75	VAL KERR-HAUGE		PETER DARDARIS	38
DENNIS O'BRIEN	61	RMM	3:21.59	AMY PLESS		MICHAEL CASCIATO	37
		HERB WALLOWER	75	SAM	1:45.47	KATHY REMILLARD	36
65 +		SALLY RYCKMAN	85	MICHAEL KANNER	28	JANE ZIEGLER	43
R:GOLD COAST	95 2:02.20	AGOTA FROHS	77	BRUCE HOWELL	40	WCM	1:49.91
WILLIAM DOLAN		JOHN WRENN	76	KATHY UTLEY	26	PATTY LANDERS	40
CYNTHIA BRUCE		CM	3:21.83	S.MUNATONES	32	GARY PATTERSON	37
MARGARET TIMMINS		BRION WINSHIP	79	TOC	1:46.58	DEBBIE FLANSBURG	41
DONALD SONIA		MADELEINE MILLER	86	MIKE KECK	37	JOSEPH TACK	39
ARIZ	2:12.57	WOODROW BOWERSOCK	83	JAMIE PATRICK	26	TOC	1:49.96
RONALD JOHNSON	65	MAURINE KORNFELD	75	JOAN SCHRIGER	32	CORINNA SEIBT	36
ART KELLEY	71	*****		SHARON PATRICK	25	STUART CORLISS	41
NANCY MACBETH	68	RELAYS: MIXED 200 YD. MEDLEY		RUBA	1:47.20	STEVE CLARK	53
CAROL TAYLOR	68	*****		LORNA CIALDELLA	32	DANIELLE OGIER	44
NEM	2:13.36	19 +		BENN DOYLE	38	GRIN	1:50.29
TOM LYNDON	65	R:GOLD COAST	95 1:41.15	BRIDGET ROBBINS	27	GREG BEYERL	39
PETEY SMITH	72	LORRAINE PERKINS		ED TSUZUKI	38	RICK HOFSTETTER	40
B.BURRILL	76	JOHN HEATH		WCM	1:48.16	MARY ANN STEVENS	43
F TED HAARTZ	69	SCOTT WALKER		LAURIE VIDAL	34	KAREN LODGE	36
SDSM	2:17.44	HEATHER HAGEMAN		KAREN DUGGAN	26	GAJA	1:51.13
DIANA SILVA	74	ESST	1:44.29	STEPHEN STAHL	32	LINDLEY DOUGHTY	38
DONALD BAKER	65	D.GRANER-GALLAS	33	DAVID COOL	36	WILLIAM CONNOLLY	35
ANN DALLAM	66	JIM BERGEN	29	IM	1:48.18	DON MARTZ	40
MILTON SENS	71	BRIAN KELCA	36	GREG GOOCH	25	WHITLEY GREENE	37
OSB	2:20.94	CLAUDINE MARTINEZ	24	KATIE HAZELWOOD	32	RMM	1:51.90
FRANK PIEMME	72	PNA	1:49.10	SCOTT CARL	25	RICHARD HESS	42
GAY COLLINS	66	M.JENKINS	23	HEATHER MACDONALD	32	RUSSELL MARSH	41
JURGEN SCHMIDT	74	JIM LASERSONH	32	RMM	1:48.31	JUDY NELSON	36
RUTH BAAR	74	MARGEE CURRAN	36	SHELLE MARSH	32	MELANIE DULLEA	35
C-1776	2:25.51	PATON MCCLUNG	27	DUFFY ELLIS	33	WCM	1:52.56
JEAN TROY	69	STAN	1:49.10	LAUREN WELTING	31	GENE HART	44
TOM FLYNN	68	MARTIE MC KINNEY	32	ROBERT-P SMIT	28	BRAD GOTHBERG	35
JEANNE MERRYMAN	74	KATHRYN GELMAN	32	WCM	1:48.71	CHARLENE O'BRIEN	40

TOP TEN - SHORT COURSE YARDS

PAULA ROEMER	36	VMST	2:24.40	MAL OLSHAN	59	66	STEWART MURRAY	34
45 +		FORREST SULLIVAN	67	JACK SPRACKLIN		66	HEATHER KAZAKOFF	21
R:LOS ALTOS	94	BETSY DURRANT	55	SPM	2:54.09		PAM MINTHORN	24
DICK THOMAS		FRANCIS HALL	70	RICHARD AVERY		74	VMST	3:45.66
SUSAN ROY		JOHNNIE DETRICK	61	ABRASHA BRAININ		74	COREY RIORDAN	19
CAROLYN BOAK		GRIN	2:24.74	FLORENCE CARR		71	JEANINE PAULSON	27
DAVID GRAY		GEORGE QUIGLEY	56	MARY LOU MITCHELL		66	KAREN RAMTHUN	26
LAM	1:55.66	MARGIE CRISP	56	MARY	2:54.14		CHARLES COCKRELL	28
DICK THOMAS	49	MEL GOLDSTEIN	58	JILL COLEMAN		66	DSTO	3:45.82
CAROLYN BOAK	52	MARGE OSTLER	61	A.EREMCHUK		71	JULIE BORLESKE	23
KEEFE LODWIG	53	GOLD	2:24.76	JOHN COLLINGS		69	CARRIE LOEHR	22
M.MCDONALD	47	ALAN RAPPERPORT	63	FRANCES HAYWOOD		65	DAVID ROACH	41
NEM	1:57.23	ANNE MCGUIRE	62	PNA	3:01.16		C.COLBURN	25
JOEL FELDMANN	45	WILLIAM QUAYLE	55	JOAN DAVIS		66	MINN	3:46.77
BOB SELTZER	46	JUNE KRAUSER	70	THOMAS TAYLOR		66	COLE PINNOW	22
FRED SCHLICHER	48	MARY	2:25.43	BETTY KERCHEVAL		72	HEATHER NIEMI	20
CONSTANCE SASSER	50	JOAN LIBBY	55	L.CROSSETT		83	NICKI PHILLIPS	27
PNA	1:57.33	TED MURRAY	56	SPCO	3:07.63		ROBERT THOMPSON	28
GARY HAFER	46	YU-JIN LEE	63	BUNNY CEDERLUND		75	STAN	3:51.23
RICK COLELLA	45	NANCY BROWN	61	RICHARD ROBECKI		67	CHRIS MORGAN	25
CHARLOTTE DAVIS	47	RINC	2:25.68	ANGIE SINACORE		66	MARK HERNANDEZ	20
SUZANNE DILLS	52	SUSAN SPRINGER	58	AL ROGERSON		71	ELIZABETH BAST	19
TAM	1:57.43	BARBARA CALLISON	64	75 +			MARTIE MCKINNEY	32
RICHARD BURNS	53	JAMES SHAW	56	R:D.C. MASTERS	92	3:11.96	IRV	3:58.57
GARY PARLAPIANO	50	CHRIS PRAEL	55	ANNE WALKER			PHILIP BIAS	42
DIANNE GARCIA	45	SDSM	2:25.84	KELLEY LEMMON			JEAN-MAR WILHELMI	26
NANCY RIDOUT	55	BETSY JORDAN	60	NANCY CLARK			ERIN REED	23
DAM	1:57.54	RICKY EVANS	55	BERT KASSELL			CHUCK RAINEY	32
PETER O'KEEFE	46	LYNNE LUND	56	SPM	3:38.78		VEN	3:59.33
ANDREW MCPHERSON	50	BILL EARLEY	60	WIN KENNEDY		83	DAN BORTON	29
R.BRITTINGHAM	45	NCMS	2:33.00	JUNE REYNOLDS		75	STACEY MC KENNEY	26
SUSAN MUNN	58	DICK WEBBER	67	BILL UHRICH		76	DEANNA XANTHOS	24
SNM	1:57.97	SALLY NEWELL	59	KERMIT HOTVEDT		82	JOHN KOCKER	42
CELESTE MILLER	47	CEIL BLACKWELL	56	CM	3:47.58		25 +	
DON MCKENZIE	50	DON REYNDERS	72	BRION WINSHIP		79	R:U OF SAN FRAN	92
STEVEN LINTZ	46	RMM	2:35.60	MADELEINE MILLER		86	DAN KNIGHT	3:27.39
A. SUSAN TYLER	48	PEGGY BUCHANNAN	64	LOUIS GIBERSON		76	KELLY ASPLUND	
RMM	1:59.98	BOB PATTEN	62	MAURINE KORNFELD		75	MICHELLE YOUNG	
CHUCK FISCHER	45	F.WENDELKEN	58	RMM	3:52.37		MATT JONES	
MICHAEL CARRIER	50	DONNA RYMAN	60	JOHN WRENN		76	SDSM	3:31.43
JUDY REED	53	65 +		AGOTA FROHS		77	ALAN VOISARD	36
CAROLYN ROCHE	46	R:GOLD COAST	95	HERB WALLOWER		75	K.PIPES-NEILSEN	34
GRIN	1:59.99	CYNTHIA BRUCE	2:22.24	SALLY RYCKMAN		85	VICKY DAVIDSON	32
TOM PERRIN	46	DON SONIA		PNA	4:01.70		LEE MENCH	44
SALLY HASBROOK	48	JUNE KRAUSER		MAXINE CARLSON		77	RUBA	3:31.90
SHARON WISE	50	WILLIAM DOLAN		HAROLD YOUNG		75	KENNETH FITCH	31
DICK SIDNER	48	ARIZ	2:32.38	PAT MATTHIESEN		80	LORNA CIALDELLA	32
LAKE	2:00.53	NANCY MACBETH	68	EVERETT CASSELL		84	BRIDGET ROBBINS	27
WILLIAM TINGLEY	46	CAROL TAYLOR	68	*****			RICHARD TOOTHILL	27
A.WRIGHT-BELKNAP	46	RONALD JOHNSON	65	RELAYS: MIXED 400 YD. FREE			EMP	3:41.67
JOHN NOLAN	48	ART KELLEY	71	*****			JOHN MONTESI	36
M.BLASKE-HULL	47	NEM	2:40.72	19 +			MARGARET MONTESI	33
C-1776	2:02.68	PETEY SMITH	72	R:U OF SAN FRAN	92	3:25.18	CHERYL BARANY	32
CECILIA MCCLOSKEY	47	F TED HAARTZ	69	GREG MACKEM			JEFFREY BARANY	28
STEPHANIE WALSH	47	WIN WILSON	70	JENNIFER SADLER			WCM	3:45.14
JOHN MC SHANE	45	B.BURRILL	76	BRENDA WICKLUND			TODD YENCHE	26
HENRY DETERING	51	O*H*I*O	2:44.79	GARY YANG			LAURIE VIDAL	34
55 +		PETER VAN DIJK	68	MARY	3:40.98		JAMIE BAKER	26
R:D.C. MASTERS	95	JOAN HOFFMAN	67	STEVEN MUCHOW		27	PAT DUGGAN	33
LEE BETTIS		BETTY RUSS	70	CHRISTY SULLIVAN		22	VMST	3:45.32
JOANN LEILICH		JOHN DAILY	69	RACHEL BERKOWITZ		26	VALERIE NELLEN	26
BILL NEWMAN		C-1776	2:46.50	TOM DONLEY		29	MICHAEL KONTOS	36
JAYNE BRUNER		JEANNE MERRYMAN	74	C-1776	3:41.37		MOLLY DEAN	31
CONN	2:21.59	GEORGE MELICK	72	BRYAN MACCAUSLAND		34	JAMES WOLFLE	28
JACK GEOGHEGAN	55	ROGER FRANKS	70	HEATHER DOUGHERTY		22	CRUZ	3:49.25
MARGIT JEBE	58	JEAN TROY	69	LOUISE BUCKLEY		30	ELAINE WIMER	36
JOHN LENARD	66	SDSM	2:47.74	HERB MERKERT		32	JOHN SULTAN	49
SUZANNE GRAHAM	70	DIANA SILVA	75	NEM	3:43.08		SHERRY COOK	32
WCM	2:22.27	PARRY O'BRIEN	65	CHRISTOPHER WOOD		29	BILL DRULIAS	45
BARBARA JORDAN	59	DONALD HUBBARD	69	JENNIFER KENYON		24	SANR	3:49.78
DONALD BROWN	63	ANN DALLAM	66	NANCY THOMSON		32	GREG BROWN	26
MIDGE KRAETZER	58	OSB	2:53.55	ROBERT BERRY		28	BUD SNOGRASS	34
FRED TRASK	69	GAY COLLINS	66	SMMM	3:45.31		KIM BUCK	29
		WOODY GAIR	66	PAUL LIVESAY		29	JANET KAEHMS	31

TOP TEN - SHORT COURSE YARDS

VEN	3:55.94	ED CAZALET		JOHNNIE DETRICK	61	USF	4:01.24
DAVID KASTIGAR	32	CAROLYN BOAK		WCM	5:23.56	DARRELL GLASER	27
STEVE LATTA	29	DAVE GRAY		BOB MAYO	63	DANIEL BRASSIL	25
MARA MORGAN	25	KRISTI KING		BETTY MCMILLAN	67	DAWN MOKUAU	19
JOAN VER HALEN	27	C-1776	4:10.89	DONNA MONROE	63	SARAH QUICK	33
TGM	3:58.05	TOM KRUG	48	DON BROWN	63	VMST	4:06.30
MARK KOTHE	30	HENRY DETERING	51	MARY	5:28.57	GENNARD LANARA	38
ALAN ROBINSON	37	STEPHANIE WALSH	47	KEN POLLOCK	64	COREY RIORDAN	19
BETH SCHEIMANN	34	CECILIA MCCLOSKEY	47	FRANCES WESTON	56	MOLLY DEAN	31
ARLENE HOUSE	34	EMP	4:12.38	JOAN LIBBY	55	KAREN RAMTHUN	26
CRUZ	3:58.20	JANE KATZ	54	PHILIP KERR	61	GOST	4:08.61
JOHN PARKER	33	CHRISTINE ZIMMET	49	SDSM	5:32.13	JOE HOESS	32
CINDY HERTZER	27	A.PLAS	45	LLOYD SKRAMSTAD	62	CHRIS LOGAR	24
BRIAN FOSS	54	RICHARD ARLUCK	51	JANET LAMOTT	61	LORI NOSKOWIAK	32
MAUREEN CHALMERS	31	SDSM	4:16.04	CAROL SING	55	JOE REINHARDT	35
		BARBARA DUNBAR	48	TOM HILLARY	61	MARY	4:11.49
35 +		LENORE CEITHAML	47	C-1776	6:44.66	KRISTEN CORBETT	30
R:TEXAS AQUATIC	95 3:30.17	PHIL SINATRA	46	ELIZABETH KRUPKA	59	CHRISTY SULLIVAN	22
S.NEILSON-BELL		LARRY CARTWRIGHT	49	BILL LABARR	56	TOM DONLEY	29
DAVE HAGUE		VMST	4:24.54	DAVID BOLDT	55	STEVEN MUCHOW	27
KARLENE WISE		MOLLY BRODERSON	45	FLORENCE MELICK	75	NEM	4:13.42
BRUCE GREENWOOD		WARNER BRUNDAGE	54			JENNIFER KENYON	24
C-1776	3:36.79	NANCY MILLER	47	65 +		S.VANKUILENBURG	32
BRENDA BARTLETT	36	JIM MILLER	46	R:OJAI/S BARBARA	96 5:05.22	NANCY THOMSON	32
VIBEKE SWANSON	35	LAM	4:27.01	MALCHIA OLSHAM		ROBERT BERRY	28
ROB LONG	36	DOUG SHEAFFER	50	GAY COLLINGS		DSTO	4:14.30
STU MARVIN	41	JIM MCFADZEAN	50	FRANK PIEMME		JULIE BORLESKE	23
EMP	3:42.94	CAROLYN BOAK	52	JURGEN SCHMIDT		CARRIE LOEHR	22
CAROLYN KOSTER	35	M.MCDONALD	47	SDSM	5:47.16	C.COLBURN	25
KAREN FARNSWORTH	41	MARY	4:29.57	KENNETH KIMBALL	65	DAVID ROACH	41
MATTHEW O'GRADY	36	SALLY ILIFF	51	DIANA SILVA	74	FCMC	4:15.21
ROBERT BLISS	36	VIKI ALTOMONTE	46	ANN DALLAM	66	CHAI SUPATTAPONE	31
WCM	3:47.06	CHRIS OSTROM	51	DONALD BAKER	66	JOSH COHEN	25
KERRY O'BRIEN	39	NED DALY	52	C-1776	5:49.90	CANDACE CHAM	24
PATTY LANDERS	40	C-1776	4:34.02	JEANNE MERRYMAN	74	STEPHANIE BEISER	28
CHARLENE O'BRIEN	40	DAVID ENGLISH	46	TOM FLYNN	68	USF	4:16.46
CHARLIE DANIELS	40	DANIEL CASTELLANO	46	ROGER FRANKS	70	JOSHUA BIRDSALL	24
VMST	3:51.55	J.GREULICK-BYRON	46	JEAN TROY	69	JENNY KUSNER	22
BETH BAKER	36	C.SCHROEDER	47	SDSM	5:59.03	HEATHER ROYER	22
J.B. BRINKMAN	38	SMMM	4:45.62	WALT BECKER	65	HAM HOMAN	31
PATTY POWIS	36	BILL STEUART	60	BOBBI TURCOTTE	69	DAM	4:21.14
DAVID MALSBUY	35	SUE SUMMERS	48	ALICIA COLEMAN	71	CHRISTINE SCHULTZ	25
MARY	3:58.22	DALE FINCH	45	WILLIAM PHILLIPS	69	JEFF JUNGK	24
BILL KVETKAS	35	DON GALINE	51	MARY	6:20.72	MICHAEL COLLINS	31
JIM O'CONNOR	43	MOB	5:00.45	JILL COLEMAN	66	NINA WURZBURGER	21
ELAINE FINCHAM	41	BOB POPP	50	JIM GRONSETH	70	CSPM	4:21.98
BARBARA PROTZMAN	42	JUDY WAGNER	51	JOHN COLLINGS	69	SARAH MARSHALL	20
WCM	4:00.66	SUZY REIERSON	45	FRANCES HAYWOOD	65	BRYAN ALGAR	32
DEBBIE FLANSBURG	41	THOMAS LALK	55	SMMM	6:37.60	ETHAN PETERSON	27
JESSE SMYERS	50	GOST	5:11.95	DON STUMPEL	69	CHRISTI CAMERON	25
DENNIS HORAN	45	CHRIS GILLIGAN	53	BOB CUNNINGHAM	68		
PAULA ROEMER	35	LINDA MCCOWAN	47	AUDREY ETIENNE	80	25 +	
NEM	4:04.77	THOMAS TRIPP	54	HELEN ROUMASSET	82	R:U SAN FRAN	97 3:48.74
RICK BATTISTINI	43	TOM MCTERNAN	53	GOLD	9:44.56	JILL ROTHKOFF	
CONNIE HALLETT	37			JACK BOHN	66	SUSIE MORTENSON	
TRACY GRILLI	40	55 +		IRMGARD KANE	69	MATT CERIZO	
BOB SELTZER	46	R:SAN DIEGO	97 4:25.84	RICHARD KANE	85	MATT JONES	
C-1776	4:18.13	MIKE FRESHLEY		PATTY UPRIGHT	72	USF	3:48.74
WARREN FISHER	40	BETSY JORDAN				JILL ROTHKOFF	30
PATRICIA TIMMINS	43	BILL EARLEY		75 +		SUSIE MORTENSON	28
NANCY BUCK	36	JEANNE LITTLE		R:WISCONSIN	96 6:37.85	MATTHEW CERIZO	28
STEVE KELLY	39	SDSM	4:25.84	BETTY KENDALL		MATT JONES	31
SANR	4:23.56	MIKE FRESHLEY	56	FRAN ZEUMER		WCM	3:53.93
INGA JECHART	41	BETSY JORDAN	60	HERBERT HOWE		KATHLEEN HARTNETT	25
TINA TALBOT	36	BILL EARLEY	60	LYNN SURLES		PATRICK DUGGAN	33
JIM SILK	37	JEANNE LITTLE	59	NO RELAY TEAMS		JEFF ROGERS	30
RON EMHOFF	43	GOLD	4:41.60	*****		LAURA VIDAL	34
SMMM	4:38.28	WILLIAM QUAYLE	55	RELAYS: MIXED 400 YD. MEDLEY		USF	3:58.11
ROB ALONDT	35	JUNE KRAUSER	70	*****		DANIEL VEATCH	31
NITSA SWAIN	39	ANNE MCGUIRE	62	19 +		KEN PASTERNA	25
MITZI ZWIERLEIN	37	CAV CAVANAUGH	61	R:EMPIRE	96 3:54.66	PAMELA FRANKLIN	27
LEON KIEF	43	VMST	5:04.39	DONNA HEIN		CAT FLORKOWSKI	29
		FRANCIS HALL	70	BORIS TALAN		DAM	3:58.92
45 +		BETSY DURRANT	55	AMITY HALL		JOHN KEPPLER	29
R:LOS ALTOS	93 3:57.80	CARL RUSS	62	STEVEN SAKADALES		JENNIFER LUNDMARK	30

TOP TEN - SHORT COURSE YARDS

BRAD WINSOR	25	RUTH SHAPS	49	MIKE FRESHLEY	USF	10:25.24
TRACY KNORR	27	CRAIG SHINER	37	G.WORTHINGTON	MARY BREER	75
CMSC	4:01.83	GRANT INMAN	45	DEBORAH PECKHAM	ANNA-LISA RECCHIA	74
BETSY AIRD	30	MELBA WU	35	SDSM	JIM BISBEE	70
JIM AIRD	30	TAM	4:36.46	BETSY JORDAN	JAMES FRANKEL	73
SCOTT REYNOLDS	28	RICH BURNS	52	MIKE FRESHLEY		
JILL HERNANDEZ	36	THERESA OWENS	39	G.WORTHINGTON	75 +	
EMP	4:03.30	CINDY CLEMENTS	36	DEBORAH PECKHAM	R:SAN MATEO	95 8:10.41
MARGARET MONTESI	33	PETER SAGUES	54	WCM	JOE KAUFMAN	
ENGI SUNDY	33	NEM	4:37.27	DON BROWN	HELEN ROUMASSET	
CHERYL BARANY	32	KEVIN FISHER	42	STAN MORNER	RAY TAFT	
MICHAEL RITTER	33	BOB SELTZER	46	MIDGE KRAETZER	AUDREY ETIENNE	
VMST	4:09.54	TRACY GRILLI	40	DONNA MONROE	NO RELAY TEAMS	
CAYCEE BUSCAGLIA	32	JACKI HIRSTY	44	MARY	*****	
CHERYL CONLIN	28			JOAN LIBBY	RELAYS: MIXED 800 YD. FREE	
JAMES WOLFLE	28	45 +		ALEXANDER PETRLIK	*****	
CHARLES COCKRELL	28	R:LOS ALTOS	94 4:21.50	NANCY BROWN	19 +	
STAN	4:10.03	DICK THOMAS		DONALD RICE	R:DAVIS	92 7:48.42
MARTIE MCKINNEY	32	SUSAN ROY		DAM	ANNA SCOTT	
CHRIS MORGAN	25	CAROLYN BOAK		SUSAN MUNN	C. CHICHESTER	
C.CHICHESTER	33	DAVID GRAY		EMORY HAWORTH	ANDY MCPHERSON	
BRIAN CROWLEY	39	DAM	4:36.44	BETTY DUGGAN	DARREN DUTTO	
C-1776	4:11.07	ANDREW MCPHERSON	50	STEVE CARLSON	CHMS	8:13.94
ALYSON CHICK	34	GAYLE BONDURANT	50	VMST	BRAD SCHMIED	24
M.JAMES-COSGROVE	27	R.BRITTINGHAM	45	BETSY DURRANT	JOHN VOORHEES	38
CHRISTOPHER LEWIS	30	JACK MILLS	50	JOHNNIE DETRICK	MICHAEL LEMKE	39
ERIC STEELMAN	33	C-1776	4:37.52	CARL RUSS	MICHAEL NEAL	32
RINC	4:19.54	TOM KRUG	48	CALVIN BARNES	MARY	8:17.00
CHRIS KANAZAWN	29	STEPHANIE WALSH	47	USF	JOANNE SONBERG	22
KAI CHI CHING	26	CECILIA MCCLOSKEY	47	TANAKI HAGIWAKA	RACHEL BERKOWITZ	26
JIM WANDERER	30	HENRY DETERING	51	CAROL REQUADT	BILL KVETKAS	35
MARTIN DONAHOE	30	MARY	4:47.64	ROBERT FEWSTER	STEVEN MUCHOW	27
		BONNIE JOHNSTON	45	DANIEL OSBORNE	WILD	8:17.38
35 +		JACK ILIFF	52	WCM	KARA KELLY	20
R:COLONIALS 1776 97	4:00.75	CHRIS OSTROM	51	BOB MAYO	MARGO LYNCH	24
VIBEKE SWANSON		VIKI ALTOMONTE	46	NEIL STRATTON	WENDY HIPSKIND	25
ROBERT LONG		USF	4:49.77	JOAN ALEXANDER	STACY FINGALSON	24
STU MARVIN		DUKE DAHLIN	48	JEAN DUNCAN	NEM	8:21.90
BRENDA BARTLETT		SUSAN ALLEN	52	MARY	S.VANKUILENBURG	32
C-1776	4:00.75	BRAD PENCE	45	JILL COLEMAN	JENNIFER KENYON	24
VIBEKE SWANSON	35	B.BRINKERHOFF	45	CAROLOU HURLBERT	NANCY THOMSON	32
ROB LONG	36	SDSM	4:51.01	YU-JIN LEE	ROBERT BERRY	28
STU MARVIN	41	LELAND SWANSON	46	JAMES FORSYTHE	USF	8:22.61
BRENDA BARTLETT	36	LENORE CEITHAML	47		JAMES RUGGIERO	24
WCM	4:03.44	BARBARA DUNBAR	48	65 +	HEATHER ROYER	22
GENE HART	44	LARRY CARTWRIGHT	49	R:COLONIALS 1776 93	LISA PEZZANI	27
GARY PATTERSON	37	GOLD	4:52.53	JEANNE MERRMAN	MATTHEW CERIZO	28
DEB FLANSBURG	42	RORIE ANDERSON	45	ROGER FRANKS	VMST	8:22.91
CAREN MCNAMARA	36	PETER LONCTEAUX	47	JOHN EMANUEL	KAREN RAMTHUN	26
EMP	4:08.88	JOEL BURNS	50	CAROLYN DERR	MICHAEL KONTOS	36
KAREN FARNSWORTH	41	B.EDELMAIER	50	SDSM	LISA BENNETT	40
CAROLYN KOSTER	35	VMST	4:58.53	KENNETH KIMBALL	COREY RIORDAN	19
JOHN MONTESI	36	JIM MILLER	46	ALICIA COLEMAN	MINN	8:49.07
MATTHEW O'GRADY	36	WARNER BRUNDAGE	54	ANN DALLAM	NICKI PHILLIPS	27
VMST	4:10.48	NANCY MILLER	47	WALT BECKER	BETH WOHLBERG	23
BETH BAKER	36	MOLLY BRODERSON	45	SDSM	PAUL WINDRATH	43
PATTY POWIS	36	USF	5:21.43	DIANA SILVA	ERIK MINGE	29
J.B. BRINKMAN	38	MARTHA CAMPBELL	48	DONALD BAKER	USF	8:51.37
DAVID MALSBURY	35	RICHARD ATONDO	47	WILLIAM PHILLIPS	MIKE MCKEON	27
USF	4:18.94	JOHN LADD	51	BOBBI TURCOTTE	JENNA HORNSTOCK	23
DEAN PRZYMUS	36	CELIA DEMARTINI	45	C-1776	SCOTT ADAMS	32
JACK EWING	36	SDSM	5:31.26	JEANNE MERRYMAN	MEG ROYER	23
LINDA STANLEY	38	PEGGY LEONG	52	NORMAN GARSOE	DAM	8:58.07
S.WINCKLER	36	GINI BAKER	46	ROGER FRANKS	ADRIAN JOHNSON	19
MARY	4:20.71	JERRY O'MARA	50	JEAN TROY	REGINA BRITTINHAM	45
DEBORAH ZIMIC	35	PHIL SINATRA	46	SPCO	ELIZABETH BISHAY	33
BILL KVETKAS	35	GOST	5:47.35	BUNNY CEDERLUND	BILL HENDERSON	40
JIM O'CONNOR	43	THOMAS TRIPP	54	RICHARD ROBECKI	USF	9:08.92
BARBARA PROTZMAN	42	CHRIS GILLIGAN	53	AL ROGERSON	ROB MILLER	23
GOLD	4:34.03	LINDA MCCOWAN	47	ANGIE SINACORE	KEIRA ALLEN	27
DEBBIE CAVANAUGH	39	TOM MCTERNAN	53	USF	MIKE SLYTER	34
WILLIAM ZENGA	42			FRED ROGERS	JENNIFER HART	30
FRED MAYER	41	55 +		ILSE BYRNES		
KATHY OLIVARES	36	R:SAN DIEGO	97 5:00.20	VICTOR DEKALD	25 +	
MAM	4:36.42	BETSY JORDAN		SARAH DAVIS	R:WALNUT CREEK	91 7:41.32

TOP TEN - SHORT COURSE YARDS

JOHN BOEGMAN		DAVID MALSBURY	35	DANIEL CASTELLANO	46	FRED ROGERS	74
CATHY COOLEY		USF	8:43.75	J.GREULICK-BYRON	46	ANNA-LISA RECCHIA	74
SARA SHAND		RICHARD GARRET	43	C.SCHROEDER	47	USF	20:02.66
GREG REMMERT		LINDA STANLEY	38	MICH	10:41.60	ILSE BYRNES	70
SDSM	7:53.83	TAITE DARLINGTON	41	THOMAS MOYER	49	JIM RISBEE	70
NED MAGGIORA	42	SUSAN VONWINCKLER	35	DONALD KROEGER	53	SARAH DAVIS	73
K.PIPES-NEILSEN	34	LAKE	8:49.12	FREDERICKA RAPP	52	VICTOR DEKALB	70
VICKY DAVIDSON	32	MELINDA SCHMITT	38	BEVERLY MYERS	61		
ALAN VOISARD	36	PAM MARTIN	39	USF	11:02.14	75 +	
LAKE	8:04.49	MARY CURL	40	JOHN O'CONNOR	49	R:SAN MATEO	93 14:16.33
DALE MERCKER	30	AMY POPE	36	SUNNY BLENDE	46	AUDREY ETIENNE	
JOHN NOLAN	48	GOST	9:44.24	MARTHA CAMPBELL	48	HELEN ROUMASSET	
SAM BLYTHE	37	DEVIN ADLER	35	BILL TULL	46	JOE KAUFMANN	
JOHN GLEASON JR	37	JOHN KANGAS	38	MOB	11:17.74	ED MORAN	
C-1776	8:10.35	MARIANNE ERICKSON	44	BOB POPP	50	NO RELAY TEAMS	
CHRISTOPHER LEWIS	30	NEIL WASSERMAN	41	JUDY WAGNER	51		
LOUISE BUCKLEY	30	USF	9:56.89	SUZY REIERSON	45		
LAURIE HUG	31	KENT FORD	43	THOMAS LALK	55		
BRYAN MACCAUSLAND	34	CATHY HUANG	42				
WILD	8:21.48	NANCY CUTLER	42	55 +			
TODD KENYON	33	ALVIN CUTLER	35	R:SAN DIEGO	97 9:57.76		
TD HAZZARD	25	GCMT	10:05.81	MIKE FRESHLEY			
JOHN GRANT	33	SUE MILLER	39	CAROL SING			
CHIP JAWARSKI	26	ED POWERS	35	BILL EARLEY			
VMST	8:29.23	DENNIS FISHER	37	BETSY JORDAN			
TROY LEWIS	36	PAM ALLEN	40	SDSM	9:57.76		
VALERIE NELLEN	26	WILD	10:55.16	MIKE FRESHLEY	55		
MOLLY DEAN	31	RUSH FISHER	35	CAROL SING	55		
JAMES WOLFLE	28	BOB WALKER	49	BILL EARLEY	60		
MNLO	8:30.69	BOB COOPER	50	BETSY JORDAN	60		
ED OWEN	25	CHARLES SAUNIER	43	GOLD	10:17.97		
LISA SHEEPER	32	WILD	11:24.02	WILLIAM QUAYLE	55		
BRIAN SUBLETT	38	JANICE KREGOR	40	JUNE KRAUSER	70		
JANE BURKS	39	MEG SMATH	40	ANNE MCGUIRE	62		
WCM	8:30.71	GAIL O'MALLEY	42	CAV CAVANAUGH	61		
KERRY O'BRIEN	40	KIMBERLY DEYER	40	SDSM	10:55.10		
CHARLENE O'BRIEN	40			JANET LAMOTT	61		
KAREN DUGGAN	27	45 +		STEVE MOSELEY	58		
BRAD GOTHBURG	35	R:SAN DIEGO	95 9:01.15	DEBORAH PECKHAM	57		
USF	8:35.47	BARBARA DUNBAR		TED REEVE	63		
DARRELL GLASER	27	BETSY JORDAN		USF	11:31.88		
LENY MARCUS	26	RONALD MARCIKIC		DANIEL OSBORNE	64		
TERRY BILLISH	29	CHARLES PATRICK		CAROL REQUADT	59		
CURTICE SMITH	32	C-1776	9:16.67	TANAKO HAGIWARA	58		
USF	8:35.57	CECILIA MCCLOSKEY	47	C.SAUNDERS	58		
OLEG LITVINOV	30	STEPHANIE WALSH	47	C-1776	11:54.99		
MARIA HONIKA	30	TOM KRUG	48	ED MORGAN	57		
HEATHER PERONI	26	HENRY DETERING	51	BETTY KRUPKA	59		
THORSTEN ANDERSON	30	SDSM	9:37.61	DAVID GLADFELTER	60		
USF	8:55.72	BARBARA DUNBAR	48	P. TULLMAN	59		
KEVIN O'BOYLE	32	JERRY O'MARA	50	MARY	13:11.44		
DAWN TAKETA	30	PEGGY LEONG	52	PHILIP KERR	61		
JULIA VINAL	28	LARRY CARTWRIGHT	49	JILL COLEMAN	66		
CHARLES EMM	27	USF	9:42.70	FRANCES WESTON	57		
		DUKE DAHLIN	48	JOHN COLLINGS	69		
35 +		B.BRINKERHOFF	45				
R:COLONIALS 1776 97	7:52.32	RICHARD ATONDO	47	65 +			
ROBERT LONG		SUSAN ALLEN	52	R:LOS ALTOS	93 11:24.83		
BRENDA BARTLETT		VMST	9:45.79	JOHN PONICHIL			
VIBEKE SWANSON		MOLLY BRODERSON	45	DELLA SEHORN			
STU MARVIN		WARNER BRUNDAGE	54	BERNA BENNETT			
C-1776	7:52.32	NANCY MILLER	47	JOHN RICHARDS			
ROB LONG	36	JIM MILLER	46	SDSM	12:05.70		
BRENDA BARTLETT	36	MARY	9:53.64	KEN KIMBALL	66		
VIBEKE SWANSON	35	NED DALY	52	WILLIAM PHILLIPS	69		
STU MARVIN	41	CHRIS OSTROM	51	ANN DALLAM	66		
NEM	8:40.54	VIKI ALTOMONTE	46	DIANA SILVA	75		
KARL KOLB	36	SALLY ILIFF	51	C-1776	13:26.78		
TRACY GRILLI	40	LAKE	10:09.88	JEANNE MERRYMAN	74		
JACKI HIRSTY	44	JAMES GOODWIN	49	TOM FLYNN	68		
DAVID GRILLI	42	TED WATHEN	50	ROGER FRANKS	70		
VMST	8:41.26	GLENN HUBBUCH	51	JEAN TROY	69		
J.B. BRINKMAN	38	RICHARD SCHEU	56	USF	15:48.61		
BETH BAKER	36	C-1776	10:11.23	RICHARD SCHOMBURG	70		
PATTY POWIS	36	DAVID ENGLISH	46	MARGARET VOORHEES	68		

1996 SHORT COURSE METERS ERRATA

400 M. I.M. M E N 40-44		
5:04.55	DAVID BARNES	40
5:11.45	NEIL WASSERMAN	41
5:20.21	NED MAGGIORA	41
5:22.19	CHARLES YOURD	44
5:24.41	CLAY EVANS	43
5:27.66	BILL ADKISON	41
5:29.16	JOHN CULHANE	40
5:32.69	ROBERT WRIGHT	42
5:36.43	FRED FARLEY	42
5:40.26	FRANK THOMPSON	44
1500 M. FREE M E N 60-64		
21:47.84	DAVID RADCLIFF	62
23:23.24	JAMES JOHNSEN	61
25:16.20	DICK CHISHOLM	61
25:28.30	NEIL WORTMANN	61
28:00.75	GEORGE BUSSE	64
28:09.69	FRANK BROWN	60
30:47.07	JOHN GRANEY	63
32:14.29	DAVID GLADFELTER	60
45:31.99	JAMES GOLDSMITH	61
50 M. FREE M E N 85-89		
46.87	FRANK BELLAIRE	86
48.94	JOE IRVINE	85
50.45	DAN DOTTERWEICH	88
50.98	HARRY POLITES	86
52.91	JOHN GLENN	85
56.65	CHARLES WOOD	88
59.49	RICHARD KANE	85
1:09.26	RALPH HOYLE	86
1:16.18	DON NEEFE	88
1:19.61	HAROLD HOFFMAN	88
100 M. FREE M E N 85-89		
1:56.20	FRANK BELLAIRE	86
1:59.75	JOE IRVINE	85
2:04.17	HARRY POLITES	86
2:05.94	CHARLES WOOD	88
2:17.17	RICHARD KANE	85
2:54.23	RALPH HOYLE	86
3:14.59	DON NEEFE	88
3:27.93	HAROLD HOFFMAN	88
50 M. BACK M E N 85-89		
1:02.36	DAN DOTTERWEICH	88
1:05.89	JOE IRVINE	85
1:06.70	JOHN GLENN	85
1:12.62	HARRY POLITES	86
1:32.34	DON NEEFE	88
2:26.83	RALPH HOYLE	86

WORLD RECORDS LONG COURSE METERS (as of 5-1-97)

WRL LCM RECORDS AS OF 05-01-97									
***** M E N *****					***** W O M E N *****				
***** 25-29 *****					***** 25-29 *****				
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	
4:05.99	07-31-94	USA	CHIP HOBSON	400 M. FREE	SARA SHAND	USA	- -89	4:27.53	
8:29.22	07-09-94	FRA	NICOLAS GRANGER	800 M. FREE	EVA MORTENSEN	GBR	04-26-96	9:17.09	
16:28.69	08-08-87	USA	CAMERON REID	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	
57.93	06-05-94	GBR	MARTIN HARRIS	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 *****					***** W O M E N *****				
***** 30-34 *****					***** 30-34 *****				
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	PASCALE VERBAUWEN	BEL	06-22-96	29.17	
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 *****					***** W O M E N *****				
***** 35-39 *****					***** 35-39 *****				
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	BETH KNIGHT	USA	08-14-94	2:08.93	
4:07.64	07-16-95	USA	ROWDY GAINES	400 M. FREE	BETH KNIGHT	USA	08-28-94	4:31.35	
8:38.73	11-12-95	USA	ROWDY GAINES	800 M. FREE	BETH KNIGHT	USA	09-08-94	9:20.62	
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	LAURA VAL	USA	07-22-90	32.39	
1:00.95	08-22-93	USA	WILLIAM SPECHT	100 M. BACK	ZENA HERRMANN	USA	08-28-94	1:08.49	
2:13.83	07-29-90	USA	TOM WOLF	200 M. BACK	ZENA HERRMANN	USA	08-28-94	2:26.66	
30.13	08-27-95	USA	DAVID GUTHRIE	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	SUSAN HALFACRE	USA	08-28-88	1:05.39	
2:06.74	06-26-96	USA	JEFF STUART	200 M. FLY	LAURA VAL	USA	07-30-89	2:26.38	
				100 M. I.M.					
2:15.21	07-09-94	BRA	DJAN MADRUGA	200 M. I.M.	JUDITH LALLIER	USA	08-28-94	2:28.93	
4:50.18	07-09-94	UKR	SERGEY FESENKO	400 M. I.M.	LYNN MARSHALL	CAN	06-22-96	5:24.93	
***** M E N *****					***** W O M E N *****				
***** 40-44 *****					***** 40-44 *****				
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	
1:09.79	06-28-96	GER	JURGEN BRUHN	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	
2:12.43	08-11-96	USA	HESS YNTEMA	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	

WORLD RECORDS LONG COURSE METERS (as of 5-1-97)

***** M E N *****				45-49 *****		***** W O M E N *****			
25.18	07-09-94	RSA	TERRY DOWNES	50 M.	FREE	ARDETH MUELLER	USA	08-08-87	29.08
55.66	07-09-94	RSA	TERRY DOWNES	100 M.	FREE	CONNY BOER-BUYS	NED	06-23-96	1:04.79
2:03.71	05-19-96	USA	TIM BRODERICK	200 M.	FREE	BARBARA DUNBAR	USA	08-11-96	2:22.85
4:24.37	07-28-96	USA	TIM BRODERICK	400 M.	FREE	BARBARA DUNBAR	USA	08-14-94	4:59.86
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
30.42	07-11-93	USA	HUGH WILDER	50 M.	BACK	B BAZUREAU	FRA	03-24-96	34.12
1:05.64	08-27-95	USA	PETER O'KEEFE	100 M.	BACK	B BAZUREAU	FRA	03-24-96	1:13.15
2:23.84	08-27-95	USA	PETER O'KEEFE	200 M.	BACK	CECILIA MCCLOSKEY	USA	08-27-95	2:42.60
32.48	07-09-94	USA	ROBERT STRAND	50 M.	BRST	SUSAN ROY	USA	05-29-94	36.97
1:12.96	94---97	U/R	STRAND/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	07-14-96	3:05.29
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	ARDETH MUELLER	USA	07-11-87	1:12.67
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.	CECILIA MCCLOSKEY	USA	08-27-95	2:46.22
5:10.08	07-28-96	USA	TIM BRODERICK	400 M.	I.M.	BARBARA DUNBAR	USA	08-11-96	5:53.25
***** 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
9:49.89	07-09-94	GBR	SANDY GALLETTY	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
30.93	10-15-88	USA	JOHN SMITH	50 M.	BACK	SATOKO TAKEUJI	JPN	09-15-92	34.87
1:08.52	08-25-96	USA	TIM BIRNIE	100 M.	BACK	SATOKO TAKEUJI	JPN	07-16-95	1:18.86
2:30.37	06-25-96	USA	JOHN CLAVERT	200 M.	BACK	SATOKO TAKEUJI	JPN	09-15-92	2:51.11
33.23	08-25-96	USA	ROBERT STRAND	50 M.	BRST	BONNIE PRONK	CAN	05-20-96	39.18
1:12.38	08-25-96	USA	ROBERT STRAND	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
1:05.82	06-25-96	GBR	TONY JARVIS	100 M.	FLY	ARDETH MUELLER	USA	08-22-93	1:13.86
2:32.65	04-15-93	AUS	PETER GILMORE	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	CLAIRE O'DWYER	IRL	06-27-96	32.04
1:00.87	06-04-95	USA	JEFF FARRELL	100 M.	FREE	YOSHIKO OSAKI	JPN	07-18-93	1:11.01
2:17.63	07-09-94	USA	JEFF FARRELL	200 M.	FREE	YOSHIKO OSAKI	JPN	07-18-93	2:36.58
4:57.21	08-28-94	USA	DAVID HARRISON	400 M.	FREE	YOSHIKO OSAKI	JPN	07-18-93	5:26.57
10:25.67	08-25-96	USA	DRURY GALLAGHER	800 M.	FREE	LAVELLE STOINOFF	USA	08-28-88	11:30.97
19:54.72	06-15-90	USA	BURWELL JONES	1500 M.	FREE	LAVELLE STOINOFF	USA	08-14-88	22:18.91
32.94	07-05-92	USA	YOSHI OYAKAWA	50 M.	BACK	MARGARET WILDING	GBR	06-22-96	36.77
1:12.33	10-03-94	NZL	BARRY YOUNG	100 M.	BACK	S NABUCO DE ABREV	BRA	06-27-96	1:21.41
2:37.16	09-03-94	NZL	BARRY YOUNG	200 M.	BACK	BETSY JORDAN	USA	07-05-92	2:59.18
33.03	07-18-93	JPN	HIROSHI KOTEGAWA	50 M.	BRST	JAYNE BRUNER	USA	08-18-91	39.91
1:17.87	08-28-88	USA	JOHN KORTHEUER	100 M.	BRST	JAYNE BRUNER	USA	08-23-92	1:29.88
2:55.59	06-23-96	USA	TEX HARASZTI	200 M.	BRST	FLORA CONNOLLY	GBR	- -89	3:18.11
29.20	12-01-96	JPN	RYUJI TAKAMINE	50 M.	FLY	GAIL ROPER	USA	08-20-85	35.29
1:08.94	02-16-97	JPN	KOJI IWAMOTO	100 M.	FLY	CLAIRE O'DWYER	IRL	06-25-96	1:23.30
2:40.52	01-18-97	AUS	PETER GILMOUR	200 M.	FLY	FLORA CONNOLLY	GBR	- -89	3:17.68
				100 M.	I.M.				
2:40.01	10-03-94	NZL	BARRY YOUNG	200 M.	I.M.	YOSHIKO OSAKI	JPN	10-01-95	2:59.15
5:45.62	02-13-94	NZL	BARRY YOUNG	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
2:23.11	07-05-92	USA	DONALD HILL	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	PAM HUTCHINGS	AUS	04-08-96	39.09
1:14.72	08-28-94	USA	YOSHI OYAKAWA	100 M.	BACK	PAM HUTCHINGS	AUS	04-07-96	1:27.46
2:45.93	08-22-93	USA	DONALD BROWN	200 M.	BACK	PAM HUTCHINGS	AUS	04-05-96	3:10.08
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
3:00.99	08-20-90	USA	JOHN MASTERS	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

WORLD RECORDS LONG COURSE METERS (as of 5-1-97)

*****		M E N		*****		65-69		*****		W O M E N		*****	
28.78	06-27-96	EAP	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			
10:37.14	06-28-96	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			
37.38	05-20-96	CAN	NICK TEMPLEMAN	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			
33.16	08-25-96	USA	RONALD JOHNSON	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			
3:10.07	09-24-95	JPN	KEIJIRO NAKAMURA	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	AGNES PLISSON	FRA	12-11-94	1:51.36			
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			
3:26.05	06-27-96	USA	JOSEPH KURTZMAN	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	RITA SIMONTON	USA	06-19-93	3:37.64			
6:17.36	07-14-96	JPN	DOMEI SUZUKI	400	M.	FREE	CANDIDA GANDOLPHO	BRA	04-07-96	7:33.09			
12:58.14	06-10-95	USA	RAY TAFT	800	M.	FREE	CANDIDA GANDOLPHO	BRA	09-09-95	15:13.28			
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	J DRAKE-BROCKMAN	AUS	04-07-96	1:47.58			
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	UME WADA	JPN	- -91	8:23.50			
13:50.05	07-09-94	CAN	NORBERT ARTUS	800	M.	FREE	UME WADA	JPN	- -91	17:21.19			
28:54.95	08-13-83	USA	GUS LANGNER	1500	M.	FREE	JEAN DURSTON	USA	07-30-95	33:00.94			
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			
45.45	06-17-95	JPN	HIROMU YOSHIMOTO	50	M.	BRST	DOROTHY WESTON	GBR	06-06-93	59.60			
1:46.92	06-17-95	JPN	HIROMU YOSHIMOTO	100	M.	BRST	DOROTHY WESTON	GBR	06-06-93	2:17.08			
4:00.73	06-23-96	USA	ANTON CERER	200	M.	BRST	DOROTHY WESTON	GBR	06-06-93	5:01.36			
47.24	07-22-95	USA	ROBERT CHRISTIANS	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			
8:16.33	06-22-96	USA	ANTON CERER	400	M.	I.M.	MAXINE MERLINO	USA	08-23-92	10:05.13			

WORLD RECORDS LONG COURSE METERS (as of 5-1-97)

*****		M E N		*****		85-89		*****		W O M E N		*****	
41.53	05-07-93	AUS	FRANK GRIFFITHS	50	M.	FREE	UME WADA	JPN	06-09-96	49.84			
1:41.27	11-13-93	AUS	FRANK GRIFFITHS	100	M.	FREE	JULIA DOLCE	USA	08-27-95	2:00.68			
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	JULIA DOLCE	USA	08-28-94	10:44.25			
17:11.21	10-15-88	USA	GUS LANGNER	800	M.	FREE	JULIA DOLCE	USA	08-06-95	21:54.01			
33:08.42	08-20-89	USA	GUS LANGNER	1500	M.	FREE	JULIA DOLCE	USA	08-27-95	43:35.59			
49.50	02-15-97	JPN	SHOGORO AZUMA	50	M.	BACK	AILEEN SOULE	USA	08-18-91	58.42			
1:59.68	02-16-97	JPN	SHOGORO AZUMA	100	M.	BACK	AILEEN SOULE	USA	06-09-91	2:13.13			
4:43.49	06-19-93	USA	JIM PENFIELD	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			
2:12.18	08-27-95	GER	KARL WITTENBERG	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	JEWEL COOKE	USA	08-25-96	1:26.39			
2:30.73	06-25-96	USA	JESSE COON	100	M.	FLY	KATHERINE PELTON	USA	07-28-91	3:01.14			
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.	JEWEL COOKE	USA	07-14-96	6:17.06			
10:28.43	03-25-94	AUS	FRANK GRIFFITHS	400	M.	I.M.	JEWEL COOKE	USA	08-25-96	13:15.87			
*****		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			
9:44.11	08-22-93	USA	GUS LANGNER	400	M.	FREE							
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			
2:34.82	06-11-95	USA	PETER JURCZYK	100	M.	BACK	AILEEN SOULE	USA	08-25-96	2:23.23			
5:36.88	06-11-95	USA	PETER JURCZYK	200	M.	BACK	DEL ROWLEY	AUS	10-19-96	9:16.56			
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.							

WORLD RECORDS LONG COURSE METERS (as of 5-1-97)

WRL LCM RECORDS AS OF 05-01-97

***** 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 DC MASTERS-USA	08-28-94	2:49.96
JENNIFER LUKER	DIANE REED		ANNE WALKER	JAYNE BRUNER	
BILLIE BURRILL	CLARA WALKER		BARBARA FRID	BARBARA ZAREMSKI	
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 COAST-USA	08-11-96	4:42.96
MAURINE KORNFELD	MAXINE MERLINO		MAURINE KORNFELD	MARTI GOGNIAT	
MADELEINE MILLER	MARTI GOGNIAT		MAXINE MERLINO	MADELEINE MILLER	

***** 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	07-09-94	1:46.69	200-239 OLYMPIC CLB-USA	07-09-94	1:58.50
MICHAEL GARIBALDI	ROBERT STRAND		TIM BIRNIE	ROBERT STRAND	
RICHARD BASSI	JAMES ELDER		RICHARD BASSI	JAMES ELDER	
240-279 GOST-USA	07-05-92	1:58.54	240-279 BUCKEYE-USA	08-28-94	2:17.59
THOMAS OLANDER	SID HALL		YOSHI OYAKOWA	JOHN MEDICI	
KEITH CARTER	JOHN FLORANCE		THOMAS OLANDER	JOHN FLORANCE	
280-319 SHUEI-JPN	09-15-92	2:10.18	280-319 OREGON - USA	08-23-92	2:34.57
SHUICHI MURAYAMA	JUZO TSUBOTA		FLOYD ELIOTT	BOB MORRISON	
ISAMU TAMURA	KEIJIRO NAKAMURA		ANDREW HOLDEN	GERALD HUESTIS	
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 LOS ALTOS - USA	07-09-94	2:14.32
EDWARD CAZALET	LAURA VAL		EDWARD CAZALET	TOM BOAK	
ARLENE PROEBSTING	ROBERT PROEBSTING		CAROLYN BOAK	ARLENE PROEBSTING	
240-279 HOLMES - USA	- -88	2:09.67	240-279 TEAM BC - CAN	05-19-96	2:27.54
			JOAN PARNELL	NICK TEMPLEMAN	
			JACK KELSO	MARY LOU MONTETH	
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 MCAFFEE		MARIA LENK	GASTAO FIGUEIREDO	

WORLD RECORDS SHORT COURSE METERS (as of 5-1-97)

		WRL SCM RECORDS AS OF 05-01-97					
		***** 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
1:04.43	12-14-96	USA	ABRAHAM SOLANO	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
25.40	03-24-96	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
2:08.41	12-15-96	NED	EDWIN VAN NORDEN	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
4:13.95	11-23-96	SUI	JAMES FURRER	400 M.	FREE	BETH KNIGHT	USA 11-06-94 4:33.17
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	KATHERINE BRANCH	USA 03-26-94 2:31.78
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.	S. NEILSON-BELL	USA 03-21-92 1:08.15
2:14.75	04-24-94	USA	MATT CLARK	200 M.	I.M.	KARIN SEICK	GER 10-27-96 2:25.26
4:45.60	12-10-95	USA	MIKE KECK	400 M.	I.M.	BETH KNIGHT	USA 12-11-94 5:23.30
		***** 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
30.80	10-10-93	USA	C MILTENBERGER	50 M.	BRST	NAOMI HEIMBACH	JPN 05-19-96 36.22
1:07.98	10-10-93	USA	C MILTENBERGER	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

WORLD RECORDS SHORT COURSE METERS (as of 5-1-97)

***** 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 JURII	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	
28.38	10-13-96	USA	KEEFE LODWIG	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	
4:54.09	12-10-95	USA	DRURY GALLAGHER	400	M.	FREE	ARDETH MUELLER	USA	11-03-96	5:15.91	
10:04.76	03-01-97	ITA	VITTORIO ERMIRIO	800	M.	FREE	YOSHIKO OSAKI	JPN	04-29-96	11:24.24	
19:45.72	10-30-94	USA	DAVID HARRISON	1500	M.	FREE	LAVELLE STOINOFF	USA	03-12-89	21:35.84	
32.40	10-03-93	GBR	GRAHAM SYKES	50	M.	BACK	HIROMI SATO	JPN	03-16-97	36.11	
1:10.88	10-23-94	NZL	BARRY YOUNG	100	M.	BACK	BETSY JORDAN	USA	06-13-92	1:21.90	
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	
1:08.52	01-26-97	JPN	KOJI IWAMOTO	100	M.	FLY	ARDETH MUELLER	USA	11-03-96	1:21.52	
2:38.90	01-15-97	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	
5:30.62	12-10-95	USA	DRURY GALLAGHER	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	CLARA WALKER	USA	10-15-89	39.60	
1:13.55	10-09-94	USA	JACK BEATTIE	100	M.	BACK	PAM HUTCHINGS	AUS	10-19-96	1:28.61	
2:40.75	10-09-94	USA	JACK BEATTIE	200	M.	BACK	LAVELLE STOINOFF	USA	05-22-95	3:10.79	
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	
1:16.56	- -86	GBR	JACK HALE	100	M.	FLY	HAIKE HOLER	GER	10-06-96	1:29.15	
3:00.10	04-23-95	GER	WERNER MULLER	200	M.	FLY	FLORA CONNOLLY	GBR	04-23-94	3:17.00	
1:15.25	02-04-96	JPN	MASAYASU TANEIKE	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	

WORLD RECORDS SHORT COURSE METERS (as of 5-1-97)

*****		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	GAIL ROPER	USA	09-17-95		3:41.93		
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	11-04-96		44.54		
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 SIMONTON	USA	10-24-93		7:23.29		
12:45.40	11-06-94	USA	RAY TAFT	800	M.	FREE	RITA SIMONTON	USA	11-20-93		15:28.60		
24:46.19	11-14-93	USA	ALDO DA ROSA	1500	M.	FREE	RITA SIMONTON	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	MAXINE MERLINO	USA	12-03-88		2:12.17		
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		
7:05.20	12-17-86	AUS	F LOUGH	400	M.	FREE	JEAN DURSTON	USA	11-06-94		8:39.15		
14:48.88	05-22-95	CAN	NORBERT ARTUS	800	M.	FREE	JEAN DURSTON	USA	11-06-94		17:51.63		
28:43.31	11-20-94	USA	DEXTER WOODFORD	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	10-27-96		56.23		
1:37.17	11-06-94	USA	EDWARD SHEA	100	M.	BACK	WILLY VAN RYSEL	GBR	10-27-96		2:06.92		
3:33.91	11-06-94	USA	EDWARD SHEA	200	M.	BACK	MARIE WICKLUN	USA	06-01-96		4:36.90		
45.52	- -91	GER	KARL WITTENBERG	50	M.	BRST	MAXINE MERLINO	USA	11-08-92		1:05.64		
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		
49.08	08-11-91	USA	JESSE COON	50	M.	FLY	MARIA LENK	BRA	03-12-95		1:02.58		
1:52.51	06-12-94	USA	WALTER PFEIFFER	100	M.	FLY	JEAN DURSTON	USA	11-06-94		2:28.34		
4:25.99	12-11-94	USA	WALTER PFEIFFER	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		
3:50.55	11-19-94	USA	WOODROW BOWERSOCK	200	M.	I.M.	MARIA LENK	BRA	03-12-95		4:40.77		
8:34.45	12-11-94	USA	WALTER PFEIFFER	400	M.	I.M.	MAXINE MERLINO	USA	10-11-92		9:50.43		

WORLD RECORDS SHORT COURSE METERS (as of 5-1-97)

***** M E N ***** 85-89 ***** W O M E N *****										
38.82	03-15-97	GER	R REINSTADTLER	50	M.	FREE	JULIA DOLCE	USA	10-08-95	51.99
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	JEWEL COOKE	USA	03-31-96	1:12.75
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	DAVOGLIO RINA	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.	JEWEL COOKE	USA	01-21-96	2:40.42
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				
1:15.84	12-17-93	USA	GUS LANGNER	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.				

WORLD RECORDS SHORT COURSE METERS (as of 5-1-97)

WRL SCM RECORDS AS OF 05-01-97

***** RELAY 200 M. FREE - WOMEN *****	***** RELAY 200 M. MEDLEY - WOMEN *****
100-119 MICHIGAN-USA 03-31-96 1:45.93 DYNE BURRELL SUSIE DEVLIN MARY MUETING SHEILA TAORMINA	100-119 SHEFFIELD-GBR 10-17-93 2:09.61 HELEN PRATT PIPPA JONES LINZI GAYWOOD LYNNE LEE
120-159 SAN DIEGO-USA 11-09-96 1:53.26 K.PIPES-NEILSEN BETH KNIGHT MATHILDE BOUWMA NANCY NORTH	120-159 SAN DIEGO-USA 12-11-94 2:05.27 VICKY DAVIDSON MATHILDE BOUWMA KARLYN PIPES BETH KNIGHT
160-199 SAN DIEGO-USA 10-22-96 1:59.23 BARBARA DUNBAR MARILYN FINK SALLY KARRASCH K PIPES-NEILSEN	160-199 SAN DIEGO 11-09-96 2:12.54 MARILYN FINK K.PIPES-NEILSEN BARBARA DUNBAR BETH KNIGHT
200-239 TAMALPAIS-USA 10-15-89 2:11.64 ANGELA KONIG LAVERNE ADAMS SHERRY RADEMACHER NANCY RIDOUT	200-239 SG NEUKOLLN-GER 11-10-91 2:29.96 SIEGRID KURTZ MONIKA SENFTLEBEN BRIGITTE MERTEN MARGA SCHULZ
240-279 NEW ENGLAND-USA 12-11-94 2:25.52 CLARA WALKER JENNIFER LUKER BILLIE A BURRILL DIANE REED	240-279 SOLK HELLAS-SWE 03-24-96 2:45.48 KERSTIN GJORES BARBRO FLODSTROM HARRIET DEGIORGIO BRITT GRILLI
280-319 CRONULLA-AUS 10-21-95 2:50.32 NANCYE MITCHELL BETTY STERN BARBARA ROSE HELEN EVANS	280-319 KOEIKAI-JPN 09-24-95 3:19.43 KUMIKO KUBO TAZUKO YASUOKA MASAKO HOTEHAMA TOMIKO OMORI
320-359 ST PETE - USA 10-31-93 4:09.37 MARIAN MCKECHNIE WIN KENNEDY FRANCES CICHANSKI KAY SCHIMPF	320-359 SAN MATEO-USA 10-13-96 4:39.75 HELEN ROUMASSET HILDA BUEL 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 MARK MATTHEWS ANDY COTTER JIM HOBSLEY KEVIN FROST	100-119 SODERTALJE-SWE 03-23-96 1:46.74 TORKEL ARMAN PETER HARALDSSON JONAS AKESSON ANDERS BLADH
120-159 BAYLOR/STAR-USA 03-21-92 1:37.89 RICHARD HESS DOUG MOYSE M.RHODENBAUGH BOBBY PATTEN	120-159 BAYLOR/STAR-USA 04-16-94 1:45.01 JAY YARID GREG RHODENBAUGH BOBBY PATTEN MOOK RHODENBAUGH
160-199 COLONIALS-USA 04-21-96 1:40.74 CHARLES NORELLI THOMAS MEADE MICHAEL SLENKER GREGORY OXLEY	160-199 COLONIALS-USA 04-09-95 1:54.75 J NATHAN LEECH GREGORY OXLEY CHARLES NORELLI ROBERT KROTEE
200-239 S CAL AQUAT-USA 12-11-94 1:47.41 FRED HUBBELL FRANK PIEMME FRANS NELSON PETER O'KEEFFE	200-239 OLYMPIC CLB-USA 10-13-96 2:00.35 TIM BIRNIE ROBERT STRAND RICHARD BASSI JAMES KRUEGER
240-279 BUCKEYE-USA 11-06-94 1:58.22 SID HALL YOSHI OYAKAWA THOMAS OLANDER JOHN FLORANCE	240-279 BUCKEYE-USA 11-06-94 2:16.44 YOSHI OYAKAWA THOMAS OLANDER JOHN MEDICI JOHN FLORANCE
280-319 SHUEI-JPN 11-03-93 2:11.55 KEIJIRO NAKAMURA EISAKU HAYASHI ISAMU TAMURA SHUICHI MURAYAMA	280-319 SHUEI-JPN 11-03-92 2:33.74 GORO TANIGUCHI HIROMU YOSHIMOTO KEIICHI TOKUNAGA SHUICHI MURAYAMA
320-359 LONG BEACH-USA 12-11-94 2:51.43 WALTER PFIEFFER JOHN GLENN WOODROW BOWERSOCK BOB CHRISTIANS	320-359 TOKYO-JPN 11-03-95 3:38.78 SADAHIKO SHIMADA Y.MIYAMOTO KISABURO WADA YAJIRO FUKUDA

***** RELAY 200 M. FREE - MIXED *****	***** RELAY 200 M. MEDLEY - MIXED *****
100-119 JARFALLA-SWE 03-25-90 1:46.19	100-119 LAKESIDE-USA 10-15-89 1:58.28 WILLIAM TINGLEY GINA GATTI MICHAEL HIGGS MELINDA SCHMITT
120-159 ST.PETE-USA 10-13-96 1:45.78 LISA SUMMERS WILLIAM SPECHT MCKEITHEN-BUSSEY STUART BARTON	120-159 LAKESIDE-USA 10-15-89 1:58.28 WILLIAM TINGLEY GINA GATTI MICHAEL HIGGS MELINDA SCHMITT
160-199 SAN DIEGO-USA 11-09-96 1:47.38 BETH KNIGHT K.PIPES-NEILSEN LARRY CARTWRIGHT LEE MENCH	160-199 W HOLLYWOOD-USA 06-24-94 2:01.59 ANDREA DEVUONO KAREN MELICK MICHAEL MEALIFFE THOMAS REUDY
200-239 LINCOLN-USA 10-15-89 1:57.25 PAUL HUTINGER IRENE DAVID COLLEEN MALMEN RAY PADOVAN	200-239 S CAL AQUAT-USA 12-01-96 2:12.20 BONNIE ADAIR KAREN MELICK GARY LANGENDOEN BOB CONGELLIERE
240-279 LOS ALTOS-USA 11-15-92 2:12.98 JOHN RICHARDS JAY CRADDOCK DELLA SEHORN LAURA VAL	240-279 N.CAROLINA-USA 11-10-96 2:26.10 JEANNIE MITCHELL SALLY NEWELL JOHN KORTHEUER DICK WEBBER
280-319 OJAI S BAR-USA 10-15-95 2:35.36 FRANK PIEMME GRACE ALTUS RUTH BAAR JURGEN SCHMIDT	280-319 OJAI S BAR-USA 10-28-95 2:55.31 GAY COLLINS FRANK PIEMME JURGEN SCHMIDT RUTH BAAR
320-359 IBARAGI SC-JPN 05-19-96 3:32.54 YUKIO TAMURA HIROKO TSUCHIYA RITSUKO HAYASHIDA RYUJI FUJIKAWA	320-359 RIO MASTERS-BRA 11-18-95 3:51.75 ALBERTO MIBIELLI LUZIA CARACCILO MARIA LENK GASTAO FIGUEIREDO

USMS TOP TEN

1997 SHORT COURSE YARDS

Inside you will find the **Top Ten Times** for the 1996-1997 Short Course Yards season. These times were performed between June 1, 1996 and May 30, 1997 and reported *in a timely manner* by each LMSC's Top Ten Recorder to Walt Reid, our National Recorder.

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 Darlyne Ferguson, P.O. Box 8005, Canton, OH 44711. Add \$1 for each additional stroke segment desired.

The address label on your Top Ten Times indicates the number of issues remaining on your subscription - **NRI-Q** - indicates it's time to renew. Try not to wait until Betsy has to send you a separate invoice.

The next Top Ten Times is 1997 Long Course Meters and will be mailed in December. Each issue of the Top Ten Times are mailed first class. Forwarding takes time and has a limited duration, please keep us informed of any address changes.

Once again, a big **THANK YOU** goes to Walt Reid, members of the Top 10 Committee and the LMSC Top Ten Recorders, all dedicated volunteers who spend countless hours at their computers on our behalf. Thank You Betsy Durrant, for expertly managing our subscription lists and Gene Donner and Gateway Printing who duplicates this final product.

Happy Swimming!
Tracy

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