

\$6.00

*United States
Masters Swimming, Inc.*

**1993/1994
Top Ten
Short Course Yards**

and

World Records

as of May 1, 1994

**Short Course Meters
Long Course Meters**



Published September 1994

TOP TEN

SHORT COURSE YARDS

50 YD. FREE WOMEN 19-24	28.67 CHANDRA HAISLET 24	28.38 CASHEL MACK 23	25.31 VICKY DAVIDSON 29
23.97 SUDI MILLER 91	29.31 ANN BOLLINGER 24	28.53 SUNNY SMILEY 23	25.31 MITZI KREMER 26
24.50 SARAH ANDERSON 23	29.47 JESSICA HANCHER 19	28.53 MARIE MITTMANN 24	100 YD. FREE WOMEN 25-29
24.51 MICHELLE DAVID 24	29.49 MICHELLE DAVID 23	28.55 CHRISTY LIPSON 24	51.07 SARA SHAND 93
24.62 AMY TIDBALL 24	29.71 KATIE WELCH 23	100 YD. FLY WOMEN 19-24	52.01 MICHELLE CHOW 25
24.73 MARIE MITTMANN 24	29.72 MIKO MCGINTY 23	57.39 SUDI MILLER 91	53.83 STACY JONES 28
24.91 CHRISTY LIPSON 24	29.92 H.COULSON-MOORE 24	1:00.07 MICHELLE DAVID 23	54.17 MITZI KREMER 26
25.00 HEATHER HAGEMAN 23	29.99 CYNTHIA HINSHAW 24	1:00.49 SUNNY SMILEY 23	54.28 CHRISTINE HOLMAN 29
25.01 KIM JOHNSON 24	100 YD. BACK WOMEN 19-24	1:01.10 CHANDRA HAISLET 24	54.36 SUSAN JONES 27
25.01 TRISH KLASMEIER 23	57.96 DEBBIE RISEN 90	1:01.11 KANA SHIBUYA 22	54.36 LOUISE KEOGH 25
25.01 TRICIA BERGER 24	1:01.01 KYM HUCAL 23	1:01.49 PAMELA FRANKLIN 24	54.46 HEATHER STRANG 27
25.05 HEATHER REAGAN 23	1:02.30 KATIE WELCH 24	1:01.69 KIM JOHNSON 24	54.94 DEBBIE HURWITZ 28
100 YD. FREE WOMEN 19-24	1:02.78 MIKO MCGINTY 23	1:01.70 JACKIE BAK 24	55.00 AMY KNOTT 26
52.08 SUDI MILLER 91	1:03.15 ANN BOLLINGER 24	1:02.10 SABRINA LUM 22	55.09 KRISTINA SANDLIN 26
52.55 SARAH ANDERSON 23	1:03.19 JESSICA HANCHER 19	1:02.48 ALISON ZAMANIAN 23	200 YD. FREE WOMEN 25-29
53.31 HEATHER HAGEMAN 23	1:03.46 CYNTHIA HINSHAW 24	1:02.51 CHRISTY LIPSON 24	1:51.53 SARA SHAND 93
53.45 MICHELLE DAVID 23	1:03.93 HEATHER O'BRIEN 23	200 YD. FLY WOMEN 19-24	1:55.19 MITZI KREMER 26
53.59 HEATHER REAGAN 23	1:04.81 LAURA ANTONIETTA 23	2:11.03 SARAJANE TUREK 91	1:56.13 STACY JONES 28
53.81 TRISH KLASMEIER 23	1:05.24 KATHERINE BAIN 22	2:11.86 ALISON ZAMANIAN 24	1:57.38 AMY KNOTT 26
54.04 AMY TIDBALL 24	1:05.56 SUNNY SMILEY 23	2:12.25 PAMELA FRANKLIN 24	1:59.75 SUSAN JONES 27
54.30 EVA MORTENSEN 23	200 YD. BACK WOMEN 19-24	2:12.73 CHRISTINA PLANJE 24	2:00.68 LIESA BENN 28
54.60 MARIE MITTMANN 24	2:06.90 SUSIE BURT 93	2:14.95 CASSIE CALLENDER 23	2:00.76 SHELLY SCHAFFER 27
54.89 TRICIA BERGER 24	2:09.24 KATIE WELCH 24	2:15.34 KYLE FISHER 23	2:02.04 MICHELLE CHOW 25
55.04 CHRISTY LIPSON 24	2:10.95 KYM HUCAL 23	2:17.53 SUSAN LUCAS 23	2:02.06 JANE KLEINE 28
200 YD. FREE WOMEN 19-24	2:14.62 ALISON ZAMANIAN 23	2:19.30 NICOLE RESSLER 23	2:03.01 MICHELE HUYETTE 25
1:54.22 DIANE GRANER 89	2:15.11 LAURA ANTONIETTA 23	2:19.43 STACY COSTA 24	2:03.01 LINDA LEPEAK 29
1:54.50 EVA MORTENSEN 23	2:15.22 CYNTHIA HINSHAW 24	2:19.51 JENNIFER BISSELL 21	500 YD. FREE WOMEN 25-29
1:54.94 SARAH ANDERSON 23	2:16.11 SUNNY SMILEY 23	2:19.76 KANA SHIBUYA 22	4:56.18 KAREN BURTON 91
1:58.34 AMY TIDBALL 24	2:17.57 MIKO MCGINTY 23	100 YD. I.M. WOMEN 19-24	5:17.08 STACY JONES 28
1:58.51 ALISON ZAMANIAN 23	2:18.92 HEATHER O'BRIEN 23	59.21 SUDI MILLER 91	5:18.47 AMY KNOTT 26
1:58.51 TRISH KLASMEIER 23	2:19.66 KATHERINE BAIN 22	1:01.67 HEATHER REAGAN 23	5:18.87 SHELLY SCHAFFER 27
1:58.70 JOANNA ZEIGER 24	2:20.53 DEBORAH RICE 24	1:02.21 JENNIFER TONON 23	5:23.97 LAURIE HUG 28
2:00.99 CYNTHIA HINSHAW 24	50 YD. BRST WOMEN 19-24	1:02.97 KATHRIN LAMMERS 24	5:24.55 JILL GELLATLY 26
2:01.52 MICHELLE DAVID 23	30.25 SUSIE MORTENSON 93	1:03.09 CHANDRA HAISLET 24	5:24.77 DEBBIE HURWITZ 28
2:01.53 TRICIA BERGER 24	31.37 TRISH KLASMEIER 23	1:03.49 PAMELA FRANKLIN 24	5:25.19 JANE KLEINE 28
2:01.67 PAMELA FRANKLIN 24	31.80 LOUISE KEOGH 24	1:03.75 MARIE MITTMANN 24	5:25.29 LORETTA SOFFE 27
500 YD. FREE WOMEN 19-24	32.36 KATHRIN LAMMERS 24	1:03.97 AMY TIDBALL 24	5:25.87 DIANE SAGASER 27
4:56.93 EVA MORTENSEN 94	32.47 CHANDRA HAISLET 24	1:04.03 KATHERINE HOEHL 23	5:25.99 LISA SHEEPER 29
4:56.93 EVA MORTENSEN 23	32.69 JOANNE WRIGHT 22	1:04.08 SABRINA LUM 22	1000 YD. FREE WOMEN 25-29
5:06.99 SARAH ANDERSON 23	32.81 JENNIFER TONON 23	1:04.47 LYNN NEWTON 23	10:12.34 LISA HAZEN 94
5:09.60 ALISON ZAMANIAN 23	33.16 KAREN HEARD 23	200 YD. I.M. WOMEN 19-24	10:12.34 LISA HAZEN 29
5:11.48 JOANNA ZEIGER 24	33.22 STACY COSTA 24	2:08.74 SUDI MILLER 91	10:53.61 SHELLY SCHAFFER 27
5:13.43 KATIE WELCH 24	33.28 PAMELA URBAS 22	2:12.24 HEATHER REAGAN 23	10:55.99 JANE KLEINE 28
5:18.39 LAURA ANTONIETTA 23	34.13 E. MLYNARIK 24	2:12.59 JENNIFER TONON 23	10:59.26 STACY JONES 28
5:19.12 CHRISTINA PLANJE 24	100 YD. BRST WOMEN 19-24	2:13.40 ALISON ZAMANIAN 24	11:00.12 LAURIE HUG 29
5:19.57 SUSAN LUCAS 23	1:06.74 SUSIE MORTENSON 93	2:13.70 TRISH KLASMEIER 23	11:00.66 DIANE SAGASER 27
5:19.72 CYNTHIA HINSHAW 24	1:09.24 LOUISE KEOGH 24	2:14.21 KATIE WELCH 24	11:03.71 LISA SHEEPER 29
5:21.31 LYNN NEWTON 23	1:09.27 TRISH KLASMEIER 23	2:15.47 KATHRIN LAMMERS 24	11:06.82 MARTIE MC KINNEY 29
1000 YD. FREE WOMEN 19-24	1:09.67 STACY COSTA 24	2:15.57 CHANDRA HAISLET 24	11:11.04 JILL GELLATLY 26
10:33.71 ALISON ZAMANIAN 94	1:09.90 JENNIFER TONON 23	2:17.85 CASSIE CALLENDER 23	11:11.95 DONNA JOHNSON 26
10:33.71 ALISON ZAMANIAN 23	1:10.66 CHANDRA HAISLET 24	2:18.48 PAMELA FRANKLIN 24	1650 YD. FREE WOMEN 25-29
10:42.74 JOANNA ZEIGER 23	1:10.85 E.MLYNARIK 24	2:18.64 CHRISTINA PLANJE 24	16:50.17 KAREN BURTON 91
10:44.14 CHRISTINA PLANJE 24	1:11.01 KAREN HEARD 23	400 YD. I.M. WOMEN 19-24	17:58.19 SHELLY SCHAFFER 27
10:51.64 KATIE WELCH 24	1:11.47 JOANNE WRIGHT 22	4:39.85 ALISON ZAMANIAN 94	18:33.85 DIANNE GLEASON 28
10:57.68 LAURA ANTONIETTA 23	1:11.88 LYNN NEWTON 23	4:39.85 ALISON ZAMANIAN 23	18:37.50 LAURIE HUG 29
10:58.89 CASSIE CALLENDER 23	1:12.17 ANNE O'BRIEN 23	4:41.47 KATIE WELCH 24	18:55.96 P.SEPULVADO 29
11:07.98 JOANNE WRIGHT 22	200 YD. BRST WOMEN 19-24	4:43.20 JOANNA ZEIGER 23	19:37.33 MARCIA CLEVELAND 29
11:16.91 LYNN NEWTON 23	2:25.40 ANNE TWEEDY 87	4:44.32 PAMELA FRANKLIN 24	19:39.06 GLORIA NEMET 29
11:26.61 SHERRI WELDON 23	2:27.68 LOUISE KEOGH 24	4:47.38 KATHRIN LAMMERS 24	19:52.25 JILL LEMONE 27
11:34.87 HEATHER WOLFENDEN 24	2:29.92 STACY COSTA 24	4:52.91 CASSIE CALLENDER 23	19:53.60 LAURA HAWTHORNE 27
1650 YD. FREE WOMEN 19-24	2:31.10 JOANNA ZEIGER 24	4:53.98 SUSAN LUCAS 23	19:59.28 LAURIE ABRAMS 29
17:31.70 KAREN BURTON 87	2:31.62 JENNIFER TONON 23	4:57.46 KAREN HEARD 23	20:05.06 TABITHA JACOBUS 25
17:44.57 ALISON ZAMANIAN 23	2:32.02 KATHRIN LAMMERS 24	4:57.80 KYLE FISHER 23	50 YD. BACK WOMEN 25-29
17:50.06 JOANNA ZEIGER 24	2:32.62 E.MLYNARIK 24	4:58.79 KATHERINE ALBIN 24	26.76 DIANE GRANER 89
18:12.03 KATIE WELCH 24	2:34.56 JOANNE WRIGHT 22	*****	27.70 MARTIE MCKINNEY 29
18:25.19 CYNTHIA HINSHAW 24	2:34.67 KAREN HEARD 23	50 YD. FREE WOMEN 25-29	28.24 JILL ROTHKOPF 27
18:40.15 KYLE FISHER 23	2:35.34 CHRISTINE SCHULTZ 22	23.20 ANNA PETTIS-SCOTT 92	28.39 TORI SMITH 28
18:46.59 LAURA ANTONIETTA 23	2:36.38 GRACE MOON 22	23.86 MICHELLE CHOW 25	28.69 HEATHER STRANG 27
18:58.77 LYNN NEWTON 23	50 YD. FLY WOMEN 19-24	24.02 AIMEE BERZINS 26	28.77 VICKY DAVIDSON 29
19:28.63 HEATHER WINIECKI 23	26.48 MICHELLE DAVID 94	24.54 COLLETTE HOWARD 29	28.90 TRISCHA ZORN 29
19:55.16 DEBORAH HEIM 24	26.48 MICHELLE DAVID 23	24.74 KRISTINA SANDLIN 26	28.91 JANICE LESYNA 27
20:00.70 REGINA DIERSING 24	26.67 KIM JOHNSON 24	24.74 HEATHER STRANG 27	29.03 CHRISTINE HOLMAN 29
50 YD. BACK WOMEN 19-24	27.38 CHANDRA HAISLET 24	24.95 ANDREA SCHLOEGL 26	29.04 COLLETTE HOWARD 29
27.85 DEBBIE RISEN 90	27.56 JACKIE BAK 24	25.27 LORI REA 28	29.06 SUSAN JONES 27
28.28 KYM HUCAL 23	27.61 KANA SHIBUYA 22	25.28 CHRISTINE HOLMAN 29	100 YD. BACK WOMEN 25-29
28.61 SUNNY SMILEY 23	27.66 JENNIFER TONON 23	25.30 MARY MUETING 29	56.70 DIANE GRANER 91

TOP TEN

SHORT COURSE YARDS

58.37 MARTIE MCKINNEY 29	1:00.80 ALICE PHILLIPS 28	54.32 ZENA HERRMANN 34	200 YD. BACK WOMEN 30-34
59.18 JILL BAKEHORN 25	1:00.83 MITZI KREMER 26	54.46 SHERRY GAERTNER 30	2:04.34 KARLYN PIPES 94
1:01.03 TORI SMITH 28	1:01.16 KRISTINA SANDLIN 26	54.72 SHEILA MORTELL 32	2:04.34 KARLYN PIPES 32
1:01.51 SUSAN JONES 27	1:01.35 KAREN JACOBSON 27	54.78 BETH SCHEIMANN 31	2:07.31 ZENA HERRMANN 34
1:01.75 CHRISTINE HOLMAN 29	1:01.39 SHERRY SWALWELL 27	200 YD. FREE WOMEN 30-34	2:10.78 SHEILA MORTELL 32
1:01.82 HEATHER STRANG 27	1:01.84 SYLVIA BUXTON 28	1:52.57 SANDY NEILSON 87	2:13.38 D.GALLAS 30
1:02.24 JANICE LESYNA 27	1:01.84 DIANNE WYGAL 28	1:55.52 BETH KNIGHT 34	2:14.38 PAMELA BOSCOVICH 31
1:02.94 AMY KNOTT 26	200 YD. FLY WOMEN 25-29	1:56.59 KARLYN PIPES 32	2:15.14 ANDREA DEVUONO 31
1:03.21 AMY HOLLAND 25	2:03.38 JUNE FORD 87	1:57.17 SUSAN PORTER 31	2:16.58 SUSAN FLYNN 31
1:03.94 MITZI KREMER 26	2:15.01 KAREN JACOBSON 27	1:58.46 ZENA HERRMANN 34	2:18.35 SHERRY GAERTNER 30
200 YD. BACK WOMEN 25-29	2:15.60 LORETTA SOFFE 27	1:58.71 LEISSA MILLS 33	2:18.50 JENNIFER KEOGH 30
2:01.29 DIANE GRANER 91	2:16.20 TIFFANY FORBES 27	1:58.94 WENDY INGRIAHAM 30	2:18.62 MICHELLE DOKTER 30
2:04.57 MARTIE MCKINNEY 29	2:16.58 DIANE SAGASER 27	1:59.54 LINDA VALERIO 31	50 YD. BRST WOMEN 30-34
2:11.21 TORI SMITH 28	2:16.91 MICHELLE CHOW 25	2:00.55 BRENDA BARTLETT 33	29.84 ROSEMARIE SEAMAN 89
2:12.24 SUSAN JONES 27	2:17.39 S.MUNATONES 29	2:00.76 MARY ROEBUCK 32	31.97 H.ALONSO-PIMENTEL 31
2:14.70 VICKY DAVIDSON 29	2:18.06 CHERYL KUPAN 29	2:00.79 BETH SCHEIMANN 31	32.09 BETH SCHEIMANN 31
2:15.55 JANICE LESYNA 27	2:18.09 JILL LEMONE 27	500 YD. FREE WOMEN 30-34	32.14 BRIGITTE HEUER 33
2:15.73 KRISTEN CORBETT 28	2:20.14 TRISHA SCHWERZLER 26	5:03.99 SUSAN PORTER 94	32.29 SHARON WEISS 31
2:15.85 MARY KAIN 26	2:20.26 SUSAN RABIAH 27	5:03.99 SUSAN PORTER 31	32.32 CAROL GUSTAFSON 31
2:18.80 JILL ROTHKOPF 27	100 YD. I.M. WOMEN 25-29	5:10.71 BETH KNIGHT 34	32.39 JULIE BOAZ 32
50 YD. BRST WOMEN 25-29	58.84 SARA SHAND 93	5:12.51 KARLYN PIPES 32	32.65 SUSAN RICHMOND 32
30.60 S MCINTYRE-WOODS 91	1:00.77 LISA MC MICHAEL 27	5:14.94 WENDY INGRIAHAM 30	32.81 VAL HAGUE 33
31.45 LOUISE KEOGH 25	1:01.15 MICHELLE CHOW 25	5:20.39 BRENDA BARTLETT 33	32.91 MAUREEN MENDOZA 33
31.66 SHEILA ARREDONDO 29	1:02.27 SHEILA ARREDONDO 29	5:20.69 KELLY NORDELL 30	33.00 CAROLYN KOSTER 32
32.39 LISA CHANG 26	1:02.33 JILL BAKEHORN 25	5:21.78 ELLEN FERGUSON 31	33.00 MERIT GREAVES 30
32.84 PAMELA LINDROOS 28	1:02.38 DEBBIE HURWITZ 28	5:23.33 LISA SHEEPER 30	100 YD. BRST WOMEN 30-34
32.87 MATHILDE BOUWMA 26	1:02.42 MARTIE MCKINNEY 29	5:23.35 KIM ELSBACH 31	1:05.05 ROSEMARIE SEAMAN 89
33.07 S.HERINGER 25	1:02.57 TORI SMITH 28	5:25.40 LORI PAYNE 34	1:08.55 SUSAN RICHMOND 32
33.21 JANET HAUER 25	1:02.74 LOUISE KEOGH 25	1000 YD. FREE WOMEN 30-34	1:08.57 SHARON WEISS 31
33.29 JILL BAKEHORN 25	1:02.81 S.HERINGER 25	10:20.10 SUSAN PORTER 94	1:10.00 MAUREEN MENDOZA 33
33.58 MICHELLE CHOW 25	1:02.96 SUSAN JONES 27	10:20.10 SUSAN PORTER 31	1:10.15 H.ALONSO-PIMENTEL 31
33.60 LAURIE KEEN 29	200 YD. I.M. WOMEN 25-29	10:33.04 JUNE FORD 32	1:10.23 BRIGITTE HEUER 33
100 YD. BRST WOMEN 25-29	2:05.98 SARA SHAND 93	10:42.66 BETH KNIGHT 34	1:10.64 KARLYN PIPES 32
1:06.50 S MCINTYRE-WOODS 91	2:07.99 MARTIE MCKINNEY 29	10:49.63 KARLYN PIPES 32	1:10.78 ELLEN ATKINSON 31
1:06.98 LOUISE KEOGH 25	2:14.15 STACY JONES 28	10:59.15 ELLEN FERGUSON 31	1:11.01 BETH SCHEIMANN 31
1:08.28 SHEILA ARREDONDO 29	2:15.47 JANET HAUER 25	11:00.86 LISA SHEEPER 30	1:11.14 JANN GIRARD 34
1:09.42 MARY KAIN 26	2:15.54 LORETTA SOFFE 27	11:08.72 NANCY LEWIS 34	1:11.54 JULIE BOAZ 32
1:09.88 MATHILDE BOUWMA 26	2:15.57 TORI SMITH 28	11:28.70 JENNIFER ARDOLINO 32	200 YD. BRST WOMEN 30-34
1:10.05 LISA CHANG 26	2:16.11 ALICE PHILLIPS 28	11:29.61 BETH HARRELL 34	2:29.75 KAREN MELICK 90
1:10.69 CORRIN CONVIS 29	2:16.25 SUSAN DUNCAN 28	11:29.83 ANITA IRONS 30	2:29.92 SHARON WEISS 31
1:11.67 PAMELA LINDROOS 28	2:17.31 KAREN JACOBSON 27	1650 YD. FREE WOMEN 30-34	2:30.95 MARGARET TIMOTHY 31
1:11.97 LIZ SCHEETZ 26	2:17.43 MATHILDE BOUWMA 26	17:07.52 KAREN BURTON 93	2:31.10 SUSAN RICHMOND 32
1:12.38 SUSAN DUNCAN 28	2:17.62 LOUISE KEOGH 25	17:53.45 BETH KNIGHT 34	2:34.43 JULIE BOAZ 32
1:13.39 JILL KEENAN 25	400 YD. I.M. WOMEN 25-29	17:59.14 KARLYN PIPES 32	2:35.03 ELLEN ATKINSON 31
1:13.39 MIA COSTELLO 26	4:28.40 SARA SHAND 91	18:13.85 MARY ROEBUCK 32	2:35.14 KARLYN PIPES 32
200 YD. BRST WOMEN 25-29	4:39.91 LORETTA SOFFE 27	18:29.63 NANCY LEWIS 34	2:35.38 COKIE LEPINSKI 34
2:23.59 LOUISE KEOGH 94	4:45.42 MITZI KREMER 26	18:40.42 LINDA MCQUAID 31	2:35.68 BETH SCHEIMANN 31
2:23.59 LOUISE KEOGH 25	4:49.08 JILL GELLATLY 26	18:44.60 DEBRA KURUCZ 32	2:36.16 LISA SHEEPER 30
2:29.68 MARY KAIN 26	4:50.19 JANET HAUER 25	19:01.49 DENISE WARE 32	2:36.44 JANN GIRARD 34
2:29.87 JANET HAUER 25	4:51.97 KAREN JACOBSON 27	19:02.10 JENNIFER KEOGH 30	50 YD. FLY WOMEN 30-34
2:32.13 CORRIN CONVIS 29	4:54.23 ALICE PHILLIPS 28	19:02.77 LYNN FISCHER 33	25.62 ROSEMARIE SEAMAN 89
2:32.40 MATHILDE BOUWMA 26	4:55.41 LINDA LEPEAK 29	19:08.55 CLAI BOLEK 30	26.27 LINDA VALERIO 31
2:33.90 SHEILA ARREDONDO 29	4:55.79 DIANE SAGASER 27	50 YD. BACK WOMEN 30-34	26.54 LIZ HOBBS 32
2:35.40 JILL KEENAN 25	4:58.13 CARYL BROWN 29	27.36 S WALSH-STANKAVAG92	26.67 ANNA PETTIS SCOTT 31
2:36.10 PAMELA LINDROOS 28	5:00.19 MATHILDE BOUWMA 26	28.03 ZENA HERRMANN 34	27.06 CINDY WATTS 32
2:36.29 CARYL BROWN 29	*****	28.08 KARLYN PIPES 32	27.72 CORY NUGENT 30
2:38.17 CHERYL KUPAN 29	50 YD. FREE WOMEN 30-34	28.15 LIZ HOBBS 32	27.76 ELLEN ATKINSON 31
50 YD. FLY WOMEN 25-29	23.04 S NEILSON-BELL 88	28.42 D.GALLAS 30	27.91 SHEILA MORTELL 32
25.68 LINDA LANINI 87	23.86 ANNA PETTIS SCOTT 31	28.89 PAMELA BOSCOVICH 31	28.05 BETH HARRELL 34
26.43 MICHELLE CHOW 25	24.07 BETH KNIGHT 34	28.92 SHEILA MORTELL 32	28.06 SHERRY GAERTNER 30
26.78 LORI REA 28	24.09 LIZ HOBBS 32	29.04 VIBECA SWANSON 32	28.09 MONIQUE SHELTON 31
26.89 SUSAN JONES 27	24.17 BRIGITTE HEUER 33	29.19 MARCIA CLEVELAND 30	100 YD. FLY WOMEN 30-34
26.94 KRISTINA SANDLIN 26	25.19 BETH SCHEIMANN 31	29.24 MARIKA JOHNSON 31	55.68 ROSEMARIE SEAMAN 89
27.10 S.HERINGER 25	25.20 MAUREEN MENDOZA 33	29.33 MONICA BAILEY 33	59.60 CINDY WATTS 32
27.48 MARY MUETING 29	25.30 LINDA VALERIO 31	58.34 KARLYN PIPES 94	59.71 KARLYN PIPES 32
27.48 C.MATYAS 27	25.33 REBECCA MAJOR 30	58.34 KARLYN PIPES 32	59.74 ZENA HERRMANN 34
27.52 SYLVIA BUXTON 28	25.34 RENATE SCHMIDT 31	59.54 ZENA HERRMANN 34	59.83 JUNE FORD 32
27.58 MARTIE MC KINNEY 29	25.43 MARY GRACE HUBER 32	1:00.45 SHEILA MORTELL 32	1:00.14 LINDA VALERIO 31
27.90 TRISHA SCHWERZLER 26	100 YD. FREE WOMEN 30-34	1:01.66 SHERRY GAERTNER 30	1:00.53 BRIGITTE HEUER 33
100 YD. FLY WOMEN 25-29	50.83 SANDY NEILSON 87	1:01.84 PAMELA BOSCOVICH 31	1:00.66 SHERRY GAERTNER 30
57.01 DIANE GRANER 91	52.35 BETH KNIGHT 34	1:01.89 VIBECA SWANSON 32	1:01.14 APRIL LONG 34
57.45 MARTIE MCKINNEY 29	52.46 ANNA PETTIS SCOTT 31	1:01.97 LIZ HOBBS 32	1:01.19 SHEILA MORTELL 32
58.99 MICHELLE CHOW 25	53.02 LIZ HOBBS 32	1:02.41 D.GALLAS 30	1:01.25 BELLA MARLOW 32
59.03 LORI REA 28	54.15 BRIGITTE HEUER 33	1:02.74 SUSAN FLYNN 31	200 YD. FLY WOMEN 30-34
	54.25 WENDY INGRIAHAM 30	1:03.18 ANDREA DEVUONO 31	2:07.94 JUNE FORD 93
	54.27 KARLYN PIPES 32		2:08.12 KARLYN PIPES 32

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SHORT COURSE YARDS

2:10.44 JUNE FORD 32	2:04.87 WENDY BOGLIOLI 39	2:25.65 LAURIE ALIOTO 36	1:00.22 SUSAN HALFACRE 88
2:14.20 APRIL LONG 34	2:05.37 DEA JOSLIN 35	2:25.94 LISA AKERMAN 35	1:01.68 S.NEILSON-BELL 38
2:15.91 CORY NUGENT 30	2:05.38 MARIA VELIKONJA 35	50 YD. BRST WOMEN 35-39	1:04.80 BARBARA CROWDER 36
2:17.30 BRENDA BARTLETT 33	2:05.48 MELINDA SCHMITT 35	30.85 LESLIE OSBORNE 89	1:05.60 THERESE HARRIGAN 35
2:18.17 BELLA MARLOW 32	2:06.90 LYNN SULLIVAN 36	32.71 DEA JOSLIN 35	1:05.86 CAROLE SHIGAKI 38
2:20.17 C CHICHESTER 30	2:06.93 MARGUERITE MEYER 35	32.74 KAREN MELICK 37	1:06.01 LINDLEY DOUGHTY 35
2:20.37 DEBRA KURUCZ 32	500 YD. FREE WOMEN 35-39	32.98 LISA BENNETT 38	1:06.07 KAREN SING 37
2:20.58 PATTY STARKS 34	5:01.04 SUSAN HALFACRE 88	32.98 PAMELA ROGERS 37	1:06.18 CATHY COOLEY 36
2:20.61 STEPHANIE PORTER 32	5:23.36 ROBYNN MASTERS 35	33.90 EILEEN WALL 36	1:06.31 SUSAN SKIFF 39
100 YD. I.M. WOMEN 30-34	5:26.28 KATHERINE BRANCH 36	34.14 J.WISH-YEKO 36	1:06.39 LISA BENNETT 38
58.78 ROSEMARIE SEAMAN 89	5:27.06 MARGUERITE MEYER 35	34.25 THERESE HARRIGAN 35	1:06.88 HUDDIE MURRAY 37
1:00.87 KARLYN PIPES 32	5:30.66 SUZANNE HEIM 35	34.29 LO KNAPP 39	200 YD. I.M. WOMEN 35-39
1:01.77 SUSAN PORTER 31	5:36.58 KAREN FARNSWORTH 37	34.33 CAROLE SHIGAKI 38	2:13.88 S NEILSON-BELL 92
1:02.32 LIZ HOBBS 32	5:38.87 B.MORSE-GILLHAM 38	34.51 WENDY RYAN 36	2:15.68 S.NEILSON-BELL 38
1:02.66 JANN GIRARD 34	5:41.25 LINDA BUCHANAN 36	100 YD. BRST WOMEN 35-39	2:20.93 CATHY COOLEY 36
1:02.69 ANNA PETTIS SCOTT 31	5:42.27 MARILYN EARLY 36	1:07.58 LESLIE OSBORNE 89	2:23.09 HUDDIE MURRAY 37
1:03.24 MAUREEN MENDOZA 33	5:42.32 DIANE DAGOSTA 37	1:11.04 DEA JOSLIN 35	2:23.36 LISA BENNETT 38
1:03.46 SHARON WEISS 31	5:43.27 MARIA VELIKONJA 35	1:11.79 PAMELA ROGERS 37	2:23.79 KATHERINE BRANCH 36
1:03.49 APRIL LONG 34	1000 YD. FREE WOMEN 35-39	1:11.83 KAREN MELICK 37	2:24.09 PATTY LANDERS 37
1:03.60 SUSAN RICHMOND 32	10:39.87 SUSAN HALFACRE 88	1:12.25 EILEEN WALL 36	2:24.94 JILL SPRINGER 35
1:03.74 SUSAN FLYNN 31	11:04.03 KATHERINE BRANCH 36	1:12.41 LISA BENNETT 38	2:25.42 CATHY NEVILLE 36
200 YD. I.M. WOMEN 30-34	11:09.87 SUZANNE HEIM 35	1:13.87 LO KNAPP 39	2:26.23 B. MORSE-GILLHAM 38
2:07.14 KARLYN PIPES 94	11:23.89 KAREN FARNSWORTH 38	1:14.37 THERESE HARRIGAN 35	2:26.32 LO KNAPP 39
2:07.14 KARLYN PIPES 32	11:31.92 MARGUERITE MEYER 35	1:14.89 WENDY RYAN 36	400 YD. I.M. WOMEN 35-39
2:12.33 SUSAN PORTER 31	11:36.15 LORRAINE SOMMERS 37	1:14.95 HUDDIE MURRAY 37	4:46.69 S NEILSON-BELL 92
2:12.80 ZENA HERRMANN 34	11:39.06 B. MORSE-GILLHAM 38	1:14.98 JULIE REDNER 35	4:58.86 KAREN FARNSWORTH 38
2:15.70 JANN GIRARD 34	11:44.00 CATHERINE CHAY 38	200 YD. BRST WOMEN 35-39	5:03.02 KATHERINE BRANCH 36
2:17.29 BETH SCHEIMANN 31	11:45.84 HUDDIE MURRAY 37	2:30.53 KAREN MELICK 92	5:07.69 ELAINE FINCHAM 39
2:17.49 BRENDA BARTLETT 33	11:45.94 HEIDI CHRISTENSEN 35	2:31.93 DEA JOSLIN 35	5:07.93 CATHY COOLEY 36
2:17.72 DEBORAH ZIMIC 32	11:50.05 LINDA BUCHANAN 36	2:35.42 KAREN MELICK 37	5:08.82 HUDDIE MURRAY 37
2:17.92 SHARON WEISS 31	1650 YD. FREE WOMEN 35-39	2:35.71 EILEEN WALL 36	5:09.28 CATHY NEVILLE 36
2:17.93 C.CHICHESTER 30	17:15.23 SUSAN HALFACRE 88	2:40.97 THERESE HARRIGAN 35	5:09.83 SUZANNE HEIM 35
2:18.13 APRIL LONG 34	18:29.76 KATHERINE BRANCH 36	2:41.98 LISA BENNETT 38	5:10.31 MARGUERITE MEYER 35
400 YD. I.M. WOMEN 30-34	18:42.95 MARGUERITE MEYER 35	2:42.78 LO KNAPP 39	5:10.34 LINDLEY DOUGHTY 35
4:29.70 KARLYN PIPES 94	18:44.25 SUZANNE HEIM 35	2:43.29 HUDDIE MURRAY 37	5:10.78 JILL SPRINGER 35
4:29.70 KARLYN PIPES 32	19:16.26 KAREN FARNSWORTH 37	2:43.58 CATHY COOLEY 36	*****
4:42.88 JUNE FORD 32	19:18.53 ANDREA KARGE 38	2:44.03 RHIAN GULASSA 39	50 YD. FREE WOMEN 40-44
4:43.22 ZENA HERRMANN 34	19:29.58 HUDDIE MURRAY 37	2:45.14 WENDY RYAN 36	24.68 LAURA VAL 94
4:48.45 BRENDA BARTLETT 33	19:43.28 BETH HINES 37	50 YD. FLY WOMEN 35-39	24.68 LAURA VAL 42
4:50.88 CORY NUGENT 30	19:52.58 DIANE DAGOSTA 37	26.68 LAURA VAL 87	25.54 BONNIE ADAIR 41
4:51.44 ANDREA DEVIUONO 31	19:55.45 MARY SWEAT 36	27.60 S.NEILSON-BELL 38	25.78 ROSE WILSON 40
4:52.12 DEBORAH ZIMIC 31	19:56.42 CATHY PHILPOT 37	27.76 MARIA VELIKONJA 35	25.86 JOEL FELDMANN 42
4:54.33 JANN GIRARD 34	50 YD. BACK WOMEN 35-39	27.92 WENDY BOGLIOLI 39	26.00 KARLENE WISE 40
4:56.66 LORI PAYNE 34	27.82 LAURA VAL 91	28.01 JILL SPRINGER 35	26.00 C.STONESIFER 41
4:57.97 C.CHICHESTER 30	29.21 LINDLEY DOUGHTY 35	28.09 LINDLEY DOUGHTY 35	26.36 SALLY KARRASCH 41
*****	29.51 PATTY LANDERS 37	28.17 BARBARA CROWDER 36	26.45 KAREN ROSENER 40
50 YD. FREE WOMEN 35-39	29.74 L.HASSELQUIST 36	28.48 JENNY LUKER 37	26.47 PAM BANKS 40
23.82 S NEILSON-BELL 94	29.79 CAROLE SHIGAKI 38	28.53 THERESE HARRIGAN 35	26.57 DANIELLE OGIER 41
23.82 S.NEILSON-BELL 38	29.84 KAREN FARNSWORTH 38	28.55 ELAINE FINCHAM 39	100 YD. FREE WOMEN 40-44
25.78 WENDY BOGLIOLI 39	30.41 KATHERINE BRANCH 36	28.90 GINA AGUILAR 35	54.14 LAURA VAL 94
26.12 MELINDA SCHMITT 35	30.48 N.KIRKPATRICK-REN 38	100 YD. FLY WOMEN 35-39	54.14 LAURA VAL 42
26.14 GINA AGUILAR 35	30.52 KAREN SING 37	56.90 SUSAN HALFACRE 88	56.06 BONNIE ADAIR 41
26.24 KAREN FARNSWORTH 38	30.77 LISA AKERMAN 35	1:01.27 MARIA VELIKONJA 35	56.72 KARLENE WISE 40
26.26 DEA JOSLIN 35	30.87 DIANNE BARRY 35	1:01.76 DEBBIE FLANSBURG 38	57.71 C.STONESIFER 41
26.27 PAM DRAFTS 37	100 YD. BACK WOMEN 35-39	1:02.11 WENDY BOGLIOLI 39	57.81 DANIELLE OGIER 41
26.36 KIMBERLY WISE 37	1:01.68 LAURA VAL 91	1:02.67 LINDLEY DOUGHTY 35	58.00 ROSE WILSON 40
26.47 LYNN SULLIVAN 36	1:01.89 LINDLEY DOUGHTY 35	1:03.27 S.NEILSON-BELL 38	58.01 JOEL FELDMANN 42
26.51 MARILYN EARLY 36	1:03.22 PATTY LANDERS 37	1:03.86 SUSAN SKIFF 39	58.30 KAREN ROSENER 40
100 YD. FREE WOMEN 35-39	1:03.58 KATHERINE BRANCH 36	1:04.21 BARBARA CROWDER 36	58.37 PAM BANKS 40
52.24 SUSAN HALFACRE 88	1:03.88 L.HASSELQUIST 36	1:04.26 BARBARA GARTON 36	58.42 JONELLE SCHMIDT 43
52.74 S.NEILSON-BELL 38	1:04.20 KAREN FARNSWORTH 38	1:04.58 JILL SPRINGER 35	200 YD. FREE WOMEN 40-44
56.04 MELINDA SCHMITT 35	1:05.48 CAROLE SHIGAKI 38	1:04.59 LYNN SULLIVAN 36	1:58.79 LAURA VAL 94
56.54 BARBARA CROWDER 36	1:06.19 MARILYN EARLY 36	1:04.59 ELAINE FINCHAM 39	1:58.79 LAURA VAL 42
56.63 WENDY BOGLIOLI 39	1:06.76 KAREN SING 37	200 YD. FLY WOMEN 35-39	2:02.70 DANIELLE OGIER 41
57.16 L.HASSELQUIST 36	1:06.76 LISA AKERMAN 35	2:10.80 LAURA VAL 87	2:07.43 DOT MUNGER 42
57.50 MARILYN EARLY 36	1:07.09 N.KIRKPATRICK-REN 38	2:14.09 DEBBIE FLANSBURG 38	2:07.75 PAM BANKS 40
57.72 LYNN SULLIVAN 36	200 YD. BACK WOMEN 35-39	2:16.56 MARIA VELIKONJA 35	2:09.00 CELESTE MILLER 44
57.75 KAREN FARNSWORTH 38	2:13.85 LINDLEY DOUGHTY 94	2:22.11 HUDDIE MURRAY 37	2:09.19 JONELLE SCHMIDT 43
57.94 MARIA VELIKONJA 35	2:13.85 LINDLEY DOUGHTY 35	2:24.34 ELAINE FINCHAM 39	2:09.81 KARLENE WISE 40
58.02 GINA AGUILAR 35	2:14.32 KATHERINE BRANCH 36	2:24.54 KATHERINE BRANCH 36	2:12.42 DEBBIE MEYER 41
200 YD. FREE WOMEN 35-39	2:15.66 PATTY LANDERS 37	2:25.02 SUSAN SKIFF 39	2:13.33 CHARLOTTE DAVIS 43
1:52.79 SUSAN HALFACRE 88	2:18.00 KAREN FARNSWORTH 38	2:25.09 CATHY NEVILLE 36	2:13.34 THERESA HESSLER 42
2:01.24 ROBYNN MASTERS 35	2:22.21 L.HASSELQUIST 36	2:27.27 LAURIE ALIOTO 36	500 YD. FREE WOMEN 40-44
2:02.90 KATHERINE BRANCH 36	2:22.85 B. MORSE-GILLHAM 38	2:29.56 JOANNE WAINWRIGHT 38	5:23.35 LAURA VAL 94
2:04.38 KAREN FARNSWORTH 38	2:23.99 N.KIRKPATRICK-REN 38	2:32.30 LAURA WORDEN 36	5:23.35 LAURA VAL 42
2:04.80 MARILYN EARLY 36	2:24.11 MARILYN EARLY 36	100 YD. I.M. WOMEN 35-39	5:30.15 DANIELLE OGIER 41

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SHORT COURSE YARDS

5:39.06 DOT MUNGER 42	35.50 DANIELLE OGIER 41	200 YD. I.M. WOMEN 40-44	12:33.95 F.WILLIAMSON 46
5:42.40 CELESTE MILLER 44	35.76 PAT REEVE 40	2:17.30 LAURA VAL 94	12:42.51 KATHRINE CASEY 45
5:43.39 PAM BANKS 40	35.89 C.STONESIFER 41	2:17.30 LAURA VAL 42	12:49.56 KRISTINA KING 46
5:46.40 ELLEN ROBERTS 41	35.95 JANE HARPER 41	2:18.39 DANIELLE OGIER 41	12:50.56 SALLY ANN DILLON 47
5:52.50 KARLENE WISE 40	100 YD. BRST WOMEN 40-44	2:21.64 MARYANN STEVENS 40	12:51.77 ANN LYTTLE 46
5:56.53 SHARON ODELL 41	1:11.73 DOT MUNGER 92	2:22.09 ELLEN ROBERTS 41	12:52.10 SUZANNE DILLS 48
5:56.69 MISSY LE STRANGE 41	1:13.60 DEBORAH WALKER 42	2:24.97 JOAN PFINGSGRAFF 40	13:13.41 LUCY JOHNSON 46
5:57.32 TERRY GAULT 43	1:13.85 DOT MUNGER 42	2:26.95 BONNIE ADAIR 41	13:17.96 SHARON WISE 47
1000 YD. FREE WOMEN 40-44	1:15.43 GAYLE BENTY 41	2:28.82 JONELLE SCHMIDT 43	13:39.01 JUDY GILLIES 46
11:20.18 BARBARA DUNBAR 90	1:15.57 CAROLINE CAPPS 41	2:29.80 KIT ASHENFELTER 40	1650 YD. FREE WOMEN 45-49
11:31.44 DANIELLE OGIER 41	1:16.38 A.WRIGHT-BELKNAP 43	2:31.35 CELESTE MILLER 44	19:12.36 BARBARA DUNBAR 94
11:43.11 CELESTE MILLER 44	1:17.69 KIT ASHENFELTER 40	2:32.54 DEB WALKER 42	19:12.36 BARBARA DUNBAR 45
11:56.69 DOT MUNGER 42	1:17.78 KRISSY MACCUDY 41	400 YD. I.M. WOMEN 40-44	21:22.35 SUZANNE DILLS 48
11:57.63 PAM BANKS 40	1:17.98 JANE HARPER 41	5:01.58 ELLEN ROBERTS 94	21:22.35 SUZANNE DILLS 45
12:14.68 MISSY LE STRANGE 41	1:18.17 C.STONESIFER 41	5:01.58 ELLEN ROBERTS 41	21:27.26 KRISTINA KING 46
12:17.53 KIT ASHENFELTER 40	1:19.54 TERESA HOLLEY 40	5:02.44 DANIELLE OGIER 41	21:28.88 SALLY DILLON 47
12:18.17 DENISE EVERITT 41	200 YD. BRST WOMEN 40-44	5:05.01 MARY ANN STEVENS 40	22:00.66 LUCY JOHNSON 46
12:20.79 SHARON ODELL 41	2:37.37 GAYLE BENTY 93	5:21.45 KIT ASHENFELTER 40	22:04.37 ANN LYTTLE 46
12:31.69 MARIANNE BREMS 44	2:39.69 GAYLE BENTY 41	5:28.72 KRIS WINGENROTH 40	22:09.37 PHYLLIS SPRINGER 45
12:34.71 JOANNE BOWSER 40	2:41.54 DEB WALKER 42	5:29.59 MARIANNE BREMS 44	22:12.49 ANNE PAGE 45
1650 YD. FREE WOMEN 40-44	2:45.69 DANIELLE OGIER 41	5:32.77 DIANNE GARCIA 42	22:34.15 MAY COORS 45
18:58.23 BARBARA DUNBAR 89	2:47.87 CATHERINE KOHN 40	5:35.85 JOANNE BOWSER 40	50 YD. BACK WOMEN 45-49
19:14.00 DANIELLE OGIER 41	2:49.22 DOT MUNGER 42	5:35.96 DENISE EVERITT 41	31.85 KENDIS DRAKE 94
20:17.53 TERRY GAULT 43	2:50.36 A.WRIGHT-BELKNAP 43	5:36.39 PATRICIA MATTSON 40	31.79 KENDIS DRAKE 45NW
20:27.68 MISSY LESTRANGE 41	2:50.67 ELIN ZANDER 40	*****	32.91 JULIE CORMAN 45
20:46.74 KRIS WINGENROTH 40	2:52.27 DIANE ROTHENBERG 41	50 YD. FREE WOMEN 45-49	32.96 MIMI FRANK 46
20:47.87 KIT ASHENFELTER 40	2:52.59 JANE HARPER 41	25.98 ARDETH MUELLER 88	33.10 RUTH SHAPS 46
20:50.19 DEBBIE WILSON 40	2:53.52 KRISSY MACCUDY 41	27.15 SUSAN ROY 45	33.26 JANET BURDICK 46
21:00.18 JOANNE BOWSER 40	50 YD. FLY WOMEN 40-44	27.35 F.WILLIAMSON 46	33.94 PATRICE HIRR 45
21:04.69 KARLENE WISE 40	26.46 LAURA VAL 93	27.52 CAROLYN BOAK 48	34.16 JEANNIE MITCHELL 47
21:05.45 MARY SAAL 40	26.46 LAURA VAL 41	27.54 SUE TENDY 45	34.62 SUSAN MAGUIRE 45
21:08.28 PAT HILVERS 40	27.78 MARY ANN STEVENS 40	27.80 SHARON WISE 47	34.74 GINGER PIERSON 47
50 YD. BACK WOMEN 40-44	27.94 KAREN ROSENER 40	27.92 DIANE WALSH 48	35.43 SALLY HASBROOK 45
27.91 LAURA VAL 92	28.29 BONNIE ADAIR 41	28.03 ANN LYTTLE 46	100 YD. BACK WOMEN 45-49
28.09 LAURA VAL 42	28.60 KARLENE WISE 40	28.22 KENDIS DRAKE 45	1:07.54 KENDIS DRAKE 94
29.67 JOAN PFINGSGRAFF 40	28.61 ROSE WILSON 40	28.24 SALLY HASBROOK 45	1:07.54 KENDIS DRAKE 45
29.95 LIBBY LUNDGAARD 40	28.78 JOEL FELDMANN 42	28.37 LUCY JOHNSON 46	1:10.28 MIMI FRANK 47
30.63 BONNIE ADAIR 41	28.86 C.STONESIFER 41	100 YD. FREE WOMEN 45-49	1:13.21 JANET BURDICK 46
30.73 SALLY KARRASCH 41	28.92 CAROL PFLUGHEBER 40	57.91 ARDETH MUELLER 87	1:13.96 JEANNIE MITCHELL 47
30.77 CAROL PFLUGHEBER 40	29.20 R.BRITTINGHAM 42	58.85 CAROLYN BOAK 49	1:14.89 JULIE CORMAN 45
30.80 LANE ZIEGLER 40	100 YD. FLY WOMEN 40-44	1:00.01 F.WILLIAMSON 46	1:14.92 LUCY JOHNSON 46
30.90 JOEL FELDMANN 42	59.22 LAURA VAL 92	1:01.20 BARBARA DUNBAR 45	1:15.21 KATHRINE CASEY 45
31.10 C.STONESIFER 41	59.39 LAURA VAL 42	1:02.03 KATHRINE CASEY 45	1:15.91 PATRICE HIRR 45
31.15 PAM BANKS 40	1:02.34 MARYANN STEVENS 40	1:02.12 SHARON WISE 47	1:15.98 RUTH SHAPS 46
100 YD. BACK WOMEN 40-44	1:04.16 ROSE WILSON 40	1:02.21 ANN LYTTLE 46	1:16.92 KATHY KRUCKER 45
1:02.22 LAURA VAL 92	1:04.96 BONNIE ADAIR 41	1:02.46 LUCY JOHNSON 46	200 YD. BACK WOMEN 45-49
1:02.30 LAURA VAL 42	1:05.43 KARLENE WISE 40	1:03.23 JULIE CORMAN 45	2:30.18 KENDIS DRAKE 94
1:04.26 LIBBY LUNDGAARD 40	1:06.26 R.BRITTINGHAM 42	1:03.73 SUE TENDY 45	2:30.18 KENDIS DRAKE 45
1:04.61 JOAN PFINGSGRAFF 40	1:06.55 C.STONESIFER 41	1:03.73 SALLY DILLON 47	2:36.82 MIMI FRANK 47
1:05.93 MARY ANN STEVENS 40	1:07.12 CAROL PFLUGHEBER 40	200 YD. FREE WOMEN 45-49	2:39.94 KATHRINE CASEY 45
1:06.09 LANE ZIEGLER 40	1:07.14 CHARLOTTE DAVIS 44	2:05.71 ARDETH MUELLER 88	2:44.56 JANET BURDICK 46
1:07.04 PAM BANKS 40	1:07.80 JOAN PFINGSGRAFF 40	2:09.31 BARBARA DUNBAR 45	2:45.70 KATHY KRUCKER 45
1:07.15 SALLY KARRASCH 41	200 YD. FLY WOMEN 40-44	2:12.70 CAROLYN BOAK 49	2:45.86 MARY POHLMANN 49
1:07.79 C.STONESIFER 41	2:11.08 LAURA VAL 92	2:13.07 F.WILLIAMSON 46	2:45.93 JEANNIE MITCHELL 47
1:08.13 JOEL FELDMANN 42	2:12.35 LAURA VAL 42	2:17.51 KATHRINE CASEY 45	2:47.71 PHYLLIS SPRINGER 45
1:08.44 BONNIE ADAIR 41	2:20.60 MARY ANN STEVENS 40	2:18.19 ANN LYTTLE 46	2:48.25 CHRISTINE ZIMMET 45
200 YD. BACK WOMEN 40-44	2:27.09 KRIS WINGENROTH 40	2:19.17 SALLY DILLON 47	2:49.40 GINGER PIERSON 47
2:19.19 ELLEN ROBERTS 94	2:31.28 KAREN REILLY 40	2:21.75 MARCIA BARRY 45	50 YD. BRST WOMEN 45-49
2:19.19 ELLEN ROBERTS 41	2:32.65 DENISE EVERITT 41	2:21.89 LUCY JOHNSON 46	32.82 SUSAN ROY 94
2:19.60 LAURA VAL 42	2:33.16 CATHY MANCINO 44	2:22.29 KRISTINA KING 46	32.82 SUSAN ROY 45
2:20.93 LIBBY LUNDGAARD 40	2:33.19 ELLEN ROBERTS 41	2:22.31 SUZANNE DILLS 48	35.70 GINGER PIERSON 47
2:21.25 MARY ANN STEVENS 40	2:33.85 TERRY GAULT 43	500 YD. FREE WOMEN 45-49	35.79 SALLY HASBROOK 45
2:21.58 JOAN PFINGSGRAFF 40	2:35.02 BONNIE ADAIR 41	5:36.53 BARBARA DUNBAR 94	35.88 CAROLYN BOAK 48
2:26.13 PAM BANKS 40	2:39.54 R.BRITTINGHAM 42	5:36.53 BARBARA DUNBAR 45	35.95 KATHRINE CASEY 45
2:29.38 JONELLE SCHMIDT 43	100 YD. I.M. WOMEN 40-44	6:00.84 CAROLYN BOAK 48	36.38 MEEGAN WILSON 45
2:29.56 KARLENE WISE 40	1:03.57 LAURA VAL 93	6:03.98 F.WILLIAMSON 46	37.25 LINDA WILSON 45
2:33.64 MARIANNE BREMS 44	1:03.57 LAURA VAL 41	6:11.93 KRISTINA KING 46	37.40 JANET GETTLING 45
2:33.69 JOANNE BOWSER 40	1:05.03 BONNIE ADAIR 41	6:12.79 KATHRINE CASEY 45	37.56 LYNN CARTEE 46
50 YD. BRST WOMEN 40-44	1:06.15 DANIELLE OGIER 41	6:13.54 SALLY DILLON 47	37.67 SALLY DILLON 47
32.84 DEBORAH WALKER 93	1:06.31 ROSE WILSON 40	6:15.31 SUZANNE DILLS 49	100 YD. BRST WOMEN 45-49
33.74 DOT MUNGER 42	1:08.16 C.STONESIFER 41	6:16.44 MARCIA BARRY 45	1:11.83 SUSAN ROY 94
34.03 A.WRIGHT-BELKNAP 43	1:08.18 MARY ANN STEVENS 40	6:17.73 ANN LYTTLE 46	1:11.83 SUSAN ROY 45
34.08 DEBORAH WALKER 42	1:08.41 ELLEN ROBERTS 41	6:23.53 LUCY JOHNSON 46	1:16.24 CAROLYN BOAK 48
34.68 CAROLINE CAPPS 41	1:08.85 REBECCA BENSON 41	1000 YD. FREE WOMEN 45-49	1:18.02 GINGER PIERSON 48
34.87 GAYLE BENTY 41	1:08.95 DEBORAH WALKER 42	11:35.71 BARBARA DUNBAR 94	1:18.61 KATHRINE CASEY 45
35.49 TERESA HOLLEY 40	1:08.99 CHARLOTTE DAVIS 44	11:35.71 BARBARA DUNBAR 45	1:19.47 MEEGAN WILSON 45

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SHORT COURSE YARDS

1:20.58 LINDA WILSON	45	2:46.91 LUCY JOHNSON	46	21:59.45 MARCY BULLOCK	50	3:07.43 JACKIE MARR	50
1:21.22 SALLY DILLON	47	400 YD. I.M. WOMEN 45-49		22:08.72 JANE KATZ	50	3:10.72 PAM HIMSTREET	50
1:21.26 LYNN CARTEE	46	5:10.24 ARDETH MUELLER	87	22:18.54 NANCY RIDOUT	52	3:11.82 TITA ARNOLD	52
1:23.17 MAUREEN KIKUT	49	5:11.06 BARBARA DUNBAR	45	22:58.37 CAROL JEWELL	51	3:16.05 BETSY DURRANT	52
1:23.97 JANET GETTLING	45	5:32.75 CAROLYN BOAK	48	23:18.63 PAT MALEY	50	3:17.98 ELIZABETH JOHNSON	54
200 YD. BRST WOMEN 45-49		5:45.06 KATHRINE CASEY	45	23:53.31 ELAINE BROMWICH	51	3:20.14 PJ CRAMER	53
2:38.38 SUSAN ROY	94	5:49.02 SUZANNE DILLS	48	24:00.01 JAYNE LAMBKE	54	50 YD. FLY WOMEN 50-54	
2:38.48 SUSAN ROY	46	5:50.86 RUTH SHAPS	46	24:03.98 PINKY WALKER	51	28.64 DIANA TODD TAFT	94
2:47.07 CAROLYN BOAK	48	5:52.99 GINGER PIERSON	47	24:26.95 PAM HIMSTREET	50	28.64 DIANNA TODD TAFT	50
2:49.67 GINGER PIERSON	48	5:54.86 MARGE BURLEY	48	25:20.64 FREDERICKA RAPP	50	29.31 ARDETH MUELLER	52
2:54.78 MEEGAN WILSON	45	5:56.91 JEAN WOOD	46	50 YD. BACK WOMEN 50-54		30.37 JUDY REED	50
2:56.83 KATHRINE CASEY	45	5:58.72 ANNE PAGE	45	32.66 BETTY BENNETT	94	31.16 NANCY RIDOUT	51
2:58.65 SALLY ANN DILLON	47	5:58.91 LUCY JOHNSON	46	32.66 BETTY BENNETT	50	31.50 IRENE DAVID	50
3:00.12 MARGE BURLEY	48	*****		34.68 JUDY REED	50	31.57 SARAH BROUGHNER	52
3:00.61 LESLIE TREAT	45	50 YD. FREE WOMEN 50-54		35.83 NANCY RIDOUT	51	32.78 BETTY BENNETT	50
3:03.44 J.MURPHY-SHERMAN	49	27.02 DIANE TODD	94	36.30 SARAH BROUGHNER	52	33.26 BARBARA FRID	52
3:06.06 JEAN WOOD	46	26.99 ARDETH MUELLER	52NV	36.37 BARBARA FRID	52	33.30 BARBARA HOELLEN	51
50 YD. FLY WOMEN 45-49		27.02 DIANA TODD	50	36.47 DIANA TODD	50	34.20 MARCY BULLOCK	50
28.26 ARDETH MUELLER	88	27.27 JUDY REED	50	36.82 LESLIE SMITH	53	100 YD. FLY WOMEN 50-54	
29.71 BARBARA DUNBAR	45	27.91 NANCY RIDOUT	51	37.02 JANE KATZ	50	1:05.69 ARDETH MUELLER	92
30.13 SHARON WISE	47	28.07 COLLEEN MALMEN	50	37.29 PINKY WALKER	51	1:06.18 ARDETH MUELLER	52
30.40 KENDIS DRAKE	45	28.98 IRENE DAVID	50	37.37 BARBARA HOELLEN	51	1:07.41 DIANNA TODD TAFT	50
30.47 RUTH SHAPS	46	29.16 MARCY BULLOCK	51	100 YD. BACK WOMEN 50-54		1:14.07 IRENE DAVID	50
30.79 LUCY JOHNSON	46	29.41 LESLIE SMITH	53	1:10.58 BETTY BENNETT	94	1:15.25 NANCY RIDOUT	52
30.83 ROSE BARTOL	46	29.50 BETTY BENNETT	50	1:10.58 BETTY BENNETT	50	1:18.88 MARCY BULLOCK	51
31.23 CAROLYN BOAK	48	29.52 ARLENE PROEBSTING	51	1:15.67 ARDETH MUELLER	52	1:19.34 BARBARA HOELLEN	51
31.76 MARGE BURLEY	48	100 YD. FREE WOMEN 50-54		1:17.04 SARAH BROUGHNER	52	1:19.71 CAROL JEWELL	51
31.91 GINGER PIERSON	47	59.05 ARDETH MUELLER	93	1:18.53 JANE KATZ	51	1:22.93 JAYNE LAMBKE	54
32.09 SANDI ROUSSEAU	46	59.28 DIANA TODD	50	1:19.85 BARBARA FRID	52	1:26.04 JUDY DECKER	51
100 YD. FLY WOMEN 45-49		1:00.62 JUDY REED	50	1:21.74 PINKY WALKER	51	1:28.29 ELAINE BROMWICH	51
1:03.08 ARDETH MUELLER	88	1:01.00 ARDETH MUELLER	52	1:21.89 BETSY DURRANT	52	200 YD. FLY WOMEN 50-54	
1:04.21 BARBARA DUNBAR	45	1:02.69 NANCY RIDOUT	51	1:22.11 DIANA TODD	50	2:25.73 ARDETH MUELLER	92
1:04.24 KENDIS DRAKE	45	1:03.09 COLLEEN MALMEN	50	1:22.42 CHRIS GILLIGAN	50	2:26.65 ARDETH MUELLER	52
1:11.15 LUCY JOHNSON	46	1:05.27 BETTY BENNETT	50	1:22.90 JENNIFER PARKS	50	2:58.97 IRENE DAVID	50
1:14.45 SHARON WISE	47	1:05.80 IRENE DAVID	50	200 YD. BACK WOMEN 50-54		2:59.22 JACKIE MARR	51
1:15.47 SANDI ROUSSEAU	46	1:06.26 MARCY BULLOCK	51	2:37.19 BETTY BENNETT	94	3:04.90 CAROL JEWELL	51
1:16.01 B.EDELMAIER	47	1:06.63 JAYNE LAMBKE	54	2:37.19 BETTY BENNETT	50	3:07.81 ELAINE BROMWICH	51
1:16.59 JANET GETTLING	45	1:07.40 LESLIE SMITH	53	2:42.69 SARAH BROUGHNER	52	3:12.67 JAYNE LAMBKE	54
1:17.33 CHRISTINE ZIMMET	46	200 YD. FREE WOMEN 50-54		2:47.54 JANE KATZ	50	3:21.02 PAMELA HIMSTREET	50
1:17.60 CAROLYN KENT	48	2:11.99 ARDETH MUELLER	94	2:48.91 JACKIE MARR	50	3:24.45 PAT MALEY	50
1:20.42 GINGER PIERSON	47	2:11.99 ARDETH MUELLER	52	2:53.24 JUDY DECKER	51	3:26.00 ELIZABETH JOHNSON	54
200 YD. FLY WOMEN 45-49		2:20.28 JUDY REED	50	2:56.95 BETSY DURRANT	52	3:30.29 SALLY BOLAR	54
2:20.14 ARDETH MUELLER	88	2:22.59 NANCY RIDOUT	52	3:01.48 JENNIFER PARKS	50	100 YD. I.M. WOMEN 50-54	
2:20.83 BARBARA DUNBAR	45	2:22.62 COLLEEN MALMEN	50	3:02.77 PINKY WALKER	51	1:08.59 DIANA TODD	94
2:36.24 KENDIS DRAKE	45	2:24.02 BETTY BENNETT	50	3:02.89 CHRIS GILLIGAN	50	1:08.59 DIANA TODD	50
2:49.20 GINGER PIERSON	48	2:24.59 JACKIE MARR	50	3:03.65 NANCY MURPHY	51	1:11.90 ARDETH MUELLER	52
2:51.72 SUZANNE DILLS	49	2:26.29 DIANA TODD	50	50 YD. BRST WOMEN 50-54		1:12.78 BETTY BENNETT	50
2:54.17 B.EDELMAIER	47	2:28.21 JANE KATZ	50	34.89 DIANA TODD TAFT	94	1:13.86 COLLEEN MALMEN	50
2:55.75 CAROLYN KENT	48	2:30.17 CAROL JEWELL	51	34.89 DIANNA TODD TAFT	50	1:14.92 NANCY RIDOUT	51
2:57.67 CHRISTINE ZIMMET	46	2:31.44 JAYNE LAMBKE	54	36.99 ELAINE BROMWICH	51	1:15.14 JACKIE MARR	50
2:58.97 JEAN WOOD	46	500 YD. FREE WOMEN 50-54		37.47 NANCY RIDOUT	51	1:18.05 ELAINE BROMWICH	51
2:59.54 BARBARA LARSEN	46	5:53.05 ARDETH MUELLER	92	37.83 NANCY BROOKS	51	1:19.21 JACKIE MURPHY	50
3:05.66 EDITH JACOBSEN	46	5:55.83 ARDETH MUELLER	52	38.60 JOANN LEILICH	54	1:20.32 LESLIE SMITH	53
100 YD. I.M. WOMEN 45-49		6:23.94 NANCY RIDOUT	52	39.10 ARDETH MUELLER	52	1:20.38 W.CAVANAUGH-BELL	53
1:07.25 SUSAN ROY	94	6:24.31 JACKIE MARR	50	39.24 BETTY BENNETT	50	200 YD. I.M. WOMEN 50-54	
1:07.25 SUSAN ROY	45	6:28.13 COLLEEN MALMEN	50	39.44 JACKIE MURPHY	50	2:32.49 ARDETH MUELLER	94
1:07.42 KENDIS DRAKE	45	6:32.95 DIANA TODD	50	39.69 LESLIE SMITH	53	2:32.49 ARDETH MUELLER	52
1:08.19 CAROLYN BOAK	49	6:45.89 CAROL JEWELL	51	39.99 BETSY DURRANT	52	2:39.67 BETTY BENNETT	50
1:11.28 MIMI FRANK	47	6:48.08 JAYNE LAMBKE	54	100 YD. BRST WOMEN 50-54		2:43.05 JACKIE MARR	50
1:11.54 GINGER PIERSON	47	6:51.84 BETTY BENNETT	51	1:17.72 JOANN LEILICH	89	2:44.42 DIANA TODD	50
1:11.86 KATHRINE CASEY	45	6:52.31 PAT MALEY	50	1:19.47 ELAINE BROMWICH	51	2:48.19 SARAH BROUGHNER	52
1:12.37 RUTH SHAPS	46	6:52.94 IRENE DAVID	50	1:23.18 NANCY BROOKS	51	2:54.68 ELAINE BROMWICH	51
1:12.59 LYNN CARTEE	46	1000 YD. FREE WOMEN 50-54		1:24.28 JOANN LEILICH	54	2:55.41 JANE KATZ	50
1:13.38 JANET BURDICK	46	12:04.75 ARDETH MUELLER	92	1:25.35 BARBARA FRID	52	2:58.53 JUDY DECKER	51
1:13.94 ANN LYTTLE	46	12:04.45 ARDETH MUELLER	52NV	1:25.64 CAROL LAIRD	51	3:04.87 PAT MALEY	50
200 YD. I.M. WOMEN 45-49		13:14.73 MARCY BULLOCK	50	1:26.19 DIANA TODD	50	3:05.67 FREDERICKA RAPP	50
2:24.53 ARDETH MUELLER	88	13:24.71 JACKIE MARR	50	1:26.22 CAROLYN BEHSE	51	400 YD. I.M. WOMEN 50-54	
2:30.83 BARBARA DUNBAR	45	13:28.54 BARBARA FRID	52	1:28.33 JACKIE MURPHY	50	5:22.42 ARDETH MUELLER	92
2:33.70 CAROLYN BOAK	48	14:06.79 JAYNE LAMBKE	54	1:29.12 BETSY DURRANT	52	5:21.51 ARDETH MUELLER	52NV
2:38.03 MIMI FRANK	47	14:08.56 IRENE DAVID	50	1:30.02 PAM HIMSTREET	50	5:43.86 JACKIE MARR	50
2:39.49 KATHRINE CASEY	45	14:16.60 PAT MALEY	50	200 YD. BRST WOMEN 50-54		5:44.58 JANE KATZ	51
2:41.93 GINGER PIERSON	48	14:39.43 PINKY WALKER	51	2:50.93 JOANN LEILICH	90	5:53.05 BETTY BENNETT	50
2:42.36 RUTH SHAPS	46	14:42.81 NANCY MURPHY	51	2:57.35 ELAINE BROMWICH	51	6:04.68 ELAINE BROMWICH	51
2:43.11 LYNN CARTEE	46	14:53.69 PAMELA HIMSTREET	50	3:02.66 JOANN LEILICH	54	6:28.37 PAT MALEY	50
2:43.23 MARGE BURLEY	48	1650 YD. FREE WOMEN 50-54		3:04.66 CAROLYN BEHSE	51	6:36.04 JUDY DECKER	51
2:45.31 SUZANNE DILLS	48	20:08.79 ARDETH MUELLER	92	3:07.20 NANCY BROOKS	51	6:39.10 FREDERICKA RAPP	50

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6:41.74 PAMELA HIMSTREET 50	32.97 BETSY JORDAN 93	36.06 BEVERLY MYERS 58	32.79 GAIL ROPER 64
6:44.35 FRANCESCA DRUM 52	33.22 BETSY JORDAN 57	36.99 JEANNE LITTLE 57	33.43 BARBARA JOHNSON 61
*****	35.61 BARBARA JORDAN 56	37.15 MARGIE HEINEMAN 56	33.47 DENA MANN 62
50 YD. FREE WOMEN 55-59	36.85 JAYNE BRUNER 59	37.25 RONNIE KAMPHAUSN 59	33.52 BARBARA CALLISON 61
28.03 JAYNE BRUNER 90	37.31 BEVERLY MYERS 58	37.48 NANCY BROWN 56	100 YD. FREE WOMEN 60-64
29.91 JAYNE BRUNER 59	37.93 NANCY BROWN 57	37.67 DORIS KLITZKE 58	1:08.08 LAVELLE STOINOFF 93
31.00 JEANNE LITTLE 57	39.19 CAROL MACPHERSON 55	38.18 ANN KAY 59	1:09.16 RONNIE KAMPHAUSEN 60
31.10 RONNIE KAMPHAUSN 59	39.59 ANN KAY 59	100 YD. FLY WOMEN 55-59	1:09.24 LAVELLE STOINOFF 61
31.56 CHARLOTTE JENKINS 55	39.73 SUSAN LIVINGSTON 55	1:15.18 JAYNE BRUNER 91	1:09.28 ROXANNE MOTTER 61
31.66 SUSAN BRADLEY-COX 56	40.22 CHARLOTTE JENKINS 55	1:21.55 JAYNE BRUNER 59	1:11.16 DIANE REED 63
31.81 BARBARA ZAREMSKI 56	40.24 ANN CHAMP 58	1:24.07 CHARLOTTE JENKINS 55	1:11.36 ANN KAY 60
31.93 BETSY JORDAN 56	100 YD. BACK WOMEN 55-59	1:24.74 BETSY JORDAN 57	1:12.96 DENA MANN 62
31.94 JOHNNIE DETRICK 58	1:11.11 BETSY JORDAN 92	1:25.87 SUSAN LIVINGSTON 55	1:15.87 JUDIE OLIVER 61
32.02 DIANE STOWELL 59	1:14.29 BETSY JORDAN 57	1:27.50 ANNE MCGUIRE 59	1:18.54 MARY ANN STONE 60
32.30 BEVERLY MYERS 58	1:21.80 BARBARA JORDAN 56	1:29.93 JEANNE LITTLE 57	1:18.62 BARBARA CALLISON 61
100 YD. FREE WOMEN 55-59	1:24.04 SUSAN LIVINGSTON 55	1:30.74 MIDGE KRAETZER 55	1:19.55 GAIL ROPER 64
1:02.38 JAYNE BRUNER 90	1:24.15 NANCY BROWN 57	1:30.81 JAN MILLER 55	200 YD. FREE WOMEN 60-64
1:09.74 CHARLOTTE JENKINS 55	1:24.21 CAROL MACPHERSON 55	1:32.21 MARGIT JEBO 55	2:26.09 LAVELLE STOINOFF 93
1:09.89 CAROL MACPHERSON 55	1:25.16 BEVERLY MYERS 58	1:32.47 MARGIE HEINEMAN 56	2:27.89 LAVELLE STOINOFF 61
1:10.36 NANCY BROWN 58	1:26.04 JOANN LEILICH 55	200 YD. FLY WOMEN 55-59	2:32.24 RONNIE KAMPHAUSEN 60
1:12.01 DIANE STOWELL 59	1:27.44 ANN CHAMP 58	2:51.18 GAIL ROPER 86	2:35.85 ROXANNE MOTTER 61
1:12.09 BETSY JORDAN 57	1:28.65 DOROTHY WHITEHEAD 58	3:09.46 NANCY BROWN 58	2:44.23 DIANE REED 63
1:12.27 JEANNE LITTLE 57	1:29.12 SUSAN SPRINGER 55	3:11.13 SUSAN LIVINGSTON 55	2:44.93 DENA MANN 62
1:12.37 JOHNNIE DETRICK 58	200 YD. BACK WOMEN 55-59	3:12.44 BETSY JORDAN 57	2:50.24 GAIL ROPER 64
1:12.96 SUSAN MUNN 55	2:34.80 BETSY JORDAN 92	3:12.68 SUSAN MUNN 55	2:53.07 BARBARA CALLISON 61
1:13.63 CLAIRE O'BRIEN 55	2:44.28 BETSY JORDAN 57	3:14.69 ANNE MCGUIRE 59	2:53.88 ANN PISCIOTTA 63
1:14.10 BEVERLY MYERS 58	2:55.32 NANCY BROWN 57	3:17.14 JAN MILLER 55	2:56.74 RUTH KAZAZ 63
200 YD. FREE WOMEN 55-59	2:58.05 CAROL MACPHERSON 55	3:24.76 JEANNE LITTLE 57	2:56.93 MARY ANN STONE 60
2:22.66 LAVELLE STOINOFF 88	2:58.13 SUSAN LIVINGSTON 55	3:30.70 BARB ZAREMSKI 56	500 YD. FREE WOMEN 60-64
2:32.32 CAROL MACPHERSON 55	2:58.21 BARBARA JORDAN 56	3:32.86 MIDGE KRAETZER 55	6:22.62 LAVELLE STOINOFF 93
2:32.59 RONNIE KAMPHAUSEN 59	2:58.44 ANN CHAMP 58	3:36.62 DOT WERRY 57	6:33.87 LAVELLE STOINOFF 61
2:34.13 SUSAN BRADLEY-COX 56	2:58.91 ANN KAY 59	100 YD. I.M. WOMEN 55-59	6:45.24 RONNIE KAMPHAUSEN 60
2:34.49 SUSAN MUNN 55	3:03.85 SUSAN MUNN 55	1:12.56 JAYNE BRUNER 92	7:24.59 DIANE REED 63
2:35.66 NANCY BROWN 58	3:08.33 JOANN LEILICH 55	1:17.04 JAYNE BRUNER 59	7:25.39 JUDIE OLIVER 61
2:36.48 CHARLOTTE JENKINS 55	3:10.47 SUSAN SPRINGER 55	1:18.13 JOANN LEILICH 55	7:36.60 ANN PISCIOTTA 63
2:37.85 BETSY JORDAN 57	50 YD. BRST WOMEN 55-59	1:19.11 BETSY JORDAN 56	7:42.46 GAIL ROPER 64
2:39.25 SUSAN LIVINGSTON 55	35.16 JAYNE BRUNER 91	1:19.78 BEVERLY MYERS 58	7:45.78 MALCHIA OLSHAN 63
2:44.62 BARBARA JORDAN 56	35.59 JOANN LEILICH 55	1:22.79 SUSAN MUNN 55	7:54.22 DONNA MONROE 60
2:46.09 CLAIRE OBRIEN 55	36.86 JAYNE BRUNER 59	1:23.31 RONNIE KAMPHAUSN 59	7:55.23 BARBARA CALLISON 61
500 YD. FREE WOMEN 55-59	39.79 BEVERLY MYERS 58	1:23.40 DIANE STOWELL 59	8:03.69 MARY ANN STONE 60
6:09.83 LAVELLE STOINOFF 88	40.59 ANNE MCGUIRE 59	1:25.75 MARGIT JEBO 55	1000 YD. FREE WOMEN 60-64
6:37.91 CAROL MACPHERSON 55	40.72 MARGIT JEBO 55	1:26.64 ANNE MCGUIRE 59	13:12.73 LAVELLE STOINOFF 93
6:40.77 RONNIE KAMPHAUSN 59	40.86 MARGIE HEINEMAN 56	1:27.48 BARB ZAREMSKI 56	13:49.12 LAVELLE STOINOFF 61
6:45.84 SUSAN MUNN 55	41.45 JOHNNIE DETRICK 58	200 YD. I.M. WOMEN 55-59	14:02.69 RONNIE KAMPHAUSEN 60
6:47.32 SUSAN BRADLEY-COX 56	41.70 SALLY NEWELL 56	2:44.30 BETSY JORDAN 92	15:16.53 DIANE REED 63
6:56.94 NANCY BROWN 58	41.82 DIANE STOWELL 59	2:50.22 BETSY JORDAN 57	15:35.74 ANN PISCIOTTA 63
6:57.68 BETSY JORDAN 57	41.90 J.G. PIPER 56	2:50.65 JOANN LEILICH 55	15:50.90 MALCHIA OLSHAN 63
6:59.99 CHARLOTTE JENKINS 55	100 YD. BRST WOMEN 55-59	2:55.57 SUSAN MUNN 55	15:52.74 DONNA MONROE 60
7:01.78 JOANN LEILICH 55	1:18.52 JAYNE BRUNER 91	2:55.69 BEVERLY MYERS 58	16:09.24 GAIL ROPER 64
7:07.44 CLAIRE O'BRIEN 55	1:19.74 JOANN LEILICH 55	3:00.58 NANCY BROWN 57	16:13.41 BARBARA CALLISON 61
7:11.58 SUSAN LIVINGSTON 55	1:25.97 JAYNE BRUNER 59	3:02.43 SUSAN LIVINGSTON 55	16:25.32 MARY ANN STONE 60
1000 YD. FREE WOMEN 55-59	1:27.77 ANNE MCGUIRE 59	3:03.33 SUSAN BRADLEY-COX 56	16:33.88 NANCY DURSTEIN 63
12:45.02 LAVELLE STOINOFF 88	1:28.71 MARGIT JEBO 55	3:06.18 ANN KAY 59	1650 YD. FREE WOMEN 60-64
13:39.85 CAROL MACPHERSON 55	1:29.98 BEVERLY MYERS 58	3:09.31 ANNE MCGUIRE 59	22:13.13 LAVELLE STOINOFF 93
13:52.14 SUSAN BRADLEY-COX 56	1:31.89 DIANE STOWELL 59	3:10.06 BARB ZAREMSKI 56	22:42.65 LAVELLE STOINOFF 61
13:56.95 RONNIE KAMPHAUSEN 59	1:31.97 BETSY JORDAN 57	400 YD. I.M. WOMEN 55-59	23:17.79 RONNIE KAMPHAUSEN 60
14:08.89 SUSAN MUNN 55	1:32.34 J.G. PIPER 56	5:54.24 NANCY BROWN 91	25:59.53 ANN PISCIOTTA 63
14:17.02 BETSY JORDAN 57	1:32.79 MARGIE HEINEMAN 56	6:10.01 BETSY JORDAN 57	26:10.79 MALCHIA OLSHAN 63
14:20.02 NANCY BROWN 58	1:32.84 DONNA RYMAN 57	6:10.60 JOANN LEILICH 55	26:26.40 GAIL ROPER 64
14:40.46 BARBARA JORDAN 56	200 YD. BRST WOMEN 55-59	6:13.19 NANCY BROWN 58	26:26.84 DONNA MONROE 60
14:40.59 CHARLOTTE JENKINS 55	2:55.76 JOANN LEILICH 94	6:23.07 SUSAN BRADLEY-COX 56	27:21.49 NANCY DURSTEIN 64
14:54.61 CLAIRE OBRIEN 55	2:55.76 JOANN LEILICH 55	6:31.10 SUSAN MUNN 55	28:35.19 JODY ANDERSON 64
15:04.72 SANDRA KINGDON 55	3:10.95 ANNE MCGUIRE 59	6:32.69 JAN MILLER 55	28:41.70 A. CLARK-WEAVER 62
1650 YD. FREE WOMEN 55-59	3:13.86 MARGIT JEBO 55	6:34.23 SUSAN LIVINGSTON 55	28:55.22 BARBARA OWENS 64
21:22.63 LAVELLE STOINOFF 89	3:17.81 CAROL MACPHERSON 55	6:36.11 ANNE MCGUIRE 59	50 YD. BACK WOMEN 60-64
23:43.92 SUSAN MUNH 55	3:18.55 DAWN STROUPE 55	6:42.90 BARB ZAREMSKI 56	35.27 CLARA WALKER 91
24:36.85 SUSAN LIVINGSTON 55	3:22.82 SALLY NEWELL 56	7:05.27 DOT WERRY 57	37.87 RONNIE KAMPHAUSEN 60
24:39.90 BARBARA JORDAN 56	3:23.81 URSULA HARRIS 55	*****	38.20 ANN KAY 60
24:42.79 BETSY JORDAN 57	3:23.91 J.G. PIPER 56	50 YD. FREE WOMEN 60-64	39.08 LAVELLE STOINOFF 61
25:09.74 SANDRA KINGDON 55	3:24.82 ALICE JONES 55	30.15 RONNIE KAMPHAUSEN 94	39.83 JUDIE OLIVER 61
25:17.04 CLAIRE OBRIEN 55	3:25.81 DONNA RYMAN 57	30.15 RONNIE KAMPHAUSEN 60	40.68 DENA MANN 62
25:20.19 SUSAN SPRINGER 55	50 YD. FLY WOMEN 55-59	31.28 MARGARET TIMMINS 63	41.45 SUZANNE ROBBINS 60
25:34.66 BARB ZAREMSKI 56	31.76 GAIL ROPER 85	31.38 ROXANNE MOTTER 61	41.57 MARGARET TIMMINS 63
25:39.60 ANNE MCGUIRE 56	33.45 JAYNE BRUNER 59	32.02 LAVELLE STOINOFF 61	42.47 MARIA YUNGEL 62
25:53.18 JUDY PARRETT 59	34.73 CHARLOTTE JENKINS 55	32.05 DIANE REED 63	43.30 NANCY MACBETH 64
50 YD. BACK WOMEN 55-59	35.32 BETSY JORDAN 57	32.67 ANN KAY 60	43.36 ARDIS BOURLAND 61

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100 YD. BACK WOMEN 60-64	1:30.17 BARBARA CALLISON 61	1:17.83 NANCY MACBETH 65	1:41.73 ALICIA COLEMAN 68
1:17.94 CLARA WALKER 91	1:30.39 ANN KAY 60	1:18.64 BETTY RUSS 66	200 YD. BACK WOMEN 65-69
1:22.48 ANN KAY 60	1:31.32 ROXANNE MOTTER 61	1:20.46 KATY BURRELL 65	2:58.87 CLARA WALKER 92
1:23.38 RONNIE KAMPHAUSEN 60	1:33.63 ANN PISCIOTTA 63	1:20.88 DELLA SEHORN 66	3:03.87 CLARA WALKER 67
1:23.91 LAVELLE STOINOFF 61	1:38.01 NANCY MACBETH 64	1:23.46 ANITA HAZEN 66	3:18.44 NANCY MACBETH 65
1:25.18 ROXANNE MOTTER 61	1:38.67 JOAN ALEXANDER 62	200 YD. FREE WOMEN 65-69	3:20.42 DELLA SEHORN 66
1:26.38 JUDIE OLIVER 61	1:39.04 DONNA EDELBAUM 60	2:35.44 CLARA WALKER 92	3:21.53 JUNE KRAUSER 67
1:28.38 DENA MANN 62	1:40.90 CAROL TAYLOR 64	2:37.64 CLARA WALKER 67	3:25.35 JOAN MCINTYRE 65
1:32.27 SUZANNE ROBBINS 60	200 YD. FLY WOMEN 60-64	2:43.72 JUNE KRAUSER 67	3:26.70 KATHERINE BURRELL 65
1:32.78 JUDY CHADIMA 63	3:10.64 JUNE KRAUSER 88	2:48.19 JEAN TROY 66	3:31.71 FLORENCE CARR 68
1:35.31 JOAN MCINTYRE 64	3:12.50 RONNIE KAMPHAUSEN 60	2:48.40 FLORENCE CARR 68	3:35.03 NAN BLACKLEDGE 69
1:35.57 NANCY MACBETH 64	3:21.41 ANN PISCIOTTA 63	2:52.21 PETEY SMITH 69	3:36.09 PEGGY SANBORN 66
200 YD. BACK WOMEN 60-64	3:23.78 RUTH AARON 64	2:56.20 BETTY RUSS 66	3:36.15 C.WILLIAMS 69
2:53.49 LAVELLE STOINOFF 94	3:29.27 DONNA EDELBAUM 60	2:57.63 KATHERINE BURRELL 65	50 YD. BRST WOMEN 65-69
2:53.49 LAVELLE STOINOFF 61	3:39.70 JOAN ALEXANDER 62	2:58.36 DELLA SEHORN 66	40.79 CLARA WALKER 93
1:28.79 ANN KAY 60	3:40.99 LILLY KRON 62	3:01.06 ANITA HAZEN 66	41.71 CLARA WALKER 67
3:01.30 RONNIE KAMPHAUSEN 60	3:46.24 MALCHIA OLSHAN 63	3:12.42 CAROLYN DERR 66	41.75 CAROL TAYLOR 65
3:01.52 ROXANNE MOTTER 61	3:46.26 BARBARA CALLISON 61	500 YD. FREE WOMEN 65-69	45.20 ALICIA COLEMAN 68
3:05.90 JUDIE OLIVER 61	3:52.39 BARBARA OWENS 64	6:49.80 CLARA WALKER 92	45.38 JUNE KRAUSER 67
3:21.69 ANN PISCIOTTA 63	3:55.04 DONNA MONROE 60	7:06.11 CLARA WALKER 67	45.69 MICKEY SHOCKLEY 65
3:23.14 DONNA EDELBAUM 60	100 YD. I.M. WOMEN 60-64	7:14.69 JUNE KRAUSER 67	45.86 JEAN TROY 66
3:23.63 SUZANNE ROBBINS 60	1:18.93 CLARA WALKER 89	7:33.87 JEAN TROY 66	45.93 M.J.AMSBARY 69
3:25.14 MARIA YUNGEL 61	1:22.88 LAVELLE STOINOFF 61	7:37.90 PETEY SMITH 69	46.02 FLORENCE CARR 68
3:25.86 MARY JANE MULLINS 62	1:23.22 RONNIE KAMPHAUSEN 60	7:38.82 FLORENCE CARR 68	47.43 SUZANNE GRAHAM 67
50 YD. BRST WOMEN 60-64	1:23.58 ROXANNE MOTTER 61	7:48.95 BETTY RUSS 66	47.72 DORIS MCEWAN 69
39.74 CAROL TAYLOR 90	1:26.05 GAIL ROPER 64	7:58.50 ANITA HAZEN 66	100 YD. BRST WOMEN 65-69
40.68 ANN PISCIOTTA 63	1:26.08 BARBARA CALLISON 61	8:00.73 KATHERINE BURRELL 65	1:29.00 CLARA WALKER 93
42.01 LILLY KRON 62	1:27.12 ANN PISCIOTTA 63	8:03.23 DELLA SEHORN 66	1:34.35 CLARA WALKER 67
43.34 IDA SMITH 60	1:27.86 MARGARET TIMMINS 63	8:26.78 ELEANOR WESSNER 67	1:34.93 CAROL TAYLOR 65
43.37 CAROL TAYLOR 64	1:29.85 NANCY MACBETH 64	1000 YD. FREE WOMEN 65-69	1:36.64 JUNE KRAUSER 67
43.45 CAROL FERGUSON 62	1:33.49 LILLY KRON 61	14:04.18 CLARA WALKER 93	1:39.74 MICKEY SHOCKLEY 65
43.79 LAVELLE STOINOFF 61	1:33.52 DIANE REED 62	14:28.62 CLARA WALKER 67	1:41.12 M.J.AMSBARY 69
44.54 RONNIE KAMPHAUSEN 60	200 YD. I.M. WOMEN 60-64	14:50.46 JUNE KRAUSER 67	1:41.74 ALICIA COLEMAN 68
44.79 CINDY BAXTER 61	2:52.50 CLARA WALKER 91	15:17.16 JEAN TROY 66	1:41.98 FLORENCE CARR 68
45.60 IRMA REIMER 62	3:00.43 RONNIE KAMPHAUSEN 60	15:40.60 PETEY SMITH 69	1:43.56 BETH BLICKDELDT 68
45.90 BARBARA CALLISON 60	3:08.45 ANN KAY 60	15:43.58 FLORENCE CARR 68	1:45.18 JEAN TROY 66
100 YD. BRST WOMEN 60-64	3:08.78 BARBARA CALLISON 61	16:07.26 BETTY RUSS 66	1:46.47 ELFRIEDE ROGERS 66
1:27.13 ANN PISCIOTTA 91	3:09.92 ROXANNE MOTTER 61	16:33.60 ANITA HAZEN 66	200 YD. BRST WOMEN 65-69
1:29.46 ANN PISCIOTTA 63	3:12.13 ANN PISCIOTTA 63	17:23.21 BETTY BARABASH 65	3:15.96 CLARA WALKER 93
1:30.24 LILLY KRON 62	3:16.56 NANCY MACBETH 64	17:27.41 FAY BECK 67	3:25.85 CLARA WALKER 67
1:31.70 LAVELLE STOINOFF 61	3:25.26 LILLY KRON 62	17:47.11 NAN BLACKLEDGE 69	3:27.42 JUNE KRAUSER 67
1:34.46 CAROL FERGUSON 62	3:26.80 CAROL FERGUSON 62	1650 YD. FREE WOMEN 65-69	3:29.82 CAROL TAYLOR 65
1:36.51 BARBARA CALLISON 61	3:27.25 DONNA EDELBAUM 60	23:46.31 CLARA WALKER 93	3:40.52 MICKEY SHOCKLEY 65
1:37.03 IDA SMITH 60	3:28.54 MARIA YUNGEL 61	23:55.07 CLARA WALKER 67	3:43.53 M.J.AMSBARY 69
1:37.52 CAROL TAYLOR 64	400 YD. I.M. WOMEN 60-64	24:38.97 JUNE KRAUSER 67	3:48.06 FLORENCE CARR 68
1:39.23 CINDY BAXTER 61	6:14.72 CLARA WALKER 91	26:15.76 PETEY SMITH 69	3:54.37 BUNNY DAWSON 65
1:43.50 DONNA EDELBAUM 60	6:25.02 RONNIE KAMPHAUSEN 60	26:41.56 FLORENCE CARR 68	3:55.10 ELFRIEDE ROGERS 65
1:43.94 JOAN ALEXANDER 62	6:41.32 ANN PISCIOTTA 63	27:52.46 BETTY RUSS 66	3:57.17 BETTY RUSS 66
200 YD. BRST WOMEN 60-64	6:54.64 BARBARA CALLISON 61	28:10.11 ANITA HAZEN 66	3:57.53 ALICIA COLEMAN 68
3:11.24 ANN PISCIOTTA 91	6:59.55 LILLY KRON 62	28:41.54 FAY BECK 67	50 YD. FLY WOMEN 65-69
3:11.43 ANN PISCIOTTA 63	7:10.95 DONNA EDELBAUM 60	29:24.01 RUTH AARON 65	38.39 JEANNETTE EPPLEY 85
3:11.78 LAVELLE STOINOFF 61	7:23.82 BARBARA OWENS 64	29:32.49 LOIS NOCHMAN 69	38.95 NANCY MACBETH 65
3:13.23 JUDIE OLIVER 61	7:24.77 JOAN ALEXANDER 62	29:59.76 JOAN MCINTYRE 65	39.04 FLORENCE CARR 68
3:17.78 LILLY KRON 62	7:24.89 MALCHIA OLSHAN 63	50 YD. BACK WOMEN 65-69	39.61 CLARA WALKER 67
3:25.51 CAROL FERGUSON 62	7:25.68 CAROL TAYLOR 64	36.03 CLARA WALKER 92	39.72 JUNE KRAUSER 67
3:31.64 BARBARA CALLISON 61	7:27.66 JOY ROSS 60	37.26 CLARA WALKER 67	41.97 JEAN TROY 66
3:36.21 CAROL TAYLOR 64	*****	41.39 FLORENCE CARR 68	42.49 LOIS KIVI NOCHMAN 68
3:36.96 JOAN ALEXANDER 62	50 YD. FREE WOMEN 65-69	41.40 DELLA SEHORN 66	43.26 CAROL TAYLOR 65
3:37.78 IDA SMITH 60	31.01 CLARA WALKER 92	42.91 NANCY MACBETH 65	44.48 C.WILLIAMS 69
3:44.28 CINDY BAXTER 61	31.33 CLARA WALKER 67	44.36 M.J.AMSBARY 69	45.64 MICKEY SHOCKLEY 65
50 YD. FLY WOMEN 60-64	33.63 PETEY SMITH 69	44.40 C.WILLIAMS 69	46.96 PETEY MH. SMITH 69
34.94 BETTY BREY 92	33.68 FLORENCE CARR 68	44.49 DORIS MCEWAN 69	100 YD. FLY WOMEN 65-69
36.00 ROXANNE MOTTER 61	33.76 JEAN TROY 66	44.83 JUNE KRAUSER 67	1:27.22 JUNE KRAUSER 94
36.57 BARBARA CALLISON 61	33.95 NANCY MACBETH 65	45.09 JOAN MCINTYRE 65	1:27.22 JUNE KRAUSER 67
36.77 RONNIE KAMPHAUSEN 60	34.54 BETTY RUSS 66	45.27 KATHERINE BURRELL 65	1:33.09 NANCY MACBETH 65
37.04 ANN KAY 60	35.62 DELLA SEHORN 66	100 YD. BACK WOMEN 65-69	1:33.74 DELLA SEHORN 66
39.44 RUTH KAZEZ 63	36.06 JUNE KRAUSER 67	1:21.36 CLARA WALKER 94	1:35.94 CAROL TAYLOR 65
39.90 NANCY MACBETH 64	36.41 JEAN SCHNORBUS 67	1:21.36 CLARA WALKER 67	1:37.56 CLARA WALKER 67
42.22 ANN PISCIOTTA 63	36.89 SUZANNE GRAHAM 67	1:32.16 FLORENCE CARR 68	1:38.00 JEAN TROY 66
42.26 LAVELLE STOINOFF 61	100 YD. FREE WOMEN 65-69	1:32.47 DELLA SEHORN 66	1:39.28 LOIS NOCHMAN 69
42.42 IDA SMITH 60	1:09.04 CLARA WALKER 92	1:35.57 NANCY MACBETH 65	1:41.32 FLORENCE CARR 68
42.70 HARRIET FORKEY 61	1:11.18 CLARA WALKER 67	1:35.76 JUNE KRAUSER 67	1:48.24 ALICIA COLEMAN 68
100 YD. FLY WOMEN 60-64	1:14.56 JEAN TROY 66	1:36.28 KATHERINE BURRELL 65	1:51.08 MARIANNA HAGAN 65
1:23.43 JEANNETTE EPPLEY 80	1:14.98 FLORENCE CARR 68	1:36.84 M.J.AMSBARY 69	200 YD. FLY WOMEN 65-69
1:24.75 JUDIE OLIVER 61	1:16.81 JUNE KRAUSER 67	1:37.07 JOAN MCINTYRE 65	3:11.22 JUNE KRAUSER 94
1:26.50 RONNIE KAMPHAUSEN 60	1:17.14 PETEY MH. SMITH 69	1:41.31 DORIS MCEWAN 69	3:11.22 JUNE KRAUSER 67

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3:31.26 BETTY RUSS 66	3:13.63 RUTH BAAR 71	3:55.69 MARY LEE WATSON 72	1:34.52 DOROTHY DONNELLY 72
3:42.21 LOIS NOCHMAN 69	3:17.49 ELLA CARMICHAEL 70	3:56.77 H.HUGGINS 72	1:35.68 BETTY CHRISTIAN 72
3:53.52 JOAN MCINTYRE 65	3:19.93 MURIEL FLYNN 70	50 YD. BRST WOMEN 70-74	1:42.74 ELLA CARMICHAEL 70
4:00.80 RUTH MANFREDI 69	3:22.45 RUTH MANFREDI 70	43.90 BETTY CHRISTIAN 93	1:43.63 JEANNE MERRYMAN 71
4:10.34 ELFRIEDE ROGERS 66	3:22.49 DIANA SILVA 72	45.23 BETTY CHRISTIAN 72	1:43.78 PATSY WEISS 71
4:13.76 FLORENCE CARR 68	3:23.02 MARY LEE WATSON 72	47.38 CHARLOTE COSTELLO 71	1:45.56 CHARLOTE COSTELLO 71
4:23.95 MARIANNA HAGAN 65	500 YD. FREE WOMEN 70-74	47.44 REGAN KENNER 70	1:46.26 MARGE BOWDON 70
4:27.08 MARIAN WOLLE 66	7:51.53 MARGERY MEYER 93	49.60 JAE HOWELL 70	1:47.48 NANCY PHILLIPS 72
4:30.99 GLADYS OLSEN 67	8:02.05 MARGERY MEYER 71	49.93 PATSY WEISS 71	1:48.89 JAE HOWELL 70
100 YD. I.M. WOMEN 65-69	8:12.28 GRACE ALTUS 70	51.35 MURIEL FLYNN 71	1:48.98 DIANA SILVA 71
1:19.84 CLARA WALKER 92	8:46.31 PHYLLIS STAIGE 70	52.24 JEAN BEERS 71	200 YD. I.M. WOMEN 70-74
1:20.33 CLARA WALKER 67	8:56.33 DIANA SILVA 72	52.28 JEANNE MERRYMAN 71	3:31.04 DOROTHY DONNELLY 92
1:25.84 NANCY MACBETH 65	8:59.17 MURIEL FLYNN 70	53.50 BARDI DENDY 72	3:38.73 DOROTHY DONNELLY 72
1:27.81 JUNE KRAUSER 67	9:05.27 BUNNY CEDERLUND 72	55.17 MARGE BOWDON 70	3:44.87 ELLA CARMICHAEL 70
1:28.06 FLORENCE CARR 68	9:05.40 SUSANNA MARVEL 74	100 YD. BRST WOMEN 70-74	3:45.14 PATSY WEISS 71
1:29.12 DELLA SEHORN 66	9:08.35 MAURINE KORNFELD 72	1:39.18 BETTY CHRISTIAN 92	3:52.91 DIANA SILVA 71
1:31.78 JEAN TROY 66	9:08.72 B.ANN BURRILL 73	1:39.38 REGAN KENNER 70	3:59.33 MURIEL FLYNN 70
1:38.46 PETEY SMITH 69	9:09.49 RITA COSTELLO 71	1:40.36 BETTY CHRISTIAN 72	4:01.87 JAE HOWELL 71
1:39.09 BETTY RUSS 66	1000 YD. FREE WOMEN 70-74	1:48.99 CHARLOTE COSTELLO 71	4:04.40 H.HUGGINS 72
1:39.36 SUZANNE GRAHAM 67	16:23.35 MARGERY MEYER 93	1:49.21 PATSY WEISS 71	4:05.38 JUNE REYNOLDS 71
1:39.45 MICKEY SHOCKLEY 65	16:26.33 GRACE ALTUS 70	1:49.88 MURIEL FLYNN 71	4:06.30 MARY WIXTED 71
200 YD. I.M. WOMEN 65-69	16:49.66 MARGERY MEYER 71	1:52.76 JAE HOWELL 71	4:07.14 MERLYN EWBank 74
2:54.51 CLARA WALKER 92	18:16.33 PHYLLIS STAIGE 70	2:00.56 MARGE BOWDON 70	400 YD. I.M. WOMEN 70-74
3:01.09 CLARA WALKER 67	18:24.52 MARY LEE WATSON 72	2:00.58 JANE DOUGHERTY 72	7:36.45 MAXINE MERLINO 82
3:04.17 JUNE KRAUSER 67	18:38.66 MAURINE KORNFELD 72	2:03.52 JUNE REYNOLDS 71	8:08.50 JAE HOWELL 71
3:12.65 FLORENCE CARR 68	18:42.20 RITA COSTELLO 71	2:03.81 PAULINE STANGEL 72	8:08.96 MARGERY MEYER 71
3:15.05 NANCY MACBETH 65	18:43.44 DOROTHY DONNELLY 72	200 YD. BRST WOMEN 70-74	8:09.48 DIANA SILVA 72
3:15.63 DELLA SEHORN 66	18:43.71 DIANA SILVA 72	3:36.00 BETTY CHRISTIAN 92	8:25.81 RUTH MANFREDI 70
3:20.86 JEAN TROY 66	18:46.04 RUTH MANFREDI 70	3:37.62 REGAN KENNER 70	8:31.30 JUNE REYNOLDS 72
3:36.97 C.WILLIAMS 69	18:46.87 BILLIE BURILL 73	3:40.82 BETTY CHRISTIAN 72	8:42.48 MERLYN EWBank 74
3:38.11 LOIS NOCHMAN 69	1650 YD. FREE WOMEN 70-74	3:51.07 PATSY WEISS 71	8:47.68 GRACE ALTUS 70
3:44.22 ELFRIEDE ROGERS 66	27:15.78 MARGERY MEYER 93	3:59.95 MURIEL FLYNN 71	8:59.24 SYLVIA HILL 72
3:46.58 ALICIA COLEMAN 68	27:19.29 GRACE ALTUS 70	4:03.17 JAE HOWELL 71	9:11.05 MARY WIXTED 72
400 YD. I.M. WOMEN 65-69	27:41.81 MARGERY MEYER 71	4:09.53 JANE DOUGHERTY 71	9:12.86 DOROTHY DONNELLY 72
6:24.09 CLARA WALKER 93	30:54.10 SYLVIA HILL 72	4:19.00 JEAN BEERS 71	*****
6:27.19 JUNE KRAUSER 67	31:56.39 BUNNY CEDERLUND 72	4:20.98 PAULINE STANGEL 72	50 YD. FREE WOMEN 75-79
6:34.14 CLARA WALKER 67	32:12.51 B.ANN BURRILL 73	4:22.03 JUNE REYNOLDS 72	36.17 LENORE WINGARD 87
6:58.21 NANCY MACBETH 65	32:30.05 SUSANNA MARVEL 74	4:40.45 MERLYN EWBank 74	38.61 LOUISE DONOVAN 75
7:11.59 BETTY RUSS 66	33:03.62 MARJORIE NEWMAN 70	50 YD. FLY WOMEN 70-74	41.93 ANNE WALKER 78
7:24.81 FLORENCE CARR 68	33:08.86 NANCY PHILLIPS 72	40.34 JEANNETTE EPPLEY 90	43.27 MARGARET NAGLE 77
7:48.19 LOIS NOCHMAN 69	33:17.43 JEAN BEERS 71	43.37 JEANNE MERRYMAN 70	44.27 NANCY CLARK 79
7:53.68 ELFRIEDE ROGERS 65	34:13.66 MERLYN EWBank 74	47.98 DIANA SILVA 72	44.74 BETTY BRERETON 75
7:55.84 BETH BLICKDELDT 68	50 YD. BACK WOMEN 70-74	49.35 MARY WIXTED 72	44.76 GERTRUDE ZINT 76
8:00.31 RUTH MANFREDI 69	40.87 MARGERY MEYER 93	49.45 SARAH ALLNUTT 70	45.14 MARIE WICKLUN 79
8:00.43 MARIAN WOLLE 66	41.41 MARGERY MEYER 71	50.26 CHARLOTE COSTELLO 71	45.15 Y FRISCHHERTZ 76
*****	42.31 BUNNY CEDERLUND 72	50.34 GRACE ALTUS 70	45.45 NATE O'CONNELL 77
50 YD. FREE WOMEN 70-74	42.82 JEANNE MERRYMAN 71	51.02 NANCY PHILLIPS 72	46.26 KAY SCHIMPF 76
33.44 DOROTHY DONNELLY 94	43.69 REGAN KENNER 70	52.05 BARDI DENDY 72	100 YD. FREE WOMEN 75-79
33.44 DOROTHY DONNELLY 72	44.62 SARAH ALLNUTT 70	52.66 MURIEL FLYNN 71	1:21.57 LENORE WINGARD 86
34.81 JEANNE MERRYMAN 71	44.85 BETTY CHRISTIAN 72	52.67 JAE HOWELL 70	1:25.27 LOUISE DONOVAN 75
35.15 MARGERY MEYER 71	45.62 PATSY WEISS 71	100 YD. FLY WOMEN 70-74	1:27.91 RITA SIMONTON 75
36.41 RUTH BAAR 71	46.23 DIANA SILVA 72	1:39.75 JEANNETTE EPPLEY 90	1:37.09 GERTRUD ZINT 76
36.45 PHYLLIS STAIGE 70	46.62 MARGE BOWDON 70	1:48.21 DIANA SILVA 72	1:38.88 NANCY CLARK 79
36.47 ELLA CARMICHAEL 70	47.50 NANCY PHILLIPS 72	1:58.54 JUNE REYNOLDS 71	1:39.44 MARGARET NAGLE 77
36.48 BETTY CHRISTIAN 72	100 YD. BACK WOMEN 70-74	1:59.51 JAE HOWELL 71	1:39.98 ANNE WALKER 78
38.57 BUNNY CEDERLUND 72	1:32.99 MEYER/KENNER 94	2:02.35 MARY WIXTED 72	1:40.29 NATE O'CONNELL 77
38.81 SUSANNA MARVEL 74	1:32.99 MARGERY MEYER 71	2:02.38 SUE MCGAUGHEY 72	1:41.34 AUDREY ETIENNE 77
39.33 B.BURRILL 73	1:32.99 REGAN KENNER 70	2:05.65 SYLVIA HILL 72	1:41.34 Y FRISCHHERTZ 76
100 YD. FREE WOMEN 70-74	1:34.54 JEANNE MERRYMAN 71	2:06.01 IRENE SANDAHL 72	1:46.86 MARY REEVES 77
1:15.98 DOROTHY DONNELLY 92	1:36.44 BUNNY CEDERLUND 72	2:07.29 DOROTHY DONNELLY 72	200 YD. FREE WOMEN 75-79
1:19.01 DOROTHY DONNELLY 72	1:39.38 BETTY CHRISTIAN 72	2:09.37 ZADA TAFT 74	3:05.04 LENORE WINGARD 87
1:21.33 MARGERY MEYER 71	1:40.49 DIANA SILVA 72	2:09.62 GRACE ALTUS 70	3:14.47 RITA SIMONTON 75
1:21.51 JEANNE MERRYMAN 71	1:41.98 SARAH ALLNUTT 70	200 YD. FLY WOMEN 70-74	3:15.98 LOUISE DONOVAN 76
1:23.29 RUTH BAAR 71	1:45.04 NANCY PHILLIPS 72	3:54.84 JEANNETTE EPPLEY 90	3:35.76 Y FRISCHHERTZ 76
1:24.32 PHYLLIS STAIGE 70	1:45.21 H.HUGGINS 72	4:12.32 JAE HOWELL 71	3:39.67 GERTRUDE ZINT 76
1:26.32 ELLA CARMICHAEL 70	1:46.25 MARGE BOWDON 70	4:21.08 RUTH MANFREDI 70	3:45.11 MARY JANE REEVES 76
1:26.88 GRACE ALTUS 70	200 YD. BACK WOMEN 70-74	4:26.99 JUNE REYNOLDS 72	3:47.62 NANCY CLARK 79
1:28.40 BUNNY CEDERLUND 72	3:19.98 MARGERY MEYER 93	4:35.65 MERLYN EWBank 74	3:49.31 BETTY BRERETON 75
1:29.04 MURIEL FLYNN 71	3:25.89 REGAN KENNER 70	4:50.51 JANE DOUGHERTY 71	3:51.62 ANNE WALKER 78
1:29.93 DIANA SILVA 71	3:28.98 PATSY WEISS 71	4:51.48 SYLVIA HILL 72	3:51.73 MARDIE BROWN 76
200 YD. FREE WOMEN 70-74	3:31.39 MARGERY MEYER 71	5:07.00 WINNIE WALTER 73	3:53.06 JEAN DURSTON 79
2:51.42 MARGERY MEYER 93	3:34.92 JEANNE MERRYMAN 71	5:22.17 DOROTHY KIMMEL 73	500 YD. FREE WOMEN 75-79
2:58.86 MARGERY MEYER 71	3:35.76 BUNNY CEDERLUND 72	5:24.44 M.R. NEWMAN 70	8:22.65 RITA SIMONTON 93
3:03.07 DOROTHY DONNELLY 72	3:42.97 DIANA SILVA 72	5:32.63 ROSEMARY KARIKER 74	8:22.65 RITA SIMONTON 75
3:09.26 GRACE ALTUS 70	3:47.89 NANCY PHILLIPS 72	100 YD. I.M. WOMEN 70-74	9:25.72 MARY LENK 79
3:10.52 PHYLLIS STAIGE 70	3:53.04 MARGE BOWDON 70	1:33.02 BETTY CHRISTIAN 93	9:45.09 Y FRISCHHERTZ 76

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9:49.97 MARY JANE REEVES 76	1:04.31 HELEN ROUMASSET 78	4:27.01 JEAN DURSTON 79	44:23.33 GENEVA KAHRS 80
9:55.17 GERTRUD ZINT 76	1:04.62 JEAN DURSTON 79	4:27.41 Y FRISCHHERTZ 76	45:58.03 ANNE WILDER 80
9:59.59 JEAN DURSTON 79	1:05.63 DOROTHY ADAMS 78	4:38.79 MARY JANE REEVES 76	50 YD. BACK WOMEN 80-84
10:10.37 KAY SCHIMPF 76	100 YD. BRST WOMEN 75-79	5:02.61 MARY WENTWORTH 78	51.21 MARIE WICKLUN 94
10:17.55 MARDIE BROWN 76	1:49.55 GERTRUD ZINT 93	5:05.01 PAT MATTIESEN 77	50.64 MARIE WICKLUN 80NV
10:45.13 MARIE WICKLUN 79	1:49.55 GERTRUD ZINT 76	5:12.07 RUTH WUNDERLICH 75	56.15 MAXINE MERLINO 81
10:45.22 EDNA LAFLIN 76	1:57.63 RITA SIMONTON 75	5:55.82 HELENA HOFFMAN 78	1:00.01 MARION MUELLER 82
1000 YD. FREE WOMEN 75-79	2:03.78 KAY SCHIMPF 76	400 YD. I.M. WOMEN 75-79	1:03.86 EDITH HENDRY 82
17:30.22 RITA SIMONTON 94	2:06.27 EDITH GLUSAC 75	8:10.40 MAXINE MERLINO 88	1:04.99 CHIYOKO BANDO 80
17:30.22 RITA SIMONTON 75	2:06.48 SALLY JOY 77	8:32.93 GERTRUDE ZINT 76	1:05.06 JEAN CHENAUX 80
19:46.23 ANNE WALKER 78	2:14.06 MARDIE BROWN 76	9:06.98 JEAN DURSTON 79	1:05.66 MADELEINE MILLER 83
20:11.39 Y FRISCHHERTZ 76	2:25.36 MARY REEVES 77	9:13.50 KAY SCHIMPF 76	1:06.43 GENEVA KAHRS 80
20:17.99 GERTRUD ZINT 76	2:28.05 PAT MATTIESEN 77	10:38.95 MARY WENTWORTH 78	1:07.10 HELEN OFFENHAUSER 81
20:23.27 KAY SCHIMPF 76	2:30.16 RUTH WUNDERLICH 75	10:58.47 PAT MATTIESEN 77	1:08.25 ESTHER GRAFRATH 80
20:25.22 JEAN DURSTON 79	2:54.47 F.E. CICHANSKI 77	12:07.43 EDNA LAFLIN 76	100 YD. BACK WOMEN 80-84
20:29.89 MARY JANE REEVES 76	200 YD. BRST WOMEN 75-79	12:21.17 HELENA HOFFMAN 78	1:51.38 MARIE WICKLUN 94
23:04.85 HELEN ROUMASSET 78	4:04.18 RITA SIMONTON 94	15:04.93 ROSE STEWARD 76	1:51.33 MARIE WICKLUN 80NV
23:34.03 PAT MATTIESEN 77	4:04.18 RITA SIMONTON 75	50 YD. FREE WOMEN 80-84	2:02.29 MAXINE MERLINO 81
25:12.12 MURIEL BERGMAN 75	4:04.68 GERTRUD ZINT 76	*****	2:11.89 MARION MUELLER 82
1650 YD. FREE WOMEN 75-79	4:27.81 KAY SCHIMPF 76	44.25 JULIA DOLCE 91	2:18.88 ESTHER GRAFRATH 80
29:46.22 RITA SIMONTON 94	4:42.96 EDITH GLUSAC 75	43.38 MARIE WICKLUN 80NV	2:23.51 HELEN OFFENHAUSER 81
29:46.22 RITA SIMONTON 75	4:48.76 SALLY JOY 77	44.96 MAXINE MERLINO 81	2:25.96 GENEVA KAHRS 80
31:37.50 MARJORIE SHARPE 77	4:55.48 MARDIE BROWN 76	45.87 JULIA DOLCE 84	2:29.25 MADELEINE MILLER 83
32:30.75 MARIA LENK 79	5:17.83 Y FRISCHHERTZ 76	49.62 JEAN CHENAUX 80	2:32.01 WIN KENNEDY 80
33:24.12 JEAN DURSTON 79	5:18.56 MARY WENTWORTH 78	55.27 MADELEINE MILLER 83	2:32.33 EDITH HENDRY 82
34:25.26 Y FRISCHHERTZ 76	5:52.15 RUTH WUNDERLICH 75	57.02 ELLEN TAIT 83	200 YD. BACK WOMEN 80-84
35:02.27 MARY REEVES 77	6:02.00 HELENA HOFFMAN 78	57.07 WIN KENNEDY 80	3:56.44 MARIE WICKLUN 94
40:02.88 EDNA LAFLIN 76	50 YD. FLY WOMEN 75-79	58.02 EDITH HENDRY 82	3:51.12 MARIE WICKLUN 80NV
40:56.82 MARY LATHRAM 78	47.97 GERTRUD ZINT 93	1:01.37 HELEN OFFENHAUSER 81	4:26.59 MAXINE MERLINO 81
44:09.08 LEE HOLM 79	49.45 GERTRUD ZINT 76	1:01.37 AGNES ROMAYKO 80	4:41.93 MARION MUELLER 82
59:20.02 MARIJANE TORJESEN 76	55.28 JEAN DURSTON 79	100 YD. FREE WOMEN 80-84	5:06.59 MADELEINE MILLER 83
50 YD. BACK WOMEN 75-79	55.32 MARIA LENK 79	1:39.96 JULIA DOLCE 90	5:13.58 GENEVA KAHRS 80
46.51 MARIE WICKLUN 89	55.55 SALLY JOY 76	1:43.05 L.SCHERMERHORN 80	5:36.92 HILDA BUEL 80
48.28 ANNE WALKER 78	56.12 KAY SCHIMPF 76	1:44.17 MAXINE MERLINO 81	5:48.64 EDITH HENDRY 82
49.83 MARIE WICKLUN 79	58.72 MARDIE BROWN 76	1:45.41 MARIE WICKLUN 80	6:08.33 SUSAN MARSH 80
49.95 Y FRISCHHERTZ 76	1:05.09 EDITH GLUSAC 75	1:48.62 JEAN CHENAUX 80	50 YD. BRST WOMEN 80-84
50.11 LOUISE DONOVAN 75	1:08.52 MARY JANE REEVES 76	1:49.33 JULIA DOLCE 84	59.02 HELMI MEISE 93
51.15 GERTRUD ZINT 76	1:09.19 HELEN ROUMASSET 78	2:00.31 CHIYOKO BANDO 80	59.90 MAXINE MERLINO 81
51.22 MARDIE BROWN 76	1:09.63 NANCY CLARK 79	2:09.00 WIN KENNEDY 80	1:03.71 MADELEINE MILLER 83
53.62 EDITH GLUSAC 75	100 YD. FLY WOMEN 75-79	2:09.97 ELLEN TAIT 83	1:07.89 JEAN CHENAUX 80
55.14 IVY BROWNE 79	1:59.42 KAY SCHIMPF 93	2:11.57 MADELEINE MILLER 83	1:15.45 ANNE WILDER 80
56.19 JO LACY 76	1:59.42 KAY SCHIMPF 76	2:12.22 HELEN OFFENHAUSER 81	1:28.34 ESTHER GRAFRATH 80
56.90 KAY SCHIMPF 76	2:02.21 GERTRUD ZINT 76	200 YD. FREE WOMEN 80-84	1:32.44 HELEN OFFENHAUSER 81
100 YD. BACK WOMEN 75-79	2:11.91 JEAN DURSTON 79	3:51.76 JULIA DOLCE 90	1:32.76 SALLY RYCKMAN 82
1:42.30 ANNE WALKER 92	2:32.73 PAT MATTIESEN 77	3:53.64 MARIE WICKLUN 80	1:51.98 MARION MUELLER 82
1:46.13 ANNE WALKER 78	2:35.64 MARY WENTWORTH 78	3:58.25 MAXINE MERLINO 81	100 YD. BRST WOMEN 80-84
1:49.13 Y FRISCHHERTZ 76	2:39.82 RUTH WUNDERLICH 75	4:02.81 JULIA DOLCE 84	2:15.75 MAXINE MERLINO 94
1:49.74 GERTRUD ZINT 76	3:13.97 HELENA HOFFMAN 77	4:03.03 JEAN CHENAUX 80	2:15.75 MAXINE MERLINO 81
1:50.76 LOUISE DONOVAN 75	4:02.86 ZONA SEARS JONES 75	4:15.76 ELLEN TAIT 83	2:32.04 ELSA MATTILA 83
1:54.98 MARIE WICKLUN 79	4:24.62 ROSE STEWARD 76	4:19.07 MARIE KELLEHER 81	2:35.26 MADELEINE MILLER 83
1:56.67 EDITH GLUSAC 75	200 YD. FLY WOMEN 75-79	4:25.23 CHIYOKO BANDO 80	2:40.73 MARIE KELLEHER 81
2:04.22 KAY SCHIMPF 76	4:19.43 MAXINE MERLINO 88	4:28.00 GENEVA KAHRS 80	2:42.16 JEAN CHENAUX 80
2:05.83 NORMA HOFFRICHTER 75	4:36.58 JEAN DURSTON 79	4:48.06 MADELEINE MILLER 83	2:44.73 CHIYOKO BANDO 80
2:06.29 JO LACY 76	5:10.72 GERTRUDE ZINT 76	4:48.65 AGNES ROMAYKO 80	2:53.55 WIN KENNEDY 80
2:09.64 MARY LATHRAM 78	5:27.97 MARY WENTWORTH 78	500 YD. FREE WOMEN 80-84	2:53.96 ANNE WILDER 80
200 YD. BACK WOMEN 75-79	6:50.80 EDNA LAFLIN 76	10:45.81 RUTH SWITZER 88	3:16.39 ESTHER GRAFRATH 80
3:42.11 MARIE WICKLUN 91	6:54.70 HELENA HOFFMAN 78	10:22.72 MAXINE MERLINO 81NV	4:31.89 MARION MUELLER 82
3:48.46 ANNE WALKER 78	8:17.18 ZONA SEARS JONES 75	12:39.04 GENEVA KAHRS 80	200 YD. BRST WOMEN 80-84
3:50.75 Y FRISCHHERTZ 76	10:33.18 ROSE STEWARD 76	12:43.52 ELLEN TAIT 83	4:44.08 MAXINE MERLINO 94
3:57.22 MARIE WICKLUN 79	100 YD. I.M. WOMEN 75-79	12:48.30 AGNES ROMAYKO 80	4:44.08 MAXINE MERLINO 81
3:58.21 MARDIE BROWN 76	1:43.76 GERTRUD ZINT 93	13:29.82 ANNE WILDER 80	5:36.28 HILDA BUEL 80
4:05.61 GERTRUD ZINT 76	1:47.46 GERTRUDE ZINT 76	14:02.12 EDITH HENDRY 82	6:01.07 ANNE WILDER 80
4:27.55 JO LACY 76	1:49.53 LOUISE DONOVAN 76	15:57.23 ELIZABETH JOHN 83	6:08.01 MADELEINE MILLER 83
4:30.09 KAY SCHIMPF 76	1:53.41 KAY SCHIMPF 76	19:16.87 GERALDINE TURNER 82	7:11.16 HEDY PULLMAN 82
4:31.91 SALLY JOY 77	1:55.23 MARIA LENK 79	1000 YD. FREE WOMEN 80-84	50 YD. FLY WOMEN 80-84
4:32.16 JEAN DURSTON 79	1:59.45 Y FRISCHHERTZ 76	21:22.63 MAXINE MERLINO 94	1:01.62 MAXINE MERLINO 94
4:34.65 IVY BROWNE 79	2:02.38 JEAN DURSTON 79	21:22.63 MAXINE MERLINO 81	1:01.62 MAXINE MERLINO 81
50 YD. BRST WOMEN 75-79	2:02.84 MARDIE BROWN 76	25:33.93 AGNES ROMAYKO 80	1:07.98 ANNE WILDER 80
48.53 GERTRUD ZINT 93	2:04.41 SALLY JOY 76	25:56.31 ANNE WILDER 80	1:11.00 WIN KENNEDY 80
49.31 GERTRUD ZINT 76	2:07.60 BETTY BRERETON 75	27:50.91 MARION MUELLER 82	1:14.32 HILDA BUEL 80
54.24 SALLY JOY 76	2:12.16 HELEN ROUMASSET 78	32:48.73 ELIZABETH JOHN 83	1:27.16 PEARL SOBEL 82
56.93 EDITH GLUSAC 75	200 YD. I.M. WOMEN 75-79	36:11.07 GERALDINE TURNER 82	1:30.58 HELEN OFFENHAUSER 81
59.54 KAY SCHIMPF 76	3:52.62 GERTRUD ZINT 94	1650 YD. FREE WOMEN 80-84	1:30.98 ESTHER GRAFRATH 80
1:02.09 MARGARET NAGLE 77	3:52.62 GERTRUD ZINT 76	35:41.64 MAXINE MERLINO 94	1:40.37 MADELEINE MILLER 83
1:02.45 PAT MATTIESEN 77	4:20.94 KAY SCHIMPF 76	35:41.64 MAXINE MERLINO 81	100 YD. FLY WOMEN 80-84
1:02.98 NATE O'CONNELL 77	4:26.59 MARDIE BROWN 76	42:56.53 AGNES ROMAYKO 80	2:16.09 MAXINE MERLINO 94

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SHORT COURSE YARDS

2:16.09 MAXINE MERLINO 81	100 YD. BRST WOMEN 85-89	21.79 JAMES SMITH 24	100 YD. BACK M E N 19-24
2:41.15 ANNE WILDER 80	2:47.87 KATHERINE PELTON 91	21.80 JASON ROE 20	50.82 SIMON PERCY 94
2:42.38 MARIE KELLEHER 81	4:38.21 GRACE HIDDLESON 85	21.82 GRANT JENKINS 20	50.59 SIMON PERCY 22NV
3:01.36 HILDA BUEL 80	200 YD. BRST WOMEN 85-89	21.91 SHANNON TUCKER 22	53.03 DOUG KING 23
3:10.01 WIN KENNEDY 80	6:12.44 KATHERINE PELTON 91	100 YD. FREE M E N 19-24	53.24 JAMES SMITH 24
200 YD. FLY WOMEN 80-84	9:18.86 SALLY SCOTT 86	45.11 ERIC MAUER 94	53.62 JIM GIOTTONINI 23
5:33.46 ELSA MATTILA 91	50 YD. FLY WOMEN 85-89	45.11 ERIK MAUER 23	53.69 ERNEST COLTON 24
4:49.35 MAXINE MERLINO 81NV	1:16.00 ELLA PECKHAM 85	46.63 DAN KUTLER 23	54.29 KYLE HUEBNER 23
5:50.38 ELSA MATTILA 83	NO SWIMMERS	46.93 ADAM WERTH 24	55.17 SEAN LARSON 24
5:52.45 ANNE WILDER 80	100 YD. FLY WOMEN 85-89	46.98 E.NASCIMENTO 23	55.66 ROBERT KRUEGER 24
6:23.74 HILDA BUEL 80	3:01.71 ELLA PECKHAM 84	47.92 JAMES SMITH 24	56.21 JEFFREY RODDIN 24
100 YD. I.M. WOMEN 80-84	NO SWIMMERS	47.98 JASON ROE 20	56.82 LANCE BEZEK 23
1:59.73 MAXINE MERLINO 94	200 YD. FLY WOMEN 85-89	48.01 JUDD GLASSER 22	200 YD. BACK M E N 19-24
1:59.73 MAXINE MERLINO 80	6:39.85 KATHERINE PELTON 91	48.04 RYAN CHAPMAN 22	1:50.28 JOHN KEPPELER 92
2:19.02 MARIE KELLEHER 81	NO SWIMMERS	48.09 C.MORGAN 22	1:52.12 SIMON PERCY 22
2:32.43 MADELEINE MILLER 83	100 YD. I.M. WOMEN 85-89	48.33 R.RUTHERFORD 24	1:56.32 KYLE HUEBNER 23
2:33.82 CHIYOKO BANDO 80	2:41.31 ELLA PECKHAM 84	200 YD. FREE M E N 19-24	1:56.45 JIM GIOTTONINI 23
2:52.45 ANNE WILDER 82	NO SWIMMERS	1:41.45 JOHN KEPPELER 92	1:58.58 DOUG KING 23
2:41.70 ANNE WILDER 80	200 YD. I.M. WOMEN 85-89	1:41.66 ERIK MAUER 23	1:58.69 JAMES SMITH 24
2:42.01 HELEN OFFENHAUSER 81	5:57.63 ELLA PECKHAM 85	1:45.75 DAN KUTLER 23	2:00.22 SEAN LARSON 24
2:45.30 ESTHER GRAFRATH 80	NO SWIMMERS	1:46.50 JASON ROE 20	2:04.21 EUGENE STEIN 23
4:12.75 GERALDINE TURNER 82	400 YD. I.M. WOMEN 85-89	1:47.42 BRIAN NABETA 24	2:05.15 JIM MURRAY 24
200 YD. I.M. WOMEN 80-84	17:13.92 MARTHA KELLER 86	1:47.98 JAMES SMITH 24	2:06.17 LANCE BEZEK 23
4:22.55 MAXINE MERLINO 94	NO SWIMMERS	1:48.20 JIM GIOTTONINI 23	2:07.08 GEOFF HAMPTON 21
4:22.55 MAXINE MERLINO 81	*****	1:48.41 JIM MURRAY 24	50 YD. BRST M E N 19-24
5:02.17 ELSA MATTILA 83	50 YD. FREE WOMEN 90-94	1:48.63 PAUL KAWAI 22	26.68 CLAY KENNEDY 94
5:30.60 ANNE WILDER 80	1:27.65 LUELLE TYRA 83	1:48.84 ROSS FELDMAN 21	26.68 CLAY KENNEDY 24
9:01.71 GERALDINE TURNER 82	2:00.46 ANNA BAUSCHER 91	1:49.38 ERNEST COLTON 24	27.19 LIN WANG 19
400 YD. I.M. WOMEN 80-84	100 YD. FREE WOMEN 90-94	500 YD. FREE M E N 19-24	27.47 ERIC TARBELL 22
9:08.06 MAXINE MERLINO 94	3:12.36 ANNA BAUSCHER 93	4:38.46 RICHARD DREWELOW 92	27.48 CHRIS ERIKSEN 22
9:08.06 MAXINE MERLINO 80	4:11.16 ANNA BAUSCHER 90	4:52.75 DAN KUTLER 23	27.90 BRIAN NABETA 24
11:13.51 MARIE KELLEHER 81	200 YD. FREE WOMEN 90-94	4:56.47 ADAM WERTH 24	28.05 ROBERT SCHLYER 24
11:36.72 HILDA BUEL 80	6:26.10 ANNA BAUSCHER 93	4:57.86 JIM MURRAY 24	29.10 C.MORGAN 22
11:47.97 ANNE WILDER 80	6:26.10 ANNA BAUSCHER 90	4:58.16 TODD STRUCKMAN 23	29.16 GREGG WILDER 24
21:17.88 GERALDINE TURNER 82	500 YD. FREE WOMEN 90-94	4:58.82 JUDE GRIMLEY 24	29.36 HARLAN LAWSON 23
*****	15:48.03 ANNA BAUSCHER 92	4:59.87 JIM GIOTTONINI 23	29.40 CLAYTON BROWN 24
50 YD. FREE WOMEN 85-89	NO SWIMMERS	5:04.09 TODD RADEL 21	100 YD. BRST M E N 19-24
48.59 AILEEN SOULE 91	1000 YD. FREE WOMEN 90-94	5:05.20 BRENDAN HALFFMAN 24	58.69 NEILL WILLIAMS 92
1:08.01 RUTH SWITZER 85	32:53.76 ANNA BAUSCHER 93	5:10.93 DAVID DIAZ 19	59.21 GREG SCHAFFER 23
1:09.65 M.B. MCKECHNIE 89	NO SWIMMERS	5:11.81 JEFF JOTZ 24	59.52 RYAN CHAPMAN 22
1:22.60 SALLY SCOTT 86	50 YD. BACK WOMEN 90-94	1000 YD. FREE M E N 19-24	59.64 CLAY KENNEDY 24
1:58.92 JEANNE MILLER 86	1:29.25 ANNA BAUSCHER 93	9:49.98 MARK CLEAVENGER 87	1:00.11 ERIC TARBELL 22
2:09.05 GRACE HIDDLESON 85	1:29.25 ANNA BAUSCHER 91	10:23.12 JIM MURRAY 24	1:00.33 CHRIS ERIKSEN 22
100 YD. FREE WOMEN 85-89	100 YD. BACK WOMEN 90-94	10:28.62 EUGENE STEIN 23	1:00.53 TODD RADEL 21
1:51.05 AILEEN SOULE 91	3:02.44 ANNA BAUSCHER 93	10:31.68 R.RUTHERFORD 24	1:01.13 JOHN DOOLITTLE 24
2:31.56 RUTH SWITZER 85	3:02.44 ANNA BAUSCHER 90	10:42.65 JEFF JOTZ 24	1:01.20 ROBERT SCHLYER 24
200 YD. FREE WOMEN 85-89	200 YD. BACK WOMEN 90-94	10:46.13 BRENDAN HALFFMAN 24	1:01.98 BRIAN NABETA 24
4:08.66 AILEEN SOULE 91	6:22.49 ANNA BAUSCHER 93	11:13.20 WADE RIDDICK 24	1:02.75 HARLAN LAWSON 23
NO SWIMMERS	6:22.49 ANNA BAUSCHER 90	11:15.03 ANDREW BURTON 21	200 YD. BRST M E N 19-24
500 YD. FREE WOMEN 85-89	50 YD. BRST WOMEN 90-94	11:18.00 MARCUS LEMASTER 24	2:08.17 GREG SCHAFFER 94
14:15.17 MARIAN MCKECHNIE 90	2:26.52 LUELLE TYRA 84	11:28.19 MATT TRENEY 22	2:08.17 GREG SCHAFFER 23
NO SWIMMERS	NO SWIMMERS	11:36.70 QUANAH RIDENOUR 24	2:10.44 JOHN DOOLITTLE 24
1000 YD. FREE WOMEN 85-89	100 YD. BRST WOMEN 90-94	1650 YD. FREE M E N 19-24	2:10.84 RYAN CHAPMAN 22
30:28.48 MARIAN MCKECHNIE 92	5:30.32 LUELLE TYRA 83	16:46.74 MICHAEL COLLINS 89	2:11.75 TODD RADEL 21
NO SWIMMERS	NO SWIMMERS	17:00.46 TODD STRUCKMAN 23	2:13.49 LIN WANG 19
1650 YD. FREE WOMEN 85-89	200 YD. BRST WOMEN 90-94	17:29.54 GEORGE FASTRICH 24	2:15.63 ROBERT SCHLYER 24
50:54.73 ELLA PECKHAM 85	11:48.36 LUELLE TYRA 83	17:31.77 JIM GIOTTONINI 23	2:18.37 ERIC PETRILLA 24
NO SWIMMERS	NO SWIMMERS	18:13.94 JAMES SMITH 24	2:20.07 CHRIS ERIKSEN 22
50 YD. BACK WOMEN 85-89	50 YD. FLY WOMEN 90-94	18:27.50 ROBERT VALENTIN 23	2:22.29 CLAYTON BROWN 24
49.59 AILEEN SOULE 91	3:47.79 ANNA BAUSCHER 93	18:30.66 BRENDAN HALFFMAN 24	2:23.30 JOHN MACKENROTH 24
1:21.22 SALLY SCOTT 86	3:47.79 ANNA BAUSCHER 91	19:03.23 ANDREW BURTON 21	50 YD. FLY M E N 19-24
1:30.68 M.B. MCKECHNIE 89	100 YD. I.M. WOMEN 90-94	19:11.38 CHARLES EHM 24	23.14 ADAM WERTH 92
1:41.27 JEANNE MILLER 86	5:05.96 ANNA BAUSCHER 93	19:27.88 QUANAH RIDENOUR 24	23.38 JIM GIOTTONINI 23
2:09.67 GRACE HIDDLESON 85	5:06.12 ANNA BAUSCHER 90	19:39.38 WADE RIDDICK 24	23.47 RONALD SCOTT 23
100 YD. BACK WOMEN 85-89	200 YD. I.M. WOMEN 90-94	50 YD. BACK M E N 19-24	23.60 JEFFREY ROE 21
1:55.84 AILEEN SOULE 91	10:43.74 ANNA BAUSCHER 93	24.19 JOHN KEPPELER 92	23.83 CHRIS MORGAN 22
2:54.82 SALLY SCOTT 86	11:05.63 ANNA BAUSCHER 91	24.58 JIM GIOTTONINI 23	23.99 ERNEST COLTON 24
3:06.24 M.B. MCKECHNIE 89	*****	24.99 JAMES SMITH 24	24.02 BRAD BUDNEY 22
200 YD. BACK WOMEN 85-89	50 YD. FREE M E N 19-24	25.67 SEAN LARSON 24	24.09 LARRY CAMPBELL 24
4:09.33 AILEEN SOULE 91	20.25 ERIC MAUER 94	25.92 LARRY CAMPBELL 24	24.10 TYRANO DIAZ 19
6:09.49 SALLY SCOTT 86	20.25 ERIK MAUER 23	25.98 BRAD BUDNEY 22	24.24 ROSS FELDMAN 21
7:13.46 M.B. MCKECHNIE 89	21.55 ADAM WERTH 24	26.16 LANCE BEZEK 23	24.28 DAVID METTS 23
50 YD. BRST WOMEN 85-89	21.63 C.MORGAN 22	26.19 R.RUTHERFORD 24	100 YD. FLY M E N 19-24
1:17.90 MARJ POLLOCK 92	21.65 JUDD GLASSER 22	26.35 JUDD GLASSER 22	50.55 CHRIS MAYFIELD 94
1:51.83 SALLY SCOTT 86	21.69 DAN KUTLER 23	26.59 KYLE HUEBNER 23	50.55 CHRIS MAYFIELD 24
2:07.03 GRACE HIDDLESON 85	21.75 ERIC TARBELL 22	27.20 DOUG QUIST 24	51.08 GREG SCHAFFER 23

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SHORT COURSE YARDS

51.31 ERIK MAUER	23	46.94 CHIP HOBSON	26	54.66 BRETT ROSE	29	1:50.04 MIKE SHAFFER	28
52.13 ERNEST COLTON	24	47.02 ERIC WILHELM	25	200 YD. BACK M E N 25-29		1:50.44 ONDRES BURES	27
52.27 JIM GIOTTONINI	23	47.42 STEPHEN STAHL	29	1:49.87 ROBERT HAUCK	94	1:52.22 STEVEN REED	25
52.36 JUDD GLASSER	22	47.48 ERIK OSBORN	25	1:49.87 ROBERT HAUCK	28	1:54.08 ERIC WSLHELM	25
52.47 MARK GOLDMAN	22	47.49 C.JACOBS	29	1:55.95 MICHAEL KANNER	25	1:58.84 DAVID LEDERMAN	27
52.95 TYRANO DIAZ	19	200 YD. FREE M E N 25-29		1:56.38 CHRIS STEVENSON	29	1:59.30 JOE VRUDNY	29
53.08 GEORGE FASTRICH	23	1:39.38 FRANZ MORTENSEN	93	1:57.20 RICK GRAVES	26	1:59.86 CHRIS STEVENSON	29
53.28 RONALD SCOTT	23	1:39.76 JOHN KEPPELER	26	1:58.04 DAVID DEPPELER	29	2:01.01 KURT DICKSON	26
100 YD. FLY M E N 19-24		1:40.52 CHIP HOBSON	26	1:58.08 BRETT ROSE	29	2:01.16 RANDALL EICKHOFF	28
1:51.04 STEVEN REED	93	1:42.99 JEFF UTSCH	26	1:58.21 KURT DICKSON	26	100 YD. I.M. M E N 25-29	
1:53.45 ERIK MAUER	23	1:43.46 WINSTON RITCHEY	26	1:59.53 DAVID KASTIGAR	29	50.47 MOOK RHODENBAUGH	91
1:55.43 GEORGE FASTRICH	23	1:44.46 BERT BERGEN	27	1:59.97 EMAD ELSHAFEI	27	52.26 NEILL WILLIAMS	26
2:04.17 TYRANO DIAZ	19	1:44.47 STEVE REED	25	2:00.64 JERRY FRENTSOS	28	52.35 TROY DALBEY	25
2:08.47 MARK GOLDMAN	22	1:44.70 STEPHEN STAHL	29	50 YD. BRST M E N 25-29		52.97 DANIEL VEATCH	28
2:10.17 KYLE HUEBNER	23	1:44.80 TODD MERCER	26	25.34 GREG RHODENBAUGH	91	53.04 ROBERT HAUCK	28
2:14.75 JONATHAN CHODACKI	19	1:45.06 JEFFREY RODGERS	27	26.87 NEILL WILLIAMS	26	54.32 DAN MENDENHALL	27
2:20.19 ROBERT VALENTIN	23	1:45.24 ERIC WILHELM	25	26.98 RONALD AITKEN	25	54.37 NEIL HARPER	29
2:21.12 WADE RIDDICK	24	500 YD. FREE M E N 25-29		27.06 ERIC HANSEN	27	54.84 BOB JENNINGS	28
2:44.43 JERRY THOMPSON	19	4:30.25 CHIP HOBSON	94	27.30 BOB JENNINGS	28	54.90 WINSTON RITCHEY	26
2:51.84 ALBERT VANDIJK	23	4:30.25 CHIP HOBSON	26	27.34 BRIAN SCOTTOLINE	29	55.07 GARY YANG	25
100 YD. I.M. M E N 19-24		4:32.91 ERIC WILHELM	25	27.42 TROY DALBEY	25	55.07 JERRY FRENTSOS	28
52.01 ADAM WERTH	92	4:36.13 DANIEL VEATCH	28	27.54 JOHN HALLMAN	29	200 YD. I.M. M E N 25-29	
52.61 ERIK MAUER	23	4:41.67 JEFF UTSCH	26	27.85 JOSEPH RATCLIFF	27	1:52.55 CAMERON REID	88
52.75 GREG SCHAFFER	23	4:41.85 JOHN KEPPELER	26	27.88 ANDY DEICHERT	26	1:53.08 JAN BIDRMAN	28
53.94 ERIC TARBELL	22	4:43.45 JOHN PEARSON	28	28.11 JOHN SCHWENGER	28	1:55.68 DANIEL VEATCH	28
54.34 SIMON PERCY	22	4:45.41 ONDRE BURES	27	100 YD. BRST M E N 25-29		1:56.76 JEFFREY ROODIN	25
54.59 ADAM WERTH	24	4:48.25 STEPHEN STAHL	29	56.21 DAVID LUNDBERG	90	1:56.99 NEILL WILLIAMS	26
54.85 RYAN CHAPMAN	22	4:51.37 WINSTON RITCHEY	26	57.49 NEILL WILLIAMS	26	1:58.01 RICK GRAVES	26
54.93 JIM GIOTTONINI	23	4:51.40 CHUCK WILEY	29	59.53 RONALD AITKEN	25	1:58.87 BERT BERGEN	27
55.48 PAUL KAWAI	22	1000 YD. FREE M E N 25-29		59.74 BOB JENNINGS	28	1:58.93 PATRICK HELMUTH	25
55.75 JUDD GLASSER	22	9:26.67 CHIP HOBSON	94	1:00.21 ERIC HANSEN	27	1:59.07 TROY DALBEY	25
55.98 R.RUTHERFORD	24	9:26.67 CHIP HOBSON	26	1:00.46 TIMOTHY WAUD	26	1:59.27 JERRY FRENTSOS	28
200 YD. I.M. M E N 19-24		9:49.51 ONDRE BURES	27	1:00.46 BRIAN SCOTTOLINE	29	1:59.41 BOB JENNINGS	28
1:52.82 SIMON PERCY	94	10:00.21 TROY DALBEY	25	1:00.84 DEWEY WYATT	29	400 YD. I.M. M E N 25-29	
1:52.82 SIMON PERCY	22	10:00.93 S.LATHROP	28	1:01.05 JOHN HALLMAN	29	3:59.73 CAMERON REID	88
1:54.09 GREG SCHAFFER	23	10:05.19 ERIC WILHELM	25	1:01.72 NEILL WILLIAMS	25	4:01.07 JAN BIDRMAN	28
1:54.42 ERIK MAUER	23	10:06.23 MICHAEL COLLINS	27	1:01.82 ANDY DEICHERT	26	4:06.94 ONDRES BURES	27
1:58.16 GEORGE FASTRICH	23	10:16.07 JOHN PEARSON	28	200 YD. BRST M E N 25-29		4:14.46 JOHN PEARSON	28
1:58.51 RYAN CHAPMAN	22	10:16.41 JOE VRUDNY	29	2:03.69 DOUGLAS SOLTIS	88	4:14.97 RICK GRAVES	26
1:59.63 BRIAN NABETA	24	10:28.10 ERIV HOCHSTEIN	25	2:09.35 NEILL WILLIAMS	26	4:19.16 NEILL WILLIAMS	26
2:01.28 JIM GIOTTONINI	23	10:34.53 JOHN SHEARD	28	2:09.70 BOB JENNINGS	28	4:19.59 JOE VRUDNY	29
2:01.66 KYLE HUEBNER	23	1650 YD. FREE M E N 25-29		2:11.83 S.LATHROP	28	4:23.61 DAVID LEDERMAN	27
2:01.68 TODD RADEL	21	15:46.91 BOBBY PATTEN	90	2:13.83 JOHN PEARSON	28	4:24.64 DAVID EVERHART	29
2:02.12 DOUG KING	23	15:57.34 ONDRES BURES	27	2:14.51 JOHN HARLOW	25	4:25.25 MICHAEL COLLINS	27
400 YD. I.M. M E N 19-24		16:11.24 JOHN PEARSON	28	2:14.86 RONALD AITKEN	25	4:27.09 MARK STORI	28
4:04.34 JOHN KEPPELER	92	16:37.93 CHUCK WILEY	29	2:15.90 JERRY SMITH	28	*****	
4:20.09 TODD RADEL	21	17:09.11 MICHAEL COLLINS	28	2:16.05 MARK STORI	28	50 YD. FREE M E N 30-34	
4:20.19 JOHN DOOLITTLE	24	17:14.44 JOE VRUDNY	29	2:16.08 JOHN HALLMAN	29	20.90 JOHN SMITH	92
4:26.04 KYLE HUEBNER	23	17:35.38 STUART CROMARTY	29	2:16.32 SCOTT MENCKE	27	21.02 PATRICK KEATING	30
4:34.58 TODD STRUCKMAN	23	17:39.40 JON CHRISTENSEN	29	50 YD. FLY M E N 25-29		21.20 FRANZ MORTENSEN	30
4:39.69 PAUL KAWAI	22	17:47.08 DENNIS TESCH	28	22.27 COY COBB	91	21.40 CLAY BRITT	33
4:44.16 ROBERT VALENTIN	24	17:59.03 JAMES ALLEN	27	22.32 TROY DALBEY	25	21.54 DAVID LUNDBERG	33
4:49.50 JIM GIOTTONINI	23	17:59.17 STACEY JONES	26	22.78 ERIC HANSEN	27	21.55 BRAD HERING	32
4:51.15 ALEXANDER HALL	22	50 YD. BACK M E N 25-29		22.89 JOHN GAROFOLO	25	21.57 ROBERT KILLEEN	31
4:53.30 WADE RIDDICK	24	23.23 MOOK RHODENBAUGH	91	23.12 ROBERT HAUCK	28	21.63 THOMAS REDIG	32
4:55.22 JONATHAN CHODACKI	19	23.74 MICHAEL KANNER	25	23.17 STEVEN REED	25	21.89 JAMES LILLEY	34
*****		24.77 JOHN LADERER	29	23.30 JOHN LADERER	29	21.92 JERRY KOLLROS	31
50 YD. FREE M E N 25-29		25.36 TIMOTHY VELASCO	27	23.31 JEFFREY ROODIN	25	21.92 WILL DOUGLAS	34
19.83 ROBERT PEEL	91	25.36 CHRIS STEVENSON	29	23.46 DAN MENDENHALL	27	100 YD. FREE M E N 30-34	
20.36 TROY DALBEY	25	25.41 MICHAEL CREASER	27	23.67 NEILL WILLIAMS	26	45.29 JIM MONTGOMERY	85
20.43 ROBERT PEEL	28	25.45 GREGORY MACKEM	25	23.70 WINSTON RITCHEY	26	47.09 PATRICK KEATING	30
20.90 WINSTON RITCHEY	26	25.46 NEIL HARPER	29	100 YD. FLY M E N 25-29		47.10 THOMAS REDIG	32
21.11 BERT BERGEN	27	25.51 SCOTT HOFFER	29	49.71 STUART KNOWLES	91	47.33 TOM VERDIN	32
21.28 JOHN LADERER	29	25.64 MIKE SHAFFER	28	49.88 JAN BIDRMAN	28	47.61 ROBERT KILLEEN	31
21.41 STEVEN REED	25	25.75 NEILL WILLIAMS	26	49.94 TROY DALBEY	25	47.61 GREG REMMERT	31
21.46 DAN MENDENHALL	27	100 YD. BACK M E N 25-29		50.30 STEVEN REED	25	47.74 MARK NOETZEL	31
21.52 JOHN GAROFOLO	25	49.83 ANDREW GILL	92	50.76 JEFFREY ROODIN	25	47.89 JAMES LILLEY	34
21.62 CHIP HOBSON	26	49.88 ERIC HANSEN	27	50.85 ROBERT HAUCK	28	47.98 WILL DOUGLAS	34
21.66 NEILL WILLIAMS	26	50.64 ROBERT HAUCK	28	51.09 MIKE SHAFFER	28	48.29 VANCE HOWARD	33
100 YD. FREE M E N 25-29		51.37 MICHAEL KANNER	25	51.30 ERIC WILHELM	25	48.30 JOSEPH THIER	30
44.39 ROBERT PEEL	91	52.87 JEFFREY ROODIN	25	51.61 JOHN GAROFOLO	25	48.30 IGOR VAZHENIN	30
44.92 TROY DALBEY	25	53.60 CHRIS STEVENSON	29	52.18 DAN MENDENHALL	27	200 YD. FREE M E N 30-34	
45.89 ROBERT PEEL	28	53.86 BRENTEN SAWYER	25	52.42 CHRIS STEVENSON	29	1:39.97 JIM MONTGOMERY	88
46.50 WINSTON RITCHEY	26	54.01 RICHARD SWOBODA	28	200 YD. FLY M E N 25-29		1:41.38 PETER EGAN	30
46.65 JEFF UTSCH	26	54.08 TIMOTHY VELASCO	27	1:49.21 BOBBY PATTEN	90	1:41.89 FRANZ MORTENSEN	30
46.66 STEVEN REED	25	54.32 DAVID KASTIGAR	29	1:49.39 JAN BIDRMAN	28	1:44.01 BOBBY PATTEN	31

TOP TEN

SHORT COURSE YARDS

1:44.68	IGOR VAZHENIN	30	2:02.52	PAUL FRENTSOS	32	50.98	DAVID LUNDBERG	91	4:52.13	HOWARD JAY	38
1:45.17	JAMES LILLEY	34	2:02.65	DAVID COTE	33	51.62	DAVID LUNDBERG	33	4:54.26	JAMES MONTGOMERY	39
1:45.43	JEFFRY PEARSON	34	2:03.21	MIKE KECK	34	53.31	FRANZ MORTENSEN	30	4:54.34	JAMES KEGLEY	36
1:45.96	MIKE KECK	34	50 YD. BRST M E N 30-34			53.58	BRAD HERING	32	4:54.57	L.MEISENHEIMER	36
1:46.10	MICHAEL MOORE	30	25.88	DAVID LUNDBERG	91	53.69	JAMES LILLEY	34	4:56.21	ROB COPELAND	37
1:46.60	GREG REMMERT	31	26.33	DAVID LUNDBERG	33	53.71	TOM VERDIN	32	4:56.41	GOM KATSOULEAS	36
1:46.86	JOSEPH THIER	30	27.01	MIKAEL ORN	32	53.88	JAY YARID	31	4:58.67	WILLIAM SPECHT	35
500 YD. FREE M E N 30-34			27.02	DEWEY WYATT	30	54.46	MIKAEL ORN	32	4:59.08	GARY QUINN	36
4:39.38	STEVEN FISHER	92	27.29	ROBERT KILLEEN	32	54.56	BOBBY PATTON	31	1000 YD. FREE M E N 35-39		
4:42.83	STEVEN FISHER	31	27.29	RUSTY KRETZ	32	55.13	GARY ANTONICK	31	10:03.57	DAVID SHEPHERD	94
4:42.98	GERRY RODRIGUES	31	27.44	DEAN PUTTERMAN	31	55.23	GERALD FERRIS	33	10:03.57	DAVID SHEPHERD	38
4:45.07	BOBBY PATTON	31	27.47	HOLDEN BANK	34	200 YD. I.M. M E N 30-34			10:03.69	ROBERT PLACAK	35
4:48.00	JIM DUGAN	30	27.52	BRAD HERING	32	1:50.45	DAVID LUNDBERG	91	10:12.53	JAMES MONTGOMERY	39
4:50.53	MICHAEL MOORE	30	27.83	MICHAEL GIROD	31	1:56.17	PETER EGAN	30	10:21.32	GARY QUINN	36
4:50.82	ROBERT HUDEK	31	27.91	MARK STOHRER	32	1:56.63	PATRICK DUGGAN	30	10:22.86	ROB COPELAND	37
4:51.24	WILLIAM PALMER	33	100 YD. BRST M E N 30-34			1:56.66	TOM VERDIN	32	10:28.38	JACK BURTON	37
4:52.28	GREG REMMERT	31	56.58	DAVID LUNDBERG	91	1:57.22	JAY YARID	31	10:28.95	STEVEN STRONG	39
4:52.45	MIKE KECK	34	59.51	MIKAEL ORN	32	1:58.97	GERALD FERRIS	33	10:30.85	JOHN LOBDELL	39
4:52.80	SEAN MURPHY	30	59.55	DEWEY WYATT	30	1:59.51	GARY ANTONICK	31	10:35.49	JAMES STITES	36
1000 YD. FREE M E N 30-34			59.68	DAVID GUTHRIE	33	1:59.56	MIKE KECK	34	10:40.99	JIM STEWART	37
9:38.13	CAMERON REID	91	59.92	RUSTY KRETZ	32	1:59.62	PAUL FRENTSOS	32	1650 YD. FREE M E N 35-39		
9:44.06	STEVEN FISHER	31	1:00.21	DEAN PUTTERMAN	31	2:01.85	THOMAS REDIG	32	16:21.14	HESS YNTEMA	91
9:52.72	GERRY RODRIGUES	31	1:00.51	PETER MCCAFFERTY	31	2:02.01	ALAN VOISARD	34	16:41.25	JAMES KEGLEY	36
9:54.01	BOBBY PATTON	31	1:00.98	MARK STOHRER	32	400 YD. I.M. M E N 30-34			16:47.52	STIK HENIKA	35
9:59.77	JIM DUGAN	30	1:02.08	MICHAEL CASCIATO	34	4:00.04	TOM FRISTOE	91	16:51.35	HOWARD JAY	38
10:01.18	MIKE KECK	34	1:02.57	ROBERT PECK	32	4:10.69	PATRICK DUGGAN	30	17:13.65	DAVID SHEPHERD	38
10:06.89	MICHAEL MOORE	30	1:02.71	MICHAEL GIROD	30	4:17.97	GARY ANTONICK	31	17:16.37	ROB COPELAND	37
10:26.32	LYLE NALLI	34	200 YD. BRST M E N 30-34			4:20.22	AL JAEGER	31	17:17.38	SCOTT SHAKE	36
10:26.62	DOUG ASBURY	34	2:02.32	DAVID LUNDBERG	91	4:21.18	TOM VERDIN	32	17:38.05	MARK HAHN	37
10:29.05	PAUL DONOHUE	33	2:10.72	PATRICK DUGGAN	30	4:22.15	JIM DUGAN	30	17:42.81	GREGORY JOHNSON	37
10:29.73	THOMAS CAIN	31	2:13.21	DEWEY WYATT	30	4:24.13	PAUL FRENTSOS	32	17:43.29	MATT CLARK	37
1650 YD. FREE M E N 30-34			2:14.29	RUSTY KRETZ	32	4:25.35	STEVEN FISHER	31	17:54.54	PAUL WISE	38
16:06.55	JAMES KEGLEY	88	2:14.45	MARK STOHRER	32	4:26.98	PAUL DONOHUE	33	50 YD. BACK M E N 35-39		
16:39.26	STEVEN FISHER	31	2:14.77	PETER MCCAFFERTY	31	4:27.06	HECTOR CHAO	30	24.16	WILLIAM SPECHT	93
16:55.45	BOBBY PATTEN	31	2:15.05	DAVID GUTHRIE	33	4:27.12	THOMAS CAIN	31	24.76	WILLIAM SPECHT	36
16:56.54	ROBERT HUDEK	31	2:16.34	MICHAEL CASCIATO	34	*****			25.17	PETER DARDARIS	35
17:31.33	JOHN LOWE	33	2:18.03	JAMES MATYSEK	34	50 YD. FREE M E N 35-39			25.29	STU MARVIN	38
17:42.52	GERRY RODRIGUES	31	2:19.15	BOBBY PATTON	31	20.73	KEVIN DEFORREST	94	25.42	GLENN PATCHING	36
17:47.99	DOUG ASBURY	34	2:19.21	CHARLES HUGO	32	20.73	KEVIN DEFORREST	36	25.51	JEFF HOLBROOK	35
18:02.29	MARK BRIERTON	34	50 YD. FLY M E N 30-34			20.76	BRUCE STAHL	35	25.68	BOB BURESH	35
18:03.00	GEOFF CLEVELAND	33	22.66	ROBERT PLACAK	89	21.34	CHARLES NORELLI	38	26.05	ROBERT PLACAK	35
18:17.27	JEFFREY CROSSON	32	22.69	PETER EGAN	30	21.60	STU MARVIN	38	26.13	CURT LACOUT	35
18:21.08	BILL BOND	32	22.76	DAVID LUNDBERG	33	21.63	KIRK KOZLOWSKI	36	26.49	SCOTT SHAKE	36
50 YD. BACK M E N 30-34			23.07	BOBBY PATTEN	31	21.72	RICHARD HESS	39	26.57	JIM BALLARD	36
23.39	CLAY BRITT	92	23.14	BRAD HERING	32	21.98	JACK GROSELLE	39	100 YD. BACK M E N 35-39		
23.84	JAY YARID	31	23.33	THOMAS REDIG	32	22.17	PETER NUNAN	36	51.96	WILLIAM SPECHT	93
23.88	CLAY BRITT	33	23.39	CLAY BRITT	33	22.17	BRIAN LINDEROTH	38	52.59	WILLIAM SPECHT	36
24.49	DAVID LUNDBERG	33	23.54	ROBERT KILLEEN	31	22.23	BOB CROWDER	38	53.33	PETER DARDARIS	35
24.97	BRAD HERING	32	23.71	JOSEPH THIER	30	100 YD. FREE M E N 35-39			54.35	GLENN PATCHING	36
25.47	KENNETH COOPER	32	23.75	MICHAEL MAKARCZYK	34	46.43	STU MARVIN	91	54.80	JEFF HOLBROOK	35
25.75	ALLEN HIGHNOTE	30	23.93	CHRIS WATERS	31	46.46	KEVIN DEFORREST	36	54.84	KEN BRENTON	35
25.79	MICHAEL MAKARCZYK	34	100 YD. FLY M E N 30-34			47.16	BRUCE STAHL	35	55.12	BOB BURESH	35
25.86	HECTOR CHAO	30	49.16	PETER EGAN	94	47.40	ROBERT PLACAK	35	55.60	SCOTT SHAKE	36
25.91	GERALD FERRIS	33	49.16	PETER EGAN	30	47.54	STU MARVIN	38	56.07	ROBERT PLACAK	35
26.00	ANDE RASMUSSEN	30	50.08	BOBBY PATTEN	31	47.85	JACK GROSELLE	39	56.07	DUNCAN PYLE	37
100 YD. BACK M E N 30-34			52.05	CLAY BRITT	33	48.04	JAMES MONTGOMERY	39	56.31	BOB CROWDER	38
50.21	CLAY BRITT	92	52.11	CHRIS WATERS	31	48.10	CHARLES NORELLI	38	200 YD. BACK M E N 35-39		
50.86	CLAY BRITT	33	52.15	THOMAS REDIG	32	48.17	KIRK KOZLOWSKI	36	1:53.46	WILLIAM SPECHT	93
51.10	JAY YARID	31	52.16	JOSEPH THIER	30	48.73	BRIAN LINDEROTH	38	1:59.04	WILLIAM SPECHT	35
53.98	AL JAEGER	31	52.45	ROBERT KILLEEN	31	49.05	PETER NUNAN	36	1:59.39	SCOTT SHAKE	36
54.43	KENNETH COOPER	32	52.58	TOM VERDIN	32	200 YD. FREE M E N 35-39			1:59.66	PETER DARDARIS	35
54.57	JOE REINHARDT	32	52.86	PAUL FRENTSOS	32	1:42.78	JAMES MONTGOMERY	90	2:00.13	JEFF HOLBROOK	35
54.82	GERALD FERRIS	33	53.01	JAMES LILLEY	34	1:45.85	ROBERT PLACAK	35	2:00.86	KEN BRENTON	35
55.00	WILL DOUGLAS	34	200 YD. FLY M E N 30-34			1:46.11	STU MARVIN	38	2:02.45	ROBERT PLACAK	35
55.29	C.M. OLDEN	31	1:49.52	PETER EGAN	94	1:46.98	DAVID SHEPHERD	38	2:03.93	BOB BURESH	35
55.54	PAUL DONOHUE	33	1:49.52	PETER EGAN	30	1:47.15	BRUCE STAHL	35	2:05.38	DUNCAN PYLE	37
55.60	HECTOR CHAO	30	1:50.77	BOBBY PATTEN	31	1:47.25	TOM KATSOULEAS	36	2:06.01	JOHN MASEK	35
200 YD. BACK M E N 30-34			1:56.70	CHRIS WATERS	31	1:47.83	JAMES MONTGOMERY	39	2:06.11	DAVID BARNES	38
1:50.57	JAY YARID	93	1:58.14	IGOR VAZHENIN	30	1:48.88	ROBERT CROWDER	38	50 YD. BRST M E N 35-39		
1:50.99	JAY YARID	31	1:58.53	GARY ANTONICK	31	1:49.06	L.MEISENHEIMER	36	26.61	BENN DOYLE	94
1:59.93	PATRICK DUGGAN	30	1:59.95	STEVEN FISHER	31	1:49.25	MATT CLARK	37	26.61	BENN DOYLE	35
2:00.09	WILL DOUGLAS	34	2:01.42	JASON CRIST	32	1:49.29	BRIAN LINDEROTH	38	27.16	BRUCE HOWELL	37
2:00.17	HECTOR CHAO	30	2:02.05	GERRY RODRIGUES	31	500 YD. FREE M E N 35-39			27.58	DAVID GRAY	35
2:01.39	AL JAEGER	31	2:02.21	PAUL FRENTSOS	32	4:41.53	HESS YNTEMA	91	27.66	JACK GROSELLE	39
2:01.51	TIM MCMANUS	31	2:02.36	TONY LAZZARETTI	31	4:48.15	DAVID SHEPHERD	38	27.92	STEVE BOONE	35
2:02.30	ALAN VOISARD	34	100 YD. I.M. M E N 30-34			4:51.90	ROBERT PLACAK	35	27.92	KEVIN DEFORREST	36

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SHORT COURSE YARDS

28.09 GREGORY OXLEY 35	56.66 JACK GROSELLE 39	9:47.73 HESS YNTEMA 40	1:04.31 DAVID WESLEY 41
28.12 ROBERT PLACAK 35	200 YD. I.M. M E N 35-39	10:08.02 JIM MCCONICA 43	1:04.89 RONALD MARCIKIC 44
28.19 MARK SCHUMAN 38	1:57.44 MIKE DREWS 91	10:13.30 TODD BRYON 43	1:04.93 GREGORY HARRISON 42
28.35 RON SCHAFFER 36	1:59.65 TOM KATSOULEAS 36	10:24.60 TIM BRODERICK 43	1:04.94 TIMOTHY SHEAD 41
100 YD. BRST M E N 35-39	2:00.03 JEFF HOLBROOK 35	10:29.97 CLAY EVANS 40	1:05.33 SCOTT SCHLIEMAN 42
59.07 MARK SCHUMAN 91	2:00.37 JAMES BELARDI 37	10:34.58 LARRY WOOD 40	1:05.36 JIM CAPERS 42
1:00.38 BENN DOYLE 35	2:00.79 ROBERT PLACAK 35	10:41.49 MIKE SHERRILL 44	200 YD. BRST M E N 40-44
1:00.64 STEVE BOONE 35	2:02.57 DAVID SANTOS 35	10:54.10 CRAIG SAINT-AMOUR 41	2:12.85 RICK COLELLA 92
1:00.77 DAVID GRAY 35	2:02.85 RICHARD FORRESTEL 36	10:54.42 WILLIAM REEVES 41	2:15.88 C.MILTENBERGER 42
1:01.12 RON SCHAFFER 36	2:04.00 PATRICK STANTON 36	10:57.54 BILL PENN 42	2:18.06 GREGORY HARRISON 42
1:01.54 BRUCE HOWELL 37	2:04.22 RICHARD HESS 39	1650 YD. FREE M E N 40-44	2:18.42 LEE MACDONALD 42
1:01.80 MARK SCHUMAN 38	2:04.26 MICHAEL DREWS 39	16:18.14 HESS YNTEMA 94	2:19.50 CLAY EVANS 40
1:01.91 GREGORY OXLEY 35	2:04.44 MATT CLARK 37	16:18.09 HESS YNTEMA 40NW	2:20.83 DAVID WESLEY 41
1:02.20 PHILIPPE CALAIS 35	400 YD. I.M. M E N 35-39	16:54.54 JIM MCCONICA 43	2:22.69 RICHARD BOHAN 43
1:02.27 JACK GROSELLE 39	4:15.20 HESS YNTEMA 91	17:43.81 ROBERT STRAUSS 41	2:22.73 TIM BRODERICK 43
1:02.44 TIMM ANDERSON 35	4:19.85 ROBERT PLACAK 35	17:57.40 MICHAEL NELSON 40	2:25.87 MIKE WHITAKER 42
200 YD. BRST M E N 35-39	4:23.56 TOM KATSOULEAS 36	18:11.15 LARRY WOOD 40	2:26.26 DON GILCHRIST 40
2:10.41 MARK SCHUMAN 91	4:23.62 DAVID SHEPHERD 38	18:16.07 PAUL WINDRATH 40	2:26.47 SCOTT SCHLIEMAN 42
2:12.63 BENN DOYLE 35	4:23.84 DAVID SANTOS 35	18:19.15 HUNTER VOST 42	50 YD. FLY M E N 40-44
2:12.63 RON SCHAFFER 36	4:26.69 RICHARD FORRESTEL 36	18:21.37 BILL PENN 42	23.63 DAN THOMPSON 91
2:14.09 JOHN ROEMER 38	4:27.85 DAVID BARNES 38	18:22.24 DAVID TANNER 44	23.69 CLAY EVANS 40
2:16.76 PHILIPPE CALAIS 35	4:31.62 GARY QUINN 36	18:30.13 M.CAFFERY 40	24.01 DAVID HAGUE 40
2:17.17 TOM REUDY 39	4:31.67 JAMES KEGLEY 36	50 YD. BACK M E N 40-44	24.13 BRUCE MALLETTE 41
2:18.84 MORI PAULSEN 36	4:32.15 MARK TOMMERDAHL 35	25.61 JERRY HEIDENREICH 91	24.19 CRAIG BURNS 41
2:18.93 THOMAS DUGAN 35	4:34.22 SCOTT SHAKE 35	26.06 PAUL WINDRATH 40	24.25 FRED HUBBELL 41
2:19.68 STEVE BOONE 35	*****	26.17 GARY HALL 42	24.35 JIM KRISS 44
2:19.74 GREGORY OXLEY 35	50 YD. FREE M E N 40-44	26.38 BRUCE MALLETTE 41	24.48 MARK RUBKE 41
2:19.86 PATRICK STANTON 36	21.72 WHATLEY/SHULMAN 93	26.65 STEVE STOCKSDALE 40	24.67 BILL VICKERY 40
50 YD. FLY M E N 35-39	22.24 FRED HUBBELL 41	26.75 CLAY EVANS 40	24.73 K.M. MCCORMACK 41
22.93 SPECHT/DEFORREST 94	22.27 BILL VICKERY 40	26.88 HOWARD HART 41	24.92 MICHAEL HEATHER 40
22.93 KEVIN DEFORREST 36	22.31 C.MILTENBERGER 42	26.95 JERRY HEIDENREICH 44	100 YD. FLY M E N 40-44
23.04 JIM HALLIBURTON 35	22.34 DAVID HAGUE 40	27.09 CHUCK WOLFF 42	52.84 HESS YNTEMA 94
23.07 ROBERT PLACAK 35	22.43 FREDERICK HUBBELL 41	27.18 GARY HAFER 42	52.84 HESS YNTEMA 40
23.34 WILLIAM SPECHT 36	22.46 LARRY SHULMAN 44	27.23 RIC COOLEY 44	53.62 BRUCE MALLETTE 41
23.55 RICHARD HESS 39	22.48 CRAIG BURNS 41	100 YD. BACK M E N 40-44	53.67 CLAY EVANS 40
24.32 MARK SCHUMAN 38	22.49 MARK RUBKE 41	54.15 PETER O'KEEFE 91	54.08 MICHAEL HEATHER 40
24.42 JACK GROSELLE 39	22.64 ROBERT ABERSON 41	55.75 CLAY EVANS 40	54.21 CRAIG BURNS 41
24.42 BRUCE HOWELL 37	22.66 GARY HALL 42	56.10 PETER O'KEEFFE 43	55.28 PETER O'KEEFFE 43
24.53 BOB BURESH 35	100 YD. FREE M E N 40-44	56.83 PAUL WINDRATH 40	55.45 DON GILCHRIST 40
24.58 CURT LACOUNT 35	48.52 JAMES GRIFFITH 93	57.18 BRUCE MALLETTE 41	55.50 FRED HUBBELL 41
24.58 YIT LIM 35	48.86 C.MILTENBERGER 42	57.55 STEVE STOCKSDALE 40	55.63 STEVE BOSTER 43
100 YD. FLY M E N 35-39	49.29 TIM BRODERICK 43	57.96 CHUCK WOLFF 42	55.79 DAVID HAGUE 40
50.16 WILLIAM SPECHT 94	49.31 ROBERT ABERSON 41	58.18 BYRON REIDENBAUGH 42	200 YD. FLY M E N 40-44
50.16 WILLIAM SPECHT 36	49.36 MARK RUBKE 41	58.46 CLIFFORD JOHNSON 41	1:55.26 HESS YNTEMA 94
51.60 ROBERT PLACAK 35	49.50 GARY HALL 42	58.62 PAUL FETTERS 40	1:55.26 HESS YNTEMA 40
51.96 JAMES BELARDI 37	49.67 PETER O'KEEFFE 43	58.92 RIC COOLEY 44	2:02.35 MICHAEL HEATHER 40
52.14 RICHARD HESS 39	49.82 CRAIG BURNS 41	200 YD. BACK M E N 40-44	2:03.99 CLAY EVANS 40
53.73 KERRY O'BRIEN 37	49.88 BILL VICKERY 40	2:00.03 CLAY EVANS 94	2:04.38 MICHAEL NELSON 40
53.90 MARK SCHUMAN 38	49.91 DAVID HAGUE 40	2:00.03 CLAY EVANS 40	2:04.49 EDWARD BROWN 41
54.25 DAVID SANTOS 35	50.26 LEE MENCH 41	2:00.35 HESS YNTEMA 40	2:06.17 DON GILCHRIST 40
54.51 RICHARD FORRESTEL 36	200 YD. FREE M E N 40-44	2:01.42 PETER O'KEEFFE 43	2:09.86 WILLIAM REEVES 41
55.05 JACK BURTON 37	1:46.00 HESS YNTEMA 94	2:02.18 PAUL WINDRATH 40	2:09.89 DAVID TANNER 44
55.07 HOWARD JAY 38	1:46.00 HESS YNTEMA 40	2:03.27 PAUL FETTERS 40	2:10.65 STEVE BOSTER 43
200 YD. FLY M E N 35-39	1:48.24 JIM MCCONICA 43	2:05.13 BRUCE MALLETTE 41	2:11.11 JOHN MCCALL 42
1:51.95 WILLIAM SPECHT 94	1:49.27 TIM BRODERICK 43	2:07.63 CHUCK WOLFF 42	100 YD. I.M. M E N 40-44
1:51.95 WILLIAM SPECHT 36	1:49.53 CLAY EVANS 40	2:07.79 KURT MOEHLMANN 42	54.88 CLAY EVANS 94
1:53.93 JAMES BELARDI 37	1:50.20 DON GILCHRIST 40	2:08.14 SCOTT MCMILLEN 40	54.88 CLAY EVANS 40
1:56.87 JOHN JAY 37	1:50.52 LARRY WOOD 40	2:08.59 FRED FERROGGIARO 40	56.11 HESS YNTEMA 40
1:59.75 DAVID SHEPHERD 38	1:51.60 PAUL WINDRATH 40	50 YD. BRST M E N 40-44	56.30 BRUCE MALLETTE 41
2:00.99 HOWARD JAY 38	1:52.02 ROBERT STRAUSS 41	27.45 C MILTENBERGER 92	56.69 JACK WILSON 41
2:01.10 KERRY O'BRIEN 37	1:52.19 MIKE SHERRILL 44	27.62 C.MILTENBERGER 42	57.23 BYRON REIDENBAUGH 42
2:02.78 JACK BURTON 37	1:52.29 PETER O'KEEFFE 43	27.65 DAN FISHER 41	57.41 MARK RUBKE 41
2:03.04 PAUL WISE 38	500 YD. FREE M E N 40-44	28.52 BILL VICKERY 40	57.65 FRED HUBBELL 41
2:03.30 RICHARD FORRESTEL 36	4:46.59 JIM MCCONICA 94	29.18 RONALD MARCIKIC 44	57.67 CHUCK WOLFF 42
2:04.33 DAVID SANTOS 35	4:46.59 JIM MCCONICA 43	29.32 RICHARD BOHAN 43	57.70 BILL VICKERY 40
100 YD. I.M. M E N 35-39	4:51.55 TIM BRODERICK 43	29.35 DAVID WESLEY 41	57.93 LEE MACDONALD 42
52.79 ROBERT PLACAK 94	4:56.65 CLAY EVANS 40	29.40 CHUCK FISCHER 42	200 YD. I.M. M E N 40-44
52.79 ROBERT PLACAK 35	4:58.31 TODD BRYON 43	29.45 SCOTT SCHLIEMAN 42	2:00.49 CLAY EVANS 94
53.75 JEFF HOLBROOK 35	5:00.71 HESS YNTEMA 40	29.46 DAVID SAMUELSON 41	2:00.49 CLAY EVANS 40
53.85 KEVIN DEFORREST 36	5:01.50 LARRY WOOD 40	29.55 CLAY EVANS 40	2:00.65 HESS YNTEMA 40
54.98 RICHARD HESS 39	5:01.97 BYRON REIDENBAUGH 42	100 YD. BRST M E N 40-44	2:03.05 BYRON REIDENBAUGH 42
55.83 MARK SCHUMAN 38	5:02.92 MICHAEL NELSON 40	59.40 C MILTENBERGER 93	2:03.53 BRUCE MALLETTE 41
56.46 CURT LACOUNT 35	5:03.85 EDWARD BROWN 41	1:00.90 C.MILTENBERGER 42	2:04.12 DON GILCHRIST 40
56.47 BENN DOYLE 35	5:06.06 ROBERT STRAUSS 41	1:03.54 LEE MACDONALD 42	2:06.21 PAUL WINDRATH 40
56.64 GREGORY OXLEY 35	1000 YD. FREE M E N 40-44	1:03.79 RICHARD BOHAN 43	2:06.85 PAUL FETTERS 40
56.64 DAVID SANTOS 35	9:47.73 HESS YNTEMA 94	1:03.95 CLAY EVANS 40	2:06.99 LEE MACDONALD 42

TOP TEN SHORT COURSE YARDS

2:07.74 CHUCK WOLFF	42	17:56.35 DAVID GRAY	94	2:27.17 DAVID FRISCH	45	4:56.08 DAVE GEMMILL	46
2:08.66 LARRY WOOD	40	17:56.35 DAVID GRAY	48	2:27.87 BILL GRIFFITH	47	4:56.38 VIRGIL DANIELS	46
400 YD. I.M. M E N 40-44		18:13.79 JOEL WILSON	45	2:28.50 DAVE GEMMILL	46	4:57.63 JOHN NOLAN	45
4:20.57 CLAY EVANS	94	18:18.93 KEITH BELL	45	2:28.55 WAYNE MCCAULEY	45	*****	
4:20.57 CLAY EVANS	40	18:23.37 LEO FRENCH	46	2:28.80 JOHN SULTAN	46	50 YD. FREE M E N 50-54	
4:24.19 HESS YNTEMA	40	18:24.24 STEVE JOHNSON	46	2:30.39 GARY PARLAPIANO	47	22.84 ROBERT SMITH	93
4:25.63 BRUCE MALLETTE	41	18:29.46 BOB ASQUITH	47	2:30.42 PAUL JEFFERS	48	23.16 ROBERT SMITH	50
4:30.59 PAUL WINDRATH	40	18:31.22 BILL DARBY	46	50 YD. FLY M E N 45-49		23.46 DOUG BUCHAN	50
4:30.73 PAUL FETTERS	40	18:35.99 R. TOD SPIEKER	45	24.05 DAN THOMPSON	94	23.87 JACK GEOGHEGAN	52
4:31.05 DON GILCHRIST	40	18:37.35 JOHN FLANAGAN	48	24.05 DAN THOMPSON	47	24.10 BRUCE CLARK	51
4:32.22 TIM BRODERICK	43	18:44.43 FRED SCHLICHER	45	24.88 RICHARD ABRAHAMS	49	24.23 JIM WHITE	51
4:35.54 LEE MACDONALD	42	50 YD. BACK M E N 45-49		25.01 ROGER LYON	45	24.24 RICHARD WOODROW	50
4:35.87 LARRY WOOD	40	25.65 ROBERT SMITH	88	25.13 ANDREW MC PHERSON	46	24.42 JAMES ELDER	50
4:38.48 SCOTT MCMILLEN	40	26.48 DANIEL THOMPSON	47	25.16 THOMAS PEEK	46	24.53 ROBERT WILLIAMS	51

50 YD. FREE M E N 45-49		26.97 BILL BARTHOLD	45	25.25 LARRY WRIGHT	45	24.64 KARL VONTAGEN	50
21.87 RICHARD ABRAHAMS	90	26.98 HUGH WILDER	46	25.48 DICK THOMAS	46	24.76 TONY CHERRINGTON	51
22.12 THOMAS PEEK	46	26.98 ANDREW MC PHERSON	46	25.59 BILL PASSEY	45	100 YD. FREE M E N 50-54	
22.12 RICHARD ABRAHAMS	49	27.07 DICK THOMAS	46	25.60 ARTHUR DEFFAA	45	50.98 TIMOTHY GARTON	94
22.25 ANDREW MCPHERSON	47	27.16 JOHN PHILLIPS	47	25.70 RICHARD ARLUCK	48	50.98 TIMOTHY GARTON	51
22.71 DANIEL THOMPSON	47	27.27 TIM BIRNIE	48	100 YD. FLY M E N 45-49		51.81 RICHARD WOODROW	50
22.87 ROGER LYON	45	28.03 BOB KOLONKOWSKI	46	54.27 MARTIN HULL	89	52.93 JACK GEOGHEGAN	52
23.13 BILL BARTHOLD	45	28.37 JAMES NASH	48	54.31 ANDREW MCPHERSON	47	53.45 DAVE FRANK	50
23.19 BILL PASSEY	45	28.57 JAMES BEGLINGER	47	56.01 ROGER LYON	45	53.53 DOUG BUCHAN	50
23.40 RICHARD ARLUCK	48	100 YD. BACK M E N 45-49		56.03 BOO GRANER GALLAS	46	53.96 ROBERT SMITH	50
23.43 BRYAN BATEMAN	46	56.14 ROBERT SMITH	88	56.06 RICHARD ABRAHAMS	49	54.66 ROBERT WILLIAMS	51
23.45 DON HAVENS	46	57.91 BILL BARTHOLD	45	56.57 ARTHUR DEFFAA	45	54.69 EDWARD CAZALET	51
100 YD. FREE M E N 45-49		58.56 HUGH WILDER	46	56.86 DICK THOMAS	46	54.94 JACK LANCE	51
48.13 ANDREW MCPHERSON	92	58.59 TIM BIRNIE	48	57.16 FRED SCHLICHER	45	55.01 JIM WHITE	51
49.14 ANDREW MCPHERSON	47	58.84 ROGER LYON	45	58.00 THOMAS PEEK	46	200 YD. FREE M E N 50-54	
50.01 THOMAS PEEK	46	59.12 DICK THOMAS	46	58.04 JOHN FLANAGAN	48	1:53.25 TIMOTHY GARTON	94
50.21 ROGER LYON	45	59.59 JOHN PHILLIPS	47	58.26 LARRY WRIGHT	45	1:53.25 TIMOTHY GARTON	51
50.25 BILL BARTHOLD	45	59.76 TOD SPIEKER	45	200 YD. FLY M E N 45-49		1:59.16 JACK GEOGHEGAN	52
50.67 RICHARD ABRAHAMS	49	1:00.94 BILL PASSEY	45	2:03.96 B GRANER-GALLAS	93	1:59.59 EDWARD CAZALET	51
51.07 BRYAN BATEMAN	46	1:02.05 JAMES NASH	48	2:05.74 BOO GRANER GALLAS	46	2:00.50 RICHARD WOODROW	50
52.08 DAVID GRAY	48	1:02.85 JAMES KING	47	2:06.09 FRED SCHLICHER	45	2:01.27 DOUG BUCHAN	50
52.16 DON HAVENS	46	200 YD. BACK M E N 45-49		2:06.16 JOEL WILSON	45	2:06.01 ALLAN CARTWRIGHT	52
52.22 LYNN OLSON	46	2:05.50 JOHN CALVERT	92	2:09.40 JOHN FLANAGAN	48	2:06.23 TIMOTHY GRIFFIN	50
52.27 BILL PASSEY	45	2:07.65 TOD SPIEKER	45	2:12.20 ARTHUR DEFFAA	45	2:06.78 ROBERT WILLIAMS	51
200 YD. FREE M E N 45-49		2:08.89 BILL BARTHOLD	45	2:12.98 KEITH BELL	45	2:06.96 JIM WHITE	51
1:49.27 ANDREW MCPHERSON	92	2:10.11 TIM BIRNIE	48	2:14.05 BOB KOLONKOWSKI	46	2:07.09 KARL VONTAGEN	50
1:51.81 DAVID GRAY	48	2:10.82 HUGH WILDER	46	2:15.86 GEORGE WENDT	46	500 YD. FREE M E N 50-54	
1:54.19 THOMAS PEEK	46	2:13.60 JOHN PHILLIPS	47	2:18.81 MAL JESTER	45	5:13.80 EDWARD HINSHAW	90
1:54.65 PAUL MCCORMICK	47	2:15.84 JAMES NASH	48	2:18.94 JOHN SULTAN	46	5:22.84 SANDY GALLETTY	51
1:54.90 ANDREW MC PHERSON	47	2:15.97 BOB KOLONKOWSKI	46	100 YD. I.M. M E N 45-49		5:28.69 EDWARD CAZALET	51
1:55.67 JOEL WILSON	45	2:17.68 JAMES KING	47	56.23 ROBERT SMITH	88	5:33.31 JACK GEOGHEGAN	51
1:55.81 RICHARD ARLUCK	48	2:19.18 FRANK WARNER	45	57.69 ANDREW MC PHERSON	47	5:34.45 ROBERT WILLIAMS	51
1:56.01 FRED SCHLICHER	45	2:19.99 PAUL HEBERT	48	57.73 DANIEL THOMPSON	47	5:35.25 TEX HARASZTI	52
1:56.24 LEO FRENCH	46	50 YD. BRST M E N 45-49		57.94 ROBERT STRAND	48	5:37.95 RICHARD BOYD	50
1:56.34 HARRY GREENFIELD	48	28.12 PAUL HENNE	94	59.10 RICHARD ABRAHAMS	49	5:41.65 ALLAN CARTWRIGHT	52
1:56.74 TIM BIRNIE	48	28.12 PAUL HENNE	47	59.23 THOMAS PEEK	46	5:44.11 TIMOTHY GRIFFIN	50
500 YD. FREE M E N 45-49		28.48 ROBERT STRAND	48	59.29 PAUL HENNE	47	5:54.00 STEVE THRASHER	52
5:02.99 DAVID GRAY	94	29.17 MICHAEL WITASZEK	46	59.93 LARRY WRIGHT	45	5:55.41 NEIL WATTS	51
5:02.99 DAVID GRAY	48	29.56 DANIEL THOMPSON	47	1:00.15 JOHN SULTAN	46	1000 YD. FREE M E N 50-54	
5:09.16 JOEL WILSON	45	29.62 WAYNE MCCAULEY	45	1:00.24 ARTHUR DEFFAA	45	11:00.03 EDWARD HINSHAW	87
5:11.17 ANDREW MC PHERSON	47	29.64 MAL JESTER	45	1:00.82 CHRIS OSTROM	48	11:18.04 RICHARD BOYD	50
5:12.10 PAUL MCCORMICK	47	30.00 BILL GRIFFITH	47	200 YD. I.M. M E N 45-49		11:18.57 EDWARD CAZALET	51
5:15.10 TOD SPIEKER	45	30.27 GARY PARLAPIANO	47	2:03.80 ANDREW MCPHERSON	94	11:36.19 JACK GEOGHEGAN	52
5:15.60 KEITH BELL	45	30.29 ANDREW MC PHERSON	46	2:03.80 ANDREW MCPHERSON	47	11:48.01 TIMOTHY GRIFFIN	50
5:15.72 LEO FRENCH	46	30.37 ALLEN STARK	45	2:09.77 ROBERT STRAND	48	12:08.40 DICK STEWART	54
5:16.75 STEVE JOHNSON	46	100 YD. BRST M E N 45-49		2:11.32 JOHN SULTAN	46	12:36.31 ROGER BOSVELD	54
5:17.17 EDWARD CROSSMORE	46	1:02.36 ROBERT STRAND	94	2:11.66 BOO GRANER GALLAS	46	12:40.35 PATRICK SCHLUP	53
5:17.20 BOO GRANER GALLAS	46	1:02.36 ROBERT STRAND	48	2:12.37 WILLIAM DORNEY	46	12:41.90 GUY LEWIS	50
1000 YD. FREE M E N 45-49		1:02.57 PAUL HENNE	47	2:13.48 MAL JESTER	45	12:45.61 JOSEPH TESMER	54
10:33.63 DAVID GRAY	94	1:04.38 MAL JESTER	45	2:13.97 LARRY WRIGHT	45	12:49.32 JOSEPH WALKER	52
10:33.63 DAVID GRAY	48	1:06.24 MICHAEL WITASZEK	46	2:14.07 GEORGE WENDT	46	1650 YD. FREE M E N 50-54	
10:46.99 TOD SPIEKER	45	1:06.80 DAVID DEMSKI	46	2:14.55 JOEL WILSON	45	18:28.45 SANDY GALLETTY	93
10:50.54 PAUL MCCORMICK	47	1:06.80 BILL GRIFFITH	47	2:14.63 DANNY STERN	45	18:36.67 RICHARD BOYD	50
10:50.89 EDWARD CROSSMORE	46	1:06.96 WAYNE MCCAULEY	45	400 YD. I.M. M E N 45-49		18:52.77 SANDY GALLETTY	51
10:59.16 JOHN FLANAGAN	48	1:06.98 GARY PARLAPIANO	47	4:31.40 TIMOTHY GARTON	88	19:37.77 TEGZE HARASZTI	52
11:02.11 KEITH BELL	45	1:07.46 ALLEN STARK	45	4:34.96 ANDREW MCPHERSON	47	19:41.31 JACK GEOGHEGAN	51
11:02.67 BILL BELL	45	1:07.96 PAUL MENYHARTH	47	4:36.14 JOEL WILSON	45	19:58.39 ROBERT WILLIAMS	51
11:11.67 BILL DARBY	46	200 YD. BRST M E N 45-49		4:44.81 BOO GRANER GALLAS	46	20:25.52 ALAN SOMERS	52
11:16.33 BILL BABCOCK	45	2:15.89 ROBERT STRAND	94	4:46.87 KEITH BELL	45	20:41.90 JOE WALKER	52
11:17.36 FRED SCHLICHER	45	2:15.89 ROBERT STRAND	48	4:49.70 JOHN SULTAN	46	20:43.24 STEVEN THRASHER	52
11:18.06 GAARD ARNESON	45	2:20.23 PAUL HENNE	47	4:51.19 TOD SPIEKER	45	21:01.49 WILL GOSNOLD	53
1650 YD. FREE M E N 45-49		2:25.16 MAL JESTER	45	4:55.00 BOB KOLONKOWSKI	46	21:05.39 GUY LEWIS	50

TOP TEN

SHORT COURSE YARDS

50 YD. BACK M E N 50-54	26.27 JIM WHITE	51	25.84 ROBERT PROEBSTING	56	32.15 F.WENDELKEN	55
26.24 ROBERT SMITH 93	26.51 RICHARD WOODROW	50	25.87 JERRY CLARK	56	100 YD. BACK M E N 55-59	
26.44 ROBERT SMITH 50	26.70 MICHAEL MEALIFFE	53	25.87 JAMES KRUEGER	55	1:02.56 YOSHI OYAKAWA	91
27.98 RICHARD BURNS 50	26.88 ROBERT BENNETT	50	25.96 JERRY MYERS	55	1:06.15 JACK BEATTIE	59
28.97 PHIL WHITTEN 50	26.94 ROBERT WILLIAMS	51	26.09 DAVID PAINTER	55	1:07.31 RICHARD HANLEY	58
29.08 EDWARD CAZALET 51	27.10 WILLAIM GONZALEZ	50	100 YD. FREE M E N 55-59		1:08.24 LAURANCE HILL	55
29.24 MICHAEL MC KINLAY 50	27.23 RICHARD BURNS	50	52.59 DONALD HILL	87	1:08.39 LEE BETTIS	56
29.67 TONY CHERRINGTON 51	27.35 JAMES ELDER	50	52.94 JEFF FARRELL	57	1:09.11 BARR CLAYSON	58
29.77 ALLEN NEULS 50	100 YD. FLY M E N 50-54		54.54 BOB BAILIE	58	1:10.12 BILL EARLEY	57
29.94 JACK GEOGHEGAN 52	56.54 RICHARD WOODROW	94	55.30 DAVID COSTILL	58	1:11.39 ROBERT NORRIS	55
30.37 BRUCE CLARK 51	56.54 RICHARD WOODROW	50	55.86 TOSHIHIRO HAYASHI	56	1:11.44 F.WENDELKEN	55
30.40 JON HEIMANN 52	1:00.79 JACK GEOGHEGAN	52	56.45 CHARLES RAVEN	55	1:12.06 LARRY GOOD	59
100 YD. BACK M E N 50-54	1:02.10 MIKE LAUX	52	56.46 DOUGLAS BROWN	55	1:12.46 JERRY GLANCY	56
59.49 ROBERT SMITH 93	1:02.54 BERT PETERSEN	54	56.63 ROBERT PROEBSTING	56	200 YD. BACK M E N 55-59	
59.97 ROBERT SMITH 50	1:02.84 ALLAN CARTWRIGHT	52	57.58 JERRY CLARK	56	2:20.56 DON BROWN	91
1:01.00 RICHARD BURNS 50	1:02.98 ROBERT BENNETT	50	58.02 JERRY MYERS	55	2:26.13 LAURANCE HILL	55
1:01.75 EDWARD CAZALET 51	1:02.98 DOUG BUCHAN	50	58.24 ANDY MORROW	55	2:26.13 RICHARD HANLEY	58
1:03.73 ALLEN NEULS 50	1:03.30 BILL BROWN	50	200 YD. FREE M E N 55-59		2:27.23 DAVID COSTILL	58
1:04.49 STEVE THRASHER 52	1:03.70 MICHAEL MEALIFFE	53	2:01.63 JEFF FARRELL	93	2:29.89 JACK BEATTIE	59
1:04.54 MICHAEL MC KINLAY 50	1:04.15 TEGZE HARASZTI	52	2:02.13 JEFF FARRELL	57	2:32.69 LEE BETTIS	56
1:06.43 JACK GEOGHEGAN 52	200 YD. FLY M E N 50-54		2:03.70 DAVID COSTILL	58	2:32.75 LEWIS COOK	56
1:07.08 TEGZE HARASZTI 52	2:13.71 JACK GEOGHEGAN	92	2:06.49 DAVID HARRISON	56	2:34.65 LARRY GOOD	59
1:07.22 JON HEIMANN 52	2:17.22 JACK GEOGHEGAN	52	2:06.58 ROBERT PROEBSTING	56	2:36.54 ROBERT NORRIS	55
1:07.95 MICHAEL MEALIFFE 53	2:20.87 ALLAN CARTWRIGHT	52	2:08.12 BILL STEUART	57	2:36.61 BARR CLAYSON	58
200 YD. BACK M E N 50-54	2:25.49 MIKE LAUX	52	2:09.39 DOUGLAS BROWN	55	2:38.44 JERRY GLANCY	56
2:12.97 EDWARD CAZALET 93	2:26.45 WILLAIM GONZALEZ	50	2:09.44 TOSHIHIRO HAYASHI	56	50 YD. BRST M E N 55-59	
2:14.28 EDWARD CAZALET 51	2:29.77 RICHARD WOODROW	50	2:11.20 CHARLES RAVEN	55	30.18 MANUEL SANGUILY	89
2:19.16 ALLEN NEULS 50	2:36.46 RICHARD BROOKS	50	2:12.87 ERNIE LESKOVITZ	56	32.06 DAVID DABOLL	57
2:19.65 STEVE THRASHER 52	2:38.06 LAWRENCE NORDELL	53	2:13.12 JERRY MYERS	55	32.24 DRURY GALLAGHER	55
2:20.25 TEGZE HARASZTI 52	2:42.13 MARK LYON	50	500 YD. FREE M E N 55-59		32.53 GEORGE DOWNS	55
2:21.30 MICHAEL MC KINLAY 50	2:43.72 JAMES SHAW	53	5:32.17 BURWELL JONES	88	32.87 JEFF FARRELL	57
2:25.76 JACK GEOGHEGAN 51	2:43.86 JOE WALKER	52	5:41.67 DRURY GALLAGHER	55	32.95 BOB PATTEN	59
2:26.36 ALLAN CARTWRIGHT 52	100 YD. I.M. M E N 50-54		5:45.18 DAVID HARRISON	56	33.33 MILTON GEE	57
2:27.51 JON HEIMANN 52	58.15 TIMOTHY GARTON	93	5:58.65 ERNIE LESKOVITZ	56	33.58 STEPHEN KURTIN	55
2:28.11 JIM PELISSIER 50	58.78 TIMOTHY GARTON	51	5:59.43 DOUGLAS BROWN	55	33.75 KURT SMRCINA	55
2:32.00 TONY CHERRINGTON 51	1:00.26 ROBERT SMITH	50	6:01.54 BILL STEUART	57	34.10 ROBERT JOHNSTON	57
50 YD. BRST M E N 50-54	1:00.87 DAVE FRANK	50	6:01.97 CHARLES RAVEN	55	34.32 BARR CLAYSON	58
29.70 MANUEL SANGUILY 84	1:02.53 JACK GEOGHEGAN	52	6:03.55 GEORGE MANN	56	100 YD. BRST M E N 55-59	
30.36 PETER OROSZLAN 50	1:03.08 EDWARD CAZALET	51	6:05.15 LAURANCE HILL	55	1:06.93 MANUEL SANGUILY	89
30.58 TOM BOAK 50	1:03.24 BRUCE CLARK	51	6:17.57 BUZ BRENTON	59	1:08.43 DRURY GALLAGHER	55
30.59 DAVE FRANK 50	1:04.00 BILL BROWN	50	6:18.67 RICHARD HANLEY	57	1:11.61 DAVID DABOLL	57
30.69 ROBERT SMITH 50	1:04.19 JIM PELISSIER	50	1000 YD. FREE M E N 55-59		1:12.09 GEORGE DOWNS	55
31.29 JACK MCCOY 53	1:04.25 JIM WHITE	51	11:26.99 BURWELL JONES	90	1:12.57 BOB PATTEN	59
31.48 DAN PER-LEE 50	1:04.38 JAMES ELDER	50	11:47.19 DRURY GALLAGHER	55	1:13.46 MILTON GEE	57
31.85 JACK LANCE 51	200 YD. I.M. M E N 50-54		11:52.34 DAVID HARRISON	56	1:13.94 DAVE COSTILL	58
31.98 MIKE LAUX 52	2:08.36 TIMOTHY GARTON	93	12:28.14 ERNIE LESKOVITZ	56	1:15.25 ROBERT JOHNSTON	57
32.15 LEE KELLER 50	2:16.39 TEGZE HARASZTI	52	12:31.04 DOUGLAS BROWN	55	1:15.41 JEFF FARRELL	57
32.21 RENDALL BANKS 51	2:16.56 RICHARD BOYD	50	12:32.33 BILL STEUART	57	1:15.61 JACK HALLIDAY	57
100 YD. BRST M E N 50-54	2:17.40 SANDY GALLETLY	51	12:38.87 LAURANCE HILL	55	1:16.32 DICK PETERSON	57
1:05.29 MANUEL SANGUILY 84	2:18.14 ALLEN NEULS	50	12:40.16 MEL GOLDSTEIN	55	200 YD. BRST M E N 55-59	
1:07.43 DAVE FRANK 50	2:19.35 JACK GEOGHEGAN	52	12:47.07 GEORGE BRUNSTAD	59	2:33.05 DRURY GALLAGHER	94
1:07.83 PETER OROSZLAN 50	2:19.39 DAVE FRANK	50	12:54.64 KENT PRICE	55	2:33.05 DRURY GALLAGHER	55
1:08.53 TOM BOAK 50	2:20.88 BILL BROWN	50	13:13.06 RICHARD HANLEY	58	2:40.68 DAVID COSTILL	58
1:08.88 WILLAIM GONZALEZ 50	2:21.04 ALLAN CARTWRIGHT	52	1650 YD. FREE M E N 55-59		2:40.92 BOB PATTEN	59
1:09.20 TEGZE HARASZTI 52	2:21.55 MIKE LAUX	52	19:02.45 BURWELL JONES	88	2:43.10 JACK HALLIDAY	57
1:10.07 JIM PELISSIER 50	2:21.64 ROBERT WILLIAMS	51	20:19.98 DAVID COSTILL	58	2:46.84 DAVE DABOLL	57
1:11.11 MIKE LAUX 52	400 YD. I.M. M E N 50-54		20:47.97 ERNIE LESKOVITZ	56	2:47.11 DICK PETERSON	57
1:11.13 PHILLIP WHITTEN 50	4:39.70 TIMOTHY GARTON	93	21:02.16 CHARLES RAVEN	55	2:47.53 GEORGE DOWNS	55
1:11.48 BILL BROWN 50	4:43.32 TIMOTHY GARTON	51	21:07.98 BILL STEUART	57	2:50.85 MILTON GEE	57
1:11.54 RICHARD BOYD 50	4:49.81 TEX HARASZTI	52	21:16.77 GEORGE BRUNSTAD	59	2:52.35 BARR CLAYSON	58
200 YD. BRST M E N 50-54	4:54.55 SANDY GALLETLY	51	21:30.57 KENT PRICE	55	2:54.47 PETER CRUMBINE	55
2:28.56 TEX HARASZTI 94	4:58.12 EDWARD CAZALET	51	21:35.05 GEORGE MANN	56	50 YD. FLY M E N 55-59	
2:28.56 TEX HARASZTI 52	5:05.59 ALLAN CARTWRIGHT	52	22:24.24 J.C.BRENTON	59	26.58 ROBERT PROEBSTING	93
2:30.21 RICHARD BOYD 50	5:07.06 JACK GEOGHEGAN	51	22:29.59 MIKE MILLIMAN	59	26.85 BOB BAILIE	58
2:31.54 WILLAIM GONZALEZ 50	5:07.79 ROBERT WILLIAMS	51	22:50.27 JOHN CONLEY	55	26.91 ROBERT PROEBSTING	56
2:31.60 TOM BOAK 50	5:08.15 MIKE LAUX	52	50 YD. BACK M E N 55-59		26.98 JEFF FARRELL	57
2:36.10 JIM PELISSIER 50	5:11.24 ALLEN NEULS	50	28.15 YOSHI OYAKAWA	91	27.11 BERT PETERSEN	55
2:36.41 PETER OROSZLAN 50	5:14.99 ROBERT SMITH	50	30.53 JACK BEATTIE	59	28.28 TOSHIHIRO HAYASHI	56
2:36.52 MIKE LAUX 52	*****		30.69 LEWIS COOK	56	28.40 RONALD NAKATA	55
2:38.28 PHILLIP WHITTEN 50	50 YD. FREE M E N 55-59		30.92 BILL EARLEY	57	28.47 DAVID COSTILL	58
2:38.57 BILL BROWN 50	23.41 DONALD HILL	87	31.00 BARR CLAYSON	58	28.62 DENNIS BLEDSOE	55
2:39.15 WARNER BRUNDAGE 50	23.73 JEFF FARRELL	57	31.28 RICHARD HAY	56	28.80 JAMES KRUEGER	55
50 YD. FLY M E N 50-54	24.16 BOB BAILIE	58	31.69 MARSHALL GREER	57	28.87 RICHARD HANLEY	58
25.50 MICHAEL MEALIFFE 91	25.01 TOSHIHIRO HAYASHI	56	31.79 JEFF FARRELL	57	100 YD. FLY M E N 55-59	
25.67 DOUG BUCHAN 50	25.21 CHARLES RAVEN	55	32.04 CARL CHRISTENSEN	56	1:00.88 WALLY DOBLER	89
25.74 ROBERT SMITH 50	25.83 ROLFFS PINKERTON	55	32.05 JAMES BOHAN	58	1:02.19 ROBERT PROEBSTING	56

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SHORT COURSE YARDS

1:03.98 BERT PETERSEN 55	1:01.13 DREN GEER 60	1:14.38 BOB MILLER 64	2:36.24 WALLY DOBLER 60N
1:05.90 ERNIE LESKOVITZ 56	1:01.15 TOMMY KEHOE 60	1:16.31 H. SEEGERS 64	2:43.05 JOHN MASTERS 63
1:06.15 JAMES KRUEGER 55	1:01.24 BOB BEST 61	200 YD. BACK M E N 60-64	2:44.03 C.LEBOURGEOIS 60
1:08.07 MEL GOLDSTEIN 55	1:01.63 HAL BEGEL 64	2:23.30 DON BROWN 94	2:50.58 RICHARD ROUSE 60
1:08.27 DENNIS O'BRIEN 58	1:02.02 DICK BOWER 63	2:23.30 DON BROWN 60	2:52.18 BOB BEST 61
1:08.40 WILLIAM TIMKEN 55	1:02.18 DONALD SONIA 63	2:37.92 WALLY DOBLER 60	2:55.74 BUDDY BELSHE 60
1:08.60 RONALD NAKATA 55	200 YD. FREE M E N 60-64	2:37.94 YOSHI OYAKAWA 60	2:57.01 ROBERT KUENY 63
1:09.29 BOB PATTEN 59	2:07.53 PETER POWLISON 85	2:38.46 BOB MILLER 64	2:57.98 HERB KERN 62
1:10.83 PETER TAFT 58	2:10.59 GRAHAM JOHNSTON 63	2:41.49 CLARKE MITCHELL 61	2:59.48 ROBERT KAHL 60
200 YD. FLY M E N 55-59	2:18.50 WAYNE LEENGRAN 62	2:44.58 RICHARD BENNETT 63	3:00.54 JOHN LENARD 63
2:21.48 ROBERT PROEBSTING 93	2:19.76 C.LEBOURGEOIS 60	2:48.64 HORACE KNOWLTON 64	100 YD. I.M. M E N 60-64
2:29.45 ROBERT PROEBSTING 56	2:19.83 JOHN KALAS 61	2:49.99 KENNETH KIMBALL 63	1:06.39 PAUL HUTINGER 86
2:31.95 DAVID COSTILL 58	2:20.74 DREN GEER 60	2:52.89 DREN GEER 60	1:06.41 WALLY DOBLER 60
2:34.01 DRURY GALLAGHER 55	2:21.22 BOB BEST 61	2:52.90 H. SEEGERS 64	1:07.17 DON BROWN 60
2:38.37 ERNIE LESKOVITZ 56	2:22.26 BILL KING 60	50 YD. BRST M E N 60-64	1:07.54 BOB BEST 61
2:40.41 MEL GOLDSTEIN 55	2:22.81 HERB KERN 61	31.34 MANUEL SANGUILY 93	1:08.92 RONALD JOHNSON 62
2:41.73 TELFAIR MAHAFFY 58	2:22.96 DONALD BAKER 62	32.72 BOB BEST 61	1:09.18 JOHN KORTHEUER 63
2:41.79 WILLIAM TIMKEN 55	2:23.74 JOHN RIES 62	33.04 JOHN KORTHEUER 63	1:09.47 YOSHI OYAKAWA 60
2:43.02 DENNIS O'BRIEN 58	500 YD. FREE M E N 60-64	33.65 WALLY DOBLER 60	1:13.28 HERB KERN 62
2:44.55 BERT PETERSEN 55	5:38.17 GRAHAM JOHNSTON 91	34.58 THOMAS KOENIG 62	1:13.43 CLARKE MITCHELL 61
2:45.30 JACK HALLIDAY 57	5:46.35 GRAHAM JOHNSTON 63	34.65 AARON KURTZMAN 64	1:13.67 GRAHAM JOHNSTON 62
100 YD. I.M. M E N 55-59	6:13.61 C.LEBOURGEOIS 60	34.97 JOHN MASTERS 63	1:13.85 C.LEBOURGEOIS 60
1:01.70 JEFF FARRELL 93	6:15.34 JOHN KALAS 61	34.99 DAVE HAUCK 62	200 YD. I.M. M E N 60-64
1:01.89 JEFF FARRELL 57	6:20.05 BUDDY BELSHE 60	35.13 RONALD JOHNSON 62	2:27.46 DON BROWN 94
1:04.55 DRURY GALLAGHER 55	6:24.57 WALLIE JEFFERIES 62	35.20 J.VAN LANDINGHAM 60	2:27.46 DON BROWN 60
1:05.62 TOSHIHIRO HAYASHI 56	6:26.18 BOB MILLER 64	35.29 MILTON MARKS 63	2:27.99 WALLY DOBLER 60
1:06.24 DAVE COSTILL 58	6:29.24 BILL KING 60	100 YD. BRST M E N 60-64	2:30.01 GRAHAM JOHNSTON 63
1:06.42 DENNIS BLEDSOE 55	6:32.34 ARTHUR WELCH 61	1:10.08 MANUEL SANGUILY 93	2:37.20 BOB BEST 61
1:07.48 BOB BAILIE 58	6:33.48 WAYNE LEENGRAN 62	1:13.07 BOB BEST 61	2:40.60 BOB MILLER 64
1:07.64 BERT PETERSEN 55	6:38.82 ROBERT KAHL 60	1:13.94 JOHN KORTHEUER 62	2:41.41 BUDDY BELSHE 60
1:07.75 JACK BEATTIE 59	1000 YD. FREE M E N 60-64	1:17.96 THOMAS KOENIG 62	2:44.00 RICHARD ROUSE 60
1:07.86 RONALD NAKATA 55	11:51.48 GRAHAM JOHNSTON 91	1:18.19 JOHN MASTERS 63	2:45.24 HERB KERN 62
1:07.91 JAMES BOHAN 58	12:43.63 C.LEBOURGEOIS 60	1:21.33 ROBERT KUENY 63	2:45.34 DREN GEER 60
200 YD. I.M. M E N 55-59	13:15.33 WAYNE LEENGRAN 62	1:21.71 TAK ISERI 62	2:45.80 ROBERT KUENY 63
2:17.88 BURWELL JONES 88	13:36.75 ARTHUR WELCH 61	1:21.87 R.C. MACDONALD 64	400 YD. I.M. M E N 60-64
2:19.31 DRURY GALLAGHER 55	13:44.01 TOM TAYLOR 63	1:22.27 J.VAN LANDINGHAM 60	5:21.45 GRAHAM JOHNSTON 93
2:24.18 JEFF FARRELL 57	13:44.38 BUDDY BELSHE 60	1:22.42 AARON KURTZMAN 64	5:29.27 GRAHAM JOHNSTON 63
2:28.12 JACK BEATTIE 59	13:50.81 KENNETH KIMBALL 63	1:22.83 TOM TAYLOR 63	5:35.32 WALLY DOBLER 60
2:31.45 MEL GOLDSTEIN 55	13:52.86 ROBERT KAHL 60	200 YD. BRST M E N 60-64	5:50.18 C.LEBOURGEOIS 60
2:31.90 TOSHIHIRO HAYASHI 56	14:11.36 DREN GEER 60	2:39.95 MANUEL SANGUILY 93	5:50.20 BUDDY BELSHE 60
2:33.26 JACK HALLIDAY 57	14:11.63 FRED LEHMAN 63	2:46.66 BOB BEST 61	5:51.98 BOB BEST 61
2:33.45 RONALD NAKATA 55	14:13.98 STEPHEN MULLINS 61	2:48.27 JOHN KORTHEUER 62	5:53.20 BOB MILLER 64
2:34.93 DICK PETERSON 57	1650 YD. FREE M E N 60-64	3:00.20 TAK ISERI 62	5:58.89 RICHARD ROUSE 60
2:35.40 DENNIS O'BRIEN 58	19:41.57 GRAHAM JOHNSTON 92	3:01.22 JOHN BLECK 61	6:03.09 HERB KERN 62
2:35.49 BUZ BRENTON 59	20:34.49 GRAHAM JOHNSTON 63	3:03.45 ROBERT KUENY 63	6:04.73 ROBERT KUENY 62
400 YD. I.M. M E N 55-59	21:37.31 WALLIE JEFFERIES 62	3:04.51 J.VAN LANDINGHAM 60	6:08.98 JOHN LENARD 63
5:03.44 BURWELL JONES 90	22:00.94 BUDDY BELSHE 60	3:04.92 TOM TAYLOR 63	*****
5:10.97 DRURY GALLAGHER 55	22:26.73 WAYNE LEENGRAN 62	3:05.77 AARON KURTZMAN 64	50 YD. FREE M E N 65-69
5:21.57 JEFF FARRELL 57	22:51.94 TOM TAYLOR 63	3:08.74 THOMAS KOENIG 62	25.62 PETER POWLISON 87
5:22.65 BOB BAILIE 58	23:17.00 KENNETH KIMBALL 63	3:09.35 BENGT STROM 61	26.85 FRANK PIEMME 69
5:32.05 MEL GOLDSTEIN 55	23:27.19 DANIEL OSBORNE 60	50 YD. FLY M E N 60-64	27.03 BOYD JOHNSON 66
5:38.53 BUZ BRENTON 59	23:34.41 BILL KING 60	28.31 WALLY DOBLER 94	27.46 BOB HERITIER 65
5:39.08 DICK PETERSON 57	23:48.28 C.H. KOHNKEN 62	28.31 WALLY DOBLER 60	27.81 PETER VAN DIJK 65
5:40.60 DENNIS O'BRIEN 58	24:09.30 YU-JIN LEE 60	28.98 RONALD JOHNSON 62	27.95 PAUL HUTINGER 68
5:41.91 BERT PETERSEN 55	50 YD. BACK M E N 60-64	29.50 CHUCK BALDWIN 63	27.98 CHARLES MOSS 65
5:49.91 JAMES DULEY 55	29.62 YOSHI OYAKAWA 94	29.89 C.LEBOURGEOIS 60	28.00 WILLIAM DOLAN 65
5:50.06 GRAHAM SYMONDS 57	29.62 YOSHI OYAKAWA 60	30.45 HERB KERN 62	28.10 AL CRAIG 65
*****	30.39 DON BROWN 60	30.98 YOSHI OYAKAWA 60	28.27 BOB CONGELLIERE 65
50 YD. FREE M E N 60-64	31.39 RONALD JOHNSON 62	31.24 CLARKE MITCHELL 61	28.35 CHESTER WERSHILA 65
24.52 DONALD HILL 93	32.14 JOHN GOODE 60	31.38 DONALD SONIA 64	100 YD. FREE M E N 65-69
25.79 WALLY DOBLER 60	32.35 CLARKE MITCHELL 61	31.59 LARRY SHANNON 61	56.24 PETER POWLISON 87
25.92 RONALD JOHNSON 62	32.74 WALLY DOBLER 60	31.69 BOB BEST 61	1:01.18 FRANK PIEMME 69
26.21 YOSHI OYAKAWA 60	32.98 RICHARD BENNETT 63	100 YD. FLY M E N 60-64	1:02.44 BOYD JOHNSON 66
26.28 CHUCK BALDWIN 63	33.02 HAL BEGEL 64	1:03.44 WALLY DOBLER 94	1:02.64 PETER VAN DIJK 65
26.63 BOB BEST 61	33.09 LLOYD SKRAMSTAD 60	1:03.44 WALLY DOBLER 60	1:03.11 WILLIAM PHILLIPS 66
26.77 TOMMY KEHOE 60	33.35 H. SEEGERS 64	1:11.77 JOHN KORTHEUER 63	1:03.11 BOB HERITIER 65
27.06 HAL BEGEL 64	100 YD. BACK M E N 60-64	1:12.24 C.LEBOURGEOIS 60	1:03.23 WINTHROP WILSON 67
27.23 DONALD SONIA 63	1:05.09 DON BROWN 94	1:12.36 LARRY SHANNON 61	1:03.62 AL CRAIG 66
27.28 DAVE HAUCK 62	1:05.09 DON BROWN 60	1:12.36 JOHN MASTERS 63	1:03.70 WILLIAM DOLAN 65
27.28 LARRY SHANNON 61	1:07.43 YOSHI OYAKAWA 60	1:12.43 DONALD RICE 60	1:04.65 WILLIAM IRWIN 66
100 YD. FREE M E N 60-64	1:10.80 CLARKE MITCHELL 61	1:12.91 BOB BEST 61	1:04.76 WILLIAM CLEMONS 65
54.49 DONALD HILL 93	1:11.49 WALLY DOBLER 60	1:15.42 HERB KERN 62	200 YD. FREE M E N 65-69
58.81 WALLY DOBLER 60	1:13.14 JOHN GOODE 60	1:16.24 RICHARD ROUSE 60	2:10.80 PETER POWLISON 87
58.81 YOSHI OYAKAWA 60	1:13.35 RICHARD BENNETT 63	1:17.24 ROBERT KUENY 63	2:18.01 BOB MILLER 65
59.87 CHUCK BALDWIN 63	1:13.48 HORACE KNOWLTON 64	200 YD. FLY M E N 60-64	2:19.50 WILLIAM PHILLIPS 66
1:00.89 DONALD BAKER 62	1:13.66 HAL BEGEL 64	2:38.59 JOHN MASTERS 91	2:19.90 FRANK PIEMME 69

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SHORT COURSE YARDS

2:22.87 BOB HERITIER 65	3:03.59 HAROLD DE SMIDT 65	1:06.74 PETER POWLISON 87	7:09.61 RAYMOND TAFT 74
2:24.69 PETER VAN DIJK 65	3:04.60 DALE WEBSTER 68	1:11.41 BOB MILLER 65	7:22.53 W.W. BLANCHARD 70
2:24.76 ROGER FRANKS 67	3:05.03 TED HAARTZ 65	1:11.44 FRANK PIEMME 69	7:28.61 STEVE CARLSON 74
2:24.86 WINTHROP WILSON 67	50 YD. BRST M E N 65-69	1:12.04 PAUL HUTINGER 69	7:36.09 JAMES EDWARDS 71
2:27.46 CHARLES MOSS 65	33.24 JOSEPH KURTZMAN 91	1:12.69 CHARLES MOSS 65	7:39.70 GILBERT YOUNG 71
2:29.63 WILLIAM IRWIN 66	34.43 CHARLES MOSS 66	1:12.74 FRED LEIPZIGER 66	7:40.37 RICHARD SMITH 73
2:29.95 ED KERSWILL 68	34.52 BARTON GREINBERG 69	1:13.43 TED HAARTZ 65	7:43.45 BOB MERRICK 73
500 YD. FREE M E N 65-69	35.16 JOSEPH KURTZMAN 67	1:15.52 AL CRAIG 66	7:46.78 JOHN PATTEN 72
6:14.78 WILLIAM PHILLIPS 94	35.52 WILLIAM CLEMONS 65	1:16.63 WILLIAM IRWIN 66	1000 YD. FREE M E N 70-74
6:14.78 WILLIAM PHILLIPS 66	36.13 PAUL HUTINGER 68	1:17.01 ROGER FRANKS 67	14:15.81 FRED TAIOLI 91
6:25.32 ROGER FRANKS 67	36.69 DONALD HESTER 67	1:17.53 KEITH CARTER 69	14:54.84 JURGEN SCHMIDT 71
6:28.53 WINTHROP WILSON 67	36.97 WILLIAM IRWIN 66	200 YD. I.M. M E N 65-69	15:04.19 RAYMOND TAFT 74
6:33.63 FRANK PIEMME 69	37.02 TED HAARTZ 65	2:35.07 CHARLES MOSS 93	15:27.71 GILBERT YOUNG 71
6:33.93 BOB HERITIER 65	37.12 CHESTER WERSHILA 65	2:35.92 BOB MILLER 65	15:32.78 STEVE CARLSON 74
6:44.93 ED KERSWILL 68	37.29 GEORGE MCVEY 66	2:37.11 CHARLES MOSS 66	15:35.10 DAN MILES 73
6:58.98 FRED TRASK 66	100 YD. BRST M E N 65-69	2:43.64 ROGER FRANKS 67	15:40.16 JOHN PATTEN 72
7:00.21 PAUL HUTINGER 69	1:17.34 JOSEPH KURTZMAN 91	2:48.80 ROBERT MACDONALD 65	15:41.96 JAMES EDWARDS 71
7:03.98 ERNIE POLTE 67	1:19.02 BARTON GREINBERG 69	2:49.75 FRANK PIEMME 69	15:59.18 BOB MERRICK 73
7:12.02 W MORGAN BYERS 66	1:20.02 CHARLES MOSS 65	2:55.75 AL CRAIG 66	15:59.74 RICHARD SMITH 73
1000 YD. FREE M E N 65-69	1:20.53 FRED LEIPZIGER 66	2:57.90 LUMAN SUTTON 67	16:22.94 CALVIN BARNES 70
13:00.78 ROGER FRANKS 93	1:20.85 TED HAARTZ 66	2:59.82 TED HAARTZ 66	1650 YD. FREE M E N 70-74
13:08.68 W.H. PHILLIPS 66	1:21.11 ROBERT MACDONALD 65	3:00.79 DON KORTEN 67	23:44.48 ALDO DA ROSA 88
13:28.77 ROGER FRANKS 67	1:23.75 WILLIAM CLEMONS 65	3:01.73 WIN WILSON 66	25:11.77 JURGEN SCHMIDT 71
13:34.23 WINTHROP WILSON 67	1:24.15 GEORGE MCVEY 66	400 YD. I.M. M E N 65-69	25:32.24 ARTHUR KOBLISH 70
14:22.65 CHARLES MOSS 65	1:24.68 JOSEPH KURTZMAN 68	5:34.61 CHARLES MOSS 93	26:01.87 GILBERT YOUNG 72
14:57.97 ERNIE POLTE 67	1:25.27 LEE MIESEN 67	5:39.46 CHARLES MOSS 66	26:29.55 RICHARD SMITH 73
14:58.36 DON KORTEN 67	1:25.85 MORRIS MATHEWS 66	5:58.76 ROGER FRANKS 67	27:13.96 BOB MERRICK 73
15:02.02 WILLIAM CLEMONS 65	200 YD. BRST M E N 65-69	6:17.45 PAUL HUTINGER 69	27:20.36 JIM EDWARDS 71
15:06.78 TED HAARTZ 66	2:53.27 TED HAARTZ 93	6:21.21 AL CRAIG 66	27:20.50 FRED TAIOLI 73
15:08.24 JORDAN WOLLE 65	2:58.74 ROBERT MACDONALD 65	6:27.95 WILLIAM IRWIN 65	28:22.36 ELLIOTT SCHOFIELD 71
15:08.26 FRED WADSWORTH 65	3:02.51 TED HAARTZ 66	6:30.47 LUMAN SUTTON 67	29:19.59 ROBERT ACKER 72
1650 YD. FREE M E N 65-69	3:02.68 FRED LEIPZIGER 66	6:36.67 DON KORTEN 66	30:32.18 ROY LAGALY 72
21:39.42 ROGER FRANKS 93	3:06.82 BARTON GREINBERG 69	6:47.45 ROBERT CUNNINGHAM 67	50 YD. BACK M E N 70-74
22:11.39 WILLIAM PHILLIPS 66	3:09.88 GEORGE MCVEY 66	6:50.32 LEE ARTH 68	34.13 RAY TAFT 93
22:31.60 BOB HERITIER 65	3:14.07 ROBERT CUNNINGHAM 66	6:55.08 KEITH CARTER 69	34.73 GEORGE GANDSEY 70
24:19.06 FRED TRASK 66	3:17.13 ALAN MALONEY 65	*****	36.91 RAYMOND TAFT 74
25:24.84 ERNEST POLTE 67	3:20.82 JOSEPH KURTZMAN 67	50 YD. FREE M E N 70-74	37.16 JOHN WOODS 70
25:49.81 ROBERT BLAKE 69	3:21.17 NORMAN GARSOE 68	27.45 KELLEY LEMMON 82	37.52 ANDREW HOLDEN 74
25:55.23 BRUNO WEBER 66	50 YD. FLY M E N 65-69	28.47 JOHN FLORANCE 71	37.89 DONALD AGATE 72
26:15.76 DON KORTEN 67	29.42 FRANK PIEMME 91	29.47 DONALD AGATE 72	38.15 ROGERS HOLMES 72
26:36.76 HARLAN DRAKE 65	30.14 FRANK PIEMME 69	29.81 ANDREW HOLDEN 74	38.63 RICHARD AVERY 71
26:37.54 LOU SILVERSTEIN 67	30.35 PAUL HUTINGER 68	29.82 ROGERS HOLMES 72	38.85 GAETANO PAVONE 71
27:11.77 GLYNN JONES 69	31.51 CHARLES MOSS 65	29.83 JURGEN SCHMIDT 70	39.00 JOHN BRICKER 73
50 YD. BACK M E N 65-69	31.81 BOYD JOHNSON 66	30.14 HERB MCCAULEY 71	39.27 BOB MERRICK 73
31.26 PAUL HUTINGER 93	32.07 JOSEPH KURTZMAN 68	30.27 JOHN WOODS 70	100 YD. BACK M E N 70-74
31.98 PAUL HUTINGER 68	32.50 PERRY ROCKWELL 69	30.42 RAYMOND TAFT 74	1:15.70 JOHN DILLEY 91
32.72 PETER VAN DIJK 65	32.82 KEITH CARTER 69	30.44 RICHARD KENNEDY 72	1:18.99 RAYMOND TAFT 74
33.39 ROGER FRANKS 67	33.23 STAN PRAZER 65	30.53 JOHN PATTEN 72	1:20.02 GEORGE GANDSEY 70
34.53 GEORGE BRINTON 69	33.28 WIN WILSON 67	100 YD. FREE M E N 70-74	1:25.25 ANDREW HOLDEN 74
34.74 BOYD JOHNSON 66	33.72 LUMAN SUTTON 67	1:01.22 KELLEY LEMMON 84	1:25.53 ROGERS HOLMES 72
34.79 CHARLES MOSS 65	100 YD. FLY M E N 65-69	1:06.21 JOHN FLORANCE 71	1:26.03 JOHN WOODS 70
35.46 DALE WEBSTER 68	1:09.77 JOSEPH KURTZMAN 91	1:06.75 JURGEN SCHMIDT 70	1:26.32 JOHN BRICKER 73
35.61 FRANK PIEMME 69	1:09.98 WINTHROP WILSON 67	1:07.85 RAYMOND TAFT 74	1:26.74 BOB MERRICK 73
35.79 WILLIAM PECKHAM 65	1:10.43 CHARLES MOSS 66	1:08.15 ANDREW HOLDEN 74	1:26.90 EARL WALTER 72
37.86 TOM FLYNN 65	1:16.40 JOSEPH KURTZMAN 68	1:09.06 HERB MCCAULEY 71	1:27.93 DAVID FUNK 70
100 YD. BACK M E N 65-69	1:17.38 KEITH CARTER 69	1:10.11 DONALD AGATE 72	1:28.97 JAMES EDWARDS 71
1:10.07 ROGER FRANKS 93	1:18.74 GEORGE ERSWELL 67	1:10.53 JOHN PATTEN 72	200 YD. BACK M E N 70-74
1:10.90 BOB MILLER 65	1:21.61 PAUL HUTINGER 69	1:11.06 ARTHUR KOBLISH 70	2:50.06 RAY TAFT 93
1:11.53 PAUL HUTINGER 69	1:22.51 ROGER FRANKS 67	1:11.07 BOB MERRICK 73	2:53.50 RAYMOND TAFT 74
1:11.64 ROGER FRANKS 67	1:24.23 LUMAN SUTTON 66	1:11.32 JOHN WOODS 70	3:02.14 GEORGE GANDSEY 70
1:15.47 CHARLES MOSS 65	1:24.63 MILT BRIER 65	200 YD. FREE M E N 70-74	3:07.25 JOHN BRICKER 73
1:15.50 PETER VAN DIJK 65	1:25.23 DON KORTEN 67	2:24.72 KELLEY LEMMON 82	3:10.99 GAETANO PAVONE 71
1:16.68 BOYD JOHNSON 66	200 YD. FLY M E N 65-69	2:27.61 ARTHUR KOBLISH 70	3:13.07 JOHN WRENN 73
1:16.72 GEORGE BRINTON 69	2:41.99 CHARLES MOSS 93	2:33.11 JURGEN SCHMIDT 70	3:14.99 JAMES EDWARDS 71
1:21.02 DALE WEBSTER 68	2:46.16 CHARLES MOSS 66	2:36.11 JOHN FLORANCE 71	3:15.14 CALVIN BARNES 70
1:21.15 LUMAN SUTTON 67	2:58.44 JOSEPH KURTZMAN 68	2:39.71 RAYMOND TAFT 74	3:15.71 DAVID FUNK 70
1:23.84 RALPH COXHEAD 65	3:12.33 KEITH CARTER 69	2:40.29 JOHN WOODS 70	3:15.71 EARL WALTER 72
200 YD. BACK M E N 65-69	3:16.54 AL CRAIG 66	2:44.03 JOHN PATTEN 72	3:16.74 JOHN WOODS 70
2:30.53 ROGER FRANKS 93	3:18.42 DON KORTEN 67	2:44.60 GILBERT YOUNG 72	50 YD. BRST M E N 70-74
2:33.20 ROGER FRANKS 67	3:24.05 ART KELLEY 68	2:45.89 JIM EDWARDS 71	36.17 PAUL KRUP 89
2:33.55 BOB MILLER 65	3:32.68 MILT BRIER 65	2:46.07 BOB MERRICK 73	38.26 TOM DOWELL 71
2:45.47 PETER VAN DIJK 65	3:37.61 ROBERT CUNNINGHAM 66	2:46.67 STEVE CARLSON 74	39.67 NORMAN GARSOE 70
2:48.52 CHARLES MOSS 65	3:42.00 LEONARD OLGUIN 68	500 YD. FREE M E N 70-74	40.05 ABRASHA BRAININ 71
2:59.60 GEORGE BRINTON 69	3:57.31 DOUG STRONG 69	6:52.21 FRED TAIOLI 91	40.10 BOB MERRICK 73
3:02.45 GEORGE ERSWELL 67	100 YD. I.M. M E N 65-69	6:58.08 JURGEN SCHMIDT 70	40.69 JOHN FLORANCE 71
3:03.04 RALPH COXHEAD 65		7:02.87 ARTHUR KOBLISH 70	41.07 RAYMOND TAFT 74

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SHORT COURSE YARDS

41.57 JOHN WOODS	70	200 YD. I.M. M E N 70-74	15:59.28 NORRIS FLUKE	76	1:40.02 BENNETT ALLEN	79
41.76 ROBERT MORRISON	72	2:47.68 BIRCH DAVIDSON	16:04.64 ROBERT JOHNSTON	77	1:44.92 ROGER CHAMBERLAIN	76
41.78 RAYMOND HAKOMAKI	73	3:03.66 RAYMOND TAFT	17:14.24 EDWARD MORAN	76	1:46.28 MIKE OFFNER	79
41.94 JOHN STERN	70	3:03.92 JURGEN SCHMIDT	17:45.20 JOHN MERRILL	76	1:46.37 MURRAY EAGER	77
100 YD. BRST M E N 70-74		3:09.05 ARTHUR KOBLISH	18:02.02 JOHN WOODS	76	1:48.31 WALTER WELLS	76
1:21.03 ALDO DA ROSA	88	3:09.53 BOB MERRICK	19:23.17 BERNARD BERGMAN	76	200 YD. BRST M E N 75-79	
1:28.48 NORMAN GARSOE	70	3:13.55 EARL WALTER	19:58.79 MAURICE STERN	77	3:13.37 ALDO DA ROSA	93
1:29.96 BOB MERRICK	73	3:13.71 ANDREW HOLDEN	20:48.04 ROBERT SMITH	78	3:14.98 ALDO DA ROSA	76
1:31.57 ABRASHA BRAININ	71	3:15.70 JOHN WRENN	20:48.12 JOHN SIMMS	76	3:24.56 PAUL KRUP	76
1:33.03 TOM DOWELL	71	3:16.67 JOHN WOODS	1650 YD. FREE M E N 75-79		3:25.60 RUSS WITTE	77
1:33.08 RAYMOND HAKOMAKI	73	3:18.52 GEORGE HUBBELL	24:48.25 ALDO DA ROSA	93	3:34.53 E.DON MCCULLOUGH	78
1:35.74 CECIL HULL	72	3:23.80 DAN MILES	25:34.21 ALDO DA ROSA	76	3:46.77 JERRY EVERALL	79
1:36.39 JOHN STERN	70	400 YD. I.M. M E N 70-74	26:29.95 NORRIS FLUKE	76	3:52.22 MIKE OFFNER	79
1:38.48 WILLIAM BROCK	72	6:14.18 BIRCH DAVIDSON	26:34.76 ROBERT JOHNSTON	77	3:55.34 NELSON OTIS	78
1:39.01 BALINT PAPP	72	6:41.30 ARTHUR KOBLISH	27:33.30 EDWARD MORAN	76	4:12.06 DEXTER WOODFORD	79
1:39.63 RICHARD HERZER	70	6:41.39 RAYMOND TAFT	29:22.93 JOHN MERRILL	77	4:22.86 FRITZ MCDUFFIE	76
200 YD. BRST M E N 70-74		6:59.16 BOB MERRICK	29:41.87 JOHN WOODS	75	4:24.96 JOHN JOHNSTON	78
3:03.29 ALDO DA ROSA	88	6:59.84 EARL WALTER	32:15.09 HENRY SHOSTCHUK	76	50 YD. FLY M E N 75-79	
3:17.70 NORMAN GARSOE	70	7:00.14 JOHN WRENN	32:44.86 JOHN JOHNSTON	78	33.17 BIRCH DAVIDSON	94
3:19.67 BOB MERRICK	73	7:08.51 DAN MILES	40:41.48 WILLIAM MCCARTHY	76	33.17 BIRCH DAVIDSON	75
3:26.92 RAYMOND HAKOMAKI	73	7:10.31 ANDREW HOLDEN	41:34.11 GEORGE HALE	77	33.83 ANDREW HOLDEN	75
3:27.06 ABRASHA BRAININ	71	7:24.15 RICHARD SMITH	50 YD. BACK M E N 75-79		36.91 PAUL KRUP	76
3:30.40 JOHN WRENN	73	7:32.59 BILL STADIG	37.10 EDWARD SHEA	91	39.48 FRANK HAVLICEK	76
3:32.91 RAYMOND TAFT	74	7:33.96 CALVIN BARNES	38.84 EDWARD SHEA	79	40.19 WILLIAM JOHNSTON	75
3:40.51 EARL WALTER	72	*****	38.89 BILL MOLVIE	75	41.17 ALDO DA ROSA	76
3:40.98 RICHARD AVERY	71	50 YD. FREE M E N 75-79	38.90 HARRY LIBER	75	41.91 EDWIN WOLPAW	78
3:41.89 WILLIAM BROCK	72	28.73 KELLEY LEMMON	39.10 JOHN MERRILL	76	43.60 GEORGE RAFTER	77
3:42.45 BALINT PAPP	72	29.40 ANDREW HOLDEN	39.20 WILLIAM ROWE	78	44.69 HARRY LIBER	75
50 YD. FLY M E N 70-74		31.04 JERRY SIEFERT	39.26 ALDO DA ROSA	76	46.54 ANGY JAMES	75
31.95 BIRCH DAVIDSON	89	31.52 OBEL JAMES	41.16 C.EDWARD JOHNSON	75	100 YD. FLY M E N 75-79	
32.92 JURGEN SCHMIDT	70	31.90 WILLIAM JOHNSTON	41.58 NORRIS FLUKE	76	1:23.77 ANDREW HOLDEN	94
33.90 ROGERS HOLMES	72	31.92 LYNN SURLES	41.64 BRION WINSHIP	76	1:23.77 ANDREW HOLDEN	75
34.05 ANDREW HOLDEN	74	32.03 GUS CLEMENS	42.68 JERRY SIEFERT	75	1:26.61 PAUL KRUP	76
34.81 RAYMOND TAFT	74	32.10 BILL MOLVIE	100 YD. BACK M E N 75-79		1:34.19 FRANK HAVLICEK	75
35.91 JOHN WOODS	70	32.34 HARY CLASS	1:21.83 A VANDE WEGHE	92	1:46.56 GEORGE RAFTER	77
36.57 FRED ROBERTSON	72	32.60 C.EDWARD JOHNSON	1:23.36 ANDREW HOLDEN	75	1:47.35 DON MCCULLOUGH	78
37.69 HERB MCCAULEY	71	33.03 FRANK HAVLICEK	1:24.22 HARRY LIBER	75	1:59.54 PAUL MENZIES	78
38.58 TOM DOWELL	71	100 YD. FREE M E N 75-79	1:25.88 ALDO DA ROSA	76	2:01.21 NELSON OTIS	78
38.87 BOB MERRICK	73	1:04.28 KELLEY LEMMON	1:27.59 NORRIS FLUKE	76	2:10.66 JOHN JOHNSTON	78
39.07 PAUL CRAGO	73	1:08.15 ANDREW HOLDEN	1:27.94 EDWARD SHEA	79	200 YD. FLY M E N 75-79	
100 YD. FLY M E N 70-74		1:12.21 JERRY SIEFERT	1:28.37 JOHN MERRILL	76	3:17.53 ANTON CERER	92
1:18.88 ANDREW HOLDEN	90	1:13.57 OBEL JAMES	1:28.65 BILL MOLVIE	75	3:30.64 PAUL KRUP	76
1:27.00 ARTHUR KOBLISH	70	1:14.73 ALDO DA ROSA	1:34.00 EDWARD MORAN	76	3:39.01 ALDO DA ROSA	76
1:30.21 BOB MERRICK	73	1:15.09 LYNN SURLES	1:34.42 C.EDWARD JOHNSON	75	3:54.24 JIM PENDERGRASS	75
1:30.63 ANDREW HOLDEN	74	1:15.10 BILL MOLVIE	1:35.48 BRION WINSHIP	76	3:55.92 E.DON MCCULLOUGH	78
1:31.69 EARL WALTER	72	1:15.42 GUS CLEMENS	200 YD. BACK M E N 75-79		4:41.55 JOHN JOHNSTON	78
1:36.40 PAUL CRAGO	73	1:17.02 FRANK HAVLICEK	3:02.98 EDWARD SHEA	92	4:42.36 GEORGE TRAWICKI	78
1:38.73 BILL STADIG	71	1:17.66 ROBERT JOHNSON	3:04.78 HARRY LIBER	75	7:06.55 JOE RUDDLEY	79
1:39.16 BALINT PAPP	72	1:19.35 HARY CLASS	3:09.01 ALDO DA ROSA	76	100 YD. I.M. M E N 75-79	
1:39.33 RICHARD SMITH	73	200 YD. FREE M E N 75-79	3:11.16 NORRIS FLUKE	76	1:16.56 BIRCH DAVIDSON	94
1:40.86 CLARENCE WEBB	71	2:30.58 KELLEY LEMMON	3:12.70 EDWARD SHEA	79	1:16.56 BIRCH DAVIDSON	75
1:46.89 WALLACE SAWHILL	74	2:39.41 BIRCH DAVIDSON	3:15.41 JOHN MERRILL	76	1:24.30 PAUL KRUP	76
200 YD. FLY M E N 70-74		2:44.03 ALDO DA ROSA	3:22.42 EDWARD MORAN	76	1:26.54 ALDO DA ROSA	76
2:58.78 ANTON CERER	87	2:50.06 NORRIS FLUKE	3:28.41 BRION WINSHIP	76	1:32.02 NORRIS FLUKE	76
3:18.92 ARTHUR KOBLISH	70	2:52.98 OBEL JAMES	3:41.31 JOHN WHITE	77	1:32.63 JERRY SIEFERT	75
3:38.24 DAN MILES	73	2:54.95 JERRY SIEFERT	3:42.88 BILL MOLVIE	75	1:34.13 FRANK HAVLICEK	76
3:40.89 EARL WALTER	72	2:55.57 ROBERT JOHNSTON	3:50.90 JIM TRIOLO	79	1:34.46 HARRY LIBER	75
3:41.27 BILL STADIG	71	2:59.81 EDWARD MORAN	50 YD. BRST M E N 75-79		1:35.07 ROGER CHAMBERLAIN	76
3:51.22 PAUL CRAGO	73	3:01.49 GUS CLEMENS	37.59 PAUL KRUP	93	1:35.49 ROBERT JOHNSTON	77
4:20.01 ALEX MCINTOSH	70	3:03.10 LYNN SURLES	38.36 PAUL KRUP	76	1:35.89 RUSS WITTE	77
4:32.79 HERMAN FOREST	72	3:03.38 ED NAKAMURA	39.26 ALDO DA ROSA	76	200 YD. I.M. M E N 75-79	
4:33.68 VLADIMIR OUCHAKOF	70	500 YD. FREE M E N 75-79	39.80 BIRCH DAVIDSON	75	2:58.90 KELLEY LEMMON	87
5:35.99 JAY CHARLES	71	7:12.60 ALDO DA ROSA	41.32 RUSS WITTE	77	3:01.31 BIRCH DAVIDSON	75
5:37.35 REGINALD MCHUGH	74	7:26.99 ALDO DA ROSA	44.05 JERRY EVERALL	79	3:08.96 ALDO DA ROSA	76
100 YD. I.M. M E N 70-74		7:42.50 ROBERT JOHNSON	44.95 JERRY SIEFERT	75	3:22.88 ROBERT JOHNSON	77
1:13.66 RAYMOND TAFT	89	7:47.84 NORRIS FLUKE	45.02 EDWIN WOLPAW	78	3:26.51 PAUL KRUP	76
1:18.07 RAYMOND TAFT	74	8:05.19 EDWARD MORAN	45.19 FRANK HAVLICEK	76	3:30.33 FRANK HAVLICEK	76
1:20.09 JOHN WOODS	70	8:13.16 FRANK MURPHY	45.21 WALTER WELLS	76	3:35.30 JERRY SIEFERT	75
1:21.71 BOB MERRICK	73	8:18.16 GUS CLEMENS	45.35 E.DON MCCULLOUGH	78	3:39.42 E.DON MCCULLOUGH	78
1:22.00 ANDREW HOLDEN	74	8:21.85 DEXTER WOODFORD	100 YD. BRST M E N 75-79		3:41.71 GEORGE RAFTER	77
1:22.23 ROGERS HOLMES	72	8:22.09 OBEL JAMES	1:25.80 ALDO DA ROSA	93	3:50.41 NELSON OTIS	78
1:24.11 JURGEN SCHMIDT	70	8:27.47 JOHN MERRILL	1:28.17 ALDO DA ROSA	76	3:59.00 RUSS WITTE	77
1:24.35 JOHN FLORANCE	71	8:32.75 LYNN SURLES	1:30.56 PAUL KRUP	76	400 YD. I.M. M E N 75-79	
1:25.18 RAYMOND HAKOMAKI	73	1000 YD. FREE M E N 75-79	1:31.95 RUSS WITTE	77	6:32.94 BIRCH DAVIDSON	94
1:27.82 ARTHUR KOBLISH	70	14:37.47 ALDO DA ROSA	1:37.89 DON MCCULLOUGH	78	6:32.94 BIRCH DAVIDSON	75
1:27.98 EARL WALTER	72	15:22.89 ALDO DA ROSA	1:39.78 JERRY EVERALL	79	6:49.38 ALDO DAROSA	76

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SHORT COURSE YARDS

7:31.35 ROBERT JOHNSTON 77	45:00.70 C.J. HAMILTON 80	43.72 JACK MATTINGLY 80	2:23.51 HARRY JAGGERS 86
7:32.87 JIM PENDERGRASS 75	50 YD. BACK M E N 80-84	43.94 WALTER PFEIFFER 80	200 YD. FREE M E N 85-89
7:46.33 E.DON MCCULLOUGH 78	41.05 DAVID MALBROUGH 93	46.57 WOODROW BOWERSOCK 80	3:17.83 GUS LANGNER 90
8:01.09 GEORGE RAFTER 77	41.93 DAVE MALBROUGH 81	50.60 JESSE COON 83	3:40.40 C.SUNDERLAND 85
8:14.22 NELSON OTIS 78	46.27 WOODROW BOWERSOCK 80	56.41 DONALD LEATHERMAN 82	4:04.45 CHARLES WOOD 85
9:01.25 JOHN JOHNSTON 78	47.90 FREDERICK HAUFF 82	59.27 DON ERION 80	4:26.40 PETER JURCZYK 88
9:08.18 GIL SPEAR 78	48.75 WILLIAM GRANT 80	1:12.65 RICHARD KANE 82	4:34.77 DON NEEFE 85
12:12.16 JOE RUDDLEY 79	49.46 DON ERION 80	1:16.11 C.J. HAMILTON 80	4:35.05 JOE KAUFMAN 89
*****	50.35 WALTER SOMPAYRAC 80	100 YD. FLY M E N 80-84	4:40.50 ABE OLANOFF 87
50 YD. FREE M E N 80-84	50.84 JACK HOEY 84	1:39.74 WALTER PFEIFFER 94	5:00.97 JOHN MAXWELL 85
31.09 WOODROW BOWERSOCK94	50.96 CARL THORNBURG 81	1:39.74 WALTER PFEIFFER 80	6:24.28 HAROLD HOFFMAN 86
33.66 KELLY LEMMON 80	51.11 SYD HENDY 80	1:47.17 WILLIAM GRANT 80	500 YD. FREE M E N 85-89
34.30 WILLIAM GRANT 80	52.58 RAYMOND EDELHOFF 81	2:11.92 CARL THORNBURG 81	9:00.31 GUS LANGNER 90
34.96 JAMES PEARCE 80	100 YD. BACK M E N 80-84	2:32.20 DONALD LEATHERMAN 82	9:56.82 C.SUNDERLAND 85
35.31 GERSON SOBEL 83	1:33.96 DAVID MALBROUGH 93	2:47.50 C.J. HAMILTON 80	10:28.33 CHARLES WOOD 85
37.54 GENE CROSSETT 80	1:38.33 DAVE MALBROUGH 81	3:14.19 RICHARD KANE 82	12:59.61 DON NEEFE 85
38.41 FRANK BELLAIRE 84	1:43.99 WOODROW BOWERSOCK 80	200 YD. FLY M E N 80-84	13:39.70 JOHN MAXWELL 85
38.73 JACK MATTINGLY 80	1:49.40 FREDERICK HAUFF 82	3:54.09 WALTER PFEIFFER 94	1000 YD. FREE M E N 85-89
38.75 DAVID MCAFFEE 84	1:50.39 CARL THORNBURG 81	3:54.09 WALTER PFEIFFER 80	18:18.29 GUS LANGNER 89
38.97 DAVE MALBROUGH 81	1:50.55 DEXTER WOODFORD 80	5:03.55 JESSE COON 83	NO SWIMMERS
100 YD. FREE M E N 80-84	1:51.10 WALTER SOMPAYRAC 80	7:45.92 RICHARD KANE 82	1650 YD. FREE M E N 85-89
1:12.18 WOODROW BOWERSOCK94	1:53.04 WILLIAM GRANT 80	100 YD. I.M. M E N 80-84	31:02.36 GUS LANGNER 90
1:12.18 WOODROW BOWERSOCK 80	1:54.14 JACK HOEY 84	1:34.75 WALTER PFEIFFER 94	36:25.28 CHARLES WOOD 85
1:16.82 KELLY LEMMON 80	2:00.27 DON ERION 80	1:34.75 WALTER PFEIFFER 80	50 YD. BACK M E N 85-89
1:18.46 DEXTER WOODFORD 80	2:00.66 SYD HENDY 80	1:36.53 WOODROW BOWERSOCK 80	51.65 JIM PENFIELD 94
1:25.55 JACK MATTINGLY 80	200 YD. BACK M E N 80-84	1:38.51 JACK MATTINGLY 80	51.65 JIM PENFIELD 85
1:26.16 GERSON SOBEL 83	3:34.08 DAVID MALBROUGH 93	1:38.60 WILLIAM GRANT 80	54.58 LEE STARR 85
1:26.52 WILLIAM GRANT 80	3:40.46 WALTER PFEIFFER 80	1:54.99 JESSE COON 83	55.41 WILLIAM MARQUETTE 85
1:28.25 GENE CROSSETT 80	3:48.76 DAVE MALBROUGH 81	1:56.31 CARL THORNBURG 81	58.84 PETER JURCZYK 88
1:29.54 JESSE COON 83	3:50.36 CHARLES SALIE 81	2:06.10 DON ERION 80	59.29 C.SUNDERLAND 85
1:31.40 DAVID MCAFFEE 84	3:57.50 CARL THORNBURG 81	2:25.69 GEORGE POLLOCK 80	1:04.55 DON NEEFE 85
1:32.78 ALLAN SACHS 81	4:02.06 WOODROW BOWERSOCK 80	2:26.73 OTTO HAHN 80	1:05.54 ROLAND VAN LILL 87
200 YD. FREE M E N 80-84	4:05.25 JACK HOEY 84	2:33.66 LARRY HART 82	1:08.22 HARRY JAGGERS 86
2:49.94 KELLY LEMMON 92	4:14.94 SYD HENDY 80	200 YD. I.M. M E N 80-84	1:09.11 JOE KAUFMAN 89
2:54.69 KELLY LEMMON 80	4:18.66 WILLIAM GRANT 80	3:33.66 WALTER PFEIFFER 94	1:26.49 JAMES GREENWOOD 85
2:58.77 DEXTER WOODFORD 80	4:19.77 WALTER SOMPAYRAC 80	3:33.66 WALTER PFEIFFER 80	100 YD. BACK M E N 85-89
3:05.61 WOODROW BOWERSOCK 80	4:25.20 DEXTER WOODFORD 80	3:44.29 JACK MATTINGLY 80	1:54.21 PETER JURCZYK 90
3:16.65 HERBERT HOME 81	50 YD. BRST M E N 80-84	4:07.88 WILLIAM GRANT 80	1:59.43 JIM PENFIELD 86
3:19.57 JACK MATTINGLY 80	41.39 KELLY LEMMON 92	4:18.56 CARL THORNBURG 81	2:04.12 LEE STARR 85
3:21.14 GERSON SOBEL 83	49.35 JAMES PEARCE 80	4:21.29 JESSE COON 83	2:09.98 PETER JURCZYK 88
3:23.43 GENE CROSSETT 80	49.65 DON ERION 80	5:01.19 C.J. HAMILTON 80	2:20.76 JOE KAUFMAN 89
3:24.03 DAVID MCAFFEE 84	49.77 WILLIAM GRANT 80	6:08.74 RICHARD KANE 82	2:26.28 ABE OLANOFF 87
3:27.43 WILLIAM GRANT 80	50.48 FREDERICK HAUFF 82	6:41.33 HENRY STEINBISS 81	2:28.62 DON NEEFE 85
3:31.05 JESSE COON 83	52.42 RAYMOND EDELHOFF 81	400 YD. I.M. M E N 80-84	2:37.66 HARRY JAGGERS 86
500 YD. FREE M E N 80-84	53.65 C.J. HAMILTON 80	7:38.27 WALTER PFEIFFER 94	200 YD. BACK M E N 85-89
8:00.65 DEXTER WOODFORD 94	54.28 WILLIAM MOLLOY 84	7:38.27 WALTER PFEIFFER 80	4:13.75 JIM PENFIELD 93
8:00.65 DEXTER WOODFORD 80	54.48 WOODROW BOWERSOCK 80	8:38.03 JACK MATTINGLY 80	4:29.43 JIM PENFIELD 86
8:54.14 HERBERT HOME 81	56.55 JESSE COON 83	9:10.49 CARL THORNBURG 81	4:33.82 LEE STARR 85
9:09.08 WOODROW BOWERSOCK 80	56.82 GEORGE POLLOCK 80	9:14.88 WILLIAM GRANT 80	4:54.18 JOE KAUFMAN 89
9:18.23 GENE CROSSETT 80	100 YD. BRST M E N 80-84	9:31.73 JESSE COON 83	5:22.15 DON NEEFE 85
9:32.59 JESSE COON 83	1:32.72 KELLY LEMMON 92	10:55.09 C.J. HAMILTON 80	6:19.42 HARRY JAGGERS 86
9:44.09 C.B SUNDERLAND 84	1:45.51 JACK MATTINGLY 80	13:43.04 RICHARD KANE 82	50 YD. BRST M E N 85-89
9:57.88 FRED WALBOLT 81	1:45.59 WALTER PFEIFFER 80	*****	52.09 JIM PENFIELD 93
10:23.60 DOC SCHOFIELD 80	1:54.19 DEXTER WOODFORD 80	50 YD. FREE M E N 85-89	55.07 JIM PENFIELD 86
10:34.33 ANDREW HAAPANEN 83	1:56.30 FREDERICK HAUFF 82	39.47 CLARENCE ROSS 85	59.94 WILLIAM MARQUETTE 85
10:39.45 JAMES MITCHELL 82	1:58.44 DON ERION 80	40.91 C.SUNDERLAND 85	1:09.31 ABE OLANOFF 87
1000 YD. FREE M E N 80-84	2:02.22 CARL THORNBURG 81	41.23 JIM PENFIELD 85	1:21.60 JOHN MAXWELL 85
16:53.27 DEXTER WOODFORD 94	2:02.95 WILLIAM MOLLOY 84	41.37 F.K. BRASINGTON 86	1:35.73 HAROLD HOFFMAN 86
16:53.27 DEXTER WOODFORD 80	2:11.41 RAYMOND EDELHOFF 81	42.42 WILLIAM MARQUETTE 85	1:44.47 DON NEEFE 85
18:24.63 GENE CROSSETT 80	2:11.42 GEORGE POLLOCK 80	46.26 JOHN MAXWELL 85	100 YD. BRST M E N 85-89
18:54.25 WOODROW BOWERSOCK 80	2:11.56 C.J. HAMILTON 80	47.37 ROLAND VAN LILL 87	2:03.10 JIM PENFIELD 93
19:42.35 JACK MATTINGLY 80	200 YD. BRST M E N 80-84	47.60 PETER JURCZYK 88	2:05.71 JIM PENFIELD 85
20:27.02 FRED WALBOLT 81	3:43.98 WALTER PFEIFFER 94	47.84 CHARLES WOOD 85	200 YD. BRST M E N 85-89
21:34.02 JAMES MITCHELL 81	3:43.98 WALTER PFEIFFER 80	48.12 LEE STARR 85	4:34.29 AL KALLUNKI 90
21:40.54 DOC SCHOFIELD 80	4:04.46 JACK MATTINGLY 80	52.15 DON NEEFE 85	5:03.65 JIM PENFIELD 86
21:55.97 LEONARD BRSCO 81	4:11.04 DEXTER WOODFORD 80	100 YD. FREE M E N 85-89	50 YD. FLY M E N 85-89
22:03.34 CARL THORNBURG 81	4:36.78 CARL THORNBURG 81	1:27.45 GUS LANGNER 90	56.03 JIM PENFIELD 93
23:04.37 DONALD LEATHERMAN 82	4:38.91 WILLIAM MOLLOY 84	1:35.92 C.SUNDERLAND 85	56.03 JIM PENFIELD 85
1650 YD. FREE M E N 80-84	4:39.71 EDWARD SLEZAK 80	1:42.22 JIM PENFIELD 85	1:15.00 DON NEEFE 85
27:57.27 DEXTER WOODFORD 94	4:40.49 JESSE COON 83	1:44.47 F.K. BRASINGTON 86	1:25.70 ABE OLANOFF 87
27:57.27 DEXTER WOODFORD 80	4:48.30 DON ERION 80	1:47.46 CHARLES WOOD 85	100 YD. FLY M E N 85-89
29:21.16 WALTER PFEIFFER 80	4:56.99 WILLIAM GRANT 80	1:56.24 ROLAND VAN LILL 87	2:32.32 HERB EISENSCHMIDT92
30:47.06 WOODROW BOWERSOCK 80	5:05.97 GEORGE POLLOCK 80	1:56.56 DON NEEFE 85	NO SWIMMERS
31:11.89 GENE CROSSETT 80	50 YD. FLY M E N 80-84	1:58.60 LEE STARR 85	100 YD. I.M. M E N 85-89
43:23.04 EDWARD SLEZAK 80	40.94 JESSE COON 90	2:01.58 JOHN MAXWELL 85	2:00.04 AL KALLUNKI 90
	43.34 WILLIAM GRANT 80	2:05.43 JOE KAUFMAN 89	2:02.25 JIM PENFIELD 86

TOP TEN

SHORT COURSE YARDS

2:28.48 PETER JURCZYK 88
 3:06.28 DON NEEFE 85
 200 YD. I.M. M E N 85-89
 4:40.51 TOM CURETON 87
 NO SWIMMERS
 400 YD. I.M. M E N 85-89
 9:47.85 HERB EISENSCHMIDT 92
 11:54.79 JIM PENFIELD 85

50 YD. FREE M E N 90-94
 46.53 JOSEPH REINERS 92
 47.35 GUS LANGNER 90
 48.67 JOSEPH REINERS 92
 59.53 ANDREW KALLUNKI 90
 100 YD. FREE M E N 90-94
 1:49.75 GUS LANGNER 93
 1:49.75 GUS LANGNER 90
 2:29.76 ANDREW KALLUNKI 90
 200 YD. FREE M E N 90-94
 3:52.04 GUS LANGNER 93
 3:52.05 GUS LANGNER 90
 5:26.36 A.KALLUNKI 90
 500 YD. FREE M E N 90-94
 10:20.59 GUS LANGNER 93
 10:20.64 GUS LANGNER 90
 1000 YD. FREE M E N 90-94
 28:04.65 PAUL SPANGLER 89
 NO SWIMMERS

1650 YD. FREE M E N 90-94
 35:31.28 GUS LANGNER 93
 35:31.28 GUS LANGNER 90
 50 YD. BACK M E N 90-94
 1:07.14 ANDREW KALLUNKI 94
 1:07.14 A.KALLUNKI 90
 1:10.40 GUS LANGNER 90
 100 YD. BACK M E N 90-94
 2:34.40 ANDREW KALLUNKI 94
 2:34.40 A.KALLUNKI 90
 200 YD. BACK M E N 90-94
 6:40.23 TONY LOPEZ 90
 NO SWIMMERS

50 YD. BRST M E N 90-94
 1:08.24 ANDREW KALLUNKI 94
 1:08.24 ANDREW KALLUNKI 90
 1:12.34 GUS LANGNER 90
 1:14.92 JOSEPH REINERS 92
 100 YD. BRST M E N 90-94
 2:49.10 ANDREW KALLUNKI 94
 2:49.10 A.KALLUNKI 90
 200 YD. BRST M E N 90-94
 6:00.90 ANDREW KALLUNKI 94
 6:00.90 A.KALLUNKI 90
 100 YD. I.M. M E N 90-94
 2:52.32 ANDREW KALLUNKI 94
 2:52.32 ANDREW KALLUNKI 90

50 YD. FREE M E N 95-99
 1:14.35 TOM LANE 90
 NO SWIMMERS
 100 YD. FREE M E N 95-99
 3:20.38 TOM LANE 90
 NO SWIMMERS
 50 YD. BACK M E N 95-99
 1:08.20 TOM LANE 89
 NO SWIMMERS
 100 YD. BACK M E N 95-99
 3:05.81 TOM LANE 92
 NO SWIMMERS
 50 YD. BRST M E N 95-99
 1:27.94 TOM LANE 89
 NO SWIMMERS

TOP TEN

SHORT COURSE YARDS

*****	ROCKY MOUNTAIN	1:42.37	KAREN FARNSWORTH	38	SUSAN MUNN	55
RELAYS: WOMEN 200 YD. FREE	JACKIE COLLINS	32	VIRGINIA	1:52.43	GAYLE BONDURANT	47
*****	SHARI HARDEN	27	LINDA FOURNIER	37		
19 +	AMY KNOTT	26	JEANNE CROUSE	35	55 +	
R:HOLMES LUMBER 92	SHEIL ARREDONDO	29	TERRY GAULT	43	R:NEW ENGLAND 94	2:11.76
KIMBERLY BEATTIE	ARIZONA	1:42.87	LISA BENNETT	38	SUSAN LIVINGSTON	
MARY ROEBUCK	LORI SCHMIDT	31	MARYLAND	1:53.56	DIANE REED	
LINDA NEARY	SANDY HARFIELD	30	PAT GADD	37	CLAIRE O'BRIEN	
SUDI MILLER	MONICA BAILEY	33	ELAINE FINCHAM	39	CLARA WALKER	
HOUSTON	REBECCA MAJOR	30	MARGE BURLEY	48	NEW ENGLAND	2:11.76
STACY JONES	EL SEGUNDO	1:42.96	SUSAN MARINZEL	41	SUSA LIVINGSTON	55
KAREN JACOBSON	MICHELLE DOKTER	30	MINNESOTA	1:54.09	DIANE REED	63
SHERRI WELDON	SUE MOUNT	25	SARAH EICHER	37	CLAIRE O'BRIEN	55
BRIGITTE HEUER	THERES CONNELLY	25	MICHELE DEVITT	37	CLARA WALKER	67
ARIZONA	AIMEE BERZINS	26	M.BETH WINDRATH	41	RINCONADA	2:13.54
HEATHER REAGAN	MARYLAND	1:43.72	KATHY KENAL	40	ANN KAY	60
CHERIE TAYLOR	SUZIE FISCH	25	WEST HOLLYWOOD	1:54.37	SUSAN SPRINGER	55
STACY COSTA	DEBORAH ZIMIC	32	KAREN MELICK	36	BOBBIE CALLISON	61
SARAH ANDERSON	KRISTEN CORBETT	28	ERIN CHILDS	36	CAROL MACPHERSON	55
U OF SAN FRAN	ZENA HERRMANN	34	PHRABC GOTTLIEB	36	SAN DIEGO	2:14.37
JENNY TOTEN	VIRGINIA	1:43.76	MORRI SPANG	37	JEANNE LITTLE	57
CYNTHIA HINSHAW	CLAI BOLEK	30			ADRIENNE PIPES	59
PAM FRANKLIN	ROBIN HAMPTON	27	45 +		DUDLEY WOOD	56
KATIE WELCH	PAULA JONES	25	R:LOS ALTOS 94	1:53.98	BETSY JORDAN	57
MICHIGAN	ALICE PHILLIPS	28	ARLENE PROEBSTING		WALNUT CREEK	2:23.54
ANN BOLLINGER	SOUTHERN CAL	1:43.98	SUSAN ROY		DONNA MONROE	60
JULIE MASTER	ALEXAN MIDDGAUGH	29	KRISTINA KING		ANN PISCIOTTA	63
ELIZABETH CURVEY	SARAH TURNER	32	CAROLYN BOAK		JOAN ALEXANDER	62
MARY MUETING	PAM LAZZAROTTO	32	LOS ALTOS	1:53.98	BARBARA JORDAN	56
ST.LOUIS	LISA CHANG	26	ARLE PROEBSTING	51	ROCKY MOUNTAIN	2:29.92
LORI PAYNE	CONN	1:44.12	SUSAN ROY	46	PEGGY BUCHANNAN	61
CHRISTINE KOENIG	LIZ HOBBS	32	KRISTINA KING	46	DENA MANN	62
SUSAN RICHMOND	JENNIFER KEOGH	30	CAROLYN BOAK	49	JODY ANDERSON	64
MARY GRACE HUBER	JILL LEMONE	27	LINCOLN	1:56.35	LOUISE MANN	66
HEARTLAND	SHEILA MORTELL	32	MARY POHLMANN	49	NEW ENGLAND	2:33.44
VICKY DAVIDSON	EVANSTON	1:44.37	BETTY BENNETT	50	DONNA EDELBAUM	60
KELLI DOLE	ADRIENNE HAMPO	29	IRENE DAVID	50	JOAN MCINTYRE	65
PATTY STARKS	KAREN SCHOENHALIS	26	COLLEEN MALMEN	50	BILLIE BURRILL	73
HEATH WOLFENDEN	JULIE MULLINS	26	ARIZONA	1:58.60	MARIAN COAKLEY	56
SOUTHERN CAL.	BECKY HELLER	30	JANET GETTLING	45	SPM	2:36.23
JEANIE CHICK			KATHY KRUCKER	45	BARBARA ALLEN	60
AMANDA HARRIS	35 +		JUDY GILLIES	46	J.G. PIPER	57
CINDY LICHTMAN	R:NEW ENGLAND 92	1:43.16	KENDIS DRAKE	45	M.LOU MITCHELL	63
LESLIE EVERS	JOEL FELDMAN		OREGON	2:06.53	KATE KNIGHT-PERRY	58
WALNUT CREEK	SUE TENDY		SANDI ROUSSEAU	46	U OF SAN FRAN	2:40.84
PAMEL BOSCOVICH	JENNY LUKER		PAM HIMSTREET	50	MARY ALLEN	61
KAREN HEARD	GAYLE WETTACH		PEGGY WHITER	56	TANAKO HAGIWARA	55
DEBBIE BARBARA	NEW ENGLAND	1:47.08	GINGER PIERSON	48	ILA CHALE	55
SUSAN DUNCAN	CONSTAN HALLETT	35	SAN DIEGO	2:07.43	GAIL ROPER	64
SAN DIEGO	TRACY GRILLI	37	DEBORAH PECKHAM	54	RALEIGH AREA	2:50.92
MELINDA HANLEY	KARLA BLACK	38	FRANCESCA DRUM	52	ALICE JONES	55
COLLEEN MIHELIC	JOEL FELDMANN	42	PEGGY LEONG	49	DAWN STROUPE	55
NICOLE RESSLER	SAN DIEGO	1:48.34	BARBARA DUNBAR	45	SANDRA KREMER	57
SABRINA LUM	SHIRLEY HILL	35	ST.PETE	2:08.39	GERRY SPEAKER	56
EMPIRE STATE	CATHY NEVILLE	36	JAYNE LAMBKE	54	HEARTLAND	2:58.87
KATHERINE ALBIN	KAREN SING	37	LESLIE TREAT	45	NANCY REED	66
KATHERINE BAIN	SALLY KARRASCH	41	ELAINE BROMWICH	51	JUDY TILARO	58
CHERYL KUPAN	WALNUT CREEK	1:49.19	ANNE PAGE	45	ELFRIEDE LEHTO	61
JOANNE WRIGHT	PATTY LANDERS	37	ROCKY MOUNTAIN	2:09.32	TRISH HUNTER	60
	CATHY COOLEY	36	JEAN WOOD	46		
25 +	DEBBI FLANSBURG	38	J MURPHY-SHERMAN	49	65 +	
R:LONE STAR 89	MINDY HAMWAY	35	JUDY REED	50	R:SANTA BARBARA 89	2:24.64
LISA JACKSON	MARYLAND	1:50.67	KAY SHRAITBERG	48	SHIRLEY ERICKSON	
BRIGITTE HEUER	JOANNE KANE	37	NEW ENGLAND	2:09.57	GRACE ALTUS	
L.MORRISON-CASEY	KATHERINE BRANCH	36	SUSAN MAGUIRE	45	DOROTHY LA CHASSE	
AMY PLESS	MARTI BETZ	44	AAGJE CARON	52	RUTH BAAR	
SAN DIEGO	JILL SPRINGER	35	PAT PETERSEN	59	WALNUT CREEK	2:39.69
KARLYN PIPES	GIMSA	1:50.77	SUE TENDY	45	ELFRIEDE ROGERS	66
BETH KNIGHT	SHARON WISE	47	SOUTHERN CAL	2:12.07	BETTY MCMILLAN	65
TRISH SEUBERT	SALLY HASBROOK	45	DIANA TODD	50	JAE HOWELL	71
MATHILDE BOUWMA	MARY ANN STEVENS	40	DOT HENNE	45	BETTY BARABASH	65
WALNUT CREEK	JEAN TRACY	39	SANDY YOUNG	46	ARIZONA	2:46.11
LIZ SCHEETZ	EMPIRE STATE	1:52.31	PEGGY CRAMER	53	MARIAN WOLLE	66
MICHEL GHIGGERI	JILL FRIEDMAN	37	DAVIS AQUATIC	2:14.67	KATY BURRELL	65
PAULA ROEMER	FRAN HARE	43	PATTI GAY	64	JO LACY	76
WENDY INGRIHAM	GWEN DEELY	44	BETTY DUGAN	52	NANCY MACBETH	65

TOP TEN

SHORT COURSE YARDS

C1776	2:47.25	HEARTLAND	1:58.12	MAUREEN MENDOZA	33	MARY POLLMANN	
CAROLYN DERR	66	VICKY DAVIDSON	29	EL SEGUNDO	1:57.56	BETTY BENNETT	
FAY BECK	67	SUZANNE SCHMITZ	29	DI GRANER GALLAS	30	IRENE DAVID	
MARY WIXTED	72	PATTY STARKS	34	MICHELLE DOKTER	30	COLEEN MALMEN	
JEANNE MERRYMAN	71	HEATH WOLFENDEN	24	SUE MOUNT	25	LINCOLN	2:12.15
OJAI	2:50.90	MICHIGAN	1:58.79	AIMEE BERZINS	26	MARY POHLMANN	49
GRACE ALTUS	70	ANN BOLLINGER	24	WOODSIDE HILLS	1:58.07	BETTY BENNETT	50
RUTH BAAR	71	JULIE MASTERS	26	SUSAN PORTER	31	IRENE DAVID	50
MAGGIE MORS	68	MARY MUETING	29	LISA SHEEPER	30	COLLEEN MALMEN	50
PEGGY SANBORN	66	ELIZABETH CURVEY	25	NANCY LEWIS	34	OREGON	2:23.12
HOLMES LUMBER	2:53.05	SOUTHERN CAL	1:59.24	KASS OHRINER	33	GINGER PIERSON	48
JEAN BEERS	71	SARAH TURNER	32	ARIZONA	1:58.91	PAM HIMSTREET	50
JUNE REYNOLDS	72	DIANNA TATE	33	MARY KAIN	25	SANDI ROUSSEAU	46
GERTRUD ZINT	76	CINDY LICHTMAN	30	H.ALONSO-PIMENTEL	31	PEGGY WHITER	50
M.R. NEWMAN	70	AMANDA HARRIS	22	RANE SMITH	29	SAN DIEGO	2:23.25
ROCKY MOUNTAIN	3:08.10	C1776	1:59.91	BECKI MAJOR	30	PEGGY LEONG	49
FRANCES HOLMES	66	SUSAN FLYNN	31	35 +		FRANCESCA DRUM	52
CATHY WRENN	67	APRIL LONG	34	R:S CAL	93 1:57.52	BARBARA DUNBAR	45
ELLA CARMICHAEL	70	AMY SCHMIDT	25	BONNIE ADAIR		DEBORAH PECKHAM	54
LUELLA HEATH	74	SUSAN LUCAS	23	KAREN MELICK		ROCKY MOUNTAIN	2:26.58
O*H*I*O MASTERS	3:11.36	SAN DIEGO	2:00.91	DIANA TODD		JUDY REED	50
SYLVIA HILL	72	SABRINA LUM	22	TERESA HOLLEY		J MURPHY-SHERMAN	49
RUTH WUNDERLICH	75	MELINDA HANLEY	23	WALNUT CREEK	1:59.53	JEAN WOOD	46
MARY CULHANE	72	NICOLE RESSLER	23	PATTY LANDERS	37	KAY SHRAIBERG	48
BETTY JANE RUSS	66	SMITS VAN OYEN	23	CATHY COOLEY	36	SPM	2:26.97
U OF SAN FRAN	3:20.07	EMPIRE STATE	2:01.24	DEBBI FLANSBURG	38	ELAINE BROMWICH	51
ANNA RECCHIA	71	KATHERINE BAIN	22	MINDY HAMWAY	35	LESLIE TREAT	45
MARY GREER	70	CHERYL KUPAN	29	LAKESIDE	2:00.83	JAYNE LAMBKE	54
SARAH DAVIS	70	JOANNE WRIGHT	22	JEAN RUEFF	36	ANNE PAGE	45
MARGARET VORHEES	65	MIKO MCGINTY	23	PAM MARTIN	36	NEW ENGLAND	2:29.23
DC MASTERS	3:44.22	MARYLAND	2:02.12	A.WRIGHT-BELKNAP	43	SUSAN MAGUIRE	45
RUTH THORSEN	73	DEBBIE SANSONE	24	MELINDA SCHMITT	35	AAGJE CARON	52
MARY LATHRAM	78	JAMIE GORSKI	33	SOUTHERN CAL	2:01.05	SUE TENDY	45
HEDY PULLMAN	82	LAURI CAMMARATA	30	BONNIE ADAIR	41	PAT PETERSEN	59
ANNE WALKER	78	LINDA LEPEAK	29	TERESA HOLLEY	40	ARIZONA	2:37.71
OREGON	4:01.35	25 +		DIANA TODD	50	KATHY KRUCKER	45
ELFIE STEVENIN	72	R:HOUSTONIAN	91 1:49.19	DIANE DAGOSTA	37	JUDY GILLIES	46
JUDY MELCHER	73	TORI SMITH		NEW ENGLAND	2:02.12	SALLY BOLAR	54
HELENA HOFFMAN	78	CORRIN CONVIS		JOEL FELDMANN	42	LUCY MITCHELL	45
PAULINE STANGEL	72	DEBBIE RISEN		KIM GOODWIN	36	DAVIS AQUATIC	2:39.48
		BRIGITTE HEVER		CONSTAN HALLETT	35	SUSAN MUNN	55
75 +		ROCKY MOUNTAIN	1:51.37	KARLA BLACK	38	GAYLE BONDURANT	47
R:D.C. MASTERS	94 3:21.12	SHELLE BOTTA	28	SAN DIEGO	2:02.96	PATTI GAY	64
ANNE WALKER		SHEIL ARREDONDO	29	KAREN SING	37	BETTY DUGAN	52
MARY LATHRAM		ELLEN ATKINSON	31	MARY GREGORIO	41	MARYLAND	2:39.62
JEAN CHENAUX		AN PETTIS SCOTT	31	CATHY NEVILLE	36	KATHRYN GREGORY	48
NANCY CLARK		WALNUT CREEK	1:53.96	SALLY KARRASCH	41	CAROL ROUSE	51
DC MASTERS	3:21.12	PAMEL BOSCOVICH	31	MARYLAND	2:04.00	FRANCES WESTON	54
ANNE WALKER	78	LIZ SCHEETZ	26	KATHERINE BRANCH	36	KAREN WILLIAMS	46
MARY LATHRAM	78	SUSAN DUNCAN	28	DEBORAH DUDAS	36	ACME	2:39.83
JEAN CHENAUX	80	WENDY INGRIHAM	30	JILL SPRINGER	35	MAUREEN KENSICK	52
NANCY CLARK	79	SAN DIEGO	1:54.57	JOANNE KANE	37	CAROL SCHMIDT	47
*****		KARLYN PIPES	32	GIMS	2:05.49	DIANNE SHERWOOD	53
RELAYS: WOMEN 200 YD. MEDLEY		DIANE HOTZ	31	MARY ANN STEVENS	40	COLLEEN MALMEN	50
*****		TRISH SEUBERT	25	SALLY HASBROOK	45	55 +	
19 +		BETH KNIGHT	34	SHARON WISE	47	R:RINCONADA	94 2:27.91
R:RALEIGH	92 1:52.20	SOUTHERN CAL	1:55.55	JEAN TRACY	39	ANN KAY	
COURTNEY SEARCY		LESLIE EVERS	30	VIRGINIA	2:06.44	CAROL MACPHERSON	
LISA BROWN		LISA CHANG	26	TERRY GAULT	43	BARBARA CALLISON	
SHELLIE JOANIS		PAM LAZZAROTTO	32	LISA BENNETT	38	SUSAN SPRINGER	
JILL BENDA		ALEXAN MIDDLEAUGH	29	DIANE CAYCE	38	RINCONADA	2:27.91
HOUSTON	1:53.62	VIRGINIA	1:56.60	LINDA FOURNIER	35	ANN KAY	60
STACY JONES	28	ROBIN HAMPTON	27	MARYLAND	2:06.99	CARO MACPHERSON	55
BRIGITTE HEUER	33	ALICE PHILLIPS	28	BONNIE JOHNSTON	42	BARBAR CALLISON	61
KAREN JACOBSON	27	MOLLY DEAN	28	MARGE BURLEY	48	SUSAN SPRINGER	55
SHERRI WELDON	23	CLAI BOLEK	30	ELAINE FINCHAM	39	SAN DIEGO	2:30.11
ARIZONA	1:57.42	MARYLAND	1:56.84	SUSAN MARINZEL	41	BETSY JORDAN	57
MONICA BAILEY	32	ZENA HERRMANN	34	MINNESOTA	2:10.51	ADRIENNE PIPES	59
STACY COSTA	24	DEBORAH ZIMIC	32	MICHELE DEVITT	37	JEANNE LITTLE	57
DIANNE WYGAL	27	KRISTEN CORBETT	28	SHERRY PAGE	36	DUDLEY WOOD	56
SARAH ANDERSON	23	SUZIE FISCH	25	M.BETH WINDRATH	40	WALNUT CREEK	2:35.28
WALNUT CREEK	1:57.62	LONG BEACH	1:56.88	KATHY KENAL	40	BARBARA JORDAN	56
PAULA ROEMER	33	SHERRY GAERTNER	30	45 +		ANN PISCIOTTA	63
KAREN HEARD	23	JILL KEENAM	25	R:LINCOLN	94 2:12.15	JOAN ALEXANDER	62
KATHY BROWN	34	STEPH MUNATONES	29			DONNA MONROE	60
MICHEL GHIGGERI	25						

TOP TEN

SHORT COURSE YARDS

NEW ENGLAND	2:35.41	LEE HOLM	79	ELAINE FONG	36	DIANE RAGALIE	41
SUSA LIVINGSTON	55	OREGON	4:41.90	GOLD COAST	4:31.55	VIVIAN YOUNG	38
DONNA EDELBAUM	60	PAULINE STANGEL	72	ANITA ALLEN	40	KATHLEEN RODERER	38
CLAIRE O'BRIEN	55	JUDY MELCHER	73	SHELLY MICKA	24	DIANE BARRY	35
CLARA WALKER	67	ELFIE STEVENIN	72	LISA SHOPE	35	EMPIRE STATE	4:40.68
SAN DIEGO	2:52.87	HELENA HOFFMAN	78	DEBBIE LAKE	30	DARYN ELLER	35
S.B RITTENHOUSE	55	ATOM MASTERS	4:54.78			MARTA JOHNSON	38
ALICIA COLEMAN	68	MARGARET HAGERTY	70	25 +		P.ROBISON	38
JANET LAMOTT	57	VIRGINIA WILLIAMS	73	R:WALNUT CREEK	91 3:37.75	GWEN DEELY	44
BOBBI TURCOTTE	66	ELAINE POUERIE	68	CAREN LEWIS		C1776	4:54.42
NEW ENGLAND	2:56.09	JEAN COOK	75	PAULA KOGNER		P.TIMMINS	40
JOAN MCINTYRE	65			WENDY INGRAHM		SINCLAIR BROWN	40
MARIAN COAKLEY	56	75 +		SARA SHAND		LOIS SUNFLOWER	40
DIANE REED	63	R:WALNUT CREEK	93 3:47.25	C1776	3:52.00	LAURE FEINBERG	37
BILLIE BURRILL	73	FRIEDA SIDORSKY		JANNA VAHOVICH	31	EVANSTON	4:58.57
ROCKY MOUNTAIN	2:56.24	SALLY JOY		DEBRA KURUCZ	32	CAROL TAGGART	44
DENA MANN	62	MARY JAN REEVES		ALYSON CHICK	31	JODY BATY	41
PEGGY BUCHANAN	61	JEAN DURSTON		BRENDA BARTLETT	33	NANCY BACKAS	38
JODY ANDERSON	64	DC MASTERS	3:57.46	DURHAM AQUATIC	3:57.20	G.JOHNSTON	39
LOUISE MANN	66	MARY LATHRAM	78	WENDY GILMAN	27	WEST HOLLYWOOD	5:02.80
ST.PETE	3:00.68	JEAN CHENAUX	80	SHEREEN BARRY	31	JESSICA SEATON	40
BARBARA ALLEN	60	ANNE WALKER	78	PAMELA LINDROOS	28	KATHY HIX	38
J.G. PIPER	57	NANCY CLARK	79	LISA NADLER	35	ERIN CHILDS	35
KATE KNIGHT-PERRY	58	*****		ARIZONA	4:03.18	KATHY CONTE	47
M.LOU MITCHELL	63	RELAYS: WOMEN 400 YD. FREE		H.ALONSO-PIMENTEL	31	GOLD COAST	5:10.91
LAKESIDE	3:02.59	*****		SUSAN REID	27	M SANFORD	51
MARY JANE MULLINS	62	19 +		RANE SMITH	29	RORIE ANDERSON	43
JOYCE VOIT	59	R:U OF SAN FRAN	93 3:46.29	MARY KAIN	25	LIL HANEMAN	39
CAROL FERGUSON	62	JENNY TONOT		C1776	4:04.34	B.EDELMAIER	47
MARY ANN STONE	60	CYNTHIA HINSHAW		PATTY LYNCH	32	RALEIGH AREA	5:11.09
DC MASTERS	3:03.65	JANET HAUER		LOUISE BUCKLEY	27	KRYSTI HAMLIN	41
MARY LATHRAM	78	BRENDA WICKLUND		DIANE MUNTZER	31	CHRIS SIEGEL	37
JOANN LEILICH	55	ARIZONA	3:50.32	MARtha BENT	34	JANE HARPER	41
BARBAR ZAREMSKI	56	SARAH ANDERSON	23	WEST HOLLYWOOD	4:07.22	NANCY KITCHENER	42
ANNE WALKER	78	MONICA BAILEY	32	ANDREA DEVUONO	31	OMAHA	5:17.84
		BECKI MAJOR	30	KATHLEEN WALSH	33	ERIN SULLIVAN	36
65 +		DIANNE WYGAL	27	E HALOUZKA	29	LORI CASSLING	36
R:SANTA BARBARA	89 2:55.36	EMPIRE	3:57.15	AMY DANTZLER	29	MARIANA PHIPPS	49
DOROTHY LA CHASSE		ASHLEY MARSH	22	SOUTHERN CAL	4:08.23	CAROL GEBHARD	35
SHIRLEY ERICKSON		MICHELE HUYETTE	25	LEZLIE GRUENLER	30	EVANSTON	5:20.60
GRACE ALTUS		JENNIFER JACOBS	25	DIANE DAGOSTA	37	THERESA MELROY	35
RUTH BAAR		KAREN FARNSWORTH	38	SHANNON SULLIVAN	39	CARMINE CALLOBRE	37
WALNUT CREEK	3:03.16	ARIZONA	4:05.96	BONNIE ADAIR	41	HENRIETTA BERNING	60
BETTY MCMILLAN	65	CHERIE TAYLOR	24	EVANSTON	4:10.42	NANCY SANDS	42
JAE HOWELL	71	LORI SCHMIDT	31	JENNY LENHART	28		
ELFRIEDE ROGERS	66	LAURA ANNING	25	SARAH CREWE	32	45 +	
BETTY BARABASH	65	CYNTHIA HAMLIN	24	KAREN SCHOENHALS	25	R:DC MASTERS	93 4:21.71
OJAI	3:04.27	ARIZONA	4:06.00	ADRIENNE HAMPO	29	RUTH BENNETT	
PEGGY SANBORN	66	JANELL BATT	23	PIEDMONT	4:12.13	BARBARA FRID	
MAGGIE MORS	68	ASHLEY CADDEL	20	RACHEL ZIESK	35	ANN SVANSON	
GRACE ALTUS	70	TRACI HERING	23	STEPHANIE FOLEY	34	ANN LYTTLE	
RUTH BAAR	71	LAYNE SAUER	22	SUE NADER	30	ARIZONA	5:08.02
C1776	3:09.54	RALEIGH AREA	4:10.56	BETH HARRELL	34	LUCY MITCHELL	45
JEANNE MERRYMAN	71	LINDSAY NATA	20	RALEIGH AREA	4:15.87	KATHY KRUCKER	45
MARIANNA HAGAN	65	TIA PARDUE	23	DAWN REYNOLDS	32	SALLY BOLAR	54
CAROLYN DERR	66	MARGARET FULLER	25	JANE HARPER	40	JUDY GILLIES	46
FAY BECK	67	ANDREA COUCOULAS	24	BARBARA BRASWELL	42	RALEIGH AREA	5:39.67
HOLMES LUMBER	3:22.20	ARIZONA	4:13.40	P.DAUGHERTY	27	ALICE JONES	55
M.R. NEWMAN	70	ANNIE SAWICKI	30	LACROSSE	4:27.04	DAWN STROUPE	55
GERTRUD ZINT	76	TAMARA BIRCH	23	KATHY STEHLY	29	CEIL BLACKWELL	53
JUNE REYNOLDS	72	NICLOE ZITTA	21	MARY BETH DUNLEVY	30	SALLY NEWELL	56
JEAN BEERS	71	PEGGY HICKMAN	26	EILEEN KIRSCH	33	OJAI	6:22.33
O*H*I*O MASTERS	3:34.89	VENICE MASTERS	4:15.24	SUSAN KROGMAN	35	CAROLE BORLAND	50
RUTH WUNDERLICH	75	LARA FORMAN	24			C SPRACKLIN	49
MARY CULHANE	72	MEREDITH TAKARA	24	35 +		KITTY JOHNSTON	51
BETTY JANE RUSS	66	NELL REGAN	23	R:LOS ALTOS	89 4:06.91	LESLIE OGDEN	46
SYLVIA HILL	72	TERI ELLIS	25	C.FERRIS-JOHNSON		MCM	6:54.01
VMST	4:28.20	NASA	4:25.44	THERESA HESSLER		HAE-YUNG POPKIN	53
VICTORIA HARRIS	74	HEATHER RIDGE	28	LAURA VAL		LOIS BARNES	62
MARIE KELLEHER	81	LYNN MARQUEZ	24	KATHY GRIGGS		MARY LEE WATSON	72
E.WOLENBERG	73	HEATHER WINIECKI	23	C1776	4:24.72	BARBARA DILLARD	55
HELEN NEWBOLD	70	LAURA TEVEN	28	M.KILGARIFF	36		
PNA	4:31.44	ALHAMBRA MASTER	4:28.10	F.RUTHERFORD	39	55 +	
MUELLER	82	KERRI NAUFUL	36	MARY BETH NIXON	35	R:WALNUT CREEK	93 5:23.15
MARYAN BURKE	68	JAIMI LUMBERT	34	C.SCHROEDER	44	ANN PISCIOTTA	
MAXINE CARLSON	74	SUSAN HUMMER	24	EVANSTON	4:33.74	JOAN ALEXANDER	

TOP TEN

SHORT COURSE YARDS

DONNA MONROE		MONICA BAILEY	32	GCMT	4:58.27	ANN LYTTLE	
BARBARA JORDAN		STACY COSTA	24	DIANE CRAWFORD	27	RUTH BENNETT	
SAN DIEGO SWIM	5:31.70	DIANNE WYGAL	27	TAMMY BISCHOFF	32	JOANN LEILICH	
BETSY JORDAN	57	BECKI MAJOR	30	ANNE OKEEFE	34	ARIZONA	6:44.31
JEANNE LITTLE	57	SANTA CLARA	4:49.92	K.A RICHARDSON	26	KATHERINE BURRELL	65
ADRIENNE PIPES	59	JENNIFER MOORE	30	GCMT	4:59.43	C.BOWERS	45
ANN DALLAM	63	DEE HAYNIE	39	SARAH TRACE	31	M.CAMPBELL	45
CONN	5:54.88	EVE WALTON	32	ANDREA PALMER	34	RITA SATTAZAHN	47
MARGIT JEBE	55	ALISON BENKE	22	THERESA MILLER	39	OJAI	7:03.76
SUZANNE GRAHAM	67	VENICE MASTERS	4:53.96	SUSAM WILSON	37	C SPRACKLIN	49
JOAN CAMPBELL	64	TERI ELLIS	25	ROSE BOWL	5:01.79	GAY COLLINS	63
RONNIE KAMPHAUSEN	60	MEREDITH TAKARA	24	KRISTIN LEWIS	35	ISSA AINSWORTH	47
OJAI	6:00.98	LARA FORMAN	25	CAROL MCHALE	29	KATINA CHILDRESS	46
GAY COLLINS	63	TAMI ELLIS	26	SHARON BLAHA	33		
JAN RAINS	60	ARIZONA	4:56.47	LISA SEARCY	33	55 +	
MALCHIA OLSHAN	62	CYNTHIA HAMLIN	24			R:RINCONADA	94 5:54.84
RUTH FARNHAM	64	LAURA ANNING	25	35 +		ANN KAY	
ARIZONA	6:43.08	CHERIE TAYLOR	24	R:WALNUT CREEK	94 4:32.96	CAROL MACPHERSON	
SHIRLEY MCFARLAND	58	LORI SCHMIDT	31	PATTY LANDERS		BOBBIE CALLISON	
FRAN NERGARD	63	ARIZONA	4:56.80	DIANE HEINSON		SUSAN SPRINGER	
NANCY MACBETH	65	LAYNE SAUER	22	DEBBIE FLANSBURG		RINCONADA	5:54.84
CHAISSON STEWARD	55	AMY O'BRIEN	22	CHRIS SILVA		ANN KAY	60
		TRACI HERING	23	WALNUT CREEK	4:32.96	CAROL MACPHERSON	55
65 +		JANELL BATT	23	PATTY LANDERS	37	BOBBIE CALLISON	62
R:SANTA BARBARA	89 5:32.88	ARIZONA	5:00.41	DIANE HEINSON	38	SUSAN SPRINGER	55
SHIRLEY ERICKSON		PEGGY HICKMAN	26	DEBBIE FLANSBURG	38	SAN DIEGO SWIM	6:26.40
GRACE ALTUS		ANNIE SAWICKI	30	CHRIS SILVA	36	BETSY JORDAN	57
RUTH BAAR		NICLOE ZITTA	21	MOUNTAIN VIEW	4:58.56	ADRIENNE PIPES	59
DOROTHY LA CHASSE		ANDREA SKINNER	26	LISA AKERMAN	35	JEANNE LITTLE	57
C1776	6:09.60	ARIZONA	5:13.49	SUSAN FODEN	41	ANN DALLAM	63
FAY BECK	67	SUNNY WEBB	21	MO CHAMBERS	35	CONN	6:28.78
JEANNE MERRYMAN	71	CAROL BRANDON	32	JULIE PAQUE	35	RONNIE KAMPHAUSEN	60
MARY WIXTED	72	JAMIE KING	43	C1776	4:58.58	JOAN CAMPBELL	64
CAROLYN DERR	66	KATHRYN NELSON	27	M.KILGARIFF	36	NANCY PHILLIPS	72
OJAI	6:40.88			F.RUTHERFORD	39	MARGIT JEBE	55
PEGGY SANBORN	66	25 +		AMY GRACE	35	C1776	6:31.44
ELEANOR BROWN	67	R:U OF SAN FRAN	92 4:09.85	C.SCHROEDER	44	E.KRUPKA	56
GRACE ALTUS	70	JILL ROTHKOPF		RINCONADA	4:58.67	JANET MOELLER	59
RUTH BAAR	71	BETHANNE LAMBERT		MARIANNE BREMS	44	P.TULLMAN	57
		LORETTA SOFFE		MANETTE STRINGER	41	BARBARA JOHNSON	61
75 +		KELLY ASPLUND		REBECCA PINTO	39	U OF SAN FRAN	7:03.21
R:D.C. MASTERS	94 7:24.14	U OF SAN FRAN	4:14.35	JUDITH SCHWARTZ	39	ILA CHALE	55
NANCY CLARK		JILL ROTHKOPF	27	SAN DIEGO SWIM	5:01.16	TANK HAGIWARA	55
MARY LATHRAM		JANET HAUER	25	KAREN SING	37	GAIL ROPER	64
JEAN CHENAUX		CORY NUGENT	30	ELIZABETH PALMER	36	MARY ALLEN	61
ANNE WALKER		LORETTA SOFFE	27	CATHY NEVILLE	36	OJAI	8:15.54
DC MASTERS	7:24.14	STANFORD	4:15.78	JULIE ROMAINE	36	SHIRLEY BAIRD	63
NANCY CLARK	79	MARTIE MCKINNEY	29	U OF SAN FRAN	5:01.98	RITA MAY	58
MARY LATHRAM	75	EILEEN WALL	36	DIANE GARCIA	42	MALCHIA OLSHAN	63
JEAN CHENAUX	80	C.CHICHESTER	30	CATHY HUANG	38	RUTH FARNHAM	64
ANNE WALKER	78	DANIELLE OGIER	42	LINDA STANLEY	35		
*****		ARIZONA	4:19.85	PHYLLIS QUINN	38	65 +	
RELAYS: WOMEN 400 YD. MEDLEY		SHAWNA BOHN	30	WALNUT CREEK	5:13.72	R:SANTA BARBARA	89 6:47.55
*****		SARAH BENNETT	34	MINDY HAMWAY	35	DOROTHY LACHASSE	
19 +		SUSAN REID	27	ANNE BERBERI	38	SHIRLEY ERICKSON	
R:U OF SAN FRAN	94 4:06.73	KERRY EGGAR	27	KAREN REILLY	40	GRACE ALTUS	
KATIE WELCH		ARIZONA	4:43.49	JULIE MCKINLEY	36	RUTH BAAR	
JENNY TONON		CAROLE FUNK	33	COLONIALS 1776	5:16.65	C1776	7:04.02
PAM FRANKLIN		H.ALONSO-PIMENTEL	31	C.SCHROEDER	44	JEANNE MERRYMAN	71
CYNTHIA HINSHAW		LISA SARTORI	28	MARY BETH NIXON	35	MARIANNA HAGAN	65
U OF SAN FRAN	4:06.73	RANE SMITH	29	PATRICIA TIMMINS	39	MARY WIXTED	72
KATIE WELCH	24	ARIZONA	4:51.01	LAURE FEINBERG	37	CAROLYN DERR	66
JENNIFER TONON	24	MARIKA JOHNSON	31	GCMT	5:23.12	WALNUT CREEK	7:24.02
PAM FRANKLIN	24	C.HATCH	25	LAURA SCHAFFER	35	ELFRIEDE ROGERS	65
CYNTHIA HINSHAW	24	TRACY ZIMMER	28	BOBBIE CORLEY	37	JAE HOWELL	71
C1776	4:20.28	SANDY HATFIELD	30	KAREN IRVINE	37	BETTY MCMILLAN	65
SUSAN FLYNN	31	MANATEE AQUATIC	4:54.86	BARBARA SHAW	37	BETTY BARABASH	65
APRIL LONG	34	DESS ALDREDGE	28	ARIZONA	5:28.16	OJAI	7:51.55
SUSAN LUCAS	23	PAM WOLF	41	LINDA YOUNG	39	PEGGY SANBORN	66
BRENDA BARTLETT	33	RUTH SHAPS	46	JOLYNN BRICKER	40	MAGGIE MORS	68
WALNUT CREEK	4:22.89	SUZANNE DEVILBISS	28	DENNISE SCOTT	40	GRACE ALTUS	70
PAMELA BOSCOVICH	31	C1776	4:56.79	JONELLE SCHMIDT	43	ELEANOR BROWN	68
KAREN HEARD	23	PATTY LYNCH	32				
PAULA ROEMER	33	LOUISE BUCKLEY	27	45 +		75 +	
SUSAN DUNCAN	28	DEBRA KURUCZ	32	R:D C MASTERS	93 5:08.96	R:ST.PETE	94 10:03.90
ARIZONA	4:25.37	JOANNE GADD	28	BARBARA FRID		MARIAN MCKECHNIE	

TOP TEN

SHORT COURSE YARDS

WIN KENNEDY		KATE HUTTLESTON	34	ANN LYTTLE		MUELLER	81
KAY SCHIMPF		AMY STEWART	32	U OF SAN FRAN	12:23.35	LEE HOLM	79
FRANCES CICHANSKI		LISA KABOT	29	ILA CHALE	55	MAXINE CARLSON	73
SPM	10:03.90	WEST HOLLYWOOD	10:12.38	SUSAN LOMBARDI	45	PAT MATTHIESEN	77
M.B. MCKECHNIE	89	KATHLEEN WALSH	33	NANCY STRETCH	54		
WIN KENNEDY	80	ALEXIA NALEWAIK	25	SHERRILL MCGRANE	47	75 +	
F.E. CICHANSKI	77	ERIN CHILDS	36	WALNUT CREEK	12:30.76	R:WALNUT CREEK	93 17:31.22
KAY SCHIMPF	76	LISA BOVE	33	DONNA MONROE	60	FRIEDE SIDORSKY	
*****		OJAI	15:45.03	JOAN ALEXANDER	62	MARY JANE REEVES	
RELAYS: WOMEN 800 YD. FREE		TRACI DAVID	32	MARIETTA KAHL	60	JEAN DURSTON	
*****		DAWN BRINKER	44	J.DESBARATS	50	SALLY JOY	
19 +		MARY DICKERSON	29	SPM	12:31.89	SPM	19:16.91
R:U OF SAN FRAN	94 8:07.90	DONNA LECHMAN	35	J.G. PIPER	56	M.B. MCKECHNIE	89
PAM FRANKLIN				ELAINE BROMWICH	51	WIN KENNEDY	80
CYNTHIA HINSHAW		35 +		BARBARA ALLEN	60	F.E. CICHANSKI	77
JANET HAUER		R:LOS ALTOS	90 8:52.11	SANDY STEER	54	KAY SCHIMPF	76
KATIE WELCH		LAURA VAL		DAVIS AQUATIC	12:32.86	*****	
U OF SAN FRAN	8:07.90	CAROLYN BOAK		SUSAN MUNN	55	RELAYS: M E N 200 YD. FREE	
PAM FRANKLIN	24	DEE HAYNIE		MARY HORTON	51	*****	
CYNTHIA HINSHAW	24	CATHY SCHULBACH		BETTY DUGAN	52	19 +	
JANET HAUER	25	WALNUT CREEK	9:12.32	JOYCE HAWORTH	56	R:OLYMPIC CLUB	94 1:26.08
KATIE WELCH	24	DEBBIE FLANSBURG	38	OJAI	14:35.56	ROBERT PLACAK	
GCMT	9:28.00	PATTY LANDERS	37	ISSA AINSWORTH	47	ERIC TARBELL	
JENNIFER ADAMS	28	JULIE MCKINLEY	36	SHIRLEY BAIRD	63	JIM MURRAY	
LISA LASARENKO	28	MINDY HAMWAY	35	PEGGY SANBORN	66	DAVID LUNDBERG	
NATALIE HAIDET	26	SAN DIEGO SWIM	9:25.83	KATINA CHILDRESS	46	THE OLYMPIC CLB	1:26.08
KARLA BLOCK	24	ELIZABETH PALMER	36	U OF SAN FRAN	15:14.46	ROBERT PLACAK	35
DAVIS AQUATIC	9:34.77	KAREN SING	37	BARBARA LAMBERTO	49	ERIC TARBELL	22
JEFFIFER COLLINS	25	BARBARA DUNBAR	45	MAGGIE PASSANISI	50	JIM MURRAY	24
LISA STRAMPACH	35	CATHY NEVILLE	36	FLO BARICH	57	DAVID LUNDBERG	33
MISSY LESTRANGE	41	U OF SAN FRAN	9:44.89	HALLE HEWITT	55	ARIZONA	1:26.92
CHRISTINE SCHULTZ	22	DIANE GARCIA	42			SCOTT MENCKE	27
GOLD COAST	9:35.12	ANNE CLAMAN	36	55 +		DENNIS BAKER	32
ANITA ALLEN	40	PHYLLIS QUINN	38	R:WALNUT CREEK	91 12:01.67	MATTHEW PREBLE	31
SHELLY MICKA	24	MARY SAAL	40	DONNA MONROE		SIMON PERCY	22
DEBBIE LAKE	30	IEM	9:57.31	ELFRIEDE ROGERS		LONG BEACH	1:26.98
LISA SHOPE	35	ELIN ZANDER	39	JOAN ALEXANDER		JEFFREY ROE	21
PLANTATION	10:40.41	H.CARLING-SMITH	43	ANN PISCIOTTA		SCOTT MCGIHON	27
COLLEEN HANSTEIN	40	CARRIE SLOVER	41	U OF SAN FRAN	12:56.58	JASON ROE	20
NICOLE HAHN	24	SUSAN KIRKLAND	37	CAROL REQUADT	55	BERT BERGEN	27
SHARON TOLL	37	SAN MATEO	10:24.88	TANAKO HAGIWARA	55	NASA	1:27.19
ROBIN LEHMAN	33	VAL DUNN	44	GAIL ROPER	64	JOHN MARTIN	38
		NITSA SWAIN	36	MARY COFFEY	55	KARL KRIEGSMAN	24
25 +		DONNA DUNN	46	OJAI	14:05.42	DAVID EVERHART	29
R:WALNUT CREEK	91 8:13.04	DALE FINCH	43	MALCHIA OLSHAN	63	ERIC MAURER	23
WENDY INGRAHM		GCMT	10:36.67	GAY COLLINS	63	SAN DIEGO	1:27.38
DEBBIE BARBER		PAIGE LINSKER	41	RITA MAY	58	RYAN CHAPMAN	22
SUZY HANSEN		JEANNE KAERCHER	50	RUTH FARNHAM	64	BRIAN WHITESIDE	23
SARA SHAND		BARBARA SHAW	37			ROSS FELDMAN	21
U OF SAN FRAN	8:18.43	MANDY SHUMAKER	38	65 +		JUDD GLASSER	22
CORY NUGENT	30	U OF SAN FRAN	10:47.02	R:SANTA BARBARA	89 12:14.80	ARIZONA	1:29.60
CAROL BADGER	34	CATHY HUANG	38	SHIRLEY ERICKSON		SCOTT MCLEAN	28
LORETTA SOFFE	27	BARBARA BYRNES	37	GRACE ALTUS		JEFF UTSCH	26
CATHY FLORKOWSKI	26	LINDA STANLEY	35	RUTH BAAR		ROBERT SCHLYER	24
STANDFORD	8:21.19	NANCY CUTLER	40	DOROTHY LA CHASSE		AL JAEGER	31
DANIELLE OGIER	41	GOLD COAST	11:15.83	WALNUT CREEK	13:34.85	CRAW	1:29.81
C.CHICHESTER	30	LIL HANEMAN	39	ELFRIEDE ROGERS	66	NEIL HARPER	29
LAURA REYNOLDS	31	RORIE ANDERSON	43	JAE HOWELL	71	CHRIS ERIKSEN	22
MARTIE MCKINNEY	29	M SANFORD	51	BETTY BARABASH	65	WADE RIDDICK	24
PLANTATION	8:59.09	B.EDELMAIER	47	BETTY MCMILLAN	65	ADAM WERTH	24
SUSAN MENDEZ	31	C1776	11:55.37	OJAI	15:55.28	ORLM	1:30.98
MARCIA BARRY	45	SINCLAIR BROWN	40	PEGGY SANBORN	66	LARRY CAMPBELL	24
CARI FLEMING	26	E.KRUPKA	56	GRACE ALTUS	70	F.CHARMFOROOSH	27
KAREN SPENCE	27	BARBARA JOHNSON	61	MAGGIE MORS	68	L.J. MEISENHEIMER	36
C1776	9:08.22	P.TIMMINS	40	ELEANOR BROWN	68	PAUL ROBINSON	26
LAURIE HUG	29	STRAWBERRY CYN	12:29.82	U OF SAN FRAN	16:24.63	EMPIRE STATE	1:31.09
ALYSON CHICK	31	NANCY FRIEDMAN	43	ANNA LISA RECCHIA	71	ERIK OSBORN	25
M.KILGARIFF	36	SUSAN ANSON	54	MARY GREER	72	TODD THOMASON	26
DEBRA KURUCZ	32	SILE CONVERY	45	SARAH DAVIS	70	BENJAMIN ROYE	22
SOUTH BAY WAVES	9:11.34	KJERSTEN WALKER	45	MARGARET VORHEES	65	KEVIN YAO	23
ANN FINLEY	31			C1776	16:38.23	U OF SAN FRAN	1:31.33
DEDE MOORE	34	45 +		CAROLYN DERR	66	JEFF PEARGIN	27
JENNIFER O'CONNOR	31	R:DC MASTERS	93 9:42.96	FAY BECK	67	GREG MOORE	20
SHARON LAW	36	RUTH BENNETT		JEANNE MERRYMAN	71	BROCK DAVIS	28
U OF SAN FRAN	9:22.66	BARBARA FRID		FLORENCE MELICK	72	LIN WANG	19
NANCY MCILVAINE	26	ANN SVANSON		PNA	19:11.67		

TOP TEN

SHORT COURSE YARDS

25 +		CHARLES NORELLI	38	BRIAN MURPHY	45	65 +	
R:HOUSTONIAN CLUB90	1:23.34	SCOTT UHRMANN	40	TOM ANGELL	54	R:S. CAL AQUATIC 90	1:55.12
JOHN SMITH		O*H*I*O MASTERS	1:29.91	WILL MONTGOMERY	45	JURGEN SCHMIDT	
JEFF FREY		JACK GROSELLE	39	JERSEY MASTERS	1:40.56	FRANK PIEMIME	
CLAY BRITT		THOMAS HIEBER	37	RENDY BANKS	51	BOB MERRICK	
SAM SEIPLE		JOE O'BRIEN	40	RICHARD WALLACE	46	GEORGE BRINTON	
ARIZONA	1:24.14	KARL KAZMAIER	38	EDWARD NESSEL	48	SOUTHERN CAL	1:55.53
TROY DALBEY	25	EL SEGUNDO	1:30.02	JIM DRAGON	49	FRANK PIEMME	69
ERIC WILHEM	25	MARK RUBKE	41	NIAGARA	1:41.82	BOB MERRICK	73
SCOTT HOFFER	29	MARC KELLY	39	DAN WALTERS	48	JURGEN SCHMIDT	71
JOHN LADERER	29	MICHA PATTERSON	39	TOM MEADE	46	BOYD JOHNSON	66
WALNUT CREEK	1:25.35	MERRILL RILEY	35	RICHARD BROOKS	50	SAN MATEO	1:56.53
GREG REMMERT	31	HOUSTON	1:30.03	DONALD BLAKE	50	RAY TAFT	74
JEFFREY RODGERS	27	JOHN MASEK	35	MARYLAND	1:43.53	BOB CUNNINGHAM	65
DAN MENDENHALL	27	WILLIAM BONHAM	42	DAVID FULLER	45	FRED TAIOLI	73
STEPHEN STAHL	29	JEFF HOLBROOK	35	JACK ILIFF	49	JOHN ROBERTSON	73
BAYLOR/L STAR	1:26.72	LANCE GORDON	37	PETER OROSZLAN	50	SAN DIEGO	1:56.64
JAY YARID	31	ARIZONA	1:31.98	CHRIS OSTROM	48	WILLIAM PHILLIPS	66
ROBERT HUDEK	31	GLENN PATCHING	36	55 +		FRED WADSWORTH	65
BOBBY PATTEN	31	JERRE KRONGAARD	39	R:OLYMPIC CLUB 90	1:42.55	RICHARD LABAHN	65
STEVEN REED	25	GARY EMERSON	39	PHILIP GAY		MILTON SENS	68
ROCKY MOUNTAIN	1:27.20	JOHN PIECUCH	38	DON WUDTKE		COLONIALS 1776	2:12.07
JAMES LILLEY	34	ROCKFORD	1:33.06	PHILIP CHAPMAN		ERNEST MOORE	66
HOLDEN BANK	34	TIM ROURKE	39	DONALD HILL		JOHN EMANUEL	69
STEVEN DAVIS	31	JOE MAGIERA	37	THE OLYMPIC CLB	1:44.64	W MARINO	66
VANCE HOWARD	33	TOM MCCABE	36	JAMES BOHAN	58	ROGER FRANKS	67
ARIZONA	1:27.54	RIC JOHNSON	38	WILLIAM TIMKEN	55	O*H*I*O MASTERS	2:13.31
DOUGLAS HAMLIN	25	ROCKY MOUNTAIN	1:33.08	LEWIS COOK	56	PAUL KRUP	76
WILL TAYLOR	34	DAVID GRAY	35	CHARLES RAVEN	55	NELSON OTIS	78
MIKAEL ORN	32	CHIP ELLIS	36	SAN DIEGO	1:46.49	DEXTER WOODFORD	80
STEFAN JONSSON	31	LEE MACDONALD	42	DAVE DRUM	58	PETER VAN DIJK	65
C-1776	1:27.72	RIC COOLEY	44	STEPHEN MOSELEY	56	ROCKY MOUNTAIN	2:18.91
STU MARVIN	38	WALNUT CREEK	1:33.19	BILL EARLEY	57	ALAN CARMICHAEL	69
MARK SCHUMAN	38	JOHN ROEMER	38	LAURANCE HILL	55	WALT LINDSTROM	71
ANDREW ELLIS	25	CARY KENT	42	GIMSA	1:46.60	HERB WALLOWER	72
PETER DARDARIS	35	THOMAS DUGAN	35	DAVID COSTILL	58	JOHN WRENN	73
VIRGINIA	1:28.06	VINCENT MORALES	37	JERRY MYERS	55	SPM	2:21.02
JERRY SMITH	28	45 +		MEL GOLDSTEIN	55	ALAN MALONEY	65
JAMES WOLFLE	25	R:TAMALPAIS 90	1:32.89	JOE STRAATMAN	58	ROBERT ATWOOD	73
MARK GILL	25	HARRY GREENFIELD		ROCKY MOUNTAIN	1:51.68	JOHN JOHNSTON	78
NEILL WILLIAMS	26	BOB OLSEON		FREDE WENDELKEN	55	BILL MOLVIE	75
ANCIENT MARINER	1:28.27	RICHARD BURNS		SANFORD PLATTER	55	RINCONADA	2:22.33
JEFFREY RODDIN	25	RICHARD BAUSCHARD		BRUCE MURRAY	57	AUGIE MOTMANS	66
JASON CRIST	32	ROCKY MOUNTAIN	1:34.63	DENNIS O'BRIEN	58	JOE IRVINE	83
CLAY BRITT	33	PAUL MCCORMICK	47	GOLD COAST	1:52.45	C.FAIRCHILD	68
NICK NEVID	33	MICHAEL CARRIER	47	HERB KERN	62	ALDO DA ROSA	76
U OF SAN FRAN	1:28.68	WILLIAM ABBOTT	47	WILLIAM DOLAN	65	GIMSA	2:24.80
GARY YANG	25	RICHAH ABRAHAMS	49	DONALD SONIA	64	JOHN PATTEN	72
DEAN PANZICA	31	LOS ALTOS	1:36.06	SHERWIN DROBNER	60	AL EBBINGHAUS	70
DAN VEATCH	28	TOM BOAK	50	ARIZONA	1:53.24	ROBERT RISLEY	66
ANDY GELLER	25	EDWARD CAZALET	51	RONALD JOHNSON	62	JOHN MAXWELL	85
SOUTHERN CAL	1:29.30	DAVID GRAY	48	GORDO WATERFALL	60	MARYLAND	2:26.07
DAVID HALPERN	33	DICK THOMAS	46	EDWIN GRANT	62	JOHN COLLINGS	66
EMP HOCHSTEIM	25	GIMSA	1:37.09	CHUCK BALDWIN	63	CECIL HULL	72
PET MCCAFFERTY	31	JOHN BARTON	49	U OF SAN FRAN	1:54.65	RAYMOND EDELHOFF	81
PETER EGAN	30	ROGER JONES	46	BOB FEWSTER	55	A.EREMCHUK	68
35 +		DOUGLAS LARAMORE	46	JOE ILICK	59	75 +	
R:LONE STAR 90	1:25.72	LEO FRENCH	46	DAN OSBORNE	60	R:D C MASTERS 91	2:24.77
JAMES MONTGOMERY		ARIZONA	1:37.92	ED HOWES	59	BERT KASSELL	
RICHARD HESS		BOB OLSON	49	OJAI	1:55.79	CHARLES ROY	
TRIP HEDRICK		ALAN HOLLY	46	JACK SPRACKLIN	63	DAVID MCAFEE	
DAVID HAGUE		RICH KRAMER-HOWE	52	JEFF FARRELL	57	KELLEY LEMMON	
SOUTHERN CAL	1:27.79	BILL PASSEY	45	JOHN BLECK	61	LONG BEACH MAST	2:29.66
FRED HUBBELL	41	WALNUT CREEK	1:38.01	ROBERT MAY	60	ROBERT SMITH	78
PETER O'KEEFE	43	MAL JESTER	45	SAN DIEGO	1:56.14	BRION WINSHIP	76
TOM KATSOULEAS	36	JESSE SMYERS	47	KENNETH KIMBALL	63	WALTER PFEIFFER	80
JAMES BELARDI	37	JACK LANCE	51	GORDON GILLIN	63	WOODROW BOWERSOCK	80
BAYLOR/L STAR	1:28.62	JAMES KING	47	BILL CRANE	55	SAN METEO	2:46.96
RICHARD HESS	39	O*H*I*O MASTERS	1:38.09	DONALD BAKER	63	LLOYD WALKER	77
JAME MONTGOMERY	39	DAN PER-LEE	50	WALNUT CREEK	1:57.12	ED MORAN	76
DAVID HAGUE	40	DENNIS RYAN	48	DON BROWN	60	WALT WELLS	76
STEVE BOSTER	43	ROBERT VAN FOSSAN	47	MIKE MILLIMAN	59	JOE KAUFMAN	80
COLONIALS 1776	1:28.88	HARRY GREENFIELD	48	BILL MCIVOR	61	COLONIALS 1776	3:19.97
THOMAS MEADE	36	SOUTHERN CAL	1:38.89	BOB KAHL	60	CHARLES BREEDING	78
GREGORY OXLEY	35	PAUL HENNE	47			HENRY SHOSTCHUK	76

TOP TEN

SHORT COURSE YARDS

RICHARD TAYLOR	76	BOBBY PATTEN	31	KARL KAZMAIER	38	ROGER JONES	46
CHARLES BARNETT	80	STEVEN REED	25	THOMAS HIEBER	37	RUSS DESSERICH	50
*****		ARIZONA	1:36.80	JACK GROSELLE	39	JOHN BARTON	49
RELAYS: M E N 200 YD. MEDLEY		ERIC HANSEN	27	SAN DIEGO	1:42.84	DOUGLAS LARAMORE	46
*****		A.SPENCER	34	JEFF MILTON	38		
19 +		DENNIS BAKER	32	RONALD MARCIIK	44	55 +	
R:LONG BEACH	94	TROY DALBEY	25	CHRIS DIXON	36	R:S. CAL AQUATIC 87	1:57.74
MICHAEL KANNER		SOUTHERN CAL	1:37.39	STIK HENIKA	35	BOYD JOHNSON	
BRUCE HOWELL		HECTOR CHAO	30	EL SEGUNDO	1:44.66	DON HESTER	
JEFFREY ROE		PET MCCAFFERTY	31	MICHA PATTERSON	39	FRANK REYNOLDS	
BERT BERGEN		PETER EGAN	30	MARC KELLY	39	FRANK PIEMME	
LONG BEACH	1:34.25	DAVID HALPERN	33	MARK RUBKE	41	THE OLYMPIC CLB	1:57.77
MICHAEL KANNER	25	C-1776	1:37.61	CHRIS LANSBERG	40	LEWIS COOK	56
BRUCE HOWELL	37	PETER DARDARIS	35	ROCKFORD	1:45.13	WILLIAM TIMKEN	55
JEFFREY ROE	21	MICHAEL CASCIATO	34	TIM ROURKE	39	JAMES BOHAN	58
BERT BERGEN	27	MARK SCHUMAN	38	JOE MAGIERA	37	CHARLES RAVEN	55
THE OLYMPIC CLB	1:35.66	STU MARVIN	38	TOM MCCABE	36	ROCKY MOUNTAIN	2:02.71
DAVID LUNDBERG	33	WALNUT CREEK	1:37.64	RIC JOHNSON	38	SANFORD PLATTER	55
ERIC TARBELL	22	PATRICK DUGGAN	30	SPM	1:46.02	BOB PATTEN	59
ROBERT PLACAK	35	JOHN SCHWENGER	28	JEFFREY GOOD	35	DENNIS O'BRIEN	58
JIM MURRAY	24	DAN MENDENHALL	27	ARTHUR HALTTUNEN	43	FREDE WENDELKEN	55
ARIZONA	1:37.85	STEPHEN STAHL	29	WILLIAM SPECHT	35	GIMSA	2:02.75
DOUG KING	23	ROCKY MOUNTAIN	1:39.32	TIM MCGINNIS	36	JOE STRAATMAN	58
SIMON PERCY	22	BRETT ROSE	29			MEL GOLDSTEIN	55
E.NASCIMENTO	23	HOLDEN BANK	34	45 +		DAVID COSTILL	58
TIM WISE	23	JAMES LILLEY	34	R:THE OLYMPIC CLB94	1:44.01	JERRY MYERS	55
H20	1:39.37	STEVEN DAVIS	31	TIM BIRNIE		SAN DIEGO	2:03.18
BEATTY	27	VIRGINIA MASTER	1:39.34	ROBERT STRAND		BILL EARLEY	57
LORIN KOSREGI	28	CHRIS STEVENSON	29	JAMES BEGLINGER		PETER RIDDLE	56
ALAN SAURY	26	NEILL WILLIAMS	26	BILL BARTHOLD		DAVE DRUM	58
JOSE MAHER	23	JERRY SMITH	28	THE OLYMPIC CLB	1:44.01	LAURANCE HILL	55
SAN DIEGO	1:39.56	DAVID MALSBURY	32	TIM BIRNIE	48	WALNUT CREEK	2:04.89
JUDD GLASSER	22	SAN DIEGO	1:40.54	ROBERT STRAND	48	DON BROWN	60
RYAN CHAPMAN	22	GREG SHIELDS	33	JAMES BEGLINGER	47	DENNIS BLEDSOE	55
ROSS FELDMAN	21	GARY FORTUNE	26	BILL BARTHOLD	45	ROBERT KAHL	60
BRIAN WHITESIDE	23	GEORGE PLESEK	25	LAKESIDE	1:46.00	CHESTE WERSHILA	65
SOUTHERN CAL	1:40.00	ALAN VOISARD	34	THOMAS FINNEGAN	47	SAN DIEGO	2:06.65
MIKE CARTER	25	WALNUT CREEK	1:41.06	GLENN HUBBUCH	48	JOHN GOODE	60
GREG SCHAFFER	23	GERALD FERRIS	33	JAMES GOODWIN	46	LLOYD SKRAMSTAD	60
MIKE FITZGERALD	29	THOMAS DUGAN	35	THEODORE WATHEN	47	BILL CRANE	55
EMP HOCHSTEIM	25	JEFFREY RODGERS	27	ARIZONA	1:46.68	STEPHEN MOSELEY	56
NASA	1:40.92	GREG REMMERT	31	BOB JONES	51	SOUTHERN CAL	2:07.30
JOHN MARTIN	38			ROBERT LEWIS	50	RICHARD ROUSE	60
ERIC MAURER	23	35 +		ROBERT LITMAN	50	GEORGE DOWNS	55
DAVID EVERHART	29	R:COLONIALS 1776 91	1:36.66	HOP BAILEY	46	PETER TAFT	58
KARL KRIEGSMAN	24	STU MARVIN		LOS ALTOS	1:48.00	PARRY O'BRIEN	62
HOUSTON	1:42.47	DAVE SCHMINKE		DICK THOMAS	46	NEW ENGLAND	2:12.36
JEFF HOLBROOK	35	MARK SCHUMAN		TOM BOAK	50	BARR CLAYSON	58
JOSE MAHER	23	CHARLES NORELLI		ROBE PROEBSTING	56	TED HAARTZ	66
ROBERT KILLEEN	32	SOUTHERN CAL	1:39.53	DAVID GRAY	48	WINTHROP WILSON	67
WILLIAM BONHAM	42	CLAY EVANS	40	ROCKY MOUNTAIN	1:48.11	JAMES EDWARDS	71
AIR FORCE	1:42.48	CHRIS DALE	37	STEVE MINER	47	JERSEY	2:16.43
EUGENE STEIN	23	JAMES BELARDI	37	MICHAEL CARRIER	47	AMAR LATHI	57
JOHN HALLMAN	29	FRED HUBBELL	41	RICHAR ABRAHAMS	49	LOUIS ABEL	58
JEFF FALEY	29	C1776	1:41.88	PAUL MCCORMICK	47	AARON KURTZMAN	64
BRIAN CANINO	33	WARREN FISHER	38	O*H*I*O MASTERS	1:50.63	GERALD MARKOFF	62
CRAW	1:43.18	MARK SCHUMAN	38	ROBERT VAN FOSSAN	47	MARYLAND	2:17.16
NEIL HARPER	29	CHARLES NORELLI	38	DAN PER-LEE	50	JIM FORSYTHE	56
CHRIS ERIKSEN	22	ROBERT KROTEE	39	DENNIS RYAN	48	YU-JIN LEE	60
ADAM WERTH	24	BAYLOR/L STAR	1:41.95	HARRY GREENFIELD	48	DONALD RICE	60
WADE RIDDICK	24	STEVE BOSTER	43	JERSEY	1:50.81	KEN POLLOCK	61
		RICHARD HESS	39	RICK ALEXANDER	49		
25 +		DAVID HAGUE	40	EDWARD NESSEL	48	65 +	
R:LONE STAR	91	JAME MONTGOMERY	39	ARTHUR DEFFAA	45	R:S. CAL AQUATIC 93	2:09.02
MOOK RHODENBAUGH		WALNUT CREEK	1:42.61	JIM DRAGON	49	BOYD JOHNSON	
GREG RHODENBAUGH		HOWARD HART	41	WALNUT CREEK	1:51.48	DONALD HESTER	
BOBBY PATTEN		JOHN ROEMER	38	JAMES KING	47	FRANK PIEMME	
TRIP HEDRICK		KERRY O'BRIEN	37	MAL JESTER	45	JURGEN SCHMIDT	
ANCIENT MARINER	1:35.42	CARY KENT	42	BILL BROWN	50	SOUTHERN CAL	2:12.89
CLAY BRITT	33	ROCKY MOUNTAIN	1:42.63	JACK LANCE	51	GEORGE BRINTON	69
NICK NEVID	33	CHUCK WOLFF	42	MARYLAND	1:51.55	FRANK PIEMME	69
JEFFREY RODDIN	25	DAVID GRAY	35	JACK ILIFF	49	JURGEN SCHMIDT	71
JASON CRIST	32	RIC COOLEY	44	PETER OROSZLAN	50	BOYD JOHNSON	66
BAYLOR/L STAR	1:36.17	LEE MACDONALD	42	CHRIS OSTROM	48	SAN DIEGO	2:23.34
JAY YARID	31	O*H*I*O MASTERS	1:42.71	DAVID FULLER	45	WILLIAM PHILLIPS	66
ROBERT HUDEK	31	LOU HORWITZ	41	GIMSA	1:52.14	FRED WADSWORTH	65

TOP TEN

SHORT COURSE YARDS

C1776	2:47.25	HEARTLAND	1:58.12	MAUREEN MENDOZA	33	MARY POLLMANN	
CAROLYN DERR	66	VICKY DAVIDSON	29	EL SEGUNDO	1:57.56	BETTY BENNETT	
FAY BECK	67	SUZANNE SCHMITZ	29	DI GRANER GALLAS	30	IRENE DAVID	
MARY WIXTED	72	PATTY STARKS	34	MICHELLE DOKTER	30	COLEEN MALMEN	
JEANNE MERRYMAN	71	HEATH WOLFENDEN	24	SUE MOUNT	25	LINCOLN	2:12.15
OJAI	2:50.90	MICHIGAN	1:58.79	AIMEE BERZINS	26	MARY POHLMANN	49
GRACE ALTUS	70	ANN BOLLINGER	24	WOODSIDE HILLS	1:58.07	BETTY BENNETT	50
RUTH BAAR	71	JULIE MASTERS	26	SUSAN PORTER	31	IRENE DAVID	50
MAGGIE MORS	68	MARY MUETING	29	LISA SHEEPER	30	COLLEEN MALMEN	50
PEGGY SANBORN	66	ELIZABETH CURVEY	25	NANCY LEWIS	34	OREGON	2:23.12
HOLMES LUMBER	2:53.05	SOUTHERN CAL	1:59.24	KASS OHRINER	33	GINGER PIERSON	48
JEAN BEERS	71	SARAH TURNER	32	ARIZONA	1:58.91	PAM HIMSTREET	50
JUNE REYNOLDS	72	DIANNA TATE	33	MARY KAIN	25	SANDI ROUSSEAU	46
GERTRUD ZINT	76	CINDY LICHTMAN	30	H.ALONSO-PIMENTEL	31	PEGGY WHITER	50
M.R. NEWMAN	70	AMANDA HARRIS	22	RANE SMITH	29	SAN DIEGO	2:23.25
ROCKY MOUNTAIN	3:08.10	C1776	1:59.91	BECKI MAJOR	30	PEGGY LEONG	49
FRANCES HOLMES	66	SUSAN FLYNN	31			FRANCESCA DRUM	52
CATHY WRENN	67	APRIL LONG	34	35 +		BARBARA DUNBAR	45
ELLA CARMICHAEL	70	AMY SCHMIDT	25	R:S CAL	93 1:57.52	DEBORAH PECKHAM	54
LUELLA HEATH	74	SUSAN LUCAS	23	BONNIE ADAIR		ROCKY MOUNTAIN	2:26.58
O*H*I*O MASTERS	3:11.36	SAN DIEGO	2:00.91	KAREN MELICK		JUDY REED	50
SYLVIA HILL	72	SABRINA LUM	22	DIANA TODD		J MURPHY-SHERMAN	49
RUTH WUNDERLICH	75	MELINDA HANLEY	23	TERESA HOLLEY		JEAN WOOD	46
MARY CULHANE	72	NICOLE RESSLER	23	WALNUT CREEK	1:59.53	KAY SHRAIBERG	48
BETTY JANE RUSS	66	SMITS VAN OYEN	23	PATTY LANDERS	37	SPM	2:26.97
U OF SAN FRAN	3:20.07	EMPIRE STATE	2:01.24	CATHY COOLEY	36	ELAINE BROMWICH	51
ANNA RECCHIA	71	KATHERINE BAIN	22	DEBBI FLANSBURG	38	LESLIE TREAT	45
MARY GREER	70	CHERYL KUPAN	29	MINDY HAMWAY	35	JAYNE LAMBKE	54
SARAH DAVIS	70	JOANNE WRIGHT	22	LAKESIDE	2:00.83	ANNE PAGE	45
MARGARET VORHEES	65	MIKO MCGINTY	23	JEAN RUEFF	36	NEW ENGLAND	2:29.23
DC MASTERS	3:44.22	MARYLAND	2:02.12	PAM MARTIN	36	SUSAN MAGUIRE	45
RUTH THORSEN	73	DEBBIE SANSONE	24	A.WRIGHT-BELKNAP	43	AAGJE CARON	52
MARY LATHRAM	78	JAMIE GORSKI	33	MELINDA SCHMITT	35	SUE TENDY	45
HEDY PULLMAN	82	LAURI CAMMARATA	30	SOUTHERN CAL	2:01.05	PAT PETERSEN	59
ANNE WALKER	78	LINDA LEPEAK	29	BONNIE ADAIR	41	ARIZONA	2:37.71
OREGON	4:01.35			TERESA HOLLEY	40	KATHY KRUCKER	45
ELFIE STEVENIN	72	25 +		DIANA TODD	50	JUDY GILLIES	46
JUDY MELCHER	73	R:HOUSTONIAN	91 1:49.19	DIANE DAGOSTA	37	SALLY BOLAR	54
HELENA HOFFMAN	78	TORI SMITH		NEW ENGLAND	2:02.12	LUCY MITCHELL	45
PAULINE STANGEL	72	CORRIN CONVIS		JOEL FELDMANN	42	DAVIS AQUATIC	2:39.48
		DEBBIE RISEN		KIM GOODWIN	36	SUSAN MUNN	55
75 +		BRIGITTE HEVER		CONSTAN HALLETT	35	GAYLE BONDURANT	47
R:D.C. MASTERS	94 3:21.12	ROCKY MOUNTAIN	1:51.37	KARLA BLACK	38	PATTI GAY	64
ANNE WALKER		SHELLE BOTTA	28	SAN DIEGO	2:02.96	BETTY DUGAN	52
MARY LATHRAM		SHEIL ARREDONDO	29	KAREN SING	37	MARYLAND	2:39.62
JEAN CHENAUX		ELLEN ATKINSON	31	MARY GREGORIO	41	KATHRYN GREGORY	48
NANCY CLARK		AN PETTIS SCOTT	31	CATHY NEVILLE	36	CAROL ROUSE	51
DC MASTERS	3:21.12	WALNUT CREEK	1:53.96	SALLY KARRASCH	41	FRANCES WESTON	54
ANNE WALKER	78	PAMEL BOSCOVICH	31	MARYLAND	2:04.00	KAREN WILLIAMS	46
MARY LATHRAM	78	LIZ SCHEETZ	26	KATHERINE BRANCH	36	ACME	2:39.83
JEAN CHENAUX	80	SUSAN DUNCAN	28	DEBORAH DUDAS	36	MAUREEN KENSICK	52
NANCY CLARK	79	WENDY INGRIAHAM	30	JILL SPRINGER	35	CAROL SCHMIDT	47
*****		SAN DIEGO	1:54.57	JOANNE KANE	37	DIANNE SHERWOOD	53
RELAYS: WOMEN 200 YD. MEDLEY		KARLYN PIPES	32	GIMS	2:05.49	COLLEEN MALMEN	50
*****		DIANE HOTZ	31	MARY ANN STEVENS	40		
19 +		TRISH SEUBERT	25	SALLY HASBROOK	45	55 +	
R:RALEIGH	92 1:52.20	BETH KNIGHT	34	SHARON WISE	47	R:RINCONADA	94 2:27.91
COURTNEY SEARCY		SOUTHERN CAL	1:55.55	JEAN TRACY	39	ANN KAY	
LISA BROWN		LESLIE EVERS	30	VIRGINIA	2:06.44	CAROL MACPHERSON	
SHELLIE JOANIS		LISA CHANG	26	TERRY GAULT	43	BARBARA CALLISON	
JILL BENDA		PAM LAZZAROTTO	32	LISA BENNETT	38	SUSAN SPRINGER	
HOUSTON	1:53.62	ALEXAN MIDDLEAUGH	29	DIANE CAYCE	38	RINCONADA	2:27.91
STACY JONES	28	VIRGINIA	1:56.60	LINDA FOURNIER	35	ANN KAY	60
BRIGITTE HEUER	33	ROBIN HAMPTON	27	MARYLAND	2:06.99	CARO MACPHERSON	55
KAREN JACOBSON	27	ALICE PHILLIPS	28	BONNIE JOHNSTON	42	BARBAR CALLISON	61
SHERRI WELDON	23	MOLLY DEAN	28	MARGE BURLEY	48	SUSAN SPRINGER	55
ARIZONA	1:57.42	CLAI BOLEK	30	ELAINE FINCHAM	39	SAN DIEGO	2:30.11
MONICA BAILEY	32	MARYLAND	1:56.84	SUSAN MARINZEL	41	BETSY JORDAN	57
STACY COSTA	24	ZENA HERRMANN	34	MINNESOTA	2:10.51	ADRIENNE PIPES	59
DIANNE WYGAL	27	DEBORAH ZIMIC	32	MICHELE DEVITT	37	JEANNE LITTLE	57
SARAH ANDERSON	23	KRISTEN CORBETT	28	SHERRY PAGE	36	DUDLEY WOOD	56
WALNUT CREEK	1:57.62	SUZIE FISCH	25	M.BETH WINDRATH	40	WALNUT CREEK	2:35.28
PAULA ROEMER	33	LONG BEACH	1:56.88	KATHY KENAL	40	BARBARA JORDAN	56
KAREN HEARD	23	SHERRY GAERTNER	30			ANN PISCIOTTA	63
KATHY BROWN	34	JILL KEENAN	25	45 +		JOAN ALEXANDER	62
MICHEL GHIGGERI	25	STEPH MUNATONES	29	R:LINCOLN	94 2:12.15	DONNA MONROE	60

TOP TEN

SHORT COURSE YARDS

JAY CRADDOCK	73	BMSC	3:53.47	STEFAN JONSSON	30	TOM KECK	42
ROBERT PROEBSTING	56	MICHAEL FRANK	25	IRVINE NOVAQUAT	4:07.94	BILL PASSEY	45
WALNUT CREEK	4:25.65	JOHN PEARSON	28	LYLE NALLI	34		
CHET WERSHILA	65	BRIAN RINI	24	HAROLD MESTYANEK	38	45 +	
STAN MORNER	59	JOE REINHARDT	32	PIERRE DELISLE	30	R:LOS ALTOS	92 4:10.46
BOB KAHL	60	ARIZONA	3:54.18	JEFFREY CROSSON	32	ED CAZALET	
DON BROWN	60	DOUG KING	23	BMSC	4:08.13	TOM BOAK	
MAC MASTERS	4:37.77	SIMON PERCY	22	JOE REINHARDT	32	BOB PROEBSTING	
JERRY CLARK	56	TIM WISE	23	JONATHAN EHRLMAN	31	DAVE GRAY	
BILL APPELBAUM	58	E.NASCIMENTO	23	JOHN PEARSON	28	WALNUT CREEK	4:24.32
MILTON GEE	56	DAVIS AQUATIC	3:56.37	DAVID HYLAND	30	JIM KING	47
JOHN KORTHEUER	63	DOUG SMITH	32	GCMT	4:08.55	PAUL JEFFERS	48
OJAI	4:42.17	BRIAN NABETA	24	DAVID O'DANIEL	26	BILL BROWN	50
JEFF FARRELL	57	WILLIAM WEBER	22	DENNIS HOGAN	27	JACK LANCE	51
JOHN BLECK	61	MICHAEL COLLINS	28	RICHARD MORRIS	30	GCMT	4:31.93
ROBERT MAY	60	STANFORD	3:59.40	NORMAN BRISKER	29	LARRY RINGER	46
JACK SPRACKLIN	63	JIM KAUFFMAN	46	U OF SAN FRAN	4:09.45	ROBERT JOYCE	45
SWOM	4:53.57	BRIAN JOB	43	BRIAN SKUSE	34	ROBERT O'KEEFE	49
ROBERT KOENIG	56	MARC GOLDMAN	23	BROCK DAVIS	28	DOUG VOLZ	49
JACK WOOLEGGE	60	CHRIS MORGAN	22	RICHARD GARRETT	40	ARIZONA	4:54.37
ROBERT WILLIAMS	55	NEWPORT COSTA	4:00.05	DEAN PANZICA	31	W.FRANCIS	46
R.W.CHISHOLM	59	ERIK BLUM	25			BOB OLSON	49
ARIZONA	5:16.75	JIM IACOMETTI	29	35 +		T.CHAMBERLIN	46
ED FELICIONI	62	PAUL O'BRIEN	31	R:U OF MINN	93 3:45.22	DAVID GOLDNER	52
RON JOHNSON	62	BRENDAN HALFFMAN	24	PAUL WINDRATH		RINCONADA	5:02.61
RAUL LEYBA	60	SOUTH BAY WAVES	4:03.14	JOHN EVERS		CHRIS PRAEL	52
DALE WEDSTER	68	JAMES COSIER	24	DARRELL SMITH		BILL LORTON	52
GOLD COAST	5:39.44	SCOTT LEE	32	NATHAN LEIGH		JIM SHAW	52
A.DE LA VEGA	69	SCOTT MILBERT	25	U OF SAN FRAN	3:55.88	ED KERSWILL	65
GEORGE LUSTIG	64	ROBERT EBERWINE	33	KENT FORD	40	BMSC	5:03.57
PHILIP LINDSLEY	61	GOLDEN WEST	4:23.88	RICH ATONDO	44	THOMAS TRIPP	51
GEORGE BUSSE	62	DONALD SKEOCH	31	BRAD PENCE	42	YOSHI OYAKAWA	60
MICHIGAN	5:46.00	JEFF RUSS	24	SCOTT HISLOP	35	JOHN MEDICI	56
DONALD MAY	73	BRIAN JAMES	28	O*H*I*O MASTERS	3:57.17	SID HALL	58
TOM REIGEL	63	MICHAEL GREEN	24	LOUIS HORWITZ	41	GOLD COAST	5:16.27
DON KORTEN	67	OMAHA	4:57.66	KARL KAZMAIER	38	CHARLES BLEVINS	47
WILLIAM CLEMENS	65	SEAN LARSON	24	TOM HIEBER	37	CARL HOUSE	54
		JEFFREY STALNAKER	20	JACK GROSELLE	39	BARRY PETERSON	49
		CURTIS STALNAKER	20	WALNUT CREEK	3:57.55	DOUGLAS RITCHIE	47
		RONALD VIOLI	25	CHRIS OSHIRO	37	SWOM	6:00.00
65 +				TOM DUGAN	35	JACK WOOLEGGE	60
R:S CALIF AQU	90 4:28.95			KERRY O'BRIEN	37	KENNETH HEUCK	49
FRANK PIEMME				CARY KENT	41	RANDY SIMONS	45
BOB MERRICK				EL SEGUNDO	4:01.92	R.W CHISHOLM	59
JURGEN SCHMIDT				MICHAEL PATTERSON	39		
LEE ARTH				MARC KELLY	39	55 +	
SAN DIEGO SWIM	5:02.22			MARK RUBKE	41	R:WALNUT CREEK	91 4:55.98
FRED WADSWORTH	65			CHRIS LANSBERG	40	MIKE MILLIMAN	
RAYMOND SPENCER	71			MINNESOTA	4:07.77	CHET WERSHILA	
JERRY SIEFERT	76			STEVE NELSON	41	STAN MORNER	
W.H PHILLIPS	66			JOHN MCCALL	42	STAN PEDDER	
COLONIALS 1776	5:11.20			JIM PELISSIER	49	GOLD COAST	5:10.25
ERNEST MOORE	66			PAUL WINDRATH	40	SHERWIN DROBNER	60
JOHN EMANUEL	69			ROSE BOWL	4:11.64	DONALD SONIA	64
W. MARINO	66			WALTER HITCH	41	HERB KERN	62
ROGER FRANKS	67			STEPHEN LOWE	36	WILLIAM DOLAN	65
				FRED SCHLICHER	45	WALNUT CREEK	5:10.26
75 +				TOM COULTAS	40	DON BROWN	60
R:ST. PETE	91 6:02.78			WEST HOLLYWOOD	4:12.85	CHET WERSHILA	65
JOHN JOHNSTON				PAULO FIGUEIREDO	47	BOB KAHL	60
FRANK TILLOTSON				WAYNE JACKSON	37	BILL MCIVOR	61
KERMIT HOTVEDT				MICHAEL MEALIFFE	53	SAN DIEGO SWIM	5:12.03
WILLIAM MOLLOY				JON BAUER	42	JOHN GOODE	60
NO RELAY TEAMS				GCMT	4:16.52	PETER RIDDLE	56
*****				MICHAEL STICKNEY	37	GORDON GILLIN	63
RELAYS: M E N 400 YD. MEDLEY				R.T HAFERTEPEN	37	BILL EARLEY	57
*****				RICK BAKER	42	OJAI	5:19.00
19 +				JAMES CALLAHAN	36	EDWARD FARRELL	61
R:U OF SAN FRAN	92 3:34.08			ALHAMBRA MASTER	4:16.65	JOHN BLECK	61
GARY YANG				STEPHEN WILDER	43	JEFF FARRELL	57
JOHN HARLOW				PIERRE SMITH	39	JACK SPRACKLIN	63
MARK FIORITO				FABIO ASTUDILLO	41	U OF SAN FRAN	5:27.81
GREG MACKEM				BILL DARBY	46	BOB DANIELSON	64
U OF SAN FRAN	3:42.57			ARIZONA	4:28.30	BOB FEWSTER	55
SEAN WEDDELL	24			JOHN HANSEN	41	JOE ILLICK	59
LIN WANG	19			KURT MICKELSON	39	DAN OSBORNE	60
CHRIS WATERS	31						
JEFF MITCHELL	24						

TOP TEN SHORT COURSE YARDS

WIS MASTERS	5:55.64	MATTHEW KNIGHT	32	LARRY KRAUSER		CHARLES BLEVINS	47
THOMAS MICHELSON	62	MICHAEL STOKES	31	U OF SAN FRAN	7:45.11	BARRY PETERSON	49
ROBERT KUENY	63	ERROL GRAHAM	34	JOHN BRUNNER	36	U OF SAN FRAN	10:19.00
JOHN BAUMAN	63	BMSC	9:23.60	SCOTT HISLOP	35	DOUG AKAGI	50
LYNN SURLS	76	W.P ROSENBERG	36	TAITE DARLINGTON	38	RANDY SCHILLER	45
GOLD COAST	6:16.59	DAVID HYLAND	30	RICHARD GARRETT	40	DON GOODKIN	47
PHILIP LINDSLEY	61	JAMES PROVOST	22	WEST HOLLYWOOD	7:51.57	ELMER TOSTA	45
A.DE LA VEGA	69	BRADFORD WOEFEL	44	BRUCE HATTON	37		
GEORGE LUSTIG	64	IEM	9:53.12	TOM REUDY	39	55 +	
GEORGE BUSSE	62	DAN CAMPBELL	20	SCOTT GENKINGER	35	R:WALNUT CREEK	92 9:41.77
		PAUL HAMRE	43	GARY QUINN	36	STAN MORNER	
65 +		DAVID HELLENTHAL	33	MINNESOTA	8:04.09	FRED TRASK	
R:COLONIALS	92 5:18.61	DAVID NICHOLS	27	JIM STEWART	37	MIKE MILLIMAN	
ROGER FRANKS				JEFF LUKENS	40	DON BROWN	
NORMAN GARSOE		25 +		PAUL WINDRATH	40	SAN MATEO	9:47.60
BIRCH DAVIDSON		R:SANTA CLARA	94 7:00.25	LARRY NYMAN	40	ROGER CAMPBELL	63
JOHN EMANUEL		SERGEY MARINIUK		WALNUT CREEK	8:06.99	BILL STEUART	57
RINCONADA	6:38.42	FRANZ MORTENSEN		KERRY O'BRIEN	37	DICK PETERSON	57
AUGIE MOTMANS	67	MICHAEL MOORE		DAVID AHLMAN	42	STAN PANKO	56
C.FAIRCHILDS	68	JON CHRISTENSEN		CHRIS STEWART	42	WALNUT CREEK	10:01.79
ALDO DA ROSA	76	SANTA CLARA	7:00.25	CHARLIE HANSON	41	MIKE MILLIMAN	59
JOE IRVINE	83	SERGEY MARINIUK	25	MANATEE AQUATIC	8:09.19	BILL MCIVOR	61
		FRANZ MORTENSEN	30	GRANT INMAN	42	STAN PEDDER	59
75 +		MICHAEL MOORE	30	DOUGLAS MATTHEW	41	BOB KAHL	60
R:ST. PETE	91 6:55.99	JON CHRISTENSEN	29	TOM ALDERSON	42	COLONIALS 1776	10:17.05
FRANK TILLOTSON		WALNUT CREEK	7:30.22	THOMAS MONICA	36	HAL BEGEL	64
WILLIAM MOLLOY		GERRY FERRIS	33	U OF SAN FRAN	8:28.69	LARRY SVANE	64
JOHN JOHNSTON		STEVE STAHL	29	WES TANIGAWA	38	JACK KIRLIN	55
KERMIT HOTVEDT		BRAD GOTHBERG	31	BRIAN SKUSE	37	DAVID HARRISON	56
NO RELAY TEAMS		PAT DUGGAN	30	KENT FORD	40	U OF SAN FRAN	10:46.47
*****		U OF SAN FRAN	7:34.67	DAVID CLAMAN	35	DAN OSBORNE	60
RELAYS: M E N 800 YD. FREE		GREG MACKEM	25	JERSEY	8:38.52	TERRY CARLISLE	59
*****		DEAN PANZICA	30	RICHARD WALLACE	46	BOB FEWSTER	55
19 +		T.ANDERSON	27	STEVE PUTTERMAN	40	RAY STEWART	67
R:STANFORD	92 7:22.25	CHRIS WATERS	31	ARNOLD TOREN	43	WIS MASTERS	12:06.09
ANDY WONG		COLONIALS 1776	8:03.55	THOMAS MORONEY	44	JOHN BAUMAN	63
TIM BRODERICK		JOSEPH THIER	30	GOLD COAST	8:43.11	THOMAS MICHELSON	62
JOE MADER		JIM MACK	30	RANDY NUTT	35	ROBERT KUENY	62
SPENCER ELDRED		ANDREW KRAMER	31	DAVID BOUDREAU	35	HARLAN DRAKE	65
DAVIS AQUATIC	7:27.01	D WHITEHEAD	28	DAVID OWEN	42	GOLD COAST	12:50.91
DOUG SMITH	32	BMSC	8:18.02	JAMES KELLEY	43	GEORGE BUSSE	62
RANDY WON	35	JOHN KANGAS	35	SOUTH BAY WAVES	8:59.03	A.DE LA VEGA	69
MICHAEL COLLINS	28	JONATHON EHRMAN	31	ROBERT WHITLEY	44	PHILIP LINDSLEY	61
BRIAN NABETA	24	JOE REINHARDT	32	JOHN PITZER	42	GEORGE LUSTIG	64
NEWPORT-COSTA	7:42.56	JOHN PEARSON	28	RANDY LYMAN	41		
JIM IACOMETTI	29	EMPIRE STATE	8:23.47	JOEL GITELSON	45	65 +	
BRENDAN HALFFMAN	24	IZHAR HARPAP	26	ARIZONA	9:00.52	R:SCAQ	93 10:40.71
ERIK BLUM	25	H. BUCKINGHAM	26	BOB JONES	51	LEE ARTH	
PAUL O'BRIEN	31	GREG DORN	26	MARK PAULSEN	48	JURGEN SCHMIDT	
STANFORD	7:49.33	MARK MARILLEY	29	HUNTER YOST	42	BOB MERRICK	
DANE SPEARING	27	SAN DIEGO SWIM	8:33.19	GLENN PATCHING	35	FRANK PIEMME	
KENNETH O'BOYLE	31	ERIC NEILSEN	28			C-1776	11:55.55
AARON KING	29	JAY GOLDSCHMIDT	27	45 +		W. MARINO	66
CHRIS MORGAN	22	COLIN CHINN	35	R:OLYMPIC CLUB	94 7:56.06	ERNEST MOORE	66
U OF SAN FRAN	7:50.08	KEITH MASON	31	ROBERT STRAND		JOHN EMANUEL	69
BROCK DAVIS	28	PLANTATION	8:38.04	TOD SPIEKER		ROGER FRANKS	67
JEFF PEARGIN	27	TIM ERICKSON	37	TIM BIRNIE		BMSC	12:49.53
LIAM HENNESSEY	30	PAUL MILLER	33	BOB MOMSEN		WILLIAM BROCK	71
SEAN WEDDELL	24	JIM SIMMS	28	THE OLYMPIC CLB	7:56.06	WARREN FOSTER	68
SOUTH BAY WAVES	8:10.17	JOHN PANDAK	38	ROBERT STRAND	48	JOHN FLORANCE	71
JAMES COSIER	24	WEST HOLLYWOOD	8:38.07	TOD SPIEKER	45	EDWARD HABAN	69
SCOTT LEE	32	STEVEN WYLLIE	28	TIM BIRNIE	48	C-1776	13:54.62
BRIAN MERRIGAN	33	JORGE ALATORRE	29	BOB MOMSEN	47	HENRY SHOSTCHUK	76
ROBERT EBERWINE	33	KURT MURDOCH	28	U OF SAN FRAN	8:46.60	NORMAN GARSOE	70
ARIZONA	8:12.28	ROBERT FUENTES	30	DUKE DAHLIN	45	GEORGE MELICK	69
MATT DUKE	23	MINNESOTA	8:54.66	JOHN LADD	48	CHARLES BREEDING	78
SCOTT MENKE	27	RICK REED	43	JULIUS YOUNG	47	U OF SAN FRAN	15:46.27
JOE LINEBARIER	26	WAYDE MULHERN	34	PAUL MENYHARTH	48	JIM BISBEE	67
STEVE HAIGHT	34	JIM HANKO	47	GCMT	9:20.18	RICH SCHOMBERG	67
U OF SAN FRAN	8:13.58	DAVID SIMON	30	TOM HERR	48	VICTOR DEKALB	68
SCOTT ADAMS	29			ROBERT JOYCE	45	FRED ROGERS	71
CHARLES EHM	24	35 +		ROBERT O'KEEFE	49		
JOHN FISHER	31	R:MINNESOTA	92 7:37.33	DOUG VOLZ	49	75 +	
TAKAO HENSCH	27	JAMES STEWART		GOLD COAST	10:17.82	R:ST. PETE	90 13:46.24
WEST HOLLYWOOD	8:51.79	PAUL WINDRATH		CARL HOUSE	54	WILLIAM MOLLOY	
MICHAEL THOMSON	24	NATHAN LEIGH		DOUGLAS RITCHIE	47	FRANK TILLOTSON	

TOP TEN

SHORT COURSE YARDS

KERMIT HOTVEDT		REBECCA MAJOR	30	GLENN PATCHING	36	OREGON	1:53.86
FRED WALBOLT		LORI SCHMIDT	31	JONELLE SCHMIDT	43	GEORGE THAYER	58
NO RELAY TEAMS		ERIC HANSEN	27	JOLYNN BRICKER	40	SANDI ROUSSEAU	46
*****		WALNUT CREEK	1:33.27	JOHN PIECUCH	38	GINGER PIERSON	48
RELAYS: MIXED 200 YD. FREE		STEPHEN STAHL	29	ROCKY MOUNTAIN	1:40.82	RONALD NAKATA	55
*****		GREG REMMERT	31	DAVID GRAY	35		
19 +		WENDY INGRIHAM	30	LEE MACDONALD	42	55 +	
R:LONG BEACH 93	1:31.16	MICHEL GHIGGERI	25	JEAN BUSTARD	36	R:SOUTHERN CAL 87	1:56.25
BERT BERGEN		SAN DIEGO	1:33.56	KAREN ROSENER	40	JOHN HOWE	
MATTHEW MITCHELL		GARY FORTUNE	26	HOUSTON	1:40.87	ANN ADAMS	
SHERRY GAERTNER		DAVID LEDERMAN	27	LANCE GORDON	37	PETER BUCKLEY	
PEGGY GROSS		BETH KNIGHT	34	WILLIAM BONHAM	42	GAIL ROPER	
ARIZONA	1:33.08	KARLYN PIPES	32	VICKI BROWN	37	SAN DIEGO	1:58.41
ERIC WSLHELM	25	ROCKY MOUNTAIN	1:34.69	BARBARA GARTON	36	BILL EARLEY	57
MONICA BAILEY	33	RENATE SCHMIDT	31	LAKESIDE	1:41.10	ADRIENNE PIPES	59
SARAH ANDERSON	23	ELLEN ATKINSON	31	TED LEE	36	BETSY JORDAN	57
BRAD HERING	32	VANCE HOWARD	33	PAM MARTIN	36	LAURANCE HILL	55
LONG BEACH	1:34.09	HOLDEN BANK	34	CHRIS BURCKLE	36	WALNUT CREEK	2:02.12
JEFFREY ROE	21	MARYLAND	1:34.88	MELINDA SCHMITT	35	ANN PISCIOTTA	63
BERT BERGEN	27	PAUL FRENTSOS	32	VAIL	1:42.22	BARBARA JORDAN	56
JILL KEENAN	25	ZENA HERRMANN	34	THOMA LUNDGAARD	38	DON BROWN	60
SHERRY GAERTNER	30	KRISTEN CORBETT	28	SUSAN BEHLER	44	DENNIS BLEDSOE	55
ARIZONA	1:34.19	JOSEPH RATCLIFF	27	EMIL HOLZTASTER	37	ROCKY MOUNTAIN	2:02.51
SIMON PERCY	22	VENICE	1:36.43	TIMOTHY GARTON	51	DONNA RYMAN	57
DIANNE WYGAL	28	DAVID KASTIGAR	29	45 +		DENA MANN	62
ALONSO-PIMENTEL	31	TERI ELLIS	25	R:LOS ALTOS 94	1:40.31	FREDE WENDELKEN	55
JOHN LADERER	29	TAMI ELLIS	26	DICK THOMAS		SANFORD PLATTER	55
STANFORD	1:36.16	BRUCE STAHL	35	DAVID GRAY		MARYLAND	2:06.59
BRIA SCOTTOLINE	29	ROCKY MOUNTAIN	1:37.16	SUSAN ROY		DONALD RICE	60
MARTIE MCKINNEY	29	TIFFANY FORBES	27	CAROLYN BOAK		NANCY BROWN	58
CHRI CHICHESTER	30	SHEIL ARREDONDO	29	LOS ALTOS	1:40.31	FRANCES HAYWOOD	62
CHRISTOP MORGAN	22	BRETT ROSE	29	DICK THOMAS	46	JIM FORSYTHE	56
CRAW	1:36.32	CHARLES HUGO	32	DAVID GRAY	48	DAVIS AQUATIC	2:07.29
ADAM WERTH	24	PALMETTO MASTER	1:37.72	SUSAN ROY	46	PATTI GAY	64
HEATHER HAGEMAN	23	JAN PESAVENTO	42	CAROLYN BOAK	49	ROBERT NORRIS	55
PAIGE HARPER	28	LYNN YOUNG	33	GIMSA	1:44.30	SUSAN MUNN	55
NEIL HARPER	29	HUGH WILDER	46	JOHN BARTON	49	EMORY HAWORTH	58
MARYLAND	1:36.50	JOE SHAKE	35	ROGER JONES	46	RALEIGH AREA	2:10.27
TOM VERDIN	32	C-1776	1:37.84	SALLY HASBROOK	45	ALICE JONES	55
SUSAN JONES	27	ALYSON CHICK	31	SHARON WISE	47	DAWN STROUPE	55
JAMIE GORSKI	33	JOSEPH THIER	30	ROCKY MOUNTAIN	1:45.10	C.LEBOURGEOIS	60
STEVE MUCHOW	24	VIBEKE SWANSON	32	JUDY REED	50	DICK WEBBER	64
SOUTHERN CAL	1:36.64	JOHN GAROFALO	25	JEAN WOOD	46	SAN DIEGO	2:10.46
SARAH TURNER	32	35 +		RICHAR ABRAHAMS	49	JOHN GOODE	60
GREG SCHAFFER	23	R:TEXAS AQUATICS 94	1:34.30	PAUL MCCORMICK	47	ANN DALLAM	63
CINDY LICHTMAN	30	PETER NUNAN		ARIZONA	1:46.21	DUDLEY WOOD	56
JAY CALHOUN	34	DANIEL THOMPSON		BILL PASSEY	45	DAVE DRUM	58
DURHAM AQUATIC	1:37.60	S.NEILSON-BELL		KENDIS DRAKE	45	COLONIALS 1776	2:10.52
RANDY JARMAN	24	KARLENE WISE		JANET GETTLING	45	BARBARA JOHNSON	61
WENDY GILMAN	27	TEXAS AQUATICS	1:34.30	BOB OLSON	49	PAT TULLMAN	57
SHEREEN BARRY	31	PETER NUNAN	36	TAMALPAIS	1:48.06	HAL BEGEL	64
RUSTY KRETZ	32	DANIEL THOMPSON	47	MARK LYON	50	JACK KIRLIN	55
EVANSTON	1:38.15	SA NEILSON-BELL	38	CHARLOT JENKINS	55	SPM	2:11.46
SCOTT FREEMAN	33	KARLENE WISE	40	NANCY RIDOUT	51	HAROLD FERRIS	63
ADRIENNE HAMPO	29	SAN DIEGO	1:37.90	RICHARD BURNS	50	J.G. PIPER	57
BECKY HELLER	30	CHRIS DIXON	36	SOUTHERN CAL	1:48.92	KATE KNIGHT-PERRY	58
SCOTT ADAMS	23	KAREN SING	37	PAUL HENNE	47	C.H. KOHNKEN	62
HOUSTON	1:38.34	SALLY KARRASCH	41	BRIAN MURPHY	45	OJAI	2:12.72
MICHAEL GIROD	31	STIK HENIKA	35	DIANA TODD	50	JEFF FARRELL	57
KAREN JACOBSON	27	MARYLAND	1:39.66	SANDY YOUNG	46	EDWARD FARRELL	61
SHERRI WELDON	23	TIMM ANDERSON	35	LOS ALTOS	1:49.09	MALCHIA OLSHAN	63
JOEL ANDERSON	34	KATHERINE BRANCH	36	TOM BOAK	50	GAY COLLINS	63
25 +		JILL SPRINGER	35	EDWARD CAZALET	51	65 +	
R:S. CAL AQUATIC 90	1:29.40	BUCK CLEMSON	38	KRISTINA KING	46	R:LOS ALTOS 93	2:07.24
CHUCK PONTHER		WALNUT CREEK	1:39.95	ARLE PROEBSTING	51	JAY CRADDOCK	
DIANE GRANER		CARY KENT	42	LONG BEACH	1:49.66	DELLA SEHORN	
KRISTINE BUSH		CATHY COOLEY	36	DAVE FRANK	50	BERNA BENNETT	
PETER MCCLAFFERTY		PATTY LANDERS	37	RONALD DURKEE	54	JOHN RICHARDS	
HOUSTON	1:30.90	JOHN ROEMER	38	MIMI FRANK	47	NEW ENGLAND	2:12.47
JEFF HOLBROOK	35	NEW ENGLAND	1:40.18	LUCY JOHNSON	46	JAMES EDWARDS	71
ROBERT KILLEEN	32	JOHN BENEDICK	43	SAN DIEGO	1:53.30	TED HAARTZ	66
STACY JONES	28	BOB SELTZER	43	KENNETH KIMBALL	63	CLARA WALKER	67
BRIGITTE HEUER	33	TRACY GRILLI	37	DEBORAH PECKHAM	54	BILLIE BURRILL	73
ARIZONA	1:31.77	JOEL FELDMANN	42	BARBARA DUNBAR	45	SAN DIEGO	2:18.16
TROY DALBEY	25	ARIZONA	1:40.31	ROBERT WILLIAMS	51	RICHARD LABAHN	65

TOP TEN

SHORT COURSE YARDS

BOBBI TURCOTTE	66	STACY COSTA	24	JOHN LADERER	29	LAKESIDE	1:53.41
DIANA SILVA	72	HEATHER REAGAN	23	ALONSO-PIMENTEL	31	WILLIAM TINGLEY	43
WILLIAM PHILLIPS	66	TROY DALBEY	25	ERIC WSLHELM	25	CHRIS BURCKLE	36
O*H*I*O MASTERS	2:20.72	STANFORD	1:45.05	REBECCA MAJOR	30	A.WRIGHT-BELKNAP	43
NELSON OTIS	78	MARTIE MCKINNEY	29	VIRGINIA	1:45.77	MELINDA SCHMITT	35
BETTY JANE RUSS	66	BRIA SCOTTOLINE	29	ROBIN HAMPTON	27	EL SEGUNDO	1:53.94
SYLVIA HILL	72	CHRI CHICHESTER	30	NEILL WILLIAMS	26	CHRIS LANSBERG	40
PETER VAN DIJK	65	CHRISTOP MORGAN	22	JAMES WOLFE	25	MAUREEN KIKUT	49
ROCKY MOUNTAIN	2:28.10	WALNUT CREEK	1:47.07	ALICE PHILLIPS	28	KIM SHOCKLEY	42
HERB WALLOWER	72	PATRICK DUGGAN	30	EL SEGUNDO	1:46.05	MICHA PATTERSON	39
WALT LINDSTROM	71	KAREN HEARD	23	DI GRANER GALLAS	30		
LOUISE MANN	66	JEFFREY ROGERS	27	MARC KELLY	39	45 +	
CATHY WRENN	67	PAULA ROEMER	33	MARK RUBKE	41	R:LOS ALTOS	94 1:52.68
ST. LOUIS	2:28.31	NASA	1:47.25	AIMEE BERZINS	26	DICK THOMAS	
JEAN SCHNORBUS	67	ERIC MAURER	23	WALNUT CREEK	1:46.20	SUSAN ROY	
REGAN KENNER	70	DAVID EVERHART	29	PAMEL BOSCOVICH	31	CAROLYN BOAK	
DON SERY	69	CHANDRA HAISLET	24	JOHN SCHWENGER	28	DAVID GRAY	
ROBERT BLAKE	69	HEATHER RIDGE	29	DAN MENDENHALL	27	LOS ALTOS	1:52.68
HOLMES LUMBER	2:30.06	U OF SAN FRAN	1:47.66	WENDY INGRIHAM	30	DICK THOMAS	46
RICHARD AVERY	71	CYNTHIA HINSHAW	24	MARYLAND	1:46.22	SUSAN ROY	46
GERTRUD ZINT	76	JENNY TOTON	24	ZENA HERRMANN	34	CAROLYN BOAK	49
JEAN BEERS	71	KEVIN REYNARD	29	JOSEPH RATCLIFF	27	DAVID GRAY	48
ROGERS HOLMES	72	VICTOR CASTILLO	27	PAUL FRENTSOS	32	ARIZONA	1:57.97
RINCONADA	2:32.69	U OF SAN FRAN	1:47.71	DEBORAH ZIMIC	32	KENDIS DRAKE	45
AUGIE MOTMANS	65	KATIE WELCH	19	C-1776	1:46.45	JANET GETTLING	45
NAN BLACKLEDGE	69	LIN WANG	24	PETER DARDARIS	35	BILL PASSEY	45
SALLY SCHOLER	70	PAM FRANKLIN	24	MARK SCHUMAN	38	BOB OLSON	49
ALDO DA ROSA	76	SEAN WEDDELL	24	APRIL LONG	34	TAMALPAIS	2:00.23
COLONIALS 1776	2:37.74	ARIZONA	1:48.06	BRENDA BARTLETT	33	RICHARD BURNS	50
CAROLYN DERR	66	MARY KAIN	26			GARY PARLAPIANO	47
W. MARINO	66	ROBERT SCHLYER	24	35 +		CHARLOT JENKINS	55
MARIANNA HAGAN	65	DOUGLAS HAMLIN	25	R:S. CAL AQUATIC 92	1:44.23	NANCY RIDOUT	51
JOHN EMANUEL	69	SANDY HARFIELD	30	CLAY EVANS		OREGON	2:00.40
SMS	2:40.24	CRAW	1:48.17	KAREN MELICK		ROBERT SMITH	50
BALINT PAPP	72	NEIL HARPER	29	JIM BELARDI		GINGER PIERSON	48
BARDI DENDY	73	PAIGE HARPER	28	BONNIE ADAIR		BERT PETERSEN	55
EDNA GORDON	67	ADAM WERTH	24	SOUTHERN CAL	1:49.88	SANDI ROUSSEAU	46
C.P. RANDALL	65	HEATHER HAGEMAN	23	CLAY EVANS	40	GIMSA	2:00.60
LONG BEACH	2:44.01	HOUSTON	1:48.22	FRED HUBBELL	41	ROGER JONES	46
MAURINE KORNFELD	72	LANCE GORDON	37	BONNIE ADAIR	41	SALLY HASBROOK	45
MAXINE MERLINO	81	MICHAEL GIROD	31	DIANE DAGOSTA	37	JOHN BARTON	49
LOUIS GIBERSON	73	KAREN JACOBSON	27	SAN DIEGO	1:50.05	SHARON WISE	47
BRION WINSHIP	76	SHERRI WELDON	23	SALLY KARRASCH	41	LONG BEACH SWIM	2:01.00
		SOUTHERN CAL	1:48.34	RONALD MARCIKIC	44	MIMI FRANK	46
75 +		AMANDA HARRIS	22	KAREN SING	37	DAVE FRANK	50
R:RINCONADA	87 2:44.49	GREG SCHAFFER	23	WILLIE WACHOB	41	LUCY JOHNSON	46
ART RULE		CINDY LICHTMAN	30	WALNUT CREEK	1:50.41	GREGORY FINK	45
BEE JOHNSON		JAY CALHOUN	34	PATTY LANDERS	37	SOUTHERN CAL	2:02.69
ELLEN TAIT				JOHN ROEMER	38	BRIAN MURPHY	45
JOE IRVINE		25 +		DEBBI FLANSBURG	38	PAUL HENNE	47
DC MASTERS	2:57.33	R:LONE STAR	91 1:39.01	CARY KENT	42	DIANA TODD	50
JEAN CHENAU	80	MOOK RHODENBAUGH		ROCKY MOUNTAIN	1:50.99	SANDY YOUNG	46
NANCY CLARK	79	GREG RHODENBAUGH		CHUCK WOLFF	42	ROCKY MOUNTAIN	2:03.65
CHUCK ROY	80	VAL KERR-HAUGE		DAVID GRAY	35	JUDY REED	50
KELLY LEMON	81	AMY PLESS		KAREN ROSENER	40	J MURPHY-SHERMAN	49
DUPAGE	3:06.56	BAYLOR/L STAR	1:42.78	JENNIFER WRENN	39	RICHAR ABRAHAMS	49
PAUL MENZIES	77	JAY YARID	31	MARYLAND	1:50.99	PAUL MCCORMICK	47
ELMER PIECE	79	VAL HAGUE	33	KATHERINE BRANCH	36	NEW ENGLAND	2:04.02
LOUISE JONES	76	BOBBY PATTEN	31	TIMM ANDERSON	35	SUSAN MAGUIRE	45
LOUISE DONOVAN	75	MICHELLE CHOW	25	JOHN PROTZMAN	36	PHILLIP WHITTEN	50
SPM	3:16.83	ROCKY MOUNTAIN	1:43.73	JILL SPRINGER	35	BRUCE HUNTER	54
KERMIT HOTVEDT	79	COLLETTE HOWARD	29	VAIL	1:52.24	SUE TENDY	45
WIN KENNEDY	80	HOLDEN BANK	34	LIBBY LUNDGAARD	40	ARIZONA "B"	2:06.75
F.E. CICHANSKI	77	JAMES LILLEY	34	BILL GRIFFITH	47	KATHY KRUCKER	45
JOHN JOHNSTON	78	AN PETTIS SCOTT	31	TOM LUNDGAARD	38	ROBERT LEWIS	50
*****		HOUSTON	1:43.88	EMILY HOLZFASTER	37	RICH KRAMER-HOWE	52
RELAYS: MIXED 200 YD. MEDLEY		JEFF HOLBROOK	35	ARIZONA	1:52.68	JUDY GILLIES	46
*****		ROBERT KILLEEN	32	GLENN PATCHING	36		
19 +		STACY JONES	28	KURT MICKELSON	39	55 +	
R:H2OUSTON	92 1:42.81	BRIGITTE HEUER	33	JOLYNN BRICKER	40	R:D.C. MASTERS	92 2:10.35
STACY JONES		SAN DIEGO	1:44.72	JONELLE SCHMIDT	43	SKIP MONSEIN	
DAVID GUTHRIE		KARLYN PIPES	32	WEST HOLLYWOOD	1:52.86	KENNETH FLYNN	
RUSS KNEIPP		GARY FORTUNE	26	JAMES BALLARD	36	BETTY BREY	
SHERRI WELDON		GEORGE PLSEK	25	KAREN MELICK	36	JAYNE BRUNER	
ARIZONA	1:43.85	BETH KNIGHT	34	BRUCE HATTON	37	WALNUT CREEK	2:12.77
SIMON PERCY	22	ARIZONA	1:44.96	MORRI SPANG	37	BARBARA JORDAN	56

TOP TEN

SHORT COURSE YARDS

ANN PISCIOTTA	63	RICHARD AVERY	71	DOUG SMITH	32	VENICE MASTERS	3:48.48
DON BROWN	60	GERTRUD ZINT	76	CHRISTINE SCHULTZ	23	DAN BORTON	26
DENNIS BLEDSOE	55	ROGERS HOLMES	72	MISSY LESTRANGE	41	TERI ELLIS	25
SAN DIEGO	2:13.79	JEAN BEERS	71	BRIAN NABETA	24	LARA FORMAN	25
BETSY JORDAN	57	SAN DIEGO	2:46.57	SANTA CLARA	3:43.53	BRUCE STAHL	35
LAURANCE HILL	55	DIANA SILVA	72	FRANZ MORTENSEN	30	SAN DIEGO SWIM	3:49.73
JEANNE LITTLE	57	FRED WADSWORTH	65	MIKE MOORE	30	ERIC NEILSEN	28
DAVE DRUM	58	RICHARD LABAHN	65	EVE WALTON	32	MARY ELLEN ANDERS	33
SAN DIEGO	2:22.37	BOBBI TURCOTTE	66	ALISON BENKE	22	KEITH MASON	31
BILL EARLEY	57	SOUTHERN CAL	2:56.33	WALNUT CREEK	3:43.95	KARLYN PIPES	32
PETER RIDDLE	56	GEORGE BRINTON	69	KAREN HEARD	23	LONG BEACH SWIM	3:50.43
ADRIENNE PIPES	59	KOTOKO KROESEN	69	SUZANNE HEIM	35	LUCY JOHNSON	46
DUDLEY WOOD	56	FRANK PIEMME	69	JOHN SCHWENGER	28	MICHAEL HEATHER	39
ROCKY MOUNTAIN	2:23.47	MARIE WALLACE	65	LARRY TAJIRI	28	JILL KEENAN	25
DENA MANN	62	NIAGARA	2:56.93	U OF SAN FRAN	3:46.12	DAVID RYAN	33
DONNA RYMAN	57	JOHN CRANCH	71	L.CLAVADETSCHER	23		
SANFORD PLATTER	55	GEORGE MCVEY	66	ZAPPA KENNEDY	20	35 +	
FREDE WENDELKEN	55	BETTY DUNN	69	MARY LEE	24	R:LOS ALTOS	90 3:40.82
DAVIS AQUATIC	2:26.05	NAN SCHOEPPERLE	69	JEFF PARGIN	27	CAROLYN BOAK	
ROBERT NORRIS	55	RINCONADA	2:57.94	EMPIRE STATE	3:49.01	LARIE VAL	
EMORY HAWORTH	58	EDWARD MOTMANS	68	V.MCDONALD	22	FRED MITCHELL	
SUSAN MUNN	55	PATSY WEISS	71	MICHAEL SHEREN	30	ED CAZALET	
PATTI GAY	64	AUGIE MOTMANS	66	V.GIBBONS	22	EMPIRE STATE	3:42.43
OJAI	2:27.02	SALLY SCHOLER	70	GRAHAM MAXTONE	34	C.SAINT-AMOUR	41
GAY COLLINS	63	COLONIALS 1776	3:01.01	EMPIRE STATE	3:49.36	GWEN DEELY	44
JOHN BLECK	61	MARY WIXTED	72	ROBERT KRUEGER	24	KAREN FARNSWORTH	38
JEFF FARRELL	57	JOHN EMANUEL	69	TINA PIANTIDOSI	26	MATT CLARK	37
MALCHIA OLSHAN	63	MARIANNA HAGAN	65	MICHELLE HUYETTE	25	WALNUT CREEK	3:52.10
RALEIGH AREA	2:27.08	ERNEST MOORE	66	PAUL FORTOUL	35	PATTY LANDERS	37
ALICE JONES	55			SOUTH BAY WAVES	3:50.54	DEBBIE FLANSBURG	38
DAWN STROUPE	55	75 +		ROBERT EBERWINE	33	JOHN ROEMER	38
C.LEBOURGEOIS	60	R:D.C. MASTERS	92 3:11.96	JENNIFER O'CONNOR	31	TOM DUGAN	35
DICK WEBBER	64	ANNE WALKER		SHARON LAW	36	U OF SAN FRAN	3:55.20
NEW ENGLAND	2:28.32	KELLEY LEMMON		STEVEN JANZ	22	SCOTT HISLOP	35
SUSA LIVINGSTON	55	NANCY CLARK				MARY SAAL	40
BARR CLAYSON	58	BERT KASSELL		25 +		DIANE GARCIA	42
CLAIRE O'BRIEN	55	DC MASTERS	3:37.48	R:U OF SAN FRAN	92 3:27.39	JOHN BRUNNER	36
JAMES EDWARDS	71	MARY LATHRAM	78	DAN KNIGHT		SIERRA NEVADA	3:55.99
HOLMES LUMBER	2:30.17	CHUCK ROY	80	KELLY ASPLUND		STEVE LINTZ	43
JACK BEATTIE	59	ANNE WALKER	78	MICHELLE YOUNG		CELESTE MILLER	44
JEAN STERLING	57	KELLY LEMON	81	MATT JONES		GWEN SHONKWEILER	36
TELFAIR MAHAFFY	58	RINCONADA	3:51.01	U OF SAN FRAN	3:30.42	BUTCH NELSON	46
E.J. BEATTIE	57	BERNICE SILBER	81	GARY YANG	25	STANFORD	3:56.37
MARYLAND	2:31.61	PAT KELLER	75	JILL ROTHKOPF	27	BRIAN JOB	42
KEN POLLOCK	61	ALDO DA ROSA	76	LORETTA SOFFE	27	JUDY HELLER	38
NANCY BROWN	58	ELLEN TAIT	83	DAN VEATCH	28	DANIELLE OGIER	41
YU-JIN LEE	60	LONG BEACH	3:57.58	U OF SAN FRAN	3:32.36	JIM KAUFFMAN	46
FRANCES HAYWOOD	62	DON NEEFE	85	JOHN HARLOW	25	U OF SAN FRAN	3:57.96
		MADELEIN MILLER	83	CATHY FLORKOWSKI	26	TAITE DARLINGTON	38
65 +		MAXINE MERLINO	81	ANDY GELLER	25	MARLA MCGOWAN	39
R:NEW ENGLAND	94 2:22.44	WOODR BOWERSOCH	80	JANET HAUER	25	RICHARD GARRETT	40
CLARA WALKER		*****		WALNUT CREEK	3:37.09	PHYLLIS QUINN	38
TED HAARTZ		RELAYS: MIXED 400 YD. FREE		MICHELLE GHIGGERI	25	RINCONADA	3:58.15
WIN WILSON		*****		PAM BOSCOVICH	31	FRED FARLEY	40
JOAN MCINTYRE		19 +		STEVE STAHL	29	MARIANNE BREMS	44
NEW ENGLAND	2:22.44	R:U OF SAN FRAN	92 3:25.18	GERALD FERRIS	33	JUDITH SCHWARTZ	39
CLARA WALKER	67	GREG MACKEM		U OF SAN FRAN	3:39.32	KEN FATLAR	37
TED HAARTZ	66	JENNIFER SADLER		CHRIS WATERS	30	WALNUT CREEK	4:05.19
WINTHROP WILSON	67	BRENDA WICKLUND		NATALIE EFFA	26	JULIE MCKINLEY	36
JOAN MCINTYRE	65	GARY YANG		DEAN PANZICA	31	KAREN REILLY	36
O*H*I*O MASTERS	2:36.19	U OF SAN FRAN	3:34.13	AMY STEWART	30	MAL JESTER	44
PETER VAN DIJK	65	JENNY TONON	23	COLONIALS 1776	3:41.68	DAVID AHLMAN	42
PAUL KRUP	76	VICTOR CASTILLO	29	JOSEPH THIER	30	MANATEE AQUATIC	4:08.98
BETTY JANE RUSS	66	PAM FRANKLIN	24	LAURIE HUG	29	RUTH SHAPS	45
SYLVIA HILL	72	SEAN WEDDELL	24	ALYSON CHICK	31	PAM WOLF	41
WALNUT CREEK	2:38.48	STANFORD	3:35.47	JIM MACK	30	TOM ALDERSON	42
BETTY MCMILLAN	65	MARK GOLDMAN	23	SIERRA NEVADA	3:43.83	GRANT INMAN	42
CHESTE WERSHILA	65	MARTIE MCKINNEY	29	KAREN LEFABRE	26	PLANTATION	4:10.85
FRED TRASK	66	KANA SHIBUYA	22	MARK SCHLANG	30	MARCIA BARRY	45
BETTY BARABASH	65	CHRIS MORGAN	23	NANCY ROSE	32	COLLEEN HANSTEIN	40
ARIZONA	2:44.17	U OF SAN FRAN	3:37.90	CHIP HOBSON	26	RICK JOHNSON	37
DALE WEBSTER	68	CYNTHIA HINSHAW	24	U OF SAN FRAN	3:45.77	JOHN PANDAK	38
MARIAN WOLLE	66	GREG MOORE	20	BROCK DAVIS	28		
NANCY MACBETH	65	KATIE WELCH	24	SUZANNE MARTIN	28	45 +	
JORDAN WOLLE	65	JEFF MITCHELL	25	KEVIN REYNARD	29	R:LOS ALTOS	93 3:57.80
HOLMES LUMBER	2:46.47	DAVIS AQUATIC	3:38.60	CAROL BADGER	34	ED CAZALET	

TOP TEN

SHORT COURSE YARDS

CAROLYN BOAK		DONNA MONROE	60	CHARLES ROY		STEVE STAHL	
DAVE GRAY		MARIETTA KAHL	60	KELLEY LEMMON		SARA SHAND	
KRISTI KING		MIKE MILLIMAN	59	DC MASTERS	6:52.98	WALNUT CREEK	4:10.60
DC MASTERS	4:09.33	STAN PEDDER	59	ANNE WALKER	78	PAM BOSCOVICH	31
ANN LYTTLE	46	ST. LOUIS	5:31.91	JEAN CHENAUX	80	JOHN SCHWENGER	27
LEE BETTIS	56	WILLIAM CANNON	63	CHUCK ROY	80	JEFF RODGERS	27
RUTH BENNETT	47	CHERYL CORBETT	61	KELLY LEMON	81	SUZY HANSEN	31
P. GRUENBERGER	47	JEAN SCHNORBUS	67	RINCOMADA	7:51.49	LOS ALTOS	4:11.46
DAVIS AQUATIC	4:19.27	ROBERT BLAKE	69	JOE IRVINE	83	GREG DOYAS	30
ANDY MCPHERSON	47	U OF SAN FRAN	5:59.72	BERNICE SILBER	81	LUCILLE GLASSMAN	30
GAYLE BONDURANT	46	ED HOWES	59	ELLEN TAIT	83	RANDY COX	31
BETTY DUGAN	52	MARY ALLEN	61	ALDO DA ROSA	76	AIMEE LEHR	26
JIM FRAMPTON	47	PAUL WARREN	56	*****		STANFORD	4:13.72
U OF SAN FRAN	4:20.66	HALLE HEWITT	55	RELAYS: MIXED 400 YD. MEDLEY		C. CHICHESTER	30
SUSAN ALLEN	49	RALEIGH AREA	6:11.79	*****		MARTIE MCKINNEY	28
SUSAN LOMBARDI	45	MIKE STROUPE	56	19 +		KEN O'BOYLE	31
DUKE DAHLIN	45	DAWN STROUPE	55	R:U OF SAN FRAN	91 3:58.70	DANE SPEARING	27
JULIUS YOUNG	47	DUDLEY DEAN	68	JILL ROTHKOPF		SAN DIEGO SWIM	4:18.06
TAMALPAIS	4:20.75	ALICE JONES	55	PERRY WU		KARLYN PIPES	32
MARK LYON	50			DAVE SCHRAVEN		MARY ELLEN ANDERS	33
NANCY RIDOUT	52	65 +		LORETTA SOFFE		ERIC NEILSEN	28
CHARLOTTE JENKINS	55	R:CONNECTICUT	87 5:15.84	WALNUT CREEK	4:03.63	JAY GOLDSCHMIDT	27
BEN WRIGHT	51	D. DONNELLY		GERRY FERRIS	32	WEST HOLLYWOOD	4:22.56
RINCOMADA	4:23.63	N. PHILLIPS		KAREN HEARD	24	LISA BOVE	33
DICK BALL	49	R. CHAMBERLAIN		CHRIS BOND	27	MATTHEW KNIGHT	32
SUE KELLY	46	J. JERROLD		M. GHIGGERI	24	ROBERT FUENTES	30
W. CAVANAUGH-BALL	53	C1776	5:16.01	EMPIRE STATE	4:07.88	KATHLEEN WALSH	33
JIM SHAW	52	ROGER FRANKS	67	JOHNNY MORA	30	BMSC	4:26.25
GOLD COAST	4:50.57	ERNEST MOORE	66	JACK MACKENROTH	24	JOE REINHARDT	32
B. EDELMAYER	47	JEANNE MERRYMAN	71	CHARLES CARSON	39	MARILYN HEID	28
M SANFORD	51	CAROLYN DERR	66	BRAD COLE	35	JOHN PEARSON	28
DOUGLAS RITCHIE	47	SAN DIEGO SWIM	5:29.55	EMPIRE STATE	4:07.99	LAURA KESSLER	32
BARRY PETERSON	49	FRED WADSWORTH	65	RAY CULLOM	28	LAS VEGAS	4:35.61
U OF SAN FRAN	4:56.74	BOBBY TURCOTTE	66	ROBERT VALENTIN	24	PAT REEVE	40
DOROTHY REMINGTON	48	DIANA SILVA	72	BRIAN ROBINSON	27	BILL CARROLL	38
JOHN LADD	48	RICHARD LABAHN	65	MICHAEL RITTER	30	GINA DE MARCO	31
NANCY STRETCH	54	RINCOMADA	5:54.79	STRWB'R'Y CANYON	4:08.58	EDWIN PYLE	44
BILL MCGRANE	46	NAN BLACKLEDGE	69	K. COMANOR	20	C1776	4:37.55
WALNUT CREEK	5:20.09	AUGIE MOTMANS	66	BRIGITTE BILLITER	22	ALYSON CHICK	31
J. DESBARATS	50	C. FAIRCHILD	68	KENT PALMER	20	D. WHITEHEAD	28
JOAN ALEXANDER	62	PATSY WEISS	71	GRANT JENKINS	20	ANDREW KRAMER	31
HAROLD BOSCOVICH	51	WALNUT CREEK	6:21.03	IEM	4:14.95	JOANNE GADD	28
NEIL STRATTON	52	BETTY BARABASH	65	RICHARD SWOBODA	27	ALMADEN SWIM	4:42.62
U OF SAN FRAN	5:24.40	CHET WERSHILA	65	TRACIE HARANG	21	JANIC LESYNA	27
DON GOODKIN	47	BETTY MCMILLAN	65	DAVID BARNES	38	ERIKA WALTHER	25
KAY ELLYARD	53	BILL JOHNSTON	75	JANET POORMAN	29	WALT DEN DAAS	36
INGO ORLAMUNDER	53	U OF SAN FRAN	6:29.54	WEST HOLLYWOOD	4:19.22	DAVE CLARE	44
BARBARA LAMBERTO	49	RAY STEWART	67	ANDREA DEVUONO	31	OMAHA	4:42.78
		ANNA LISA RECCHIA	71	MICHAEL THOMSON	24	JEAN APKER	34
55 +		JIM FRANKEL	70	E HALOUZKA	29	TODD SAMLAND	31
R:NEW ENGLAND	87 4:34.21	MARGARET VOORHEES	65	LUIS SALAZAR	27	JOHN APKER	33
TOM LYNDON		SAN MATEO	6:34.18	EMPIRE STATE	4:27.30	TRISH HARTIGAN	39
TED HAARTZ		HILDA BUEL	80	MARK TOBIN	32		
M MARTIN		ZADA TAFT	74	RONALD LUCE	38	35 +	
D REED		RAY TAFT	74	ALEXANDER HALL	22	R:EMPIRE STATE	93 4:07.14
WALNUT CREEK	4:52.01	BOB CUNNINGHAM	65	CRAIG MCELROY	32	KAREN FARNSWORTH	
BARBARA JORDAN	56	NIAG	6:48.04	STANFORD	4:37.95	CRAIG SAINT-AMOUR	
ANN PISCIOTTA	63	GEORGE BAUMAN	79	BARRY FASBENDER	56	MATT CLARK	
DON BROWN	60	JOHN CRANCH	71	MARK GOLDMAN	22	GWEN DEELY	
BILL MCIVOR	61	IRENE D'AGOSTINO	67	MARGOT HANSEN	43	WALNUT CREEK	4:08.91
COLONIALS 1776	5:02.73	SUSANNA MARVEL	74	CINDY CLEMENTS	32	PATTY LANDERS	37
HAL BEGEL	64	U OF SAN FRAN	6:57.17	LOS ALTOS	4:38.30	JOHN ROEMER	39
ELIZABETH KRUPKA	56	MARY GREER	72	MAIKE SILVER	29	SUZANNE HEIM	35
BARBARA JOHNSON	61	RICH SCHOMBERG	67	STEFAN WYNN	23	CARY KENT	41
JACK KIRLIN	55	SARAH DAVIS	70	URSULA HESTER	22	EMPIRE STATE	4:09.22
U OF SAN FRAN	5:19.81	VICTOR DEKALB	68	MARK FEDERIGHI	20	KAREN FARNSWORTH	38
TERRY CARLISLE	59	C1776	7:11.07	WALNUT CREEK	4:38.89	MATT CLARK	37
TANK HAGIWARA	55	JOHN EMANUEL	69	DAVE COOL	32	C. SAINT-AMOUR	41
BOB FEWSTER	55	FAY BECK	67	SOPHIA OSBORNE	32	GWEN DEELY	44
MARY COFFEY	55	W. MARINO	66	ROBIN FEWSTER	24	WEST HOLLYWOOD	4:15.87
DAVIS AQUATIC	5:21.40	FLORENCE MELICK	72	SCOTT GRAVEM	39	BRUCE HATTON	37
EMORY HAWORTH	58					KAREN MELICK	36
SUSAN MUNN	55	75 +		25 +		GARY QUINN	36
JOYCE HAWORTH	56	R:D.C. MASTERS	94 6:52.98	R:WALNUT CREEK	91 3:51.18	MORRI SPANG	37
STEVE CARLSON	74	ANNE WALKER		PAM BOSCOVICH		STANFORD	4:19.34
WALNUT CREEK	5:23.15	JEAN CHENAUX		TOM FRISTOE		EILEEN WALL	36

TOP TEN

SHORT COURSE YARDS

DANIELLE OGIER	41	MARILYN SMITH	48	RAY TAFT	74	GOLD COAST	9:39.82
BRIAN CROWLEY	36	DAVID KORB	50	ZADA TAFT	74	DAVID BOUDREAU	35
TIM BRODERICK	43	ROCKI KRAMER	48			JOE HUTTO	42
WALNUT CREEK	4:19.83	VIRGIL MCVICKER	58	75 +		ANITA ALLEN	40
CHRIS OSHIRO	36			R:RINCONADA	91 9:27.58	DEBBIE LAKE	30
DIANNE HEINSON	38	55 +		BERNIE SILBER		RUTGERS U	10:38.17
DEBBIE FLANSBURG	38	R:WALNUT CREEK	91 5:17.37	BERNARD SILBER		KAREN MARKLEY	38
KERRY O'BRIEN	36	DON BROWN		ED BLACKLEDGE		MARK LACCETTI	26
LOS ALTOS	4:21.89	ANN PISCIOTTA		ELLEN TAIT		M. SCHMUTZ	39
LAURA VAL	42	STAN MORNER		NO RELAY TEAMS		PAUL RYDER	26
CATHY SCHULBACH	40	BETTY BARABASH		*****			
STEVEN STRONG	39	WALNUT CREEK	5:27.36	RELAYS: MIXED 800 YD. FREE		35 +	
CARL DAUGHTON	39	DON BROWN	60	*****		R:LOS ALTOS	93 8:07.69
MOUNTAIN VIEW	4:36.65	ANN PISCIOTTA	62	19 +		ED CAZALET	
LISA AKERMAN	35	JOAN ALEXANDER	61	R:DAVIS	92 7:48.42	LAURA VAL	
LOWELL STAVELAND	36	BOB KAHL	60	ANNA SCOTT		CATHY SCULBACH	
JULIE PAQUE	35	LOS ALTOS	5:37.69	C. CHICHESTER		STEVE STRONG	
JOHN RIZZO	36	JACK MCCANN	72	ANDY MCPHERSON		COLONIALS 1776	9:17.96
PLANTATION	4:37.44	DELLA SEHORN	66	DARREN DUTTO		JOHN MCSHANE	42
MARCIA BARRY	45	ROBERT PROEBSTING	56	EMPIRE STATE	8:26.09	MAUREEN KILGARIFF	36
PAUL MILLER	35	CLARINE ANDERSON	58	MICHELE HUYETTE	25	PATRICIA TIMMINS	40
TIM ERICKSON	37	C1776	5:45.54	KAI HINKATY	27	ROBERT KROTEE	39
COLLEEN HANSTEIN	40	JANET MOELLER	59	ALEXANDER HALL	22	ALHAMBRA	9:31.77
GCMT	4:39.76	LARRY SVANE	64	M.CLEVELAND	30	WENDY STONESIFER	35
MICHAEL STICKNEY	37	HAL BEGEL	64	EMPIRE STATE	8:39.66	KERRI NAUFUL	37
MANDY SHUMAKER	38	BARBARA JOHNSON	61	V.MCDONALD	22	STEPHEN WILDER	43
JAMES CALLAHAN	36	WALNUT CREEK	6:09.84	MICHAEL SHEREN	30	BILL DARBY	46
KAREN IRVINE	37	MIKE MILLIMAN	60	V.GIBBONS	22	EMPIRE STATE	9:44.41
WALNUT CREEK	4:45.19	STAN MORNER	59	JACK STAVROS	33	JANE KATZ	51
GENE HART	40	DONNA MONROE	60	GOLD COAST	8:57.35	JOE MCMANUS	41
ANN BERBERI	37	SALLY MORNER	57	SHELLY MICKA	24	CHARLES CARSON	39
DENNIS SHANNON	40	OJAI	6:10.94	LISA SHOPE	35	KAREN SAUVIGNE	45
JULIE MCKINLEY	36	GAY COLLINS	63	RANDY NUTT	35	WEST HOLLYWOOD	10:01.25
		EDWARD FARRELL	61	DAVID OWEN	42	MARK SPRATT	38
		MALCHIA OLSHAN	63	ALHAMBRA MASTER	9:16.44	JESSICA SEATON	41
		JEFF FARRELL	57	SUSAN HUMMER	24	JAN LEVINRAD	46
				FABIO ASTUDILLO	41	ROBERT COOK JR.	36
45 +				JOAN VER HALEN	24	GOLD COAST	10:51.91
R:LOS ALTOS	94 4:21.50			STEVE LATTA	26	CHARLES BLEVINS	47
DICK THOMAS		65 +		RUTGERS U	9:30.00	RORIE ANDERSON	43
SUSAN ROY		R:COLONIALS 1776	93 5:50.65	MICHELE MILLER	21	JAMES KELLEY	43
CAROLYN BOAK		JEANNE MERRMAN		BRIAN CARR	26	LUCY LEBEAU	38
DAVID GRAY		ROGER FRANKS		MARA COHEN	19	OJAI	11:57.15
LOS ALTOS	4:21.50	JOHN EMANUEL		TIMOTHY POWERS	25	JACK DAVID	36
DICK THOMAS	46	CAROLYN DERR		VENICE MASTERS	9:56.98	JOHN SELZER	38
SUSAN ROY	45	C1776	6:03.37	JONATHAN DAVIS	31	DAWN BRINKER	44
CAROLYN BOAK	48	JEANNE MERRYMAN	71	MEREDITH TAKARA	24	DONNA LECHMAN	35
DAVID GRAY	47	NORMAN GARSOE	70	TAMI ELLIS	26		
LOS ALTOS	5:22.97	ROGER FRANKS	67	JOHN KOCKER	39	45 +	
JAMES DULEY	54	CAROLYN DERR	66	RUTGERS U	10:03.92	R:LOS ALTOS	92 9:09.04
MARJORY WYNN	49	WALNUT CREEK	6:16.58	MARY FORMAN	24	ED CAZALET	
ED CAZALET	51	ELFRIEDE ROGERS	65	BRIAN MICHALUK	22	GRACE VOSS	
ARLENE PROEBSTING	50	CHET WERSHILA	65	WENDY SHEAY	28	CAROLYN BOAK	
SPM	5:32.45	FRED TRASK	65	AARON MOORE	28	DAVE GRAY	
PETER BETZER	51	BETTY BARABASH	65			GOLD COAST	10:35.72
SANDY STEER	54	SAN DIEGO SWIM	6:31.58	25 +		B.EDELMAIER	47
JAYNE LAMBKE	54	DIANA SILVA	72	R:WALNUT CREEK	91 7:41.32	M SANFORD	51
C.H. KOHNKEN	62	FRED WADSWORTH	65	JOHN BOEGMAN		DOUGLAS RITCHIE	47
STRWBR'Y CANYON	5:41.25	WILLIAM PHILLIPS	66	CATHY COOLEY		BARRY PETERSON	49
LINDSEY BOWER	45	BOBBI TURCOTTE	66	SARA SHAND		C1776	10:56.96
ARLENE WAKSBERG	48	NIAG	7:25.91	GREG REMMERT	8:09.35	PEGGY GALLAGHER	46
JEREMY COHEN	45	JOHN CRANCH	71	C1776		BARBARA HOELLEN	51
JUDY SARNA	54	HERMAN FOREST	73	MARTHA BENT	34	BILL LA BARR	53
WALNUT CREEK	5:50.00	IRENE D'AGOSTINO	67	ERIC HAWKINS	30	NEAL CONRAD	45
JIM KING	47	SUSANNA MARVEL	74	JOSEPH THIER	30	OJAI	12:37.55
J.DESBARATS	51	OJAI	7:34.17	VIBEKE SWANSON	32	HARRY DELATRE	47
JESSE SMYERS	47	JOHN MELVILLE	74	VENICE MASTERS	8:32.61	DANIEL TURBEVILLE	46
MARIETTA KAHL	60	MAGGIE MORS	68	DAVID KASTIGAR	29	ISSA AINSWORTH	47
STRWBR'Y CANYON	5:52.83	GRACE ALTUS	70	LARA FORMAN	25	C SPRACKLIN	49
KATE COLEMAN	51	BOYD FORD	69	TERI ELLIS	25		
JERRY ABAD	55	C1776	8:08.67	BRUCE STAHL	35	55 +	
KIM HOOPER	54	GEORGE MELICK	69	WEST HOLLYWOOD	8:50.69	R:WALNUT CREEK	93 10:27.41
CAROL RIDDELL	46	FAY BECK	67	ANDREA DEVUONO	31	BOB KAHL	
ALMADEN SWIM	5:57.80	JOHN EMANUEL	69	E HALOUZKA	29	ANN PISCIOTTA	
MARILYN BLISS	47	FLORENCE MELICK	72	PHILIP HAYMAN	32	BARBARA JORDAN	
ROSSE HEMEON	63	SAN MATEO	8:33.48	LUIS SALAZAR	27	STAN MORNER	
JULIE MCVICKER	50	JOE KAUFMAN	89				
BRIAN SMITH	49	HILDA BUEL	79				
ALMADEN SWIM	7:55.90						

TOP TEN SHORT COURSE YARDS

C1776	10:56.87
HAL BEGEL	64
BARBARA JOHNSON	61
P.TULLMAN	57
JACK KIRLIN	55
SAN DIEGO SWIM	11:03.84
KENNETH KIMBALL	63
ADRIENNE PIPES	59
JEANNE LITTLE	57
BILL EARLEY	57
OJAI	12:06.48
GAY COLLINS	63
JOHN BLECK	61
ROBERT MAY	60
MALCHIA OLSHAN	63

65 +	
R:LOS ALTOS	93 11:24.83
JOHN PONICHIL	
DELLA SEHORN	
BERNA BENNETT	
JOHN RICHARDS	
SAN DIEGO SWIM	12:27.57
RICHARD LABAHN	65
DIANA SILVA	72
BOBBI TURCOTTE	66
FRED WADSWORTH	65
C1776	13:10.33
MARY WIXTED	72
ERNEST MOORE	66
CAROLYN DERR	66
W.MARINO	66
OJAI	14:13.28
BOYD FORD	69
JOHN MELVILLE	74
PEGGY SANBORN	66
GRACE ALTUS	70

75 +	
R:SAN MATEO	93 14:16.33
AUDREY ETIENNE	
HELEN ROUMASSET	
JOE KAUFMANN	
ED MORAN	
NO RELAY TEAMS	

**UNITED STATES MASTERS SWIMMING
PUBLICATIONS**

USMS TOP TEN

1993-94 Short Course Top Ten/Yards includes times performed between June 1, 1993 and May 31, 1994, reported in a timely manner to Walt Reid, our National Top Ten Chairman. Meet Directors are required to send complete results in the proper format for sanctioned and recognized meets to the LMSC Recorder. Results from the sanctioned meets must clearly identify foreign swimmers. Recognized meets must have all USMS registered swimmers clearly identified. The LMSC Recorder is responsible for sending Walt Reid the times for all registered swimmers who have competed in meets within the LMSC, and may include times from official results made by local swimmers in competition outside local LMSC. Times performed at National Championships are automatically entered by Walt into the National Top Ten for that course.

The National Records for each event in Short Course Yards are listed at the top in each event. The United States is the only country where short course yards records are kept, so there are no world records for short course yards.

Thanks to those who renew their subscriptions automatically - saves Betsy the time and expense of sending reminder invoices.

The Top Ten Crew - Walt Reid, Betsy Durrant, Dorothy Donnelly and Gene Donner.

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