

\$6.00

*United States
Masters Swimming, Inc.*

**1994/1995
Top Ten
Short Course Yards**

and

World Records

as of May 1, 1995

**Short Course Meters
Long Course Meters**



Published September 1995

TOP TEN SHORT COURSE YARDS

50 YD. FREE WOMEN 19-24	28.52 JERI RAMSBOTTOM 23	28.03 JENNIFER ROBERTS 22	25.42 LOUISE KEOGH 26
23.97 SUDI MILLER 91	28.68 CARY BERTA 23	28.06 TIA PARDUE 24	100 YD. FREE WOMEN 25-29
24.22 MISSY ALLERT 23	29.08 BRANDY MAYBERRY 23	28.20 MARIA ANDERSSON 24	51.07 SARA SHAND 93
24.26 HEATHER HAGEMAN 24	29.34 TIA PARDUE 24	28.45 ELISE SELZ 24	52.54 DYNE BURRELL 28
24.92 PAULA MARSIGLIA 21	29.37 ELISE SELZ 24	100 YD. FLY WOMEN 19-24	53.91 KARIN SPENCE 28
24.92 SARAH ANDERSON 24	29.60 SHERRI TURNER 23	57.39 SUDI MILLER 91	54.22 STACY JONES 29
25.15 KANA SHIBUYA 23	29.63 JAN HOWELL 22	57.89 JAMIE RAAB 24	54.42 AIMEE QUARATINO 25
25.16 LISA SUMMERS 24	29.97 KATHLEEN HARTNETT 23	58.87 KANA SHIBUYA 23	54.54 PEGGY GROSS 26
25.22 JENNIFER WILSON 22	100 YD. BACK WOMEN 19-24	1:01.59 TIA PARDUE 24	54.63 LAUREEN WELTING 29
25.34 MARIA ANDERSSON 24	57.96 DEBBIE RISEN 90	1:01.75 MARCIANN BODNER 22	54.64 LIZ SEYMOUR 27
25.41 KATHLEEN HARTNETT 23	59.83 CARY BERTA 23	1:02.06 CHRISTINE HERR 24	54.80 STACEY BENESCH 25
25.50 KIMBERLY BROUGHAL 24	1:00.91 JERI RAMSBOTTOM 23	1:02.15 ASHLI GAINES 23	54.89 TRICIA BERGER 25
100 YD. FREE WOMEN 19-24	1:02.26 ELISE SELZ 24	1:02.40 ELISE SELZ 24	54.99 BRIDGET ROBBINS 25
52.08 SUDI MILLER 91	1:02.40 KATHY STUPPY 24	1:02.81 BRIDGET ROBBINS 24	200 YD. FREE WOMEN 25-29
52.85 HEATHER HAGEMAN 24	1:02.43 KATHLEEN HARTNETT 23	1:03.51 KATHERINE CONKLIN 20	1:51.53 SARA SHAND 93
53.06 SARAH ANDERSON 24	1:03.24 JOANNE MILLARD 19	1:03.65 JENNIFER WILSON 22	1:56.22 DYNE BURRELL 28
54.02 PAULA MARSIGLIA 21	1:03.51 TERRY WENZINGER 22	200 YD. FLY WOMEN 19-24	1:56.75 STACY JONES 29
54.02 KANA SHIBUYA 23	1:03.71 SHERRI TURNER 23	2:11.03 SARAJANE TUREK 91	1:56.96 LAUREEN WELTING 29
54.64 LISA SUMMERS 24	1:03.96 MARCIANN BODNER 22	2:11.89 KANA SHIBUYA 23	1:58.28 LIZ SEYMOUR 27
55.19 JENNIFER WILSON 22	1:03.98 JENNIFER TONOT 24	2:12.12 MARGARET BROWN 23	1:58.33 JANE KLEINE 29
55.50 TERRY WENZINGER 22	200 YD. BACK WOMEN 19-24	2:14.89 CASSIE CAMPBELL 24	1:58.65 MITZI KREMER 27
55.61 KATHY STUPPY 24	2:06.90 SUSIE BURT 93	2:18.53 MARCIANN BODNER 22	1:59.67 AIMEE QUARATINO 25
55.82 KATHLEEN HARTNETT 23	2:12.96 CARY BERTA 23	2:18.70 TIA PARDUE 24	1:59.83 LIESA BENN 29
55.90 MARIA ANDERSSON 24	2:13.49 KATHLEEN HARTNETT 23	2:19.00 BRIDGET ROBBINS 24	2:00.19 PEGGY GROSS 26
200 YD. FREE WOMEN 19-24	2:14.69 ELISE SELZ 24	2:19.63 JENNIFER HAMMOND 22	2:00.20 MICHELLE CHOW 26
1:54.22 DIANE GRANER 89	2:16.20 JERI RAMSBOTTOM 23	2:19.79 ASHLI GAINES 23	500 YD. FREE WOMEN 25-29
1:54.89 SARAH ANDERSON 24	2:17.40 SARA GOGGIN 22	2:21.80 MICHELLE CARTER 21	4:56.18 KAREN BURTON 91
1:56.88 LISA SUMMERS 24	2:17.95 HEATHER GRADY 24	2:22.12 MARGARET BROWN 23	5:02.13 SUSAN PORTER 28
1:57.60 KANA SHIBUYA 23	2:19.08 HEATHER O'BRIEN 24	100 YD. I.M. WOMEN 19-24	5:12.85 LAUREEN WELTING 29
1:59.99 JENNIFER WILSON 22	2:19.35 BRIDGET ROBBINS 24	59.21 SUDI MILLER 91	5:13.79 CHRISTINA PLANJE 25
2:00.11 ELAINE WEIGAND 23	2:19.57 CAROLYN DRAKE 23	1:02.46 LISA SUMMERS 24	5:14.82 KATHRIN LAMMERS 25
2:00.12 JAMIE RAAB 24	2:21.05 LAURA ANTONIETTA 24	1:03.00 MARIA ANDERSSON 24	5:15.23 JANE KLEINE 29
2:00.80 PAULA MARSIGLIA 21	50 YD. BRST WOMEN 19-24	1:03.14 KANA SHIBUYA 23	5:15.68 STACY JONES 29
2:03.44 JENNIFER HAMMOND 22	30.25 SUSIE MORTENSON 93	1:03.31 MARSHA TRACHI 23	5:16.19 MITZI KREMER 26
2:03.77 HEATHER GRADY 24	30.78 SUNNY SMILEY 24	1:03.55 GRACE MOON 23	5:21.07 JILL GELLATLY 27
2:03.97 TINA WEATHERBIE 24	31.83 MARSHA TRACHI 23	1:03.59 JERI RAMSBOTTOM 23	5:21.98 LYNN JOLLY 29
500 YD. FREE WOMEN 19-24	32.29 ELAINE WEIGAND 23	1:03.64 KATHLEEN HARTNETT 23	5:23.42 LORETTA SOFFE 28
4:56.93 EVA MORTENSEN 94	32.34 KIMBERLY BROUGHAL 24	1:03.70 MARCIANN BODNER 22	1000 YD. FREE WOMEN 25-29
5:06.93 SARAH ANDERSON 24	32.66 JENNIFER TONOT 24	1:04.12 TERRY WENZINGER 22	10:12.34 LISA HAZEN 94
5:17.31 ELAINE WEIGAND 23	32.98 MISSY ALLERT 23	1:04.27 ELAINE WEIGAND 23	10:15.24 SUSAN PORTER 28
5:21.45 LISA SUMMERS 24	33.02 KAREN HEARD 24	200 YD. I.M. WOMEN 19-24	10:34.29 JANE KLEINE 29
5:23.57 HEATHER GRADY 24	33.04 AMY TIDBALL 24	2:08.74 SUDI MILLER 91	10:41.07 CHRISTINA PLANJE 25
5:25.35 CASSIE CAMPBELL 24	33.17 KATE CONKLIN 19	2:13.66 JENNIFER TONOT 24	10:54.18 JILL GELLATLY 27
5:25.80 JENNIFER WILSON 22	33.23 CHRISTINE LOGAR 22	2:16.67 ELISE SELZ 24	11:15.89 LYNN JOLLY 29
5:28.51 LAURA ANTONIETTA 24	100 YD. BRST WOMEN 19-24	2:16.99 LISA SUMMERS 24	11:18.85 BRIDGET ROBBINS 25
5:29.84 SUSAN LUCAS 24	1:06.74 SUSIE MORTENSON 93	2:17.07 GRACE MOON 23	11:18.93 CARMEN BRUN 28
5:31.94 BRIDGET ROBBINS 24	1:08.41 SUNNY SMILEY 24	2:17.46 CASSIE CAMPBELL 24	11:19.27 KRISTEN JOHNSON 28
5:33.74 CAROLYN DRAKE 23	1:08.93 MARSHA TRACHI 23	2:17.87 KAREN HEARD 24	11:21.96 BARTLEY PRATT 27
1000 YD. FREE WOMEN 19-24	1:09.28 ELAINE WEIGAND 23	2:17.89 TERRY WENZINGER 22	11:26.23 KAREN JACOBSON 28
10:33.71 ALISON ZAMANTIAN 94	1:09.88 JENNIFER TONOT 24	2:18.10 JENNIFER KENYON 22	1650 YD. FREE WOMEN 25-29
10:33.88 SARAH ANDERSON 24	1:11.03 KAREN HEARD 24	2:18.24 MARCIANN BODNER 22	16:50.17 KAREN BURTON 91
10:44.09 LAUREL HOOPER 21	1:11.64 MARY BERGEN 24	2:18.95 ELAINE WEIGAND 23	18:08.62 JILL GELLATLY 27
11:09.68 HEATHER GRADY 24	1:11.81 GRACE MOON 23	400 YD. I.M. WOMEN 19-24	18:16.07 SHELLY SCHAFFER 28
11:16.67 CASSIE CAMPBELL 24	1:12.17 CAREN MACLEAN 24	4:39.85 ALISON ZAMANTIAN 94	19:16.98 LAURIE HUG 29
11:24.83 JENNIFER COERS 24	1:12.41 KATHERINE CONKLIN 20	4:48.87 CASSIE CAMPBELL 24	19:23.57 JENNIFER SMITH 27
11:25.40 TINA WEATHERBIE 24	1:12.53 LEANNE FARMER 23	4:53.56 HEATHER GRADY 24	19:24.04 JULIE BENJAMIN 28
11:27.56 BRIDGET ROBBINS 24	200 YD. BRST WOMEN 19-24	4:56.04 KAREN HEARD 24	19:31.16 MARIA SCHEIBER 26
11:31.24 SUSAN LUCAS 24	2:25.40 ANNE TWEEDY 87	4:56.93 HEATHER O'BRIEN 24	19:33.19 CINDY LYNCH 27
11:33.15 KARANN ANDRUSKY 23	2:29.05 ELAINE WEIGAND 23	4:56.94 KYLE FISHER 24	19:35.57 MATHILDE BOUWMA 27
11:37.43 LAURA VIALE 19	2:31.57 KAREN HEARD 24	4:57.05 ESTHER SMITH 22	19:39.19 MELINDA FINLEY 28
1650 YD. FREE WOMEN 19-24	2:35.26 JENNIFER KENYON 22	4:58.21 JENNIFER KENYON 22	19:44.87 KERSTEN ANNEGERS 26
17:31.70 KAREN BURTON 87	2:35.63 JENNIFER HAMMOND 22	5:00.24 CHRISTINE SCHULTZ 23	50 YD. BACK WOMEN 25-29
18:13.41 CASSIE CAMPBELL 24	2:36.56 GRACE MOON 23	5:00.58 KATE COKLIN 19	26.76 DIANE GRANER , 89
18:55.84 KYLE FISHER 24	2:38.91 KRISTEN KIRKMAN 24	5:02.93 KRISTEN KIRKMAN 24	27.22 LORRAINE PERKINS 25
19:04.44 LAURA VIALE 19	2:39.30 SAMANTHA ROYER 24	*****	28.48 JENNIFER WILLIS 26
19:25.97 HEATHER ANDERSON 24	2:39.36 CHRISTINE SCHULTZ 23	50 YD. FREE WOMEN 25-29	28.53 JILL ROTHKOPF 28
19:39.42 LAURA ANTONIETTA 24	2:40.28 ESTHER SMITH 22	23.20 ANNA PETTIS-SCOTT 92	28.56 KARIN SPENCE 28
19:42.30 MICHELLE CARTER 21	2:40.41 LEANNE FARMER 23	24.36 PEGGY GROSS 26	28.64 DYNE BURRELL 28
19:54.07 KARANN ANDRUSKY 23	50 YD. FLY WOMEN 19-24	24.45 KARIN SPENCE 28	29.28 BRIDGET ROBBINS 25
20:09.69 MICHELLE LEBO 23	26.20 JAMIE RAAB 95	24.45 DYNE BURRELL 28	29.38 SUSAN JONES 28
20:29.85 NICOLE RESSLER 24	26.20 JAMIE RAAB 24	24.96 LORRAINE PERKINS 25	29.39 STACY JONES 28
21:04.23 ELIZABETH ADAMSON 24	26.50 MISSY ALLERT 23	25.07 MICHELLE GHIGGERI 26	29.51 J.LESYNA-RUSSELL 28
50 YD. BACK WOMEN 19-24	26.85 KANA SHIBUYA 23	25.15 CHRISTY LIPSON 25	29.59 JAMIE HERRINGTON 29
27.85 DEBBIE RISEN 90	27.15 KATHY STUPPY 24	25.22 TRICIA BERGER 25	100 YD. BACK WOMEN 25-29
28.20 KATHY STUPPY 24	27.85 KIMBERLY BROUGHAL 24	25.27 AIMEE QUARATINO 25	56.70 DIANE GRANER 91
28.29 MISSY ALLERT 23	27.88 PAULA GOODWIN 23	25.39 S.VON DER LIPPE 29	59.30 LORRAINE PERKINS 25

TOP TEN SHORT COURSE YARDS

1:01.19 AIMEE QUARATINO 25	1:01.43 ALICE PHILLIPS 29	55.01 COLLETTE SAPPEY 30	2:02.26 KARLYN PIPES 95
1:01.43 KARIN SPENCE 28	1:01.80 LORETTA SOFFE 28	55.08 BETH SCHEIMANN 32	2:02.26 KARLYN PIPES 33
1:01.46 BRIDGET ROBBINS 25	1:01.87 MICHELE HUYETTE 26	55.11 RENATE SCHMIDT 32	2:08.94 D.GRANER-GALLAS 31
1:02.10 JENNIFER WILLIS 26	1:02.05 JULIE BILLS 26	200 YD. FREE WOMEN 30-34	2:10.49 SHEILA MORTELL 33
1:02.43 J.LESYNA-RUSSELL 28	1:02.18 E.MARESCA-ORTOF 28	1:52.57 SANDY NEILSON 87	2:11.20 MARTIE MCKINNEY 30
1:02.54 TARYN GILLIKIN 29	200 YD. FLY WOMEN 25-29	1:56.47 KARLYN PIPES 33	2:14.76 PAMELA BOSCOVICH 32
1:02.88 KRISTEN CORBETT 29	2:03.38 JUNE FORD 87	1:57.16 LYNN WITTSTOCK 32	2:14.97 SUSAN FLYNN 32
1:02.89 SUSAN JONES 28	2:10.97 CHRISTINA PLANJE 25	1:57.80 LISA HAZEN 30	2:15.11 SHELE BOTTA 30
1:03.50 MICHELLE CHOW 26	2:12.06 KAREN JACOBSON 28	1:59.52 RENATE SCHMIDT 32	2:15.36 TRISCHA ZORN 30
200 YD. BACK WOMEN 25-29	2:15.10 MICHELLE CHOW 26	1:59.57 WENDY INGRAHAM 31	2:16.24 CHRISTINE HOLMAN 30
2:01.29 DIANE GRANER 91	2:15.56 LAUREEN WELTING 29	1:59.85 BETH SCHEIMANN 32	2:16.38 PENNY LEACH 32
2:10.99 MICHELLE DONAHUE 27	2:18.47 TIFFANY FORBES 28	2:00.35 CAROL OLSON 32	50 YD. BRST WOMEN 30-34
2:12.92 BRIDGET ROBBINS 25	2:19.24 JILL LEMONE 28	2:00.57 BARBARA MILANESE 33	29.84 ROSEMARIE SEAMAN 89
2:14.42 MITZI KREMER 27	2:20.85 CHRISTINE KOENIG 25	2:00.94 LAURIE HUG 30	31.27 SHEILA ARREDONDO 30
2:15.60 E.MARESCA-ORTOF 28	2:21.09 E.MARESCA-ORTOF 28	2:01.12 BRENDA BARTLETT 34	32.39 T.FIGHTMASTER 31
2:17.18 SUSAN JONES 28	2:21.97 LYNN JOLLY 29	500 YD. FREE WOMEN 30-34	32.70 MAUREEN MENDOZA 34
2:18.10 JILL GELLATLY 27	2:22.01 JILL GELLATLY 27	5:03.99 SUSAN PORTER 94	32.76 AUDREY HOLMES 30
2:18.18 KRISTEN CORBETT 29	100 YD. I.M. WOMEN 25-29	5:04.67 KARLYN PIPES 32	32.85 ELLEN ATKINSON 32
2:18.56 J.LESYNA-RUSSELL 28	58.84 SARA SHAND 93	5:06.95 KAREN BURTON 32	32.88 SUSAN RICHMOND 33
2:19.90 CARMEN BRUN 28	1:00.48 KARIN SPENCE 28	5:08.27 LISA HAZEN 30	32.89 KARLYN PIPES 32
2:21.47 SISSEI ANDERSEN 25	1:00.90 STACEY BENESCH 25	5:21.81 BARBARA MILANESE 33	33.09 LISA HAWK 32
50 YD. BRST WOMEN 25-29	1:01.41 MICHELLE CHOW 26	5:22.32 WENDY INGRAHAM 31	33.19 CATHY WALTERS 34
30.60 S.MCINTYRE-WOODS 91	1:02.07 KATHRIN LAMMERS 25	5:24.73 C.CHICHESTER 31	33.31 BETH SCHEIMANN 32
31.28 LOUISE KEOGH 26	1:02.13 LORRAINE PERKINS 25	5:27.87 RENATE SCHMIDT 32	100 YD. BRST WOMEN 30-34
31.98 KARIN SPENCE 28	1:02.71 AIMEE QUARATINO 25	5:28.03 MARCIA CLEVELAND 31	1:05.05 ROSEMARIE SEAMAN 89
32.45 MATHILDE BOUWMA 26	1:02.77 S.VON DER LIPPE 29	5:28.12 LAURIE HUG 30	1:08.87 CORRIN CONVIS 30
32.55 S.VON DER LIPPE 29	1:03.01 SUSAN JONES 28	5:28.79 KIM ELSBACH 32	1:09.62 SHEILA ARREDONDO 30
32.56 LIZ SEYMOUR 27	1:03.29 E.MARESCA-ORTOF 28	1000 YD. FREE WOMEN 30-34	1:10.26 KARLYN PIPES 33
32.80 KERSTEN ANNEGERS 26	1:03.47 ALICE PHILLIPS 29	10:20.10 SUSAN PORTER 94	1:10.27 AUDREY HOLMES 30
32.92 SHEILA ARREDONDO 29	200 YD. I.M. WOMEN 25-29	10:26.10 LISA HAZEN 30	1:10.55 MAUREEN MENDOZA 34
33.08 JUDY SMITH 25	2:05.98 SARA SHAND 93	10:29.70 KAREN BURTON 32	1:11.12 T.FIGHTMASTER 31
33.08 HILLARY WHITE 28	2:12.12 MICHELLE CHOW 26	10:35.29 KARLYN PIPES 33	1:11.58 SUSAN RICHMOND 33
33.11 E.MALKEMUS 25	2:12.90 STACEY BENESCH 25	11:03.51 BARBARA MILANESE 32	1:11.75 CAROLYN KOSTER 33
100 YD. BRST WOMEN 25-29	2:12.95 STACY JONES 29	11:07.76 LAURIE HUG 30	1:11.96 ELLEN ATKINSON 32
1:06.50 S.MCINTYRE-WOODS 91	2:13.73 KARIN SPENCE 28	11:08.28 LISA SHEEPER 30	1:12.20 LISA HAWK 32
1:08.05 LOUISE KEOGH 26	2:15.24 AIMEE QUARATINO 25	11:16.25 LYNN YOUNG 34	200 YD. BRST WOMEN 30-34
1:10.69 HILLARY WHITE 28	2:16.17 E.MARESCA-ORTOF 28	11:16.91 MARCIA CLEVELAND 31	2:28.53 KARLYN PIPES 95
1:11.04 E.MALKEMUS 25	2:16.67 JENNIFER WILLIS 26	11:21.82 JUDY NELSON 34	2:28.53 KARLYN PIPES 32
1:11.52 MATHILDE BOUWMA 27	2:16.88 LAUREEN WELTING 29	11:24.06 ANITA IRONS 31	2:30.96 CORRIN CONVIS 30
1:11.79 CARMEN BRUN 28	2:17.37 KAREN JACOBSON 28	1650 YD. FREE WOMEN 30-34	2:32.76 MAUREEN MENDOZA 34
1:12.13 KERSTEN ANNEGERS 26	2:17.85 SISSEI ANDERSEN 25	17:07.52 KAREN BURTON 93	2:36.41 NANCY MITCHELL 33
1:12.43 KATHLEEN SCHWARTZ 29	400 YD. I.M. WOMEN 25-29	17:12.05 LISA HAZEN 30	2:36.45 SHEILA ARREDONDO 30
1:12.57 MICHELLE CHOW 26	4:28.40 SARA SHAND 91	17:20.07 KARLYN PIPES 33	2:36.78 ELLEN ATKINSON 32
1:12.75 SARAH DOUGHER 25	4:40.51 LORETTA SOFFE 28	17:30.18 KAREN BURTON 32	2:36.87 SUSAN RICHMOND 33
1:13.00 LIESA BENN 29	4:42.52 CHRISTINA PLANJE 25	18:28.38 LISA SHEEPER 30	2:36.92 CHERYL KUPAN 30
200 YD. BRST WOMEN 25-29	4:43.90 KAREN JACOBSON 28	18:30.98 BARBARA MILANESE 32	2:37.40 KAREN BURTON 32
2:23.59 LOUISE KEOGH 94	4:44.11 LAUREEN WELTING 29	18:33.53 ELLEN FERGUSON 32	2:37.43 CARYL BROWN 30
2:27.56 LOUISE KEOGH 26	4:44.54 KATHRIN LAMMERS 25	18:38.05 MARCIA CLEVELAND 31	50 YD. FLY WOMEN 30-34
2:30.94 E.MALKEMUS 25	4:45.26 JILL GELLATLY 27	18:41.15 LAURIE HUG 30	25.62 ROSEMARIE SEAMAN 89
2:32.66 KATHRIN LAMMERS 25	4:45.77 MICHELLE CHOW 26	18:54.86 ANITA IRONS 31	26.22 ANNA PETTIS SCOTT 32
2:34.80 CARMEN BRUN 28	4:48.55 CARMEN BRUN 28	18:58.26 NANCY ROSE 33	26.96 CYNTHIA WATTS 33
2:34.90 KERSTEN ANNEGERS 26	4:49.09 E.MARESCA-ORTOF 28	50 YD. BACK WOMEN 30-34	27.16 MARTIE MCKINNEY 30
2:36.61 HILLARY WHITE 28	4:50.41 SISSEI ANDERSEN 25	27.36 S.WALSH-STANKAVAG92	27.20 KARLYN PIPES 32
2:38.01 SARAH DOUGHER 25	*****	27.87 KARLYN PIPES 33	27.21 D.GRANER-GALLAS 31
2:38.96 LISA KUMER 29	50 YD. FREE WOMEN 30-34	27.99 MARTIE MCKINNEY 30	27.32 MARY MUETING 30
2:39.23 PAMELA LINDROOS 29	23.04 S.NEILSON-BELL 88	28.00 LYNN WITTSTOCK 32	27.48 BRENDA BUTKE-BREY 33
2:39.96 JILL LEMONE 28	24.05 ANNA PETTIS SCOTT 32	28.45 D.GRANER-GALLAS 31	27.51 LYNN WITTSTOCK 32
50 YD. FLY WOMEN 25-29	24.94 CORRIN CONVIS 30	28.53 CYNTHIA WATTS 33	27.54 SUSAN MENDEZ 32
25.68 LINDA LANINI 87	25.08 COLLETTE SAPPEY 30	28.95 SHEILA MORTELL 33	27.66 MARGARET MORTELL 31
26.36 KARIN SPENCE 28	25.11 MARY MUETING 30	29.10 COLLETTE SAPPEY 30	100 YD. FLY WOMEN 30-34
26.98 S.VON DER LIPPE 29	25.12 KARLYN PIPES 33	29.15 KAREN ANDREWS 32	55.68 ROSEMARIE SEAMAN 89
27.08 LORRAINE PERKINS 25	25.12 LYNN WITTSTOCK 32	29.17 VIBEKE SWANSON 33	57.89 MARTIE MCKINNEY 30
27.50 TARYN GILLIKIN 29	25.24 CYNTHIA WATTS 33	29.27 PAMELA BOSCOVICH 32	59.66 CYNTHIA WATTS 33
27.64 KATHLEEN SCHWARTZ 29	25.29 IRINA POLOUEKTOVA 31	100 YD. BACK WOMEN 30-34	1:01.56 MARGARET MORTELL 31
27.65 NATALIE HITE 28	25.32 RENATE SCHMIDT 32	57.60 KARLYN PIPES 95	1:01.62 CORY MACKIE 31
27.66 PEGGY GROSS 26	25.37 MARY GRACE HUBER 33	57.60 KARLYN PIPES 33	1:01.63 ANNA PETTIS SCOTT 32
27.67 STACEY BENESCH 25	25.37 MAUREEN MENDOZA 34	59.18 MARTIE MCKINNEY 30	1:01.89 APRIL LONG 34
27.73 TINA SANDLIN 27	100 YD. FREE WOMEN 30-34	1:00.35 D.GRANER-GALLAS 31	1:02.09 SUSAN MENDEZ 32
27.77 ANITA GRIERSON 27	50.83 SANDY NEILSON 87	1:01.17 SHEILA MORTELL 33	1:02.67 VICKY DAVIDSON 30
100 YD. FLY WOMEN 25-29	52.91 ANNA PETTIS SCOTT 32	1:01.67 PAMELA BOSCOVICH 32	1:02.76 BRENDA BUTKE-BREY 33
57.01 DIANE GRANER 91	53.58 KARLYN PIPES 33	1:01.84 PENNY LEACH 32	1:02.79 CAROL OLSON 32
59.56 MICHELLE CHOW 26	53.68 LYNN WITTSTOCK 32	1:01.85 VIBEKE SWANSON 33	200 YD. FLY WOMEN 30-34
1:00.22 TARYN GILLIKIN 29	53.99 CORRIN CONVIS 30	1:01.89 CHRISTINE HOLMAN 30	2:06.28 KARLYN PIPES 95
1:00.42 LORRAINE PERKINS 25	54.52 CAROL OLSON 32	1:02.33 TRISCHA ZORN 30	2:06.28 KARLYN PIPES 33
1:00.82 KAREN JACOBSON 28	54.93 MARY GRACE HUBER 33	1:02.38 SUSAN FLYNN 32	2:12.90 NANCY MITCHELL 33
1:01.05 KARIN SPENCE 28	54.98 CHRISTINE HOLMAN 30	200 YD. BACK WOMEN 30-34	2:13.37 KAREN BURTON 32

TOP TEN SHORT COURSE YARDS

2:15.68 APRIL LONG 34	2:04.01 KATHERINE BRANCH 37	50 YD. BRST WOMEN 35-39	1:03.16 BETH KNIGHT 35
2:16.22 C.CHICHESTER 31	2:04.64 SUZANNE HEIM 36	30.85 LESLIE OSBORNE 89	1:03.24 APRIL LONG 35
2:18.85 KIMBERLY ELSBACH 32	2:06.33 PATTY REDIG 35	31.87 BRIGITTE HEUER 35	1:04.56 GAYLE WETTACH 38
2:19.34 BRENDA BARTLETT 34	2:06.69 MARILYN EARLY 37	31.99 LISA BENNETT 39	1:04.61 SUZANNE NEWELL 36
2:20.56 CLAI BOLEK 31	500 YD. FREE WOMEN 35-39	32.21 ROSEMARIE SEAMAN 37	1:05.39 ELAINE WIMER 35
2:20.64 DIANE MUNTZER 32	5:01.04 SUSAN HALFACRE 88	33.26 JANE ROBIE 36	1:05.81 LISA BENNETT 39
2:20.93 CHERYL KUPAN 30	5:13.01 BETH KNIGHT 35	33.36 ELAINE WIMER 35	1:05.90 KAREN SING 38
100 YD. I.M. WOMEN 30-34	5:13.65 ROBYNN MASTERS 36	33.61 KAREN MELICK 37	1:05.97 DONNA NEARY 39
58.78 ROSEMARIE SEAMAN 89	5:26.42 MARGUERITE MEYER 36	33.73 WENDY RYAN 37	200 YD. I.M. WOMEN 35-39
59.66 KARLYN PIPES 33	5:26.50 KATHERINE BRANCH 37	33.79 EILEEN WALL 37	2:12.23 S.NEILSON-BELL 95
1:01.18 MARTIE MCKINNEY 30	5:28.93 SUZANNE HEIM 36	33.90 PAMELA ROGERS 38	2:12.23 S.NEILSON-BELL 39
1:01.59 CORRIN CONVIS 30	5:33.74 NANCY LEWIS 35	34.24 COKIE LEPINSKI 35	2:13.78 APRIL LONG 35
1:01.99 LYNN WITTSTOCK 32	5:35.34 PATTY REDIG 35	100 YD. BRST WOMEN 35-39	2:17.12 ZENA HERRMANN 35
1:02.99 BETH O'CONNOR 34	5:38.29 LESLIE COOPER 35	1:07.58 LESLIE OSBORNE 89	2:17.17 BETH KNIGHT 35
1:03.27 SHEILA ARREDONDO 30	5:39.26 LORRAINE SOMMERS 38	1:09.87 ROSEMARIE SEAMAN 37	2:23.65 DONNA NEARY 39
1:03.59 ANNA PETTIS SCOTT 32	5:39.57 CHARLENE O'BRIEN 38	1:10.65 BRIGITTE HEUER 35	2:25.15 LINDLEY DOUGHTY 36
1:03.74 MAUREEN MENDOZA 34	1000 YD. FREE WOMEN 35-39	1:10.95 LISA BENNETT 39	2:25.54 LISA BENNETT 38
1:03.77 AUDREY HOLMES 30	10:39.87 SUSAN HALFACRE 88	1:11.18 APRIL LONG 35	2:25.80 BARB CROWDER 37
1:04.04 CORY MACKIE 31	10:41.76 ROBYNN MASTERS 36	1:12.24 JUDY LALLIER 35	2:26.05 PATTY LANDERS 38
200 YD. I.M. WOMEN 30-34	10:45.43 BETH KNIGHT 35	1:12.79 COKIE LEPINSKI 35	2:26.27 GAYLE WETTACH 38
2:06.84 KARLYN PIPES 95	10:55.48 SUZANNE HEIM 36	1:13.27 EILEEN WALL 37	400 YD. I.M. WOMEN 35-39
2:06.84 KARLYN PIPES 33	11:05.36 MARGUERITE MEYER 36	1:13.79 WENDY RYAN 37	4:45.22 BETH KNIGHT 94
2:13.15 CORRIN CONVIS 30	11:07.62 KATHERINE BRANCH 37	1:13.80 JANE ROBIE 36	4:45.22 BETH KNIGHT 35
2:16.44 LAURIE HUG 30	11:18.03 NANCY LEWIS 35	1:14.40 PAMELA ROGERS 38	4:48.18 ZENA HERRMANN 35
2:17.31 MAUREEN MENDOZA 34	11:36.59 GAIL RICE 38	200 YD. BRST WOMEN 35-39	4:52.15 S.NEILSON-BELL 39
2:17.45 MARGARET MORTELL 30	11:40.53 CONSTANCE HALLETT 36	2:30.53 KAREN MELICK 92	5:04.49 GAIL RICE 38
2:17.84 SHEILA MORTELL 33	11:46.50 LORRAINE SOMMERS 38	2:37.06 COKIE LEPINSKI 35	5:04.74 KAREN FARNSWORTH 38
2:17.94 C.CHICHESTER 31	11:49.00 B.MORSE-GILLHAM 39	2:38.09 KAREN MELICK 37	5:06.03 KATHERINE BRANCH 37
2:18.60 APRIL LONG 34	1650 YD. FREE WOMEN 35-39	2:39.83 EILEEN WALL 37	5:08.80 SUZANNE HEIM 36
2:18.60 NANCY MITCHELL 33	17:15.23 SUSAN HALFACRE 88	2:40.39 GAIL RICE 38	5:08.81 LINDLEY DOUGHTY 36
2:18.68 BRENDA BARTLETT 34	17:39.45 ROBYNN MASTERS 36	2:42.01 LISA BENNETT 39	5:09.01 MARGUERITE MEYER 36
400 YD. I.M. WOMEN 30-34	17:52.46 BETH KNIGHT 35	2:42.41 LESLIE COOPER 35	5:10.93 DONNA NEARY 39
4:25.68 KARLYN PIPES 95	18:20.91 MARGUERITE MEYER 36	2:43.71 WENDY RYAN 37	*****
4:25.68 KARLYN PIPES 33	18:32.22 SUZANNE HEIM 36	2:44.13 BETH KNIGHT 35	50 YD. FREE WOMEN 40-44
4:36.39 KAREN BURTON 32	18:53.16 NANCY LEWIS 35	2:44.15 JANE ROBIE 36	24.68 LAURA VAL 94
4:47.00 C.CHICHESTER 31	19:07.06 KATHERINE BRANCH 37	2:44.70 DONNA NEARY 39	24.82 LAURA VAL 43
4:52.23 NANCY MITCHELL 33	19:20.38 LESLIE COOPER 35	50 YD. FLY WOMEN 35-39	25.92 C.STONESIFER 42
4:53.08 LAURIE HUG 30	19:27.72 GAIL RICE 38	26.68 LAURA VAL 87	26.01 NANCY FISHER 43
4:53.65 DEBORAH ZIMIC 33	19:33.38 B.MORSE-GILLHAM 39	26.99 ROSEMARIE SEAMAN 37	26.12 BONNIE ADAIR 42
4:55.53 CHERYL KUPAN 30	19:35.89 LORRAINE SOMMERS 38	27.65 SUZANNE NEWELL 36	26.14 DANIELLE OGIER 42
4:55.99 CARYL BROWN 30	50 YD. BACK WOMEN 35-39	27.80 APRIL LONG 35	26.27 JOEL FELDMANN 43
4:58.11 DIANE MUNTZER 32	27.82 LAURA VAL 91	27.81 BRIGITTE HEUER 35	26.32 JO MOORE 40
4:59.78 CAROLYN GRAVES 30	28.32 ZENA HERRMANN 35	28.03 S.NEILSON-BELL 39	26.49 KARLENE WISE 41
*****	28.53 LINDLEY DOUGHTY 36	28.06 BETH KNIGHT 35	26.83 SUSAN SKIFF 40
50 YD. FREE WOMEN 35-39	29.18 JUDY LALLIER 35	28.29 ELAINE WIMER 35	27.01 NEDRA MOORE 41
23.62 S.NEILSON-BELL 95	29.51 PATTY LANDERS 38	28.31 LINDLEY DOUGHTY 36	100 YD. FREE WOMEN 40-44
23.62 S.NEILSON-BELL 39	29.99 KAREN SING 38	28.35 JENNIFER LUKER 38	54.14 LAURA VAL 94
24.59 BETH KNIGHT 35	30.61 CAROLE SHIGAKI 39	28.53 GAYLE WETTACH 38	54.59 LAURA VAL 43
24.66 GRACIE GODDARD 35	30.84 NANCY RENO 39	100 YD. FLY WOMEN 35-39	55.67 NANCY FISHER 43
24.75 BRIGITTE HEUER 35	30.96 KAREN FARNSWORTH 39	56.90 SUSAN HALFACRE 88	55.81 DANIELLE OGIER 42
25.31 ELAINE WIMER 35	30.96 KATHERINE ADAMS 38	59.65 S.NEILSON-BELL 39	57.37 KARLENE WISE 41
25.34 GAYLE WETTACH 38	31.02 L.HASSELQUIST 37	1:00.41 ROSEMARIE SEAMAN 37	57.44 JO MOORE 40
25.72 JENNIFER LUKER 38	100 YD. BACK WOMEN 35-39	1:01.26 BRIGITTE HEUER 35	57.55 JANE ZIEGLER 41
25.87 GINA AGUILAR 36	59.83 ZENA HERRMANN 95	1:01.95 LINDLEY DOUGHTY 36	57.86 C.STONESIFER 42
26.00 JUDY LALLIER 35	59.83 ZENA HERRMANN 35	1:02.87 ZENA HERRMANN 35	58.24 SUSAN HALFACRE 43
26.06 SUZANNE NEWELL 36	1:01.00 JUDY LALLIER 35	1:03.40 DEBBIE FLANSBURG 39	58.50 PAM BANKS 41
100 YD. FREE WOMEN 35-39	1:01.67 LINDLEY DOUGHTY 36	1:05.36 JENNIFER LUKER 38	58.71 JOEL FELDMANN 43
51.73 S.NEILSON-BELL 95	1:02.63 PATTY LANDERS 38	1:05.56 CHARLENE O'BRIEN 38	200 YD. FREE WOMEN 40-44
51.73 S.NEILSON-BELL 39	1:04.04 KATHERINE BRANCH 37	1:05.76 JILL SPRINGER 36	1:58.79 LAURA VAL 94
54.32 GRACIE GODDARD 35	1:05.14 KAREN SING 38	1:05.79 PATTY REDIG 35	1:59.35 LAURA VAL 43
54.81 ROSEMARIE SEAMAN 37	1:05.85 NANCY RENO 39	200 YD. FLY WOMEN 35-39	2:02.06 DANIELLE OGIER 42
54.87 BRIGITTE HEUER 35	1:06.09 DEBBIE STARR 38	2:10.80 LAURA VAL 87	2:05.31 SUSAN HALFACRE 42
55.16 ROBYNN MASTERS 36	1:06.58 LISA AKERMAN 36	2:12.49 APRIL LONG 35	2:05.79 SUSAN SKIFF 40
55.20 ZENA HERRMANN 35	1:06.69 CAROLE FUNK 35	2:17.30 DEBBIE FLANSBURG 39	2:06.31 NANCY FISHER 43
55.43 GAYLE WETTACH 38	200 YD. BACK WOMEN 35-39	2:21.27 GAIL RICE 38	2:06.93 DOT MUNGER 43
55.76 ELAINE WIMER 35	2:08.63 ZENA HERRMANN 95	2:24.03 NANCY LEWIS 35	2:07.21 LO KNAPP 40
56.34 SUZANNE NEWELL 36	2:08.63 ZENA HERRMANN 35	2:24.88 SUZANNE HEIM 36	2:07.47 PAM BANKS 41
57.43 MARILYN EARLY 37	2:09.85 JUDY LALLIER 35	2:26.11 KATHERINE BRANCH 37	2:08.11 JO MOORE 40
200 YD. FREE WOMEN 35-39	2:13.86 LINDLEY DOUGHTY 36	2:27.75 LAURIE ALIOTO 37	2:09.23 JONELLE SCHMIDT 44
1:52.79 SUSAN HALFACRE 88	2:15.96 PATTY LANDERS 38	2:29.41 ELAINE FINCHAM 39	500 YD. FREE WOMEN 40-44
1:55.20 S.NEILSON-BELL 39	2:16.69 KATHERINE BRANCH 37	2:30.69 CATHY NEVILLE 37	5:23.35 LAURA VAL 94
1:56.17 BETH KNIGHT 35	2:21.72 DEBBIE STARR 38	2:33.01 BARBARA KRAUSE 35	5:28.28 LAURA VAL 43
1:57.50 ROBYNN MASTERS 36	2:21.81 CAROLE FUNK 35	100 YD. I.M. WOMEN 35-39	5:29.06 DANIELLE OGIER 42
2:01.24 GRACIE GODDARD 35	2:24.36 B.MORSE-GILLHAM 39	1:00.22 SUSAN HALFACRE 88	5:29.30 SUSAN HALFACRE 43
2:03.38 MARGUERITE MEYER 36	2:25.73 NANCY RENO 39	1:01.07 S.NEILSON-BELL 39	5:34.62 SUSAN SKIFF 40
2:03.50 ELAINE WIMER 35	2:25.77 LISA AKERMAN 36	1:02.67 ROSEMARIE SEAMAN 37	5:42.45 PAM BANKS 41

TOP TEN SHORT COURSE YARDS

5:43.16	DOT MUNGER	43	35.50	TERESA HOLLEY	41	2:19.24	DANIELLE OGIER	42	12:35.36	CYNTHIA JONES	45
5:49.15	NANCY FISHER	43	100 YD. BRST WOMEN 40-44			2:22.90	MARYANN STEVENS	41	12:43.19	KRISTINA KING	47
5:54.77	MISSY LE STRANGE	42	1:11.73	DOT MUNGER	92	2:25.43	LO KNAPP	40	12:50.46	MARCIA BARRY	46
5:56.23	GAYLE BENTY	42	1:13.37	LO KNAPP	40	2:26.02	CAMILLE THOMPSON	40	12:52.87	SANDRA BAKER	45
5:57.94	KARLENE WISE	41	1:14.10	DOT MUNGER	43	2:28.71	CATHERINE MORRA	40	12:52.92	SALLY DILLON	48
	1000 YD. FREE WOMEN 40-44		1:14.27	DEB WALKER	43	2:28.74	JONELLE SCHMIDT	44	12:56.20	CATHY IMWALLE	45
11:20.18	BARBARA DUNBAR	90	1:14.52	A.WRIGHT-BELKNAP	44	2:30.13	ANDRA JAUNZEME	42	13:00.58	JEANNETTE BAUER	45
11:26.41	SUSAN HALFACRE	43	1:14.61	GAYLE BENTY	42	2:33.99	MARILYN FINK	40	1650 YD. FREE WOMEN 45-49		
11:43.28	DOT MUNGER	43	1:16.76	DANIELLE OGIER	42	2:34.11	JO MOORE	40	19:12.36	BARBARA DUNBAR	94
11:46.77	PAM BANKS	41	1:16.88	MERRY FINCH	40	2:34.14	PATRICIA MATTSON	41	19:34.55	CELESTE MILLER	45
11:59.89	ELAINE FINCHAM	40	1:16.99	PATRICIA MATTSON	41	400 YD. I.M. WOMEN 40-44			19:39.86	BARBARA DUNBAR	45
12:13.27	N.STEADMAN-MARTIN	40	1:17.01	ANDRA JAUNZEME	42	5:01.58	ELLEN ROBERTS	94	21:05.34	CINDY JONES	45
12:14.07	SHARON ODELL	42	1:17.25	C.STONESIFER	42	5:02.64	DANIELLE OGIER	42	21:21.92	SALLY DILLON	48
12:16.78	DENISE EVERITT	42	200 YD. BRST WOMEN 40-44			5:04.11	MARYANN STEVENS	41	21:30.43	KATHRINE CASEY	46
12:23.94	PATRICIA MATTSON	41	2:37.37	GAYLE BENTY	93	5:08.42	ELAINE FINCHAM	40	21:42.95	JEANNETTE BAUER	45
12:27.76	TERRY SUE GAULT	44	2:40.74	GAYLE BENTY	42	5:17.52	LO KNAPP	40	21:43.94	GWEN DEELY	45
12:31.69	LO KNAPP	40	2:41.84	LO KNAPP	40	5:17.86	CATHERINE MORRA	40	21:52.54	SANDRA BAKER	45
	1650 YD. FREE WOMEN 40-44		2:42.62	DOT MUNGER	43	5:21.31	ANDRA JAUNZEME	42	22:04.80	CATHY MANCINO	45
18:58.23	BARBARA DUNBAR	89	2:44.17	ANDRA JAUNZEME	42	5:27.57	PATRICIA MATTSON	41	22:14.97	ANNE PAGE	47
18:59.11	SUSAN HALFACRE	43	2:46.13	A.WRIGHT-BELKNAP	44	5:32.94	N.STEADMAN-MARTIN	40	50 YD. BACK WOMEN 45-49		
19:48.92	DANIELLE OGIER	42	2:47.57	PATRICIA MATTSON	41	5:35.45	TERI HENDRYX	41	30.30	CECILIA MCCLOSKEY	95
20:24.09	N.STEADMAN-MARTIN	40	2:51.06	MERRY FINCH	40	5:36.98	JOANNE BOWSER	41	30.30	CECILIA MCCLOSKEY	45
20:39.24	KARLENE WISE	41	2:52.46	MARCIA READ	40	*****			32.40	MIMI FRANK	48
20:40.15	LUANNE BEINKE	41	2:52.52	ANN MCDERMOTT	40	50 YD. FREE WOMEN 45-49			33.56	RUTH SHAPS	47
20:43.32	DEBBIE WILSON	41	2:53.33	ANN SIMS	43	25.98	ARDETH MUELLER	88	33.63	MARTI BETZ	45
20:44.55	DENISE EVERITT	42	50 YD. FLY WOMEN 40-44			27.15	CYNTHIA JONES	45	34.32	SUZANNE COOPER	45
20:50.00	KATHLEEN BUCK	44	26.46	LAURA VAL	93	27.56	BARBARA DUNBAR	45	34.60	JEANNIE MITCHELL	48
21:10.04	MARY SAAL	41	27.30	LAURA VAL	42	28.31	RUTH SHAPS	47	34.75	SHARON WISE	48
21:11.14	PAT MATTSON	41	28.48	CAMILLE THOMPSON	40	28.33	STEPHANIE WALSH	45	35.41	GINGER PIERSON	48
	50 YD. BACK WOMEN 40-44		28.55	ELAINE FINCHAM	40	28.37	SUE TENDY	46	35.46	KATHRINE CASEY	46
27.91	LAURA VAL	92	28.56	JOEL FELDMANN	43	28.46	CELESTE MILLER	45	35.50	SUSAN MAGUIRE	46
28.06	LAURA VAL	43	28.70	KARLENE WISE	41	28.54	ANNE PAGE	47	100 YD. BACK WOMEN 45-49		
29.34	NANCY FISHER	43	29.00	C.STONESIFER	42	28.60	CHRISTIE SLIMAK	47	1:06.27	CECILIA MCCLOSKEY	95
30.25	JOEL FELDMANN	43	29.07	BONNIE ADAIR	42	28.63	SHARON WISE	48	1:06.27	CECILIA MCCLOSKEY	45
30.59	BONNIE ADAIR	42	29.12	R.BRITTINGHAM	43	28.72	KATHRINE CASEY	45	1:11.98	MIMI FRANK	47
30.74	LIBBY LUNDGAARD	41	29.13	MARY ANN STEVENS	41	100 YD. FREE WOMEN 45-49			1:14.14	JEANNIE MITCHELL	48
30.95	PAM BANKS	41	29.31	DEBBIE GLASSMAN	41	57.91	ARDETH MUELLER	87	1:14.99	KATHRINE CASEY	46
30.99	C.STONESIFER	42	100 YD. FLY WOMEN 40-44			1:00.08	CELESTE MILLER	45	1:15.21	MARTI BETZ	45
31.16	JANE ZIEGLER	41	59.22	LAURA VAL	92	1:00.16	CECILIA MCCLOSKEY	45	1:15.34	JUDY LEE	45
31.36	KARLENE WISE	41	59.93	LAURA VAL	43	1:00.98	CYNTHIA JONES	45	1:16.18	SUSAN BEHLER	45
31.55	CAROL PFLUGHEBER	41	1:02.61	MARYANN STEVENS	41	1:01.03	F.WILLIAMSON	47	1:16.37	GINGER PIERSON	49
	100 YD. BACK WOMEN 40-44		1:02.63	CAMILLE THOMPSON	40	1:01.37	CAROLYN BOAK	49	1:17.11	C.SCHROEDER	46
1:02.22	LAURA VAL	92	1:03.11	SUSAN SKIFF	40	1:01.66	BARBARA DUNBAR	46	1:17.93	LUCY JOHNSON	47
1:02.90	LAURA VAL	43	1:04.44	ELAINE FINCHAM	40	1:03.08	LUCY JOHNSON	47	200 YD. BACK WOMEN 45-49		
1:04.20	NANCY FISHER	43	1:05.77	KARLENE WISE	41	1:03.22	KATHRINE CASEY	46	2:25.27	CECILIA MCCLOSKEY	95
1:05.12	JANE ZIEGLER	41	1:07.31	R.BRITTINGHAM	43	1:03.24	ANN LYTTLE	47	2:25.27	CECILIA MCCLOSKEY	45
1:06.04	C.STONESIFER	42	1:07.44	CATHERINE MORRA	40	1:03.96	ANNE PAGE	46	2:35.76	MIMI FRANK	47
1:06.38	MARY ANN STEVENS	41	1:07.98	DENISE EVERITT	42	200 YD. FREE WOMEN 45-49			2:38.66	JUDY LEE	45
1:06.46	JOEL FELDMANN	43	1:09.65	TERRY GAULT	44	2:05.71	ARDETH MUELLER	88	2:41.06	STEPHANIE WALSH	45
1:06.60	LIBBY LUNDGAARD	41	200 YD. FLY WOMEN 40-44			2:08.89	CELESTE MILLER	45	2:41.36	KATHRINE CASEY	46
1:07.18	PAM BANKS	41	2:11.08	LAURA VAL	92	2:09.76	BARBARA DUNBAR	45	2:42.71	MARTI BETZ	45
1:08.95	KARLENE WISE	41	2:20.88	MARYANN STEVENS	41	2:14.97	CYNTHIA JONES	45	2:43.45	CATHY IMWALLE	45
1:09.00	CAROL PFLUGHEBER	41	2:21.49	SUSAN SKIFF	40	2:16.83	SALLY DILLON	48	2:43.76	JEANNIE MITCHELL	48
	200 YD. BACK WOMEN 40-44		2:23.90	CAMILLE THOMPSON	40	2:17.78	CAROLYN BOAK	49	2:44.45	GINGER PIERSON	49
2:19.19	ELLEN ROBERTS	94	2:24.81	ELAINE FINCHAM	40	2:18.30	LUCY JOHNSON	47	2:45.01	RUTH SHAPS	47
2:24.05	JANE ZIEGLER	41	2:30.19	CATHERINE MORRA	40	2:18.49	GWEN DEELY	45	50 YD. BRST WOMEN 45-49		
2:24.05	MARYANN STEVENS	41	2:31.26	DENISE EVERITT	42	2:19.40	ANN LYTTLE	47	32.82	SUSAN ROY	94
2:25.44	PAM BANKS	41	2:34.98	KRIS WINGENROTH	41	2:20.35	JEANNETTE BAUER	45	35.12	GINGER PIERSON	48
2:25.93	NANCY FISHER	43	2:35.52	N.STEADMAN-MARTIN	40	2:20.81	MARCIA BARRY	46	35.51	CHRISTIE SLIMAK	47
2:28.29	ELAINE FINCHAM	40	2:46.67	TERI HENDRYX	41	500 YD. FREE WOMEN 45-49			35.56	CAROLYN BOAK	49
2:30.49	JONELLE SCHMIDT	44	2:47.42	DEBBIE GLASSMAN	41	5:36.53	BARBARA DUNBAR	94	36.31	MEEGAN WILSON	46
2:30.50	MARILYN FINK	40	100 YD. I.M. WOMEN 40-44			5:37.41	BARBARA DUNBAR	46	36.52	NANCY MILLER	45
2:30.51	BARB GUNDRED	43	1:03.57	LAURA VAL	93	5:40.82	CELESTE MILLER	45	36.98	KATHRINE CASEY	45
2:31.55	SUSAN HALFACRE	42	1:03.89	LAURA VAL	42	6:02.50	CINDY JONES	45	37.36	LESLIE TREAT	46
2:33.95	KARLENE WISE	41	1:04.37	DANIELLE OGIER	42	6:06.69	F.WILLIAMSON	47	37.52	LYNN CARTEE	48
	50 YD. BRST WOMEN 40-44		1:06.62	BONNIE ADAIR	42	6:09.35	GWEN DEELY	45	37.87	SUZANNE COOPER	45
32.84	DEBORAH WALKER	93	1:07.17	C.STONESIFER	42	6:12.26	MARCIA BARRY	46	37.99	NANCY STANBURY	45
33.00	A.WRIGHT-BELKNAP	44	1:07.57	CAMILLE THOMPSON	40	6:14.78	SALLY DILLON	48	100 YD. BRST WOMEN 45-49		
34.26	DEB WALKER	43	1:08.44	ANDRA JAUNZEME	42	6:15.58	ANN LYTTLE	47	1:11.83	SUSAN ROY	94
34.40	LO KNAPP	40	1:09.20	JAN PESAVENTO	43	6:15.68	JEANNETTE BAUER	45	1:15.59	GINGER PIERSON	48
34.52	DOT MUNGER	43	1:09.34	JO MOORE	40	6:16.47	CATHY IMWALLE	45	1:17.95	CATHY IMWALLE	45
34.67	GAYLE BENTY	42	1:09.44	CATHERINE MORRA	40	1000 YD. FREE WOMEN 45-49			1:18.11	CHRISTIE SLIMAK	47
34.69	C.STONESIFER	42	1:09.63	NANCY FISHER	43	11:32.82	BARBARA DUNBAR	94	1:18.48	MEEGAN WILSON	46
35.20	DANIELLE OGIER	42	1:09.63	JONELLE SCHMIDT	44	11:32.82	BARBARA DUNBAR	45	1:21.14	STEPHANIE WALSH	45
35.25	PATRICIA MATTSON	41	200 YD. I.M. WOMEN 40-44			11:40.35	CELESTE MILLER	45	1:21.20	LESLIE TREAT	46
35.50	JANE HARPER	41	2:17.30	LAURA VAL	94	12:25.99	GWEN DEELY	45	1:21.29	KATHRINE CASEY	46

TOP TEN SHORT COURSE YARDS

1:21.75 SALLY DILLON	48	5:10.24 ARDETH MUELLER	87	23:48.42 J.MURPHY-SHERMAN	50	3:10.80 CAROLYN BEHSE	51
1:21.97 LYNN CARTEE	48	5:15.02 BARBARA DUNBAR	45	24:08.01 SUSAN ALLEN	50	3:11.67 CAROL LAIRD	52
1:22.59 JEANNETTE BAUER	45	5:30.56 CAROLYN BOAK	49	24:15.93 JOAN SPANGLER	51	3:12.77 ILONA SIKE	54
200 YD. BRST WOMEN 45-49		5:33.00 CATHY IMWALLE	45	25:11.43 PAM HIMSTREET	51	3:12.82 JACKIE MARR	51
2:38.38 SUSAN ROY	94	5:36.66 STEPHANIE WALSH	45	25:14.69 SARAH TYLER	50	3:13.31 JUDY MARTIN	52
2:43.13 GINGER PIERSON	48	5:44.27 ANNE GRAMS	47	25:36.52 FREDERICKA RAPP	51	50 YD. FLY WOMEN 50-54	
2:51.74 CAROLYN BOAK	49	5:45.92 GINGER PIERSON	49	25:38.19 PAT WHITE MALEY	51	28.64 DIANA TODD TAFT	94
2:54.41 MEEGAN WILSON	46	5:47.67 CATHY MANCINO	45	26:00.22 NANCY LOWDEN	53	29.56 DIANA TODD	51
2:55.50 NANCY STANBURY	45	5:50.66 LUCY JOHNSON	47	50 YD. BACK WOMEN 50-54		30.89 JUDY REED	51
2:55.86 STEPHANIE WALSH	45	5:51.59 CHRISTIE SLIMAK	47	32.66 BETTY BENNETT	94	31.96 SARAH BROUGHNER	53
2:56.87 CHRISTIE SLIMAK	47	5:52.58 GWEN DEELEY	45	33.46 BETTY BENNETT	52	32.16 NANCY RIDOUT	53
2:58.07 SALLY DILLON	48	*****		34.44 EVELYN HAUSBERGER	51	32.36 IRENE DAVID	51
2:58.21 BARBARA DUNBAR	45	50 YD. FREE WOMEN 50-54		34.72 JUDY REED	51	32.71 BARBARA HOELLEN	52
2:58.57 LESLIE TREAT	46	27.02 DIANE TODD	94	35.90 BARBARA FRID	53	35.06 MAUREEN KIKUT	50
3:00.87 KATHRINE CASEY	46	27.56 DIANA TODD	51	35.93 NANCY RIDOUT	53	35.11 SUSAN ALLEN	50
50 YD. FLY WOMEN 45-49		27.65 JUDY REED	51	35.94 DIANA TODD	51	35.16 KATHLEEN DANFORD	51
28.26 ARDETH MUELLER	88	28.37 CYNTHIA O'HARE	51	36.28 MARY POHLMANN	50	35.97 JACKIE MURPHY	50
30.23 ANNE GRAMS	47	28.60 NANCY RIDOUT	53	36.52 SUSAN PETERSON	52	100 YD. FLY WOMEN 50-54	
30.36 BARBARA DUNBAR	45	29.37 IRENE DAVID	51	37.60 NANCY KIRKENDALL	52	1:05.69 ARDETH MUELLER	92
30.55 RUTH SHAPS	47	29.50 BETTY BENNETT	51	37.83 JANE KATZ	51	1:08.03 DIANA TODD	51
30.69 SHARON WISE	48	30.03 KATHLEEN DANFORD	51	37.83 PINKY WALKER	52	1:15.07 IRENE DAVID	51
30.84 CECILIA MCCLOSKEY	45	30.09 EVELYN HAUSBERGER	51	100 YD. BACK WOMEN 50-54		1:16.50 SUSAN PETERSON	52
30.85 CYNTHIA JONES	45	30.46 NANCY BROOKS	52	1:10.58 BETTY BENNETT	94	1:20.64 BARBARA HOELLEN	52
30.95 LUCY JOHNSON	47	30.79 JACKIE MURPHY	50	1:13.98 BETTY BENNETT	51	1:21.80 JACKIE MARR	51
31.35 SUZANNE COOPER	45	100 YD. FREE WOMEN 50-54		1:16.52 MARY POHLMANN	50	1:22.65 SUSAN ALLEN	50
31.51 JUDY LEE	45	59.05 ARDETH MUELLER	93	1:16.66 JANE KATZ	52	1:23.52 MAUREEN KIKUT	50
31.79 GINGER PIERSON	49	1:00.26 CAROLYN BOAK	50	1:17.38 EVELYN HAUSBERGER	51	1:27.69 KATHLEEN DANFORD	51
100 YD. FLY WOMEN 45-49		1:00.37 DIANA TODD	51	1:19.30 BARBARA FRID	53	1:27.95 LYNNE LUND	54
1:03.08 ARDETH MUELLER	88	1:01.33 JUDY REED	51	1:19.45 JUDY REED	51	1:30.12 CAROLYN BEHSE	51
1:06.35 BARBARA DUNBAR	45	1:03.58 NANCY RIDOUT	53	1:22.38 NANCY KIRKENDALL	52	200 YD. FLY WOMEN 50-54	
1:10.21 STEPHANIE WALSH	45	1:04.66 CYNTHIA O'HARE	51	1:22.62 PINKY WALKER	52	2:25.73 ARDETH MUELLER	92
1:10.23 LUCY JOHNSON	47	1:06.24 EVELYN HAUSBERGER	51	1:22.68 CAROL LAIRD	52	2:54.00 JACKIE MARR	52
1:11.98 CATHY MANCINO	45	1:06.60 IRENE DAVID	51	1:22.83 JUDY MARTIN	52	2:58.67 IRENE DAVID	51
1:13.08 JUDY LEE	45	1:07.70 BETTY BENNETT	51	200 YD. BACK WOMEN 50-54		3:03.83 ELAINE BROMWICH	52
1:13.29 SHERRY PUTHOFF	47	1:09.92 JACKIE MURPHY	51	2:37.19 BETTY BENNETT	94	3:07.31 JANE KATZ	52
1:13.95 CATHERINE QUILL	45	1:10.44 NANCY KIRKENDALL	52	2:44.20 BETTY BENNETT	51	3:09.69 CAROLYN BEHSE	51
1:14.45 SANDI ROUSSEAU	47	200 YD. FREE WOMEN 50-54		2:45.72 MARY POHLMANN	50	3:10.74 BETTY BENNETT	52
1:14.48 B.EDELMAIER	48	2:11.99 ARDETH MUELLER	94	2:46.03 JANE KATZ	52	3:15.43 SUSAN ALLEN	50
1:15.04 JEAN WOOD	47	2:13.61 CAROLYN BOAK	50	2:47.97 SARAH BROUGHNER	53	3:24.28 KATHLEEN DANFORD	51
200 YD. FLY WOMEN 45-49		2:17.92 JUDY REED	51	2:52.49 EVELYN HAUSBERGER	51	3:32.55 SUSAN ANSON	54
2:20.14 ARDETH MUELLER	88	2:22.86 DIANA TODD	51	2:53.23 JACKIE MARR	52	3:38.65 FREDERICKA RAPP	51
2:24.42 BARBARA DUNBAR	46	2:23.41 NANCY RIDOUT	53	2:57.00 JUDY MARTIN	52	100 YD. I.M. WOMEN 50-54	
2:36.62 CATHY MANCINO	45	2:27.17 CYNTHIA O'HARE	51	2:57.26 BETSY DURRANT	53	1:08.59 DIANA TODD	94
2:38.90 ANNE GRAMS	47	2:27.45 EVELYN HAUSBERGER	51	2:58.53 BARBARA FRID	52	1:09.46 CAROLYN BOAK	50
2:43.00 SHARON WISE	48	2:28.71 JACKIE MARR	52	2:58.66 NANCY KIRKENDALL	52	1:10.21 DIANA TODD	51
2:43.04 GINGER PIERSON	48	2:32.02 BETTY BENNETT	51	50 YD. BRST WOMEN 50-54		1:15.43 JUDY REED	51
2:44.26 CATHERINE QUILL	45	2:32.66 MARY POHLMANN	50	34.89 DIANA TODD TAFT	94	1:16.21 BETTY BENNETT	52
2:46.85 LUCY JOHNSON	47	2:33.01 ELAINE BROMWICH	52	35.19 CAROLYN BOAK	50	1:17.42 JACKIE MARR	51
2:57.42 VIKI ALTOMONTE	45	500 YD. FREE WOMEN 50-54		36.05 ELAINE BROMWICH	52	1:17.97 SUSAN PETERSON	52
2:57.68 CAROLYN KENT	48	5:53.05 ARDETH MUELLER	92	36.26 DIANA TODD	51	1:18.55 CYNTHIA O'HARE	51
3:01.32 B.EDELMAIER	48	6:19.94 NANCY RIDOUT	53	37.83 JANE KATZ	51	1:18.66 ELAINE BROMWICH	52
100 YD. I.M. WOMEN 45-49		6:22.63 JACKIE MARR	52	38.63 NANCY BROOKS	52	1:18.97 NANCY RIDOUT	52
1:07.25 SUSAN ROY	94	6:41.23 MARY POHLMANN	50	38.75 NANCY RIDOUT	52	1:19.73 J.MURPHY-SHERMAN	50
1:08.35 CECILIA MCCLOSKEY	45	6:56.08 BARBARA FRID	52	38.90 MAUREEN KIKUT	50	200 YD. I.M. WOMEN 50-54	
1:10.77 CELESTE MILLER	45	7:00.60 J.MURPHY-SHERMAN	50	38.99 DANIELA BARNEA	51	2:32.49 ARDETH MUELLER	94
1:11.14 CATHY IMWALLE	45	7:01.58 SUSAN ALLEN	50	39.03 JACKIE MURPHY	50	2:33.71 CAROLYN BOAK	50
1:11.26 CAROLYN BOAK	49	7:05.02 BETSY DURRANT	53	39.08 BEA HACKETT	50	2:45.61 JACKIE MARR	52
1:11.67 GINGER PIERSON	49	7:05.72 JOAN SPANGLER	51	100 YD. BRST WOMEN 50-54		2:46.56 BETTY BENNETT	52
1:12.77 RUTH SHAPS	47	7:09.87 PINKY WALKER	52	1:17.24 CAROLYN BOAK	95	2:46.59 SARAH BROUGHNER	53
1:13.21 SUZANNE COOPER	45	7:16.91 NANCY KIRKENDALL	52	1:17.24 CAROLYN BOAK	50	2:48.62 J.MURPHY-SHERMAN	50
1:13.30 BARBARA DUNBAR	46	1000 YD. FREE WOMEN 50-54		1:18.15 ELAINE BROMWICH	52	2:49.33 ELAINE BROMWICH	52
1:13.55 MIMI FRANK	47	12:04.45 ARDETH MUELLER	94	1:22.50 NANCY BROOKS	52	2:57.42 SUSAN ALLEN	50
1:13.57 LYNN CARTEE	48	13:08.55 JANE KATZ	52	1:22.63 DIANA TODD	51	2:58.54 SUSAN PETERSON	52
200 YD. I.M. WOMEN 45-49		13:29.22 NANCY RIDOUT	53	1:23.53 J.MURPHY-SHERMAN	50	2:58.84 SUSAN GARFIN	52
2:24.53 ARDETH MUELLER	88	13:39.11 J.MURPHY-SHERMAN	50	1:24.96 MAUREEN KIKUT	50	2:59.05 MAUREEN KIKUT	50
2:26.49 CECILIA MCCLOSKEY	45	13:41.92 BARBARA FRID	53	1:25.22 DANIELA BARNEA	51	400 YD. I.M. WOMEN 50-54	
2:30.51 CELESTE MILLER	45	13:45.10 JACKIE MARR	51	1:25.88 CAROL LAIRD	52	5:22.42 ARDETH MUELLER	92
2:30.91 BARBARA DUNBAR	45	13:53.27 MARY POHLMANN	50	1:26.91 BETSY DURRANT	53	5:48.60 JACKIE MARR	52
2:36.16 CAROLYN BOAK	49	14:23.68 BETSY DURRANT	53	1:27.77 BARBARA FRID	53	5:59.25 J.MURPHY-SHERMAN	50
2:37.02 STEPHANIE WALSH	45	14:29.46 NANCY KIRKENDALL	52	200 YD. BRST WOMEN 50-54		6:08.51 ELAINE BROMWICH	52
2:37.79 GINGER PIERSON	48	14:32.17 SUSAN ALLEN	50	2:50.93 JOANN LEILICH	90	6:17.55 SUSAN ALLEN	50
2:39.41 MIMI FRANK	47	14:47.47 MARIANA PHIPPS	51	2:51.78 ELAINE BROMWICH	52	6:25.39 JUDY MARTIN	52
2:40.12 LUCY JOHNSON	47	1650 YD. FREE WOMEN 50-54		3:02.02 J.MURPHY-SHERMAN	50	6:29.39 PINKY WALKER	52
2:40.79 ANNE GRAMS	47	20:08.79 ARDETH MUELLER	92	3:03.44 DANIELA BARNEA	51	6:32.93 CAROLYN BEHSE	51
2:41.66 F.WILLIAMSON	47	21:52.24 JANE KATZ	52	3:05.95 NANCY BROOKS	52	6:40.82 FREDERICKA RAPP	51
400 YD. I.M. WOMEN 45-49		22:25.88 NANCY RIDOUT	53	3:07.85 MAUREEN KIKUT	50	6:41.96 PAM HIMSTREET	51

TOP TEN SHORT COURSE YARDS

6:55.46 JANE HOLT	50	35.08 BETSY JORDAN	58	36.97 NANCY BROWN	58	33.19 ANN KAY	61
*****		38.46 NANCY BROWN	58	37.47 BEVERLY MYERS	59	33.33 BETTY BREY	63
50 YD. FREE WOMEN 55-59		38.54 BEVERLY MYERS	59	37.56 MIDGE KRAETZER	56	33.72 HARRIET FORKEY	62
28.03 JAYNE BRUNER	90	38.59 ANN CHAMP	59	38.30 JUDY BENDORF	55	100 YD. FREE WOMEN 60-64	
29.92 JAYNE LAMBKE	55	38.93 JAYNE LAMBKE	55	38.30 DORIS KLITZKE	59	1:06.31 JAYNE BRUNER	95
30.74 JOHNNIE DETRICK	59	39.47 CHARLOTTE JENKINS	56	38.93 SUSAN BRADLEY-COX	57	1:06.31 JAYNE BRUNER	61
31.39 BARBARA ZAREMSKI	57	40.47 BARBARA ZAREMSKI	57	100 YD. FLY WOMEN 55-59		1:08.95 LAVELLE STOINOFF	62
31.63 JOANN LEILICH	56	40.54 SUSAN SPRINGER	56	1:15.18 JAYNE BRUNER	91	1:10.67 RONNIE KAMPHAUSEN	60
31.64 SUSAN BRADLEY-COX	57	40.77 DORIS KLITZKE	59	1:17.18 SPERRY RADEMAKER	55	1:11.45 DIANE STOWELL	60
31.66 CHARLOTTE JENKINS	56	40.98 MIDGE KRAETZER	56	1:19.67 JAYNE LAMBKE	55	1:12.39 DIANE REED	64
32.32 NANCY BROWN	58	100 YD. BACK WOMEN 55-59		1:24.00 CHARLOTTE JENKINS	56	1:14.55 DENA MANN	63
32.65 BETSY JORDAN	57	1:11.11 BETSY JORDAN	92	1:24.64 LUCILLE GRIFFIN	56	1:14.65 ANN KAY	61
33.23 SALLY NEWELL	57	1:18.33 BETSY JORDAN	58	1:26.92 NANCY BROWN	58	1:16.35 HARRIET FORKEY	62
33.49 CLAIRE O'BRIEN	56	1:19.30 NANCY BROWN	59	1:27.66 SUSAN LIVINGSTON	56	1:16.49 MARGARET TIMMINS	64
100 YD. FREE WOMEN 55-59		1:22.16 SUSAN LIVINGSTON	56	1:29.72 BETSY JORDAN	57	1:21.02 BARBARA CALLISON	62
1:02.38 JAYNE BRUNER	90	1:22.82 ANN CHAMP	59	1:30.77 MARGIT JEBE	56	200 YD. FREE WOMEN 60-64	
1:06.01 JAYNE LAMBKE	55	1:24.11 LUCILLE GRIFFIN	56	1:31.47 MIDGE KRAETZER	56	2:25.85 LAVELLE STOINOFF	95
1:08.75 SUSAN BRADLEY-COX	57	1:24.19 BEVERLY MYERS	59	1:31.71 BEVERLY MYERS	59	2:25.85 LAVELLE STOINOFF	62
1:09.27 NANCY BROWN	59	1:28.54 DOROTHY WHITEHEAD	59	200 YD. FLY WOMEN 55-59		2:33.53 JAYNE BRUNER	60
1:10.44 CHARLOTTE JENKINS	56	1:28.86 SUSAN SPRINGER	56	2:51.18 GAIL ROPER	86	2:36.79 RONNIE KAMPHAUSEN	60
1:10.65 CLAIRE O'BRIEN	56	1:29.81 BARBARA ZAREMSKI	57	3:01.26 SPERRY RADEMAKER	55	2:39.93 DIANE STOWELL	61
1:10.72 BETSY JORDAN	57	1:31.08 DORIS KLITZKE	59	3:04.94 NANCY BROWN	59	2:42.48 ANN KAY	61
1:11.93 JOHNNIE DETRICK	59	200 YD. BACK WOMEN 55-59		3:12.40 JAYNE LAMBKE	55	2:44.18 DENA MANN	63
1:13.41 BEVERLY MYERS	59	2:34.80 BETSY JORDAN	92	3:12.78 LUCILLE GRIFFIN	56	2:44.35 DIANE REED	64
1:13.45 BARBARA ZAREMSKI	57	2:51.33 BETSY JORDAN	58	3:13.43 JOANN LEILICH	56	2:49.09 ANNE MC GUIRE	60
1:14.00 MARGO BOUER	59	2:51.76 NANCY BROWN	59	3:17.62 SUSAN MUNN	56	2:51.14 ANN PISCIOTTA	64
200 YD. FREE WOMEN 55-59		2:52.62 ANN CHAMP	59	3:17.81 MARGIT JEBE	56	2:57.13 LIDA GASCHKE	63
2:22.66 LAVELLE STOINOFF	88	2:56.64 SUSAN LIVINGSTON	56	3:17.89 BETSY JORDAN	58	500 YD. FREE WOMEN 60-64	
2:30.02 JAYNE LAMBKE	55	3:02.37 LUCILLE GRIFFIN	56	3:22.29 SUSAN LIVINGSTON	56	6:22.62 LAVELLE STOINOFF	93
2:33.47 BETSY JORDAN	57	3:04.41 BEVERLY MYERS	59	3:26.29 ELIZABETH JOHNSON	55	6:31.49 LAVELLE STOINOFF	62
2:33.61 SUSAN BRADLEY-COX	57	3:07.46 SUSAN SPRINGER	56	100 YD. I.M. WOMEN 55-59		6:54.60 RONNIE KAMPHAUSEN	60
2:35.15 SUSAN MUNN	56	3:12.54 JOANN LEILICH	56	1:12.56 JAYNE BRUNER	92	6:54.84 DIANE STOWELL	60
2:36.01 NANCY BROWN	58	3:14.52 JANE LAMBKE	55	1:18.45 JOANN LEILICH	55	7:18.30 ANNE MCGUIRE	60
2:36.77 CHARLOTTE JENKINS	56	3:18.31 ANN MCDONNELL	56	1:19.02 CLAIRE O'BRIEN	56	7:35.53 DIANE REED	64
2:37.42 CLAIRE O'BRIEN	56	50 YD. BRST WOMEN 55-59		1:20.80 BETSY JORDAN	57	7:36.41 ANN PISCIOTTA	64
2:38.12 JOANN LEILICH	56	35.16 JAYNE BRUNER	91	1:21.47 JAYNE LAMBKE	55	7:48.54 MALCHIA OLSHAN	64
2:40.13 LUCILLE GRIFFIN	56	37.00 JOANN LEILICH	56	1:22.27 NANCY BROWN	58	7:55.96 LIDA GASCHKE	63
2:44.15 BEVERLY MYERS	59	40.25 SALLY NEWELL	57	1:22.49 BEVERLY MYERS	59	7:59.90 BARBARA CALLISON	62
500 YD. FREE WOMEN 55-59		40.32 DOROTHY BURKE	55	1:22.86 CHARLOTTE JENKINS	56	8:00.22 DONNA MONROE	61
6:09.83 LAVELLE STOINOFF	88	40.37 MARGIT JEBE	56	1:23.26 SUSAN MUNN	56	1000 YD. FREE WOMEN 60-64	
6:41.32 SPERRY RADEMAKER	55	40.80 MARGIE HEINEMAN	57	1:24.81 MARGIT JEBE	56	13:12.73 LAVELLE STOINOFF	93
6:43.05 NANCY BROWN	59	40.95 JOHNNIE DETRICK	59	1:26.10 JUDY BENDORF	55	13:27.55 LAVELLE STOINOFF	62
6:48.98 SUSAN BRADLEY-COX	57	41.40 JACQUELYN PIPER	57	200 YD. I.M. WOMEN 55-59		14:22.45 DIANE STOWELL	61
6:50.20 JAYNE LAMBKE	55	41.92 ELIZABETH JOHNSON	55	2:44.30 BETSY JORDAN	92	15:31.50 ANNE MCGUIRE	60
6:54.88 BETSY JORDAN	57	42.09 CHARLOTTE JENKINS	56	2:55.12 JOANN LEILICH	56	15:42.59 ANN PISCIOTTA	64
6:57.21 SUSAN MUNN	56	42.13 BEVERLY MYERS	59	2:57.57 NANCY BROWN	58	15:56.17 MALCHIA OLSHAN	64
7:05.14 CLAIRE O'BRIEN	56	100 YD. BRST WOMEN 55-59		2:59.54 BEVERLY MYERS	59	16:10.79 LIDA GASCHKE	63
7:09.30 BARBARA ZAREMSKI	57	1:18.52 JAYNE BRUNER	91	3:00.36 BETSY JORDAN	58	16:24.66 DONNA MONROE	61
7:11.23 JOANN LEILICH	56	1:21.79 JOANN LEILICH	56	3:01.35 SUSAN MUNN	56	16:31.18 BARBARA JOHNSON	62
7:11.61 CHARLOTTE JENKINS	56	1:26.51 DOROTHY BURKE	55	3:02.33 SUSAN BRADLEY-COX	57	16:32.48 ADRIENNE PIPES	60
1000 YD. FREE WOMEN 55-59		1:27.24 SALLY NEWELL	57	3:02.92 SUSAN LIVINGSTON	56	16:36.90 BARBARA CALLISON	62
12:45.02 LAVELLE STOINOFF	88	1:27.41 MARGIT JEBE	56	3:03.68 JAYNE LAMBKE	55	1650 YD. FREE WOMEN 60-64	
13:56.85 NANCY BROWN	59	1:29.19 JACQUELYN PIPER	57	3:05.69 DOROTHY BURKE	55	22:13.13 LAVELLE STOINOFF	93
14:03.95 SPERRY RADEMAKER	55	1:29.80 JOHNNIE DETRICK	59	3:06.71 ELIZABETH JOHNSON	55	22:29.66 LAVELLE STOINOFF	62
14:04.27 SUSAN BRADLEY-COX	57	1:29.93 ELIZABETH JOHNSON	55	400 YD. I.M. WOMEN 55-59		25:52.29 ANNE MCGUIRE	60
14:08.22 SUSAN MUNN	56	1:32.19 BEVERLY MYERS	59	5:54.24 NANCY BROWN	91	26:19.59 ANN PISCIOTTA	64
14:24.19 BETSY JORDAN	58	1:33.82 ALICE JONES	56	6:05.46 SPERRY RADEMAKER	55	26:34.77 MALCHIA OLSHAN	64
14:28.36 JAYNE LAMBKE	55	1:34.69 DAWN STROUPE	56	6:11.06 NANCY BROWN	59	26:36.75 ADRIENNE PIPES	60
14:37.54 CHARLOTTE JENKINS	56	200 YD. BRST WOMEN 55-59		6:16.48 JOANN LEILICH	56	27:09.94 DONNA MONROE	61
14:38.86 CLAIRE O'BRIEN	56	2:55.76 JOANN LEILICH	94	6:24.58 BETSY JORDAN	58	29:09.43 A.CLARK-WEAVER	64
14:55.17 BARB ZAREMSKI	57	2:59.98 JOANN LEILICH	56	6:25.98 SUSAN LIVINGSTON	56	29:39.44 BEVERLY TUCKER	60
15:14.75 SANDRA KINGDON	56	3:07.88 DOROTHY BURKE	55	6:26.25 JAYNE LAMBKE	55	31:18.76 NANCY MC PHEE	61
1650 YD. FREE WOMEN 55-59		3:12.14 MARGIT JEBE	56	6:31.88 SUSAN MUNN	56	31:20.58 MARTY BARRY	62
21:22.63 LAVELLE STOINOFF	89	3:14.06 ELIZABETH JOHNSON	55	6:36.63 DOROTHY BURKE	55	50 YD. BACK WOMEN 60-64	
23:16.52 SUSAN BRADLEY-COX	57	3:14.09 SALLY NEWELL	57	6:41.68 ELIZABETH JOHNSON	55	35.27 CLARA WALKER	91
23:18.44 NANCY BROWN	59	3:18.22 BEVERLY MYERS	59	6:46.32 BARBARA ZAREMSKI	57	38.26 RONNIE KAMPHAUSEN	60
23:36.64 SUSAN MUNN	56	3:20.05 JACQUELYN PIPER	57	*****		38.62 JAYNE BRUNER	60
23:59.62 JAYNE LAMBKE	55	3:22.02 SANDRA KINGDON	56	50 YD. FREE WOMEN 60-64		39.00 ANN KAY	61
24:36.69 BETSY JORDAN	55	3:23.45 NANCY BROWN	58	28.79 JAYNE BRUNER	95	40.37 LAVELLE STOINOFF	62
25:11.80 SANDRA KINGDON	56	3:24.93 DAWN STROUPE	56	28.79 JAYNE BRUNER	61	41.22 DIANE STOWELL	60
25:15.71 ELIZABETH JOHNSON	55	50 YD. FLY WOMEN 55-59		31.05 RONNIE KAMPHAUSEN	60	41.56 JUDY CHADIMA	64
25:18.77 SUSAN SPRINGER	56	31.76 GAIL ROPER	85	31.79 DIANE STOWELL	60	41.85 SUZANNE ROBBINS	61
25:21.95 BARBARA JORDAN	57	33.94 JAYNE LAMBKE	55	32.15 DIANE REED	64	41.88 SCOTTIE HOLLIDAY	61
25:23.31 TESSIE BRANSCOMB	59	34.44 SPERRY RADEMAKER	55	32.30 LAVELLE STOINOFF	62	42.46 DENA MANN	63
50 YD. BACK WOMEN 55-59		34.64 CHARLOTTE JENKINS	56	32.98 MARGARET TIMMINS	64	43.10 MARIA YUNGEL	62
32.97 BETSY JORDAN	93	35.79 BETSY JORDAN	57	33.17 BARBARA JOHNSON	62	100 YD. BACK WOMEN 60-64	

TOP TEN SHORT COURSE YARDS

1:17.94 CLARA WALKER	91	1:32.82 ANN PISCIOTTA	64	1:18.20 NANCY MACBETH	66	2:58.87 CLARA WALKER	92
1:22.66 JAYNE BRUNER	60	1:32.90 BARBARA CALLISON	62	1:18.28 BETTY RUSS	68	3:05.79 CLARA WALKER	68
1:23.79 RONNIE KAMPHAUSEN	60	1:37.66 JOAN ALEXANDER	63	1:21.23 EDIE GRUENDER	66	3:15.16 MARIANNA HAGAN	66
1:27.72 ANN KAY	61	1:43.17 ADRIENNE PIPES	60	200 YD. FREE WOMEN 65-69		3:16.07 JUNE KRAUSER	68
1:29.31 DENA MANN	63	1:50.20 MALCHIA OLSHAN	64	2:35.44 CLARA WALKER	92	3:17.50 NANCY MACBETH	66
1:30.63 DIANE STOWELL	60	1:50.95 JANET MOELLER	60	2:41.59 CLARA WALKER	68	3:18.42 GAIL ROPER	65
1:33.03 SUZANNE ROBBINS	61	1:51.06 SHIRLEY BEHELER	60	2:43.34 GAIL ROPER	65	3:23.26 DELLA SEHORN	67
1:35.37 MARIA YUNGEL	62	200 YD. FLY WOMEN 60-64		2:45.25 JUNE KRAUSER	68	3:25.70 CYNTHIA BRUCE	66
1:36.75 ARDIS BOURLAND	62	3:10.64 JUNE KRAUSER	88	2:48.47 JEAN TROY	67	3:28.96 FLORENCE CARR	69
1:37.39 ANN PISCIOTTA	64	3:14.28 ANNE MCGUIRE	60	2:49.51 MARGARET TIMMINS	65	3:30.70 KATY BURRELL	66
1:38.36 JUDY CHADIMA	64	3:26.66 ANN PISCIOTTA	64	2:53.03 BETTY RUSS	68	3:33.27 BETTY RUSS	67
200 YD. BACK WOMEN 60-64		3:40.94 JOAN ALEXANDER	63	2:53.46 FLORENCE CARR	69	50 YD. BRST WOMEN 65-69	
2:51.80 LAVELLE STOINOFF	95	3:53.70 BARBARA CALLISON	62	3:00.45 ANITA HAZEN	67	40.79 CLARA WALKER	93
2:51.80 LAVELLE STOINOFF	62	3:55.95 MALCHIA OLSHAN	64	3:01.93 EDIE GRUENDER	66	41.75 SYLVIA EISELE	65
3:01.91 ANN KAY	61	3:58.41 ADRIENNE PIPES	60	3:04.19 PATTI GAY	65	42.15 CLARA WALKER	68
3:05.70 RONNIE KAMPHAUSEN	60	4:06.72 JANET MOELLER	60	500 YD. FREE WOMEN 65-69		43.05 CAROL TAYLOR	66
3:23.44 MARIA YUNGEL	62	4:20.28 JILL COLEMAN	64	6:49.80 CLARA WALKER	92	43.61 GAIL ROPER	65
3:27.14 SUZANNE ROBBINS	61	4:51.72 RUTH HERTZBERG	62	7:15.67 GAIL ROPER	65	44.92 JUNE KRAUSER	68
3:27.77 ANN PISCIOTTA	64	100 YD. I.M. WOMEN 60-64		7:17.18 CLARA WALKER	68	45.21 ALICIA COLEMAN	69
3:28.56 DONNA EDELBAUM	61	1:17.38 JAYNE BRUNER	95	7:18.06 JUNE KRAUSER	68	46.01 CYNTHIA BRUCE	66
3:31.72 MARYJANE MULLINS	63	1:17.38 JAYNE BRUNER	61	7:36.10 JEAN TROY	67	46.34 MICKEY SHOCKLEY	66
3:33.75 JILL COLEMAN	64	1:22.38 DIANE STOWELL	60	7:46.62 BETTY RUSS	68	47.11 M.J. AMSBARY	69
3:35.59 BARBARA ALLEN	61	1:23.04 RONNIE KAMPHAUSEN	60	7:48.23 FLORENCE CARR	69	47.66 FLORENCE CARR	69
50 YD. BRST WOMEN 60-64		1:26.01 ANNE MCGUIRE	60	7:54.41 ANITA HAZEN	67	100 YD. BRST WOMEN 65-69	
37.66 JAYNE BRUNER	94	1:26.70 LAVELLE STOINOFF	62	8:13.86 NANCY DURSTEIN	65	1:29.00 CLARA WALKER	93
37.66 JAYNE BRUNER	60	1:26.95 ANN KAY	61	8:16.56 BETTY BARABASH	66	1:33.14 GAIL ROPER	65
40.20 DIANE STOWELL	60	1:27.10 ANN PISCIOTTA	64	8:20.46 ALICE LAWRENCE	65	1:34.39 SYLVIA EISELE	65
40.70 ANNE MCGUIRE	60	1:28.19 BARBARA CALLISON	62	1000 YD. FREE WOMEN 65-69		1:34.64 CLARA WALKER	68
40.71 ANN PISCIOTTA	64	1:34.69 DIANE REED	64	14:04.18 CLARA WALKER	93	1:35.09 CAROL TAYLOR	66
43.66 IDA SMITH	61	1:36.63 JANET MOELLER	60	14:45.57 CLARA WALKER	68	1:37.03 JUNE KRAUSER	68
44.23 IRMA REIMER	63	200 YD. I.M. WOMEN 60-64		15:08.39 JUNE KRAUSER	68	1:40.38 MICKEY SHOCKLEY	66
45.27 CAROL FERGUSON	63	2:52.50 CLARA WALKER	91	15:19.17 GAIL ROPER	65	1:45.66 ALICIA COLEMAN	69
45.42 BEVERLEY TUCKER	60	3:03.15 DIANE STOWELL	60	15:23.46 JEAN TROY	67	1:46.20 M.J. AMSBARY	69
45.87 BARBARA CALLISON	61	3:09.77 ANNE MCGUIRE	60	15:55.96 FLORENCE CARR	69	1:46.97 SUZANNE GRAHAM	68
46.15 J. MOELLER	60	3:10.71 ANN KAY	61	15:59.71 BETTY RUSS	68	1:46.97 BETTY RUSS	67
100 YD. BRST WOMEN 60-64		3:11.51 ANN PISCIOTTA	64	16:24.93 ANITA HAZEN	67	200 YD. BRST WOMEN 65-69	
1:25.08 JAYNE BRUNER	94	3:12.53 BARBARA CALLISON	62	17:02.19 EDIE GRUENDER	66	3:15.96 CLARA WALKER	93
1:25.08 JAYNE BRUNER	60	3:24.01 MARIA YUNGEL	62	17:18.58 FAY BECK	68	3:26.24 GAIL ROPER	65
1:28.21 ANNE MCGUIRE	60	3:27.53 JOAN ALEXANDER	63	17:19.95 BETTY BARABASH	66	3:27.06 CLARA WALKER	68
1:28.80 ANN PISCIOTTA	64	3:27.89 DIANE REED	64	1650 YD. FREE WOMEN 65-69		3:28.64 JUNE KRAUSER	68
1:32.77 DIANE STOWELL	60	3:37.71 DONNA MONROE	61	23:46.31 CLARA WALKER	93	3:33.06 SYLVIA EISELE	65
1:35.50 IDA SMITH	60	3:38.83 SHIRLEY BEHELER	60	24:51.57 JUNE KRAUSER	68	3:35.72 CAROL TAYLOR	66
1:37.95 BARBARA CALLISON	62	400 YD. I.M. WOMEN 60-64		25:23.11 GAIL ROPER	65	3:42.47 MICKEY SHOCKLEY	66
1:39.14 CAROL FERGUSON	63	6:14.72 CLARA WALKER	91	25:57.93 MARGARET TIMMINS	65	3:43.19 BETTY RUSS	67
1:39.57 IRMA REIMER	63	6:40.97 ANNE MCGUIRE	60	27:19.90 ANITA HAZEN	67	3:46.59 RUTH AARON	65
1:41.16 RONNIE KAMPHAUSEN	61	6:46.37 ANN PISCIOTTA	64	27:32.64 FLORENCE CARR	69	3:52.33 BARBARA OWENS	65
1:43.33 DONNA EDELBAUM	61	7:00.48 BARBARA CALLISON	62	27:50.38 NANCY DURSTEIN	65	3:53.72 M.J. AMSBARY	69
200 YD. BRST WOMEN 60-64		7:23.59 JOAN ALEXANDER	63	29:02.09 ALICE LAWRENCE	65	50 YD. FLY WOMEN 65-69	
3:11.24 ANN PISCIOTTA	91	7:29.99 MARIA YUNGEL	62	29:30.93 FAY BECK	68	35.44 GAIL ROPER	95
3:11.27 ANN PISCIOTTA	64	7:33.47 ADRIENNE PIPES	60	31:09.82 D.J. MURRAY	65	35.44 GAIL ROPER	65
3:12.63 ANNE MCGUIRE	60	7:36.05 MALCHIA OLSHAN	64	31:13.96 BOBBI TURCOTTE	67	39.10 JUNE KRAUSER	68
3:14.32 LAVELLE STOINOFF	62	7:36.34 DONNA MONROE	61	50 YD. BACK WOMEN 65-69		39.77 FLORENCE CARR	69
3:21.46 P.GOLDSTEIN	62	7:48.18 JANET MOELLER	60	36.03 CLARA WALKER	92	40.43 NANCY MACBETH	66
3:31.29 IDA SMITH	61	7:55.44 SHIRLEY BEHELER	60	37.06 CLARA WALKER	68	41.10 CYNTHIA BRUCE	67
3:31.70 CAROL FERGUSON	63	*****		38.72 CYNTHIA BRUCE	66	41.25 EDIE GRUENDER	66
3:32.71 BARBARA CALLISON	62	50 YD. FREE WOMEN 65-69		40.07 BARBARA OWENS	65	41.67 DELLA SEHORN	67
3:35.74 JOAN ALEXANDER	63	31.01 CLARA WALKER	92	40.98 MARGARET TIMMINS	65	42.41 MARGARET TIMMINS	65
3:51.88 PEGGY BUCHANNAN	62	31.59 MARGARET TIMMINS	65	41.14 DELLA SEHORN	67	42.52 CAROL TAYLOR	66
3:53.73 JANET MOELLER	60	32.36 GAIL ROPER	65	41.16 GAIL ROPER	65	44.18 JEAN TROY	67
50 YD. FLY WOMEN 60-64		32.72 CLARA WALKER	68	41.21 NANCY MACBETH	66	100 YD. FLY WOMEN 65-69	
33.07 JAYNE BRUNER	95	33.38 CYNTHIA BRUCE	66	42.03 JUDY CHADIMA	65	1:26.26 JUNE KRAUSER	95
33.07 JAYNE BRUNER	61	33.91 FLORENCE CARR	69	42.09 FLORENCE CARR	69	1:26.26 JUNE KRAUSER	68
36.95 BETTY BREY	63	34.09 NANCY MACBETH	66	43.16 JUNE KRAUSER	68	1:27.40 GAIL ROPER	65
37.44 BARBARA CALLISON	61	34.10 BETTY RUSS	68	100 YD. BACK WOMEN 65-69		1:36.30 NANCY MACBETH	66
38.28 ANN KAY	61	34.28 JEAN TROY	67	1:21.36 CLARA WALKER	94	1:39.32 CAROL TAYLOR	66
38.86 ANNE MCGUIRE	60	35.58 JUNE KRAUSER	68	1:23.39 CLARA WALKER	68	1:39.92 BETTY RUSS	67
39.47 ADRIENNE PIPES	60	35.58 BLANCHE GRAUER	67	1:26.71 CYNTHIA BRUCE	66	1:41.44 SYLVIA EISELE	65
39.54 DIANE STOWELL	60	100 YD. FREE WOMEN 65-69		1:31.20 GAIL ROPER	65	1:41.53 JEAN TROY	67
39.99 HARRIET FORKEY	62	1:09.04 CLARA WALKER	92	1:32.56 DELLA SEHORN	67	1:41.80 EDIE GRUENDER	66
41.36 ANN PISCIOTTA	64	1:11.92 CLARA WALKER	68	1:32.90 JUNE KRAUSER	68	1:42.99 CLARA WALKER	68
41.51 RACHEL WHITE	60	1:12.05 MARGARET TIMMINS	65	1:33.78 FLORENCE CARR	69	1:44.75 FLORENCE CARR	69
100 YD. FLY WOMEN 60-64		1:14.45 GAIL ROPER	65	1:33.94 JUDY CHADIMA	65	200 YD. FLY WOMEN 65-69	
1:20.63 JAYNE BRUNER	95	1:15.33 JEAN TROY	67	1:38.73 BETTY RUSS	67	3:11.22 JUNE KRAUSER	94
1:20.63 JAYNE BRUNER	61	1:15.58 CYNTHIA BRUCE	66	1:38.79 SYLVIA EISELE	65	3:13.63 JUNE KRAUSER	68
1:27.85 RONNIE KAMPHAUSEN	61	1:17.00 FLORENCE CARR	69	1:39.40 KATY BURRELL	66	3:24.56 GAIL ROPER	65
1:29.25 ANNE MCGUIRE	60	1:17.14 JUNE KRAUSER	68	200 YD. BACK WOMEN 65-69		3:35.06 BETTY RUSS	68

TOP TEN SHORT COURSE YARDS

3:38.78 SYLVIA EISELE 65	3:21.02 MURIEL FLYNN 71	50 YD. BRST WOMEN 70-74	1:41.52 MARGERY MEYER 72
4:02.27 NANCY DURSTEIN 65	3:23.94 CLARA SOTAK 70	43.90 BETTY CHRISTIAN 93	1:42.68 JEANNE MERRYMAN 71
4:05.17 BARBARA OWENS 65	3:26.65 DIANA SILVA 73	46.59 BETTY CHRISTIAN 73	1:44.15 PETEY SMITH 70
4:14.97 GLADYS OLSEN 68	3:26.98 JEANNE MERRYMAN 72	47.13 REGAN KENNER 71	1:44.99 DOROTHY DONNELLY 73
4:28.85 RUTH HOSKINSON 65	500 YD. FREE WOMEN 70-74	47.56 M.J. AMSBARY 70	1:47.38 JAE HOWELL 71
4:41.93 MARIANNA HAGAN 66	7:42.57 PETEY SMITH 95	49.32 JAE HOWELL 71	1:48.08 MURIEL FLYNN 72
4:42.74 JOAN GLARATON 67	7:42.57 PETEY SMITH 70	50.20 LOIS NOCHMAN 70	1:49.18 NAN BLACKLEDGE 70
100 YD. I.M. WOMEN 65-69	7:46.38 MARGERY MEYER 72	51.07 MARJORIE STONE 71	1:49.27 SALLY SCHOLER 70
1:19.84 CLARA WALKER 92	8:39.40 GRACE ALTUS 71	51.15 MURIEL FLYNN 72	200 YD. I.M. WOMEN 70-74
1:22.22 CLARA WALKER 68	8:41.73 RUTH MANFREDI 71	53.21 MINNA HAMNER 72	3:31.04 DOROTHY DONNELLY 92
1:22.79 GAIL ROPER 65	8:50.90 LOIS NOCHMAN 70	54.01 MARGE BOWDEN 71	3:38.50 LOIS NOCHMAN 70
1:25.17 NANCY MACBETH 66	8:58.90 CLARA SOTAK 70	54.31 MIMI LEE 74	3:51.81 RUTH MANFREDI 71
1:27.84 FLORENCE CARR 69	9:01.93 NAN BLACKLEDGE 70	100 YD. BRST WOMEN 70-74	3:52.55 PETEY SMITH 70
1:28.27 JUNE KRAUSER 68	9:02.17 MURIEL FLYNN 72	1:39.18 BETTY CHRISTIAN 92	3:54.93 DIANA SILVA 73
1:28.58 CYNTHIA BRUCE 66	9:10.77 MARJORIE STONE 71	1:41.26 REGAN KENNER 71	3:57.68 DOROTHY DONNELLY 73
1:30.70 DELLA SEHORN 67	9:14.44 DOROTHY DONNELLY 73	1:44.67 BETTY CHRISTIAN 73	3:59.48 NAN BLACKLEDGE 70
1:33.06 JEAN TROY 67	1000 YD. FREE WOMEN 70-74	1:46.32 M.J. AMSBARY 70	4:00.47 JAE HOWELL 72
1:37.23 CAROL TAYLOR 66	15:53.86 PETEY SMITH 95	1:51.45 LOIS NOCHMAN 70	4:01.89 MURIEL FLYNN 72
1:39.30 SUZANNE GRAHAM 68	15:53.86 PETEY SMITH 70	1:53.00 JAE HOWELL 71	4:07.09 NANCY PHILLIPS 73
200 YD. I.M. WOMEN 65-69	16:03.87 MARGERY MEYER 72	1:53.82 MURIEL FLYNN 72	4:07.95 GRACE ALTUS 71
2:54.51 CLARA WALKER 92	17:21.35 GRACE ALTUS 71	1:59.09 PAULINE STANGLE 73	400 YD. I.M. WOMEN 70-74
3:04.74 CLARA WALKER 68	17:52.42 LOIS NOCHMAN 70	1:59.38 JANE DOUGHERTY 73	7:31.72 LOIS NOCHMAN 95
3:04.75 GAIL ROPER 65	18:25.96 CLARA SOTAK 70	2:01.33 MARJORIE STONE 71	7:31.72 LOIS NOCHMAN 70
3:09.24 JUNE KRAUSER 68	19:01.66 MARJORIE STONE 71	2:01.96 JUNE REYNOLDS 72	8:07.20 MARGERY MEYER 72
3:12.70 NANCY MACBETH 66	19:12.82 DOROTHY DONNELLY 73	200 YD. BRST WOMEN 70-74	8:12.10 RUTH MANFREDI 71
3:18.06 DELLA SEHORN 67	19:27.45 B.ANN BURRILL 74	3:36.00 BETTY CHRISTIAN 92	8:19.85 DIANA SILVA 73
3:20.89 FLORENCE CARR 69	19:49.90 BUNNY CEDERLUND 73	3:39.81 REGAN KENNER 71	8:22.10 JAE HOWELL 72
3:23.59 JEAN TROY 67	20:33.62 MARJORIE NEWMAN 71	3:47.93 BETTY CHRISTIAN 73	8:30.80 NAN BLACKLEDGE 70
3:31.24 CAROL TAYLOR 65	1650 YD. FREE WOMEN 70-74	3:51.15 M.J. AMSBARY 70	8:40.04 BETTY DUNN 70
3:34.90 BARBARA OWENS 65	26:52.84 MARGERY MEYER 95	3:58.96 LOIS NOCHMAN 70	8:46.66 JUNE REYNOLDS 72
3:39.89 NANCY DURSTEIN 65	26:52.84 MARGERY MEYER 72	4:03.97 MURIEL FLYNN 71	8:56.44 DOROTHY DONNELLY 73
400 YD. I.M. WOMEN 65-69	27:28.29 PETEY SMITH 70	4:09.79 JAE HOWELL 72	9:11.31 GLORIA MARIENTHAL 70
6:24.09 CLARA WALKER 93	28:37.88 LOIS NOCHMAN 70	4:18.96 PAULINE STANGLE 73	*****
6:30.95 JUNE KRAUSER 68	28:42.65 GRACE ALTUS 71	4:19.21 JANE DOUGHERTY 73	50 YD. FREE WOMEN 75-79
6:35.73 GAIL ROPER 65	30:43.43 RUTH MANFREDI 71	4:22.27 NAN BLACKLEDGE 70	36.17 LENORE WINGARD 87
6:36.12 CLARA WALKER 68	31:14.92 CLARA SOTAK 70	4:25.78 JUNE REYNOLDS 73	37.30 LOUISE DONOVAN 76
6:46.92 NANCY MACBETH 66	32:18.66 BUNNY CEDERLUND 73	50 YD. FLY WOMEN 70-74	39.18 SUE MARVEL 75
7:08.96 BETTY RUSS 68	33:17.80 MARJORIE NEWMAN 71	40.34 JEANNETTE EPPLEY 90	42.11 RITA EVANS 75
7:10.19 FLORENCE CARR 69	37:16.23 MARION CHADWICK 73	39.95 LOIS NOCHMAN 70NV	42.14 MARJORIE SHARPE 78
7:11.72 JEAN TROY 67	44:48.17 JUDY MELCHER 74	45.68 JEANNE MERRYMAN 71	44.74 ANNE WALKER 78
7:14.70 SYLVIA EISELE 65	50 YD. BACK WOMEN 70-74	47.65 BETTY KERCHEVAL 70	44.86 GERTRUD ZINT 77
7:32.87 NANCY DURSTEIN 65	38.00 DORIS STEADMAN 95	48.50 BETTY DUNN 70	46.13 JUANITA WILLARD 75
7:36.21 BARBARA OWENS 65	38.00 DORIS STEADMAN 70	48.57 DIANA SILVA 73	47.29 KAY SCHIMPF 77
*****	41.49 MARGERY MEYER 72	48.78 PETEY SMITH 70	47.57 MERLYN EWBANK 75
50 YD. FREE WOMEN 70-74	41.89 BUNNY CEDERLUND 73	51.35 RUTH MANFREDI 71	48.16 ZADA TAFT 75
33.44 DOROTHY DONNELLY 94	43.41 MINNA HAMNER 72	51.64 GRACE ALTUS 71	100 YD. FREE WOMEN 75-79
34.34 PETEY SMITH 70	44.14 JEANNE MERRYMAN 72	52.54 SYLVIA HILL 73	1:21.57 LENORE WINGARD 86
35.79 MARGERY MEYER 72	44.16 DOROTHY LA CHASSE 71	53.30 MARY WIXTED 72	1:31.19 RITA SIMONTON 76
35.85 JEANNE MERRYMAN 72	44.26 REGAN KENNER 71	100 YD. FLY WOMEN 70-74	1:31.46 LOUISE DONOVAN 76
37.02 DOROTHY DONNELLY 73	45.79 BETTY CHRISTIAN 73	1:39.75 JEANNETTE EPPLEY 90	1:31.48 SUE MARVEL 75
38.61 BUNNY CEDERLUND 73	45.80 M.J. AMSBARY 70	1:39.32 LOIS NOCHMAN 70NV	1:33.00 MARJORIE SHARPE 77
38.89 LOIS NOCHMAN 70	46.30 MARGE BOWDEN 71	1:51.19 BETTY DUNN 70	1:37.37 RITA EVANS 75
38.93 MARGE BOWDEN 71	100 YD. BACK WOMEN 70-74	1:54.20 RUTH MANFREDI 70	1:41.59 NATE O'CONNELL 78
40.66 GRACE ALTUS 71	1:24.70 DORIS STEADMAN 95	1:54.45 DIANA SILVA 73	1:43.39 GERTRUD ZINT 77
40.78 MURIEL FLYNN 72	1:24.70 DORIS STEADMAN 70	2:00.10 JAE HOWELL 71	1:46.70 MARY JANE REEVES 77
40.81 BARBARA BOLEY 70	1:33.03 REGAN KENNER 71	2:03.40 JUNE REYNOLDS 73	1:47.04 ANNE WALKER 79
100 YD. FREE WOMEN 70-74	1:35.22 BUNNY CEDERLUND 73	2:05.93 MARY WIXTED 72	1:47.13 KAY SCHIMPF 77
1:15.98 DOROTHY DONNELLY 92	1:37.34 JEANNE MERRYMAN 72	2:11.88 JEAN ZULICH 74	200 YD. FREE WOMEN 75-79
1:18.30 PETEY SMITH 70	1:41.84 M.J. AMSBARY 70	2:12.00 IRENE SANDAHL 73	3:05.04 LENORE WINGARD 87
1:19.66 MARGERY MEYER 72	1:42.76 BETTY CHRISTIAN 73	2:12.17 JANE DOUGHERTY 73	3:17.36 RITA SIMONTON 76
1:24.45 JEANNE MERRYMAN 72	1:43.93 PETEY SMITH 70	200 YD. FLY WOMEN 70-74	3:21.08 SUE MARVEL 75
1:25.00 DOROTHY DONNELLY 73	1:45.94 DIANA SILVA 72	3:41.61 LOIS NOCHMAN 95	3:27.16 MARJORIE SHARPE 78
1:27.84 DOROTHY LA CHASSE 71	1:45.95 NANCY PHILLIPS 73	3:41.61 LOIS NOCHMAN 70	3:50.14 KAY SCHIMPF 77
1:28.53 LOIS NOCHMAN 70	1:47.51 MARGE BOWDEN 71	4:06.49 RUTH MANFREDI 71	3:50.86 JEAN DURSTON 79
1:30.08 GRACE ALTUS 71	200 YD. BACK WOMEN 70-74	4:16.53 DIANA SILVA 72	3:51.01 MARY JANE REEVES 78
1:30.55 BUNNY CEDERLUND 73	3:10.78 DORIS STEADMAN 95	4:23.28 JAE HOWELL 72	3:51.51 MERLYN EWBANK 75
1:31.28 BARBARA BOLEY 70	3:10.78 DORIS STEADMAN 70	4:26.02 BETTY DUNN 70	3:52.25 ANNE WALKER 79
1:31.31 MURIEL FLYNN 72	3:19.73 REGAN KENNER 70	4:26.03 JUNE REYNOLDS 73	3:58.70 FRAN ZEUMER 75
200 YD. FREE WOMEN 70-74	3:30.83 DOROTHY LA CHASSE 71	4:46.14 MARY WIXTED 72	4:04.13 ZADA TAFT 75
2:51.42 MARGERY MEYER 93	3:37.94 BUNNY CEDERLUND 73	4:56.63 GLORIA MARIENTHAL 70	500 YD. FREE WOMEN 75-79
2:52.11 PETEY SMITH 70	3:38.51 PETEY SMITH 70	4:58.74 WINNIE WALTER 73	8:22.65 RITA SIMONTON 93
2:54.27 MARGERY MEYER 72	3:41.19 LOIS NOCHMAN 70	5:49.13 MARJORIE NEWMAN 71	8:43.89 RITA SIMONTON 76
3:16.86 LOIS NOCHMAN 70	3:43.76 DIANA SILVA 72	100 YD. I.M. WOMEN 70-74	9:06.38 LOUISE DONOVAN 76
3:17.38 GRACE ALTUS 71	3:44.12 JEANNE MERRYMAN 72	1:33.02 BETTY CHRISTIAN 93	9:12.00 SUE MARVEL 75
3:17.41 RUTH MANFREDI 71	3:45.28 MARGE BOWDEN 71	1:37.16 LOIS NOCHMAN 70	9:13.53 MARJORIE SHARPE 78
3:18.20 DOROTHY DONNELLY 73	3:48.74 NANCY PHILLIPS 73	1:39.58 BETTY CHRISTIAN 73	10:07.95 KAY SCHIMPF 77

TOP TEN

SHORT COURSE YARDS

10:16.20	JEAN DURSTON	79	2:04.64	KAY SCHIMPF	77	9:00.21	GERTRUD ZINT	77	1:08.15	MADELEINE MILLER	84
10:16.75	MERLYN EWBANK	75	2:06.98	EDITH GLUSAC	76	9:01.22	KAY SCHIMPF	77	1:08.85	GENEVA KAHRS	82
10:21.15	MARY JANE REEVES	77	2:12.51	SALLY JOY	77	10:35.95	MARY WENTWORTH	79	1:09.91	WIN KENNEDY	81
10:23.05	GERTRUD ZINT	77	2:26.61	PAT MATTHIESEN	78	10:43.25	ZADA TAFT	75	1:10.60	LOIS ELLERT	80
10:39.05	IVY BROWNE	79	2:32.20	MARY WENTWORTH	79	10:56.25	ROSEMARY KARIKER	75	100 YD. BACK WOMEN 80-84		
	1000 YD. FREE WOMEN 75-79		2:34.34	MARY JANE REEVES	78	12:39.18	HELENA HOFFMAN	79	1:51.33	MARIE WICKLUN	94
17:30.22	RITA SIMONTON	94	2:35.07	HELEN ROUMASSET	79	14:08.90	ROSE STEWARD	77	2:02.70	MARIE WICKLUN	81
17:55.74	RITA SIMONTON	76		200 YD. BRST WOMEN 75-79		*****					
19:37.25	SUE MARVEL	75	4:04.18	RITA SIMONTON	94	50 YD. FREE WOMEN 80-84			2:09.76	IVY BROWNE	80
20:49.21	MARY JANE REEVES	77	4:10.48	GERTRUD ZINT	77	43.38	MARIE WICKLUN	94	2:18.10	MARIE HEIKKINEN	83
23:38.31	PAT MATTHIESEN	78	4:12.11	RITA SIMONTON	76	47.92	JEAN DURSTON	80	2:24.09	BUZ CATLIN	80
25:56.30	MARIE KREIPE	75	4:31.92	AGOTA FROHS	75	48.57	JEAN CHENAUX	81	2:25.44	MADELEINE MILLER	84
34:37.42	JENNIE TAYLOR	77	4:45.84	EDITH GLUSAC	76	48.79	MARIE WICKLUN	81	2:33.00	EDITH HENDRY	84
38:20.00	MARIJANE TORJESEN	77	5:07.33	MARY JANE REEVES	77	51.02	IVY BROWNE	80	2:35.47	WIN KENNEDY	81
	1650 YD. FREE WOMEN 75-79		5:25.60	MARY WENTWORTH	79	53.15	MARIE KELLEHER	82	2:43.35	GENEVA KAHRS	82
29:40.16	RITA SIMONTON	95	5:28.13	PAT MATTHIESEN	78	56.39	MADELEINE MILLER	84	2:49.86	HEDY PULLMAN	83
29:40.16	RITA SIMONTON	76	5:28.72	HELEN ROUMASSET	79	58.02	WIN KENNEDY	81	200 YD. BACK WOMEN 80-84		
31:25.26	MARJORIE SHARPE	78	5:33.56	SALLY JOY	78	1:01.54	ELLEN TAIT	84	3:51.12	MARIE WICKLUN	94
32:09.03	SUE MARVEL	75	6:25.51	RUTH WUNDERLICH	76	1:03.78	PEARL SOBEL	83	4:09.38	MARIE WICKLUN	81
33:51.15	KAY SCHIMPF	77		50 YD. FLY WOMEN 75-79		1:04.16	SALLY RYCKMAN	83	4:28.47	JEAN DURSTON	80
37:16.67	HELEN ROUMASSET	79	47.97	GERTRUD ZINT	93	100 YD. FREE WOMEN 80-84			4:40.01	IVY BROWNE	80
37:23.27	PAT MATTHIESEN	78	51.92	GERTRUD ZINT	77	1:39.96	JULIA DOLCE	90	4:52.50	LOIS ELLERT	80
47:48.10	ROSE STEWARD	77	56.84	ZADA TAFT	75	1:45.87	JEAN DURSTON	80	5:15.79	EVA MULLER	82
	50 YD. BACK WOMEN 75-79		57.27	KAY SCHIMPF	77	1:48.04	MARIE WICKLUN	81	5:19.46	MADELEINE MILLER	84
46.51	MARIE WICKLUN	89	58.39	SALLY JOY	77	1:54.76	JEAN CHENAUX	81	5:20.26	WIN KENNEDY	81
50.14	ANNE WALKER	78	59.40	JEAN DURSTON	79	1:57.28	IVY BROWNE	80	5:43.68	GENEVA KAHRS	82
51.63	SUE MARVEL	75	1:02.42	ROSEMARY KARIKER	75	1:58.27	MARIE KELLEHER	82	6:01.94	HILDA BUEL	81
51.64	RITA EVANS	75	1:03.16	MERLYN EWBANK	75	2:12.59	LOIS ELLERT	80	6:06.43	LEE HOLM	80
52.67	GERTRUD ZINT	77	1:04.28	FRAN ZEUMER	75	2:17.69	MADELEINE MILLER	84	50 YD. BRST WOMEN 80-84		
54.40	JUANITA WILLARD	75	1:08.26	ANNE WALKER	78	2:17.77	HELEN OFFENHAUSER	82	59.02	HELM MEISE	93
54.62	EDITH GLUSAC	76	1:08.45	EDITH GLUSAC	76	2:18.97	AGNES ROMAYKO	81	1:06.41	JEAN DURSTON	80
55.30	Y FRISCHHERTZ	77		100 YD. FLY WOMEN 75-79		2:21.10	WIN KENNEDY	81	1:07.37	MADELEINE MILLER	84
55.61	ZADA TAFT	75	1:59.42	KAY SCHIMPF	93	200 YD. FREE WOMEN 80-84			1:07.66	HILDA BUEL	81
57.61	MAXINE CARLSON	75	2:05.21	KAY SCHIMPF	77	3:50.01	JEAN DURSTON	95	1:10.24	BUZ CATLIN	80
59.21	MARY LATHRAM	79	2:12.92	GERTRUD ZINT	77	3:50.01	JEAN DURSTON	80	1:11.67	JEAN CHENAUX	81
	100 YD. BACK WOMEN 75-79		2:15.76	JEAN DURSTON	79	4:05.20	JEAN CHENAUX	81	1:13.41	MARIE HEIKKINEN	83
1:42.30	ANNE WALKER	92	2:18.07	ZADA TAFT	75	4:09.64	IVY BROWNE	80	1:37.22	SALLY RYCKMAN	82
1:50.17	ANNE WALKER	78	2:34.06	ROSEMARY KARIKER	75	4:40.97	LOIS ELLERT	80	1:39.71	MARGOT LENIGK	83
1:50.99	RITA EVANS	75	2:34.75	MARY WENTWORTH	79	4:49.68	AGNES ROMAYKO	80	100 YD. BRST WOMEN 80-84		
1:51.48	SUE MARVEL	75	2:42.18	HELEN ROUMASSET	79	4:53.15	HELEN OFFENHAUSER	82	2:15.75	MAXINE MERLINO	94
1:58.40	GERTRUD ZINT	77	2:50.72	PAT MATTHIESEN	78	5:15.74	WIN KENNEDY	81	2:17.83	JEAN DURSTON	80
2:06.35	EDITH GLUSAC	76	3:26.09	HELENA HOFFMAN	79	5:22.96	ELLEN TAIT	84	2:36.61	MARIE HEIKKINEN	83
2:06.60	ZADA TAFT	75	4:08.61	VICTORIA HARRIS	75	5:34.08	LEE HOLM	80	2:37.09	JEAN CHENAUX	81
2:07.16	MAXINE CARLSON	75		200 YD. FLY WOMEN 75-79		5:40.60	SALLY RYCKMAN	82	2:40.64	BUZ CATLIN	80
2:07.54	MERLYN EWBANK	75	4:19.43	MAXINE MERLINO	88	500 YD. FREE WOMEN 80-84			2:56.54	MADELEINE MILLER	84
2:08.28	Y FRISCHHERTZ	77	4:52.11	KAY SCHIMPF	77	9:41.28	MARIA LENK	95	3:39.17	HEDY PULLMAN	83
2:09.18	JUANITA WILLARD	75	5:32.62	MARY WENTWORTH	79	9:41.28	MARIA LENK	80	3:42.20	MARGOT LENIGK	82
	200 YD. BACK WOMEN 75-79		5:34.55	PAT MATTHIESEN	78	9:47.64	JEAN DURSTON	80	200 YD. BRST WOMEN 80-84		
3:42.11	MARIE WICKLUN	91	5:36.62	ROSEMARY KARIKER	75	10:46.19	JEAN CHENAUX	81	4:44.08	MAXINE MERLINO	94
3:59.13	M.KIRKPATRICK	75	7:12.72	HELENA HOFFMAN	79	10:59.31	IVY BROWNE	80	4:46.84	JEAN DURSTON	80
4:03.57	SUE MARVEL	75		100 YD. I.M. WOMEN 75-79		12:13.70	LOIS ELLERT	80	6:15.24	ANNE WILDER	81
4:06.09	ANNE WALKER	78	1:43.76	GERTRUD ZINT	93	13:02.19	AGNES ROMAYKO	80	6:29.87	MADELEINE MILLER	84
4:17.46	KAY SCHIMPF	77	1:52.04	LOUISE DONOVAN	76	14:00.93	MADELEINE MILLER	84	7:50.99	HEDY PULLMAN	83
4:21.25	ZADA TAFT	75	1:54.22	GERTRUD ZINT	77	14:11.77	ELLEN TAIT	84	50 YD. FLY WOMEN 80-84		
4:23.78	MERLYN EWBANK	75	1:57.16	KAY SCHIMPF	77	14:12.92	LEE HOLM	80	56.60	MARIA LENK	95
4:27.15	MAXINE CARLSON	75	2:02.52	AGOTA FROHS	75	14:46.41	EDITH HENDRY	84	56.60	MARIA LENK	80
4:29.28	MARY LATHRAM	79	2:06.23	SALLY JOY	78	1000 YD. FREE WOMEN 80-84			59.14	JEAN DURSTON	80
4:33.01	Y FRISCHHERTZ	77	2:10.44	JEAN DURSTON	79	19:57.88	JEAN DURSTON	95	1:12.01	ANNE WILDER	81
4:33.47	EDITH GLUSAC	76	2:10.54	FRAN ZEUMER	75	19:57.88	JEAN DURSTON	80	1:17.89	MARIE KELLEHER	82
	50 YD. BRST WOMEN 75-79		2:11.11	ZADA TAFT	75	22:57.50	IVY BROWNE	80	1:22.68	WIN KENNEDY	81
48.53	GERTRUD ZINT	93	2:14.40	MARY JANE REEVES	78	26:59.34	AGNES ROMAYKO	81	1:24.45	EVA MULLER	82
50.52	GERTRUD ZINT	77	2:15.55	EDITH GLUSAC	76	28:51.74	LEE HOLM	80	1:27.53	PEARL SOBEL	83
55.12	SALLY JOY	77		200 YD. I.M. WOMEN 75-79		29:04.54	MADELEINE MILLER	84	1:30.13	MADELEINE MILLER	84
55.55	KAY SCHIMPF	77	3:52.62	GERTRUD ZINT	94	43:42.99	ELIZABETH JOHN	84	1:33.50	BUZ CATLIN	80
56.30	EDITH GLUSAC	76	4:13.47	KAY SCHIMPF	77	1650 YD. FREE WOMEN 80-84			100 YD. FLY WOMEN 80-84		
57.08	AGOTA FROHS	75	4:13.49	GERTRUD ZINT	77	32:34.52	MARIA LENK	95	2:11.60	JEAN DURSTON	95
1:02.68	FRAN ZEUMER	75	4:29.04	MERLYN EWBANK	75	32:34.52	MARIA LENK	80	2:11.60	JEAN DURSTON	80
1:03.36	PAT MATTHIESEN	78	4:33.80	AGOTA FROHS	75	32:53.31	JEAN DURSTON	80	2:47.51	ANNE WILDER	81
1:05.43	NATE O'CONNELL	78	4:43.97	MARY JANE REEVES	77	50 YD. BACK WOMEN 80-84			3:19.17	EVA MULLER	82
1:08.51	HELEN ROUMASSET	79	4:48.19	ZADA TAFT	75	50.64	MARIE WICKLUN	94	3:21.04	WIN KENNEDY	81
1:11.77	MARIE KREIPE	75	5:03.87	HELEN ROUMASSET	79	55.40	MARIE WICKLUN	81	3:49.59	BUZ CATLIN	80
	100 YD. BRST WOMEN 75-79		5:04.06	PAT MATTHIESEN	78	57.60	IVY BROWNE	80	200 YD. FLY WOMEN 80-84		
1:49.55	GERTRUD ZINT	93	5:09.67	EDITH GLUSAC	76	59.92	JEAN DURSTON	80	4:40.17	JEAN DURSTON	95
1:57.44	GERTRUD ZINT	77	5:13.79	MARY WENTWORTH	79	1:04.01	EDITH HENDRY	84	4:40.17	JEAN DURSTON	80
1:59.35	RITA SIMONTON	76		400 YD. I.M. WOMEN 75-79		1:05.45	EVA MULLER	82	6:21.81	ANNE WILDER	81
2:04.53	AGOTA FROHS	75	8:10.40	MAXINE MERLINO	88	1:07.55	MARIE HEIKKINEN	83	100 YD. I.M. WOMEN 80-84		

TOP TEN SHORT COURSE YARDS

1:53.57 MARIA LENK 95	3:01.71 ELLA PECKHAM 84	47.20 AARON BARTLESON 24	54.87 ERIK MAURER 24
1:53.57 MARIA LENK 80	NO SWIMMERS	47.83 BRAD WINSOR 23	55.18 JAMES SMITH 24
2:02.06 JEAN DURSTON 80	200 YD. FLY WOMEN 85-89	48.18 MICHAEL COOLEY 24	55.20 JERRY BENSON 24
2:32.47 EVA MULLER 82	6:39.85 KATHERINE PELTON 91	48.25 CHRIS MORGAN 23	56.34 JON PAVOLE 24
2:38.78 BUZ CATLIN 80	NO SWIMMERS	48.29 G.DIAZ DE LEON 19	57.04 NENAD RODIC 24
2:41.93 HILDA BUEL 81	100 YD. I.M. WOMEN 85-89	48.49 STEPHEN JOHNSON 24	57.23 ANDREW FARRELL 24
2:42.45 WIN KENNEDY 81	2:41.31 ELLA PECKHAM 84	48.50 ERIC TARBELL 23	200 YD. BACK M E N 19-24
2:43.92 PEARL SOBEL 83	4:06.26 SALLY SCOTT 87	48.61 BRIAN MURRAY 24	1:50.28 JOHN KEPPELER 92
2:45.78 MARIE HEIKKINEN 83	200 YD. I.M. WOMEN 85-89	48.85 SCOTT WHELAN 24	1:52.24 JEFF THIBAUT 24
2:49.92 MADELEINE MILLER 84	5:57.63 ELLA PECKHAM 85	48.85 NICK MINA 22	1:59.82 JERRY BENSON 24
4:01.72 MARGOT LENIGK 83	5:38.74 JEWELL COOKE 86NV	200 YD. FREE M E N 19-24	2:00.50 EDUARDO ESTEFANO 21
200 YD. I.M. WOMEN 80-84	8:36.94 SALLY SCOTT 87	1:41.45 JOHN KEPPELER 92	2:01.64 BRETT WALTERS 23
4:14.08 MARIA LENK 95	400 YD. I.M. WOMEN 85-89	1:43.00 E.NASCIMENTO 24	2:03.52 MARK KACKER 21
4:14.08 MARIA LENK 80	17:13.92 MARTHA KELLER 86	1:45.26 BRAD WINSOR 23	2:06.98 J TODD RADEL 22
4:19.60 JEAN DURSTON 80	12:00.50 JEWELL COOKE 86NV	1:46.07 ERIK MAURER 24	2:07.27 BRAD WINSOR 23
5:28.41 MARIE KELLEHER 82	17:37.07 SALLY SCOTT 87	1:46.08 JAMIE PATRICK 24	2:10.42 MATTHEW GRAHN 22
5:36.08 HILDA BUEL 81	*****	1:46.34 BRIAN MURRAY 24	2:11.23 CRAIG HILL 23
5:53.94 ANNE WILDER 81	50 YD. FREE WOMEN 90-94	1:47.20 G.DIAZ DE LEON 19	2:12.40 DEVIN MCGONIGAL 19
6:06.01 WIN KENNEDY 81	1:27.65 LUELLA TYRA 83	1:47.76 NICK MINA 22	50 YD. BRST M E N 19-24
400 YD. I.M. WOMEN 80-84	2:12.37 MAMIE BROWN 90	1:48.16 THOMAS ERDOS 24	26.68 CLAY KENNEDY 94
8:59.27 JEAN DURSTON 95	100 YD. FREE WOMEN 90-94	1:48.39 STEPHEN JOHNSON 24	26.82 TODD RADEL 22
8:59.27 JEAN DURSTON 80	3:12.36 ANNA BAUSCHER 93	1:48.70 RODRIGO MESSIAS 23	27.17 DMITRI MALINOVSKI 20
12:25.71 ANNE WILDER 81	NO SWIMMERS	500 YD. FREE M E N 19-24	27.19 JAMIE PATRICK 24
*****	200 YD. FREE WOMEN 90-94	4:38.46 RICHARD DREWELOW 92	27.24 TYLER MAYFIELD 22
50 YD. FREE WOMEN 85-89	6:26.10 ANNA BAUSCHER 93	4:47.96 BRAD WINSOR 23	27.31 ERIC TARBELL 23
45.72 JULIA DOLCE 95	NO SWIMMERS	4:54.05 TODD RADEL 22	27.34 JOHN HEATH 24
45.72 JULIA DOLCE 85	500 YD. FREE WOMEN 90-94	4:55.06 JAMES RUGGIERO 22	27.76 MARCELO MENEZES 24
1:03.06 RITA SHEPHARD 86	15:48.03 ANNA BAUSCHER 92	4:59.35 MATTHEW GRAHN 22	28.00 KEITH JONES 24
2:14.16 GRACE HIDDLESON 86	NO SWIMMERS	5:00.44 SCOTT SHEA 24	28.46 CHRIS MORGAN 23
100 YD. FREE WOMEN 85-89	1000 YD. FREE WOMEN 90-94	5:00.79 THOMAS ERDOS 24	28.51 TODD DOHERTY 24
1:45.80 JULIA DOLCE 95	32:53.76 ANNA BAUSCHER 93	5:01.80 MARK FAHLEN 23	100 YD. BRST M E N 19-24
1:45.80 JULIA DOLCE 85	NO SWIMMERS	5:02.42 NICK MINA 22	57.85 TODD RADEL 95
2:19.13 RITA SHEPHARD 86	50 YD. BACK WOMEN 90-94	5:06.94 TODD STRUCKMAN 24	57.85 TODD RADEL 22
2:52.34 SALLY SCOTT 87	1:29.25 ANNA BAUSCHER 93	5:09.68 PAUL KAWAI 23	58.36 AARON BARTLESON 24
200 YD. FREE WOMEN 85-89	2:08.24 MAMIE BROWN 90	1000 YD. FREE M E N 19-24	59.53 JAMIE PATRICK 24
4:08.61 JULIA DOLCE 95	100 YD. BACK WOMEN 90-94	9:49.98 MARK CLEAVENGER 87	1:00.01 ERIC TARBELL 23
4:08.61 JULIA DOLCE 85	3:02.44 ANNA BAUSCHER 93	10:28.76 TODD RADELL 22	1:00.43 DMITRI MALINOVSKI 20
5:26.42 RITA SHEPHARD 86	3:29.20 MARIAN MC KECHNIE 90	10:36.16 SCOTT SHEA 24	1:01.14 TODD DOHERTY 24
6:10.12 SALLY SCOTT 87	200 YD. BACK WOMEN 90-94	10:38.91 ANDREW LACAYA 24	1:01.59 JAY SMAYDA 19
500 YD. FREE WOMEN 85-89	6:22.49 ANNA BAUSCHER 93	10:50.17 SAM CHESNUT 24	1:01.82 JACK THOMAS 23
11:24.79 JULIA DOLCE 95	NO SWIMMERS	10:52.55 MARCO CAMPAGNA 23	1:03.46 TIM DOUGHER 22
11:24.79 JULIA DOLCE 85	50 YD. BRST WOMEN 90-94	10:57.75 TROY REYNOLDS 23	1:03.49 DARREN GORMAN 23
17:46.13 SALLY SCOTT 87	2:26.52 LUELLA TYRA 84	11:26.87 JASON KENNEDY 24	200 YD. BRST M E N 19-24
1000 YD. FREE WOMEN 85-89	NO SWIMMERS	11:30.23 JAMES RANDALL 23	2:06.39 TODD RADEL 95
24:04.52 JULIA DOLCE 95	100 YD. BRST WOMEN 90-94	12:16.91 JOSE MAHER 23	2:06.39 TODD RADEL 22
24:04.52 JULIA DOLCE 85	5:30.32 LUELLA TYRA 83	12:27.49 ROBERT FEDERAL 24	2:13.11 DMITRI MALINOVSKI 20
1650 YD. FREE WOMEN 85-89	NO SWIMMERS	1650 YD. FREE M E N 19-24	2:13.40 MARCELO MENEZES 24
50:54.73 ELLA PECKHAM 85	200 YD. BRST WOMEN 90-94	16:46.74 MICHAEL COLLINS 89	2:16.77 JACK THOMAS 23
NO SWIMMERS	11:48.36 LUELLA TYRA 83	16:49.95 BRAD WINSOR 23	2:21.38 TODD DOHERTY 24
50 YD. BACK WOMEN 85-89	NO SWIMMERS	17:11.52 ERIK MAURER 24	2:21.68 TODD KISTLER 23
49.59 AILEEN SOULE 91	50 YD. FLY WOMEN 90-94	17:26.63 MATTHEW GRAHN 22	2:22.49 GARY ARMSTRONG 24
1:03.47 JULIA DOLCE 85	3:47.79 ANNA BAUSCHER 93	17:56.10 J TODD RADEL 22	2:24.31 SCOTT DUNAWAY 19
1:19.19 SALLY SCOTT 87	NO SWIMMERS	18:03.34 MARCO CAMPAGNA 23	2:24.74 MIKE LEYMASTER 22
1:22.55 RITA SHEPHARD 86	100 YD. I.M. WOMEN 90-94	18:33.75 DAVID JOHNSON 24	2:25.47 DARREN GORMAN 23
2:02.92 GRACE HIDDLESON 86	5:05.96 ANNA BAUSCHER 93	19:15.44 JAMES RANDALL 23	50 YD. FLY M E N 19-24
100 YD. BACK WOMEN 85-89	NO SWIMMERS	19:37.33 CHAD SHEPARD 23	22.64 ED RIDDLE 95
1:55.84 AILEEN SOULE 91	200 YD. I.M. WOMEN 90-94	19:44.37 SHANE SETTLE 21	22.64 ED RIDDLE 24
2:42.47 RITA SHEPHARD 86	10:43.74 ANNA BAUSCHER 93	19:47.08 CLIFFORD SHAW 24	23.19 JEFF THIBAUT 24
2:49.80 SALLY SCOTT 87	10:49.22 ANNA BAUSCHER 92	50 YD. BACK M E N 19-24	23.34 STEVEN FARNAU 24
200 YD. BACK WOMEN 85-89	*****	23.44 JEFF THIBAUT 95	23.35 CHARLES PERKINS 23
4:09.33 AILEEN SOULE 91	50 YD. FREE M E N 19-24	23.44 JEFF THIBAUT 24	23.42 E.NASCIMENTO 24
6:01.14 SALLY SCOTT 87	20.25 ERIC MAUER 94	24.15 CHARLES PERKINS 23	23.60 CHRIS MORGAN 23
50 YD. BRST WOMEN 85-89	20.98 ED RIDDLE 24	24.20 AARON BARTLESON 24	23.61 JON PAVOLE 24
1:17.90 MARJ POLLOCK 92	21.28 KEITH JONES 24	25.13 BRETT WALTERS 23	23.61 AARON BARTLESON 24
1:52.32 SALLY SCOTT 87	21.37 JOHN HEATH 24	25.16 KEITH JEFFREY 23	23.63 ERIK MAURER 24
2:04.89 GRACE HIDDLESON 86	21.42 AARON BARTLESON 24	25.63 JERRY BENSON 24	23.67 TOMOYA TSUBAI 19
100 YD. BRST WOMEN 85-89	21.48 ART SANCHEZ 23	26.30 ANDREW FARRELL 24	100 YD. FLY M E N 19-24
2:47.87 KATHERINE PELTON 91	21.50 E.NASCIMENTO 24	26.36 CHRIS BRANCATO 24	50.31 ED RIDDLE 95
4:02.66 SALLY SCOTT 87	21.67 SHANNON TUCKER 23	26.42 C.BENEDICK 23	50.31 ED RIDDLE 24
200 YD. BRST WOMEN 85-89	21.72 SCOTT SHEPHARD 22	26.47 TROY REYNOLDS 23	52.26 E.NASCIMENTO 24
6:12.44 KATHERINE PELTON 91	21.82 CHRIS MORGAN 23	100 YD. BACK M E N 19-24	52.60 CHRIS MORGAN 23
8:21.15 SALLY SCOTT 87	21.91 BILL SHIPLEY 20	50.58 JEFF THIBAUT 95	52.69 ERIK MAURER 24
50 YD. FLY WOMEN 85-89	21.91 MICHAEL COOLEY 24	50.58 JEFF THIBAUT 24	53.59 BRAD WINSOR 23
1:16.00 ELLA PECKHAM 85	100 YD. FREE M E N 19-24	51.17 CHARLES PERKINS 23	53.80 EDUARDO ESTEFANO 21
2:48.54 SALLY SCOTT 87	45.11 ERIC MAUER 94	52.21 AARON BARTLESON 24	54.05 KELLY HACKETT 24
100 YD. FLY WOMEN 85-89	47.14 E.NASCIMENTO 24	53.77 KEITH JEFFREY 23	54.33 DAVID BENNETT 24

TOP TEN SHORT COURSE YARDS

54.53 JUSTIN SIEGEL	23	1:38.64 JOHN KEPPELER	95	1:57.76 ANDREW PULSIFER	29	2:01.23 CLARK CAMPPELL	29
55.12 STEVEN FARNAU	24	1:38.64 JOHN KEPPELER	27	1:57.81 BILL WINTERS	28	2:01.23 ABRAHAM SOLANO	25
200 YD. FLY M E N 19-24		1:39.98 BRIAN JONES	29	1:58.32 MIKE SHAFFER	29	2:01.87 STEVE REED	26
1:51.04 STEVEN REED	93	1:41.67 JEFF POPPELL	25	1:58.52 GREG HRIBAR	26	100 YD. I.M. M E N 25-29	
1:53.39 ED RIDDLE	24	1:43.60 STEPHEN JOHNSON	25	1:58.80 JEFF UTSCHE	27	50.47 MOOK RHODENBAUGH	91
1:56.81 MATTHEW MANDELL	22	1:43.74 MIKE SHAFFER	29	1:59.34 LANCE BEZEK	25	52.51 NEILL WILLIAMS	27
1:59.47 JAMES RUGGIERO	22	1:43.77 CHIP HOBSON	27	1:59.60 MARK WHITESIDE	29	53.66 JODY BRADEN	26
2:01.00 EDUARDO ESTEFANO	21	1:43.80 WINSTON RITCHEY	27	50 YD. BRST M E N 25-29		53.77 TROY DALBEY	26
2:02.01 JAY TOTH	23	1:44.58 BJORN ZIKARSKY	27	25.34 GREG RHODENBAUGH	91	54.29 ADAM WERTH	25
2:05.97 MARK ACKERMAN	23	1:44.68 JEFFREY RODGERS	28	27.34 ELLIS EATON	25	54.54 RICHARD SWOBODA	29
2:06.04 J TODD RADEL	22	1:45.09 ADAM WERTH	25	27.44 JODY BRADEN	26	54.61 ELLIS EATON	25
2:06.94 SCOTT SHEA	24	500 YD. FREE M E N 25-29		27.58 ADAM WERTH	25	54.69 JOHN KRAMER	28
2:07.38 ANDREW LACAYA	24	4:30.25 CHIP HOBSON	94	27.72 EVAN DAVIS	27	54.80 THAD SCHULTZ	25
2:09.30 C.MORGAN	23	4:38.24 CHIP HOBSON	27	27.82 NEILL WILLIAMS	27	55.01 WINSTON RITCHEY	27
100 YD. I.M. M E N 19-24		4:38.70 DAVID TYLER	26	27.91 BRIAN SCOTTOLINE	29	55.03 BILL WINTERS	28
52.01 ADAM WERTH	92	4:39.30 JEFF POPPELL	25	28.19 STEWART WEAVER	25	200 YD. I.M. M E N 25-29	
52.36 AARON BARTLESON	24	4:42.47 MIKE SHAFFER	29	28.43 GREGG WILDER	25	1:52.02 JAN BIDRMAN	95
52.64 ED RIDDLE	24	4:44.70 JEFF UTSCHE	27	28.46 JIMMY PARMENTER	29	1:52.02 JAN BIDRMAN	28
53.05 JEFF THIBAUT	24	4:47.74 JAN BIDRMAN	28	28.50 THOMAS NORTHCUTT	29	1:55.99 JEFF POPPELL	25
53.41 TYLER MAYFIELD	22	4:48.41 RANDALL EICKHOFF	29	100 YD. BRST M E N 25-29		1:57.46 NEILL WILLIAMS	27
53.94 CHARLES PERKINS	23	4:49.05 KEVIN CASSON	28	56.21 DAVID LUNDBERG	90	1:58.07 JOHN KEPPELER	27
54.25 ERIK MAURER	24	4:50.83 BJORN ZIKARSKY	27	58.09 ELLIS EATON	25	1:58.07 BERT BERGEN	28
54.45 JAMIE PATRICK	24	4:53.09 ANDREW PULSIFER	29	58.20 NEILL WILLIAMS	27	1:58.23 JEFFREY RODDIN	26
54.72 ERIC TARBELL	23	1000 YD. FREE M E N 25-29		1:00.24 THAD SCHULTZ	25	1:58.50 ELLIS EATON	25
54.78 TODD DOHERTY	24	9:26.67 CHIP HOBSON	94	1:00.26 ABRAHAM SOLANO	25	1:58.55 DOUG WAGNER	28
54.96 JACK THOMAS	23	10:13.40 RENATO RAMALHO	27	1:00.40 EVAN DAVIS	27	1:58.71 JEROME FRENTSOS	29
200 YD. I.M. M E N 19-24		10:22.31 RANDALL EICKHOFF	29	1:00.86 THOMAS NORTHCUTT	29	1:59.23 JODY BRADEN	26
1:52.82 SIMON PERCY	94	10:25.55 ERIC HOCHSTEIN	26	1:01.25 MIKE DAVIDSON	26	400 YD. I.M. M E N 25-29	
1:57.24 TODD RADEL	22	10:26.24 MICHAEL COLLINS	29	1:01.82 KEVIN DUGAN	28	3:59.73 CAMERON REID	88
1:59.42 ERIC TARBELL	23	10:33.32 MATS NYGREN	28	1:02.11 JERRY SMITH	29	4:11.13 JOHN KEPPELER	27
1:59.91 JACK THOMAS	23	10:34.63 WINSTON RITCHEY	27	1:02.46 ERIC MCCLAREN	26	4:14.11 JAN BIDRMAN	28
1:59.93 ERIK MAURER	24	10:38.99 BRADLEY HECHT	25	200 YD. BRST M E N 25-29		4:14.75 RICHARD SWOBODA	29
2:00.27 JAMES RUGGIERO	22	10:40.29 JEFF KOLESSAR	27	2:03.69 DOUGLAS SOLTIS	88	4:15.71 ABRAHAM SOLANO	25
2:01.41 TIM DOUGHER	22	10:45.01 DENNIS TESCH	29	2:06.17 ELLIS EATON	25	4:15.78 BILL WINTERS	28
2:01.60 G.DIAZ DE LEON	19	10:45.41 STUART BARTON	27	2:10.35 ABRAHAM SOLANO	25	4:16.87 BERT BERGEN	28
2:01.86 TODD DOHERTY	24	1650 YD. FREE M E N 25-29		2:11.75 NEILL WILLIAMS	27	4:17.96 RANDALL EICKHOFF	29
2:03.60 BRAD WINSOR	23	15:46.91 BOBBY PATTEN	90	2:14.64 JOE BENJAMIN	29	4:20.87 MARK STORI	29
2:03.70 EDUARDO ESTEFANO	21	16:02.82 DANIEL VEATCH	29	2:15.04 THOMAS NORTHCUTT	29	4:21.27 ANDREW PULSIFER	29
400 YD. I.M. M E N 19-24		16:07.48 MIKE SHAFFER	29	2:15.72 DALE MERCKER	28	4:23.66 JOHN PEARSON	29
4:04.34 JOHN KEPPELER	92	16:16.92 JEFF POPPELL	25	2:15.83 STEPHEN KIRKLAND	29	*****	
4:13.29 TODD RADEL	22	16:33.86 RANDALL EICKHOFF	29	2:15.94 JERRY SMITH	29	50 YD. FREE M E N 30-34	
4:18.35 JAMES RUGGIERO	22	17:04.49 CHRIS MCGIFFIN	29	2:16.58 MIKE DAVIDSON	26	20.90 JOHN SMITH	92
4:28.32 SCOTT SHEA	24	17:16.75 MICHAEL COLLINS	29	2:17.55 GREGG WILDER	25	21.00 MARK NOETZEL	32
4:37.15 JAY TOTH	23	17:20.70 ERIC WILHELM	26	50 YD. FLY M E N 25-29		21.06 ANDERS RASMUSSEN	31
4:45.22 GREG ROYTHOR	23	17:26.20 ANDREW KELSEY	27	22.27 COY COBB	91	21.19 REED DUNNE	31
4:47.66 ERIC MYER	22	17:36.82 WINSTON RITCHEY	27	23.19 STEPHEN JOHNSON	25	21.36 CLAY BRITT	34
4:48.15 SPENCE CULPEPPER	24	17:57.95 JEFF KOLESSAR	27	23.25 TROY DALBEY	26	21.39 DOUG ROBERTSON	31
4:50.35 SCOTT HIEMKE	23	50 YD. BACK M E N 25-29		23.34 JOHN KRAMER	28	21.52 ROBERT KILLEEN	33
4:57.72 ALBERT VAN DICK	24	23.21 MICHAEL KANNER	95	23.34 SCOTT WALKER	26	21.74 GREG REMMERT	32
4:58.03 JIM LIQUORI	20	23.21 MICHAEL KANNER	26	23.47 BRIAN JONES	29	21.79 STEPHEN STAHL	30
*****		23.82 JOHN KEPPELER	27	23.53 ADAM WERTH	25	21.88 THOMAS REDIG	33
50 YD. FREE M E N 25-29		24.54 JOHN KRAMER	28	23.60 JEFFREY RODDIN	26	21.92 JOE REINHARDT	33
19.83 ROBERT PEEL	91	25.28 RICHARD SWOBODA	29	23.62 STEVE REED	26	100 YD. FREE M E N 30-34	
21.05 WINSTON RITCHEY	27	25.28 THAD SCHULTZ	25	23.62 WINSTON RITCHEY	27	45.29 JIM MONTGOMERY	85
21.26 TROY DALBEY	26	25.39 BILL WINTERS	28	23.64 JODY BRADEN	26	46.07 MARK NOETZEL	32
21.31 BJORN ZIKARSKI	27	25.55 THOMAS NORTHCUTT	29	100 YD. FLY M E N 25-29		46.40 ANDERS RASMUSSEN	31
21.46 ADAM WERTH	25	25.58 MIKE GONZALES	28	49.71 STUART KNOWLES	91	46.60 DOUG ROBERTSON	31
21.53 STEPHEN JOHNSON	25	25.60 CHRISTOPHER WOOD	27	51.04 BRIAN JONES	29	47.03 REED DUNNE	31
21.54 BERT BERGEN	28	25.68 GREG HRIBAR	26	51.33 MIKE SHAFFER	29	47.54 MICHAEL GREEN	31
21.72 BRIAN JONES	29	100 YD. BACK M E N 25-29		51.53 STEPHEN JOHNSON	25	47.69 STUART CROMARTY	30
21.83 JAMES LAWRENCE	29	49.83 ANDREW GILL	92	51.68 JEFFREY RODDIN	26	47.73 STEPHEN STAHL	30
21.83 DAN MENDENHALL	28	50.99 MICHAEL KANNER	26	51.91 JEFF POPPELL	25	47.73 GREG REMMERT	32
21.92 THAD SCHULTZ	25	51.03 JOHN KEPPELER	27	52.07 JOHN KRAMER	28	47.73 THOMAS REDIG	33
100 YD. FREE M E N 25-29		53.67 RICHARD SWOBODA	29	52.21 RICK STAKEL	25	47.88 ROBERT PATTEN	32
44.39 ROBERT PEEL	91	53.67 JOHN KRAMER	28	52.68 ADAM WERTH	25	200 YD. FREE M E N 30-34	
45.24 JOHN KEPPELER	27	53.69 JEFFREY RODDIN	26	52.98 DAN MENDENHALL	28	1:39.97 JIM MONTGOMERY	88
46.45 BJORN ZIKARSKY	27	53.80 THAD SCHULTZ	25	53.09 JAN BIDRMAN	28	1:42.25 BOBBY PATTEN	32
46.57 BRIAN JONES	29	53.87 BILL WINTERS	28	200 YD. FLY M E N 25-29		1:42.48 STEPHEN STAHL	30
46.80 WINSTON RITCHEY	27	54.12 JAN BIDRMAN	28	1:49.21 BOBBY PATTEN	90	1:44.90 CHRIS STEVENSON	30
47.06 ADAM WERTH	25	54.24 MIKE GONZALES	28	1:52.02 MIKE SHAFFER	29	1:45.32 JEFF STILLING	34
47.25 STEPHEN JOHNSON	25	54.46 GREG HRIBAR	26	1:52.39 JEFF POPPELL	25	1:45.41 GREG REMMERT	32
47.43 CHIP HOBSON	27	200 YD. BACK M E N 25-29		1:54.19 BRIAN JONES	29	1:45.49 STUART CROMARTY	30
47.65 JEFFREY RODGERS	28	1:48.47 JOHN KEPPELER	95	1:57.05 RANDALL EICKHOFF	29	1:45.50 THOMAS REDIG	33
47.83 ANDREW BILLINGS	26	1:48.47 JOHN KEPPELER	27	1:58.82 DOUG WAGNER	28	1:45.81 KURT WIENANTS	32
47.96 GREG HRIBAR	26	1:54.87 MICHAEL KANNER	26	1:59.19 RICK STAKEL	25	1:46.33 ANDERS RASMUSSEN	31
200 YD. FREE M E N 25-29		1:57.74 RICHARD SWOBODA	29	1:59.39 JEFFREY RODDIN	26	1:46.79 JEFF ERWIN	30

TOP TEN SHORT COURSE YARDS

500 YD. FREE M E N 30-34	26.00 DAVID GUTHRIE	34	54.37 DOUG ROBERTSON	31	4:58.27 RON FINLEY	36
4:39.38 STEVEN FISHER	27.06 BRIAN SCOTTOLINE	30	54.89 BOB TUCKER	30	4:58.46 BRUCE GREENWOOD	38
4:39.64 BOBBY PATTEN	27.42 JOHN MURPHY	31	55.06 REED DUNNE	31	4:58.64 GARY QUINN	37
4:42.54 STEVEN FISHER	27.43 ROBERT KILLEEN	33	55.17 RANDAL HYRE	31	1000 YD. FREE M E N 35-39	
4:43.29 CHRIS STEVENSON	27.55 BOB TUCKER	30	55.25 MICHAEL GREEN	31	9:54.82 MIKE KECK	95
4:44.28 JEFF STILLING	27.82 MICHAEL MCCOOL	32	200 YD. I.M. M E N 30-34		9:54.82 MIKE KECK	35
4:46.55 STEPHEN STAHL	27.84 DEWEY WYATT	31	1:50.45 DAVID LUNDBERG	91	9:55.13 CRAIG PETERSEN	35
4:47.59 GERRY RODRIGULES	27.91 RUSSELL KRETZ	33	1:54.71 DAVID LUNDBERG	34	10:01.38 JOE RHYNE	36
4:49.11 GREG HOLLES	100 YD. BRST M E N 30-34		1:55.80 NEIL HARPER	30	10:18.58 PETER HOLLETT	35
4:49.76 MATT CETLINSKI	56.58 DAVID LUNDBERG	91	1:56.35 BOBBY PATTEN	32	10:19.62 JEFFRY PEARSON	35
4:50.92 STUART CROMARTY	57.57 DAVID LUNDBERG	34	1:57.69 PATRICK DUGGAN	31	10:20.84 MATTHEW CLARK	38
4:54.20 BRUCE HAYES	58.08 DAVID GUTHRIE	34	1:58.78 MICHAEL GREEN	31	10:24.42 ANDREAS SEIBT	37
1000 YD. FREE M E N 30-34	58.56 DEAN PUTTERMAN	33	1:59.83 ANDERS RASMUSSEN	31	10:31.14 ROB COPELAND	38
9:34.15 JEFF ERWIN	59.67 JOHN MURPHY	31	2:01.81 JAY YARID	31	10:32.40 GARY QUINN	37
9:34.15 JEFF ERWIN	1:00.04 BRIAN SCOTTOLINE	30	2:02.46 JEFF STUART	34	10:34.51 NATHAN NEVID	37
9:40.56 DANIEL VEATCH	1:00.19 RUSSELL KRETZ	33	2:02.79 TOM RAWDING	30	1650 YD. FREE M E N 35-39	
9:50.15 JEFF STILLING	1:00.33 MATTHEW FRENTSOS	32	2:03.09 BRUCE HAYES	31	16:21.14 HESS YNTEMA	91
9:51.40 STEVEN FISHER	1:01.03 TERRY DIXON	30	400 YD. I.M. M E N 30-34		17:09.67 JAMES KEGLEY	37
9:58.34 GERRY RODRIGULES	1:01.42 JAMES WISE	30	4:00.04 TOM FRISTOE	91	17:15.13 MIKE KECK	35
10:01.22 CRAIG NADEL	1:01.71 BROOK DAVIS	30	4:09.24 PATRICK DUGGAN	31	17:18.80 SCOTT SHAKE	37
10:18.92 JOHN SHEWELL	1:01.71 MICHAEL MCCOOL	32	4:14.54 JEFFREY STUART	34	17:21.22 ROBERT PLACAK	35
10:19.67 GREG HOLLES	200 YD. BRST M E N 30-34		4:15.73 JEFF STILLING	34	17:31.25 DAVID SHEPHERD	39
10:22.58 JIM BARKMAN	2:02.32 DAVID LUNDBERG	91	4:21.88 STEVEN FISHER	32	17:33.36 DOUGLAS ASBURY	35
10:26.25 JONATHAN OLSEN	2:07.20 DAVID LUNDBERG	34	4:23.39 RANDY COX	31	17:34.63 ROB COPELAND	38
1650 YD. FREE M E N 30-34	2:08.71 DAVID GUTHRIE	34	4:26.36 WARREN WILD	32	17:35.36 BRUCE GREENWOOD	38
15:56.58 JEFF ERWIN	2:11.04 PATRICK DUGGAN	31	4:26.53 ETHAN RIVER	32	17:45.24 JEFFRY PEARSON	35
15:56.58 JEFF ERWIN	2:13.62 JOHN MURPHY	31	4:26.74 TOM RAWDING	30	17:47.13 MARK HAHN	38
15:58.99 BOBBY PATTEN	2:14.86 HERB MCCAFFREY	31	4:28.39 JOHN ANERALLA	32	50 YD. BACK M E N 35-39	
16:01.91 DANIEL VEATCH	2:16.77 MATTHEW FRENTSOS	32	4:30.24 GERRY RODRIGUES	32	24.16 WILLIAM SPECHT	93
16:28.29 GREG HOLLES	2:16.82 TOM RAWDING	30	*****		24.96 WILLIAM SPECHT	37
16:32.00 GERRY RODRIGULES	2:17.10 WARREN WILD	31	50 YD. FREE M E N 35-39		25.02 JAMES BALLARD	37
16:35.12 CRAIG NADEL	2:18.15 TIMOTHY MACDONALD	31	20.73 KEVIN DEFORREST	94	25.37 PETER DARDARIS	36
16:46.34 MICHAEL MOORE	2:18.62 DONALD MARTIN	30	21.49 BRUCE STAHL	36	25.84 WILL DOUGLASS	35
17:01.85 STEVEN FISHER	50 YD. FLY M E N 30-34		22.02 JAMES LILLEY	35	25.89 JOHN MONTESI	35
17:08.14 JIM BARKMAN	22.66 ROBERT PLACAK	89	22.08 PETER NUNAN	37	25.94 CHARLES GROEN	35
17:25.76 STEVEN WRIGHT	22.81 DOUG ROBERTSON	31	22.25 JOSE CUNNINGHAM	38	25.95 BOB BURESH	36
50 YD. BACK M E N 30-34	22.83 BOBBY PATTEN	32	22.28 KIRK KOZLOWSKI	36	26.14 MARK HEINRICH	37
23.39 CLAY BRITT	23.22 ANDERS RASMUSSEN	32	22.30 CARTER GRANT	35	26.18 CURT LA COUNT	36
23.95 CLAY BRITT	23.25 MARK NOETZEL	32	22.35 WILL DOUGLASS	35	26.27 SCOTT SHAKE	37
24.18 CHRIS STEVENSON	23.41 CLAY BRITT	34	22.40 MICHAEL KER	37	100 YD. BACK M E N 35-39	
24.41 JAY YARID	23.54 THOMAS REDIG	33	22.43 HANK OPPENBORN	37	51.96 WILLIAM SPECHT	93
24.49 ANDERS RASMUSSEN	23.84 ROBERT KILLEEN	33	22.48 ROBERT CROWDER	39	52.60 WILLIAM SPECHT	37
25.34 PATRICK DUGGAN	23.91 BRIAN SCOTTOLINE	30	22.48 ED TSUZUKI	36	53.73 JAMES BALLARD	37
25.48 JOE REINHARDT	23.94 RANDAL HYRE	31	100 YD. FREE M E N 35-39		55.30 WILL DOUGLASS	35
25.62 RANDAL HYRE	23.97 JEFFREY STUART	34	46.43 STU MARVIN	91	55.36 MARK HEINRICH	37
25.69 BOB TUCKER	100 YD. FLY M E N 30-34		48.07 JAMES LILLEY	35	55.73 BOB BURESH	36
25.92 JEFF STUART	49.16 PETER EGAN	94	48.11 WILL DOUGLASS	35	55.79 SCOTT SHAKE	37
25.93 KELLEY ALLEN	49.58 BOBBY PATTEN	32	48.47 PETER NUNAN	37	55.79 KEN BRENTON	36
100 YD. BACK M E N 30-34	50.87 JEFFREY STUART	34	48.48 CRAIG PETERSEN	35	56.29 CHARLES GROEN	35
50.21 CLAY BRITT	51.38 DOUG ROBERTSON	31	48.51 BRUCE STAHL	36	56.45 THOMAS DAVIS	37
50.51 CLAY BRITT	51.59 CHRIS STEVENSON	30	48.78 CARTER GRANT	35	56.69 MALCOLM COOPER	38
52.28 JAY YARID	51.61 DAVID LUNDBERG	34	48.79 HOLDEN BANK	35	200 YD. BACK M E N 35-39	
52.65 CHRIS STEVENSON	51.65 MARK NOETZEL	32	48.91 CHARLES NORELLI	39	1:53.46 WILLIAM SPECHT	93
52.73 NEIL HARPER	52.10 NEIL HARPER	30	48.93 L.MEISENHEIMER	37	1:55.13 WILLIAM SPECHT	37
53.59 RANDAL HYRE	52.51 ROBERT KILLEEN	33	48.95 KIRK KOZLOWSKI	36	1:59.65 SCOTT SHAKE	37
54.13 PATRICK DUGGAN	52.70 ANDERS RASMUSSEN	32	200 YD. FREE M E N 35-39		1:59.83 CRAIG PETERSEN	35
54.94 JOE REINHARDT	52.80 JEFF STILLING	34	1:42.78 JAMES MONTGOMERY	90	2:00.03 PETER DARDARIS	36
55.30 KELLEY ALLEN	100 YD. FLY M E N 30-34		1:45.47 CRAIG PETERSEN	35	2:00.64 THOMAS DAVIS	37
55.32 BRUCE HAYES	1:49.52 PETER EGAN	94	1:45.47 MIKE KECK	35	2:00.75 MIKE KECK	35
55.56 STEVE BARNICOAT	1:49.53 BOBBY PATTEN	32	1:45.54 JAMES LILLEY	35	2:00.89 DAVE BURLESON	38
200 YD. BACK M E N 30-34	1:55.12 JEFFREY STUART	34	1:46.84 L.MEISENHEIMER	37	2:01.36 MARK HEINRICH	37
1:50.57 JAY YARID	1:58.73 JEFF STILLING	34	1:47.25 WILL DOUGLASS	35	2:01.82 JOE RHYNE	36
1:54.10 CHRIS STEVENSON	1:59.47 STEPHEN STAHL	30	1:48.27 GORDON ANDREWS	35	2:01.97 DOUG PORTELANCE	36
1:55.33 JAY YARID	1:59.96 RON COLLINS	32	1:48.99 BRUCE GREENWOOD	38	50 YD. BRST M E N 35-39	
1:56.52 JEFFREY STUART	2:00.61 STEPHEN SEGRETO	31	1:49.04 JAMES BELARDI	38	26.61 BENN DOYLE	94
1:59.81 PATRICK DUGGAN	2:01.32 ERIC KIELIN	30	1:49.32 JEFFRY PEARSON	35	27.19 HOLDEN BANK	35
2:01.38 STEVE BARNICOAT	2:01.64 RANDY COX	32	1:50.22 MARK HEINRICH	37	27.33 DOUG MALCOLM	38
2:01.70 KELLEY ALLEN	2:01.96 JOHN KENNY	34	500 YD. FREE M E N 35-39		27.61 BRUCE HOWELL	38
2:02.00 JOE REINHARDT	2:02.94 JOHN ANERALLA	32	4:41.53 HESS YNTEMA	91	27.76 BENN DOYLE	36
2:02.38 ETHAN RIVER	100 YD. I.M. M E N 30-34		4:47.04 CRAIG PETERSEN	35	27.78 STEVE BOONE	36
2:02.96 TOM RAWDING	50.98 DAVID LUNDBERG	91	4:47.08 MIKE KECK	35	27.79 MARC SCHLATTER	36
2:04.67 DAVID HITESHEW	51.89 DAVID LUNDBERG	34	4:55.48 JEFFRY PEARSON	35	27.91 JOHN ROEMER	39
50 YD. BRST M E N 30-34	52.90 CLAY BRITT	34	4:55.86 JOE RHYNE	36	28.04 GREGORY OXLEY	36
25.88 DAVID LUNDBERG	53.36 NEIL HARPER	30	4:56.27 ROBERT PLACAK	36	28.20 STUART CORLISS	39
26.18 DEAN PUTTERMAN	53.52 ANDERS RASMUSSEN	31	4:57.40 L.MEISENHEIMER	37	28.43 RON SCHAFFER	37
26.61 DAVID LUNDBERG	53.87 BOBBY PATTEN	32	4:58.09 JAMES KEGLEY	37	100 YD. BRST M E N 35-39	

TOP TEN SHORT COURSE YARDS

59.07 MARK SCHUMAN	91	2:02.26 JAMES BELARDI	38	10:45.79 ROBERT STRAUSS	42	200 YD. BRST M E N 40-44	
1:00.12 BRUCE HOWELL	38	2:02.88 ROBERT PLACAK	36	10:46.66 PAUL FETTERS	41	2:12.85 RICK COLELLA	92
1:00.42 HOLDEN BANK	35	2:03.97 GARY QUINN	37	10:50.02 JEFF STRNAD	42	2:16.13 MICHAEL DREWS	40
1:00.61 RON SCHAFFER	37	2:04.57 PETER DARDARIS	36	10:53.03 DON GILCHRIST	41	2:18.07 TOM REUDY	40
1:00.88 DOUG MALCOLM	38	2:04.77 PETER HOLLETT	35	1650 YD. FREE M E N 40-44		2:18.70 RICK COLELLA	43
1:00.93 MARC SCHLATTER	36	2:04.85 RICHARD FORRESTEL	37	16:18.14 HESS YNTEMA	94	2:18.96 CLAY EVANS	41
1:00.98 BENN DOYLE	36	2:04.92 JOHN ROEMER	39	17:06.10 TODD BRYAN	44	2:20.93 MARC KELLY	40
1:01.64 GREGORY OXLEY	36	400 YD. I.M. M E N 35-39		17:43.52 LARRY WOOD	41	2:21.42 RICHARD BOHAN	44
1:02.05 STEVE BOONE	36	4:15.20 HESS YNTEMA	91	17:43.54 HESS YNTEMA	41	2:21.58 GREGORY HARRISON	43
1:02.06 PHILIPPE CALAIS	36	4:16.23 MIKE KECK	35	17:44.25 HOWARD COYE	40	2:22.56 C.MILTENBERGER	43
1:02.41 MORI PAULSEN	37	4:21.25 MATTHEW CLARK	38	17:50.64 FRED FERROGGIARO	41	2:22.98 LEE MACDONALD	43
200 YD. BRST M E N 35-39		4:23.83 GARY QUINN	37	17:50.74 NED MAGGIORA	40	2:23.44 TOM PALMGREN	41
2:10.41 MARK SCHUMAN	91	4:24.82 DAVID COTE	35	17:57.84 JEFF STRNAD	42	50 YD. FLY M E N 40-44	
2:11.32 RON SCHAFFER	37	4:24.97 ANDREAS SEIBT	37	18:03.80 JIMMY WELBORN	40	23.63 DAN THOMPSON	91
2:12.92 BRUCE HOWELL	38	4:26.73 SCOTT SHAKE	37	18:17.23 JOHN LOBDELL	40	23.77 RICHARD HESS	40
2:14.95 BENN DOYLE	36	4:26.94 BRENDAN MC NULTY	35	18:22.00 ROBERT STRAUSS	42	23.78 CHARLES NORELLI	40
2:15.05 JOHN ROEMER	39	4:29.83 NATHAN NEVID	37	50 YD. BACK M E N 40-44		24.17 DAVID HAGUE	41
2:15.74 DOUG MALCOLM	38	4:30.92 RICHARD FORRESTEL	37	25.35 CLAY EVANS	95	24.38 TOM PERRIN	44
2:15.74 MORI PAULSEN	37	4:31.43 DAVID SHEPHERD	39	25.35 CLAY EVANS	41	24.48 CRAIG BURNS	42
2:16.36 PHILIPPE CALAIS	36	*****		25.51 CASEY CLAFLIN	41	24.50 KEVIN MCCORMACK	42
2:17.69 MICHAEL CASCIATO	35	50 YD. FREE M E N 40-44		26.19 MIKE DAVIS	40	24.55 JACK GROSELLE	40
2:18.92 MIKE SLOWEY	37	21.66 CHARLES NORELLI	95	26.97 CHUCK WOLFF	43	24.62 CLAY EVANS	41
2:18.96 DAVID HOLLAND	36	21.66 CHARLES NORELLI	40	26.99 PAUL WINDRATH	40	24.68 JIM O'CONNOR	41
50 YD. FLY M E N 35-39		21.87 JAMES MONTGOMERY	40	27.03 HOWARD HART	42	24.98 JAMES MONTGOMERY	40
22.93 SPECHT/DEFORREST	94	21.95 JACK GROSELLE	40	27.07 JEFFREY PEROUT	42	100 YD. FLY M E N 40-44	
23.14 WILLIAM SPECHT	37	22.18 JAMES HELM	40	27.08 DAVID HEFNER	40	52.34 CHARLES NORELLI	95
23.85 JAMES BALLARD	37	22.22 RICHARD HESS	40	27.26 PETER O'KEEFFE	44	52.34 CHARLES NORELLI	40
23.97 CHARLES NORELLI	39	22.42 DAVID HAGUE	41	27.32 STEVE MUNDSCHAU	41	52.70 RICHARD HESS	40
24.10 JAMES LILLEY	35	22.64 ERIC VAN BOER	40	100 YD. BACK M E N 40-44		53.85 TOM PERRIN	44
24.19 BRUCE HOWELL	38	22.65 JEFFREY PEROUT	42	54.15 PETER O'KEEFE	91	54.58 JIM O'CONNOR	41
24.23 MICHAEL KER	37	22.70 CRAIG BURNS	42	55.02 CLAY EVANS	41	54.87 CRAIG BURNS	42
24.43 PETER NUNAN	37	22.73 WILLIE WACHOB	42	56.12 CASEY CLAFLIN	41	54.97 KEVIN MC CORMACK	42
24.45 CARTER GRANT	35	100 YD. FREE M E N 40-44		57.36 MIKE DAVIS	40	55.05 JAMES MONTGOMERY	40
24.48 BOB BURESH	36	47.65 NORELLI/MONTGOMERY	95	57.61 JEFFREY PEROUT	42	55.15 MICHAEL HEATHER	41
24.51 CURT LA COUNT	36	47.65 JAMES MONTGOMERY	40	57.71 CHUCK WOLFF	43	55.18 TOM REUDY	40
100 YD. FLY M E N 35-39		47.65 CHARLES NORELLI	40	58.13 JAMIE BAIRD	40	56.01 DONALD GILCHRIST	41
50.08 WILLIAM SPECHT	95	47.79 JACK GROSELLE	40	58.43 FRED FERROGGIARO	41	200 YD. FLY M E N 40-44	
50.08 WILLIAM SPECHT	37	48.92 RICHARD HESS	40	58.67 LANG MEEM	40	1:55.26 HESS YNTEMA	94
52.55 JAMES BALLARD	37	49.39 JEFFREY PEROUT	42	58.81 WILLIAM TINGLEY	44	2:01.76 HESS YNTEMA	41
52.77 JAMES BELARDI	38	49.84 C.MILTENBERGER	43	58.87 SCOTT MCMILLEN	41	2:02.69 JIM O'CONNOR	41
53.89 KERRY O'BRIEN	38	50.05 DAVID HAGUE	41	200 YD. BACK M E N 40-44		2:02.71 CLAY EVANS	41
54.25 JAMES LILLEY	35	50.21 CRAIG BURNS	42	1:59.54 CLAY EVANS	95	2:03.82 DAVID NATALI	40
54.39 CHARLES NORELLI	39	50.45 ERIC VAN BOER	40	1:59.54 CLAY EVANS	41	2:04.89 WILLIAM REEVES	42
54.39 STUART CORLISS	39	50.88 LARRY KRAUSER	41	2:04.05 CASEY CLAFLIN	41	2:04.90 RICK COLELLA	43
54.98 MARK SCHUMAN	39	200 YD. FREE M E N 40-44		2:04.41 MIKE DAVIS	40	2:05.67 EDWARD BROWN	42
55.27 BOB BURESH	36	1:46.00 HESS YNTEMA	94	2:04.46 FRED FERROGGIARO	41	2:05.74 TOM PERRIN	44
55.29 BRENDAN MC NULTY	35	1:46.78 JAMES MONTGOMERY	40	2:05.41 PAUL FETTERS	41	2:06.17 MICHAEL HEATHER	41
200 YD. FLY M E N 35-39		1:48.61 JEFFREY PEROUT	42	2:06.29 CHUCK WOLFF	43	2:06.29 DONALD GILCHRIST	41
1:51.38 WILLIAM SPECHT	95	1:50.01 LARRY WOOD	41	2:07.51 SCOTT MCMILLEN	41	100 YD. I.M. M E N 40-44	
1:51.38 WILLIAM SPECHT	37	1:50.51 DONALD GILCHRIST	41	2:07.89 JEFFREY PEROUT	42	54.88 CLAY EVANS	94
1:59.76 KERRY O'BRIEN	38	1:50.68 C.MILTENBERGER	43	2:07.92 JEFFREY KRONGAARD	40	55.68 CLAY EVANS	41
2:01.56 JOE RHYNE	36	1:50.82 CLAY EVANS	41	2:08.68 LANG MEEM	40	56.23 RICHARD HESS	40
2:03.37 CHARLES NORELLI	39	1:51.84 CRAIG BURNS	42	50 YD. BRST M E N 40-44		56.87 JACK GROSELLE	40
2:04.93 DAVID SHEPHERD	39	1:52.72 HESS YNTEMA	41	27.45 C MILTENBERGER	92	56.95 TOM REUDY	40
2:05.23 RICHARD FORRESTEL	37	1:53.31 JOHN NEEDHAM	41	27.81 C.MILTENBERGER	43	57.30 TOM PERRIN	44
2:05.73 SEAN CROCKETT	36	1:53.36 JIMMY WELBORN	40	28.16 MICHAEL DREWS	40	57.51 CRAIG BURNS	42
2:06.05 DOUG MOYSE	37	500 YD. FREE M E N 40-44		28.72 JACK GROSELLE	40	57.63 CHUCK WOLFF	43
2:07.38 PAUL WISE	39	4:46.59 JIM MCCONICA	94	29.27 RICHARD BOHAN	44	57.73 C.MILTENBERGER	43
2:07.50 PAT MURTAGH	38	4:56.24 TODD BRYAN	44	29.47 TOM REUDY	40	57.81 CASEY CLAFLIN	41
100 YD. I.M. M E N 35-39		4:56.28 CLAY EVANS	41	29.49 CLAY EVANS	41	58.46 DAVID TOLER	40
52.79 ROBERT PLACAK	94	5:01.49 LARRY WOOD	41	29.50 RICK COLELLA	43	200 YD. I.M. M E N 40-44	
54.32 JAMES LILLEY	35	5:04.86 HOWARD COYE	40	29.54 ROBERT PUELS	43	2:00.49 CLAY EVANS	94
54.67 HOLDEN BANK	35	5:07.13 NED MAGGIORA	40	29.70 DAVID SAMUELSON	42	2:01.43 CLAY EVANS	41
55.71 STUART CORLISS	39	5:07.36 DONALD GILCHRIST	41	29.71 DAVID WESLEY	42	2:02.33 TOM REUDY	40
55.85 MATT CLARK	38	5:07.85 FRED FERROGGIARO	41	100 YD. BRST M E N 40-44		2:05.04 HESS YNTEMA	41
55.89 GREGORY OXLEY	36	5:09.48 ROBERT STRAUSS	43	59.40 C MILTENBERGER	93	2:05.62 DONALD GILCHRIST	41
56.23 ROBERT PLACAK	36	5:10.06 JOHN NEEDHAM	41	1:01.10 C.MILTENBERGER	43	2:06.33 CASEY CLAFLIN	41
56.42 DAVID COTE	35	5:11.67 JEFF STRNAD	42	1:02.02 JACK GROSELLE	40	2:06.71 JEFFREY KRONGAARD	40
56.81 BRUCE HOWELL	38	1000 YD. FREE M E N 40-44		1:02.24 MICHAEL DREWS	40	2:07.03 RICHARD HESS	40
56.91 MARC SCHLATTER	36	9:47.73 HESS YNTEMA	94	1:02.70 RICK COLELLA	43	2:07.30 RICK COLELLA	43
57.04 JOHN ROEMER	39	10:09.16 TODD BRYAN	44	1:03.94 MARC KELLY	40	2:07.31 LANG MEEM	40
200 YD. I.M. M E N 35-39		10:30.37 LARRY WOOD	41	1:04.13 RICHARD BOHAN	44	2:07.37 LEE MACDONALD	43
1:57.44 MIKE DREWS	91	10:31.88 EDWARD BROWN	42	1:04.25 DAVID WESLEY	42	400 YD. I.M. M E N 40-44	
1:58.22 MIKE KECK	35	10:34.69 NED MAGGIORA	40	1:04.40 TOM REUDY	40	4:20.57 CLAY EVANS	94
2:01.30 MATTHEW CLARK	38	10:39.30 JIMMY WELBORN	40	1:04.73 CLAY EVANS	41	4:21.71 CLAY EVANS	41
2:01.94 HOLDEN BANK	35	10:43.98 JOHN NEEDHAM	41	1:04.81 LEE MACDONALD	43	4:24.90 TOM REUDY	40

TOP TEN SHORT COURSE YARDS

4:26.78 HESS YNTEMA 41	18:30.69 JOEL WILSON 46	2:32.75 IAN THOMPSON 45	22.84 ROBERT SMITH 93
4:27.22 DONALD GILCHRIST 41	18:56.19 TREVOR CHARLTON 45	2:32.85 JAMES DONNELLY 46	23.16 STEPHEN CLARK 51
4:31.40 RICK COLELLA 43	18:56.88 WILLIAM CERNY 47	50 YD. FLY M E N 45-49	23.34 ROBERT OLSON 50
4:31.56 EDWARD BROWN 42	19:19.16 JORGE GONZALEZ 46	24.05 DAN THOMPSON 94	23.45 ROBERT SMITH 51
4:35.86 WILLIAM REEVES 42	19:22.87 JIM LAWRIE 49	24.71 JERRY HEIDENREICH 45	23.68 DOUGLAS BUCHAN 51
4:36.25 PAUL FETTERS 41	50 YD. BACK M E N 45-49	24.95 DAN THOMPSON 48	23.72 R.ABRAHAMS 50
4:38.52 NEIL WASSERMAN 40	25.65 ROBERT SMITH 88	25.13 ANDREW MC PHERSON 47	23.92 FRANS NELSON 52
4:39.15 JEFFREY KRONGAARD 40	26.35 JERRY HEIDENREICH 45	25.59 BOO GRANER GALLAS 47	23.93 JOHN STEARNS 50
*****	26.71 ANDREW MC PHERSON 47	25.77 LARRY WRIGHT 46	24.05 HARRY GREENFIELD 50
50 YD. FREE M E N 45-49	26.77 TIM BIRNIE 49	25.84 ARTHUR DEFFAA 46	24.07 ROBERT CASEY 50
21.87 RICHARD ABRAHAMS 90	26.85 RIC COOLEY 45	25.91 MICHAEL SLENKER 48	24.24 JACK GEOGHEGAN 53
22.63 ANDREW MCPHERSON 48	27.05 HUGH WILDER 48	25.95 STEVEN HECK 45	100 YD. FREE M E N 50-54
22.90 JERRY HEIDENREICH 45	27.44 RICHARD HAAS 45	26.11 RICHARD ARLUCK 49	50.98 TIMOTHY GARTON 94
23.03 MICHAEL SLENKER 48	27.46 BOB KOLONKOWSKI 47	26.26 TOM MEADE 47	51.07 TIMOTHY GARTON 52
23.19 HOMER LANE 45	27.89 JOHN PHILLIPS 48	100 YD. FLY M E N 45-49	51.17 STEPHEN CLARK 51
23.26 DON HAVENS 47	28.28 GERRY KEELER 45	54.27 MARTIN HULL 89	51.71 KEEFE LODWIG 51
23.53 TOM MEADE 47	28.37 ANDRE WEISBROD 45	55.77 ANDREW MCPHERSON 48	52.22 DOUGLAS BUCHAN 51
23.62 STEVE HECK 45	28.37 NATHAN LEECH 46	56.30 STEVE CRAVEN 45	52.93 JOHN STEARNS 50
23.69 RICHARD ARLUCK 49	100 YD. BACK M E N 45-49	56.51 BOO GRANER GALLAS 47	53.05 JACK GEOGHEGAN 53
23.71 GERRY KEELER 45	56.14 ROBERT SMITH 88	57.53 ARTHUR DEFFAA 46	53.28 HARRY GREENFIELD 50
23.73 ROBERT WHITLEY 45	58.13 WILLIAM DORNEY 47	57.86 RICHARD HAAS 45	53.33 ROBERT CASEY 50
100 YD. FREE M E N 45-49	58.15 TIM BIRNIE 49	58.59 DAVID TANNER 45	53.68 EDWARD CAZALET 52
48.13 ANDREW MCPHERSON 92	58.33 HUGH WILDER 48	58.63 STEVEN HECK 45	53.90 FRANS NELSON 52
49.78 ANDREW MCPHERSON 48	59.00 RIC COOLEY 45	59.28 LARRY WRIGHT 46	200 YD. FREE M E N 50-54
51.13 DON HAVENS 47	59.93 RICHARD HAAS 45	59.46 DAVID LEVINSON 45	1:53.25 TIMOTHY GARTON 94
51.30 KEVIN POLANSKY 45	1:00.49 JOHN PHILLIPS 48	59.59 BOB KOLONKOWSKI 47	1:53.93 TIMOTHY GARTON 52
51.58 HUGH WILDER 48	1:00.85 BOB KOLONKOWSKI 47	200 YD. FLY M E N 45-49	1:56.14 KEEFE LODWIG 51
51.89 HOMER LANE 45	1:01.76 NATHAN LEECH 46	2:03.96 B GRANER-GALLAS 93	1:56.98 ROBERT CASEY 50
51.94 STEVE HECK 45	1:02.53 HOMER LANE 45	2:07.05 BOO GRANER GALLAS 47	1:57.61 JACK GEOGHEGAN 53
52.09 TIM BIRNIE 49	1:02.96 ALAN BELL 45	2:07.66 STEVEN CRAVEN 45	1:59.05 EDWARD CAZALET 52
52.15 RICHARD ARLUCK 49	200 YD. BACK M E N 45-49	2:10.24 RICHARD HAAS 45	2:00.51 HARRY GREENFIELD 50
52.25 PAUL MCCORMICK 48	2:05.50 JOHN CALVERT 92	2:13.20 ALAN BELL 45	2:02.69 BEN VAN DYK 50
52.64 MIKE GARIBALDI 49	2:07.04 WILLIAM DORNEY 47	2:13.20 ARTHUR DEFFAA 46	2:02.75 RICHARD BURNS 51
200 YD. FREE M E N 45-49	2:08.88 TIM BIRNIE 49	2:13.66 KEITH BELL 46	2:02.81 SANDY GALLETTY 52
1:49.27 ANDREW MCPHERSON 92	2:11.90 RIC COOLEY 45	2:13.71 DAVID TANNER 45	2:04.23 DAVID QUIGGIN 50
1:51.23 KEVIN POLANSKY 45	2:12.09 RICHARD HAAS 45	2:13.90 JOEL WILSON 46	500 YD. FREE M E N 50-54
1:51.78 MIKE SHERRILL 45	2:14.04 HUGH WILDER 48	2:16.43 BOB KOLONKOWSKI 47	5:13.80 EDWARD HINSHAW 90
1:52.83 ANDREW MC PHERSON 47	2:14.51 BOB KOLONKOWSKI 47	2:16.45 DAVID LEVINSON 45	5:23.70 EDWARD CAZALET 52
1:53.49 STEVEN CRAVEN 45	2:15.25 ALAN BELL 45	100 YD. I.M. M E N 45-49	5:23.79 ROBERT CASEY 50
1:54.50 PAUL MCCORMICK 48	2:15.37 STEVE HECK 45	56.23 ROBERT SMITH 88	5:23.98 SANDY GALLETTY 52
1:54.95 HOMER LANE 45	2:15.94 JOHN PHILLIPS 48	58.06 ROBERT STRAND 49	5:30.08 BEN VAN DYK 50
1:55.09 TIM BIRNIE 49	2:18.15 TERENCE LEE 45	58.34 ANDREW MC PHERSON 47	5:34.23 JACK GEOGHEGAN 53
1:55.31 LEO FRENCH 47	50 YD. BRST M E N 45-49	59.10 RIC COOLEY 45	5:40.27 TEGZE HARASZTI 53
1:55.63 STEVE HECK 45	28.12 PAUL HENNE 94	59.39 STEVEN HECK 45	5:41.20 STEVE THRASHER 53
1:56.00 MAL JESTER 46	28.69 ROBERT STRAND 49	1:00.47 RICK PARDEW 46	5:41.46 JAMES CRANE 53
500 YD. FREE M E N 45-49	29.30 MICHAEL WITZSZEK 47	1:00.63 ARTHUR DEFFAA 46	5:44.60 TIMOTHY GRIFFIN 51
5:00.82 KEVIN POLANSKY 95	30.02 WAYNE MCCAULEY 46	1:01.14 ROBERT WHITLEY 45	5:44.71 ALLAN CARTWRIGHT 53
5:00.82 KEVIN POLANSKY 45	30.19 STEVEN HECK 45	1:01.33 DAVID FRISCH 47	1000 YD. FREE M E N 50-54
5:01.38 MIKE SHERRILL 45	30.32 RONALD MARCIKIC 45	1:01.72 DAN THOMPSON 48	11:00.03 EDWARD HINSHAW 87
5:07.36 PAUL MCCORMICK 48	30.33 MAL JESTER 46	1:01.72 LARRY WRIGHT 46	11:19.38 ROBERT CASEY 50
5:07.70 STEVEN CRAVEN 45	30.38 DAVID FRISCH 46	200 YD. I.M. M E N 45-49	11:28.64 BEN VAN DYK 50
5:07.76 ANDREW MC PHERSON 47	30.50 GARY JEWELL 45	2:03.80 ANDREW MCPHERSON 94	11:38.04 JACK GEOGHEGAN 52
5:15.08 LEO FRENCH 47	30.52 PAUL MENYHARTH 48	2:05.28 ANDREW MCPHERSON 48	11:52.07 TIMOTHY GRIFFIN 51
5:17.38 TIM BIRNIE 49	30.57 ANDREW MC PHERSON 47	2:09.09 MIKE SHERRILL 45	11:54.96 STEPHEN THRASHER 53
5:18.23 KEITH BELL 46	100 YD. BRST M E N 45-49	2:09.33 RIC COOLEY 45	12:00.86 JAMES CRANE 53
5:21.91 STEVE HECK 45	1:01.92 ROBERT STRAND 95	2:09.74 STEVE HECK 45	12:03.84 ROBERT WILLIAMS 52
5:22.90 JOEL WILSON 46	1:01.92 ROBERT STRAND 49	2:10.10 STEVEN CRAVEN 45	12:26.08 DON DAVIS 50
1000 YD. FREE M E N 45-49	1:05.09 ROBERT WHITLEY 45	2:12.40 RICHARD HAAS 45	12:37.00 RENDALL BANKS 52
10:20.88 MIKE SHERRILL 95	1:05.24 MAL JESTER 46	2:13.29 MAL JESTER 46	12:43.59 GORDON DEMEESTER 52
10:20.88 MIKE SHERRILL 45	1:05.25 BILL GRIFFITH 48	2:13.38 JOEL WILSON 46	1650 YD. FREE M E N 50-54
10:29.44 KEVIN POLANSKY 45	1:05.94 STEVE HECK 45	2:13.92 GEORGE WENDT 47	18:28.45 SANDY GALLETTY 93
10:48.12 PAUL MCCORMICK 48	1:06.53 TERENCE LEE 45	2:15.16 ROBERT WHITLEY 45	18:38.92 SANDY GALLETTY 52
10:50.30 TIM BIRNIE 49	1:06.67 MICHAEL WITZSZEK 47	400 YD. I.M. M E N 45-49	19:34.96 JACK GEOGHEGAN 52
10:57.23 KEITH BELL 46	1:06.71 GARY JEWELL 45	4:31.40 TIMOTHY GARTON 88	19:40.55 TEGZE HARASZTI 53
11:06.83 TREVOR CHARLTON 45	1:06.84 PAUL MENYHARTH 48	4:42.82 STEVE HECK 45	19:44.87 TIMOTHY GRIFFIN 51
11:07.99 BILL DARBY 47	1:07.45 WAYNE MCCAULEY 46	4:42.90 ANDREW MC PHERSON 48	19:56.31 STEPHEN THRASHER 53
11:12.09 WILLIAM CERNY 47	200 YD. BRST M E N 45-49	4:48.02 KEITH BELL 46	20:17.55 BEN VANDYK 50
11:12.21 JOEL WILSON 46	2:15.89 ROBERT STRAND 94	4:48.32 WILLIAM DORNEY 47	20:48.30 JAMES GREEN 50
11:13.25 STEPHEN JOHNSON 46	2:19.06 ROBERT STRAND 49	4:48.63 TERENCE LEE 45	20:55.97 GENE MATTHEWS 50
1650 YD. FREE M E N 45-49	2:22.78 ROBERT WHITLEY 45	4:49.44 EDWIN PYLE 45	21:07.18 JOE WALKER 53
17:30.98 KEVIN POLANSKY 95	2:24.59 MAL JESTER 46	4:49.93 JOEL WILSON 46	21:17.06 EDWARD WALLEN 52
17:30.98 KEVIN POLANSKY 45	2:24.95 STEVE HECK 45	4:54.71 BOB KOLONKOWSKI 47	50 YD. BACK M E N 50-54
17:53.71 STEVE CRAVEN 45	2:25.30 BILL GRIFFITH 48	4:56.52 DAVID LEVINSON 45	26.24 ROBERT SMITH 93
18:09.26 LEO FRENCH 47	2:27.31 TERENCE LEE 45	4:57.93 TED LEOVICH 46	26.87 ROBERT SMITH 51
18:15.48 KEITH BELL 46	2:27.52 GEORGE WENDT 47	*****	27.57 RICHARD BURNS 51
18:30.26 BILL DARBY 47	2:32.69 MICHAEL WITASZEK 47	50 YD. FREE M E N 50-54	28.49 STEPHEN THRASHER 53

TOP TEN SHORT COURSE YARDS

28.56 PAUL BOGGS	50	27.07 DAVID QUIGGIN	50	100 YD. FREE M E N 55-59		1:08.02 JERRY GLANCY	57
28.62 EDWARD CAZALET	52	27.41 BEN VAN DYK	50	52.59 DONALD HILL	87	1:09.18 LEE BETTIS	57
28.66 FRANS NELSON	52	27.43 ROBERT BENNETT	51	53.04 JEFF FARRELL	58	1:09.53 BARR CLAYSON	59
28.73 STEVE KERN	52	100 YD. FLY M E N 50-54		55.25 TOSHIHIRO HAYASHI	57	1:11.80 CARL CHRISTENSEN	57
28.98 JACK GEOGHEGAN	53	56.54 RICHARD WOODROW	94	55.52 CHARLES RAVEN	56	1:12.13 PATRICK FERGUSON	56
29.09 RICHARD BASSI	54	59.16 HARRY GREENFIELD	50	55.69 HENRY SOUTHALL	55	1:12.61 DENNIS BLEDSOE	56
29.31 JON HEIMANN	50	59.47 DOUGLAS BUCHAN	51	56.30 JERRY CLARK	57	1:13.23 FRED WENDELKEN	56
100 YD. BACK M E N 50-54		59.71 JACK GEOGHEGAN	53	56.49 BRUCE HUNTER	55	1:13.99 BILL MULLIKEN	55
59.49 ROBERT SMITH	93	1:00.51 STEPHEN CLARK	51	57.42 DAVID HARRISON	57	200 YD. BACK M E N 55-59	
1:00.34 ROBERT SMITH	51	1:02.11 MIKE LAUX	53	57.50 DOUGLAS BROWN	56	2:20.56 DON BROWN	91
1:01.45 RICHARD BURNS	51	1:02.24 FRED LIPP	51	57.71 JAMES KRUEGER	56	2:26.15 JERRY GLANCY	57
1:01.99 STEVE THRASHER	53	1:02.46 ROBERT SMITH	51	58.13 WILLIAM VAN HORN	56	2:28.58 RICHARD HANLEY	59
1:02.95 EDWARD CAZALET	52	1:03.40 ROBERT BENNETT	51	200 YD. FREE M E N 55-59		2:32.53 LEWIS COOK	57
1:02.97 PAUL BOGGS	51	1:04.22 WILLIAM BISHOP	54	1:59.25 JEFF FARRELL	95	2:33.97 LEE BETTIS	57
1:04.02 BOB WELTY	50	1:04.57 ROBERT CASEY	50	1:59.25 JEFF FARRELL	58	2:35.46 DAVID ROBINSON	55
1:04.59 DAN BEHR	50	200 YD. FLY M E N 50-54		2:04.48 DAVID HARRISON	57	2:38.71 BEN WISCKOL	55
1:04.77 RICHARD BASSI	54	2:13.71 JACK GEOGHEGAN	92	2:06.39 CHARLES RAVEN	56	2:38.88 BARR CLAYSON	59
1:05.09 RICHARD ALEXANDER	50	2:17.60 JACK GEOGHEGAN	53	2:07.68 HENRY SOUTHALL	55	2:41.80 BILL MULLIKEN	55
1:05.48 MARK LITMAN	50	2:19.39 JAMES GREEN	50	2:08.38 WILLIAM VAN HORN	56	2:44.97 BRUCE HUNTER	55
200 YD. BACK M E N 50-54		2:20.95 HARRY GREENFIELD	50	2:09.49 TOSHIHIRO HAYASHI	57	2:45.18 E. CHRISTOFF	55
2:12.97 EDWARD CAZALET	93	2:21.58 MIKE LAUX	53	2:10.42 JERRY CLARK	57	50 YD. BRST M E N 55-59	
2:13.83 EDWARD CAZALET	52	2:27.88 ALLAN CARTWRIGHT	53	2:11.25 ERNIE LESKOVITZ	57	30.18 MANUEL SANGUILY	89
2:15.01 RICHARD BURNS	51	2:35.07 DICK PITMAN	50	2:12.47 BILL NEWMAN	55	30.24 DRURY GALLAGHER	56
2:15.08 STEVE THRASHER	53	2:37.22 BOB WELTY	50	2:13.40 GEORGE MANN	57	31.97 JEFF FARRELL	58
2:19.96 PAUL BOGGS	51	2:37.89 JEFFRY GALPER	53	500 YD. FREE M E N 55-59		32.55 DAVE DABOLL	58
2:20.89 BILL BELDING	50	2:38.48 JACK ILIFF	50	5:32.17 BURWELL JONES	88	32.55 TOSHIHIRO HAYASHI	57
2:22.22 BOB WELTY	50	2:39.60 PHILLIP WHITTEN	51	5:35.63 DAVID HARRISON	57	32.96 BILL MULLIKEN	55
2:23.40 MARK LITMAN	50	100 YD. I.M. M E N 50-54		5:43.73 DICK STEWART	55	33.79 ROBERT JOHNSTON	58
2:24.56 RICHARD BASSI	54	58.15 TIMOTHY GARTON	93	5:44.73 HENRY SOUTHALL	55	33.87 MILTON GEE	58
2:25.04 MICHAEL MC KINLAY	51	58.87 TIMOTHY GARTON	52	5:51.94 DRURY GALLAGHER	56	34.27 BARR CLAYSON	59
2:25.22 DAN BEHR	50	1:00.07 ROBERT SMITH	51	5:52.39 CHARLES RAVEN	56	34.53 JOSEPH LAMMERT	55
50 YD. BRST M E N 50-54		1:01.47 EDWARD CAZALET	52	5:54.49 ERNIE LESKOVITZ	57	34.75 CHARLIE KILBOURN	55
29.70 MANUEL SANGUILY	84	1:01.89 STEPHEN CLARK	51	5:54.92 GEORGE MANN	57	100 YD. BRST M E N 55-59	
30.54 SCOTT GUTHRIE	50	1:02.99 FRANS NELSON	52	5:55.57 BOB COALE	55	1:06.67 DRURY GALLAGHER	95
30.83 PETER OROSZLAN	51	1:03.09 JACK GEOGHEGAN	53	6:00.41 BILL STEUART	58	1:06.67 DRURY GALLAGHER	56
31.20 JACK MCCOY	54	1:03.22 DOUGLAS LONG	50	6:09.92 JERRY GLANCY	57	1:12.83 DAVE DABOLL	58
31.40 JIM DRAGON	50	1:03.82 RICHARD BASSI	53	1000 YD. FREE M E N 55-59		1:13.99 BILL MULLIKEN	55
31.62 ROBERT SMITH	51	1:03.83 PAUL BOGGS	51	11:26.99 BURWELL JONES	90	1:14.82 ROBERT JOHNSTON	58
32.00 WILLIAM GONZALEZ	52	1:04.20 BEN VAN DYK	50	11:44.78 DAVID HARRISON	57	1:15.86 DICK PETERSON	58
32.10 FRANS NELSON	52	200 YD. I.M. M E N 50-54		11:57.55 DICK STEWART	55	1:16.49 MILTON GEE	58
32.16 PHILLIP WHITTEN	51	2:08.36 TIMOTHY GARTON	93	12:00.06 GEORGE MANN	57	1:17.62 JERRY MYERS	57
32.16 DAN PER-LEE	51	2:09.35 TIMOTHY GARTON	52	12:10.49 BOB COALE	55	1:17.79 MEL GOLDSTEIN	56
32.17 KING BOYD	51	2:15.30 JACK GEOGHEGAN	53	12:20.89 ERNIE LESKOVITZ	58	1:18.03 A. EMORY HAWORTH	59
100 YD. BRST M E N 50-54		2:16.83 SANDY GALLETTY	52	12:25.42 BILL STEUART	58	1:18.30 CHARLIE KILBOURN	55
1:05.29 MANUEL SANGUILY	84	2:20.52 BILL BROWN	51	12:57.46 KENT PRICE	56	200 YD. BRST M E N 55-59	
1:08.24 SCOTT GUTHRIE	50	2:20.79 MIKE LAUX	53	13:09.99 CARL WOOLEY	58	2:31.23 DRURY GALLAGHER	95
1:08.54 PETER OROSZLAN	51	2:20.93 STEPHEN THRASHER	53	13:16.51 JOSEPH TESMER	55	2:31.23 DRURY GALLAGHER	56
1:09.17 WILLIAM GONZALEZ	52	2:21.77 TEGZE HARASZTI	53	13:19.86 JACK KIRLIN	56	2:42.50 DICK STEWART	55
1:09.20 PHILLIP WHITTEN	51	2:22.00 BEN VAN DYK	50	1650 YD. FREE M E N 55-59		2:46.57 DAVE DABOLL	58
1:09.81 TIM GARTON	52	2:23.75 ALLAN CARTWRIGHT	53	19:02.45 BURWELL JONES	88	2:46.64 DICK PETERSON	58
1:10.31 JACK MCCOY	54	2:23.91 BOB WELTY	50	19:51.92 DAVID HARRISON	57	2:48.53 BILL MULLIKEN	55
1:10.41 MIKE LAUX	53	400 YD. I.M. M E N 50-54		20:37.79 BOB COALE	55	2:52.39 ROBERT JOHNSTON	58
1:10.62 EDWARD NESSEL	50	4:39.70 TIMOTHY GARTON	93	20:38.27 ERNIE LESKOVITZ	57	2:53.12 CHARLIE KILBOURN	55
1:10.83 DAVID GILDEA	51	4:43.04 TIMOTHY GARTON	52	20:52.85 GEORGE MANN	57	2:54.23 WILLIAM TIMKEN	56
1:11.16 KING BOYD	51	4:51.57 SANDY GALLETTY	52	20:54.88 BILL STEUART	58	2:56.32 EMORY HAWORTH	59
200 YD. BRST M E N 50-54		4:55.16 EDWARD CAZALET	52	21:03.94 CHARLES RAVEN	56	2:57.60 MILTON GEE	58
2:27.98 TIMOTHY GARTON	95	4:56.73 JACK GEOGHEGAN	53	21:36.89 KENT PRICE	56	50 YD. FLY M E N 55-59	
2:27.98 TIMOTHY GARTON	52	5:05.81 TEGZE HARASZTI	53	21:46.52 CARL WOOLEY	58	26.58 ROBERT PROEBSTING	93
2:30.43 WILLIAM GONZALEZ	52	5:07.87 JAMES GREEN	50	22:09.71 BEN WISCKOL	55	26.66 JEFF FARRELL	58
2:32.12 PHILLIP WHITTEN	51	5:08.63 WILLIAM GONZALEZ	52	22:11.60 JOSEPH TESMER	55	27.84 DRURY GALLAGHER	56
2:33.99 MIKE LAUX	53	5:09.94 MIKE LAUX	53	50 YD. BACK M E N 55-59		28.25 JOSEPH LAMMERT	55
2:34.17 TEGZE HARASZTI	53	5:12.70 JACK ILIFF	50	28.15 YOSHI OYAKAWA	91	28.51 JAMES KRUEGER	56
2:35.64 DAVID GILDEA	51	5:12.85 PAUL BOGGS	51	30.09 LEWIS COOK	57	28.77 G.WORTHINGTON	57
2:36.57 EDWARD NESSEL	50	*****		30.64 BARR CLAYSON	59	28.81 CHARLES RAVEN	56
2:37.13 PETER OROSZLAN	51	50 YD. FREE M E N 55-59		31.16 RICHARD HANLEY	59	28.89 BILL NEWMAN	55
2:37.72 MARK LITMAN	50	23.41 DONALD HILL	87	31.74 JERRY GLANCY	57	29.01 BRUCE HUNTER	55
2:37.99 BILL BROWN	51	23.71 JEFF FARRELL	58	31.83 DAVID MCINTYRE	57	29.35 RICHARD HANLEY	59
50 YD. FLY M E N 50-54		24.70 CHARLES RAVEN	56	32.01 JEFF FARRELL	58	29.41 TOSHIHIRO HAYASHI	57
25.49 KEEFE LODWIG	95	25.20 TOSHIHIRO HAYASHI	57	32.17 BILL EARLEY	58	100 YD. FLY M E N 55-59	
25.49 KEEFE LODWIG	51	25.31 JERRY CLARK	57	32.21 JOSEPH LAMMERT	55	1:00.88 WALLY DOBLER	89
25.89 STEPHEN CLARK	51	25.39 BRUCE HUNTER	55	32.28 LEE BETTIS	57	1:04.90 ERNIE LESKOVITZ	58
26.18 HARRY GREENFIELD	50	25.46 JAMES KRUEGER	56	32.36 CARL CHRISTENSEN	57	1:05.68 JAMES KRUEGER	56
26.27 RICHARD BASSI	54	25.78 BILL NEWMAN	55	100 YD. BACK M E N 55-59		1:06.65 MEL GOLDSTEIN	56
26.36 ROBERT SMITH	51	25.94 DAVID MCINTYRE	57	1:02.56 YOSHI OYAKAWA	91	1:07.70 WILLIAM TIMKEN	56
26.60 DOUGLAS BUCHAN	51	26.08 WILLIAM VAN HORN	56	1:07.63 RICHARD HANLEY	59	1:08.78 RON NAKATA	55
27.02 JACK GEOGHEGAN	53	26.09 DOUGLAS BROWN	56	1:07.86 LEWIS COOK	57	1:09.66 G.WORTHINGTON	57

TOP TEN SHORT COURSE YARDS

1:10.02 RICHARD HANLEY 59	1:02.64 DANIEL OSBORNE 61	2:29.36 DONALD BROWN 61	3:08.46 MIKE TORSNEY 64
1:10.03 FOSTER DEJESUS 59	200 YD. FREE M E N 60-64	2:42.58 WALLY DOBLER 61	3:14.61 JAMES DAVIES 60
1:10.09 BEN WISCKOL 55	2:07.28 GRAHAM JOHNSTON 95	2:43.16 GEORGE NORDBLOM 60	3:15.73 YU-JIN LEE 61
1:10.94 DENNIS O'BRIEN 59	2:07.28 GRAHAM JOHNSTON 64	2:44.25 CLARKE MITCHELL 62	3:20.12 LARRY SVANE 63
200 YD. FLY M E N 55-59	2:17.16 WAYNE LEENGRAN 64	2:45.26 ALAN RAPPERPORT 61	3:21.03 PARRY O'BRIEN 63
2:21.48 ROBERT PROEBSTING 93	2:19.75 JUNIUS BRENTON 60	2:46.11 RICHARD BENNETT 64	100 YD. I.M. M E N 60-64
2:37.07 ERNIE LESKOVITZ 58	2:19.76 DAVE ANDERSON 63	2:51.56 MIKE MILLIMAN 60	1:06.39 PAUL HUTINGER 86
2:39.47 MEL GOLDSTEIN 56	2:20.07 JOHN RIES 63	2:51.95 KENNETH KIMBALL 64	1:07.81 JACK BEATTIE 60
2:40.96 WILLIAM TIMKEN 56	2:20.37 JOHN KALAS 61	2:52.03 STEVE HADLEY 63	1:09.14 JOHN KORTHEUER 64
2:44.04 BARRY FASBENDER 57	2:20.94 DREN GEER 61	50 YD. BRST M E N 60-64	1:10.96 DONALD BROWN 61
2:51.87 BILL MULLIKEN 55	2:22.92 SHERWIN DROBNER 61	31.34 MANUEL SANGUILY 93	1:11.45 HERB KERN 63
2:52.46 DENNIS O'BRIEN 59	2:24.10 HERB KERN 63	32.73 JOHN KORTHEUER 63	1:11.96 WALLY DOBLER 61
2:52.96 FOSTER DEJESUS 59	2:24.47 WILLIAM LAUER 60	33.84 BOB PATTEN 60	1:12.81 DAVID ADDLEMAN 60
2:56.26 RICHARD HANLEY 59	500 YD. FREE M E N 60-64	34.46 HARRY HUNSICKER 64	1:12.87 WILLIAM LAUER 60
3:02.12 CHARLIE KILBOURN 55	5:36.90 GRAHAM JOHNSTON 95	34.73 BOB BEST 62	1:12.88 BOB BEST 62
3:07.36 MEL SIEBOLD 59	5:36.90 GRAHAM JOHNSTON 64	34.83 THOMAS KOENIG 63	1:13.10 GEORGE NORDBLOM 60
100 YD. I.M. M E N 55-59	6:16.42 JOHN KALAS 61	35.01 STAN MORNER 60	1:13.24 CLARKE MITCHELL 62
1:01.21 DRURY GALLAGHER 95	6:22.32 WAYNE LEENGRAN 64	35.68 MILTON MARKS 64	200 YD. I.M. M E N 60-64
1:01.21 DRURY GALLAGHER 56	6:25.10 BUDDY BELSHE 61	35.93 PHILIP CHAPMAN 64	2:27.46 DON BROWN 94
1:01.86 JEFF FARRELL 58	6:29.33 J.C. BRENTON 60	36.04 ROBERT KIM 61	2:29.01 GRAHAM JOHNSTON 64
1:04.47 TOSHIHIRO HAYASHI 57	6:30.49 DAVE ANDERSON 63	36.67 DONALD BAKER 63	2:30.26 JACK BEATTIE 60
1:07.30 BRUCE HUNTER 55	6:39.99 ARTHUR WELCH 62	100 YD. BRST M E N 60-64	2:36.33 JUNIUS BRENTON 60
1:07.34 RON NAKATA 55	6:40.53 JOHN COOPER 62	1:10.08 MANUEL SANGUILY 93	2:37.46 HERB KERN 63
1:07.46 DENNIS BLEDSOE 56	6:41.29 THOMAS TAYLOR 64	1:12.82 JOHN KORTHEUER 64	2:37.64 DONALD BROWN 61
1:07.68 LEWIS COOK 57	6:42.30 MIKE MILLIMAN 60	1:13.19 BOB PATTEN 60	2:43.48 WALLY DOBLER 61
1:08.63 JOSEPH LAMMERT 55	1000 YD. FREE M E N 60-64	1:18.29 HARRY HUNSICKER 64	2:45.94 ROBERT KUENY 64
1:09.62 DICK PETERSON 58	11:46.48 GRAHAM JOHNSTON 95	1:19.10 THOMAS KOENIG 63	2:45.97 MEL SIEBOLD 60
1:10.28 ANDY MORROW 56	11:46.48 GRAHAM JOHNSTON 64	1:19.67 JOHN BLECK 62	2:46.62 DREN GEER 61
200 YD. I.M. M E N 55-59	13:28.57 BUDDY BELSHE 61	1:20.02 STAN MORNER 60	2:46.97 GEORGE NORDBLOM 60
2:14.98 DRURY GALLAGHER 95	13:29.21 GEORGE BRUNSTAD 60	1:21.44 TAK ISERI 62	400 YD. I.M. M E N 60-64
2:14.98 DRURY GALLAGHER 56	13:30.12 DAVE ANDERSON 63	1:22.24 JOHN VAN HORN 62	5:21.45 GRAHAM JOHNSTON 93
2:26.31 DICK STEWART 55	13:32.37 WAYNE LEENGRAN 63	1:22.75 ROBERT KUENY 64	5:22.66 GRAHAM JOHNSTON 64
2:26.59 JEFF FARRELL 58	13:36.04 ARTHUR WELCH 62	1:23.04 THOMAS TAYLOR 64	5:38.20 JUNIUS BRENTON 60
2:27.15 TOSHIHIRO HAYASHI 57	13:37.65 DENIS RICE 62	200 YD. BRST M E N 60-64	5:49.21 HERB KERN 63
2:29.91 MEL GOLDSTEIN 56	13:46.88 MEL SIEBOLD 60	2:39.95 MANUEL SANGUILY 93	5:57.37 WILLIAM LAUER 60
2:34.83 BILL MULLIKEN 55	13:51.41 DAVID FORTSCH 60	2:40.02 BOB PATTEN 60	6:00.50 RON JOHNSON 63
2:34.94 DICK PETERSON 58	13:56.37 MIKE MILLIMAN 60	2:50.54 JOHN KORTHEUER 63	6:04.27 ROBERT KUENY 64
2:35.62 WILLIAM TIMKEN 56	1650 YD. FREE M E N 60-64	2:58.67 JOHN BLECK 62	6:05.80 MEL SIEBOLD 60
2:36.18 DENNIS BLEDSOE 56	19:28.49 GRAHAM JOHNSTON 95	2:59.14 TAK ISERI 63	6:06.41 JOHN LENARD 64
2:36.21 RON NAKATA 55	19:28.49 GRAHAM JOHNSTON 64	3:02.69 ROBERT KUENY 64	6:11.18 EVERETT SMETHURST 60
400 YD. I.M. M E N 55-59	22:20.55 BUDDY BELSHE 61	3:04.42 TOM TAYLOR 64	6:13.27 CLARKE MITCHELL 62
4:59.10 DRURY GALLAGHER 95	22:21.82 ARTHUR WELCH 62	3:07.49 KARL MALEY 60	*****
4:59.10 DRURY GALLAGHER 56	22:30.11 JUNIUS BRENTON 60	3:07.51 JOHN LENARD 64	50 YD. FREE M E N 65-69
5:27.14 MEL GOLDSTEIN 56	22:38.54 THOMAS TAYLOR 64	3:08.06 JOHN FURRER 60	25.62 PETER POWLISON 87
5:30.59 JODY GRANT 56	22:49.04 DENIS RICE 62	3:08.94 NICHOLAS BERENYI 62	26.91 HAROLD BEGEL 65
5:36.82 BILL MULLIKEN 55	22:50.66 WAYNE LEENGRAN 64	50 YD. FLY M E N 60-64	27.66 DICK WEBBER 65
5:41.70 DICK PETERSON 58	22:58.26 DAVE ANDERSON 63	28.31 WALLY DOBLER 94	27.67 DICK BOWER 65
5:42.03 WILLIAM TIMKEN 56	23:05.15 DAVID FORTSCH 60	28.87 WALLY DOBLER 61	27.89 DONALD SONIA 65
5:42.52 FOSTER DEJESUS 59	23:22.17 DANIEL OSBORNE 61	29.45 HERB KERN 63	28.09 ROBERT HERITIER 66
5:42.57 ERNIE LESKOVITZ 58	50 YD. BACK M E N 60-64	30.56 RON JOHNSON 63	28.14 BOB CONGELLIERE 66
5:42.90 DENNIS O'BRIEN 59	29.62 YOSHI OYAKAWA 94	30.74 DAVID ADDLEMAN 60	28.14 EDWARD EMES 66
5:48.21 BEN WISCKOL 55	30.43 JACK BEATTIE 60	30.84 HARRY HUNSICKER 64	28.21 LEN GOLDSTONE 65
*****	31.15 YOSHI OYAKAWA 61	31.04 CLARKE MITCHELL 62	28.54 PETER VAN DIJK 66
50 YD. FREE M E N 60-64	31.48 DONALD BROWN 61	31.06 JOHN KORTHEUER 64	28.58 WILLIAM IRWIN 66
24.52 DONALD HILL 93	32.44 WALLY DOBLER 61	31.26 JACK BEATTIE 60	100 YD. FREE M E N 65-69
25.72 WALLY DOBLER 61	33.05 CLARKE MITCHELL 62	31.27 MEL SIEBOLD 60	56.24 PETER POWLISON 87
26.61 JACK BEATTIE 60	33.22 RON JOHNSON 63	31.37 YU-JIN LEE 61	59.84 HAROLD BEGEL 65
26.80 PHILIP CHAPMAN 64	33.31 DAVID ADDLEMAN 60	100 YD. FLY M E N 60-64	1:02.76 DONALD SONIA 65
26.81 THOMAS KEHOE 60	33.34 STEVE HADLEY 63	1:03.44 WALLY DOBLER 94	1:03.03 DICK BOWER 65
26.85 RON JOHNSON 63	33.77 RICHARD BENNETT 64	1:10.83 HERB KERN 63	1:03.12 LEN GOLDSTONE 65
26.97 DAVID ADDLEMAN 60	33.79 JOHN GOODE 61	1:10.96 BOB PATTEN 60	1:03.87 ROBERT MACDONALD 66
27.14 SHERWIN DROBNER 61	100 YD. BACK M E N 60-64	1:11.03 JOHN KORTHEUER 64	1:03.93 DICK WEBBER 65
27.35 DICK BOWER 64	1:05.09 DON BROWN 94	1:11.90 HARRY HUNSICKER 64	1:04.25 WINTHROP WILSON 68
27.41 HERB KERN 63	1:05.59 JACK BEATTIE 60	1:14.13 PAUL CROLEY 60	1:04.28 ROBERT HERITIER 66
27.62 DREN GEER 61	1:07.53 DONALD BROWN 61	1:15.27 WILLIAM LAUER 60	1:04.58 PETER VAN DIJK 66
100 YD. FREE M E N 60-64	1:09.59 YOSHI OYAKAWA 61	1:15.84 STAN MORNER 60	1:05.18 WILLIAM PHILLIPS 67
54.49 DONALD HILL 93	1:12.87 CLARKE MITCHELL 62	1:16.09 DONALD RICE 61	200 YD. FREE M E N 65-69
57.33 JACK BEATTIE 60	1:12.99 WALLY DOBLER 61	1:17.24 MEL SIEBOLD 60	2:10.80 PETER POWLISON 87
59.98 DONALD BAKER 63	1:15.42 ALAN RAPPERPORT 61	1:17.86 HERB ALVARADO 60	2:18.73 HAROLD BEGEL 65
1:00.72 DREN GEER 61	1:15.53 STEVE HADLEY 63	200 YD. FLY M E N 60-64	2:21.98 DONALD SONIA 65
1:01.00 RON JOHNSON 63	1:15.70 RON JOHNSON 63	2:38.59 JOHN MASTERS 91	2:22.71 WILLIAM PHILLIPS 67
1:01.23 YOSHI OYAKAWA 61	1:15.85 RICHARD BENNETT 64	2:50.47 HERB KERN 63	2:23.12 BOB MILLER 65
1:01.35 SHERWIN DROBNER 61	1:16.46 GEORGE NORDBLOM 60	2:54.93 ROBERT KUENY 64	2:24.19 WINTHROP WILSON 68
1:02.32 JOHN RIES 63	200 YD. BACK M E N 60-64	2:57.06 DONALD RICE 61	2:24.42 ROBERT HERITIER 66
1:02.40 WILLIAM LAUER 60	2:23.30 DON BROWN 94	3:00.72 WILLIAM LAUER 60	2:25.96 LEN GOLDSTONE 65
1:02.62 DAVID ADDLEMAN 60	2:28.26 JACK BEATTIE 60	3:07.60 JOHN LENARD 64	2:30.87 DICK BOWER 65

TOP TEN SHORT COURSE YARDS

2:31.11 WILLIAM IRWIN 66	35.00 CHARLES MOSS 67	1:15.51 BOB MILLER 65	7:41.53 RICHARD SMITH 74
2:31.20 FRED TRASK 67	36.68 DON VAN ROSSEN 65	1:16.11 DONALD SONIA 65	7:44.18 DOUG STRONG 70
500 YD. FREE M E N 65-69	36.80 FRED LEIPZIGER 67	1:18.11 DON KORTEN 68	7:45.53 BOB MERRICK 74
6:14.78 WILLIAM PHILLIPS 94	36.87 WILLIAM IRWIN 66	1:18.51 DICK WEBBER 65	1000 YD. FREE M E N 70-74
6:22.99 WILLIAM PHILLIPS 67	37.35 TED HAARTZ 67	1:18.62 ERIC GUEST 65	13:11.09 FRANK PIEMME 95
6:43.38 LEN GOLDSTONE 65	37.37 JOSEPH KURTZMAN 68	1:19.90 ROGER FRANKS 68	13:11.09 FRANK PIEMME 70
6:43.80 BOB HERITIER 66	37.47 KENNETH FLYNN 65	200 YD. I.M. M E N 65-69	14:44.59 JURGEN SCHMIDT 72
6:45.27 DONALD SONIA 65	37.76 DAN GRUENDER 65	2:35.07 CHARLES MOSS 93	14:44.84 LEE ARTH 70
6:51.97 ROGER FRANKS 67	38.19 MATTHEW FLANAGAN 68	2:43.13 LENROD GOLDSTONE 65	14:48.19 FRED TAIOLI 74
6:59.30 FRED TRASK 67	38.25 DICK BOWER 65	2:44.45 CHARLES MOSS 67	15:33.64 ROBERT BLAKE 70
7:03.05 WILLIAM IRWIN 66	100 YD. BRST M E N 65-69	2:46.44 THOMAS SMITH 67	15:39.19 WAYNE SHADBOLT 70
7:14.36 DICK BOWER 65	1:17.34 JOSEPH KURTZMAN 91	2:55.71 ERIC GUEST 65	15:42.05 DOUG STRONG 70
7:17.34 ERNEST POLTE 68	1:19.01 ROBERT MACDONALD 66	2:56.15 HORACE KNOWLTON 65	16:01.63 JAMES EDWARDS 72
7:18.69 ERIC GUEST 65	1:20.73 CHARLES MOSS 67	2:56.80 LUMAN SUTTON 68	16:04.03 GILBERT YOUNG 72
1000 YD. FREE M E N 65-69	1:21.17 FRED LEIPZIGER 67	3:01.14 DON KORTEN 68	16:09.69 GLYNN JONES 70
13:00.78 ROGER FRANKS 93	1:22.16 JOSEPH KURTZMAN 69	3:06.17 KENNETH FLYNN 65	1650 YD. FREE M E N 70-74
13:18.18 WINTHROP WILSON 68	1:22.65 TED HAARTZ 67	3:09.91 DON VAN ROSSEN 65	22:49.30 FRANK PIEMME 95
13:42.73 ROBERT HERITIER 66	1:23.33 LEN GOLDSTONE 65	3:10.63 GERALD WILLIAMS 67	22:49.30 FRANK PIEMME 70
13:56.72 WILLIAM PHILLIPS 67	1:23.62 KENNETH FLYNN 65	400 YD. I.M. M E N 65-69	23:46.74 LEE ARTH 70
14:36.00 DONALD SONIA 65	1:24.02 DON VAN ROSSEN 65	5:34.61 CHARLES MOSS 93	25:07.43 JURGEN SCHMIDT 71
14:43.05 FRED TRASK 67	1:25.39 DAN GRUENDER 65	5:57.11 CHARLES MOSS 67	25:28.22 DICK UPSALL 70
15:03.46 DICK BOWER 65	1:25.81 GENE SAPPER 65	5:57.44 LENROD GOLDSTONE 65	25:56.27 FRED TAIOLI 74
15:15.65 W MORGAN BYERS 67	200 YD. BRST M E N 65-69	6:20.14 ROGER FRANKS 67	26:10.05 RICHARD SMITH 74
15:30.64 FORREST SULLIVAN 65	2:53.27 TED HAARTZ 93	6:23.67 THOMAS SMITH 67	26:13.54 ROBERT BLAKE 70
15:42.20 DON KORTEN 68	2:56.44 ROBERT MACDONALD 66	6:32.09 LUMAN SUTTON 68	26:50.04 GLYNN JONES 70
15:47.48 GEORGE LUSTIG 65	3:00.02 CHARLES MOSS 67	6:36.34 DONALD SONIA 65	26:53.70 DAN MILES 74
1650 YD. FREE M E N 65-69	3:04.76 TED HAARTZ 67	6:44.94 DON VAN ROSSEN 65	27:04.37 GILBERT YOUNG 72
21:39.42 ROGER FRANKS 93	3:05.34 FRED LEIPZIGER 67	6:47.14 DON KORTEN 68	50 YD. BACK M E N 70-74
22:46.23 WILLIAM PHILLIPS 67	3:07.29 DON VAN ROSSEN 65	7:06.54 GEORGE LUSTIG 65	31.84 PAUL HUTINGER 95
23:28.39 ROGER FRANKS 67	3:10.23 KENNETH FLYNN 65	7:09.16 LOU SILVERSTEIN 68	31.84 PAUL HUTINGER 70
24:15.10 ED KERSWILL 68	3:12.80 MORRIS MATHEWS 67	*****	35.95 FRANK PIEMME 70
24:18.68 FRED TRASK 67	3:14.19 DAN GRUENDER 65	50 YD. FREE M E N 70-74	36.15 GEORGE GANDSEY 71
25:24.64 ART TEBBENS 65	3:15.46 ALAN MALONEY 66	26.90 FRANK PIEMME 95	36.72 ROGERS HOLMES 73
25:33.80 DON KORTEN 68	3:17.47 LARRY SVANE 65	26.90 FRANK PIEMME 70	37.62 GEORGE BRINTON 70
25:46.47 GEORGE LUSTIG 65	50 YD. FLY M E N 65-69	28.35 PAUL HUTINGER 70	37.90 RICHARD AVERY 72
26:25.40 MORRIS MATHEWS 67	29.42 FRANK PIEMME 91	28.80 ROBERT BLAKE 70	38.08 BOB BROWN 70
26:45.48 JOHN MILTON 67	30.33 HAROLD BEGEL 65	29.88 DOUGLAS SHOOK 71	38.21 GERALD HUESTIS 74
26:51.49 HARLAN DRAKE 66	30.85 EDWARD EMES 66	29.95 RICHARD LEIGH 70	38.29 JOHN WOODS 71
50 YD. BACK M E N 65-69	31.42 WINTHROP WILSON 68	30.00 ROGERS HOLMES 73	39.13 GAETANO PAVONE 72
31.26 PAUL HUTINGER 93	31.54 THOMAS SMITH 67	30.01 JOHN FLORENCE 72	100 YD. BACK M E N 70-74
32.62 THOMAS SMITH 67	31.81 CHARLES MOSS 67	30.03 HERB MCAULEY 72	1:11.56 PAUL HUTINGER 95
33.06 HAROLD BEGEL 65	32.09 LENROD GOLDSTONE 65	30.18 JURGEN SCHMIDT 72	1:11.56 PAUL HUTINGER 70
33.20 PETER VAN DIJK 66	32.56 STANLEY PRAZER 66	30.54 FRANK GRANNIS 70	1:21.66 GEORGE GANDSEY 71
33.58 BILL VAN PELT 65	32.60 DONALD SONIA 65	100 YD. FREE M E N 70-74	1:22.39 ROGERS HOLMES 73
33.71 H.J. SEEGER 65	32.83 JOSEPH KURTZMAN 69	1:00.80 FRANK PIEMME 95	1:23.16 GEORGE BRINTON 70
34.58 DUANE DRAVES 69	32.93 DICK WEBBER 65	1:00.80 FRANK PIEMME 70	1:26.06 GERALD HUESTIS 74
34.61 HORACE KNOWLTON 65	100 YD. FLY M E N 65-69	1:06.58 ROBERT BLAKE 70	1:26.92 BOB BROWN 70
34.65 FORREST SULLIVAN 65	1:09.77 JOSEPH KURTZMAN 91	1:07.12 JURGEN SCHMIDT 72	1:27.11 CALVIN BARNES 71
36.01 CHARLES MOSS 67	1:12.45 CHARLES MOSS 67	1:09.60 FRANK GRANNIS 70	1:27.54 JOHN BRICKER 74
36.31 WILLIAM HAYNES 68	1:13.08 WINTHROP WILSON 68	1:09.96 KEITH CARTER 70	1:27.75 BOB MERRICK 74
100 YD. BACK M E N 65-69	1:13.14 HAROLD BEGEL 65	1:10.64 HERB MCAULEY 72	1:27.85 GAETANO PAVONE 72
1:10.07 ROGER FRANKS 93	1:16.84 LENROD GOLDSTONE 65	1:11.39 JOHN WOODS 71	200 YD. BACK M E N 70-74
1:14.85 BOB MILLER 65	1:17.14 JOSEPH KURTZMAN 69	1:11.92 EDWARD BITNER 72	2:42.35 PAUL HUTINGER 95
1:15.94 PETER VAN DIJK 66	1:17.39 THOMAS SMITH 67	1:11.97 DICK UPSALL 70	2:42.35 PAUL HUTINGER 70
1:16.19 THOMAS SMITH 67	1:24.91 DONALD SONIA 65	1:12.07 WAYNE SHADBOLT 70	3:01.97 GEORGE BRINTON 70
1:16.19 DUANE DRAVES 69	1:25.85 GEORGE LUSTIG 65	200 YD. FREE M E N 70-74	3:06.19 LEE ARTH 70
1:16.98 CHARLES MOSS 67	1:26.25 ROGER FRANKS 68	2:17.64 FRANK PIEMME 95	3:07.00 JOHN BRICKER 74
1:16.98 FORREST SULLIVAN 65	1:27.32 LUMAN SUTTON 68	2:17.64 FRANK PIEMME 70	3:07.93 GEORGE GANDSEY 71
1:17.86 HORACE KNOWLTON 65	200 YD. FLY M E N 65-69	2:33.46 JURGEN SCHMIDT 72	3:11.95 CALVIN BARNES 71
1:19.22 BILL VAN PELT 65	2:41.99 CHARLES MOSS 93	2:37.53 ROBERT BLAKE 70	3:16.49 GAETANO PAVONE 72
1:19.41 WILLIAM HAYNES 68	2:54.08 CHARLES MOSS 67	2:41.34 FRED TAIOLI 74	3:18.03 JAMES EDWARDS 72
1:20.77 HAROLD BEGEL 65	2:55.41 LENROD GOLDSTONE 65	2:43.14 LEE ARTH 70	3:18.39 BOB MERRICK 74
200 YD. BACK M E N 65-69	3:04.51 JOSEPH KURTZMAN 69	2:43.14 JOHN WOODS 71	3:21.14 JACK MCGREEN 70
2:30.53 ROGER FRANKS 93	3:14.12 GEORGE LUSTIG 65	2:44.63 WAYNE SHADBOLT 70	50 YD. BRST M E N 70-74
2:47.43 PETER VAN DIJK 66	3:18.14 DEREK CRIPPS 66	2:45.82 BOB MERRICK 74	35.35 BARTON GREENBERG 95
2:47.49 DUANE DRAVES 69	3:23.09 ROGER FRANKS 67	2:45.83 FRANK GRANNIS 70	35.35 BARTON GREENBERG 70
2:49.15 HORACE KNOWLTON 65	3:34.04 ART KELLEY 69	2:46.93 DOUG STRONG 70	37.65 BOB BROWN 70
2:54.01 H.J. SEEGER 65	3:51.01 LORING HOLMES 66	500 YD. FREE M E N 70-74	38.02 FRANK PIEMME 70
2:54.20 CHARLES MOSS 67	3:55.80 WILLIAM CALLENDER 66	6:25.12 FRANK PIEMME 95	38.34 PAUL HUTINGER 70
2:57.18 THOMAS SMITH 67	4:10.40 ELMER SCHNITZER 66	6:25.12 FRANK PIEMME 70	39.61 TOM DOWELL 72
2:58.37 RALPH PERRY 68	100 YD. I.M. M E N 65-69	7:01.59 JURGEN SCHMIDT 72	39.61 EDWARD RUDLOFF 71
2:59.12 BILL VAN PELT 65	1:06.74 PETER POWLISON 87	7:04.52 LEE ARTH 70	39.71 GEORGE MELICK 70
2:59.60 FORREST SULLIVAN 65	1:12.32 THOMAS SMITH 67	7:15.89 ROBERT BLAKE 70	40.84 JOHN EMANUEL 70
3:03.48 RALPH COXHEAD 66	1:12.84 CHARLES MOSS 67	7:16.94 FRED TAIOLI 74	41.04 RAYMOND HAKOMAKI 74
50 YD. BRST M E N 65-69	1:13.54 LENROD GOLDSTONE 65	7:27.66 DICK UPSALL 70	41.09 ABRASHA BRAININ 72
33.24 JOSEPH KURTZMAN 91	1:15.14 FRED LEIPZIGER 67	7:34.43 WAYNE SHADBOLT 70	100 YD. BRST M E N 70-74

TOP TEN SHORT COURSE YARDS

1:19.95 BARTON GREENBERG 95	3:00.78 JURGEN SCHMIDT 72	17:20.05 LYNN SURLS 77	200 YD. BRST M E N 75-79
1:19.95 BARTON GREENBERG 70	3:07.54 BOB MERRICK 74	17:31.27 JERRY SIEFERT 76	3:13.37 ALDO DA ROSA 93
1:24.94 BOB BROWN 70	3:16.24 KEITH CARTER 70	17:38.31 BILL ODMAN 75	3:19.58 ALDO DA ROSA 77
1:26.46 LEE ARTH 70	3:17.02 JOHN EMANUEL 70	17:39.35 ROY MORSE 78	3:30.92 ANTON CERER 78
1:27.15 EDWARD RUDLOFF 71	3:18.37 EARL WALTER 74	1650 YD. FREE M E N 75-79	3:31.22 PAUL KRUP 77
1:29.12 BOB MERRICK 74	3:20.40 DAN MILES 74	24:40.71 RAY TAFT 95	3:34.95 EARL MCCULLOUGH 79
1:29.35 KEITH CARTER 70	3:21.13 BALINT PAPP 73	24:40.71 RAYMOND TAFT 75	3:46.31 BUD JACKSON 75
1:31.04 JOHN EMANUEL 70	400 YD. I.M. M E N 70-74	25:00.21 ALDO DA ROSA 77	3:51.93 BRUD CLEVELAND 77
1:32.12 RAYMOND HAKOMAKI 74	6:05.24 FRANK PIEMME 95	26:31.87 RICHARD SMITH 75	3:53.08 GEORGE HUBBELL 75
1:33.98 GEORGE MELICK 70	6:05.24 FRANK PIEMME 70	26:42.06 DAVID MULLIKEN 76	3:55.53 NORRIS FLUKE 77
1:34.83 NORMAN GARSOE 70	6:15.71 LEE ARTH 70	28:02.84 ROBERT JOHNSTON 78	3:56.62 MURRAY EAGER 78
200 YD. BRST M E N 70-74	6:26.47 PAUL HUTINGER 70	28:10.64 PETE OKUMOTO 79	4:07.09 BILL EIBL 77
3:02.63 BARTON GREENBERG 95	6:49.17 GERALD HUESTIS 74	28:17.31 DICK GUIDO 77	50 YD. FLY M E N 75-79
3:02.63 BARTON GREENBERG 70	6:59.32 KEITH CARTER 70	28:33.68 NORRIS FLUKE 77	33.17 BIRCH DAVIDSON 94
3:07.79 PAUL HUTINGER 70	7:06.96 DAN MILES 74	29:38.01 NORMAN SKJERSAA 79	33.90 RAYMOND TAFT 75
3:10.40 LEE ARTH 70	7:16.16 RICHARD SMITH 74	30:09.00 JOHN MERRILL 78	35.36 A.W. HOLDEN 75
3:19.36 EDWARD RUDLOFF 71	7:22.39 EARL WALTER 74	50 YD. BACK M E N 75-79	36.28 BIRCH DAVIDSON 76
3:20.34 BOB BROWN 70	7:23.16 CALVIN BARNES 71	34.84 RAY TAFT 95	38.61 PAUL KRUP 77
3:20.41 BOB MERRICK 74	7:31.65 BALINT PAPP 73	34.84 RAYMOND TAFT 75	38.84 ROBERT KNAPP 78
3:27.46 RAYMOND HAKOMAKI 74	*****	38.00 ALDO DA ROSA 77	40.58 ALDO DA ROSA 77
3:28.54 JOHN EMANUEL 70	50 YD. FREE M E N 75-79	39.36 ANDREW HOLDEN 75	42.32 EDWIN WOLPAW 79
3:29.45 NORMAN GARSOE 70	28.73 KELLEY LEMMON 87	39.40 ROBERT KNAPP 78	42.47 WILLIAM JOHNSTON 76
3:35.61 GEORGE MELICK 70	29.56 RAYMOND TAFT 75	39.72 EDWARD JOHNSON 76	43.74 ROBERT CHRISTIANS 79
50 YD. FLY M E N 70-74	30.76 ANDREW HOLDEN 75	40.33 WILLIAM ROWE 79	44.27 GEORGE RAFTER 75
30.59 FRANK PIEMME 95	32.09 JERRY SIEFERT 77	40.61 ROBERT CHRISTIANS 79	100 YD. FLY M E N 75-79
30.59 FRANK PIEMME 70	32.45 JIM CONGER 75	40.62 C.EDWARD JOHNSON 76	1:23.77 ANDREW HOLDEN 94
31.51 PAUL HUTINGER 70	32.55 WILLIAM JOHNSTON 76	40.84 JOHN MERRILL 78	1:28.85 A.W. HOLDEN 75
32.25 ROGERS HOLMES 73	32.64 ROBERT KNAPP 78	42.03 NORRIS FLUKE 77	1:33.49 RAYMOND TAFT 75
32.88 KEITH CARTER 70	32.67 ALDO DA ROSA 77	100 YD. BACK M E N 75-79	1:34.11 PAUL KRUP 77
34.09 JURGEN SCHMIDT 72	32.73 RICHARD LOIZEAUX 75	1:17.67 RAYMOND TAFT 95	1:34.15 ALDO DA ROSA 77
35.98 HERB MCAULEY 72	33.20 LYNN SURLS 77	1:17.67 RAYMOND TAFT 75	1:37.95 RICHARD SMITH 75
37.11 JOHN FLORENCE 72	33.48 BARNET PHILLIPS 77	1:25.76 ALDO DA ROSA 77	1:43.10 NORRIS FLUKE 77
37.11 JOHN WOODS 71	100 YD. FREE M E N 75-79	1:29.76 JOHN MERRILL 77	1:49.30 EARL MCCULLOUGH 79
37.83 PAUL CRAGO 74	1:04.28 KELLEY LEMMON 88	1:32.65 C.EDWARD JOHNSON 76	1:50.50 WALLACE SAWHILL 75
38.37 FRANK GRANNIS 70	1:07.21 RAYMOND TAFT 75	1:32.95 NORRIS FLUKE 77	1:51.22 WILLIAM JOHNSTON 76
100 YD. FLY M E N 70-74	1:09.97 ANDREW HOLDEN 75	1:38.45 BRION WINSHIP 77	2:01.79 EMIL DAESCHNER 77
1:15.97 FRANK PIEMME 95	1:10.19 GERALD HUESTIS 75	1:42.84 JOHN HAAKE 75	200 YD. FLY M E N 75-79
1:15.97 FRANK PIEMME 70	1:12.05 ALDO DA ROSA 77	1:43.31 DICK GUIDO 77	3:17.53 ANTON CERER 92
1:20.31 KEITH CARTER 70	1:13.11 RICHARD LOIZEAUX 75	1:43.81 JERRY SIEFERT 77	3:27.92 ANTON CERER 78
1:28.49 EDWARD RUDLOFF 71	1:13.44 STEVE CARLSON 75	1:44.48 BILL EIBL 77	3:29.52 GERALD HUESTIS 75
1:30.74 FRANK GRANNIS 70	1:13.47 ROBERT KNAPP 78	200 YD. BACK M E N 75-79	3:32.85 RAYMOND TAFT 75
1:31.26 JURGEN SCHMIDT 72	1:15.54 LYNN SURLS 77	2:54.21 RAYMOND TAFT 95	3:38.45 ALDO DA ROSA 77
1:31.73 LEE ARTH 70	1:15.69 BILL ODMAN 75	2:54.21 RAYMOND TAFT 75	3:40.42 PAUL KRUP 77
1:33.15 BALINT PAPP 73	1:16.20 JERRY SIEFERT 77	3:10.96 ALDO DA ROSA 77	3:44.27 RICHARD SMITH 75
1:33.59 BOB MERRICK 74	200 YD. FREE M E N 75-79	3:12.20 GERALD HUESTIS 75	4:02.56 EARL MCCULLOUGH 79
1:36.18 CLARENCE WEBB 71	2:27.09 RAY TAFT 95	3:13.51 NORRIS FLUKE 77	4:19.30 WALLACE SAWHILL 75
1:38.07 EARL WALTER 73	2:27.09 RAYMOND TAFT 75	3:15.23 JOHN MERRILL 78	4:37.34 JOHN JOHNSTON 79
200 YD. FLY M E N 70-74	2:41.63 ALDO DA ROSA 77	3:34.93 JOHN HAAKE 75	100 YD. I.M. M E N 75-79
2:58.78 ANTON CERER 87	2:45.17 GERALD HUESTIS 75	3:38.20 BRION WINSHIP 77	1:16.12 RAY TAFT 95
3:13.58 LEE ARTH 70	2:46.26 STEVE CARLSON 75	3:42.17 JERRY SIEFERT 77	1:16.12 RAYMOND TAFT 75
3:14.77 KEITH CARTER 70	2:51.21 RICHARD SMITH 75	3:48.60 BILL EIBL 77	1:22.43 ANDREW HOLDEN 75
3:43.63 RICHARD SMITH 74	2:55.51 NORRIS FLUKE 77	4:03.99 CHARLES BREEDING 78	1:22.59 BIRCH DAVIDSON 76
3:49.40 DAN MILES 74	3:00.19 BARNET PHILLIPS 77	50 YD. BRST M E N 75-79	1:24.36 GERALD HUESTIS 75
3:49.53 EARL WALTER 74	3:00.93 RICHARD LOIZEAUX 75	37.59 PAUL KRUP 93	1:24.61 ALDO DA ROSA 77
3:54.84 PAUL CRAGO 74	3:01.48 EDWARD NAKAMURA 79	39.97 ALDO DA ROSA 77	1:30.79 ROBERT CHRISTIANS 79
3:58.81 DOUG STRONG 70	3:02.54 JERRY SIEFERT 77	40.32 PAUL KRUP 77	1:32.20 RICHARD SMITH 75
4:00.46 BERTIL SANDQUIST 74	500 YD. FREE M E N 75-79	40.60 BIRCH DAVIDSON 76	1:32.38 PAUL KRUP 77
4:08.18 ALEX MCINTOSH 71	7:00.88 RAY TAFT 95	40.93 RAYMOND TAFT 75	1:34.14 NORRIS FLUKE 77
4:13.68 RICHARD EVANS 70	7:00.88 RAYMOND TAFT 75	43.78 BRUD CLEVELAND 77	1:35.47 JERRY SIEFERT 77
100 YD. I.M. M E N 70-74	7:19.65 ALDO DA ROSA 77	45.34 A.W. HOLDEN 75	200 YD. I.M. M E N 75-79
1:11.72 FRANK PIEMME 95	7:34.19 STEVE CARLSON 75	45.86 EDWIN WOLPAW 79	2:54.67 RAYMOND TAFT 95
1:11.72 FRANK PIEMME 70	7:35.56 RICHARD SMITH 75	46.57 DON GINGRAS 75	2:54.67 RAYMOND TAFT 75
1:14.58 PAUL HUTINGER 70	8:07.91 ROBERT JOHNSTON 78	46.57 WALLACE SAWHILL 75	3:09.93 ALDO DA ROSA 77
1:18.42 KEITH CARTER 70	8:09.02 NORRIS FLUKE 77	46.66 MURRAY EAGER 78	3:13.43 GERALD HUESTIS 75
1:19.67 ROGERS HOLMES 73	8:13.98 DICK GUIDO 77	100 YD. BRST M E N 75-79	3:17.68 ANTON CERER 78
1:20.97 JURGEN SCHMIDT 72	8:23.68 LYNN SURLS 77	1:25.80 ALDO DA ROSA 93	3:19.72 RICHARD SMITH 75
1:22.70 BOB MERRICK 74	8:34.12 BILL ODMAN 75	1:29.30 ALDO DA ROSA 77	3:25.86 NORRIS FLUKE 77
1:23.33 EDWARD RUDLOFF 71	8:44.91 NORMAN SKJERSAA 79	1:32.24 GERALD HUESTIS 75	3:38.40 WALLACE SAWHILL 75
1:24.68 JOHN WOODS 71	1000 YD. FREE M E N 75-79	1:32.59 RAYMOND TAFT 75	3:39.74 DAVID MULLIKEN 76
1:24.93 RAYMOND HAKOMAKI 74	14:14.46 RAY TAFT 95	1:33.68 PAUL KRUP 77	3:42.04 EARL MCCULLOUGH 79
1:25.78 JOHN EMANUEL 70	14:14.46 RAYMOND TAFT 75	1:38.29 BRUD CLEVELAND 77	3:54.96 GEORGE RAFTER 75
200 YD. I.M. M E N 70-74	15:24.18 ALDO DA ROSA 77	1:42.38 E.DON MCCULLOUGH 79	400 YD. I.M. M E N 75-79
2:47.68 BIRCH DAVIDSON 89	15:48.50 DAVID MULLIKEN 76	1:46.20 BUD JACKSON 75	6:21.48 RAYMOND TAFT 95
2:48.91 FRANK PIEMME 70	16:52.12 RICHARD GUIDO 77	1:46.47 MURRAY EAGER 78	6:21.48 RAYMOND TAFT 75
2:54.03 PAUL HUTINGER 70	17:07.16 ROBERT JOHNSTON 77	1:47.28 ROBERT JOHNSTON 78	7:01.08 ALDO DA ROSA 77
2:55.84 LEE ARTH 70	17:13.46 NORRIS FLUKE 77	1:53.90 BILL EIBL 77	7:16.35 RICHARD SMITH 75

TOP TEN SHORT COURSE YARDS

8:02.33 DAVID MULLIKEN 76	39.51 EDWARD SHEA 80	1:16.03 ROY BODINE 84	1650 YD. FREE M E N 85-89
8:05.29 E.DON MCCULLOUGH 79	47.49 HANS KOLB 80	1:17.75 OTTO HAHN 82	31:02.36 GUS LANGNER 90
8:59.12 WILLIAM JOHNSTON 76	48.00 JOHN WITTIER 80	1:20.09 RICHARD KANE 83	36:12.21 CHARLES WOOD 86
9:00.50 JOHN JOHNSTON 79	48.27 FRANK TILLOTSON 80	1:34.06 GEORGE WHITE 80	50 YD. BACK M E N 85-89
13:21.76 MEL ANDERSON 76	48.83 WOODY BOWERSOCK 81	1:55.06 HENRY STEINBISS 82	51.65 JIM PENFIELD 94
*****	49.13 WILLIAM GRANT 81	2:06.50 ELMER PIERCE 80	52.48 D DOTTERWEICH 86
50 YD. FREE M E N 80-84	50.85 JACK MATTINGLY 81	100 YD. FLY M E N 80-84	53.90 JIM PENFIELD 86
31.09 WOODROW BOWERSOCK94	51.76 DEXTER WOODFORD 81	1:39.74 WALTER PFEIFFER 94	58.15 WILLIAM MARQUETTE 86
32.22 WOODY BOWERSOCK 81	52.06 RAYMOND EDELHOFF 82	1:57.67 WILLIAM GRANT 81	1:00.38 PETER JURCZYK 89
34.73 EDWARD NAKAMURA 80	52.76 SYD HENDY 81	2:07.86 JESSE COON 84	1:03.65 ROLAND VANLILL 88
35.24 WILLIAM GRANT 81	100 YD. BACK M E N 80-84	2:15.70 JACK MATTINGLY 81	100 YD. BACK M E N 85-89
38.05 DEXTER WOODFORD 80	1:28.56 EDWARD SHEA 95	2:39.16 ROY BODINE 84	1:54.21 PETER JURCZYK 90
38.29 GENE CROSSETT 81	1:27.58 EDWARD SHEA 80NV	2:58.44 GEORGE WHITE 80	1:53.08 D DOTTERWEICH 86NV
38.91 FRANK BELLAIRE 84	1:44.34 HANS KOLB 80	3:01.62 C.J. HAMILTON 81	3:09.59 ABRAHAM OLANOFF 89
38.97 HAROLD SEXTON 80	1:49.49 FRANK TILLOTSON 80	200 YD. FLY M E N 80-84	200 YD. BACK M E N 85-89
39.22 JOHN WITTIER 80	1:50.63 WILLIAM GRANT 81	3:54.09 WALTER PFEIFFER 94	4:13.75 JIM PENFIELD 93
39.68 DOC SCHOFIELD 80	1:51.92 WALTER SOMPAYRAC 81	5:17.95 JESSE COON 84	NO SWIMMERS
39.98 JACK MATTINGLY 81	1:54.14 WOODY BOWERSOCK 81	6:01.84 C.J. HAMILTON 81	50 YD. BRST M E N 85-89
100 YD. FREE M E N 80-84	1:55.62 JOHN WITTIER 80	7:42.08 RICHARD KANE 83	52.09 JIM PENFIELD 93
1:12.18 WOODROW BOWERSOCK94	2:00.06 SYD HENDY 81	100 YD. I.M. M E N 80-84	51.83 DAN DOTTERWEICH 86NV
1:16.91 WOODY BOWERSOCK 81	2:09.83 ROY BODINE 83	1:34.75 WALTER PFEIFFER 94	52.30 JIM PENFIELD 86
1:20.63 EDWARD NAKAMURA 80	2:12.88 C.J. HAMILTON 81	1:09.10 JACK MATTINGLY 81NV	1:19.75 ABRAHAM OLANOFF 89
1:25.03 WILLIAM GRANT 81	200 YD. BACK M E N 80-84	1:42.21 WILLIAM GRANT 81	1:33.29 JOHN MAXWELL 86
1:26.72 DEXTER WOODFORD 80	3:12.35 EDWARD SHEA 95	1:45.38 WOODY BOWERSOCK 81	1:41.25 RALPH HOYLE 85
1:28.30 GENE CROSSETT 81	3:12.35 EDWARD SHEA 80	1:58.05 JESSE COON 84	100 YD. BRST M E N 85-89
1:28.90 JACK MATTINGLY 81	3:49.39 HANS KOLB 80	1:59.10 FRANK TILLOTSON 80	2:03.10 JIM PENFIELD 93
1:29.34 HAROLD SEXTON 80	3:50.81 CHARLES SALIE 82	2:11.02 WALTER SOMPAYRAC 81	2:00.27 D. DOTTERWEICH 86NV
1:29.44 JOHN WITTIER 80	3:51.59 DEXTER WOODFORD 81	2:19.81 C.J. HAMILTON 81	2:14.35 JIM PENFIELD 86
1:36.36 FRANK BELLAIRE 84	4:00.48 FRANK TILLOTSON 80	2:20.00 ROY BODINE 84	3:48.91 RALPH HOYLE 85
1:36.56 KERMIT HOTVEDT 80	4:05.25 WALTER SOMPAYRAC 81	2:23.94 GEORGE WHITE 80	200 YD. BRST M E N 85-89
100 YD. FREE M E N 80-84	4:06.22 WOODY BOWERSOCK 81	2:29.74 OTTO HAHN 81	4:34.29 AL KALLUNKI 90
2:49.94 KELLEY LEMMON 92	4:20.96 WILLIAM GRANT 81	200 YD. I.M. M E N 80-84	5:08.82 JIM PENFIELD 87
3:03.41 DEXTER WOODFORD 81	4:22.42 SYD HENDY 81	3:33.66 WALTER PFEIFFER 94	50 YD. FLY M E N 85-89
3:05.24 EDWARD NAKAMURA 80	4:40.32 JOHN WITTIER 80	4:17.93 WILLIAM GRANT 81	56.03 JIM PENFIELD 93
3:18.69 WOODY BOWERSOCK 81	50 YD. BRST M E N 80-84	4:18.50 JACK MATTINGLY 81	58.28 JIM PENFIELD 86
3:22.39 GENE CROSSETT 81	41.39 KELLEY LEMMON 92	4:29.95 JESSE COON 84	100 YD. FLY M E N 85-89
3:28.18 HAROLD SEXTON 80	45.72 JERRY EVERALL 80	5:19.70 C.J. HAMILTON 81	2:32.32 HERB EISENSCHMIDT92
3:28.72 WILLIAM GRANT 81	49.54 EDWARD NAKAMURA 80	5:25.82 EDWARD SLEZAK 80	NO SWIMMERS
3:32.69 JOHN WITTIER 80	51.08 WILLIAM GRANT 81	7:15.00 HENRY STEINBISS 82	100 YD. I.M. M E N 85-89
3:35.06 DES SESSINGHAUS 80	55.20 RAYMOND EDELHOFF 82	400 YD. I.M. M E N 80-84	2:00.04 AL KALLUNKI 90
3:43.00 FRED WALBOLT 82	56.90 WOODY BOWERSOCK 81	7:38.27 WALTER PFEIFFER 94	2:00.16 JIM PENFIELD 86
3:46.96 KERMIT HOTVEDT 80	57.27 ELMER PIERCE 80	9:38.63 WILLIAM GRANT 81	3:06.13 ABRAHAM OLANOFF 89
500 YD. FREE M E N 80-84	1:00.29 FRANK TILLOTSON 80	13:12.09 RICHARD KANE 83	200 YD. I.M. M E N 85-89
8:00.65 DEXTER WOODFORD 94	1:03.13 JOHN GLENN 84	*****	4:40.51 TOM CURETON 87
8:21.16 DEXTER WOODFORD 81	1:04.35 GEORGE BATKI 82	50 YD. FREE M E N 85-89	NO SWIMMERS
8:43.37 EDWARD NAKAMURA 80	1:06.19 EVERETT CASSELL 81	36.91 GERSON SOBEL 95	400 YD. I.M. M E N 85-89
9:03.65 HAROLD SEXTON 80	100 YD. BRST M E N 80-84	36.91 GERSON SOBEL 85	9:47.85 HERB EISENSCHMIDT92
9:10.92 GENE CROSSETT 81	1:32.72 KELLEY LEMMON 92	40.28 DAN DOTTERWEICH 86	NO SWIMMERS
9:13.35 WOODY BOWERSOCK 81	1:38.70 JERRY EVERALL 80	44.34 JIM PENFIELD 86	*****
10:05.19 WILLIAM GRANT 81	2:01.96 WILLIAM GRANT 81	48.96 WILLIAM MARQUETTE 86	50 YD. FREE M E N 90-94
10:05.71 FRED WALBOLT 82	2:14.32 EDWARD SLEZAK 80	49.84 JOHN MAXWELL 86	46.53 JOSEPH REINERS 92
10:21.18 TREVOR ROE 80	2:17.46 C.J. HAMILTON 81	51.03 CHARLES WOOD 86	47.94 GUS LANGNER 91
10:36.20 DOC SCHOFIELD 80	2:19.88 FRANK TILLOTSON 80	53.94 DAVID MC AFEI 85	50.74 JOE KAUFMAN 90
11:04.86 GEORGE BAUMAN 80	2:23.37 LARRY HART 83	59.33 JOSEPH COSS 85	100 YD. FREE M E N 90-94
1000 YD. FREE M E N 80-84	2:30.74 JOHN GLENN 84	1:10.46 RALPH HOYLE 85	1:49.69 GUS LANGNER 95
16:53.27 DEXTER WOODFORD 94	2:32.50 GEORGE WHITE 80	100 YD. FREE M E N 85-89	1:49.69 GUS LANGNER 91
17:19.03 DEXTER WOODFORD 81	2:33.57 RAYMOND EDELHOFF 82	1:25.24 GERSON SOBEL 95	2:02.02 JOE KAUFMAN 90
19:09.59 WOODY BOWERSOCK 81	2:33.93 GEORGE BAUMAN 80	1:25.24 GERSON SOBEL 85	2:15.39 ANDREW KALLUNKI 91
19:18.12 GENE CROSSETT 81	200 YD. BRST M E N 80-84	1:48.41 DAVID MCAFFEE 85	200 YD. FREE M E N 90-94
20:12.03 DOC SCHOFIELD 80	3:43.98 WALTER PFEIFFER 94	1:54.46 CHARLES WOOD 86	3:52.04 GUS LANGNER 93
21:42.01 TREVOR ROE 80	3:55.20 JERRY EVERALL 80	2:14.22 JOHN MAXWELL 86	4:06.33 GUS LANGNER 91
26:06.90 RICHARD KANE 83	4:22.76 DEXTER WOODFORD 81	2:18.72 JOSEPH COSS 85	4:26.98 JOE KAUFMAN 90
27:50.21 EDWARD SLEZAK 80	4:45.82 C.J. HAMILTON 81	2:38.01 RALPH HOYLE 85	5:31.05 A.KALLUNKI 91
27:59.77 RAY JOHNSON 80	4:47.57 EDWARD SLEZAK 80	200 YD. FREE M E N 85-89	500 YD. FREE M E N 90-94
30:19.39 RICHARD TURNER 83	5:19.44 GEORGE BAUMAN 80	3:17.83 GUS LANGNER 90	10:20.59 GUS LANGNER 93
32:12.73 LOUIS ROSENAUR 81	5:51.78 EVERETT CASSELL 81	3:25.09 GERSON SOBEL 85	11:18.89 GUS LANGNER 91
1650 YD. FREE M E N 80-84	5:56.58 JERRY DONOVAN 81	4:04.43 CHARLES WOOD 86	1000 YD. FREE M E N 90-94
27:57.27 DEXTER WOODFORD 94	6:04.29 JOHN GLENN 84	4:38.76 PETER JURCZYK 89	24:18.33 GUS LANGNER 95
31:44.18 DES SESSINGHAUS 80	6:22.62 OTTO HAHN 81	5:07.19 JOSEPH COSS 85	24:18.89 GUS LANGNER 91
31:50.03 GARY WEISENTHAL 81	6:29.35 HENRY STEINBISS 82	500 YD. FREE M E N 85-89	1650 YD. FREE M E N 90-94
32:33.70 HERBERT HOWE 82	50 YD. FLY M E N 80-84	9:00.31 GUS LANGNER 90	35:31.28 GUS LANGNER 93
36:13.86 TREVOR ROE 80	40.94 JESSE COON 90	10:57.60 CHARLES WOOD 86	NO SWIMMERS
43:20.85 GEORGE WHITE 80	44.85 WILLIAM GRANT 81	12:25.62 JIM PENFIELD 86	50 YD. BACK M E N 90-94
44:35.12 RICHARD KANE 83	46.93 JACK MATTINGLY 81	1000 YD. FREE M E N 85-89	1:04.28 JOE KAUFMAN 95
50 YD. BACK M E N 80-84	49.99 WOODY BOWERSOCK 81	18:18.29 GUS LANGNER 89	1:04.28 JOE KAUFMAN 90
39.51 EDWARD SHEA 95	50.16 JESSE COON 80	NO SWIMMERS	1:05.06 ANDREW KALLUNKI 91

TOP TEN SHORT COURSE YARDS

1:15.33	GUS LANGNER	91
100 YD. BACK M E N 90-94		
2:18.42	JOE KAUFMAN	95
2:18.42	JOE KAUFMAN	90
2:46.80	GUS LANGNER	91
2:50.66	ANDREW KALLUNKI	91
200 YD. BACK M E N 90-94		
4:59.64	JOE KAUFMAN	95
4:59.64	JOE KAUFMAN	90
50 YD. BRST M E N 90-94		
1:08.24	ANDREW KALLUNKI	94
1:13.52	GUS LANGNER	91
1:14.48	ANDREW KALLUNKI	91
100 YD. BRST M E N 90-94		
2:37.23	ANDREW KALLUNKI	95
2:37.23	ANDREW KALLUNKI	91
2:43.79	GUS LANGNER	91
200 YD. BRST M E N 90-94		
6:00.90	ANDREW KALLUNKI	94
6:09.46	GUS LANGNER	91
100 YD. I.M. M E N 90-94		
2:41.43	ANDREW KALLUNKI	95
2:41.43	ANDREW KALLUNKI	91
2:49.56	GUS LANGNER	91
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		

50 YD. FREE M E N 100-104		
1:31.03	TOM LANE	94
1:31.03	TOM LANE	100
3:48.29	EDWIN THOMAS	101
100 YD. FREE M E N 100-104		
3:21.86	TOM LANE	94
3:21.86	TOM LANE	100
200 YD. FREE M E N 100-104		
6:56.32	TOM LANE	94
6:56.32	TOM LANE	100

TOP TEN SHORT COURSE YARDS

*****		GOLD		1:41.96	MINDY HAMWAY	36	DEBORAH PECKHAM	55
RELAYS: WOMEN 200 YD. FREE		HEATHER HAWTHORNE		29	C-1776	1:52.51	BARBARA DUNBAR	46
*****		JAMIE HERRINGTON		29	MAUREEN KILGARIFF	37		
19 +		DIANNE BRAVIS		26	PATRICIA TIMMINS	41	55 +	
R:HOLMES LUMBER 92		LORRAINE PERKINS		25	DOT MUNGER	43	R:D.C. MASTERS 95	2:04.38
KIMBERLY BEATTIE		VMST		1:42.63	APRIL LONG	35	BARBARA ZAREMSKI	
MARY ROEBUCK		BARBARA BISHOP		32	CONN	1:52.56	BETTY BREY	
LINDA NEARY		CLAI BOLEK		31	MAUREEN BARRE	37	JOANN LEILICH	
SUDI MILLER		ROBIN HAMPTON		28	CHRISTIE SLIMAK	47	JAYNE BRUNER	
TEXS		ALICE PHILLIPS		29	DONNA NEARY	39	DCM	2:04.38
BRIGITTE HEUER		TXAM		1:43.11	JOANN MITCHELL	45	BARBARA ZAREMSKI	57
SHERRI PHEGLEY		KARLENE WISE		41	NEM	1:52.67	BETTY BREY	63
HEATHER GRADY		DARBY ELLEMAN		34	TRACY GRILLI	38	JOANN LEILICH	56
STACY JONES		CARMEN BRUN		28	ANN MCDERMOTT	40	JAYNE BRUNER	61
LBSC		S.NEILSON-BELL		39	KIM GOODWIN	37	NEM	2:07.83
LYNN WITTSTOCK		GAKW		1:43.43	KARLA BLACK	39	CLARA WALKER	68
MAUREEN MENDOZA		TARYN GILLIKIN		29	GOLD	1:53.83	HARRIET FORKEY	62
TERESA HOLLEY		KIMBERLY ELSBACH		32	GAIL RICE	38	CLAIRE O'BRIEN	56
KATHY STUPPY		LINDLEY DOUGHTY		36	DEBBIE CAVANAUGH	37	DIANE REED	64
STAN		LIESA BENN		29	LISA SHOPE	36	GOLDCOAST	2:25.33
KANA SHIBUYA		C-1776		1:43.92	KAREN MCLARTY	38	A. MCGUIRE	60
C.CHICHESTER		ALYSON CHICK		32			J. KRAUSER	68
MARTIE MCKINNEY		LOUISE BUCKLEY		28	45 +		B. TUCKER	60
EILEEN WALL		SUSAN FLYNN		32	R:LOS ALTOS 94	1:53.98	C. BRUCE	66
WCM		BRENDA BARTLETT		34	ARLENE PROEBSTING		SPM	2:25.59
MARSHA TRACHI		PLANTATION		1:44.14	SUSAN ROY		B. KNIGHT-PERRY	59
KAREN HEARD		SUSAN MENDEZ		32	KRISTINA KING		F. CARR	69
PAMELA BOSCOVICH		CARRIE FLEMING		26	CAROLYN BOAK		B. ALLEN	61
MARJORIE DEAN		VERONICA DONOHUE		29	IM	1:56.12	J. LAMBKE	55
ARIZ		KARIN SPENCE		28	MARY POHLMANN	50	SAN DIEGO SWIM	2:26.65
DIANNE WYGAL		RMM		1:44.32	BETTY BENNETT	52	BETSY JORDAN	58
COLLEEN JEFFERIES		SHEILA ARREDONDO		30	IRENE DAVID	51	BOBBI TURCOTTE	67
RANE SMITH		KATHY GARNIER		34	CYNTHIA JONES	45	ADRIENNE PIPES	60
SARAH ANDERSON		RANDA WYATT		32	NEM	1:57.27	JEANNE LITTLE	58
TOC		JUDY NELSON		34	SUSAN MAGUIRE	46	NORTH CAROLINA	2:31.03
DANIELLE OGIER		DCM		1:46.61	CONSTANCE SASSER	48	DAWN STROUPE	56
ELAINE WEIGAND		BETH O'CONNOR		34	EVELYN HAUSBERGER	51	ALICE JONES	56
MARGUERITE MEYER		CHERYL CONLIN		27	SUE TENDY	46	SANDRA KREMER	58
LYNN JOLLY		LINDA HENRY		33	C-1776	1:58.54	SALLY NEWELL	57
CONN		BRENDA BUTKE-BREY		33	J.GREULICK-BYRON	45	MARYLAND	2:32.03
CYNTHIA WATTS		35 +			BARBARA HOELLEN	52	MARJORIE PEARSALL	56
HEATHER O'BRIEN		R:NEW ENGLAND 95		1:42.61	STEPHANIE WALSH	45	JILL COLEMAN	64
JILL LEMONE		JENNIFER LUKER			C.SCHROEDER	46	FRANCES WESTON	55
KRISTINE STORY		JOEL FELDMANN			GOLD	2:02.32	FRANCES HAYWOOD	63
NCMS		CONSTAN HALLETT			SANDRA BRUCKNER	48	OJAI-SANTA BARB	2:39.83
TIA PARDUE		GAYLE WETTACH			B.EDELMAIER	48	MALCHIA OLSHAN	64
CHRISTINE HOLMAN		NEM		1:42.61	MERRELL WILLIAMS	45	JAN RAINS	61
MELINDA FINLEY		JENNIFER LUKER		38	CATHY MANCINO	45	SYLVIA GLENN	57
JEANNIE MITCHELL		JOEL FELDMANN		43	DCM	2:04.07	GRACE ALTUS	71
OREGON		CONSTANCE HALLETT		36	NANCY KIRKENDALL	52	COAST MASTERS	2:52.83
GRACIE GODDARD		GAYLE WETTACH		38	E.MCCORKLE	45	MAURINE KORNFELD	73
MICHELLE BROWN		MARY		1:45.30	BARBARA FRID	53	KATHY DIXON	67
KIRSTIAN BRANCH		ZENA HERRMANN		35	ANN LYTTLE	47	GLORIA MARIENTHAL	70
LISA DAVIS		KATHERINE BRANCH		37	RMM	2:04.52	MARGO BOUER	59
GOLD COAST		JILL SPRINGER		36	JUDY REED	51	ACME	3:21.97
JENNIFER ROBERTS		ELAINE FINCHAM		40	JEAN WOOD	47	LOIS MADSEN	62
JAMIE HERRINGTON		MICH		1:48.19	J.MURPHY-SHERMAN	50	SHIRLEY KOCH	62
TINA WEATHERBIE		PAT LEAHY-ROHNER		35	ANNE OAKLEY	49	MILDRED KARGER	66
MICHELLE HAMMONS		CASSANDRA GARRY		40	CONN MASTERS	2:07.75	RITA COSTELLO	72
25 +		PASCALE ASBURY		35	JOANN MITCHELL	45	65 +	
R:LONE STAR 89		MARILYN EARLY		37	ANN LOUISE ONTON	51	R:GOLD COAST 95	2:17.37
LISA JACKSON		VMST		1:49.40	MEREDITH MOORE	45	BLANCHE GRAVER	
BRIGITTE HEUER		LINDA FOURNIER		36	CHRISTIE SLIMAK	47	JUNE KRAUSER	
L.MORRISON-CASEY		TERRY GAULT		44	SPM	2:08.80	MARGARE TIMMINS	
AMY PLESS		HEATHER STEVENSON		35	ELAINE BROMWICH	52	MARGARET TIMMINS	
RMM		LISA BENNETT		39	M.EVERY	54	CYNTHIA BRUCE	
COLLETTE SAPPEY		DCM		1:51.60	LESLIE TREAT	46	GOLD	2:17.37
CHRISTY LIPSON		CINDY ECKERT		36	JAYNE LAMBKE	55	BLANCHE GRAUER	67
RENATE SCHMIDT		ANITA CALLAHAN		37	DAM	2:10.20	JUNE KRAUSER	68
ANNA PETTIS SCOTT		ROSANNA SIKORA		39	BETTY DUGAN	53	MARGARET TIMMINS	65
WCM		SUSAN SKIFF		40	PATTI GAY	65	CYNTHIA BRUCE	67
MICHELLE GHIGGERI		WCM		1:51.71	GAYLE BONDURANT	48	HLJ	2:57.11
PAULA ROEMER		PATTY LANDERS		38	SUSAN MUNN	56	G. ZINT	77
PENNY LEACH		DEBBIE FLANSBURG		39	SAN DIEGO SWIM	2:10.82	J. GLARATON	67
WENDY INGRAHAM		ANNE BERBERI		39	BETSY JORDAN	58	J. REYNOLDS	73
					LYNNE LUND	54	J. BEERS	72

TOP TEN SHORT COURSE YARDS

O*H*I*O MASTERS	3:08.34	KRISTINE STORY	32	JOEL FELDMANN	43	NEM	2:21.11
JOAN HOFFMANN	65	VMST	1:59.74	KIM GOODWIN	37	EVELYN HAUSBERGER	51
MARY CULHANE	73	KRISTEN KIRKMAN	24	JENNIFER LUKER	38	AAGJE CARON	53
SYLVIA HILL	74	LESLIE CALLENDER	26	GAYLE WETTACH	38	SUSAN MAGUIRE	46
BETTY RUSS	68	MOLLY DEAN	29	MARY	2:01.07	SUE TENDY	46
WCM	3:08.56	CLAI BOLEK	31	ZENA HERRMANN	35	VMST	2:22.94
JAE HOWELL	72	EMP	2:00.15	ELAINE FINCHAM	40	JUDY MARTIN	52
SALLY JOY	78	CAROLYN DRAKE	23	JILL SPRINGER	36	JOHNNIE DETRICK	59
JEAN DURSTON	80	CHERYL KUPAN	30	KATHERINE BRANCH	37	NANCY MILLER	45
BETTY BARABASH	66	MARGARET MORTELL	31	UTAH	2:01.35	LUCILLE GRIFFIN	56
PNA	3:56.01	ELAINE YOUNG	30	CATHY PHILPOT	38	SPM	2:24.10
MAXINE CARLSON	75			LO KNAPP	40	P. STGERMAIN	52
MARYAN BURKE	69	25 +		ROBYNN MASTERS	36	A. PAGE	46
PAT MATTHIESEN	78	R:HOUSTONIAN	91 1:49.19	SHARON ODELL	42	L. TREAT	46
LEE HOLM	80	TORI SMITH		WCM	2:04.56	M. VANEVERY	54
OREGON	4:15.50	CORRIN CONVIS		PATTY LANDERS	38	NCMS	2:25.28
ELFIE STEVENIN	73	DEBBIE RISEN		CHARLENE OEBRIEN	38	JEANNIE MITCHELL	48
HELENA HOFFMAN	79	BRIGITTE HEVER		DEBBIE FLANSBURG	39	SALLY NEWELL	57
JUDY MELCHER	74	RMM	1:50.79	MINDY HAMWAY	36	ALICE JONES	56
LOIS ALLAN	71	SHELLE BOTTA	30	VMST	2:04.67	SANDRA CATHEY	46
		TIFFANY FORBES	28	LINDA FOURNIER	36	DCM	2:25.36
75 +		ANNA PETTIS SCOTT	32	LISA BENNETT	39	NANCY KIRKENDALL	52
R:D.C. MASTERS	94 3:21.12	COLLETTE SAPPEY	30	TERRY GAULT	44	JUDY MICHEL	48
ANNE WALKER		VMST	1:57.29	HEATHER STEVENSON	35	BARBARA FRID	53
MARY LATHRAM		ROBIN HAMPTON	28	C-1776	2:05.69	ANN LYTTLE	47
JEAN CHENAUX		PATRICIA POWIS	34	MAUREEN KILGARIFF	37	MARYLAND	2:29.20
NANCY CLARK		BARBARA BISHOP	32	DOT MUNGER	43	MARTI BETZ	45
NO RELAY TEAMS		ALICE PHILLIPS	29	APRIL LONG	35	KAREN WILLIAMS	47
*****		GAKW	1:57.89	PATRICIA TIMMINS	41	VIKI ALTOMONTE	45
RELAYS: WOMEN 200 YD. MEDLEY		LINDLEY DOUGHTY	36	MICH	2:05.88	SALLY ILIFF	49
*****		LIESA BENN	29	MARILYN EARLY	37		
19 +		TARYN GILLIKIN	29	PASCALE ASBURY	35	55 +	
R:RALEIGH	92 1:52.20	ANDRA OZOLING	35	PAT LEAHY-ROHNER	35	R:D.C.MASTERS	95 2:22.03
COURTNEY SEARCY		SANTA CLARA	1:58.05	CASSANDRA GARRY	40	JAYNE BRUNER	
LISA BROWN		LAURA VAL	43	DCM	2:06.01	JOANN LEILICH	
SHELLIE JOANIS		KATHRIN LAMMERS	25	SUSAN SKIFF	40	BETTY BREY	
JILL BENDA		LISA HAZEN	30	MARCIA READ	40	BARBARA ZAREMSKI	
TEXS	1:53.99	CHELSEA KNAPP	25	CINDY ECKERT	36	DCM	2:22.03
STACY JONES	29	TXAM	1:59.00	LINDA CUNNINGHAM	36	JAYNE BRUNER	61
BRIGITTE HEUER	35	DEBORAH STARR	38	GOLD	2:06.10	JOANN LEILICH	56
HEATHER GRADY	24	CARMEN BRUN	28	DEBBIE CAVANAUGH	37	BETTY BREY	63
AIMEE QUARATINO	25	KARLENE WISE	41	BARBARA ALAVI	42	BARBARA ZAREMSKI	57
STAN	1:54.14	DARBY ELLEMAN	34	GAIL RICE	38	RINCONADA	2:35.20
MARTIE MCKINNEY	30	WCM	1:59.00	TRICIA HOLM	35	ANN KAY	61
EILEEN WALL	37	PAM BOSCOVICH	32	CONN	2:06.36	CAROL MACPHERSON	56
C.CHICHESTER	31	S.SOTELLO-OSBORNE	34	MAUREEN BARRE	37	BOBBIE CALLISON	62
KANA SHIBUYA	23	C.MCNAMARA-LEWIS	34	CHRISTIE SLIMAK	47	SUSAN SPRINGER	56
LBSC	1:54.84	MICHELLE GHIGGERI	25	DONNA NEARY	39	NEM	2:42.13
LYNN WITTSTOCK	32	WCM	1:59.14	JOANN MITCHELL	45	MARIAN COAKLEY	57
MAUREEN MENDOZA	34	PENNY LEACH	32			CLAIRE O'BRIEN	56
KATHY STUPPY	24	KIM MORGAN	28	45 +		HARRIET FORKEY	62
TERESA HOLLEY	41	MARY MCGERVEY	28	R:COLONIAL-1776	95 2:09.99	DIANE REED	64
UNIV. OF SAN FR	1:55.46	LIZ SEYMORE	26	CECELIA MCCLOSKEY		GOLDCOAST	2:42.38
JILL ROTHKOPF	28	C-1776	1:59.43	J.GREYLICK-BYRON		C. BRUCE	66
LORETTA SOFFE	28	SUSAN FLYNN	32	STEPHANIE WALSH		J. KRAUSER	68
PAM FRANKLIN	25	MELANIE JAMES	25	C.SCHROEDER	2:09.99	A. MCGUIRE	60
LISA SUMMERS	24	LOUISE BUCKLEY	28	C-1776		B. TUCKER	60
WCM	1:56.18	ALYSON CHICK	32	CECILIA MCCLOSKEY	45	SPM	2:42.75
KATHLEEN HARTNETT	24	NORTH CAROLINA	2:00.37	J.GREULICK-BYRON	45	BARBARA ALLEN	61
KAREN HEARD	24	LISA NADLER	36	STEPHANIE WALSH	45	SANDY STEER	55
SUSAN VAN SICKLE	23	WENDY GILMAN	28	C.SCHROEDER	46	JAYNE LAMBKE	55
ANN OBERG	23	PAMELA LINDROOS	29	IM	2:17.35	FLORENCE CARR	69
GRIN	1:57.67	SHEREEN BARRY	32	MARY POHLMANN	50	WCM	2:43.11
TRISCHA ZORN	30	MARYLAND	2:00.42	CATHERINE QUILL	45	MIDGE KRAETZER	56
E.MALKEMUS	25	SUSAN JONES	28	IRENE DAVID	51	ANN PISCIOTTA	64
MARYANN STEVENS	41	JAMIE GORSKI	34	CYNTHIA JONES	45	JOAN ALEXANDER	64
LORI SPEAKMAN	22	JILL SPRINGER	36	SNM	2:18.76	DONNA MONROE	61
TOC	1:57.80	DEBBIE SANSONE	25	SARAH TYLER	50	UNIV. OF SAN FR	2:48.36
DANIELLE OGIER	42			SALLY DILLON	48	TANAKO HAGIWARA	56
ELAINE WEIGAND	23	35 +		SUSAN TYLER	46	NANCY STRETCH	55
LYNN JOLLY	29	R:NEW ENGLAND	95 1:57.24	CELESTE MILLER	45	GAIL ROPER	65
MARGUERITE MEYER	36	JOEL FELDMAN		GOLD COAST	2:20.23	CAROL REQUADT	57
CONN	1:58.56	KIM GOODWIN		B.ADELMAIER	48	MARY	2:50.93
HEATHER O'BRIEN	24	JENNIFER LUKER		ANNE MCGUIRE	60	FRANCES HAYWOOD	63
JILL LEMONE	28	GAYLE WETTACH		CATHY MANCINO	45	JILL COLEMAN	64
CYNTHIA WATTS	33	NEM	1:57.24	MERRILL WILLIAMS	45	NANCY BROWN	58

TOP TEN SHORT COURSE YARDS

IDA SHIFLETT	56	LUELLA HEATH	75	LIZ SEYMORE	26	GREATER COLUMBU	4:36.59
SAN DIEGO SWIM	2:59.48	LOIS ELLERT	80	PAM BOSCOVICH	32	LAURA WRIGHT	36
DIANA SILVA	73	AGOTA FROHS	75	MARY MCGERVEY	28	PAIGE LINSKER	42
ADRIENNE PIPES	60	SALLY RYCKMAN	83	MARGIE DEAN	26	CAROL CARROLL	49
BETSY JORDAN	58	*****		NORTH CAROLINA	3:55.63	ANDREA PALMER	35
BOBBI TURCOTTE	67	RELAYS: WOMEN 400 YD. FREE		SHEREEN BARRY	32	WEST HOLLYWOOD	4:40.31
C1776	3:01.18	*****		WENDY GILMAN	28	PHRANC GOTTLIEB	37
JEANNE MERRYMAN	72	19 +		LISA NADLER	36	MORRI SPANG	38
MARY WIXTED	73	R:U OF SAN FRAN 93	3:46.29	PAMELA LINDROOS	29	JESSICA SEATON	41
PATRICIA TULLMAN	58	JENNY TOTON		UNIV. OF SAN FR	3:56.48	ERIN CHILDS	36
BARBARA JOHNSON	62	CYNTHIA HINSHAW		ALISON WOHLUST	26	DAVIS AQUATIC	4:52.68
		JANET HAUER		S.WINCKLER	34	KRISTINE HARVEY	37
65 +		BRENDA WICKLUND		NATALIE EFFA	27	BARBARA MATHEWS	36
R:GOLD COAST 95	2:41.79	UNIV. OF SAN FR	3:48.78	SUZANNE MARTIN	29	DIANE STRONG	42
BLANCHE GRAUER		PAM FRANKLIN	25	NORTH CAROLINA	4:08.42	GAYLE BONDURANT	48
CYNTHIA BRUCE		C.FLORKOWSKI	27	ELLEN YOUNG	26	UNIV. OF SAN FR	4:54.20
JUNE KRAUSER		JILL ROTHKOPF	28	LESLIE BERENS	35	MICHELE SHIELDS	38
MARGARET TIMMONS		LISA SUMMERS	24	MELINDA FINLEY	28	NANCY CUTLER	41
GOLD	2:41.79	WCM	3:53.70	KRISTEN JOHNSTON	28	LINDA STANLEY	36
BLANCHE GRAUER	67	KAREN HEARD	24	WEST HOLLYWOOD	4:08.52	B.BRINKERHOFF	44
CYNTHIA BRUCE	67	SUSAN VAN SICKLE	23	ANDREA DEVUONO	32	ROLLING HILLS	4:56.84
JUNE KRAUSER	68	KATHLEEN HARTNETT	23	AMY DANTZLER	30	SUE VIRTA	39
MARGARET TIMMINS	65	ANNE OBERG	23	LISA BOVE	34	MAGGIE TEVIS	47
WCM	3:11.49	SANTA CLARA	3:55.96	E HALOUZKA	30	SUSAN ATAMANIUK	46
BETTY MCMILLAN	66	LAURA VIALE	19	SANTA CLARA	4:09.69	COKIE LEPINSKI	35
ELFRIEDE ROGERS	67	E.THUNEN-FRENCH	20	DIANA WHIPPLE	25	45 +	
JAE HOWELL	72	MICHELLE MCBRIDE	23	SUSIE BLAKE	29	R:DC MASTERS 93	4:21.71
BETTY BARABASH	66	LANA AVILA	24	MARY DOOLITTLE	27	RUTH BENNETT	
O*H*I*O MASTERS	3:18.00	DAVIS AQUATIC	4:00.25	EVE WALTON	33	BARBARA FRID	
MARY CULHANE	73	JEN LUNDMARK	28	GREATER COLUMBU	4:14.96	ANN SVANSON	
JOAN HOFFMANN	65	CRISSY SCHULTZ	23	DIANE CRAWFORD	28	ANN LYTTLE	
BETTY RUSS	68	MISSY LESTRANGE	42	ANNE O'KEEFE	35	LOS ALTOS	4:53.88
SYLVIA HILL	74	KENDY RADASKY	19	LORI ANN WILSON	30	SUSAN ROY	47
CONN MASTERS	3:21.70	STANFORD MASTER	4:01.11	T.FIGHTMASTER	31	CAROLYN BOAK	49
MARIE WICKLUN	81	MEG LLOYD	34	TAMALPAIS	4:15.13	DELLA SEHORN	67
JOAN CAMPBELL	65	KANA SHIBUYA	23	KATIE KELLY	25	CLARINE ANDERSON	59
NANCY PHILLIPS	73	JUDY HELLER	39	CINDY CLEMENTS	34	DAVIS AQUATIC	5:01.15
DOROTHY DONNELLY	73	C.CHICHESTER	31	CHRIS WINN	29	SUSAN MUNN	56
OJAI-SANTA BARB	3:23.44	RINCONADA	4:05.18	NANCY RIDOUT	53	GAYLE BONDURANT	48
PEGGY SANBORN	67	CHRIS KANAZAWA	28	LONG BEACH SWIM	4:22.43	BETTY DUGAN	52
ELEANOR BROWN	69	RACHEL GOLDEEN	27	LUCY JOHNSON	47	MARY HORTON	52
GRACE ALTUS	71	KAI CHING-CHA	24	KAREN CHRISTENSEN	31	UNIV. OF SAN FR	5:11.79
RUTH FARNHAM	65	JAMIE RAAB	24	LAURA MCDONALD	31	SUSAN ALLEN	50
HLJ	3:29.21	EMPIRE	4:11.55	SUSAN RINEHART	30	ANNE SASAKI	45
J. REYNOLDS	73	CHERYL KUPAN	30	35 +		JAN BREWER	45
J. GLARATON	67	LISA WEINSTEIN	31	R:UTAH 95	3:53.23	SUSAN LOMBARDI	46
G. ZINT	77	JILL COLLETT	24	ROBYNN MASTERS		STRAWBERRY CANY	5:16.93
J. BEERS	72	MARGARET MORTELL	30	CATHY PHILPOT		CAROL RIDDELL	47
COAST MASTERS	3:54.67	NORTH CAROLINA	4:12.20	CATHY COBURN		SILE CONVERY	46
MAURINE KORNFELD	73	L.VAN WELZEN	21	LO KNAPP		RITA TIDWELL	47
KATHY DIXON	67	CHRIS SEGAL	38	UTAH	3:53.23	SUSAN GARFIN	51
GLORIA MARIENTHAL	70	TIA PARDUE	24	ROBYNN MASTERS	36	OJAI-SANTA BARB	5:36.35
MADELEINE MILLER	84	SHARON BARRELL	33	CATHY PHILPOT	38	CAROLE BORLAND	51
PNA	4:28.40	VENICE MASTERS	4:14.72	CATHY COBURN	39	LESLIE OGDEN	48
MAXINE CARLSON	75	TERI ELLIS	26	LO KNAPP	40	VICTORIA MATTHEWS	51
MARYAN BURKE	69	NELL REGAN	24	WCM	4:02.74	ISSA AINSWORTH	48
PAT MATTHIESEN	78	MEREDITH TAKARA	25	PATTY LANDERS	38	WCM	5:45.03
LEE HOLM	80	CAROLE SHIGAKI	39	MINDY MAMWAY	36	JOAN SPANGLER	51
DCM	4:40.52	FOG CITY MASTER	4:16.09	CHARLENE OEBRIEN	38	SUSANNE ANGIOLI	46
RITA SHEPHARD	86	KATHERINE TRIGG	24	SUZANNE HEIM	36	J.DESBARATS	51
HEDY PULLMAN	83	AMY NOGA	23	LO KNAPP	40	MIDGE KRAETZER	56
MINNA HAMNER	72	ELKE HOFFMAN	23	SAN DIEGO SWIM	4:11.63	UNIV. OF SAN FR	6:14.07
RUTH THORSEN	75	STEPHANIE BEISER	26	MARILYN FINK	40	LAUREN CHAITKIN	50
				BARBARA DUNBAR	45	DOROTHY REMINGTON	49
75 +		25 +		BETH KNIGHT	35	BARBARA LAMBERTO	50
R:WALNUT CREEK 93	3:47.25	R:WALNUT CREEK 91	3:37.75	BETSY JORDAN	57	MARTHA CAMPBELL	46
FRIEDA SIDORSKY		CAREN LEWIS		UNIV. OF SAN FR	4:20.22	ST PETE	6:14.70
SALLY JOY		PAULA KOGNER		CATHY HUANG	40	M. LEE	53
MARY JAN REEVES		WENDY INGRAHM		BARBARA KLENKE	37	M. HUTINGER	55
JEAN DURSTON		SARA SHAND		CAROL BADGER	35	D. PROKOPI	59
SPM	4:52.71	WCM	3:50.85	LISA DANYLUK	35	F. CARR	69
M. MCKECHIE	90	PAULA ROEMER	34	WCM	4:36.23	55 +	
K. SCHIMPF	77	PENNY LEACH	32	KATHY BROWN	35	R:RINCONADA 95	5:05.08
W. KENNEDY	81	CAREN MCNAMARA	34	ANN BERBERI	39	BOBBIE CALLISON	
F. CICHANSKI	78	MICHELLE GHIGGERI	26	DEBBIE FLANSBURG	39		
RMM	5:01.79	WCM	3:55.16	JULIE MCKINLEY	37		

TOP TEN SHORT COURSE YARDS

CAROL MACPHERSON		AUDREY TIENNE	78	MARGE BURLEY	49	KATIE WELCH	
SUE SPRINGER		*****		ELAINE FINCHAM	39	CONN MASTERS	9:02.19
ANN KAY		RELAYS: WOMEN 400 YD. MEDLEY		BARBARA PROTZMAN	40	JILL LEMONE	28
RINCONADA	5:05.08	*****		GREATER COLUMBU	5:15.69	SIAN NIMKOFF	31
BOBBIE CALLISON	62	19 +		VICKI KING	39	TARA KELLY	34
CAROL MACPHERSON	56	R:U OF SAN FRAN 94	4:06.73	BOBBIE CORLEY	38	HEATHER O'BRIEN	24
SUE SPRINGER	56	KATIE WELCH		ANDREA PALMER	35	SE METRO	9:52.88
ANN KAY	61	JENNY TOLON		LAURA WRIGHT	36	MICHELLE FRINK	24
UNIV. OF SAN FR	5:36.01	PAM FRANKLIN		BOLT	5:58.47	SARA POLLARD	23
NANCY STRETCH	55	CYNTHIA HINSHAW		LINDA BUGNER	46	KIM MILLER	25
TANAKO HAGIWARA	56	BMSC	5:08.98	JANICE CAMPBELL	48	JEANNE WRIGHT	29
CAROL REQUADT	57	LORI NOSKOWIAK	30	VICKI BUCCINO	48	VENICE MASTERS	9:53.73
GAIL ROPER	65	CHRIS LOGAR	23	ELLEN HALL	43	CAROLE SHIGAKI	39
SAN DIEGO SWIM	5:50.06	MARILYN HEID	29	45 +		TERI ELLIS	26
BETSY JORDAN	58	J MCDONOUGH	46	R:D C MASTERS 93	5:08.96	C.SMITS-VAN OYEN	24
ADRIENNE PIPES	60	MARYLAND	5:19.10	BARBARA FRID		NELL REGAN	24
BOBBI TURCOTTE	67	GAIL KROVITZ	23	ANN LYTLE		CRAW	10:11.82
DIANA SILVA	73	TAMARA FISCHER	25	RUTH BENNETT		DENISE THOMPSON	22
WCM	5:51.48	LINDA WESTFALL	33	JOANN LEILICH		LINDA TUCKER	35
DONNA MONROE	61	CARLA MAZYCK	34	MARYLAND	6:32.96	JESS HULNIK	23
JOAN ALEXANDER	63	CRAW	5:20.19	KATHRYN GREGORY	48	MURIEL RABALAIS	26
SALLY MORNER	58	LINDA TUCKER	35	TESS BLOOMQUIST	50	25 +	
ANN PISCIOTTA	64	SANDY COLBY	32	FRANCES WESTON	54	R:WALNUT CREEK 91	8:13.04
OJAI-SANTA BARB	6:01.02	ROBIN ROBINSON	23	SALLY ILIFF	49	WENDY INGRAHM	
PEGGY SANBORN	67	HELEN CANE	39	OJAI-SANTA BARB	6:43.08	DEBBIE BARBER	
JAN RAINS	61	25 +		VICTORIA MATTHEWS	51	SUZY HANSEN	
SYLVIA GLENN	57	R:U OF SAN FRAN 92	4:09.85	ISSA AINSWORTH	48	SARA SHAND	
MALCHIA OLSHAN	64	JILL ROTHKOPF		CAROLE BORLAND	51	GREATER COLUMBU	9:26.55
DAVIS AQUATIC	6:43.75	BETHANNE LAMBERT		LESLIE OGDEN	48	DIANE CRAWFORD	28
PATTY GAY	65	LORETTA SOFFE		55 +		LORI ANN WILSON	30
CAROL CORNUTT	62	KELLY ASPLUND		R:RINCONADA 94	5:54.84	ANNE O'KEEFE	35
MARY ANN WILLIAMS	70	GREATER COLUMBU	4:42.35	ANN KAY		T.FIGHTMASTER	31
JOYCE HAWORTH	57	T.FIGHTMASTER	31	CAROL MACPHERSON		WEST HOLLYWOOD	10:15.54
TAMALPAIS	6:49.60	MANDY SHUMAKER	39	BOBBIE CALLISON		MORRI SPANG	38
CHARLOTTE JENKINS	56	LORI ANN WILSON	30	SUSAN SPRINGER		KATHY CONTE	48
MARTY BARRY	62	ANNE O'KEEFE	35	ST PETE	6:56.71	ALEXIA NALEWAIK	26
BEA HEIM	69	BMSC	4:55.13	M. HUTINGER	55	NANCY ANN NORTH	26
TILLIE CUNNINGHAM	68	JENNY ADAMS	29	D. PROKOPI	59	MARYLAND	10:25.79
UNIV. OF SAN FR	7:01.85	ANN GUINS	41	F.CARR	69	COLLEEN WINANS	33
ILA CHALE	57	MARILYN HEID	29	J. PIPER	57	LINDA WESTFALL	33
MARGARET VORHEES	66	NICOLE LEENDERS	29	OJAI-SANTA BARB	7:24.92	DEBBIE SANSONE	25
MARGARET VORHEES	66	LONG BEACH SWIM	5:09.18	PEGGY SANBORN	67	NARALIE EVANS	31
ANNA LISA RECCHIA	72	VALERIE HARVEY	32	JAN RAINS	61	GRIN	12:32.18
MARY ALLEN	62	JILL KEENAN	26	GRACE ALTUS	71	DIANE SIDNER	34
BOLT	7:24.07	SUSAN RINEHART	30	RUTH FARNHAM	65	LISA WRIGHT	37
BARBARA BOWER	57	KAREN CHRISTENSEN	31	C1776	7:25.78	C GETTELFINGER	37
BETTY RUSSO	60	WEST HOLLYWOOD	5:16.37	JEANNE MERRYMAN	72	DEBORAH GAUNT	35
CLAIRE ROACH	67	MORRI SPANG	38	MARY WIXTED	73	35 +	
MARGARET BROU	71	KATHY CONTE	48	PATRICIA TULLMAN	58	R:UTAH 94	8:41.98
COAST MASTERS	7:45.41	NANCY ANN NORTH	26	BARBARA JOHNSON	62	ROBYNN MASTERS	
MARGO BOUER	59	ALEXIA NALEWAIK	26	65 +		CATHY PHILPOT	
MAURINE KORNFIELD	73	C1776	5:22.61	R:SANTA BARBARA 89	6:47.55	SHARON ODELL	
MAXINE MERLINO	82	SALLY BEAUCHNER	33	DOROTHY LACHASSE		LO KNAPP	
MADELEINE MILLER	84	ALYSON CHICK	32	SHIRLEY ERICKSON		UTAH	8:41.98
65 +		DANA CARTER	42	GRACE ALTUS		ROBYNN MASTERS	35
R:SANTA BARBARA 89	5:32.88	JANE ZIEGLER	41	RUTH BAAR		CATHY PHILPOT	37
SHIRLEY ERICKSON		CMM	5:28.94	NO RELAY TEAMS		SHARON ODELL	41
GRACE ALTUS		M ERICKSON	42	75 +		LO KNAPP	40
RUTH BAAR		SUSAN BURNS	40	R:ST.PETE 94	10:03.90	MARYLAND	8:59.17
DOROTHY LA CHASSE		BARTLEY PRATT	26	MARIAN MCKECHNIE		KATHERINE BRANCH	37
WCM	6:26.09	SARA SACHS	49	WIN KENNEDY		BARBARA PROTZMAN	40
ELFRIEDE ROGERS	67	OJAI-SANTA BARA	6:04.58	KAY SCHIMPF		KATHY O'CONNOR	41
JAE HOWELL	72	DONNA LECHMAN	36	FRANCES CICHANSKI		ZENA HERRMANN	35
BETTY BARABASH	65	JENNIFER MARTIN	29	NO RELAY TEAMS		GREATER COLUMBU	9:59.93
BETTY MCMILLAN	66	TRACI DAVID	33	*****		ANDREA PALMER	35
75 +		MARTHA ENGLE	44	RELAYS: WOMEN 800 YD. FREE		LAURA WRIGHT	36
R:D.C. MASTERS 94	7:24.14	35 +		*****		PAIGE LINSKER	42
NANCY CLARK		R:WALNUT CREEK 94	4:32.96	RELAYS: WOMEN 800 YD. FREE		MANDY SHUMAKER	39
MARY LATHRAM		PATTY LANDERS		19 +		MARYLAND	10:42.47
JEAN CHENAUX		DIANE HEINSON		R:U OF SAN FRAN 94	8:07.90	VIKI ALTOMONTE	44
ANNE WALKER		DEBBIE FLANSBURG		PAM FRANKLIN		NANCY STERLING	39
SAN MATEO	7:53.86	CHRIS SILVA		CYNTHIA HINSHAW		CONNIE LINDSEY	42
HELEN ROUMASSET	79	MARYLAND	4:48.22	JANET HAUER		PATTY DEVANNY	35
ZADA TAFT	75	KATHERINE BRANCH	37			BOLT	11:14.36
HILDA BUEL	80						

TOP TEN SHORT COURSE YARDS

VICKI BUCCINO	48	BRADLEY HECHT	25	BOB YOUNG	30	R:OLYMPIC CLUB	95	1:32.50
LINDA BUGNER	46	WCM	1:27.70	MICHAEL ROBIE	35	MIKE GARIBALDI		
JANICE CAMPBELL	48	JEFFREY RODGERS	28	O*H*I*O	1:28.88	ROBERT STRAND		
ELLEN HALL	43	JOHN SCHWENGER	29	JOHN BLAKESLEE	30	TIM BIRNIE		
45 +		TODD BAILEY	24	KARL KAZMAIER	39	STEPHEN CLARK		
R:DC MASTERS	93	ED RIDDLE	24	DAVID BAKER	25	TOC	1:32.50	
RUTH BENNETT		STAN	1:28.02	WINSTON RITCHEY	27	MIKE GARIBALDI	49	
BARBARA FRID		CHRIS MORGAN	23	CONN MASTERS	1:29.12	ROBERT STRAND	49	
ANN SVANSON		RANDY COX	32	RICK STAKEL	25	TIM BIRNIE	49	
ANN LYTTLE		BRIAN SCOTLINE	30	JEFF STUART	34	STEPHEN CLARK	51	
MARYLAND	10:57.68	BROOK DAVIS	30	BRAD HECHT	25	RMM	1:34.34	
MARGE BURLEY	49	ARIZ	1:28.72	MATTHEW ROSSI	27	PAUL MCCORMICK	48	
SALLY ILIFF	49	JOHN PIECUCH	39	NASA	1:29.95	RIC COOLEY	45	
SUSAN LEVICKAS	47	KEITH JONES	24	DAVE EVERHART	30	KEVIN POLANSKY	45	
KAREN WILLIAMS	47	BRIAN JONES	29	JOHN MARTIN	39	JOHN HUTCHINSON	46	
OJAI-SANTA BARB	12:52.14	OMAR SUWARNO	32	ERIC MCCLAREN	26	O*H*I*O MASTERS	1:39.28	
LESLIE OGDEN	48	NASA	1:28.82	MIKE HEMENWAY	26	RICHARD MCCUNE	46	
CAROLE BORLAND	51	ERIC MAURER	23	35 +		ROBERT VAN FOSSAN	48	
ISSA AINSWORTH	48	KARL KRIEGSMAN	25	R:LONE STAR	90	TED GOBLE	49	
VICTORIA MATTHEWS	51	CHARLES PERKINS	23	JAMES MONTGOMERY	1:25.72	DAVID QUIGGIN	50	
55 +		TOM BRODY	24	RICHARD HESS		MARY	1:39.92	
R:WALNUT CREEK	91	ANCM	1:30.88	TRIP HEDRICK		RICK PARDEW	46	
DONNA MONROE	12:01.67	JEFFREY RODDIN	26	DAVID HAGUE		NED DALY	50	
ELFRIEDE ROGERS		MICHAEL HALL	28	RMM	1:28.29	JACK ILIFF	50	
JOAN ALEXANDER		JERRY BENSON	24	HOLDEN BANK	35	CHRIS OSTROM	49	
ANN PISCIOTTA		CLAY BRITT	34	JAMES LILLEY	35	GOLD	1:40.88	
MARYLAND	12:53.32	MARY	1:31.33	CRAIG PETERSEN	35	PATRICK HOWE	48	
NANCY BROWN	58	JOSEPH RATCLIFF	28	LEE MACDONALD	43	DOUGLAS BUCHAN	51	
JILL COLEMAN	64	MATTHEW FRENTSOS	32	C-1776	1:28.76	MICHAEL KOONIN	45	
FRANCES WESTON	55	BILL KVETKAS	33	CHARLES NORELLI	40	FRANK MUSICO	51	
FRANCES HAYWOOD	63	DEVIN MCGONIGAL	19	ROBERT KROTEE	40	NCMS	1:44.31	
65 +		C-1776	1:31.44	GLENN GALLAGHER	37	PETER MCGRAIN	50	
R:SANTA BARBARA	89	TODD KISTLER	23	GREGORY OXLEY	36	JORGE GONZALEZ	46	
SHIRLEY ERICKSON	12:14.80	CHRIS LEWIS	28	CHUM	1:30.48	JAMES GREEN	50	
GRACE ALTUS		MARK SCHUMAN	39	TIM ROURKE	40	JERRY CLARK	57	
RUTH BAAR		ANDREW ELLIS	26	JOSEPH MAGIERA	38	NEM	1:44.54	
DOROTHY LA CHASSE		25 +		THOMAS MCCABE	37	BRUCE HUNTER	55	
OJAI-SANTA BARB	18:09.00	R:HOUSTONIAN CLUB	90	ANDREAS SEIBT	37	CHIP WYSER	49	
PEGGY SANBORN	67	JOHN SMITH	1:23.34	TXAM	1:30.70	TOM LYNDON	63	
ELEANOR BROWN	69	JEFF FREY		BRUCE GREENWOOD	38	HOMER LANE	45	
JENNIE TAYLOR	77	CLAY BRITT		ROBERT ABERSON	42	SPM	1:45.84	
RUTH FARNHAM	65	SAM SEIPLE		PETER NUNAN	37	G. TRIMBLE	52	
75 +		WCM	1:26.00	LARRY WOOD	41	J. EDWARDS	46	
R:WALNUT CREEK	93	DAN MENDENHALL	28	O*H*I*O MASTERS	1:31.03	P. BETZER	52	
FRIEDE SIDORSKY	17:31.22	JAMES LAWRENCE	29	JACK GROSELLE	40	J. MAGUIRE	48	
MARY JANE REEVES		STEPHEN STAHL	30	JOSEPH O'BRIEN	41	DCM	1:47.34	
JEAN DURSTON		GREG REMMERT	32	TOM HIEBER	38	LARRY SLOAN	47	
SALLY JOY		VMST	1:26.20	KARL KAZMAIER	39	RAYMOND CHEN	61	
NO RELAY TEAMS		NEILL WILLIAMS	27	VMST	1:32.24	JIM MYERBERG	53	
*****		JAMES WOLFLE	26	LANG MEEM	40	HARRY SOBER	52	
RELAYS: M E N 200 YD. FREE		CHRIS FLOOD	32	MICHAEL SLOWEY	37	SNM	1:48.36	
*****		CHRIS STEVENSON	30	DAVID HEFNER	40	PATRICK CLASS	46	
19 +		GAKW	1:26.48	CARTER GRANT	35	JOE WALKER	53	
R:TEXAS SWIMMING	95	MICHAEL MCCOOL	32	ORLM	1:33.31	JIM LAWRIE	49	
JEFF THIBAUT	1:24.72	THOMAS NORTHCUTT	29	DAVID WESLEY	42	WILLIAM ANSERT	47	
DEAN PUTTERMAN		DOUG ROBERTSON	31	RICK SCRAY	41	55 +		
REED DUNNE		RANDAL HYRE	31	C.MILTENBERGER	43	R:OLYMPIC CLUB	95	1:41.51
ROBERT KILLEEN		BLS	1:27.25	L.MEISENHEIMER	37	JAMES KRUEGER		
TEXS	1:24.72	BILL WINTERS	28	C-1776	1:33.46	LEWIS COOK		
JEFF THIBAUT	24	JAMES MONTGOMERY	40	MICHAEL CASCIATO	35	WILLIA VAN HORN		
DEAN PUTTERMAN	33	DAVID WILLIAMS	34	PATRICK WALKER	41	CHARLES RAVEN		
REED DUNNE	31	RICHARD HESS	40	THOMAS MEADE	37	TOC	1:41.51	
ROBERT KILLEEN	33	LBSC	1:27.47	PETER DARDARIS	36	JAMES KRUEGER	56	
TOC	1:25.76	BERT BERGEN	28	WCM	1:33.82	LEWIS COOK	57	
ERIC TARBELL	23	MICHAEL KANNER	26	JOHN ROEMER	39	WILLIAM VAN HORN	56	
MICHAEL COOLEY	24	BRUCE HOWELL	38	TOM DUGAN	36	CHARLES RAVEN	56	
JAMIE PATRICK	24	MICHAEL HEATHER	41	KERRY O'BRIEN	38	NORTH CAROLINA	1:50.00	
DAVID LUNDBERG	34	GOLD	1:28.11	CARY KENT	43	JERRY CLARK	57	
CONN	1:27.59	SCOTT WALKER	26	GAKW	1:34.22	DICK WEBBER	65	
MATTHEW ROSSI	27	JONATHAN OLSEN	32	WALTER GILLIKIN	36	JOHN KORTHEUER	64	
DAVID BENNETT	24	THAD SCHULTZ	25	CASEY CLAFLIN	41	ROLFFS PINKERTON	56	
JEFFREY STUART	34	KURT WIENATS	32	REED FARRIS	40	DCM	1:50.76	
		IM	1:28.68	ROBERT JUSTICE	37	BILL NEWMAN	55	
		TED SOLTYS	34			KENNETH FLYNN	65	
		THOMAS REDIG	33	45 +		LEE BETTIS	57	

TOP TEN SHORT COURSE YARDS

EDWARD EMES	66	PAUL KRUP	77	YIT LIM	36	R:COLONIALS 1776 91	1:36.66
GOLD	1:51.47	DEXTER WOODFORD	81	CHRIS WHELAN	24	STU MARVIN	
HERB KERN	63	COAST MASTERS	2:21.96	JACKSONVILLE	1:43.53	DAVE SCHMINKE	
ALAN RAPPERPORT	61	EMILE ACHEE	68	K. ALLEN	31	MARK SCHUMAN	
RAY WELSH	55	CHRISTIAN MONDOR	70	J. WALKER	21	CHARLES NORELLI	
SHERWIN DROBNER	61	LOUIS GIBERSON	74	G. STELLE	28	C-1776	1:38.07
EMPIRE MASTERS	1:52.85	ROBERT CHRISTIANS	79	N. MINA	22	PETER DARDARIS	36
FOSTER DEJESUS	59	MARYLAND	2:24.20	GAKW	1:44.06	GREGORY OXLEY	36
RICHARD ELLIS	62	CECIL HULL	73	JOHN BROWN	30	MARK SCHUMAN	39
JAMES JOHNSEN	59	DONALD CRAWFORD	75	THOMAS NORTHCUTT	29	CHARLES NORELLI	40
DRURY GALLAGHER	56	A.EREMCHUK	68	CLAY STANTON	27	RMM	1:41.54
SAN DIEGO SWIM	1:54.28	JOHN COLLINGS	67	DEREM BOLZ	23	CHUCK WOLFF	43
DONALD BAKER	63	ROCKFORD	2:31.64	DCAC	1:44.32	HOLDEN BANK	35
FRED WADSWORTH	65	KURT SCHOENING	66	SCOTT BRINITZER	32	LEE MACDONALD	43
G.WORTHINGTON	57	JOE HOWELL	73	GARY ARMSTRONG	24	JAMES LILLEY	35
BILL EARLEY	57	BRUCE ELLIOTT	68	STEPHEN SEGRETO	31	VMST	1:42.52
EVANSTON	1:56.16	BOB ADEN	65	DAVID MICHAELS	31	DAVID HEFNER	40
DICK HANLEY	58					MICHAEL SLOWEY	37
DREN GEER	61	75 +		25 +		CARTER GRANT	35
STEVE MULLINS	62	R:D C MASTERS 91	2:24.77	R:LONE STAR 91	1:31.54	LANG MEEM	40
DEWEY HOWELL	55	BERT KASSELL		MOOK RHODENBAUGH		EMP	1:42.91
CONN MASTERS	1:58.63	CHARLES ROY		GREG RHODENBAUGH		JOHN MONTESI	35
ARNIE GREEN	63	DAVID MCAFEE		BOBBY PATTEN		MATTHEW CLARK	38
RAY THORNBERG	55	KELLEY LEMMON		TRIP HEDRICK		CHARLES CARSON	40
PETER CRUMBINE	56	MARYLAND	2:53.32	LBSC	1:35.61	BRUCE HARTLEBEN	35
MEL SIEBOLD	60	WALTER SOMPAYRAC	81	MICHAEL KANNER	26	BLS	1:43.04
MARYLAND	1:59.12	RAYMOND EDELHOFF	82	BRUCE HOWELL	38	RICHARD HESS	40
BOB JOHNSTON	58	GEORGE SZEGO	75	MICHAEL HEATHER	41	JIM CAPERS	43
YU-JIN LEE	61	NORRIS FLUKE	77	BERT BERGEN	28	DOUG MOYSE	37
KEN POLLOCK	62	SPM	3:13.56	BLS	1:36.22	JAMES MONTGOMERY	40
DON RICE	61	J. MICHELL	82	JAY YARID	32	O*H*I*O MASTERS	1:43.38
SPM	2:02.51	F. TILLOTSON	80	BILL WINTERS	28	LOU HORWITZ	42
HAROLD FERRIS	64	F. WALBOLT	82	BOBBY PATTEN	32	KARL KAZMAIER	39
ROBERT MACDONALD	66	K. HOTVEDT	80	DAVID WILLIAMS	34	TOM HIEBER	38
CHARLES KOHNKEN	63	*****		GAKW	1:36.81	JACK GROSELLE	40
JOHN COX	60	RELAYS: M E N 200 YD. MEDLEY		ANDREW PULSIFER	29	CHUM	1:43.73
		*****		MICHAEL MCCOOL	32	TIM ROURKE	40
65 +		19 +		RANDAL HYRE	31	JOSEPH MAGIERA	38
R:S. CAL AQUATIC 90	1:55.12	R:TEXAS SWIMMING 95	1:33.18	DOUG ROBERTSON	31	THOMAS MCCABE	37
JURGEN SCHMIDT		JEFF THIBAUT		JAM	1:39.41	ANDREAS SEIBT	37
FRANK PIEMIME		DEAN PUTTERMAN		KELLEY ALLEN	31	C-1776	1:44.60
BOB MERRICK		MICHAEL DUNNE		GREG STELLE	28	WARREN FISHER	39
GEORGE BRINTON		ROBERT KILLEEN		JEFF POPPELL	25	MICHAEL CASCIATO	35
GOLD	2:00.18	TEXS	1:33.18	ROY DEARY	33	THOMAS MEADE	37
DONALD SONIA	65	JEFF THIBAUT	24	WCM	1:39.68	ROBERT KROTEE	40
WILLIAM DOLAN	66	DEAN PUTTERMAN	33	PAT DUGGAN	31	TOC	1:44.80
LORING HOLMES	66	REED DUNNE	31	TERRY DIXON	30	FRED FERROGGIARO	41
GEORGE LUSTIG	65	ROBERT KILLEEN	33	JEFF RODGERS	28	DAVID HAYNES	42
C-1776	2:02.15	TOC	1:36.97	JIM LAWRENCE	29	STUART CORLISS	39
HAROLD BEGEL	65	DAVID LUNDBERG	34	RMM	1:40.49	MIKE KECK	35
THOMAS FLYNN	66	JAMIE PATRICK	24	MIKE GONZALES	28	RMM	1:46.26
JOHN EMANUEL	70	JIM MURRAY	25	GEORGE MILLER	30	TODD BRYAN	44
ROBERT HARRIS	69	MICHAEL COOLEY	24	STEVEN DAVIS	32	RUSSELL MARSH	39
RINCONADA	2:07.16	NASA	1:37.93	VANCE HOWARD	34	CHRISTOPHER NOLTE	38
ED KERSWILL	68	MIKE PERKINS	23	VIRGINIA	1:41.10	CRAIG PETERSEN	35
AUGIE MOTMANS	67	ERIC MCCLAREN	26	CHRIS STEVENSON	30		
JAY CRADDOCK	77	CARL KRIEGSMAN	25	IAN WRIGHTSON	30	45 +	
ALDO DA ROSA	77	ERIC MAUER	24	JAMES WOLFLE	26	R:THE OLYMPIC CLB94	1:44.01
TOC	2:07.66	VMST	1:38.69	CARTER GRANT	35	TIM BIRNIE	
RALPH PERRY	68	CHRIS STEVENSON	30	SPM	1:41.40	ROBERT STRAND	
EDWARD RUDLOFF	71	SCOTT DUNAWAY	19	BOB BURESH	36	JAMES BEGLINGER	
GLYNN JONES	70	JAMES WOLFLE	26	WILLIAM HEMPEL	37	BILL BARTHOLD	
FRANK GRANNIS	70	NEILL WILLIAMS	27	WILLIAM SPECHT	37	TOC	1:44.48
CONN	2:13.97	PNA	1:40.10	NEIL HARPER	30	TIM BIRNIE	49
WAYNE SHADBOLT	70	AL CAPRON	25	O*H*I*O	1:41.46	ROBERT STRAND	49
ELLIOTT SCHOFIELD	72	TODD DOUGHERTY	24	WINSTON RITCHEY	27	RICHARD BASSI	54
ROBERT HARRIS	72	JODY BRADEN	26	DAVID BAKER	25	STEPHEN CLARK	51
ROBERT KNAPP	78	JUSTIN SIEGAL	23	JOHN BLAKESLEE	30	RMM	1:48.37
SPM	2:15.38	ANCM	1:40.84	JOSEPH O'BRIEN	41	RIC COOLEY	45
A. MALONEY	66	JERRY BENSON	24	CONN	1:41.88	MICHAEL CARRIER	48
W. WALLACE	67	CLAY BRITT	34	JEFFREY STUART	34	KEVIN POLANSKY	45
R. ATWOOD	74	MICHAEL HALL	28	BRYAN UPHAM	30	PAUL MCCORMICK	48
T. SMITH	67	JEFFREY RODDIN	26	MATTHEW ROSSI	27	GOLD	1:49.13
O*H*I*O MASTERS	2:18.33	COBB	1:42.61	BRADLEY HECHT	25	WILLIAM DORNEY	47
PETER VAN DIJK	66	GREGG WILDER	25			PATRICK HOWE	48
PIERCE BRAY	71	DOUG MALCOLM	38	35 +		DOUGLAS BUCHAN	51

TOP TEN SHORT COURSE YARDS

MICHAEL KOONIN	45	C. WEATHERBEE	62	R:COAST MASTERS 95	2:48.32	EMPIRE MASTERS	3:16.89
SO CAL AQUATICS	1:50.82	G. MANN	57	BRION WINSHIP		I. MAXTONE-GRAHAM	35
FRANS NELSON	52	MARYLAND	2:13.93	WALTER PFEIFFER		MICHAEL MURPHY	32
PAUL HENNE	48	JAMES FORSYTH	57	ROBERT CHRISTIANS		ROBERT WATSON	28
BILL BELDING	50	LOU MCCOMAS	62	WOODROW BOWERSOCK		KIRK PASKAL	28
TOM ANGELL	54	DON RICE	61	COAST MASTERS	2:48.32	WCM	3:18.38
MARY	1:50.94	YU-JIN LEE	61	BRION WINSHIP	77	GREG REMMERT	32
JACK ILIFF	50	CONN MASTERS	2:14.33	WALTER PFEIFFER	81	JIM LAWRENCE	29
PETER OROSZLAN	51	ARNIE GREEN	63	ROBERT CHRISTIANS	79	PAT DUGGAN	31
CHRIS OSTROM	49	EDWARD CURTIS	60	WOODY BOWERSOCK	81	STEVE STAHL	30
RICK PARDEW	46	MEL SIEBOLD	60	*****		WCM	3:18.45
UNIV. OF SAN FR	1:52.99	PETER CRUMBINE	56	RELAYS: M E N 400 YD. FREE		TERRY DIXON	30
DUKE DAHLIN	46	RMM	2:21.26	*****		DOUG COOL	32
PAUL MENYHARTH	48	DENNIS O'BRIEN	59	19 +		JOHN SCHWENGER	29
JULIUS YOUNG	48	BOB PATTEN	60	R:COLONIALS 1776 93	3:15.05	MIKE HEANEY	28
RICHARD ATONDO	45	MARK PLUMMER	58	ANDREW ELLIS		O*H*I*O MASTERS	3:22.10
NEM	1:54.33	TERENCE QUIRKE	65	JOESPH THIER		JOHN MALARNEY	30
HOMER LANE	45	65 +		JOHN GAROFOLLO		JOHN BLAKESLEE	29
BRUCE MOHL	49	R:S. CAL AQUATIC 93	2:09.02	EDGAR BORJA		JACK GROSELLE	40
BEN VAN DYK	50	BOYD JOHNSON		LOS MAKOS BORAC	3:21.38	WINSTON RITCHEY	27
CHIP WYSER	49	DONALD HESTER		PAUL O'BRIEN	32	MINNESOTA	3:23.14
CONN	1:54.36	FRANK PIEMME		BRENDAN HALFFMAN	25	NATE LEIGH	39
JACK GEOGHEGAN	53	JURGEN SCHMIDT		DARREN ANDERSON	24	JAMES WISE	30
MIKE LAUX	53	C-1776	2:20.05	DON HAVENS	47	ANDREW BATSTONE	30
JOSEPH COPLAN	49	THOMAS FLYNN	66	VENICE MASTERS	3:22.42	KEVIN CASSON	28
THOMAS HINDLE	51	JOHN EMANUEL	70	BOB EBERWINE	34	LONG BEACH SWIM	3:23.45
TULSA	1:55.60	HAROLD BEGEL	65	STEPHEN JOYCE	23	BERT BERGEN	27
MATT POWERS	48	ROBERT HARRIS	69	GERRY RODRIGUES	32	JASON JEFFERIES	27
DENNIS WILSON	46	GOLD	2:22.34	BRUCE STAHL	36	TREY ATKINS	27
MAX HEIDENREICH	48	LORING HOLMES	66	STANFORD MASTER	3:23.18	MIKE HEATHER	40
GLENN STOREY	46	DONALD SONIA	65	DAN BELLIN	22	TRIGGER	3:23.98
HLJ	1:55.62	GEORGE LUSTIG	65	STEVE ADKINS	31	CHRIS NELLEN	26
VIRGIL DANIELS	47	WILLIAM DOLAN	66	RANDY COX	32	MICHAEL BRADY	27
BILL PILLMORE	47	TOC	2:27.60	CHRIS MORGAN	23	RICHARD ARLUCK	49
MARK EBEL	47	RALPH PERRY	68	DAVIS AQUATIC	3:25.15	STEVE SHTAB	33
JOHN STEARNS	50	EDWARD RUDLOFF	71	KEITH JEFFREY	23	EMPIRE	3:25.21
55 +		WILLIAM CALLENDER	66	MATT GRAHN	22	TIMOTHY HYNES	29
R:OLYMPIC CLUB 95	1:57.39	FRANK GRANNIS	70	TODD BAILEY	24	STEVEN FISHER	32
LEWIS COOK		GEORGIA MASTERS	2:28.84	BRAD WINSOR	23	MICHAEL RITTER	31
WILLIAM TIMKIN		JACK MITCHELL	68	UNIV. OF SAN FR	3:28.73	MATTHEW DAVIE	25
JAMES KRUEGER		L. GALLAGHER	69	CHRIS BATES	26	ADIRONDAK	3:25.58
CHARLES RAVEN		HERB MCAULEY	72	FRANK PERONETTO	28	DOUGLAS SCHULZ	29
TOC	1:57.39	ELMER SCHNITZER	66	WILLIAM LAPSEY	27	MARK SMITH	27
LEWIS COOK	57	SAN DIEGO SWIM	2:29.74	MATTHEW CEVALLOS	24	BILL MATZ	28
WILLIAM TIMKEN	56	WILLIAM PHILLIPS	67	WCM	3:29.56	RUSSELL WREDE	32
JAMES KRUEGER	56	FRED WADSWORTH	66	DAVE COOL	34	UNIV. OF SAN FR	3:26.92
CHARLES RAVEN	56	DONALD HUBBARD	67	VINCE LANE	24	HERMAN BOND	32
DCM	2:05.06	JERRY SIEFERT	77	JOHN SCHWENGER	30	VICTOR CASTILLO	32
LEE BETTIS	57	NEM	2:30.31	JOHN CUSTER	34	SCOTT ADAMS	30
KENNETH FLYNN	65	JAMES EDWARDS	72	STRAWBERRY CANY	3:36.10	DEAN PANZICA	30
EDWARD EMES	66	TED HAARTZ	67	CHRIS PERNIN	21	35 +	
BILL NEWMAN	55	WINTHROP WILSON	68	MARK BUENSALIDO	21	R:BAYLOR/LSTAR 95	3:23.15
EMP	2:05.50	BILL WEIR	65	HAYWARD KONG	21	RICHARD HESS	
EVERETT SMETHURST	60	O*H*I*O MASTERS	2:30.94	KENT PALMER	21	JOM MONTGOMERY	
DRURY GALLAGHER	56	PETER VAN DIJK	66	TAMALPAIS	3:36.88	RICHARD HAAS	
FOSTER DEJESUS	59	PAUL KRUP	77	GREG HRIBAR	26	STEVE BOSTER	
JAMES JOHNSEN	59	PIERCE BRAY	71	BRIAN MURRAY	24	BAYLOR	3:23.15
SAN DIEGO SWIM	2:07.13	DEXTER WOODFORD	81	ERIC WHITTEN	28	RICHARD HESS	40
BILL EARLEY	57	RINCONADA	2:33.23	JON STEINER	44	JIM MONTGOMERY	40
DONALD BAKER	63	AUGIE MOTMANS	67	NORTH CAROLINA	3:37.50	RICHARD HAAS	46
G. WORTHINGTON	57	ED KERSWILL	68	JIM VAN WELZEN	24	STEVE BOSTER	43
WILLIAM PHILLIPS	66	ALDO DA ROSA	77	TIM BAKER	30	WEST HOLLYWOOD	3:29.93
WCM	2:09.03	JAY CRADDOCK	74	TIM CABELL	24	JAMES BALLARD	37
DON BROWN	61	WCM	2:33.48	ANDY FARRELL	24	GARY QUINN	36
MIKE MILLIMAN	60	BILL PECKHAM	65	SANTA CLARA	3:38.66	TIM BURKE	37
BOB KAHL	61	FRED TRASK	66	KIRK OSTROWSKI	23	TOM RUEDY	40
DENNIS BLEDSOE	56	BILL JOHNSTON	76	JEFF DALTON	31	SO CAL AQUATICS	3:33.07
GOLD	2:11.10	BOB HALL	72	BOB STENZ	33	PETER O'KEEFFE	44
ALAN RAPPERPORT	61	CONN MASTERS	2:34.97	DARREN MCCARTHY	29	TOM WINSLOW	42
SHERWIN DROBNER	61	ELIOTT SCHOFIELD	72	25 +		JOHN QUINN	44
RAY WELSH	55	LEN GOLDSTONE	65	R:SO.CALIF AQU 92	3:14.35	JAY CALHOUN	35
CARL HOUSE	55	WAYNE SHADBOLT	70	CHRIS CAVANAUGH		WCM	3:33.99
ORLANDO	2:12.00	JOE COVEY	68	KEITH KAPLAN		JOHN ROEMER	39
J. BEATTIE	60	75 +		PETER MCCLAFFERTY		TOM DUGAN	36
V. SIRBU	57			GERRY RODRIGUES		GENE HART	42

TOP TEN SHORT COURSE YARDS

KERRY O'BRIEN	37	DAVID FULLER	45	BOLT	5:54.80	BRUCE HOWELL	38
SANTA CRUZ	3:36.12	RAND VAILLANCOURT	48	ELMER FROST	72	DOUG WAGNER	28
BRENDAN MCNULTY	35	CMM	4:18.14	N HEDRICK	71	BERT BERGEN	28
BILL DRULIUS	43	TOM MCTERNAN	51	DICK DANIELS	68	VENICE MASTERS	3:58.61
JOHN SULTAN	47	JOSEPH LAMMERT	55	BOB ALLEN	67	BOB EBERWINE	34
JOEL WILSON	46	ANDY MORROW	56	WCM	6:14.98	GERRY RODRIGUES	32
TAMALPAIS	3:41.61	JOE PESCHEL	49	BILL PECKHAM	65	ADAM GRUNER	27
PHIL BENEZRA	41	GREATER COLUMBU	4:18.82	BOB KAHL	72	BRUCE STAHL	36
DAVE KENYON	42	ROBERT O'KEEFE	50	BILL JOHNSTON	75	LOS MAKOS BORAC	3:59.71
JOHN PEAIRS	37	ROBERT JOYCE	46	FRED TRASK	66	DON HAVENS	47
RICK CRAFTS	43	DOUG VOELZ	50	UNIV. OF SAN FR	6:22.84	JIM IACOMETTI	30
UNIV. OF SAN FR	3:42.13	TOM HERR	49	BOB DANIELSON	65	PAUL O'BRIEN	32
BRAD PENCE	43			KURT HENSCH	65	BRENDAN HALFFMAN	35
MARK BLAGDON	40	55 +		RICHARD SCHOMBURG	68	EMPIRE MASTERS	4:01.89
STEVE MUNDSCHAU	41	R:GRIN	95 4:03.06	VICTOR DEKALB	69	KIRK PASKAL	28
RON MOTMER	41	DAVID COSTILL				WILLIAM NAUMAN	32
MANATEES	3:42.50	MEL GOLDSTEIN		75 +		ROBERT WATSON	28
MARK HOFFMAN	37	FRAN MCAREE		R:ST. PETE	91 6:02.78	NEIL WORTMANN	59
BRUCE FERGUSON	44	JERRY MYERS		JOHN JOHNSTON		C1776	4:03.07
TOM ALDERSON	43	GRIN	4:03.06	FRANK TILLOTSON		JOHN ROEMIG	44
GRANT INMAN	43	DAVID COSTILL	59	KERMIT HOTVEDT		BRIAN LEDWITH	35
RINCONADA	3:44.62	FRAN MCAREE	64	WILLIAM MOLLOY		CHRISTOPHER LEWIS	28
FRED FARLEY	41	MEL GOLDSTEIN	56	NO RELAY TEAMS		HERB MERKET	30
JIM SHAW	53	JERRY MEYERS	56	*****		CRAW	4:08.41
KERRY FALLA	40	WCM	4:22.09	RELAYS: M E N 400 YD. MEDLEY		STEVE HECK	45
KIRK KOSLOWSKI	36	MIKE MILLIMAN	60	*****		ROBERT DALEY	32
GREATER COLUMBU	3:46.62	DENNIS BLEDSOE	56	19 +		DEAN PRZYMUS	34
RICK KLUNK	41	DON BROWN	61	R:U OF SAN FRAN	92 3:34.08	AARON ALTURA	31
MICHAEL STICKNEY	38	BOB KAHL	61	GARY YANG		GREATER COLUMBU	4:11.67
JIM CALLAHAN	37	UNIV. OF SAN FR	4:30.67	JOHN HARLOW		EDWARD POWERS	33
MIKE VIERS	37	JOE ILLICK	60	MARK FIORITO		MIKE DAVIDSON	26
		BOB FEWSTER	56	GREG MACKEM		RICHARD MORRIS	31
45 +		DANIEL OSBORNE	61	CINCINNATI	4:00.32	DAVID O'DANIEL	27
R:OREGON	93 3:35.57	PAUL WARREN	57	TODD RADELL	22	BOLT	4:17.90
ROBERT SMITH		NORTH CAROLINA	4:38.34	MIKE LEYMASTER	22	L SCHMITT	26
RICHARD BOYD		MILTON GEE	58	JOHN OWSIANY	34	ROBERT CAMBIAS	26
DON SCHOLLANDER		JERRY CLARK	57	RANDY GOSS	34	BRANT SCHROEDER	34
STEVE JOHNSON		JOHN KORTHEUER	64	BMSC	4:25.60	JEREMY HOROWITZ	25
WCM	3:50.64	WILLIAM APPELBAUM	59	D MECKLENBURG	32	35 +	
CRAIG DENNIS	48	SAN DIEGO SWIM	4:43.61	DAVID HYLAND	31	R:U OF MINN	93 3:45.22
JACK LANCE	52	JOHN GOODE	61	JOE REINHARDT	33	PAUL WINDRATH	
BILL BROWN	51	LLYOD SKRAMSTAD	61	JAMES PREVOST	24	JOHN EVERS	
DON DAVIS	50	KENNETH KIMBALL	64	LAC-ONALA	4:30.75	DARRELL SMITH	
DAVIS AQUATIC	3:55.53	BILL EARLEY	58	TODD ONDELL	46	NATHAN LEIGH	
ANDY MCPHERSON	48	SWOM	4:50.26	PAUL BLANK	25	C1776	3:50.84
JOHN MILLS	48	BOB WILLIAMS	55	DAVID JANDA	38	WARREN FISHER	39
CURT MILLER	46	ROBERT KOENIG	57	ERIC WOJTA	24	GREGORY OXLEY	36
DOUGLAS NELSON	46	JAMES GARVIN	60	LA MESA MASTERS	4:33.66	CHARLES NORELLI	39
UNIV. OF SAN FR	3:55.77	RICHARD CHISHOLM	60	MICHAEL KONOLD	23	GLENN GALLAGHER	37
DUKE DAHLIN	46	ST PETE	4:52.29	KENNETH SPAULDING	27	O'H*I*O MASTERS	3:55.22
RICHARD ATONDO	45	M. HUTINGER	55	BYRON KONOLD	24	LOU HORWITZ	42
JOHN LADD	49	D. PROKOPI	59	KEVIN MCKENZIE	40	KARL KAZMAIER	39
PAUL MENYHARTH	48	F.CARR	69	CRAW	5:57.51	THOMAS HIEBER	38
SAN MATEO	3:58.31	J. PIPER	57	CHUCK KLAWITTER	49	JACK GROSELLE	40
DON GALINE	49	WIS MASTERS	5:21.16	CLARKE MITCHELL	62	WEST HOLLYWOOD	3:57.76
RANDY BROWN	47	HARLAN DRAKE	66	BILL BEARD	36	BRUCE HATTON	38
BILL STEUART	58	THOMAS MICHELSON	63	CLARK ALLEN	24	MAURO BORDOVSKY	38
DICK PETERSON	58	ROBERT SWAIN	58			JAMES BALLARD	37
MICHIGAN	4:02.47	ROBERT KUENY	64	25 +		GARY QUINN	37
DONALD KROEGER	51			R:U OF SAN FRAN	92 3:35.60	CARLSBAD MASTER	4:01.88
THOMAS HUNT	47	65 +		KIRK JENSEN		VINCENT MORALES	38
THOMAS MOYER	47	R:S CALIF AQU	90 4:28.95	ERIC LARSON		JEFF PEASE	41
JAY RYNO	48	FRANK PIEMME		MATT JONES		STIK HENIKA	36
STRAWBERRY CANY	4:03.26	BOB MERRICK		DAN KNIGHT		JIM BARTON	39
JEREMY COHEN	46	JURGEN SCHMIDT		CONN MASTERS	3:46.44	GREATER COLUMBU	4:13.10
BOB UPSHAW	45	LEE ARTH		JEFF STUART	34	MICHAEL STICKNEY	38
JERRY ABAD	56	SAN DIEGO SWIM	4:50.41	MATTHEW ROSSI	27	ROBERT HAFERTEPEN	37
DEL UPTON	45	WILLIAM PHILLIPS	67	RICK STAKEL	25	JIM CALLAHAN	37
TAMALPAIS	4:12.12	JERRY SIEFERT	77	BRAD HECHT	25	MIKE VIERS	37
RICH BURNS	51	DONALD HUBBARD	67	MINNESOTA	3:47.27	MARYLAND	4:24.97
DOUG STEVENS	51	FRED WADSWORTH	66	KEVIN CASSON	28	JOHN PROTZMAN	37
BEN WRIGHT	52	RINCONADA	5:34.49	NATE LEIGH	39	JAMES ACKER	35
JOHN COOPER	62	JOHN BRICKER	75	ANDREW BATSTONE	30	NICK BURLEY	40
MARYLAND	4:13.03	AUGIE MOTMANS	67	JAMES WISE	30	GLENN MCGUIRE	36
JACK ILIFF	50	DAR WHEELER	78	LONG BEACH SWIM	3:51.88	OJAI-SANTA BARB	4:33.35
NED DALY	50	ALDO DA ROSA	77	MICHAEL HEATHER	41		

TOP TEN SHORT COURSE YARDS

JOHN LOBDELL	40	WILLIAM PHILLIPS	67	25 +		R.D.RODRRIGUE	61
JONATHAN CHASE	37	KENNETH KIMBALL	64	R:SANTA CLARA	94 7:00.25	BILL COLEMAN	45
JOHN DAVID	37			SERGEY MARINIUK			
JOHN BECK SELZER	39	65 +		FRANZ MORTENSEN		45 +	
WEST HOLLYWOOD	4:36.99	R:COLONIALS	92 5:18.61	MICHAEL MOORE		R:OLYMPIC CLUB	94 7:56.06
TIM BURKE	37	ROGER FRANKS		JON CHRISTENSEN		ROBERT STRAND	
THOMAS GROSVENOR	35	NORMAN GARSOE		CONN MASTERS	7:20.03	TOD SPIEKER	
PAULO FIGUEIREDO	48	BIRCH DAVIDSON		JEFF STUART	34	TIM BIRNIE	
ERROL GRAHAM	35	JOHN EMANUEL		MATTHEW ROSSI	27	BOB MOMSEN	
GCMT	4:48.81	C1776	6:33.50	RICK STAKEL	25	OREGON	8:19.18
ROBERT WRIGHT	42	CHARLES BREEDING	79	BRAD HECHT	25	JON STOUT	48
R HAFFERTEPEN	37	GEORGE MELICK	70	PNA	8:13.56	ROBERT SMITH	51
RICK KLUNK	41	JOHN EMANUEL	70	KNUT LANDBOE	27	STEPHEN JOHNSON	47
MIKE VIERS	36	EDWARD BITNER	72	EDWARD WALDRON	28	TREVOR CHARLTON	45
MINNESOTA	5:01.77	WIS MASTERS	6:42.56	KEITH SZOT	29	MICHIGAN	9:07.00
KENT SCHWITZER	41	HARLAN DRAKE	66	WAYNE METHNER	41	DONALD KROEGER	51
BARRY GERST	47	ALEX MACGILLIS	66	CRAW	8:25.19	THOMAS HUNT	47
TERRY NELSON	54	DONALD KILB	68	DAVE MATTHEWS	31	THOMAS MOYER	47
WILLIAM CENTNER	42	LYNN SURLS	77	TIM RATCHFORD	37	JAY RYNO	48
				STEVE HECK	45	GREATER COLUMBU	9:14.89
45 +		75 +		DEAN PRZYMIUS	34	ROBERT O'KEEFE	50
R:LOS ALTOS	92 4:10.46	R:ST. PETE	91 6:55.99	VENICE MASTERS	9:11.98	DOUG VOELZ	50
ED CAZALET		FRANK TILLOTSON		DAN BORTON	27	TOM HERR	49
TOM BOAK		WILLIAM MOLLOY		ADAM GRUNER	27	ROBERT JOYCE	46
BOB PROEBSTING		JOHN JOHNSTON		JOHN KOCKER	40	MARYLAND	9:32.61
DAVE GRAY		KERMIT HOTVEDT		DAVID KOCKER	37	CHRIS OSTROM	48
GREATER COLUMBU	4:30.74	COAST MASTERS	7:36.93	SE METRO	9:32.37	JACK ILIFF	50
LARRY RINGER	47	BRION WINSHIP	77	JERRY SIMPSON	53	NED DALY	50
ROBERT JOYCE	46	JOHN GLENN	84	PAUL GIONFRIDDO	39	TOM LEVICKAS	51
AL ACKERMANN	45	WALTER PFEIFFER	81	TOM FUCHS	37	CONN MASTERS	10:12.01
TOM HERR	49	WOODY BOWERSOCK	81	PAUL DYKES	28	MEL SIEBOLD	60
WIS MASTERS	4:31.76	*****		BOLT	9:48.72	JOSEPH ZELSON	53
LARRY ESCHENBURG	45	RELAYS: M E N 800 YD. FREE		JEREMY HOROWITZ	25	JOHN SCHWARTEN	47
JIM OLSON	52	*****		ROBERT CAMBIAS	26	MIKE LAUX	53
DICK PITMAN	50	19 +		L SCHMITT	26	OJAI-SANTA BARB	11:27.80
ALAN BECKER	52	R:STANFORD	92 7:22.25	BRANT SCHROEDER	34	ROBERT SMITH	52
MICHIGAN	4:42.83	ANDY WONG		H2OX	10:04.36	HARRY DELATRE	48
THOMAS HUNT	47	TIM BRODERICK		MARK STOUT	40	DANIEL TURBEVILLE	47
DONALD KROEGER	51	JOE MADER		NICK GARDNER	29	RICK GOEDEN	48
THOMAS MOYER	47	SPENCER ELDRED		BRIAN BRISBIN	27		
JAY RYNO	48	UNIVERSITY CIRC	7:34.78	STEVE TATAR	47	55 +	
CMM	5:02.20	ROB FELLINGER	23			R:GRIN	95 9:12.24
JOSEPH LAMMERT	55	MATTHEW KRUMHOLZ	23	35 +		DAVID COSTILL	
JOE PESCHEL	49	ANDRE BARBINS	24	R:MINNESOTA	92 7:37.33	MEL GOLDSTEIN	
TOM MCTERNAN	51	ED WHITE	21	JAMES STEWART		FRAN MCAREE	
ANDY MORROW	56	VENICE MASTERS	7:53.82	PAUL WINDRATH		JERRY MYERS	
OJAI-SANTA BARB	5:54.29	BOB EBERWINE	34	NATHAN LEIGH		GRIN	9:12.24
DANIEL TURBEVILLE	47	STEPHEN JOYCE	23	LARRY KRAUSER		DAVID COSTILL	59
HARRY DELATRE	48	BRUCE STAHL	36	GREATER COLUMBU	9:03.71	FRAN MCAREE	64
ROBERT SMITH	52	GERRY RODRIGUES	32	MIKE VIERS	37	MEL GOLDSTEIN	56
CARL BARNETT	46	LA MESA MASTERS	8:38.44	ROBERT WRIGHT	42	JERRY MEYERS	56
OXM	6:12.09	DARRILL ANDRIES	28	RICK KLUNK	41	SWOM	10:30.13
SAM WILLIAMSON	54	KENNETH SPAULDING	27	JIM CALLAHAN	37	RICHARD CHISHOLM	60
RICHARD MCNEIL	62	BYRON KONOLD	24	OJAI SANTA-BARB	9:07.86	ROBERT KOENIG	57
LARRY SHERMAN	53	JOHN LAPP	26	JONATHAN CHASE	37	ROBERT WILLIAMS	56
PAUL MITCHEL	56	BMSC	8:42.90	JOHN LOBDELL	40	JAMES GARVIN	60
		JOHN PEARSON	29	JOHN DAVID	37	MARYLAND	11:03.94
55 +		DAVID HYLAND	31	JOHN BECK SELZER	39	YU-JIN LEE	60
R:WALNUT CREEK	91 4:55.98	JOHN KANGAS	36	L A PENINSULA	9:23.76	KEN POLLOCK	62
MIKE MILLIMAN		JAMES PREVOST	24	GREG WILLIS	46	FRANK GANOCZY	58
CHET WERSHILA		MARYLAND	8:57.84	R.GILBERTSON	39	JIM FORSYTHE	56
STAN MORNER		TOM O'REILLY	30	GREG HEYES	40	SAN DIEGO SWIM	12:03.21
STAN PEDDER		TONY MARTINO	33	D.BETHENCOURT	42	DONALD HUBBARD	67
SWOM	5:43.46	WYATT ULRICH	23	CRAW	9:51.02	PETER RIDDLE	57
RICHARD CHISHOLM	60	STEVE FUJIKAWA	38	RICK BAUER	35	LLYOD SKRAMSTAD	61
ROBERT KOENIG	57	LAS VEGAS	8:59.90	MIKE NEEL	36	JOHN GOODE	61
ROBERT WILLIAMS	56	EDWARD PYLE	45	STANTON CADOW	38		
JAMES GARVIN	60	BILL CARROLL	39	BOB KNIGHT	57	65 +	
MARYLAND	5:51.14	MATT MCGHIE	23	BMSC	10:18.03	R:SCAQ	93 10:40.71
KEITH HARRIS	55	BROCK FRASER	52	DOUGLAS CHURCH	51	LEE ARTH	
JOHN COLLINGS	67	CRAW	9:16.01	GREG BAKER	42	JURGEN SCHMIDT	
YU-JIN LEE	60	SELIM ALPARSLAN	29	DICK SIDNER	46	BOB MERRICK	
FRANK GANOCZY	57	CLARK ALLEN	24	M SULLIVAN	40	FRANK PIEMME	
SAN DIEGO SWIM	6:09.33	BRENT DAY	32	BOLT	10:47.93	SAN DIEGO SWIM	10:44.28
JOHN GOODE	61	ROBERT DALEY	32	HUGH FLEMING	45	FRED WADSWORTH	66
LLYOD SKRAMSTAD	61			JIM MYERS	44	DONALD HUBBARD	67

TOP TEN SHORT COURSE YARDS

JIM JONES	67	R:S. CAL AQUATIC 90	1:29.40	DAVID COTE	35	GAYLE BONDURANT	48
WILLIAM PHILLIPS	67	CHUCK PONTIER		VMST	1:38.41	BETTY DUGAN	53
BOLT	13:32.92	DIANE GRANER		DAVID HEFNER	40	SPM	1:49.91
ELMER FROST	72	KRISTINE BUSH		HEATHER STEVENSON	35	A. PAGE	46
N HEDRICK	71	PETER MCCLAFFERTY		LISA BENNETT	39	E. BROMWICH	52
DICK DANIELS	68	RMM	1:32.08	CARTER GRANT	35	J. EDWARD	46
BOB ALLEN	67	ANNA PETTIS SCOTT	32	TOC	1:38.96	J. MAGUIRE	48
		COLLETTE SAPPEY	30	MIKE KECK	35	DUST	1:50.19
75 +		JAMES LILLEY	35	MARGUERITE MEYER	36	CYNTHIA O'HARE	51
R:ST. PETE	90 13:46.24	HOLDEN BANK	35	STUART CORLISS	39	BOB COALE	55
WILLIAM MOLLOY		LBSC	1:32.68	DANIELLE OGIER	42	JEANNETTE BAUER	45
FRANK TILLOTSON		BERT BERGEN	28	UTAH	1:39.61	J.SCOYK	49
KERMIT HOTVEDT		BRUCE HOWELL	38	BRUCE HERMAN	35	SNM	1:50.86
FRED WALBOLT		LYNN WITTSTOCK	32	ROBYNN MASTERS	36	WILLIAM ANSERT	47
NO RELAY TEAMS		MAUREEN MENDOZA	34	CATHY PHILPOT	38	SALLY DILLON	48
*****		GAKW	1:33.46	MORI PAULSEN	37	CELESTE MILLER	45
RELAYS: MIXED 200 YD. FREE		TARYN GILLIKIN	29	GAKW	1:40.61	PATRICK CLASS	46
*****		LIESA BENN	29	REED FARRIS	40		
19 +		MICHAEL MCCOOL	32	LINDLEY DOUGHTY	36	55 +	
R:LONG BEACH	93 1:31.16	DOUG ROBERTSON	31	ANDRA OZOLING	35	R:D.C.MASTERS	95 1:55.42
BERT BERGEN		RMM	1:35.03	CASEY CLAFLIN	41	LEE BETTIS	
MATTHEW MITCHELL		RENATE SCHMIDT	32	HLJ	1:40.71	JOANN LEILICH	
SHERRY GAERTNER		KATHY GARNIER	34	JEFFREY PEROUT	42	JAYNE BRUNER	
PEGGY GROSS		VANCE HOWARD	34	GINA AGUILAR	36	BILL NEWMAN	
TEXS	1:32.19	STEVEN DAVIS	32	SUSAN HALFACRE	43	DCM	1:55.42
JEFF THIBAUT	24	RMM	1:35.34	JOHN STEARNS	50	BILL NEWMAN	55
ROBERT KILLEEN	33	CHRISTY LIPSON	25	MARY	1:41.03	JOANN LEILICH	56
BRIGITTE HEUER	35	SHEILA ARREDONDO	30	JIM O'CONNOR	41	JAYNE BRUNER	61
AIMEE QUARATINO	25	CRAIG PETERSEN	35	NICK BURLEY	40	LEE BETTIS	57
ARIZ	1:33.36	LEE MACDONALD	43	ZENA HERRMANN	35	NCMS	1:58.17
KEITH JONES	24	CONN MANSTERS	1:35.36	KATHERINE BRANCH	37	JERRY CLARK	57
BRIAN JONES	29	MATTHEW ROSSI	27	GOLD	1:41.06	ROLFFS PINKERTON	56
SARAH ANDERSON	24	SHEILA MORTELL	33	CRAIG BURNS	42	SALLY NEWELL	57
DIANNE WYGAL	29	CINDY WATTS	33	HANK OPPENBORN	37	ALICE JONES	56
TEXS	1:33.69	BRAD HECHT	25	TRICIA HOLM	35	NEM	2:01.55
DEAN PUTTERMAN	33	O*H*I*O*	1:35.50	GAIL RICE	38	TOM LYNDON	63
REED DUNNE	31	WINSTON RITCHEY	27			LARRY DUNHAM	58
HEATHER GRADY	24	CARRIE ALTIG	26	45 +		DIANE REED	64
STACY JONES	29	MARIA SCHEIBER	26	R:LOS ALTOS	94 1:40.31	CLAIRE O'BRIEN	56
STAN	1:33.88	JOHN BLAKESLEE	30	DICK THOMAS		DCM	2:02.34
CHRIS MORGAN	23	WCM	1:35.51	DAVID GRAY		EDWARD EMES	66
MARTIE MCKINNEY	30	MICHELLE GHIGGERI	26	SUSAN ROY		KENNETH FLYNN	65
KANA SHIBUYA	23	CAREN MCNAMARA	34	CAROLYN BOAK		BARBARA ZAREMSKI	57
BRIAN SCOTTOLINE	30	JIM LAWRENCE	29	RMM	1:45.91	BETTY BREY	63
VMST	1:34.58	STEVEN SMALL	30	PAUL MCCORMICK	48	WCM	2:03.68
SCOTT DUNAWAY	19	WCM	1:35.77	JUDY REED	51	MIDGE KRAETZER	57
CLAI BOLEK	31	TERRY DIXON	32	RIC COOLEY	45	DONNA MONROE	60
ALICE PHILLIPS	29	DAVE COOL	34	JEAN WOOD	47	DENNIS BLEDSOE	55
NEILL WILLIAMS	27	LIZ SEYMORE	26	C-1776	1:46.09	DON BROWN	61
NCMS	1:34.91	PAULA ROEMER	34	HENRY DETERING	49	GOLD	2:05.40
TIA PARDUE	24	MICH	1:36.15	J.GREULICK-BYRON	45	SHERWIN DROBNER	61
ANDREW FARRELL	24	DYNE BURRELL	28	CECILIA MCCLOSKEY	45	ANNE MCGUIRE	60
RUSSELL KRETZ	33	MARY MUETING	30	NATHAN LEECH	46	RAY WELSH	55
CHRISTINE HOLMAN	30	THOMAS SCHARDT	27	NEM	1:46.21	JUNE KRAUSER	68
TOC	1:35.07	ERIC NORDLUND	31	HOMER LANE	45	SPM	2:06.74
JAMIE PATRICK	24			BRUCE MOHL	49	H. PIPER	60
ELAINE WEIGAND	23	35 +		SUE TENDY	46	H. FERRIS	63
LYNN JOLLY	29	R:TEXAS AQUATICS 95	1:34.17	SUSAN MAGUIRE	46	J. PIPER	57
DAVID LUNDBERG	34	S.NEILSON-BELL		CONN	1:46.31	J. LAMBKE	55
JAM	1:36.54	KARLENE WISE		JACK GEOGHEGAN	53	RINCONADA	2:07.13
NICK MINA	22	BRUCE GREENWOOD		MIKE LAUX	53	DICK BENNETT	64
ROY DEARY	33	PETE NUNAN		CHRISTIE SLIMAK	47	SUE SPRINGER	56
ESTHER SMITH	22	TXAM	1:34.17	JOANN MITCHELL	45	AUGIE MOTMANS	67
KIMBERLY WISE	38	S.NEILSON-BELL	39	GOLD	1:48.01	ANN KAY	61
UNIV. OF SAN FR	1:37.03	KARLENE WISE	41	B.EDELMAIER	48	SAN DIEGO SWIM	2:07.25
JENNIFER TONON	24	BRUCE GREENWOOD	38	MERRELL WILLIAMS	45	KENNETH KIMBALL	64
LISA SUMMERS	24	PETER NUNAN	37	DOUGLAS BUCHAN	51	ADRIENNE PIPES	60
MATTHEW CEVALLOS	24	C-1776	1:36.70	MICHAEL KOONIN	45	BETSY JORDAN	58
ERIC BOSERUP	24	CHARLES NORELLI	40	DCM	1:48.43	BILL EARLEY	58
NASA	1:37.24	DOT MUNGER	43	ANN LYTTLE	47	SPM	2:07.29
HEATHER RIDGE	30	APRIL LONG	35	BARBARA FRID	53	CHARLES KOHNKEN	63
LISA BLOCKOWICZ	25	ROBERT KROTEE	40	HARRY SOBER	52	FLORENCE CARR	69
ERIC MAUER	24	NEM	1:36.83	LARRY SLOAN	47	JAYNE LAMBKE	55
CHARLES PERKINS	23	ROBERT SELTZER	44	DAM	1:49.52	HAROLD FERRIS	64
		JOEL FELDMANN	43	ANDREW MCPHERSON	48		
		GAYLE WETTACH	38	EMORY HAWORTH	59	65 +	

TOP TEN SHORT COURSE YARDS

R:GOLD COAST 95	2:02.20	R:GOLD COAST 95	1:41.15	ERIC NORDLUND	31	BRUCE HERMAN	35
WILLIAM DOLAN		LORRAINE PERKINS		WCM	1:44.94	MORI PAULSEN	37
CYNTHIA BRUCE		JOHN HEATH		PENNY LEACH	32	GAKW	1:51.47
MARGARET TIMMINS		SCOTT WALKER		STEPHEN STAHL	30	LINDLEY DOUGHTY	36
DONALD SONIA		HEATHER HAGEMAN		JEFFREY RODGERS	28	REED FARRIS	40
GOLD	2:02.20	GOLD	1:41.15	PAULA ROEMER	34	CASEY CLAFLIN	41
WILLIAM DOLAN	66	LORRAINE PERKINS	25	WCM	1:45.23	ANDRA OZOLING	35
CYNTHIA BRUCE	67	JOHN HEATH	24	PAMELA BOSCOVICH	32	TOC	1:51.65
MARGARET TIMMINS	65	SCOTT WALKER	26	JOHN SCHWENGER	29	DANIELLE OGIER	42
DONALD SONIA	65	HEATHER HAGEMAN	24	DAN MENDENHALL	28	ROBERT STRAND	49
NEM	2:11.60	TEXS	1:41.89	MICHELLE GHIGGERI	26	STUART CORLISS	39
CLARA WALKER	68	JEFF THIBAUT	24	GAKW	1:45.83	MARGUERITE MEYER	36
BILLIE BURRILL	74	DEAN PUTTERMAN	33	THOMAS NORTHCUTT	29	WIS MASTERS	1:51.92
WINTHROP WILSON	68	HEATHER GRADY	24	LIESA BENN	29	NANCY FISHER	43
TED HAARTZ	67	BRIGITTE HEUER	35	DOUG ROBERTSON	31	DAVID HOLLAND	36
CONN MASTERS	2:17.58	STAN	1:42.46	TARYN GILLIKIN	29	KEVIN WELTON	35
WAYNE SHADBOLT	70	MARTIE MCKINNEY	30	RMM	1:45.92	NEDRA MOORE	40
JOAN CAMPBELL	65	BRIAN SCOTTLINE	30	SHELLE BOTTA	30	45 +	
DOROTHY DONNELLY	73	KANA SHIBUYA	23	SHEILA ARREDONDO	30	R:LOS ALTOS 94	1:52.68
LEN GOLDSTONE	65	CHRIS MORGAN	23	JAMES LILLEY	35	DICK THOMAS	
C1776	2:19.26	WCM	1:44.82	CRAIG PETERSEN	35	SUSAN ROY	
ROBERT HARRIS	69	KAREN HEARD	24	ORLM	1:46.36	CAROLYN BOAK	
JEANNE MERRYMAN	72	MARSHA TRACHI	23	JENNIFER WILLIS	26	DAVID GRAY	
CAROLYN DERR	67	ED RIDDLE	24	C.MILTENBERGER	43	C-1776	1:58.70
EDWARD BITNER	72	GREG REMMERT	32	ROSEMARIE SEAMAN	37	CECILIA MCCLOSKEY	45
GOLD	2:22.48	VMST	1:45.09	L.MEISENHEIMER	37	JAMES KEANE	50
LORING HOLMES	66	CHRIS STEVENSON	30	CONN	1:46.63	STEPHANIE WALSH	45
BLANCHE GRAUER	67	SCOTT DUNAWAY	19	JEFFREY STUART	34	NATHAN LEECH	46
GEORGE LUSTIG	65	ALICE PHILLIPS	29	JILL LEMONE	28	RMM	1:59.29
MARY ANN MEEKINS	69	CLAI BOLEK	31	CYNTHIA WATTS	33	RIC COOLEY	45
UNIV. OF SAN FR	2:25.24	TOC	1:45.23	MATTHEW ROSSI	27	WILLIAM ABBOTT	49
GAIL ROPER	65	DAVID LUNDBERG	34	VMST	1:46.95	JEAN WOOD	47
MARGARET VORHEES	66	ERIC TARBELL	23	DAVID MALSBURY	33	JUDY REED	51
BOB DANIELSON	65	LYNN JOLLY	29	NEILL WILLIAMS	27	CONN MASTERS	2:00.18
RICHARD SCHOMBURG	68	ELAINE WEIGAND	23	BARBARA BISHOP	32	JOANN MITCHELL	45
WCM	2:25.69	ARIZ	1:45.35	ROBIN HAMPTON	28	CHRISTIE SLIMAK	47
BETTY BARABASH	66	OMAR SUWARNO	32	35 +		JOHN PHILLIPS	48
BETTY MCMILLAN	66	KEITH JONES	24	R:S. CAL AQUATIC 92	1:44.23	JOSEPH COPLAN	49
BILL JOHNSTON	76	DIANNE WYGAL	29	CLAY EVANS		EMP	2:02.10
FRED TRASK	67	SARAH ANDERSON	24	KAREN MELICK		JANE KATZ	52
SPM	2:25.88	TEXS	1:47.36	JIM BELARDI		DRURY GALLAGHER	56
A. MALONEY	66	REED DUNNE	31	BONNIE ADAIR		BOB KOLONKOWSKI	47
F. CARR	69	ROBERT KILLEEN	33	C-1776	1:47.41	GWEN DEELY	45
G. OLSEN	68	KAREN JACOBSON	28	PETER DARDARIS	36	TAM	2:02.76
T. SMITH	67	SHERRI PHEGLEY	24	DOT MUNGER	43	RICHARD BURNS	51
SAN DIEGO SWIM	2:28.57	CMM	1:48.62	APRIL LONG	35	BEN WRIGHT	52
WILLIAM PHILLIPS	66	BARTLEY PRATT	27	CHARLES NORELLI	40	SPERRY RADEMAKER	55
ALICIA COLEMAN	69	TODD RADEL	22	WCM	1:48.45	NANCY RIDOUT	53
BOBBI TURCOTTE	67	JOHN OWSIANY	34	PATTY LANDERS	38	DCM	2:04.50
FRED WADSWORTH	65	JULIA PALMER	34	JOHN ROEMER	39	HARRY SOBER	52
O*H*I*O MASTERS	2:28.77	WILD A M	1:50.63	KERRY O'BRIEN	38	RONALD GREGER	50
BETTY RUSS	68	JAN HOWELL	22	MINDY HAMWAY	36	BARBARA FRID	53
PAUL KRUP	77	GEOFF HAMPTON	22	MARY	1:49.22	ANN LYTTLE	47
SYLVIA HILL	74	STEWART WEAVER	25	ZENA HERRMANN	35	SPM	2:05.08
DEXTER WOODFORD	81	LINDA BRIDWELL	28	PETER OROSZLAN	51	P. BETZER	52
75 +		25 +		JIM O'CONNOR	41	H. PHYEL	50
R:SAN MATEO 95	2:38.61	R:LONE STAR 91	1:39.01	KATHERINE BRANCH	37	E. BROMWICH	52
AUDREY ETIENNE		MOOK RHODENBAUGH		VMST	1:50.55	A. PAGE	46
ZADA TAFT		GREG RHODENBAUGH		LANG MEEM	40	DAM	2:05.54
RAY TAFT		VAL KERR-HAUGE		MICHAEL SLOWEY	37	SUSAN MUNN	56
ED MORAN		AMY PLESS		KELLEY COOPER	37	GAYLE BONDURANT	48
SAN METEO	2:38.61	LBSC	1:41.89	HEATHER STEVENSON	35	ANDREW MCPHERSON	48
AUDREY ETIENNE	78	MICHAEL KANNER	26	NEM	1:50.77	EMORY HAWORTH	59
ZADA TAFT	75	BRUCE HOWELL	38	DAVID COTE	35	GRIN	2:06.60
RAY TAFT	75	LYNN WITTSTOCK	32	CLIFF JENNINGS	41	GEORGE QUIGLEY	54
ED MORAN	77	MAUREEN MENDOZA	34	JENNIFER LUKER	38	BEA HACKETT	50
SPM	3:12.52	RMM	1:43.87	GAYLE WETTACH	38	SHARON WISE	48
J. JOHNSTON	79	COLLETTE SAPPEY	30	TXAM	1:50.81	LEO FRENCH	47
F. CHICHANSKI	77	HOLDEN BANK	35	DEBORAH STARR	38	NEM	2:07.00
K. SCHIMPF	77	ANNA PETTIS SCOTT	32	S.NEILSON-BELL	39	EVELYN HAUSBERGER	51
F. WABOLT	81	VANCE HOWARD	34	PETER NUNAN	37	SUSAN MAGUIRE	46
*****		MICH	1:44.84	BRUCE GREENWOOD	38	BEN VAN DYK	50
RELAYS: MIXED 200 YD. MEDLEY		DYNE BURRELL	28	UTAH	1:50.88	HOMER LANE	45
*****		MARC SCHLATTER	36	ROBYNN MASTERS	36	55 +	
19 +		MARY MUETING	30	LO KNAPP	40		

TOP TEN SHORT COURSE YARDS

R:D.C. MASTERS	95	2:06.60	SYLVIA HILL	74	CRAIK DAVIS	43	KERRI NAUFUL	38
LEE BETTIS			SLAM	2:42.54	IEM	3:57.93	WENDY STONESIFER	36
JOANN LEILICH			REGAN KENNER	71	C.ARRASCADA	23	SO CAL AQUATICS	4:29.03
BILL NEWMAN			CAROL TAYLOR	66	PAM BERG	26	WAYNE YOUNG	44
JAYNE BRUNER			ART KELLEY	69	DAVID NICHOLS	28	BERNARD ORMSBY	29
DCM		2:06.60	JOHN GALLAHER	66	ROY BERG	26	CAROLINE WALROND	34
LEE BETTIS		57	SAN DIEGO SWIM	2:43.36	NORTH CAROLINA	4:01.45	KAREN KELLNER	26
JOANN LEILICH		56	BOBBI TURCOTTE	67	STEVE WEATHERMAN	39	CMM	4:32.18
BILL NEWMAN		55	ALICIA COLEMAN	69	ANITA IRONS	31	M ERICKSON	42
JAYNE BRUNER		61	FRED WADSWORTH	65	JANE PARKER	41	R RICHTER	42
NEM		2:12.61	WILLIAM PHILLIPS	66	ANDREW FARRELL	24	SARA SACHS	49
SUSAN LIVINGSTON		56	CONN	2:47.47	LA MESA MASTERS	4:10.50	JOHN OWSIANY	34
BARR CLAYSON		59	JOAN CAMPBELL	65	TRACY SEIDENVERG	24	35 +	
BRUCE HUNTER		55	SUZANNE GRAHAM	68	KEVIN MCKENZIE	40	R:TEXAS AQUATIC	95 3:30.17
CLAIRE O'BRIEN		56	WAYNE SHADBOLT	70	LYNN UNDERWOOD	30	S.NEILSON-BELL	
SPM		2:15.08	ROBERT KNAPP	78	BYRON KONOLD	24	DAVE HAGUE	
PAUL HUTINGER		70	GOLD	2:48.79	NORTH CAROLINA	4:14.24	KARLENE WISE	
ROBERT MACDONALD		66	BLANCHE GRAUER	67	JACQUILINE GILLIS	40	BRUCE GREENWOOD	
JAYNE LAMBKE		55	NORMAN SCHUECKLER	68	JENNIFER KOWALSKY	27	TXAM	3:30.17
FLORENCE CARR		69	LORING HOLMES	66	TIMOTHY FAHNING	30	S.NEILSON-BELL	39
NCMS		2:16.50	MARGARET TIMMINS	65	RALPH LAWRENCE	23	DAVID HAGUE	41
ROLFFS PINKERTON		56	HLJ	2:52.22	VENICE MASTERS	4:18.63	KARLENE WISE	41
SALLY NEWELL		57	R. AVERY	72	CAROLE SHIGAKI	39	BRUCE GREENWOOD	38
JOHN KORTHEUER		64	R. HOLMES	73	JOHN KOCKER	40	EMPIRE MASTERS	3:49.23
DAWN STROUPE		56	G. ZINT	77	TERI ELLIS	26	MARK QUIGLEY	36
SAN DIEGO SWIM		2:19.27	J. REYNOLDS	73	ANTONIO SALCEDO	24	GWEN DEELEY	45
BETSY JORDAN		58	SPM	2:58.30	SAN DIEGO SWIM	4:43.08	KAREN FARNSWORTH	39
LLOYD SKRAMSTAD		61	R. ATWOOD	74	ERIC NEILSEN	29	MATT CLARK	38
BILL EARLEY		58	T. SMITH	67	ANNETTE FENTON	35	WIS MASTERS	3:58.60
JEANNE LITTLE		58	G. OLSEN	68	ROBERT GAETA	26	NEDRA MOORE	40
VMST		2:19.74	F. CARR	69	ADRIENNE YEUNG	23	DAVID HOLLAND	36
LUCILLE GRIFFIN		56	O*H*I*O MASTERS	3:12.60	25 +		NANCY FISHER	43
JOHNNIE DETRICK		59	MARY CULHANE	73	R:U OF SAN FRAN	92 3:27.39	ALAN SMALLWOOD	35
FORREST SULLIVAN		65	JOAN HOFFMANN	65	DAN KNIGHT		C1776	4:12.25
CARL RUSS		60	PIERCE BRAY	71	KELLY ASPLUND		RICH SASSAMAN	38
DCM		2:22.08	DEXTER WOODFORD	81	MICHELLE YOUNG		DIANA CARTER	42
BARBARA ZAREMSKI		57			MATT JONES		JANE ZIEGLER	41
KENNETH FLYNN		65	75 +		SAN DIEGO SWIM	3:39.69	JOHN MCSHANE	43
EDWARD EMES		66	R:D.C. MASTERS	92 3:11.96	NED MAGGIORA	40	MICHIGAN MASTER	4:28.43
BETTY BREY		63	ANNE WALKER		KARLYN PIPES	33	BARBARA SCHULTZ	36
GOLD		2:22.20	KELLEY LEMMON		VICKY DAVIDSON	30	MICHAEL SCHULTZ	37
ALAN RAPPERPORT		61	BERT KASSELL		COLIN CHINN	36	CASSANDRA GARRY	40
ANNE MCGUIRE		60	COAST MASTERS	3:32.97	EMPIRE MASTERS	3:48.78	THOMAS MOYER	47
RAY WELSH		55	BRION WINSHIP	77	MATTHEW O'GRADY	34	GREATER COLUMBU	4:33.11
MARY ANN MEEKINS		69	MARTI GOGNIAT	84	MARCIA CLEVELAND	31	ROBERT WRIGHT	42
MARY		2:23.05	WALTER PFEIFFER	81	ABIGAIL FALK	33	ROBERT HAFERTEPEN	37
NANCY BROWN		59	MADELEINE MILLER	84	MICHAEL MURPHY	32	BOBBIE CORLEY	38
ROBERT JOHNSTON		58	SPM	3:43.05	C1776	3:53.64	VICKI KING	39
FRANCES WESTON		55	F. CIDHANSKI	78	PETER GRABER	40	NORTH CAROLINA	4:43.33
CARL CHRISTENSEN		57	J. JOHNSTON	79	ALYSON CHICK	32	SALLY NEWELL	57
RINCONADA		2:24.78	K. SCHIMPF	77	SALLY BEAUSHNER	33	BARBARA BRASWELL	41
ANN KAY		60	K. HOTVEDT	80	STEVE O'DAY	34	PAUL ROM	37
JACK HALLIDAY		57	*****		ALHAMBRA MASTER	3:54.67	PHIL EISENHART	52
BOBBIE CALLISON		62	RELAYS: MIXED 400 YD. FREE		STEVE LATTA	27	45 +	
ED KERSWILL		68	*****		TODD OLSON	30	R:LOS ALTOS	93 3:57.80
65 +			19 +		SUSAN HUMMER	25	ED CAZALET	
R:GOLD COAST	95	2:22.24	R:U OF SAN FRAN	92 3:25.18	JOAN VER HALEN	25	CAROLYN BOAK	
CYNTHIA BRUCE			GREG MACKEM		LONG BEACH SWIM	3:56.95	DAVE GRAY	
DON SONIA			JENNIFER SADLER		BRUCE HOWELL	38	KRISTI KING	
JUNE KRAUSER			BRENDA WICKLUND		DANIEL SULLIVAN	34	WIS MASTERS	4:42.32
WILLIAM DOLAN			GARY YANG		SHERRY GAERTNER	31	NANCY KRANPITZ	49
GOLD		2:22.24	OHIO UNIVERSITY	3:42.92	KAREN CHRISTENSEN	31	ALAN BECKER	52
CYNTHIA BRUCE		67	SISSEI ANDERSEN	25	HEARTLAND SWIM	4:00.21	BARBARA WEITZ	47
DONALD SONIA		65	BECCA STAUTBERG	20	RANDALL EICKHOFF	29	DICK PITMAN	50
JUNE KRAUSER		68	RUSTY BERNSTEIN	34	RON SCHAFFER	37	C1776	4:56.36
WILLIAM DOLAN		66	ANDREW CINOMAN	31	VICKI WEBSTER	32	MICHAEL LEVY	51
NEM		2:23.94	GREATER COLUMBU	3:53.31	REBECCA JACKMAN	31	MARY WIXTED	73
CLARA WALKER		68	CHRISTIE WOODRUFF	24	IEM	4:17.75	STEPHANIE WALSH	45
TED HAARTZ		67	JENNIFER JONES	26	BROOKS MCCARTNEY	27	HENRY DETERING	49
WINTHROP WILSON		68	MATT GROOM	31	MARGARET HAIR	39	IEM	6:08.94
JOAN MCINTYRE		66	DAVID POORBAUGH	23	CINDY CLUTTER	34	JAN SEVERTSON	57
O*H*I*O MASTERS		2:40.54	BIRMINGHAM	3:57.13	DAVE BARNES	39	LINDA ELY	49
PETER VAN DIJK		66	FRANK MYERS	21	ALHAMB MASTERS	4:27.62	SID ROSEN	73
PAUL KRUP		77	JENNIFER BURNS	32	R.SCHWANTNER	34	JOHN MILTON	67
BETTY RUSS		68	JANET SPAETH	31	M.HOLLINGSWORTH	31		

TOP TEN SHORT COURSE YARDS

55 +		DAVIS AQUATIC	4:03.11	DANIELLE OGIER	42	DAVID WOODRUFF	38
R:NEW ENGLAND	87 4:34.21	KEITH JEFFREY	23	UNIV. OF SAN FR	4:11.78	KRISTINE HARVEY	37
TOM LYNDON		CHRISSEY SCHULTZ	23	ANDREW GELLER	25		
TED HAARTZ		BRAD WINSOR	23	S.WINCKLER	36	45 +	
M MARTIN		KENDY RADASKY	19	VICTOR CASTILLO	30	R:LOS ALTOS	94 4:21.50
D REED		TAMALPAIS	4:04.82	NATALIE EFFA	27	DICK THOMAS	
MARYLAND	5:15.51	GREG HRIBAR	26	SANTA CLARA	4:20.45	SUSAN ROY	
KEN POLLOCK	62	KATIE KELLY	25	DIANA WHIPPLE	25	CAROLYN BOAK	
JILL COLEMAN	64	BRIAN MURRAY	24	DARREN MCCARTHY	29	DAVID GRAY	
NANCY BROWN	58	CINDY CLEMENTS	34	SUSIE BLAKE	29	LOS ALTOS	4:44.15
YU-JIN LEE	60	UNIV. OF SAN FR	4:07.83	ED STRICKER	42	JIM MCCOY	52
C1776	5:17.15	JENNIFER TOTON	24	DAVIS AQUATIC	4:20.89	SUSAN ROY	47
PAUL CROLEY	60	LISA SUMMERS	24	TRACY KNORR	25	CAROLYN BOAK	49
PATRICIA TULLMAN	58	ERIC BOSERUP	24	JEFF FALEY	30	DAVE GRAY	48
BARBARA JOHNSON	62	MATT CEVALLOS	24	JENNIFER LUNDMARK	27	DAVIS AQUATIC	4:51.25
EDWARD BITNER	72	SANTA CLARA	4:09.10	MICHAEL COLLINS	29	SUSAN MUNN	46
OJAI-SANTA BARB	5:29.81	JO MILLARD	20	MOUNTAIN VIEW	4:31.37	GAYLE BONDURANT	48
JAN RAINS	61	KIRK OSTROWSKI	23	CHRIS SLOCUM	29	ANDY MCPHERSON	48
ROBERT MAY	61	BOB DUGAN	33	ERIC WOLFF	34	CURT MILLER	46
JOHN BLECK	61	ANNE WATKINS	19	MO CHAMBERS	36	WCM	5:01.55
GAY COLLINS	64	WEST ATHLETIC	4:09.88	LAURA SCHUSTER	29	JIM KING	48
PNA	7:27.98	MARK BOCK	33			CAROL LAIRD	52
EVERETT CASSELL	81	ALICE CANTWELL	22	35 +		BILL BROWN	51
MARION CHADWICK	73	DAVE PHILLIPS	38	R:TEXAS AQUATIC	95 4:04.49	DONNA MONROE	61
JANET KAVADAS	63	AIMEE LEHR	27	DEBBIE STARR		STRAWBERRY CANY	5:05.68
GENE CROSSETT	81	WCM	4:14.70	S.NEILSON-BELL		BOB UPSHAW	45
		PENNY LEACH	32	DAVID HAGUE		CAROL RIDDELL	47
		MAL JESTER	46	PETE NUNAN		JEREMY COHEN	46
		SUSAN VAN SICKLE	23	TXAM	4:04.49	SUSAN GARFIN	51
65 +		GARY GIBB	28	DEBORAH STARR	38	RINCONADA	5:09.34
R:CONNECTICUT	87 5:15.84	STRAWBERRY CANY	4:16.71	S.NEILSON-BELL	39	BILL LORTON	52
D. DONNELLY		GRACE MOON	24	DAVID HAGUE	41	NANCY BROOKS	52
N. PHILLIPS		MARK BUENSALIDO	21	PETER NUNAN	38	RUTH PETERSON	48
R. CHAMBERLAIN		KENT PALMER	21	WCM	4:06.33	STEVE CALLENDER	53
J. JERROLD		JESSICA RUBY	21	PATTY LANDERS	38	UNIV. OF SAN FR	5:18.55
C1776	5:23.17	GREATER COLUMBU	4:18.56	TOM DUGAN	36	SUSAN ALLEN	50
WILLIAM MARINO	67	CHRISTIE WOODRUFF	24	KERRY OEBRIEN	38	PAUL MENYHARTH	48
CAROLYN DERR	67	JOHN UNVERZAGT	29	SUZANNE HEIM	36	RICHARD ATONDO	45
JEANNE MERRYMAN	72	DAVID POORBAUGH	23	TOC	4:07.32	ANNE SASAKI	45
ROBERT HARRIS	69	JENNIFER JONES	26	MIKE KECK	35	MICHIGAN	5:22.43
COAST MASTERS	6:54.71			BOB STRAND	49	FREDERICA RAPP	50
MADELEINE MILLER	84	25 +		DANIELLE OGIER	42	BEVERLY MYERS	59
KATHY DIXON	67	R:WALNUT CREEK	91 3:51.18	MARGUERITE MEYER	36	THOMAS HUNT	47
WALTER PFEIFFER	81	PAM BOSCOVICH		WIS MASTERS	4:12.75	JAY RYNO	48
WOODY BOWERSOCK	81	TOM FRISTOE		NANCY FISHER	43	TAMALPAIS	5:30.59
OJAI-SANTA BARB	7:56.58	STEVE STAHL		DAVID HOLLAND	36	BEN WRIGHT	52
JENNIE TAYLOR	77	SARA SHAND		KEVIN WELTON	35	GLENDIA CARROLL	51
CLARK WEBSTER	79	SANTA CLARA	3:54.68	NEDRA MOORE	40	NANCY RIDOUT	53
JOHN MELVILLE	75	B.LICHTENWALTER	28	SANTA CLARA	4:17.34	RICHARD HOWELL	49
PEGGY SANBORN	67	JOHN GRAF	27	TIM CESPEDES	35	IEM	5:31.43
		LAURA VAL	43	HOWARD COYE	40	KATIE BLANK	47
75 +		LISA HAZEN	30	LAURA VAL	43	DAVE DABOLL	58
R:D.C. MASTERS	94 6:52.98	WCM	3:56.72	DEBORAH ELLIS	37	CAROLYN KENT	49
ANNE WALKER		PAM BOSCOVICH	32	WCM	4:20.24	CHUCK TASCA	49
JEAN CHENAUX		TERRY DIXON	30	GENE HART	42	STRAWBERRY CANY	5:47.32
CHARLES ROY		STEV STAHL	30	CHARLENE OEBRIEN	38	SILE CONVERY	46
KELLEY LEMMON		MICHELLE GHIGGERI	26	DEBBIE FLANSBURG	39	RITA TIDWELL	47
NO RELAY TEAMS		UNIV. OF SAN FR	3:57.43	CARY KENT	42	DEL UPTON	45
*****		DAN VEATCH	30	RINCONADA	4:34.40	JERRY ABAD	56
RELAYS: MIXED 400 YD. MEDLEY		WILLIAM LAPSEY	27	FRED FARLEY	41		
*****		PAM FRANKLIN	25	JUDITH SCHWARTZ	40	55 +	
19 +		CATHY FLORKOWSKI	27	KIRK KOSLOWSKI	36	R:D.C.MASTERS	95 5:04.64
R:U OF SAN FRAN	91 3:58.70	WCM	4:02.27	CAROL MACPHERSON	56	JAYNE BRUNER	
JILL ROTHKOPF		PAT DUGAN	31	MANATEES	4:36.93	JOANN LEILICH	
PERRY WU		JOHN SCHWENGER	30	MARK HUFFMAN	37	RICHARD CHEADLE	
DAVE SCHRAVEN		CAREN MCNAMARA	34	GRANT INMAN	43	BILL NEWMAN	
LORETTA SOFFE		PAULA ROEMER	34	RUTH SHAPS	47	DC MASTERS	5:04.64
WCM	3:58.77	LOS ALTOS	4:05.82	PAM WOLF	42	JAYNE BRUNER	60
KATHLEEN HARTNELL	23	CHRIS BREEDY	34	LOS ALTOS	4:44.66	JOANN LEILICH	56
KAREN HEARD	24	LUCILLE GLASSMAN	31	CARL COLVARD	40	RICHARD CHEADLE	57
LARRY TAJIRI	28	GREG MACKEM	26	TOM BOAK	51	BILL NEWMAN	55
JIM LAWRENCE	31	GREG DOYAS	31	WENDY JOHNSON	39	WCM	5:25.77
STANFORD MASTER	4:02.38	STANFORD MASTER	4:06.12	KATHY ENGLER	37	DON BROWN	61
C.CHICHESTER	31	C.CHICHESTER	31	DAVIS AQUATIC	4:48.66	JOAN ALEXANDER	62
BRIAN SCOTTOLINE	30	BRIAN SCOTTOLINE	29	ANDREW WOOD	37	MIDGE KRAETZER	56
ROSS FELDMAN	23	RANDY COX	32	DIANE STRONG	42	DENNIS BLEDSOE	56
KANA SHIBUYA	23						

TOP TEN SHORT COURSE YARDS

LOS ALTOS	5:35.32	*****		LORETTA SOFFE	28	THOMAS MOYER	47
JIM DULEY	55	19 +		CORY MACKIE	31	CASSANDRA GARRY	40
DELLA SEHORN	67	R:DAVIS	92 7:48.42	DEAN PANZICA	32	BARBARA SCHULTZ	36
BOB PROEBSTING	57	ANNA SCOTT		SAN DIEGO SWIM	8:05.09	MICHAEL SCHULTZ	37
CLARINE ANDERSON	59	C. CHICHESTER		NED MAGGIORA	40	O*H*I*O MASTERS	11:55.66
SAN DIEGO SWIM	5:38.19	ANDY MCPHERSON		KARLYN PIPES	33	RON BUDZ	47
BILL EARLEY	58	DARREN DUTTO		ERIC NEILSEN	29	KATHY CURTIS	46
PETER RIDDLE	57	DAVIS AQUATIC	7:55.36	VICKY DAVIDSON	30	NANCY MILLS	42
BETSY JORDAN	58	BRAD WINSOR	23	SANTA CRUZ MAST	8:09.57	PHIL WILLIAMSON	61
JEANNE LITTLE	58	MATT GRAHN	22	AMY DEARMOND	26		
RINCONADA	5:43.35	CHRISSEY SCHULTZ	23	ELAINE WIMER	35	45 +	
ANN KAY	61	JEN LUNDMARK	28	BRENDAN MCNULTY	35	R:SAN DIEGO	95 9:01.15
ALDO DA ROSA	77	WCM	8:08.37	BILL DRULIUS	43	BARBARA DUNBAR	
AUGIE MOTMANS	67	KAREN HEARD	24	MENLO PARK MAST	8:18.58	BETSY JORDAN	
SUE SPRINGER	56	SUSAN VAN SAICKLE	23	MONICA LEE	27	RONALD MARCIKIC	
MARYLAND	5:44.72	JIM LAWRENCE	29	BRIAN KOHLMEIER	25	CHARLES PATRICK	
KEN POLLOCK	62	BRAD GOTHBERG	33	LISA SHEEPER	30	SAN DIEGO SWIM	9:01.15
JILL COLEMAN	64	OHIO UNIVERSITY	8:24.21	JOHN MARSHALL	25	BARBARA DUNBAR	46
DON RICE	61	SISSEI ANDERSEN	25	WCM	8:28.87	BETSY JORDAN	58
NANCY BROWN	58	MARIANA ZARILIC	19	MIKE HEANEY	28	RONALD MARCIKIC	45
ST PETE	5:49.81	RUSTY BERNSTEIN	34	PAM BOSCOVICH	32	CHARLES PATRICK	46
J. LAMBKE	55	ANDREW CINOMAN	31	KARA DOUGLAS	37	UNIV. OF SAN FR	9:50.95
S. STEER	55	SANTA CLARA	8:31.72	CARY KENT	42	DUKE DAHLIN	46
M. TORSNEY	64	E.THUNEN-FRENCH	20	ALHAMBRA MASTER	8:51.86	JOHN LADD	49
C. KOHNKEN	63	LAURA VIALE	19	BILL DARBY	47	ANNE SASAKI	45
DAVIS AQUATIC	5:50.60	FRED KOEHLER	35	KERRI NAUFUL	38	SUSAN ALLEN	50
SUSAN MUNN	56	MARCO CAMPAGNA	23	JOAN VER HALEN	25	DAVIS AQUATIC	9:51.12
PATTI GAY	65	GREATER COLUMBU	8:33.55	STEVE LATTA	27	GAYLE BONDURANT	48
EMORY HAWORTH	58	CHRISTIE WOODRUFF	24	O*H*I*O MASTERS	9:03.06	BETTY DUGAN	52
STEVE CARLSON	75	JENNIFER JONES	26	GORDON DEMEESTER	52	ANDY MCPHERSON	48
WIS MASTERS	6:06.00	MIKE DAVIDSON	26	RITA GARRY	33	JAMES FRAMPTON	47
DORIS KLITZKE	59	DAVID POORBAUGH	23	JOANNE BOWSER	41	MICHIGAN	10:15.03
JOHN BAUMAN	64	MINNESOTA	9:17.06	GREG CONNEL	28	BEVERLY MEYERS	59
ROBERT KUENY	64	ROBERT THOMPSON	26			THOMAS MOYER	47
INGRID STINE	56	ANICIA MARTINEZ	21	35 +		FREDERIKA RAPP	50
OJAI-SANTA BARB	6:21.50	NICKI PETERS	25	R:OLYMPIC CLUB	95 7:58.83	DONALD KROEGER	51
SYLVIA GLENN	57	WAYDE MULHERN	35	BOB PLACAK		WCM	10:27.35
JOHN BLECK	62	SAN DIEGO SWIM	9:26.90	MARGUERITE MEYER		HAROLD BOSCOVICH	52
MALCHIA OLSHAN	64	COLIN CHINN	36	DANIELLE OGIER		MIKE PIAZA	49
ROBERT MAY	61	MATHILDE BOUWMA	27	MIKE KECK		JOAN SPANGLER	51
		RICHARD KATZMAN	37	TOC	7:58.83	SUZANNE ANGIOLI	46
		ADRIENNE YEUNG	23	BOB PLACAK	36	COLONIALS"1776"	12:08.71
65 +		OHIO UNIVERSITY	9:37.15	MARGUERITE MEYER	36	SAM HOSSAIN	53
R:COLONIALS 1776	93 5:50.65	BECCA STAUTBERG	20	DANIELLE OGIER	42	MARY ANN MCCLAIN	53
JEANNE MERRMAN		BETH TANT	20	MIKE KECK	35	NEAL CONRAD	46
ROGER FRANKS		MICHAEL WION	20	WCM	8:08.03	JACKIE MURPHY	51
JOHN EMANUEL		CHRISTOPHER PUIN	30	KERRY OEBRIEN	38	UNIV. OF SAN FR	12:50.45
CAROLYN DERR		LA MESA MASTERS	11:09.32	TOM DUGAN	42	RICHARD ENSOR	47
UNIV. OF SAN FR	6:32.42	MICHAEL KONOLD	23	SUZANNE HEIM	36	DOUG AKAGI	50
MARGARET VORHEES	66	MARIA O'CONNELL	47	CHARLENE OEBRIEN	38	MARTHA CAMPBELL	46
BOB DANIELSON	65	ROSEMARY HUTZLEY	40	UNIV. OF SAN FR	8:57.54	BARBARA LAMBERTO	50
GAIL ROPER	65	KEVIN MCKENZIE	40	STEVE MUNDSCHAU	41		
RICHARD SCHOMBERG	68			CATHY HUANG	40	55 +	
SAN DIEGO SWIM	6:37.68	25 +		TOM MONICA	39	R:D.C.MASTERS	95 10:02.87
DIANA SILVA	73	R:WALNUT CREEK	91 7:41.32	KATE HUTTLESTON	35	JAYNE BRUNER	
FRED WADSWORTH	66	JOHN BOEGMAN		UNIV. OF SAN FR	8:58.05	JOANN LEILICH	
DON HUBBARD	67	CATHY COOLEY		RONALD HOTMER	41	RICHARD CHEADLE	
BOBBI TURCOTTE	67	SARA SHAND		DOUGLAS CONRAD	35	BILL NEWMAN	
WCM	7:02.00	GREG REMMERT		MARY SAAL	41	DC MASTERS	10:02.87
FRED TRASK	66	WCM	7:45.96	LISA DANYLUK	35	JAYNE BRUNER	60
BETTY MCMILLAN	66	PAT DUGGAN	31	CONN MASTERS	9:47.61	JOANN LEILICH	56
BILL JOHNSTON	76	PENNY LEACH	32	MAUREEN BARRE	37	RICHARD CHEADLE	57
BETTY BARABASH	66	MICHELLE GHIGGERI	26	KIM TAYLOR	46	BILL NEWMAN	55
		STEVE STAHL	30	THOMAS MEEHAN	38	WCM	10:38.99
75 +		SANTA CLARA	7:47.46	ROBERT KANE	40	ANN PISCIOTTA	64
R:SAN MATEO	95 8:10.41	KATHRIN LAMMERS	25	UNIV. OF SAN FR	9:53.46	BARBARA JORDAN	57
JOE KAUFMAN		LISA HAZEN	30	MARK SULLIVAN	41	FRED TRASK	66
HELEN ROUMASSET		HOWARD COYE	40	BRIAN SKUSE	38	DENNIS BLEDSOE	56
RAY TAFT		MIKE MOORE	31	NANCY CUTLER	41	SAN DIEGO SWIM	10:51.03
AUDREY ETIENNE		OREGON	7:57.17	BARBARA BYRNES	38	KENNETH KIMBALL	64
SAN MATEO	8:10.41	SIMONE LEPAY	34	OXM	10:13.39	JEANNE LITTLE	58
JOE KAUFMAN	90	TIMOTHY O'BRIEN	31	JENNY ANDERSON	36	BETSY JORDAN	58
HELEN ROUMASSET	79	ELLEN FERGUSON	32	LYNETTE UNGER	43	BILL EARLEY	58
RAY TAFT	75	STEPHEN HARGER	35	TOM BOYD	38	DAVIS AQUATIC	11:01.29
AUDREY ETIENNE	78	UNIV. OF SAN FR	8:03.39	LARRY SHERMAN	53	SUSAN MUNN	56
*****		THORSTEN ANDERSON	31	MICHIGAN MASTER	10:20.07	PATTI GAY	65
RELAYS: MIXED 800 YD. FREE							

TOP TEN SHORT COURSE YARDS

EMORY HAWORTH	58
STEVE CARLSON	75
UNIV. OF SAN FR	11:07.04
JOE ILLICK	60
NANCY STRETCH	55
DANIEL OSBORNE	61
TANAKO HAGIWARA	56
WIS MASTERS	11:59.31
HARLAN DRAKE	66
INGRID STINE	55
DORIS KLITZKE	59
ROBERT KUENY	63
OJAI-SANTA BARB	12:10.88
ROBERT MAY	61
JOHN BLECK	62
JAN RAINS	61
MALCHIA OLSHAN	64
UNIV. OF SAN FR	13:49.24
GAIL ROPER	65
RICHARD SCHOMBERG	68
KURT HENSCH	65
MARY ALLEN	62

65 +

R:LOS ALTOS	93 11:24.83
JOHN PONICHIL	
DELLA SEHORN	
BERNA BENNETT	
JOHN RICHARDS	
SAN DIEGO SWIM	12:30.92
WILLIAM PHILLIPS	67
BOBBI TURCOTTE	67
DIANA SILVA	73
FRED WADSWORTH	66
CONN MASTERS	13:53.15
DOROTHY DONNELLY	73
JOAN CAMPBELL	65
ELIOTT SCHOFIELD	72
VAL OUCHAKOF	71

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

Short course Yards Top Ten '94-95 includes times performed in sanctioned and recognized competitions from June 1, 1994 through May 31, 1995, **reported in a timely manner** by local Top Ten Recorders to our National Recorder, Walt Reid, plus times from SC National Championships and times performed by USMS members in YMCA Masters Nationals.

Ready for some arithmetic? 18 events x 32 age groups x 10 places per event add up to a monumental 5,760 slots Walt must handle. Then add 5 relay x 8 age groups x 2 (men and women) and there's another 800 slots. Makes you appreciate even more the yeoman service and dedication of Walt, his Top Ten Committee and the Local Recorders.

Everyone on the list is eligible for a Top Ten patch. We remind you these are not offered by USMS, but are a project of Lake Erie IMSC. Five dollars sent to Darynne Ferguson, P.O. Box 8005, Canton, OH 44711 will get a patch and a stroke segment (free, Back, etc.) - add another dollar for each additional segment. Tell Darynne your name, age, event, and year performed. Relay members also eligible

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

Published September 1995

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