

\$6.00

***United States  
Masters Swimming Inc.***

**1991/1992  
Top Ten  
Short Course Yards**

**and  
World Records**

**As of May 31, 1992**

**Short Course Meters  
Long Course Meters**



***Published September 1992***



# TOP TEN

## SHORT COURSE YARDS

<p>50 YD. FREE WOMEN 19-24</p> <p>23.97 SUDI MILLER 91</p> <p>24.08 LINDA SUHS 24</p> <p>24.45 KIMBERLY BEATTIE 24</p> <p>24.55 JENNIFER A SADLER 20</p> <p>24.67 JILL BENDA 23</p> <p>24.85 DANA DUTCHER 24</p> <p>25.14 SUSAN BRENNAN 24</p> <p>25.20 PAMELA STALTER 24</p> <p>25.26 LAUREL LYNCH 24</p> <p>25.31 M.CHAPMAN-THURBER 24</p> <p>25.37 MICHELLE LEARY 24</p> <p>100 YD. FREE WOMEN 19-24</p> <p>52.08 SUDI MILLER 91</p> <p>53.06 LINDA SUHS 24</p> <p>53.98 KIMBERLY BEATTIE 24</p> <p>54.00 JENNIFER A SADLER 20</p> <p>54.75 MARILYN PECK 22</p> <p>55.28 BRENDA J WICKLUND 23</p> <p>55.35 DANA DUTCHER 24</p> <p>55.42 M.CHAPMAN-THURBER 24</p> <p>55.46 CYNTHIA HINSHAW 22</p> <p>55.47 COURTNEY SEARCY 24</p> <p>55.56 LAUREL F LYNCH 24</p> <p>200 YD. FREE WOMEN 19-24</p> <p>1:54.22 DIANE GRANER 89</p> <p>1:57.54 KIMBERLY BEATTIE 24</p> <p>1:57.59 MARILYN PECK 22</p> <p>1:58.88 CYNTHIA HINSHAW 22</p> <p>2:00.77 ANN KNOLL 24</p> <p>2:00.99 MICHELLE LEARY 24</p> <p>2:00.99 SHERRI WELDON 21</p> <p>2:02.17 BRENDA J WICKLUND 23</p> <p>2:02.26 SUSIE RABIAH 24</p> <p>2:02.82 CONNIE MCVEY 22</p> <p>2:03.26 PAMELA STALTER 24</p> <p>500 YD. FREE WOMEN 19-24</p> <p>5:04.90 DIANE GRANER 89</p> <p>5:08.15 CYNTHIA HINSHAW 22</p> <p>5:24.83 CONNIE MCVEY 22</p> <p>5:25.72 LYNNE TEDESCO 22</p> <p>5:27.45 ANI MEKHJIAN 22</p> <p>5:29.63 KIMBERLY BEATTIE 24</p> <p>5:30.83 SUSIE RABIAH 24</p> <p>5:31.24 JENNIFER SMITH 24</p> <p>5:34.23 KARIN ANDREN 22</p> <p>5:34.40 AMY KNOTT 24</p> <p>5:36.74 KATIE DECKER 21</p> <p>1000 YD. FREE WOMEN 19-24</p> <p>11:01.53 EILEEN GORRY 90</p> <p>10:41.76 MARILYN PECK 22NV</p> <p>11:03.79 SHERRI WELDON 21</p> <p>11:41.18 JANET HAUER 23</p> <p>11:49.00 SHAUNA TRAUB 21</p> <p>11:50.02 MARCIA SAMSEL 21</p> <p>11:50.89 D.LEAVENWORTH 24</p> <p>11:51.42 STEPHANIE KOZOWYK 22</p> <p>11:53.99 KRISTEN MC CARY 22</p> <p>12:00.60 DENISE DEPPERER 24</p> <p>12:06.11 MARGARET HOWREY 24</p> <p>1650 YD. FREE WOMEN 19-24</p> <p>17:31.70 KAREN BURTON 87</p> <p>17:48.21 CYNTHIA HINSHAW 22</p> <p>19:35.31 DEBORAH E HEIM 22</p> <p>19:44.18 STEPHANIE KOZOWYK 22</p> <p>19:49.43 GINA DIERSING 22</p> <p>19:50.76 AMY KNOTT 24</p> <p>20:05.54 SHELLEY SINK 19</p> <p>20:59.11 TAMMI KEELER 23</p> <p>21:58.27 DENISE THOMPSON 20</p> <p>22:06.31 JILL DESCHER 23</p> <p>23:05.41 KARRIE WOLNIK 21</p>	<p>50 YD. BACK WOMEN 19-24</p> <p>27.85 DEBBIE RISEN 90</p> <p>27.98 LINDA SUHS 24</p> <p>28.78 STEFANIE KEISKA 23</p> <p>28.99 M.DONAHUE 24</p> <p>29.07 DANA DUTCHER 24</p> <p>29.13 JENNIFER A SADLER 20</p> <p>29.14 TERRI O'LOUGHLIN 24</p> <p>29.56 JILL BENDA 23</p> <p>30.24 JANICE E LESYNA 24</p> <p>30.27 AMY KNOTT 24</p> <p>30.54 MICHELE FOX 22</p> <p>100 YD. BACK WOMEN 19-24</p> <p>57.96 DEBBIE RISEN 90</p> <p>1:01.25 LINDA SUHS 24</p> <p>1:02.31 CYNTHIA HINSHAW 22</p> <p>1:02.34 KIMBERLY BEATTIE 24</p> <p>1:02.87 JENNIFER A SADLER 20</p> <p>1:02.93 M.DONAHUE 24</p> <p>1:03.41 PAMELA STALTER 24</p> <p>1:03.97 MARILYN PECK 22</p> <p>1:03.99 AMY KNOTT 24</p> <p>1:04.16 STEFANIE KEISKA 23</p> <p>1:05.30 MICHELLE LEARY 24</p> <p>200 YD. BACK WOMEN 19-24</p> <p>2:07.07 DIANE GRANER 89</p> <p>2:10.81 CYNTHIA HINSHAW 22</p> <p>2:10.93 M.DONAHUE 24</p> <p>2:16.73 SUSIE RABIAH 24</p> <p>2:18.55 KARIN ANDREN 22</p> <p>2:20.34 SUSAN COONEY 23</p> <p>2:20.98 CARMEN BRUN 24</p> <p>2:21.51 JANICE E LESYNA 24</p> <p>2:21.57 MICHELE FOX 22</p> <p>2:21.58 AMY KNOTT 24</p> <p>2:23.18 D.LEAVENWORTH 24</p> <p>50 YD. BRST WOMEN 19-24</p> <p>31.14 COURTNEY SEARCY 92</p> <p>31.14 COURTNEY SEARCY 24</p> <p>31.71 LISA BROWN 21</p> <p>32.64 RAE ASBRIDGE 23</p> <p>33.16 MARY KUSKOWSKI 23</p> <p>33.18 JANET HAUER 23</p> <p>33.55 LISA CHANG 24</p> <p>33.71 DANA DUTCHER 24</p> <p>33.75 TERRI O'LOUGHLIN 24</p> <p>33.81 LISA M CHRISTO 24</p> <p>33.83 BRENDA J WICKLUND 23</p> <p>100 YD. BRST WOMEN 19-24</p> <p>1:08.12 ANNE TWEEDY 87</p> <p>1:09.16 LISA BROWN 21</p> <p>1:10.30 LISA M CHRISTO 24</p> <p>1:10.71 JANET HAUER 23</p> <p>1:12.05 LISA CHANG 24</p> <p>1:12.13 LYNNE TEDESCO 22</p> <p>1:12.64 HEIDI WENCEL 23</p> <p>1:12.73 RAE ASBRIDGE 23</p> <p>1:13.45 MARY KUSKOWSKI 23</p> <p>1:13.46 LYNNE PECKENHAM 21</p> <p>1:13.56 BRENDA J WICKLUND 23</p> <p>200 YD. BRST WOMEN 19-24</p> <p>2:25.40 ANNE TWEEDY 87</p> <p>2:27.55 BETHANNE LAMBERT 24</p> <p>2:30.62 JANET HAUER 23</p> <p>2:32.24 LISA M CHRISTO 24</p> <p>2:34.19 LISA BROWN 21</p> <p>2:36.54 LYNNE TEDESCO 22</p> <p>2:37.29 LOUISE WILKERSON 23</p> <p>2:38.22 WENDY GREENING 19</p> <p>2:40.57 HEIDI WENCEL 23</p> <p>2:44.01 M.DONAHUE 24</p> <p>2:45.39 MARY KUSKOWSKI 23</p>	<p>50 YD. FLY WOMEN 19-24</p> <p>26.59 SUDI MILLER 91</p> <p>26.40 TERRI O'LOUGHLIN 24NV</p> <p>27.02 LINDA SUHS 24</p> <p>27.31 JILL BENDA 23</p> <p>27.54 SUSAN BRENNAN 24</p> <p>27.91 JENNIFER A SADLER 20</p> <p>28.44 DANA DUTCHER 24</p> <p>28.53 CYNTHIA HINSHAW 22</p> <p>28.66 MELISSA ZAHARIAS 23</p> <p>28.80 MEGAHN MCCARTHY 22</p> <p>28.85 MINDY WARMBRAND 24</p> <p>100 YD. FLY WOMEN 19-24</p> <p>57.39 SUDI MILLER 91</p> <p>1:01.73 MICHELLE LEARY 24</p> <p>1:02.93 MINDY WARMBRAND 24</p> <p>1:03.41 DENISE TUFT 23</p> <p>1:03.45 MELISSA ZAHARIAS 24</p> <p>1:03.49 MONICA LEE 24</p> <p>1:03.59 NATALIE C EFFA 24</p> <p>1:04.25 TRICIA POWELL 22</p> <p>1:04.36 SUSAN AUGUSTUS 24</p> <p>1:04.55 MEGAHN MCCARTHY 22</p> <p>1:04.58 STEPHANIE KOZOWYK 22</p> <p>200 YD. FLY WOMEN 19-24</p> <p>2:11.03 SARAJANE TUREK 91</p> <p>2:17.05 CYNTHIA HINSHAW 22</p> <p>2:19.36 CHRISTINA PLANJE 19</p> <p>2:24.15 SUSAN COONEY 23</p> <p>2:24.72 TRISHA SCHWERZLER 24</p> <p>2:26.13 MELISSA ZAHARIAS 24</p> <p>2:28.10 CHRISTINA RICE 22</p> <p>2:31.91 MONICA LEE 24</p> <p>2:36.82 NICOLE TEW 23</p> <p>2:47.12 DENISE THOMPSON 20</p> <p>2:52.51 TAMMI KEELER 23</p> <p>100 YD. I.M. WOMEN 19-24</p> <p>59.21 SUDI MILLER 91</p> <p>1:00.65 COURTNEY SEARCY 24</p> <p>1:01.26 LINDA SUHS 24</p> <p>1:02.42 TERRI O'LOUGHLIN 24</p> <p>1:02.82 LAUREL LYNCH 24</p> <p>1:02.94 PAMELA STALTER 24</p> <p>1:03.14 DANA DUTCHER 24</p> <p>1:04.08 JENNIFER A SADLER 20</p> <p>1:04.35 LISA CHANG 24</p> <p>1:04.92 SHERRI WELDON 21</p> <p>1:04.94 KATHARINE HOEHL 21</p> <p>200 YD. I.M. WOMEN 19-24</p> <p>2:08.74 SUDI MILLER 91</p> <p>2:16.02 JANET HAUER 23</p> <p>2:17.08 MICHELLE LEARY 24</p> <p>2:18.56 PAMELA STALTER 24</p> <p>2:19.00 CONNIE MCVEY 22</p> <p>2:19.37 JENNIFER A SADLER 20</p> <p>2:20.50 LYNNE TEDESCO 22</p> <p>2:22.16 LISA CHANG 24</p> <p>2:22.85 ANNIE M IANTOSCA 23</p> <p>2:22.97 LYNNE PECKENHAM 21</p> <p>2:22.98 CARMEN BRUN 24</p> <p>400 YD. I.M. WOMEN 19-24</p> <p>4:45.34 NANCY STAUFFER 88</p> <p>4:48.29 JANET HAUER 23</p> <p>4:54.61 LYNNE TEDESCO 22</p> <p>5:00.19 CHRISTINA PLANJE 19</p> <p>5:01.87 CARMEN BRUN 24</p> <p>5:04.61 DEBORAH E HEIM 22</p> <p>5:07.99 LISA CHANG 24</p> <p>5:09.49 PAULA JONES 23</p> <p>5:11.85 SUE COONEY 23</p> <p>5:14.28 NANCY MC ILVAINE 24</p> <p>5:14.54 MARGARET HOWREY 24</p>
<p>*****</p> <p>50 YD. FREE WOMEN 25-29</p> <p>23.20 ANNA PETTIS-SCOTT92</p> <p>23.20 ANNA PETTIS-SCOTT 29</p> <p>23.63 LISA O'DELL 26</p> <p>24.17 SARA SHAND 27</p> <p>24.84 SUE BRENNAN 25</p> <p>24.95 CHRISTINE HOLMAN 27</p> <p>24.99 BABETTE ROMANCIER 28</p> <p>25.05 TERESA ZURICK 26</p> <p>25.07 T.SESEK-FARELL 25</p> <p>25.21 JAMIE HERRINGTON 26</p> <p>25.32 CAROL OLSON 29</p> <p>100 YD. FREE WOMEN 25-29</p> <p>51.24 SARA SHAND 91</p> <p>51.67 ANNA PETTIS-SCOTT 29</p> <p>51.67 LISA O'DELL 26</p> <p>52.26 SARA SHAND 27</p> <p>53.71 SUE BRENNAN 25</p> <p>53.94 TERESA ZURICK 26</p> <p>54.08 BABETTE ROMANCIER 28</p> <p>54.26 LAUREEN WELTING 26</p> <p>54.52 CHRISTINE HOLMAN 27</p> <p>54.54 DIANE GRANER 27</p> <p>54.92 CORRIN CONVIS 27</p> <p>200 YD. FREE WOMEN 25-29</p> <p>1:51.80 SARA SHAND 91</p> <p>1:53.44 SARA SHAND 27</p> <p>1:56.12 LAUREEN WELTING 26</p> <p>1:56.18 ANNA PETTIS-SCOTT 29</p> <p>1:56.47 BABETTE ROMANCIER 28</p> <p>1:56.94 STACY JONES 26</p> <p>1:57.80 SUSIE RABIAH 25</p> <p>1:58.29 CAROL OLSON 29</p> <p>1:58.68 SUE BRENNAN 25</p> <p>1:59.47 LAURIE HUG 26</p> <p>2:00.16 LESLEY A CHEQUER 26</p> <p>500 YD. FREE WOMEN 25-29</p> <p>4:56.18 KAREN BURTON 91</p> <p>5:05.49 LAUREEN WELTING 26</p> <p>5:06.79 KAREN BURTON 29</p> <p>5:15.51 ANNA PETTIS-SCOTT 29</p> <p>5:17.05 LESLEY A CHEQUER 26</p> <p>5:18.00 SUSIE RABIAH 25</p> <p>5:19.61 LAURIE HUG 26</p> <p>5:20.76 STACY JONES 26</p> <p>5:23.07 ELLEN FERGUSON 29</p> <p>5:24.11 LORETTA M SOFFE 25</p> <p>5:25.06 SARAH MULLIGAN 28</p> <p>1000 YD. FREE WOMEN 25-29</p> <p>10:17.82 KAREN BURTON 91</p> <p>10:34.97 KAREN BURTON 29</p> <p>10:40.89 LESLEY A CHEQUER 26</p> <p>11:03.88 STACY JONES 26</p> <p>11:07.35 DIANE DE BOBES 26</p> <p>11:13.50 ANN DEPUTY 27</p> <p>11:13.96 ANDREA DEVUONO 29</p> <p>11:15.16 HEIDI KELLER 27</p> <p>11:18.93 SHERI BROWNSTEIN 25</p> <p>11:19.40 KRISTEN HENSON 25</p> <p>11:21.24 SUSAN ALTMAN 28</p> <p>1650 YD. FREE WOMEN 25-29</p> <p>16:50.17 KAREN BURTON 91</p> <p>17:21.82 KAREN BURTON 29</p> <p>18:23.89 ELLEN FERGUSON 29</p> <p>18:31.13 J.EDMUNDSON 28</p> <p>18:33.49 GAIL GRABOWSKY 29</p> <p>18:39.32 SARAH MULLIGAN 28</p> <p>18:40.37 DEBORAH ZIMIC 29</p> <p>18:41.56 SUE ALTMAN 29</p> <p>18:58.29 J.KEOGH-BERGETHON 28</p> <p>19:00.88 SHERI BROWNSTEIN 25</p>		

# TOP TEN

## SHORT COURSE YARDS

19:07.62 MARCIA CLEVELAND 28	2:37.27 SARA DEMYANOVICH 27	4:55.16 J.EDMUNDSON 28	20:13.23 LESLIE J HENSHAW 32
50 YD. BACK WOMEN 25-29	50 YD. FLY WOMEN 25-29	*****	20:16.36 K. SIMONSON-HILDE 30
26.76 DIANE GRANER 89	25.68 LINDA LANINI 87	50 YD. FREE WOMEN 30-34	50 YD. BACK WOMEN 30-34
27.72 DIANE GRANER 27	25.79 ANNA PETTIS-SCOTT 29	23.04 S NEILSON-BELL 88	27.36 S.WALSH-STANKAVAG92
28.42 AMY PLESS 29	26.69 DIANE GRANER 27	23.92 LIZ HOBBS 30	27.36 SUE STANKAVAGE 30
28.45 JILL R ROTHKOPF 25	26.96 SUDI MILLER 25	24.25 BRIGITTE HEUER 31	27.91 LIZ HOBBS 30
28.60 TRISCHA ZORN 27	27.00 LINDA NEARY 28	24.35 GRACIE M GODDARD 32	28.98 LINDLEY DOUGHTY 33
28.89 JAMIE HERRINGTON 26	27.20 BABBETTE ROMANCIER 28	24.61 SUE STANKAVAGE 30	29.18 ZENA HERRMANN 32
28.90 BETH GARDNER 26	27.37 LINDA TANKERSLEY 29	24.63 BETH HARRELL 32	29.24 DIANE DUNN 30
29.15 CHRISTINE HOLMAN 27	27.43 SARA SHAND 27	24.68 MARY ROEBUCK 30	29.37 DEBORAH DOURLAIN 30
29.32 ANDREA DEBUONO 29	27.58 TARYN GAULIEN 26	24.70 KRISTIN HENDERSON 31	29.79 CATHY DROZDA 32
29.39 PAMELA BOSCOVICH 29	27.65 VANESSA RICHEY 25	24.89 BETH L KNIGHT 32	29.97 SHARON LAHEY 32
29.52 CAYCEE BUSCAGLIA 27	27.69 SUSAN BRENNAN 25	25.31 BETH SCHEIMANN 30	30.15 STEFFANIE LAVEN 31
100 YD. BACK WOMEN 25-29	100 YD. FLY WOMEN 25-29	25.33 LEEANN MYERS 30	30.46 MELANIE SCHAFFER 32
56.70 DIANE GRANER 91	57.01 DIANE GRANER 91	100 YD. FREE WOMEN 30-34	100 YD. BACK WOMEN 30-34
1:00.46 SUDI MILLER 25	58.17 ANNA PETTIS-SCOTT 29	50.83 SANDY NEILSON 87	1:00.03 BETH MAUER 88
1:01.25 SUE BRENNAN 25	59.57 BABBETTE ROMANCIER 28	52.87 GRACIE M GODDARD 32	1:00.93 ZENA HERRMANN 32
1:01.30 JILL R ROTHKOPF 25	59.60 SARA SHAND 27	52.87 LIZ HOBBS 30	1:01.16 LIZ HOBBS 30
1:01.37 PAMELA BOSCOVICH 29	59.71 SUE BRENNAN 25	53.29 BETH HARRELL 32	1:02.04 LINDLEY DOUGHTY 33
1:01.39 TRISCHA ZORN 27	59.80 LINDA NEARY 28	53.84 MARY ROEBUCK 30	1:03.32 DEBORAH DOURLAIN 30
1:01.40 CHRISTINE HOLMAN 27	1:00.49 LINDA TANKERSLEY 29	54.20 BETH L KNIGHT 32	1:05.05 DIANE DUNN 30
1:02.01 ANNA PLANTIER 28	1:00.72 STACY JONES 26	54.30 BRIGITTE HEUER 31	1:05.09 JUDY LALLIER 32
1:02.71 ANDREA DEBUONO 29	1:00.88 AMY PLESS 29	54.59 JENNIFER L CAINE 30	1:05.95 M.BETH MCGINNIS 30
1:03.05 JAMIE HERRINGTON 26	1:01.12 TARYN GAULIEN 26	54.90 CATHY DROZDA 32	1:06.21 DIANE BARRY 33
1:03.43 ELIZABETH MARESCA 25	1:01.32 JENNIFER UEBELE 27	55.34 LEISSA K MILLS 31	1:06.35 JILL SPRINGER 33
200 YD. BACK WOMEN 25-29	200 YD. FLY WOMEN 25-29	55.63 DEBORAH DOURLAIN 30	1:06.55 NANCY MITCHELL 30
2:01.29 DIANE GRANER 91	2:03.38 JUNE FORD 87	200 YD. FREE WOMEN 30-34	200 YD. BACK WOMEN 30-34
2:09.88 DIANE GRANER 27	2:10.21 LINDA NEARY 28	1:52.57 SANDY NEILSON 87	2:09.33 ZENA HERRMANN 92
2:11.81 PAMELA BOSCOVICH 29	2:11.35 DIANE GRANER 27	1:54.83 BETH HARRELL 32	2:09.33 ZENA HERRMANN 32
2:12.36 TRISCHA ZORN 27	2:12.97 BETHANNE LAMBERT 25	1:55.76 K.PARKER-MEDLIN 30	2:16.14 LINDLEY DOUGHTY 33
2:12.92 SUE BRENNAN 25	2:13.60 LORETTA M SOFFE 25	1:56.18 BETH L KNIGHT 32	2:17.98 KATHERINE BRANCH 34
2:13.68 ANDREA DEBUONO 29	2:15.30 ANN DEPUTY 27	1:57.46 JENNIFER L CAINE 30	2:18.62 LEISSA K MILLS 32
2:13.70 C.KRAAY 26	2:16.09 DIANE MUNTZER 29	1:57.94 MARY ROEBUCK 30	2:19.84 NANCY MITCHELL 30
2:14.27 JILL R ROTHKOPF 25	2:18.04 DIANE SAGASER 25	1:58.62 LEISSA K MILLS 31	2:24.22 MARY GENTRY 30
2:15.47 SUDI MILLER 25	2:18.19 LAURIE HUG 26	1:59.45 ZENA HERRMANN 32	2:24.76 M.BETH MCGINNIS 30
2:15.66 MARC NEIGHBOR 29	2:18.90 SHERI BROWNSTEIN 25	1:59.80 GRACIE M GODDARD 32	2:25.66 JILL SPRINGER 33
2:16.89 CHRISTINE HOLMAN 27	2:19.76 VAL VAN HORN PATE 29	2:00.68 BRIGITTE HEUER 31	2:25.87 DIANE DUNN 30
50 YD. BRST WOMEN 25-29	100 YD. I.M. WOMEN 25-29	2:01.18 AMY POPE 31	2:25.91 RANDY NEHRING 31
30.60 S.MCINTYRE-WOODS 91	59.39 BETH O'CONNOR 88	500 YD. FREE WOMEN 30-34	50 YD. BRST WOMEN 30-34
31.57 BETHANNE LAMBERT 25	59.66 SARA SHAND 27	5:05.60 BETH KNIGHT 90	29.84 ROSEMARIE SEAMAN 89
31.64 AMY PLESS 29	1:01.18 SUDI MILLER 25	5:08.68 MARY ROEBUCK 30	31.91 DENISE FRECH 30
31.65 PAMELA BIRSINGER 27	1:01.39 AMY PLESS 29	5:11.83 BETH HARRELL 32	32.33 BRIGITTE HEUER 31
31.85 MERIT GREAVES 28	1:01.99 ANNA PETTIS-SCOTT 29	5:11.86 LEISSA K MILLS 32	32.50 KAREN MELICK 34
32.01 ROBIN MOLESE 28	1:02.13 CORRIN CONVIS 27	5:17.90 AMY POPE 31	32.63 BETH SCHEIMANN 30
32.37 J.EDMUNDSON 28	1:02.40 BABBETTE ROMANCIER 28	5:25.45 MARGUERITE MEYER 33	32.92 CATHY DROZDA 32
32.74 PAMELA LINDROOS 26	1:02.42 STACY JONES 26	5:26.31 SUZANNE M HEIM 33	33.09 ANNE SCHULTE 33
33.29 ELLEN ATKINSON 29	1:02.57 LISA O'DELL 26	5:27.66 ZENA HERRMANN 32	33.12 J.WISH-YEKO 34
33.42 VICKI MARSH 29	1:02.96 LINDA NEARY 28	5:29.14 DEBORAH ZIMIC 30	33.28 VAL KERR-HAGUE 31
33.44 JENNIFER UEBELE 27	1:03.01 VANESSA RICHEY 25	5:31.62 KATHERINE BRANCH 34	33.46 JEANNE MESSINA 31
100 YD. BRST WOMEN 25-29	200 YD. I.M. WOMEN 25-29	5:33.54 BARBARA CROWDER 34	33.55 WENDY RYAN 34
1:06.50 S.MCINTYRE-WOODS 91	2:07.60 DIANE GRANER 90	1000 YD. FREE WOMEN 30-34	100 YD. BRST WOMEN 30-34
1:07.72 BETHANNE LAMBERT 25	2:11.87 SARA SHAND 27	10:31.89 BETH KNIGHT 90	1:05.05 ROSEMARIE SEAMAN 89
1:08.83 PAMELA BIRSINGER 27	2:12.08 LAUREEN WELTING 26	10:40.67 MARY ROEBUCK 30	1:09.60 DENISE FRECH 30
1:09.06 CORRIN CONVIS 27	2:13.94 BETHANNE LAMBERT 25	10:58.20 BETH HARRELL 32	1:09.72 BRIGITTE HEUER 31
1:09.70 ROBIN MOLESE 28	2:13.95 SUDI MILLER 25	11:01.79 SUZANNE M HEIM 33	1:11.44 KAREN MELICK 34
1:09.82 AMY PLESS 29	2:14.41 LINDA NEARY 28	11:12.81 KATHERINE BRANCH 34	1:11.50 NANCY MITCHELL 30
1:10.12 SUDI MILLER 25	2:14.68 KAREN BURTON 29	11:12.95 MARGUERITE MEYER 33	1:11.97 J.WISH-YEKO 34
1:10.37 PAMELA LINDROOS 26	2:15.35 LORETTA M SOFFE 25	11:14.25 AMY POPE 31	1:12.02 JUDY LALLIER 32
1:10.50 MERIT GREAVES 28	2:15.92 ANDREA DEBUONO 29	11:14.70 ZENA HERRMANN 32	1:12.02 JULIE BOAZ 30
1:10.88 J.EDMUNDSON 28	2:16.36 LAURIE HUG 26	11:27.78 COLLEEN DRISCOLL 33	1:12.59 VAL KERR-HAGUE 31
1:11.69 LESLIE RONACHER 27	2:16.99 TERESA ZURICK 26	11:31.65 SUSAN HAUGH 30	1:12.62 JAMIE GORSKI 31
200 YD. BRST WOMEN 25-29	400 YD. I.M. WOMEN 25-29	11:40.26 LESLIE HENSHAW 32	1:12.64 BETH SCHEIMANN 30
2:25.23 CORRIN CONVIS 91	4:28.40 SARA SHAND 91	1650 YD. FREE WOMEN 30-34	200 YD. BRST WOMEN 30-34
2:25.41 BETHANNE LAMBERT 25	4:38.02 LAUREEN WELTING 26	17:39.20 K.PARKER-MEDLIN 92	2:29.75 KAREN MELICK 90
2:29.44 ROBIN MOLESE 28	4:40.32 LINDA NEARY 28	17:39.20 K.PARKER-MEDLIN 30	2:32.07 JUNE FORD 30
2:31.12 CORRIN CONVIS 27	4:44.45 LORETTA M SOFFE 25	18:21.37 MARGUERITE MEYER 33	2:32.67 NANCY MITCHELL 30
2:32.38 AMY PLESS 29	4:44.97 KAREN BURTON 29	18:35.75 ROBIN ZUBECK 30	2:33.18 JULIE BOAZ 30
2:33.70 LAURIE KILMARTIN 26	4:46.11 LAURIE HUG 26	19:01.99 KATHERINE BRANCH 34	2:33.57 KAREN MELICK 34
2:34.14 J.EDMUNDSON 28	4:50.30 ANDREA DEBUONO 29	19:20.88 MONA SEAMAN 32	2:34.01 DENISE FRECH 30
2:34.55 KARYN HEANEY 27	4:53.02 DIANE MUNTZER 29	19:27.60 LESLIE COOPER 31	2:34.52 BRIGITTE HEUER 31
2:35.20 MERIT GREAVES 28	4:54.03 DIANE SAGASER 25	19:35.45 SHARON L BLAHA 31	2:35.05 JUDY LALLIER 32
2:35.43 PAMELA LINDROOS 26	4:54.37 ANNA PLANTIER 28	20:01.79 SUSAN LAWSON 32	2:39.06 BETH SCHEIMANN 30

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## SHORT COURSE YARDS

2:39.55 SUSAN RICHMOND 30	5:07.98 SUSAN HAUGH 30	20:14.27 ELAINE FINCHAM 36	2:47.34 KATHRYNE CLARK 38
2:41.21 COKIE LEPINSKI 33	5:12.08 JILL SPRINGER 33	20:20.39 DENISE EVERITT 39	2:49.49 CATHERINE KOHN 38
50 YD. FLY WOMEN 30-34	*****		2:50.23 CATHY SCHULBACH 38
25.62 ROSEMARIE SEAMAN 89	50 YD. FREE WOMEN 35-39	20:23.81 JOANNE BOWSER 38	2:50.24 KAY DAHLBERG 37
26.08 BETH HARRELL 32	24.29 S. NEILSON-BELL 91	20:25.39 LINDA SULZBACH 37	50 YD. FLY WOMEN 35-39
27.09 LIZ HOBBS 30	24.36 S. NEILSON-BELL 36	50 YD. BACK WOMEN 35-39	26.68 LAURA VAL 87
27.51 CINDY WATTS 30	24.92 GAYLE WETTACH 35	27.82 LAURA VAL 91	27.91 HELEN RYAN 35
27.60 PATRICIA HUEY 30	25.39 BONNIE ADAIR 39	30.12 BONNIE ADAIR 39	28.33 ROSE WILSON 38
27.62 KRISTIN HENDERSON 31	25.59 ROSE WILSON 38	30.21 PATTY LANDERS 35	28.34 TAMI BENNETT 35
27.68 GRACIE M GODDARD 32	25.69 K.TREBESINER 38	30.87 JOAN PFINGRAFF 38	28.39 DONNA NEARY 36
27.70 BRIGITTE HEUER 31	25.81 PAM DRAFTS 35	31.14 MORRI SPANG 35	28.41 MARYANN STEVENS 38
27.73 CATHY DROZDA 32	25.85 JENNIFER LUKER 35	31.28 ALICE SANDER 35	28.45 GAYLE WETTACH 35
27.81 TRACY ROSSA 31	25.90 C.STONESIFER 39	31.42 CAROLE SHIGAKI 36	28.55 BONNIE ADAIR 39
27.98 JUNE FORD 30	26.07 HELEN RYAN 35	31.75 SUSAN BLATTNER 35	28.57 JENNIFER LUKER 35
100 YD. FLY WOMEN 30-34	26.53 MORRI SPANG 35	31.85 LAURIE ROBINSON 35	28.58 ELAINE FINCHAM 37
55.68 ROSEMARIE SEAMAN 89	26.53 SHELLY MARSHALL 36	31.93 SUSAN ROSE 37	28.69 KAREN HOGAN 38
58.09 BETH HARRELL 32	100 YD. FREE WOMEN 35-39	100 YD. BACK WOMEN 35-39	100 YD. FLY WOMEN 35-39
59.31 PATRICIA HUEY 30	52.24 SUSAN HALFACRE 88	1:01.68 LAURA VAL 91	56.90 SUSAN HALFACRE 88
1:01.15 TAMI BENNETT 34	52.49 S. NEILSON-BELL 36	1:03.40 KAREN FARNSWORTH 36	1:00.09 S. NEILSON-BELL 36
1:01.27 JUNE FORD 30	55.51 GAYLE WETTACH 35	1:04.59 JENNY KEMP 36	1:01.57 DEBBIE FLANSBURG 36
1:01.53 BRIGITTE HEUER 31	55.69 BONNIE ADAIR 39	1:05.20 PATTY LANDERS 35	1:02.53 SUSAN SKIFF 37
1:01.75 CAREN A MC NAMARA 31	56.58 ROSE WILSON 38	1:07.04 MARYANN STEVENS 38	1:02.55 TAMI BENNETT 35
1:01.98 CINDY WATTS 30	57.09 KAREN FARNSWORTH 35	1:07.13 ALICE SANDER 35	1:02.56 ROSE WILSON 38
1:02.24 BARBARA CROWDER 34	57.48 K.TREBESINER 38	1:07.16 MARY HAMILTON 37	1:03.12 HUDDIE MURRAY 35
1:02.24 NANCY MITCHELL 30	57.96 C.STONESIFER 39	1:07.27 LAURIE ROBINSON 35	1:03.46 MARYANN STEVENS 38
1:02.38 LINDLEY DOUGHTY 33	58.04 PAM DRAFTS 35	1:07.62 SUSAN ROSE 37	1:04.08 ELAINE FINCHAM 37
200 YD. FLY WOMEN 30-34	58.15 MARILYN A S FINK 37	1:08.13 BONNIE GILHAM 36	1:04.79 DONNA NEARY 36
2:10.18 JUNE FORD 92	58.16 JENNIFER LUKER 35	1:08.37 DEBORAH CAIN 35	1:04.99 MARY HAMILTON 37
2:10.18 JUNE FORD 30	200 YD. FREE WOMEN 35-39	200 YD. BACK WOMEN 35-39	200 YD. FLY WOMEN 35-39
2:11.63 PATRICIA HUEY 30	1:52.79 SUSAN HALFACRE 88	2:15.44 KAREN FARNSWORTH 92	2:10.80 LAURA VAL 87
2:12.55 NANCY MITCHELL 30	1:57.03 S. NEILSON-BELL 36	2:15.44 KAREN FARNSWORTH 36	2:13.39 DEBBIE FLANSBURG 36
2:19.34 TAMI BENNETT 34	2:05.11 KAREN FARNSWORTH 35	2:19.33 JOAN PFINGRAFF 38	2:16.58 HUDDIE MURRAY 35
2:19.80 SUZANNE M HEIM 33	2:05.70 MARY CHRIS CURL 35	2:21.67 PATTY LANDERS 35	2:16.87 SUSAN SKIFF 37
2:20.48 TRACY ROSSA 31	2:07.12 D. OGIER-POLLARD 39	2:24.31 JENNY KEMP 36	2:22.90 MARYANN STEVENS 38
2:21.22 MARIA VELIKONJA 34	2:07.61 SUSAN SKIFF 37	2:24.72 MARYANN STEVENS 38	2:23.53 TAMI BENNETT 35
2:21.66 KIMBERLY ARATA 31	2:07.66 SARAH EICHER 35	2:25.40 LAURIE ROBINSON 35	2:26.77 CATHY MORRA 37
2:22.04 KATHERINE BRANCH 34	2:07.78 MARCIA S DUGGER 35	2:25.49 BONNIE GILHAM 35	2:27.16 ELAINE FINCHAM 37
2:23.08 ELIZABETH CUNHA 31	2:08.04 BETH HINES 35	2:26.89 MARY CHRIS CURL 35	2:29.14 KRIS WINGENROTH 38
100 YD. I.M. WOMEN 30-34	2:08.61 DEBBIE FLANSBURG 36	2:27.82 HUDDIE MURRAY 35	2:29.79 DENISE EVERITT 39
58.78 ROSEMARIE SEAMAN 89	2:09.34 DEBORAH CAIN 35	2:28.60 SUSAN ROSE 37	2:33.00 LUANNE BEINKE 38
1:03.16 BETH HARRELL 32	500 YD. FREE WOMEN 35-39	50 YD. BRST WOMEN 35-39	100 YD. I.M. WOMEN 35-39
1:03.79 BETH SCHEIMANN 30	5:01.04 SUSAN HALFACRE 88	30.85 LESLIE OSBORNE 89	1:00.22 SUSAN HALFACRE 88
1:04.23 KRISTIN HENDERSON 31	5:28.64 SUSAN SKIFF 37	31.65 KAREN MELICK 35	1:02.76 S. NEILSON-BELL 36
1:04.38 ZENA HERRMANN 32	5:29.18 KAREN FARNSWORTH 35	33.16 LESLIE WETZEL 38	1:04.52 BETSY SPAULDING 38
1:04.42 JUDY LALLIER 32	5:34.43 BETH HINES 35	33.76 GAYLE BENTY 39	1:04.57 GAYLE WETTACH 35
1:04.45 LEISSA K MILLS 31	5:37.73 MARY CHRIS CURL 35	34.32 LISA BENNETT 35	1:05.24 HUDDIE MURRAY 35
1:04.49 GRACIE M GODDARD 32	5:40.70 DEE A HAYNIE 37	34.50 KATIE MCNAMARA 37	1:05.46 DONNA NEARY 36
1:04.68 CATHY DROZDA 32	5:40.81 CATHERINE CHAY 36	34.66 DEE A HAYNIE 37	1:05.59 BONNIE ADAIR 39
1:04.84 MARY ROEBUCK 30	5:43.05 HUDDIE MURRAY 35	34.72 ROSE WILSON 37	1:05.85 KAREN FARNSWORTH 35
1:04.86 BARBARA CROWDER 34	5:46.68 MARCIA S DUGGER 35	34.74 LAURIE ROBINSON 35	1:05.94 ROSE WILSON 38
200 YD. I.M. WOMEN 30-34	5:47.02 DEBBIE FLANSBURG 36	34.76 PAM DRAFTS 35	1:06.65 KAREN MELICK 35
2:09.99 SANDY NEILSON 87	5:49.09 D. OGIER-POLLARD 39	34.80 MANDY MC CLELLAN 37	1:06.97 JENNY KEMP 36
2:13.62 JUNE FORD 30	1000 YD. FREE WOMEN 35-39	100 YD. BRST WOMEN 35-39	200 YD. I.M. WOMEN 35-39
2:17.36 NANCY MITCHELL 30	10:39.87 SUSAN HALFACRE 88	1:07.58 LESLIE OSBORNE 89	2:13.88 S. NEILSON-BELL 92
2:18.84 CATHY DROZDA 32	11:26.40 SUSAN SKIFF 37	1:10.39 KAREN MELICK 35	2:13.88 S. NEILSON-BELL 36
2:19.47 DEBORAH ZIMIC 30	11:26.47 KAREN FARNSWORTH 35	1:13.42 LESLIE WETZEL 38	2:18.49 KAREN FARNSWORTH 36
2:20.77 MARY ROEBUCK 30	11:31.84 BETH HINES 35	1:13.63 DONNA NEARY 36	2:20.83 SUSAN SKIFF 37
2:22.03 BARBARA CROWDER 34	11:39.62 MARCIA MOREY 36	1:14.77 DEE A HAYNIE 37	2:22.36 DONNA NEARY 36
2:22.25 BETH SCHEIMANN 30	11:51.06 HUDDIE MURRAY 35	1:14.80 GAYLE BENTY 39	2:23.14 HUDDIE MURRAY 35
2:22.66 SUSAN HAUGH 30	11:51.53 ELAINE FINCHAM 37	1:15.08 LO KNAPP 37	2:23.64 MARY CHRIS CURL 35
2:22.84 CARLA DROPO 31	11:55.43 LUANNE BEINKE 38	1:15.43 MARCIA MOREY 36	2:23.86 MARYANN STEVENS 38
2:23.45 DENISE FRECH 30	11:57.19 SARAH EICHER 35	1:15.46 LAURIE ROBINSON 35	2:26.17 D. OGIER-POLLARD 39
400 YD. I.M. WOMEN 30-34	11:59.61 MARCIA S DUGGER 35	1:15.95 KRISSY MACCUDY 39	2:26.55 GAYLE WETTACH 35
4:39.22 BONNIE RHODES 91	11:59.81 DEBBIE FLANSBURG 36	1:16.15 KAREN FARNSWORTH 35	2:26.96 DEBORAH CAIN 35
4:42.19 JUNE FORD 30	1650 YD. FREE WOMEN 35-39	200 YD. BRST WOMEN 35-39	400 YD. I.M. WOMEN 35-39
4:53.09 ZENA HERRMANN 32	17:15.23 SUSAN HALFACRE 88	2:30.53 KAREN MELICK 92	4:46.69 S. NEILSON-BELL 92
4:58.65 DEBORAH ZIMIC 30	18:43.13 LAURA B VAL 39	2:30.53 KAREN MELICK 35	4:46.69 S. NEILSON-BELL 36
5:01.76 KIMBERLY ARATA 31	18:52.51 KAREN FARNSWORTH 36	2:37.17 HUDDIE MURRAY 35	4:55.95 HUDDIE MURRAY 35
5:01.98 CATHY DROZDA 32	19:08.11 BETH HINES 35	2:40.64 DONNA NEARY 36	4:56.22 KAREN FARNSWORTH 35
5:04.16 CARLA DROPO 31	19:33.30 DEE A HAYNIE 37	2:43.51 LAURIE ROBINSON 35	5:01.26 SUSAN SKIFF 37
5:05.56 MARGUERITE MEYER 33	19:36.75 HUDDIE MURRAY 35	2:44.44 GAYLE BENTY 39	5:03.02 MARYANN STEVENS 38
5:05.76 DENISE FRECH 30	20:09.91 MARCIA S DUGGER 35	2:45.41 LO KNAPP 37	5:12.19 ELAINE FINCHAM 37

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5:13.26 CATHY MORRA 37	20:57.24 ANN SIMS 40	2:51.75 STEPHANIE WALSH 42	5:42.39 CATHY MANCINO 42
5:13.63 CATHERINE CHAY 36	21:04.44 CYNTHIA JONES 42	2:53.25 MEEGAN WILSON 43	5:45.05 LAURIE GRUBBS 40
5:16.16 DEBORAH CAIN 35	21:09.58 KATHRINE CASEY 43	2:53.55 LINDA BUSCH 40	5:49.64 MOLLY MYERS 42
5:16.28 D. OGIER-POLLARD 39	21:34.63 MOLLY MYERS 42	2:53.75 PAULA PORTER 41	5:50.46 LYNN CARTEE 44
*****	22:08.16 SUZANNE RAGUE 41	2:54.69 KATHRINE CASEY 43	5:51.41 F.WILLIAMSON 44
*****	*****	*****	*****
50 YD. FREE WOMEN 40-44	50 YD. BACK WOMEN 40-44	50 YD. FLY WOMEN 40-44	50 YD. FREE WOMEN 45-49
24.95 LAURA VAL 92	27.91 LAURA VAL 92	27.13 LAURA VAL 92	25.98 ARDETH MUELLER 88
24.95 LAURA B VAL 40	27.91 LAURA B VAL 40	27.13 LAURA B VAL 40	26.93 JUDY REED 48
26.18 JOEL FELDMANN 40	30.61 JANET PESAVENTO 40	29.36 MARION MILNER 40	27.17 SHARON WISE 45
26.52 M.MILANO-MOREY 41	30.93 JUDY STEFANICK 41	29.54 BARBARA G DUNBAR 42	27.45 DIANA TODD 48
26.55 SUE TENDY 43	31.93 JOEL FELDMAN 40	29.88 M.MILANO-MOREY 41	27.70 NANCY J RIDOUT 49
26.55 PAMELA POWERS 41	31.97 DALE STRICKLAND 44	30.07 RUTH Y SHAPS 43	28.04 SALLY DILLON 45
26.95 THERESA HESSLER 40	32.71 DEBORAH WALKER 40	30.13 JUDY LEE 42	28.14 LINDA MCHENRY 45
27.24 F.WILLIAMSON 44	32.82 BONNIE JOHNSTON 40	30.18 DALE STRICKLAND 44	28.24 JEAN HENDERSON 45
27.33 COLLEEN REID 42	33.02 JERIANNE DONNELLY 42	30.44 STEPHANIE WALSH 42	28.52 IRENE DAVID 48
27.35 BARBARA G DUNBAR 43	33.04 BARBARA G DUNBAR 43	30.54 ELLEN J ROCKHOLM 43	28.64 COLLEEN MALMEN 48
27.40 TRACY ARNDT 40	33.50 TRACY ARNDT 40	30.85 JUDY STEFANICK 41	29.36 MARGE BURLEY 46
100 YD. FREE WOMEN 40-44	100 YD. BACK WOMEN 40-44	100 YD. FLY WOMEN 40-44	100 YD. FREE WOMEN 45-49
54.48 LAURA VAL 92	1:02.22 LAURA VAL 92	59.22 LAURA VAL 92	57.91 ARDETH MUELLER 87
54.48 LAURA B VAL 40	1:02.22 LAURA B VAL 40	59.22 LAURA B VAL 40	59.60 SHARON WISE 45
57.09 DOT MUNGER 40	1:06.56 JANET PESAVENTO 40	1:04.61 BARBARA G DUNBAR 43	1:00.14 DIANA TODD 48
59.05 PAMELA POWERS 41	1:08.00 JUDY STEFANICK 41	1:07.49 STEPHANIE WALSH 42	1:00.77 JUDY REED 48
59.33 JOEL FELDMANN 40	1:09.35 DALE STRICKLAND 44	1:08.13 MARION MILNER 40	1:01.23 SALLY DILLON 45
59.41 BARBARA G DUNBAR 43	1:09.73 JOEL FELDMANN 40	1:08.68 JUDY LEE 42	1:01.57 CAROLYN F BOAK 46
1:00.06 F.WILLIAMSON 44	1:11.22 VICTORIA STONE 41	1:08.71 TERRY GAULT 41	1:01.94 LINDA MCHENRY 45
1:00.11 CELESTE MILLER 42	1:11.22 DEBORAH WALKER 40	1:09.12 JUDY STEFANICK 41	1:02.82 COLLEEN MALMEN 48
1:00.52 TRACY ARNDT 40	1:11.84 JANIS WIKANDER 40	1:09.32 LUCY JOHNSON 44	1:03.85 JEAN HENDERSON 45
1:00.66 BONNIE JOHNSTON 40	1:11.95 TRACY ARNDT 40	1:10.09 THERESA HESSLER 40	1:04.22 MARGE BURLEY 46
1:01.00 SUE TENDY 43	1:12.12 STEPHANIE WALSH 42	1:12.00 RUTH Y SHAPS 44	1:04.78 ANN SVANSON 46
200 YD. FREE WOMEN 40-44	200 YD. BACK WOMEN 40-44	200 YD. FLY WOMEN 40-44	200 YD. FREE WOMEN 45-49
2:04.00 BARBARA DUNBAR 90	2:23.47 JANET PESAVENTO 92	2:11.08 LAURA VAL 92	2:05.71 ARDETH MUELLER 88
2:04.12 DOT MUNGER 40	2:23.47 JANET PESAVENTO 40	2:11.08 LAURA B VAL 40	2:13.59 SHARON WISE 45
2:06.62 BARBARA G DUNBAR 43	2:25.69 JUDY STEFANICK 41	2:19.18 BARBARA G DUNBAR 42	2:16.63 CAROLYN F BOAK 46
2:08.45 PAMELA POWERS 41	2:33.42 DALE STRICKLAND 44	2:31.21 STEPHANIE WALSH 42	2:16.78 SALLY DILLON 45
2:10.71 CELESTE MILLER 42	2:34.40 DEBORAH WALKER 40	2:37.79 TERRY GAULT 41	2:16.78 SALLY DILLON 45
2:11.55 THERESA HESSLER 40	2:38.08 BONNIE JOHNSTON 40	2:37.84 JUDY STEFANICK 41	2:19.59 COLLEEN MALMEN 48
2:11.89 F.WILLIAMSON 44	2:38.09 JERIANNE DONNELLY 42	2:40.42 MARION MILNER 40	2:21.16 JUDY REED 48
2:14.53 GWEN DEELY 42	2:38.70 STEPHANIE WALSH 42	2:46.10 S.LEE-SHERIDAN 40	2:21.76 DIANA TODD 48
2:16.83 TRACY ARNDT 40	2:38.83 VICTORIA STONE 41	2:46.25 CATHERINE QUILL 42	2:24.08 ANN SVANSON 46
2:17.01 CYNTHIA JONES 42	2:40.49 CHRISTINE ZIMMET 44	2:46.68 CATHY MANCINO 42	2:25.71 JACKIE MARR 49
2:17.08 BONNIE JOHNSTON 40	2:40.67 JANIS WIKANDER 40	2:48.96 DARLENE J STALEY 42	2:26.58 PATTY THOMPSON 46
500 YD. FREE WOMEN 40-44	50 YD. BRST WOMEN 40-44	100 YD. I.M. WOMEN 40-44	2:27.05 JANE KATZ 49
5:30.58 BARBARA DUNBAR 89	33.25 A. WRIGHT-BELKNAP 92	1:04.30 MARTHA MARTIN 89	500 YD. FREE WOMEN 45-49
5:30.86 DOT MUNGER 40	33.25 A.WRIGHT-BELKNAP 40	1:08.31 JAN PESAVENTO 40	5:40.37 ARDETH MUELLER 88
5:36.72 BARBARA G DUNBAR 42	33.38 DOT MUNGER 40	1:08.90 DEBORAH WALKER 40	6:02.86 SALLY DILLON 45
5:45.85 PAMELA POWERS 41	33.57 DEBORAH WALKER 40	1:09.65 BARBARA G DUNBAR 43	6:06.42 SHARON WISE 45
5:46.86 CELESTE MILLER 42	35.22 M.MILANO-MOREY 41	1:10.38 JUDY STEFANICK 41	6:09.58 CAROLYN F BOAK 46
5:55.93 GWEN DEELY 42	35.34 KATHRINE CASEY 43	1:10.64 BONNIE JOHNSTON 40	6:10.01 JANE KATZ 49
6:01.45 TERRY GAULT 41	35.37 JANET PESAVENTO 40	1:10.80 THERESA HESSLER 40	6:16.39 ANN SVANSON 46
6:01.48 F.WILLIAMSON 44	35.98 NANCY MILLER 42	1:10.93 STEPHANIE WALSH 42	6:22.75 LYNN CARTEE 45
6:05.89 CYNTHIA JONES 42	36.09 DALE BARNHARD 44	1:11.06 KATHRINE CASEY 43	6:33.40 JACKIE MARR 48
6:07.50 MARCIA BARRY 43	36.19 PAULA PORTER 41	1:11.24 CELESTE MILLER 42	6:36.08 MARGE BURLEY 46
6:08.97 NANCY MILLER 42	36.38 CHRISTIE SLIMAK 44	1:11.43 MARION MILNER 40	6:37.22 MARY ANDERSON 49
1000 YD. FREE WOMEN 40-44	100 YD. BRST WOMEN 40-44	200 YD. I.M. WOMEN 40-44	6:37.33 BARBARA FRID 49
11:20.18 BARBARA DUNBAR 90	1:11.73 DOT MUNGER 92	2:24.13 C FERRIS BOAK 85	1000 YD. FREE WOMEN 45-49
11:21.96 DOT MUNGER 40	1:11.73 DOT MUNGER 40	2:27.86 BARBARA G DUNBAR 42	11:54.44 ARDETH MUELLER 91
11:23.87 BARBARA G DUNBAR 42	1:13.40 DEBORAH WALKER 40	2:30.53 STEPHANIE WALSH 42	12:37.48 JANE KATZ 48
12:09.38 CELESTE MILLER 42	1:14.90 A.WRIGHT-BELKNAP 41	2:31.81 CELESTE MILLER 42	12:37.65 SALLY A DILLON 45
12:12.27 GWEN DEELY 42	1:17.14 JANET PESAVENTO 40	2:32.33 THERESA HESSLER 40	12:42.40 ANN SVANSON 46
12:19.37 SHIRLEY LOFTUS 40	1:18.36 KATHRINE CASEY 43	2:34.23 JAN PESAVENTO 40	13:24.19 MARY CHENG 49
12:19.90 MARCIA BARRY 43	1:19.21 STEPHANIE WALSH 42	2:34.91 JUDY STEFANICK 41	13:42.67 BARBARA FRID 49
12:33.51 KATHRINE CASEY 43	1:19.83 MEEGAN WILSON 43	2:37.30 KATHERINE CASEY 43	13:44.84 DIANA TODD 48
12:36.14 CYNTHIA JONES 42	1:20.39 PAULA PORTER 41	2:41.16 S.LEE-SHERIDAN 40	13:47.89 CAROLYN KENT 46
12:39.19 SHERRY KITTRELL 40	1:20.55 DALE BARNHARD 44	2:41.43 MARION MILNER 40	13:48.45 NANCY KIRKENDALL 49
12:41.73 STEPHANIE WALSH 42	1:20.76 ANN SIMS 40	2:41.98 MOLLY MYERS 42	13:50.62 PAT WHITE MALEY 48
1650 YD. FREE WOMEN 40-44	200 YD. BRST WOMEN 40-44	400 YD. I.M. WOMEN 40-44	13:55.27 MARY POHLMANN 47
18:58.23 BARBARA DUNBAR 89	2:38.86 GINGER PIERSON 86	5:04.08 BARBARA DUNBAR 89	1650 YD. FREE WOMEN 45-49
19:00.05 BARBARA G DUNBAR 42	2:38.99 DEBORAH WALKER 40	5:06.30 BARBARA G DUNBAR 42	20:12.73 ARDETH MUELLER 86
20:08.37 SHIRLEY LOFTUS 40	2:46.73 DOT MUNGER 40	5:21.71 STEPHANIE WALSH 42	20:56.13 SALLY DILLON 45
20:18.93 TERRY GAULT 41	2:48.61 JANET PESAVENTO 40	5:25.13 JUDY STEFANICK 41	21:07.69 JANE KATZ 48
20:53.48 F.WILLIAMSON 44	2:51.36 A.WRIGHT-BELKNAP 41	5:29.06 JAN PESAVENTO 40	21:57.76 ANN SVANSON 46
20:53.70 SHERRY KITTRELL 40	2:51.46 ANN SIMS 40	5:37.47 KATHRINE CASEY 43	22:23.45 PAT WHITE MALEY 48

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## SHORT COURSE YARDS

22:29.31 MARCY BULLOCK 48	2:57.12 LYNN CARTEE 45	5:47.36 GINGER L PIERSON 45	23:05.75 BETSY T JORDAN 54
22:38.08 MARGE BURLEY 46	2:57.13 JEAN DAVES 47	5:53.14 ANN SVANSON 46	23:12.49 JAYNE LAMBKE 52
22:43.49 MARY ANDERSON 49	2:58.38 MARILYN LUMPKIN 48	5:56.24 JACKIE MARR 49	23:46.41 SUSAN L MUNN 53
23:15.15 MARY POHLMANN 47	3:01.21 SALLY A DILLON 45	6:03.59 BETTY BENNETT 48	23:51.11 JOANN LEILICH 52
23:16.00 SUSAN WESTNEDGE 46	3:02.21 MARY BOLSTAD 45	6:06.94 MARILYN LUMPKIN 48	24:22.33 SANDRA KINGDON 53
23:22.65 SUSAN J ALLEN 47	3:02.55 JAN PANCAKE 45	6:10.21 MARY POHLMANN 47	24:32.51 NANCY LOWDEN 50
50 YD. BACK WOMEN 45-49	50 YD. FLY WOMEN 45-49	*****	
32.57 BETTY BENNETT 88	28.26 ARDETH MUELLER 88	50 YD. FREE WOMEN 50-54	50 YD. BACK WOMEN 50-54
33.86 JEANNIE MITCHELL 45	29.95 SHARON WISE 45	27.29 NANCY RIDOUT 92	32.72 BETSY JORDAN 90
34.07 JUDY REED 48	30.21 DIANA TODD 48	27.29 NANCY RIDOUT 50	33.35 MARY ANN MCCLAIN 50
34.21 BETTY BENNETT 48	30.29 JUDY REED 48	29.29 LESLIE SMITH 51	34.17 BETSY T JORDAN 54
34.62 EVELYN HAUSBERGER 48	30.98 IRENE DAVID 48	30.64 JAYNE LAMBKE 52	34.63 BARBARA FRID 50
34.77 MARY POHLMANN 47	31.02 NANCY J RIDOUT 49	30.69 JEANNE LITTLE 54	36.27 ARDETH MUELLER 50
35.23 SHARON WISE 45	31.46 MARGE BURLEY 46	31.45 BETSY T JORDAN 54	36.73 LUCILLE GRIFFIN 53
35.43 GINGER L PIERSON 45	32.49 CAROLYN M KENT 46	31.53 LUCILLE GRIFFIN 53	36.88 LESLIE SMITH 51
35.60 BARBARA FRID 49	32.51 LINDA MCHENRY 45	31.53 BARBARA ZAREMSKI 54	37.44 BETSY DURRANT 50
35.63 LINDA MCHENRY 45	32.70 SALLY A DILLON 45	32.03 NANCY S ROSS 54	37.94 CEIL BLACKWELL 51
35.65 B.EDELMAIER 45	32.78 BARBARA FRID 49	32.56 CEIL BLACKWELL 51	38.34 SUSAN BLAKE 53
100 YD. BACK WOMEN 45-49	100 YD. FLY WOMEN 45-49	32.58 BETTY DUGAN 50	39.33 GINNY SIMMONS 51
1:11.07 BETTY BENNETT 88	1:03.08 ARDETH MUELLER 88	100 YD. FREE WOMEN 50-54	100 YD. BACK WOMEN 50-54
1:14.32 BETTY BENNETT 48	1:09.15 SHARON WISE 45	1:01.26 NANCY RIDOUT 92	1:11.96 BETSY JORDAN 90
1:14.72 MARY POHLMANN 47	1:12.01 IRENE DAVID 48	1:01.26 NANCY RIDOUT 50	1:14.59 ARDETH MUELLER 50
1:15.33 GINGER L PIERSON 45	1:14.23 CAROLYN KENT 46	1:01.49 ARDETH MUELLER 50	1:15.27 BETSY T JORDAN 54
1:15.49 EVELYN HAUSBERGER 48	1:15.84 GINGER L PIERSON 45	1:04.15 JANE NICHOLS 50	1:17.10 BARBARA FRID 50
1:15.74 JEANNIE MITCHELL 45	1:16.23 ANN SVANSON 46	1:06.29 LESLIE SMITH 51	1:20.06 LUCILLE GRIFFIN 53
1:16.33 JANE KATZ 48	1:17.08 B.EDELMAIER 45	1:06.43 JAYNE LAMBKE 52	1:20.63 BETSY DURRANT 50
1:17.03 JEAN DAVES 47	1:17.10 R.CRANMER-BALL 46	1:08.53 A. JANE NICHOLS 50	1:22.44 SUSAN BLAKE 53
1:18.06 BARBARA FRID 49	1:18.05 JANE KATZ 49	1:09.98 BETSY T JORDAN 54	1:24.88 LESLIE SMITH 51
1:18.46 R.CRANMER-BALL 46	1:20.52 JANE ALPERT 45	1:10.52 SUSAN L MUNN 53	1:25.17 JAYNE LAMBKE 52
1:18.81 JANE GRAM 45	1:20.95 CAROL JEWELL 49	1:11.63 SUSAN BLAKE 53	1:25.28 CEIL BLACKWELL 51
200 YD. BACK WOMEN 45-49	200 YD. FLY WOMEN 45-49	1:11.87 LUCILLE GRIFFIN 53	1:26.05 SUZY CARLSON 50
2:30.46 CAROL CHIDESTER 91	2:20.14 ARDETH MUELLER 88	200 YD. FREE WOMEN 50-54	200 YD. BACK WOMEN 50-54
2:41.04 JEANNIE MITCHELL 45	2:46.66 CAROLYN M KENT 46	2:12.11 ARDETH MUELLER 92	2:38.09 BETSY JORDAN 91
2:41.30 JANE KATZ 49	2:54.05 IRENE DAVID 48	2:12.11 ARDETH MUELLER 50	2:40.72 BETSY T JORDAN 54
2:42.24 MARY POHLMANN 47	2:58.15 ELAINE BROMWICH 49	2:19.60 NANCY RIDOUT 50	2:51.49 SUSAN BLAKE 53
2:43.64 BETTY BENNETT 48	2:58.71 JACKIE MARR 49	2:25.83 JAYNE LAMBKE 52	2:52.23 LUCILLE GRIFFIN 53
2:45.76 LINDA MCHENRY 45	3:03.68 ANN SVANSON 46	2:26.12 SARAH L BROUGHER 50	2:55.35 BETSY DURRANT 50
2:49.23 R.CRANMER-BALL 46	3:04.25 CAROL JEWELL 49	2:26.30 JANE NICHOLS 50	2:56.31 SUSAN SPRINGER 53
2:50.15 NANCY KIRKENDALL 49	3:05.76 LINDA TEPE 45	2:30.29 BETSY T JORDAN 54	2:57.74 SUSAN BRADLEY-COX 54
2:50.26 JACKIE MARR 48	3:06.35 MARY POHLMANN 47	2:37.15 SUSAN L JORDAN 53	2:58.87 BARBARA FRID 50
2:50.68 LYNNE BRAGG 45	3:09.59 TERRI BRADLEY 45	2:39.92 JEANNE LITTLE 54	3:05.30 SUSAN L MUNN 53
2:53.39 EVELYN HAUSBERGER 47	3:10.38 RICHALIE BALL 45	2:42.91 BETSY DURRANT 50	3:07.28 ROBERTA BOBERSKI 51
50 YD. BRST WOMEN 45-49	100 YD. I.M. WOMEN 45-49	2:43.65 SUSAN SPRINGER 53	3:07.35 CEIL BLACKWELL 51
34.46 DIANA TODD 89	1:07.38 DIANA TODD 90	500 YD. FREE WOMEN 50-54	50 YD. BRST WOMEN 50-54
35.80 CAROLYN F BOAK 46	1:10.13 SHARON WISE 45	5:53.05 ARDETH MUELLER 92	35.55 JAYNE BRUNER 85
35.81 ELAINE BROMWICH 49	1:10.28 DIANA TODD 48	5:53.05 ARDETH MUELLER 50	36.92 JOANN LEILICH 53
36.91 LYNN CARTEE 45	1:10.71 CAROLYN F BOAK 46	6:25.03 NANCY J RIDOUT 50	38.23 ANNEMARIE BELLEM 52
37.14 MARILYN LUMPKIN 48	1:12.42 LYNN CARTEE 45	6:30.68 SARAH L BROUGHER 50	38.95 LESLIE SMITH 51
37.15 DIANA TODD 48	1:13.94 JEAN HENDERSON 45	6:31.63 A. JANE NICHOLS 50	39.17 MARGIT JEBE 53
37.30 SALLY A DILLON 45	1:14.28 COLLEEN MALMEN 48	6:39.71 JANE LAMBKE 52	39.36 BETSY DURRANT 50
37.46 MARGE BURLEY 46	1:14.44 NANCY J RIDOUT 49	6:41.93 BETSY T JORDAN 54	39.61 ALICE JONES 54
37.59 JEAN DAVES 47	1:14.77 MARGE BURLEY 46	6:44.54 SUSAN BRADLEY-COX 54	41.48 FRANCESCA DRUM 50
38.38 NANCY J RIDOUT 49	1:15.11 JUDY REED 48	6:53.44 SUSAN BLAKE 53	41.55 CAROL HANEY 52
38.51 MARY BOLSTAD 45	1:15.28 BETTY BENNETT 48	6:54.08 JOANN LEILICH 53	41.74 MARGIE HEINEMAN 54
100 YD. BRST WOMEN 45-49	200 YD. I.M. WOMEN 45-49	7:04.53 SANDRA KINGDON 53	42.16 M.EVERY 51
1:14.11 GINGER PIERSON 91	2:24.53 ARDETH MUELLER 88	1000 YD. FREE WOMEN 50-54	100 YD. BRST WOMEN 50-54
1:16.37 CAROLYN F BOAK 46	2:38.41 LYNN CARTEE 45	12:04.75 ARDETH MUELLER 92	1:17.72 JOANN LEILICH 89
1:17.83 GINGER L PIERSON 45	2:38.78 CAROLYN F BOAK 46	12:04.75 ARDETH MUELLER 50	1:20.41 JOANN LEILICH 53
1:18.86 ELAINE BROMWICH 48	2:40.76 ANN SVANSON 46	13:41.06 JAYNE LAMBKE 52	1:21.36 ARDETH MUELLER 50
1:20.34 LYNN CARTEE 45	2:42.79 JANE KATZ 49	13:45.64 BETSY T JORDAN 54	1:23.66 BARBARA FRID 50
1:20.55 SALLY DILLON 45	2:43.86 MARGE BURLEY 46	13:47.63 SUSAN BRADLEY-COX 54	1:25.49 MARGIT JEBE 53
1:21.61 MARILYN LUMPKIN 48	2:44.14 LINDA MCHENRY 45	13:59.97 JOANN LEILICH 53	1:25.91 BETSY DURRANT 50
1:21.85 JEAN DAVES 47	2:46.15 JACKIE MARR 49	14:27.86 SANDRA KINGDON 53	1:29.98 ALICE JONES 54
1:21.95 MARGE BURLEY 46	2:46.16 JEAN DAVES 47	14:32.19 BETSY DURRANT 50	1:30.74 FRANCESCA DRUM 50
1:22.00 MARY BOLSTAD 45	2:47.30 BETTY BENNETT 48	15:00.11 BARBARA ZAREMSKI 54	1:31.28 BETSY T JORDAN 54
1:22.79 PAT RICHARD 47	2:47.74 CAROLYN M KENT 46	15:18.39 ROBERTA BOBERSKI 51	1:32.18 M.EVERY 51
200 YD. BRST WOMEN 45-49	400 YD. I.M. WOMEN 45-49	15:43.12 LUCILLE GRIFFIN 53	1:32.39 SANDRA KINGDON 53
2:45.24 GINGER PIERSON 91	5:10.24 ARDETH MUELLER 87	1650 YD. FREE WOMEN 50-54	200 YD. BRST WOMEN 50-54
2:47.18 CAROLYN F BOAK 46	5:27.28 CAROLYN F BOAK 46	21:32.25 LAVELLE STOINOFF 85	2:50.93 JOANN LEILICH 90
2:50.92 GINGER L PIERSON 45	5:39.40 JANE KATZ 49	20:08.79 ARDETH MUELLER 50NV	2:54.90 JOANN LEILICH 53
2:55.95 MARGE BURLEY 46	5:43.49 CAROLYN M KENT 46	21:53.76 NANCY J RIDOUT 50	3:05.96 MARGIT JEBE 53
2:56.30 ELAINE BROMWICH 49	5:47.07 MARGE BURLEY 46	22:15.51 SARAH L BROUGHER 50	3:12.20 BETSY DURRANT 50

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## SHORT COURSE YARDS

3:15.64 ALICE JONES	54	6:11.04 JOANN LEILICH	52	22:56.78 RONNIE KAMPHAUSEN	58	3:08.77 L.STOINOFF	59	
3:16.01 FRANCESCA DRUM	50	6:19.38 SUSAN BLAKE	53	23:18.39 BETSY JORDAN	55	3:15.01 DIANE STOWELL	57	
3:19.96 M.EVERY	51	6:22.52 JAYNE LAMBKE	52	24:26.91 ANNE MC GUIRE	57	3:15.47 LILLY KRON	59	
3:20.64 MARGIE HEINEMAN	54	6:25.16 MARGIT JEBE	53	24:48.10 ELIZABETH KIRBY	58	3:18.54 CAROL REINKE	55	
3:22.22 SUSAN BLAKE	53	6:26.10 SUSAN L MUNN	53	26:43.31 BARBARA CALLISON	58	3:19.93 BETSY JORDAN	55	
3:22.63 SANDRA KINGDON	53	6:37.24 ROBERTA BOBERSKI	51	26:50.96 DONNA MONROE	58	3:25.46 JOHNNIE DETRICK	56	
3:24.23 DAWN STROUPE	53	6:46.43 BARBARA ZAREMSKI	54	27:01.62 ELIZABETH MOORE	57	3:26.54 CLAUDIA MULTER	55	
50 YD. FLY WOMEN 50-54		*****			27:10.00 KATE KNIGHT PERRY	56	3:27.64 JACQUELYN PIPER	55
30.55 SARAH BROUGHER	92	50 YD. FREE WOMEN 55-59		50 YD. BACK WOMEN 55-59		50 YD. FLY WOMEN 55-59		
30.55 SARAH BROUGHER	50	28.03 JAYNE BRUNER	90	33.01 BETSY JORDAN	92	31.76 GAIL ROPER	85	
30.61 NANCY RIDOUT	50	28.29 JAYNE BRUNER	58	33.01 BETSY JORDAN	55	32.53 JAYNE BRUNER	58	
31.10 JANE NICHOLS	50	30.61 JUANITA CORREA	56	37.28 NANCY BROWN	55	34.15 BETSY T JORDAN	55	
31.35 BARBARA FRID	50	30.68 RONNIE KAMPHAUSEN	57	37.71 ROXANNE MOTTER	59	35.49 NANCY BROWN	55	
33.89 BETSY T JORDAN	54	30.96 BETSY T JORDAN	55	37.97 BEVERLY MYERS	56	36.18 DORIS KLITZKE	56	
34.04 JAYNE LAMBKE	52	31.02 ROXANNE MOTTER	59	38.14 RONNIE KAMPHAUSEN	58	36.33 RONNIE KAMPHAUSEN	58	
36.14 LUCILLE GRIFFIN	53	31.58 DIANE STOWELL	57	38.67 L.STOINOFF	59	37.18 BARBARA CALLISON	58	
36.32 MARY ANN MCCLAIN	50	31.73 JEANNE LITTLE	55	40.02 ANN CHAMP	56	37.24 JEANNE LITTLE	55	
37.22 GINNY SIMMONS	51	31.83 L.STOINOFF	59	40.26 DORIS KLITZKE	56	37.30 BEVERLY MYERS	56	
37.83 JEANNE LITTLE	54	32.27 JOHNNIE DETRICK	56	40.74 BARBARA HANSEN	55	37.67 ANNE MCGUIRE	57	
100 YD. FLY WOMEN 50-54		32.37 NANCY BROWN	55	40.78 DOROTHY WHITEHEAD	56	38.57 RACHEL WHITE	56	
1:05.69 ARDETH MUELLER	92	100 YD. FREE WOMEN 55-59		100 YD. BACK WOMEN 55-59		100 YD. FLY WOMEN 55-59		
1:05.69 ARDETH MUELLER	50	1:02.38 JAYNE BRUNER	90	1:11.11 BETSY JORDAN	92	1:15.18 JAYNE BRUNER	91	
1:10.09 SARAH BROUGHER	50	1:07.62 JAYNE BRUNER	57	1:11.11 BETSY JORDAN	55	1:18.75 BETSY JORDAN	55	
1:10.84 JANE NICHOLS	50	1:07.63 JUANITA CORREA	56	1:20.99 ELIZABETH KIRBY	58	1:20.24 JAYNE BRUNER	57	
1:10.91 NANCY RIDOUT	50	1:08.29 L.STOINOFF	59	1:21.13 L.STOINOFF	58	1:23.58 RONNIE KAMPHAUSEN	57	
1:19.99 BETSY T JORDAN	54	1:08.31 ROXANNE MOTTER	59	1:21.35 NANCY BROWN	55	1:24.16 ANNE MCGUIRE	57	
1:21.89 JAYNE LAMBKE	52	1:09.35 BETSY JORDAN	55	1:22.61 RONNIE KAMPHAUSEN	57	1:30.81 BARBARA CALLISON	59	
1:25.62 SUSAN BLAKE	53	1:09.39 NANCY BROWN	55	1:22.63 ROXANNE MOTTER	59	1:34.15 JEANNE LITTLE	55	
1:25.84 SUSAN BRADLEY-COX	54	1:10.22 RONNIE KAMPHAUSEN	58	1:23.78 BEVERLY MYERS	56	1:36.98 DORIS KLITZKE	56	
1:26.34 LUCILLE GRIFFIN	53	1:11.69 JOHNNIE DETRICK	56	1:25.23 ANN CHAMP	56	1:38.25 DOT J WERRY	55	
1:27.60 SUSAN L MUNN	53	1:11.72 DIANE STOWELL	57	1:25.62 ANN J KAY	57	1:39.36 DONNA EDELBAUM	58	
200 YD. FLY WOMEN 50-54		1:12.32 JEANNE LITTLE	55	1:25.83 JAYNE BRUNER	57	1:41.68 JANET MOELLER	57	
2:25.73 ARDETH MUELLER	92	200 YD. FREE WOMEN 55-59		200 YD. BACK WOMEN 55-59		200 YD. FLY WOMEN 55-59		
2:25.73 ARDETH MUELLER	50	2:22.66 LAVELLE STOINOFF	88	2:34.80 BETSY JORDAN	92	2:51.18 GAIL ROPER	86	
2:55.27 NANCY J RIDOUT	50	2:24.45 L.STOINOFF	59	2:34.80 BETSY JORDAN	55	3:02.86 BETSY JORDAN	55	
3:02.93 JAYNE LAMBKE	52	2:30.25 RONNIE KAMPHAUSEN	58	2:52.28 L.STOINOFF	59	3:05.19 ANNE MCGUIRE	57	
3:03.60 BETSY T JORDAN	54	2:30.84 BETSY JORDAN	55	2:54.66 NANCY BROWN	56	3:06.17 NANCY BROWN	56	
3:14.80 SUSAN BLAKE	53	2:31.24 NANCY BROWN	55	2:59.19 ANN CHAMP	56	3:07.00 JAYNE BRUNER	57	
3:18.15 JOAN LEILICH	53	2:31.30 JAYNE BRUNER	57	3:00.60 RONNIE KAMPHAUSEN	58	3:12.15 RONNIE KAMPHAUSEN	58	
3:20.47 LUCILLE GRIFFIN	53	2:35.87 ROXANNE MOTTER	59	3:00.63 BEVERLY MYERS	56	3:26.79 DORIS KLITZKE	56	
3:28.05 ROBERTA BOBERSKI	51	2:40.76 ANNE MCGUIRE	57	3:15.41 DOROTHY WHITEHEAD	56	3:36.54 JEANNE LITTLE	55	
3:29.20 BARBARA ZAREMSKI	54	2:41.42 DIANE STOWELL	57	3:15.78 ELIZABETH KIRBY	58	3:37.76 BARBARA CALLISON	59	
3:29.70 JEANNE LITTLE	54	2:44.78 ELIZABETH KIRBY	58	3:18.15 BARBARA CALLISON	59	3:39.09 DOT J WERRY	55	
100 YD. I.M. WOMEN 50-54		2:45.88 JEANNE LITTLE	55	3:21.45 MARIA YUNGEL	59	3:42.29 DONNA EDELBAUM	58	
1:10.73 JAYNE BRUNER	86	500 YD. FREE WOMEN 55-59		50 YD. BRST WOMEN 55-59		100 YD. I.M. WOMEN 55-59		
1:12.09 ARDETH MUELLER	50	6:09.83 LAVELLE STOINOFF	88	35.16 JAYNE BRUNER	91	1:12.56 JAYNE BRUNER	92	
1:12.81 NANCY RIDOUT	50	6:25.76 L.STOINOFF	59	36.24 JAYNE BRUNER	58	1:12.56 JAYNE BRUNER	58	
1:15.45 SARAH BROUGHER	50	6:38.86 BETSY T JORDAN	55	39.24 ANNE MCGUIRE	57	1:15.85 BETSY JORDAN	55	
1:16.29 BARBARA FRID	50	6:42.00 RONNIE KAMPHAUSEN	57	40.79 BEVERLY MYERS	56	1:19.66 NANCY BROWN	55	
1:16.44 BETSY T JORDAN	54	6:47.95 NANCY BROWN	55	41.30 JOHNNIE DETRICK	56	1:20.12 ROXANNE MOTTER	59	
1:18.06 JOANN LEILICH	53	6:58.74 DIANE STOWELL	57	41.81 DIANE STOWELL	57	1:20.65 RONNIE KAMPHAUSEN	57	
1:18.94 JAYNE LAMBKE	52	6:59.09 ROXANNE MOTTER	59	41.90 BETSY T JORDAN	55	1:21.37 BEVERLY MYERS	56	
1:19.26 LESLIE SMITH	51	7:12.23 JAYNE BRUNER	57	42.00 CAROL REINKE	55	1:22.32 L.STOINOFF	59	
1:22.17 CEIL BLACKWELL	51	7:15.05 ANNE MCGUIRE	57	42.61 CLAUDIA MULTER	55	1:22.38 DIANE STOWELL	57	
1:22.80 CAROL HANEY	52	7:15.67 ELIZABETH KIRBY	58	43.08 YOLANDE H HOSS	58	1:25.72 DORIS KLITZKE	56	
200 YD. I.M. WOMEN 50-54		7:21.93 BARBARA JOHNSON	59	43.32 JACQUELYN PIPER	55	1:26.65 BARBARA CALLISON	58	
2:32.89 ARDETH MUELLER	92	1000 YD. FREE WOMEN 55-59		100 YD. BRST WOMEN 55-59		200 YD. I.M. WOMEN 55-59		
2:32.89 ARDETH MUELLER	50	12:45.02 LAVELLE STOINOFF	88	1:18.52 JAYNE BRUNER	91	2:44.30 BETSY JORDAN	92	
2:42.83 SARAH BROUGHER	50	13:06.31 L.STOINOFF	59	1:19.22 JAYNE BRUNER	57	2:44.30 BETSY JORDAN	55	
2:47.24 NANCY J RIDOUT	50	13:54.63 RONNIE KAMPHAUSEN	58	1:25.69 ANNE MCGUIRE	57	2:46.09 JAYNE BRUNER	57	
2:50.46 BETSY T JORDAN	54	14:03.09 NANCY BROWN	56	1:29.29 JOHNNIE DETRICK	56	2:55.33 NANCY BROWN	56	
2:54.20 JOANN LEILICH	53	14:57.19 ANNE MCGUIRE	57	1:30.51 BEVERLY MYERS	56	2:57.35 BEVERLY MYERS	56	
2:56.20 JAYNE LAMBKE	52	15:56.68 ELIZABETH MOORE	57	1:31.10 BETSY JORDAN	55	2:58.57 RONNIE KAMPHAUSEN	57	
2:57.23 SUSAN BRADLEY-COX	54	16:18.28 JOY ROSS	58	1:31.29 CAROL REINKE	55	3:02.47 ROXANNE MOTTER	59	
3:00.50 SUSAN BLAKE	53	16:21.00 MARIA YUNGEL	59	1:31.63 DIANE STOWELL	57	3:03.29 ANNE MCGUIRE	57	
3:02.44 MARGIT JEBE	53	16:22.31 DONNA MONROE	58	1:31.79 L.STOINOFF	58	3:10.14 DORIS KLITZKE	56	
3:05.17 SUZY CARLSON	50	16:23.53 BARBARA JOHNSON	59	1:32.65 LILLY KRON	59	3:12.93 CAROL REINKE	55	
400 YD. I.M. WOMEN 50-54		16:31.84 BARB NELSON	59	1:34.89 YOLANDE H HOSS	58	3:14.16 BARBARA CALLISON	59	
5:22.42 ARDETH MUELLER	92	1650 YD. FREE WOMEN 55-59		200 YD. BRST WOMEN 55-59		400 YD. I.M. WOMEN 55-59		
5:22.42 ARDETH MUELLER	50	21:22.63 LAVELLE STOINOFF	89	3:00.46 JAYNE BRUNER	91	5:54.24 NANCY BROWN	91	
6:00.09 BETSY T JORDAN	54	22:10.04 L.STOINOFF	59	3:02.13 JAYNE BRUNER	57	5:56.54 BETSY JORDAN	55	
6:10.63 SUSAN BRADLEY-COX	54	22:50.64 NANCY BROWN	55	3:05.61 ANNE MCGUIRE	57	6:15.92 RONNIE KAMPHAUSEN	58	



# TOP TEN

## SHORT COURSE YARDS

6:26.86 ANNE MCGUIRE 57	26:35.29 ANN M PISCIOTTA 61	3:17.37 LILLY KRON 60	7:00.45 NANCY MACBETH 63
6:50.88 BARBARA CALLISON 59	26:47.14 GAIL ROPER 62	3:23.39 CAROL TAYLOR 62	7:08.87 BETTY JANE RUSS 64
6:55.62 DORIS KLITZKE 56	27:04.29 NANCY DURSTEIN 62	3:25.46 CAROL FERGUSON 60	7:10.19 LILLY KRON 60
7:10.86 DOT J WERRY 55	27:10.97 EDIE GRUENDER 63	3:31.83 ILSE PEREA 61	7:12.84 CAROL TAYLOR 62
7:12.73 JOY ROSS 58	27:21.90 CAROL TAYLOR 62	3:32.43 SYLVIA EISELE 62	7:15.08 JOAN E ALEXANDER 60
7:20.74 DONNA EDELBAUM 58	27:55.80 ANITA L HAZEN 64	3:36.61 JOAN E ALEXANDER 60	7:17.54 SYLVIA EISELE 62
7:22.62 JOAN E ALEXANDER 59	28:41.44 ALICE LAWRENCE 61	3:37.97 JOYCE BAHLER 62	7:22.20 NANCY DURSTEIN 62
7:23.98 JANET JOHNSON 56	28:54.63 ANN DALLAM 61	3:45.60 MICKEY SHOCKLEY 63	7:27.34 JOYCE BAHLER 61
*****	30:32.62 JOAN MCINTYRE 63	3:51.91 JOAN CAMPBELL 61	7:38.92 BARBARA OWENS 62
*****	*****	*****	*****
50 YD. FREE WOMEN 60-64	50 YD. BACK WOMEN 60-64	50 YD. FLY WOMEN 60-64	50 YD. FREE WOMEN 65-69
30.67 DOROTHY DONNELLY 82	35.27 CLARA WALKER 91	34.94 BETTY BREY 92	31.01 CLARA WALKER 92
30.55 H. SEEGERS 62NV	37.51 ROXANNE MOTTER 60	34.94 BETTY BREY 60	31.01 CLARA WALKER 65
31.10 DIANE REED 61	38.37 CYNTHIA BRUCE 64	38.38 GAIL ROPER 62	33.02 PETEY MH. SMITH 67
32.35 CYNTHIA BRUCE 63	40.10 NANCY MACBETH 63	39.88 EDIE GRUENDER 63	33.74 FLORENCE CARR 66
32.54 BETTY BREY 60	40.42 DELLA M SEHORN 64	39.97 RUTH KAZEZ 61	34.31 LOUISE HEPNER 66
33.22 GAIL ROPER 62	41.78 DENA MANN 60	40.56 NANCY MACBETH 63	34.74 MARGERY MEYER 69
33.63 JEAN TROY 64	41.78 MARIA YUNGEL 60	40.59 ANN M PISCIOTTA 61	35.22 JEANNE MERRYMAN 69
34.27 MARGARET TIMMENS 62	42.54 DIANE REED 61	40.61 DELLA M SEHORN 64	35.82 JEAN SCHNORBUS 65
34.38 BERNA M BENNETT 64	42.88 JUDY CHADIMA 62	41.46 JEAN TROY 64	36.11 SUZANNE GRAHAM 65
35.28 BETTY JANE RUSS 64	43.51 SYLVIA EISELE 62	41.87 JOAN E ALEXANDER 60	36.20 DOT DONNELLY 69
35.35 DELLA M SEHORN 64	43.56 BETTY JANE RUSS 64	41.95 BETTY JANE RUSS 64	36.41 JUNE KRAUSER 65
100 YD. FREE WOMEN 60-64	100 YD. BACK WOMEN 60-64	100 YD. FLY WOMEN 60-64	100 YD. FREE WOMEN 65-69
1:08.11 DOROTHY DONNELLY 82	1:17.94 CLARA WALKER 91	1:23.43 JEANNETTE EPPLEY 80	1:09.04 CLARA WALKER 92
1:11.41 DIANE REED 61	1:23.67 ROXANNE MOTTER 60	1:34.24 ANN M PISCIOTTA 60	1:09.04 CLARA WALKER 65
1:14.77 JEAN TROY 64	1:26.95 CYNTHIA BRUCE 64	1:36.91 NANCY MACBETH 63	1:14.12 PETEY MH. SMITH 67
1:14.96 DENA MANN 60	1:28.88 DENA MANN 60	1:37.03 BETTY JANE RUSS 64	1:16.77 FLORENCE CARR 66
1:16.73 BETTY JANE RUSS 64	1:28.99 NANCY MACBETH 63	1:38.40 JOAN E ALEXANDER 60	1:16.70 JUNE KRAUSER 65
1:16.82 MARGARET TIMMENS 62	1:29.41 DELLA M SEHORN 64	1:38.64 GAIL ROPER 62	1:19.67 MARGERY MEYER 69
1:17.59 GAIL ROPER 62	1:31.50 JUDY CHADIMA 62	1:39.81 CAROL TAYLOR 62	1:21.16 BERNIECE GREETHAM 65
1:17.96 BERNA M BENNETT 64	1:32.81 MARIA YUNGEL 60	1:40.74 SYLVIA EISELE 62	1:22.89 DOT DONNELLY 69
1:20.40 EDIE GRUENDER 63	1:34.40 SYLVIA EISELE 62	1:46.47 ANN SHENCK DALLAM 61	1:23.40 SUZANNE GRAHAM 65
1:21.04 KATHIE THEIS 60	1:34.48 CAROL TAYLOR 62	1:46.66 BARBARA OWENS 62	1:24.03 BETSY MONTGOMERY 67
1:21.42 ANN M PISCIOTTA 61	1:34.59 DIANE REED 61	1:49.97 JOYCE BAHLER 61	1:24.12 LOIS NOCHMAN 67
200 YD. FREE WOMEN 60-64	200 YD. BACK WOMEN 60-64	200 YD. FLY WOMEN 60-64	200 YD. FREE WOMEN 65-69
2:31.16 CLARA WALKER 87	2:54.83 CLARA WALKER 90	3:10.64 JUNE KRAUSER 88	2:35.44 CLARA WALKER 92
2:35.30 ROXANNE MOTTER 60	3:08.92 NANCY MACBETH 63	3:25.48 ANN PISCIOTTA 61	2:35.44 CLARA WALKER 65
2:40.46 DIANE REED 61	3:12.20 DELLA M SEHORN 64	3:30.99 BETTY JANE RUSS 64	2:46.19 PETEY MH. SMITH 67
2:42.27 JEAN TROY 64	3:21.58 MARIA YUNGEL 60	3:38.44 SYLVIA EISELE 62	2:46.23 JUNE KRAUSER 65
2:45.65 DENA MANN 60	3:23.67 JUDY CHADIMA 62	3:39.50 JOAN E ALEXANDER 60	2:47.80 LOUISE HEPNER 66
2:49.42 GAIL ROPER 62	3:25.37 ANN M PISCIOTTA 61	3:41.98 LILLY KRON 60	2:48.40 FLORENCE CARR 66
2:50.77 ANN M PISCIOTTA 61	3:25.73 JOAN MCINTYRE 63	3:53.66 ANN SHENCK DALLAM 61	2:53.78 MARGERY MEYER 69
2:53.04 BETTY JANE RUSS 64	3:26.38 SYLVIA EISELE 62	3:54.46 BARBARA OWENS 62	3:00.47 BERNIECE GREETHAM 65
2:57.66 EDIE GRUENDER 63	3:26.87 MARY MULLINS 60	3:54.92 NANCY DURSTEIN 62	3:04.07 BETSY MONTGOMERY 67
2:57.86 ELLEN VOSE 62	3:27.93 KATHIE THEIS 60	3:58.35 MARIANNA HAGAN 63	3:08.20 LOIS NOCHMAN 67
2:58.44 CAROL HENRY 63	3:29.71 JACQUELINE DUNLOP 61	3:58.98 RUTH HOSKINSON 62	3:09.46 C.WILLIAMS 67
500 YD. FREE WOMEN 60-64	50 YD. BRST WOMEN 60-64	100 YD. I.M. WOMEN 60-64	500 YD. FREE WOMEN 65-69
6:50.37 CLARA WALKER 89	39.74 CAROL TAYLOR 90	1:18.93 CLARA WALKER 89	6:49.80 CLARA WALKER 92
6:59.70 ROXANNE MOTTER 60	40.97 CAROL TAYLOR 62	1:25.39 GAIL ROPER 62	6:49.80 CLARA WALKER 65
7:19.57 DIANE REED 61	41.51 ANN PISCIOTTA 61	1:26.86 CYNTHIA BRUCE 64	7:14.92 JUNE KRAUSER 65
7:27.41 BETTY JANE RUSS 64	42.49 LILLY KRON 60	1:26.99 NANCY MACBETH 63	7:48.30 FLORENCE CARR 66
7:29.46 ANN M PISCIOTTA 61	42.88 SYLVIA EISELE 62	1:28.79 DELLA M SEHORN 64	7:53.38 MARGERY MEYER 69
7:52.45 NANCY DURSTEIN 62	45.41 JOYCE BAHLER 61	1:30.21 JEAN TROY 64	8:17.79 LOIS NOCHMAN 67
7:54.43 EDIE GRUENDER 63	45.56 CAROL FERGUSON 60	1:30.29 BETTY BREY 60	8:24.80 RUTH MANFREDI 68
7:59.01 ELLEN VOSE 62	45.57 JACQUELINE DUNLOP 61	1:30.83 DIANE REED 61	8:25.40 BETSY MONTGOMERY 67
8:07.69 BARBARA OWENS 62	45.74 ILSE PEREA 61	1:31.43 ANN M PISCIOTTA 61	8:37.10 FAY BECK 65
8:13.83 ALICE LAWRENCE 61	46.46 NANCY MACBETH 63	1:31.64 DENA MANN 60	8:38.52 CHARLOTTE COSTELLO 69
8:23.79 ANN SHENCK DALLAM 60	46.60 JEAN TROY 64	1:32.09 BETTY JANE RUSS 64	8:41.92 ELLA CARMICHAEL 68
1000 YD. FREE WOMEN 60-64	100 YD. BRST WOMEN 60-64	200 YD. I.M. WOMEN 60-64	1000 YD. FREE WOMEN 65-69
13:56.85 CLARA WALKER 87	1:27.13 ANN PISCIOTTA 91	2:52.50 CLARA WALKER 91	14:05.88 CLARA WALKER 92
14:59.29 DIANE REED 61	1:28.60 ANN PISCIOTTA 61	3:09.23 ANN PISCIOTTA 61	14:05.88 CLARA WALKER 65
15:49.70 BETTY JANE RUSS 64	1:32.00 CAROL TAYLOR 62	3:09.64 NANCY MACBETH 63	15:01.94 JUNE KRAUSER 65
15:53.64 ANN M PISCIOTTA 61	1:32.03 LILLY KRON 60	3:15.99 DELLA M SEHORN 64	15:17.30 PETEY MH. SMITH 67
16:24.73 ELLEN VOSE 62	1:34.80 SYLVIA EISELE 62	3:18.38 CAROL TAYLOR 62	15:33.87 FLORENCE CARR 66
16:40.65 NANCY DURSTEIN 62	1:36.76 CAROL FERGUSON 60	3:19.36 JEAN TROY 64	15:56.24 PAT DOTSON 65
16:44.48 MARIA YUNGEL 60	1:38.14 ILSE PEREA 61	3:24.24 DIANE REED 61	16:17.09 MARGERY MEYER 69
16:53.24 EDIE GRUENDER 63	1:39.65 NANCY MACBETH 63	3:25.67 SYLVIA EISELE 62	16:45.43 GRACE ALTUS 68
16:58.59 ANN SHENCK DALLAM 61	1:40.41 JOAN E ALEXANDER 60	3:27.00 JACQUELINE DUNLOP 61	16:47.28 BETSY MONTGOMERY 67
17:14.68 BETTY BARABASH 63	1:40.76 JOYCE BAHLER 62	3:27.59 BETTY JANE RUSS 64	16:50.96 LOIS NOCHMAN 67
17:50.62 RUTH AARON 62	1:42.86 JACQUELINE DUNLOP 61	3:30.45 EDIE GRUENDER 63	16:51.66 BERNIECE GREETHAM 65
1650 YD. FREE WOMEN 60-64	200 YD. BRST WOMEN 60-64	400 YD. I.M. WOMEN 60-64	1650 YD. FREE WOMEN 65-69
23:21.14 CLARA WALKER 89	3:11.24 ANN PISCIOTTA 91	6:14.72 CLARA WALKER 91	24:14.08 CLARA WALKER 92
26:28.62 BETTY JANE RUSS 64	3:11.53 ANN PISCIOTTA 61	6:44.15 ANN M PISCIOTTA 61	

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24:14.08 CLARA WALKER 65	3:17.42 CLARA WALKER 65	6:33.89 JUNE KRAUSER 65	28:09.39 RITA SIMONTON 73
24:41.52 JUNE KRAUSER 65	3:33.86 REGAN KENNER 68	7:21.76 FLORENCE CARR 66	29:40.61 BILLIE BURRILL 71
26:14.77 FLORENCE CARR 65	3:35.18 JUNE KRAUSER 65	7:28.07 LOIS NOCHMAN 67	30:46.19 SUSANNA MARVEL 72
26:54.54 GRACE ALTUS 68	3:41.76 M.J. AMSBARY 67	7:38.91 ALICIA COLEMAN 66	30:48.13 NANCY PHILLIPS 70
28:05.98 LOIS NOCHMAN 67	3:41.96 BETH BLICKFELDT 66	7:41.48 PETEY MH. SMITH 67	32:53.38 PAULINE B STANGEL 70
28:09.95 MARGERY MEYER 69	3:44.26 ALICIA COLEMAN 66	7:49.49 BETH BLICKFELDT 66	32:57.12 MARY JANE REEVES 74
29:10.37 NAN L BLACKLEDGE 66	3:46.71 PATSY E WEISS 69	8:02.57 JAE HOWELL 68	33:05.98 BUNNY CEDERLUND 70
29:12.64 RUTH MANFREDI 68	3:50.81 SARAH ALLNUTT 68	8:13.73 NAN BLACKLEDGE 67	33:13.77 JUNE REYNOLDS 70
29:51.31 CHARLOTE COSTELLO 69	3:59.74 LOIS NOCHMAN 67	8:17.67 MARGARET A WELLS 65	33:25.42 KAY SCHIMPF 74
30:51.22 CLARA SOTAK 67	4:01.19 JAE HOWELL 69	*****	34:34.56 ZADA W TAFT 72
50 YD. BACK WOMEN 65-69	50 YD. FLY WOMEN 65-69	50 YD. FREE WOMEN 70-74	50 YD. BACK WOMEN 70-74
36.03 CLARA WALKER 92	38.39 JEANNETTE EPPLEY 85	34.12 DOROTHY DONNELLY 92	41.96 BUNNY CEDERLUND 92
36.03 CLARA WALKER 65	38.89 FLORENCE CARR 66	34.12 DOROTHY DONNELLY 70	41.96 BUNNY CEDERLUND 70
38.20 DORIS STEADMAN 67	39.43 JUNE KRAUSER 65	37.68 B.BURRILL 71	44.06 BETTY CHRISTIAN 70
39.49 BERNIECE GREETHAM 65	40.42 CLARA WALKER 65	38.48 BUNNY CEDERLUND 70	45.41 NANCY PHILLIPS 70
40.78 MARGERY MEYER 69	40.97 LOIS NOCHMAN 67	38.59 SUSANNA MARVEL 72	45.53 H.HUGGINS 70
41.93 FLORENCE CARR 65	41.78 JEANNE MERRYMAN 68	38.85 NANCY PHILLIPS 70	47.78 JOSEPHINE PALLIN 72
43.02 REGAN KENNER 68	42.78 C.WILLIAMS 67	39.22 LOUISE DONOVAN 73	48.60 DIANA M SILVA 70
43.24 SARAH ALLNUTT 68	43.39 PATRICIA DOTSON 65	39.37 BARDI DENDY 71	48.69 LOUISE DONOVAN 73
43.72 JEANNE MERRYMAN 68	44.47 SARAH ALLNUTT 68	41.49 JUNE REYNOLDS 70	48.76 DOROTHY DONNELLY 70
44.45 C.WILLIAMS 67	45.39 PETEY MH. SMITH 67	41.72 DIANA M SILVA 70	49.09 GERTRUD ZINT 74
44.56 DORIS MCEWAN 67	45.54 BETTY DUNN 67	42.12 JOSEPHINE PALLIN 71	49.23 ANNALOU CARRIER 71
100 YD. BACK WOMEN 65-69	100 YD. FLY WOMEN 65-69	100 YD. FREE WOMEN 70-74	100 YD. BACK WOMEN 70-74
1:21.69 CLARA WALKER 92	1:28.14 JUNE KRAUSER 91	1:15.98 DOROTHY DONNELLY 92	1:35.53 BETTY CHRISTIAN 92
1:21.69 CLARA WALKER 65	1:28.14 JUNE KRAUSER 65	1:15.98 DOROTHY DONNELLY 70	1:35.53 BETTY CHRISTIAN 70
1:25.61 DORIS STEADMAN 67	1:37.64 PATRICIA DOTSON 65	1:25.37 BILLIE BURRILL 71	1:35.78 BUNNY CEDERLUND 70
1:30.72 BERNIECE GREETHAM 65	1:39.30 LOIS NOCHMAN 67	1:27.38 LOUISE DONOVAN 73	1:43.07 NANCY PHILLIPS 70
1:32.39 REGAN KENNER 68	1:39.66 FLORENCE CARR 66	1:28.82 SUSANNA MARVEL 72	1:44.32 DOROTHY DONNELLY 70
1:32.99 FLORENCE CARR 65	1:47.39 BETTY DUNN 67	1:29.25 NANCY PHILLIPS 70	1:47.26 H.HUGGINS 70
1:34.60 C.WILLIAMS 67	1:49.40 RUTH MANFREDI 68	1:30.25 MARY LEE WATSON 70	1:47.62 JOSEPHINE PALLIN 71
1:34.61 JEANNE MERRYMAN 68	1:50.11 ALICIA COLEMAN 66	1:32.63 BARDI DENDY 71	1:47.70 MARY LEE WATSON 70
1:35.42 MARGERY MEYER 69	1:52.28 DIANA M SILVA 69	1:32.80 BUNNY CEDERLUND 70	1:48.60 MERLYN EUBANK 72
1:35.49 JUNE KRAUSER 65	1:54.13 JAE HOWELL 68	1:33.99 BETTY KENDALL 71	1:48.86 LOUISE DONOVAN 73
1:36.94 PETEY MH. SMITH 67	1:59.00 JUNE REYNOLDS 69	1:34.50 JUNE REYNOLDS 70	1:49.46 GERTRUD ZINT 74
200 YD. BACK WOMEN 65-69	200 YD. FLY WOMEN 65-69	200 YD. FREE WOMEN 70-74	200 YD. BACK WOMEN 70-74
2:58.87 CLARA WALKER 92	3:13.72 JUNE KRAUSER 91	2:58.72 DOROTHY DONNELLY 92	3:30.69 Y FRISCHHERTZ 90
2:58.87 CLARA WALKER 65	3:13.72 JUNE KRAUSER 65	2:58.72 DOROTHY DONNELLY 70	3:44.00 NANCY PHILLIPS 70
3:09.97 DORIS STEADMAN 67	3:44.60 LOIS NOCHMAN 67	3:09.43 RITA SIMONTON 73	3:45.05 MARY LEE WATSON 70
3:17.73 BERNIECE GREETHAM 65	3:56.91 RUTH MANFREDI 68	3:10.09 BILLIE BURRILL 71	3:50.00 MERLYN EUBANK 72
3:20.03 REGAN KENNER 68	4:03.88 JAE HOWELL 68	3:10.95 MARY LEE WATSON 70	3:50.41 BUNNY CEDERLUND 70
3:21.14 JUNE KRAUSER 65	4:09.13 BETTY DUNN 67	3:17.17 LOUISE DONOVAN 73	3:54.30 LOUISE DONOVAN 73
3:23.23 PATSY E WEISS 69	4:13.15 GLADYS OLSEN 65	3:21.25 NANCY PHILLIPS 70	3:56.36 MARDIE BROWN 74
3:26.21 FLORENCE CARR 65	4:41.91 MARGARET A WELLS 65	3:22.66 SUSANNA MARVEL 72	3:58.03 SUSANNA MARVEL 72
3:27.30 LOIS NOCHMAN 67	5:24.95 MARJORIE NEWMAN 68	3:26.32 SYLVIA HILL 70	3:59.19 GERTRUD ZINT 74
3:28.18 PETEY MH. SMITH 67	5:39.83 ELLEN BOWEN 67	3:31.17 GERTRUD ZINT 74	4:01.30 ZADA W TAFT 72
3:29.44 MARGERY MEYER 69	100 YD. I.M. WOMEN 65-69	3:35.10 BUNNY CEDERLUND 70	4:01.33 H.HUGGINS 70
50 YD. BRST WOMEN 65-69	1:19.84 CLARA WALKER 92	500 YD. FREE WOMEN 70-74	50 YD. BRST WOMEN 70-74
40.93 CLARA WALKER 92	1:19.84 CLARA WALKER 65	8:09.64 RITA SIMONTON 92	44.27 BETTY CHRISTIAN 92
40.93 CLARA WALKER 65	1:28.54 JUNE KRAUSER 65	8:09.64 RITA SIMONTON 73	44.27 BETTY CHRISTIAN 70
44.24 M. J. AMSBARY 67	1:30.03 FLORENCE CARR 66	8:26.90 B.BURRILL 71	47.86 GERTRUD ZINT 74
44.58 BETH BLICKFELDT 66	1:31.01 BERNIECE GREETHAM 65	8:44.40 MARY LEE WATSON 70	52.85 PAULINE B STANGEL 70
44.61 REGAN KENNER 68	1:34.06 LOIS NOCHMAN 67	8:54.15 SUSANNA MARVEL 72	53.20 SALLY JOY 74
44.87 FLORENCE CARR 66	1:34.96 DORIS MCEWAN 67	8:59.35 LOUISE DONOVAN 73	54.21 GERTRUDE BOX 70
44.94 JUNE KRAUSER 65	1:36.78 CHARLOTE COSTELLO 69	9:04.55 SYLVIA HILL 70	54.43 JEAN ZULICH 71
45.27 ALICIA COLEMAN 66	1:37.72 C.WILLIAMS 67	9:26.37 MERLYN EUBANK 72	54.50 BARDI DENDY 71
46.29 CHARLOTE COSTELLO 69	1:38.70 PETEY MH. SMITH 67	9:29.36 JANE ROSSELL 70	55.00 MARY CULHANE 70
46.79 BERNIECE GREETHAM 65	1:38.79 SARAH ALLNUTT 68	9:35.47 PAULINE B STANGEL 70	55.75 AGOTA FROHS 72
47.10 PATSY E WEISS 69	200 YD. I.M. WOMEN 65-69	9:35.51 KAY SCHIMPF 74	55.76 ANNELIESE EIBL 71
100 YD. BRST WOMEN 65-69	2:54.51 CLARA WALKER 92	1000 YD. FREE WOMEN 70-74	100 YD. BRST WOMEN 70-74
1:30.66 CLARA WALKER 92	2:54.51 CLARA WALKER 65	17:01.69 RITA SIMONTON 92	1:39.18 BETTY CHRISTIAN 92
1:30.66 CLARA WALKER 65	3:06.46 JUNE KRAUSER 65	17:01.69 RITA SIMONTON 73	1:39.18 BETTY CHRISTIAN 70
1:37.96 JUNE KRAUSER 65	3:23.43 PATRICIA DOTSON 65	17:20.83 MARY LEE WATSON 70	1:48.96 GERTRUD ZINT 74
1:40.07 REGAN KENNER 68	3:23.89 FLORENCE CARR 66	17:59.90 BILLIE BURILL 70	1:57.78 RITA SIMONTON 73
1:40.33 BETH BLICKFELDT 66	3:27.52 LOIS NOCHMAN 67	18:04.23 DOROTHY DONNELLY 70	1:58.81 PAULINE B STANGEL 70
1:40.93 M AMSBARY 67	3:33.14 C.WILLIAMS 67	18:21.74 SUSANNA MARVEL 72	2:02.38 AGOTA FROHS 72
1:41.24 CHARLOTE COSTELLO 69	3:35.11 ALICIA COLEMAN 66	18:50.72 MAURINE KORNFELD 70	2:02.62 MARY CULHANE 70
1:41.47 LOUISE HEPNER 66	3:36.68 PETEY MH. SMITH 67	19:24.79 MERLYN EUBANK 72	2:02.70 MERLYN EUBANK 72
1:41.61 ALICIA COLEMAN 66	3:39.56 BETH BLICKFELDT 66	19:30.17 HELEN HUMMER 72	2:05.29 SALLY JOY 74
1:44.75 PATSY E WEISS 69	3:40.43 RUTH MANFREDI 68	19:31.73 JUNE REYNOLDS 70	2:05.43 PATRICIA PREVETZ 70
1:45.24 SARAH ALLNUTT 68	400 YD. I.M. WOMEN 65-69	19:34.98 KAY SCHIMPF 74	2:05.83 POLLY HERZER 71
200 YD. BRST WOMEN 65-69	6:24.75 CLARA WALKER 92	1650 YD. FREE WOMEN 70-74	200 YD. BRST WOMEN 70-74
3:17.42 CLARA WALKER 92	6:24.75 CLARA WALKER 65	28:05.85 RITA SIMONTON 91	3:36.00 BETTY CHRISTIAN 92

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3:36.00 BETTY CHRISTIAN 70	8:02.45 RITA SIMONTON 73	31:01.55 JEAN DURSTON 90	4:37.49 SALLY JOY 75
4:03.26 GERTRUD ZINT 74	8:26.64 GERTRUD ZINT 74	31:41.63 MARIA LENK-ZIGLER 77	4:41.33 JEAN D DURSTON 77
4:18.55 AGOTA FROHS 72	8:32.84 JUNE REYNOLDS 70	32:50.08 JEAN D DURSTON 77	4:48.70 MARY WENTWORTH 76
4:18.64 JUNE REYNOLDS 70	8:49.04 KAY SCHIMPF 74	36:58.30 PAT MATTHIESEN 75	5:09.54 PAT MATTHIESEN 75
4:18.99 PAULINE B STANGEL 70	9:00.85 JEANNETTE EPPLEY 72	40:10.43 GENEVA KAHRS 78	5:11.25 HELEN ROUMASSET 76
4:23.35 MERLYN EUBANK 72	9:06.02 ZADA TAFT 72	41:39.18 MARY LATHRAM 76	5:31.34 HILDA G BUEL 77
4:27.86 KAY SCHIMPF 74	10:43.08 ROSEMARY KARIKER 72	43:51.64 ANNE WILDER 78	5:47.85 HELENA W HOFFMAN 76
4:31.34 ANNELIESE EIBL 71	11:11.01 VICTORIA HARRIS 72	47:41.51 MILLIE HUPP 76	5:58.72 JANET MESERVEY 77
4:36.60 SALLY JOY 74	11:26.72 ELFIE J STEVENIN 70	48:27.00 RUTH HAMILTON 77	7:28.78 RUTH HAMILTON 77
4:44.95 MARY JANE REEVES 74	11:55.10 JUDY M MELCHER 71	50 YD. BACK WOMEN 75-79	50 YD. FLY WOMEN 75-79
50 YD. FLY WOMEN 70-74	*****	46.51 MARIE WICKLUN 89	49.97 MARGARET HUBBARD 90
40.34 JEANNETTE EPPLEY 90	50 YD. FREE WOMEN 75-79	47.06 ANNE WALKER 76	52.20 MARIA LENK-ZIGLER 77
44.70 JEANNETTE EPPLEY 72	36.17 LENORE WINGARD 87	48.60 MARIE WICKLUN 78	55.42 SALLY JOY 75
47.57 DIANA M SILVA 70	41.37 MARGARET NAGLE 75	49.01 MARDIE BROWN 75	55.97 MARGARET HUBBARD 76
47.57 GERTRUD ZINT 74	41.59 NANCY CLARK 77	51.54 AUDREY H ETIENNE 75	56.42 JEAN D DURSTON 77
47.85 NANCY PHILLIPS 70	41.92 ANNE WALKER 76	54.06 MARGARET HUBBARD 76	56.79 MARDIE BROWN 75
49.00 DOROTHY DONNELLY 70	42.19 AUDREY H ETIENNE 75	54.79 MARGARET NAGLE 75	1:03.53 PAT MATTHIESEN 75
51.35 SUE MC GAUGHEY 70	45.27 MARGARET HUBBARD 76	55.58 RUTH HALLDORSON 77	1:10.11 HELEN ROUMASSET 76
52.03 JUNE REYNOLDS 70	46.25 MARDIE BROWN 75	55.63 SALLY JOY 75	1:11.52 ROBERTA SUGDEN 75
52.30 BARDI DENDY 71	47.18 C.DONAHUE 75	55.82 FRANCES CICHANSKI 75	1:12.12 ANNE WILDER 78
53.06 RITA SIMONTON 73	47.46 SALLY JOY 75	56.75 PAT MATTHIESEN 75	1:12.59 MARIE KELLEHER 79
54.22 KAY SCHIMPF 74	47.85 LEE STEVENSON 76	100 YD. BACK WOMEN 75-79	100 YD. FLY WOMEN 75-79
100 YD. FLY WOMEN 70-74	48.39 JEAN D DURSTON 77	1:42.30 ANNE WALKER 92	2:00.66 JEAN DURSTON 90
1:39.75 JEANNETTE EPPLEY 90	100 YD. FREE WOMEN 75-79	1:42.30 ANNE WALKER 76	2:09.49 JEAN D DURSTON 77
1:49.37 JEANNETTE EPPLEY 72	1:21.57 LENORE WINGARD 86	1:47.18 MARIE WICKLUN 78	2:24.59 MARY WENTWORTH 76
1:52.49 DIANA M SILVA 70	1:35.09 AUDREY H ETIENNE 75	1:56.46 SALLY JOY 75	2:26.08 PAT MATTHIESEN 75
1:54.68 GERTRUD ZINT 74	1:35.23 NANCY CLARK 77	1:57.75 AUDREY H ETIENNE 75	2:41.76 HILDA G BUEL 78
1:58.02 JUNE REYNOLDS 70	1:40.77 ANNE WALKER 76	2:02.94 FRANCES CICHANSKI 75	2:43.42 HELEN ROUMASSET 76
2:02.32 SUE MC GAUGHEY 70	1:41.24 MARIE WICKLUN 78	2:09.71 JEAN D DURSTON 77	2:48.45 ANNE WILDER 78
2:02.71 ZADA W TAFT 72	1:41.60 MARGARET HUBBARD 76	2:10.09 PAT MATTHIESEN 75	3:04.48 HELENA W HOFFMAN 76
2:11.09 JEAN ZULICH 71	1:43.15 MARGARET NAGLE 75	2:10.25 MARION MUELLER 79	3:37.76 JUDITH GORDAN 79
2:14.09 KAY SCHIMPF 74	1:47.64 JEAN DURSTON 77	2:10.93 MARY LATHRAM 76	200 YD. FLY WOMEN 75-79
2:15.92 WINNIE WALTERS 70	1:49.45 SALLY JOY 75	2:11.98 MARY WENTWORTH 75	4:19.43 MAXINE MERLINO 88
2:27.47 MARDIE BROWN 74	1:52.48 LOIS ELLERT 76	200 YD. BACK WOMEN 75-79	4:38.70 JEAN D DURSTON 77
200 YD. FLY WOMEN 70-74	1:52.61 VICKEE SULLIVAN 75	3:42.11 MARIE WICKLUN 91	5:05.66 MARY WENTWORTH 76
3:54.84 JEANNETTE EPPLEY 90	200 YD. FREE WOMEN 75-79	3:42.12 ANNE WALKER 76	5:15.05 PAT MATTHIESEN 75
4:17.65 JUNE REYNOLDS 70	3:05.04 LENORE WINGARD 87	3:49.44 MARIE WICKLUN 78	6:06.11 HILDA G BUEL 78
4:17.99 RITA SIMONTON 73	3:32.75 AUDREY H ETIENNE 75	4:15.68 SALLY JOY 75	6:31.87 ANNE WILDER 78
4:31.20 JEANNETTE EPPLEY 72	3:35.62 MARGARET HUBBARD 76	4:24.28 AUDREY H ETIENNE 75	6:55.45 HELENA W HOFFMAN 76
4:41.65 GERTRUD ZINT 74	3:38.40 NANCY CLARK 77	4:25.69 RUTH HAMILTON 77	100 YD. I.M. WOMEN 75-79
4:48.42 KAY SCHIMPF 74	3:41.09 ANNE WALKER 76	4:28.31 FRANCES CICHANSKI 75	1:48.71 MARIA LENK-ZIGLER 92
4:56.86 WINNIE WALTERS 70	3:44.33 JEAN D DURSTON 77	4:29.33 PAT MATTHIESEN 75	1:48.71 MARIA LENK-ZIGLER 77
4:59.77 ZADA TAFT 72	3:45.55 MARIE WICKLUN 77	4:32.80 JEAN D DURSTON 77	1:53.70 MARGARET HUBBARD 76
5:24.08 ROSEMARY KARIKER 72	3:52.53 MARGARET NAGLE 75	4:35.24 MARY LATHRAM 76	1:53.91 AUDREY H ETIENNE 75
5:34.15 DOROTHY KIMMEL 71	3:59.51 RUTH HALLDORSON 77	4:44.89 MARION MUELLER 79	1:58.40 SALLY JOY 75
6:05.45 ELFIE J STEVENIN 70	4:05.74 MARIE KELLEHER 79	50 YD. BRST WOMEN 75-79	2:01.94 JEAN D DURSTON 77
100 YD. I.M. WOMEN 70-74	4:10.81 PAT MATTHIESEN 75	53.13 SALLY JOY 92	2:06.31 PAT MATTHIESEN 75
1:33.69 BETTY CHRISTIAN 92	500 YD. FREE WOMEN 75-79	53.13 SALLY JOY 75	2:18.10 HELEN ROUMASSET 76
1:33.69 BETTY CHRISTIAN 70	9:16.23 AUDREY ETIENNE 92	53.61 MARGARET HUBBARD 77	2:19.10 MARIE KELLEHER 78
1:33.92 DOROTHY DONNELLY 70	9:16.23 AUDREY H ETIENNE 75	58.45 MARDIE BROWN 75	2:22.83 FRANCES CICHANSKI 75
1:45.22 NANCY PHILLIPS 70	9:20.68 MARIA LENK-ZIGLER 77	1:00.58 PAT MATTHIESEN 75	2:27.58 ANNE WILDER 78
1:45.74 GERTRUD ZINT 74	9:42.02 JEAN D DURSTON 77	1:01.66 JEAN D DURSTON 77	200 YD. I.M. WOMEN 75-79
1:46.81 JEANNETTE EPPLEY 72	9:56.00 ANNE WALKER 76	1:03.08 AUDREY H ETIENNE 75	3:56.09 MAXINE MERLINO 88
1:48.84 BILLIE BURRILL 71	9:57.31 MARIE WICKLUN 77	1:04.98 HELEN ROUMASSET 76	4:02.07 MARIA LENK-ZIGLER 77
1:51.20 BARDI DENDY 71	10:10.36 NANCY CLARK 77	1:08.33 BETH HANKS 75	4:15.83 MARDIE BROWN 75
1:52.30 MERLYN EUBANK 72	10:24.87 MARGARET NAGLE 75	1:10.33 MARIE KELLEHER 78	4:18.24 JEAN D DURSTON 77
1:52.90 SUE MC GAUGHEY 70	10:51.60 EVELYN MCKEON 77	1:11.71 BUZ CATLIN 77	4:42.97 PAT MATTHIESEN 75
1:53.88 IRENE SANDAHL 70	10:58.04 PAT MATTHIESEN 75	100 YD. BRST WOMEN 75-79	4:46.61 MARY WENTWORTH 76
200 YD. I.M. WOMEN 70-74	11:23.59 MARIE KELLEHER 79	1:59.24 MAXINE MERLINO 88	4:57.41 HELEN ROUMASSET 76
3:31.04 DOROTHY DONNELLY 92	1000 YD. FREE WOMEN 75-79	2:02.24 MARGARET HUBBARD 76	5:16.14 MARIE KELLEHER 78
3:31.04 DOROTHY DONNELLY 70	18:51.01 JEAN DURSTON 90	2:04.14 SALLY JOY 75	5:20.94 ANNE WILDER 78
3:50.91 GERTRUD ZINT 74	19:45.44 JEAN D DURSTON 77	2:11.98 JEAN D DURSTON 77	5:25.33 HILDA G BUEL 77
3:51.94 RITA SIMONTON 72	19:48.46 AUDREY H ETIENNE 75	2:16.91 MARY WENTWORTH 76	5:44.12 ROBERTA SUGDEN 75
3:52.50 NANCY PHILLIPS 70	21:19.25 RUTH HALLDORSON 77	2:17.86 PAT MATTHIESEN 75	400 YD. I.M. WOMEN 75-79
3:57.93 JEANNETTE EPPLEY 72	21:20.28 NANCY CLARK 77	2:28.52 HELEN ROUMASSET 76	8:10.40 MAXINE MERLINO 88
4:00.68 MERLYN EUBANK 72	21:21.45 MARIE WICKLUN 78	2:30.74 HILDA G BUEL 78	9:04.84 JEAN D DURSTON 77
4:03.98 JUNE REYNOLDS 70	21:47.09 PAT MATTHIESEN 75	2:38.75 BUZ CATLIN 77	10:06.59 PAT MATTHIESEN 75
4:08.53 SYLVIA HILL 70	23:30.31 MARIE KELLEHER 78	2:44.45 ANNE WILDER 78	10:08.04 MARY WENTWORTH 76
4:10.38 MARDIE BROWN 74	24:35.85 MARY WENTWORTH 76	2:46.61 HELENA W HOFFMAN 76	11:26.78 HILDA G BUEL 78
4:14.19 ZADA W TAFT 72	25:07.21 LEE HOLM 77	200 YD. BRST WOMEN 75-79	11:43.02 ANNE WILDER 78
400 YD. I.M. WOMEN 70-74	25:29.08 RUTH HAMILTON 77	4:09.09 MAXINE MERLINO 88	12:29.62 HELENA W HOFFMAN 76
7:36.45 MAXINE MERLINO 82	1650 YD. FREE WOMEN 75-79	4:28.78 MARGARET HUBBARD 77	*****

# TOP TEN

## SHORT COURSE YARDS

50 YD. FREE WOMEN 80-84	2:28.92 EDITH HENDRY 81	1:55.28 HAZEL RAMBO 88	3:31.33 LUELLA TYRA 84
44.25 JULIA DOLCE 91	2:29.09 BETTY ETCHHELLS 81	100 YD. FREE WOMEN 85-89	NO SWIMMERS
45.29 JULIA DOLCE 82	2:32.13 GERALDINE TURNER 82	1:51.05 AILEEN SOULE 91	200 YD. FREE WOMEN 90-94
53.67 BETTY ETCHHELLS 81	2:35.89 HEDY PULLMAN 80	2:05.77 AILEEN SOULE 86	8:28.07 LUELLA TYRA 83
53.78 EDITH HENDRY 81	200 YD. BACK WOMEN 80-84	2:34.42 MARIAN MC KECHNIE 87	NO SWIMMERS
54.95 ELSA MATTILA 81	4:16.57 AILEEN SOULE 91	2:49.47 MARJ POLLOCK 85	50 YD. BACK WOMEN 90-94
55.30 ELLEN TAIT 81	4:38.86 ELSA MATTILA 81	2:54.59 ANNA BAUSCHER 89	1:42.97 PEARL MILLER 88
57.62 EDIE GOLDMAN 81	4:45.09 MARION MUELLER 80	200 YD. FREE WOMEN 85-89	NO SWIMMERS
58.22 MEREDITH SCANLON 81	5:08.48 EDITH HENDRY 81	4:08.66 AILEEN SOULE 91	100 YD. BACK WOMEN 90-94
1:00.42 GERALDINE TURNER 82	5:13.88 BETTY ETCHHELLS 81	4:39.75 AILEEN SOULE 86	3:32.00 PEARL MILLER 88
1:01.00 PEARL SOBEL 80	5:18.30 HEDY PULLMAN 81	5:28.47 MARIAN MC KECHNIE 87	NO SWIMMERS
1:02.37 MARION MUELLER 80	50 YD. BRST WOMEN 80-84	5:49.57 KATHERINE PELTON 86	200 YD. BACK WOMEN 90-94
100 YD. FREE WOMEN 80-84	1:01.70 ELSA MATTILA 90	5:59.27 ANNA BAUSCHER 89	7:33.41 PEARL MILLER 88
1:39.96 JULIA DOLCE 90	1:04.09 MADELEINE MILLER 81	500 YD. FREE WOMEN 85-89	NO SWIMMERS
1:47.10 JULIA DOLCE 82	1:04.76 ELSA MATTILA 81	14:15.17 MARIAN MCKECHNIE 90	50 YD. BRST WOMEN 90-94
1:58.67 BETTY ETCHHELLS 81	1:07.10 MARIE HEIKKINEN 80	14:47.56 MARIAN MC KECHNIE 87	2:26.52 LUELLA TYRA 84
2:04.15 EDITH HENDRY 81	1:12.20 EDIE GOLDMAN 81	1000 YD. FREE WOMEN 85-89	NO SWIMMERS
2:06.46 ELSA MATTILA 81	1:35.01 HEDY PULLMAN 81	30:28.48 MARIAN MCKECHNIE 92	100 YD. BRST WOMEN 90-94
2:06.92 ELLEN TAIT 81	1:54.87 GRACE O HIDDLESOON 82	30:28.48 MARIAN MC KECHNIE 87	5:30.32 LUELLA TYRA 83
2:08.53 MEREDITH SCANLON 81	2:06.26 HAZEL B BRESSIE 83	1650 YD. FREE WOMEN 85-89	NO SWIMMERS
2:18.30 EDIE GOLDMAN 81	2:10.71 JEANNE MILLER 83	50:54.73 ELLA PECKHAM 85	200 YD. BRST WOMEN 90-94
2:19.16 MARION MUELLER 80	100 YD. BRST WOMEN 80-84	NO SWIMMERS	11:48.36 LUELLA TYRA 83
2:25.11 RUTH SWITZER 84	2:18.65 ELSA MATTILA 90	50 YD. BACK WOMEN 85-89	NO SWIMMERS
4:15.19 HAZEL B BRESSIE 83	2:28.08 MADELEINE MILLER 81	49.59 AILEEN SOULE 91	*****
200 YD. FREE WOMEN 80-84	2:28.28 ELSA MATTILA 81	53.45 AILEEN SOULE 86	50 YD. FREE M E N 19-24
3:51.76 JULIA DOLCE 90	2:29.07 MARIE HEIKKINEN 80	1:15.03 MARIAN MC KECHNIE 87	21.07 ADAM WERTH 92
4:05.65 JULIA DOLCE 82	3:13.90 HEDY PULLMAN 81	1:50.36 MAMIE BROWN 87	21.07 ADAM WERTH 22
4:32.29 BETTY ETCHHELLS 81	3:47.35 ELIZABETH JOHN 81	1:56.83 HAZEL RAMBO 88	21.45 NEILL WILLIAMS 24
4:40.93 ELLEN TAIT 81	4:20.71 GRACE O HIDDLESOON 82	100 YD. BACK WOMEN 85-89	21.61 GARY Y YANG 23
4:56.07 EDITH HENDRY 81	5:00.24 HAZEL B BRESSIE 83	1:55.84 AILEEN SOULE 91	21.73 DAN DUMFORD 24
4:56.75 MEREDITH SCANLON 81	200 YD. BRST WOMEN 80-84	2:50.80 ANNA BAUSCHER 89	21.79 BRADFORD AXEL 23
5:06.10 RUTH SWITZER 84	5:03.19 ELSA MATTILA 92	2:58.60 MARIAN MC KECHNIE 87	21.84 MATTHEW ROSSI 24
5:10.67 MARION MUELLER 80	5:03.19 ELSA MATTILA 81	3:55.51 HAZEL RAMBO 88	21.90 JON HOWELL 24
5:26.92 HEDY PULLMAN 81	5:41.63 MADELEINE MILLER 81	200 YD. BACK WOMEN 85-89	21.93 KEITH KAPLAN 24
6:01.08 GERALDINE TURNER 80	10:08.82 HAZEL B BRESSIE 82	4:09.33 AILEEN SOULE 91	21.99 RUSS KNEIPP 23
500 YD. FREE WOMEN 80-84	50 YD. FLY WOMEN 80-84	4:34.34 AILEEN SOULE 86	22.00 KELLY BARNHILL JR 24
10:45.81 RUTH SWITZER 88	1:06.25 KATHERINE PELTON 86	6:32.26 MARIAN MC KECHNIE 87	100 YD. FREE M E N 19-24
11:25.78 JULIA DOLCE 82	1:09.26 ELSA MATTILA 81	50 YD. BRST WOMEN 85-89	45.90 JOHN KEPPELER 92
13:13.52 MARION MUELLER 80	1:17.05 EDIE GOLDMAN 81	1:17.90 MARJ POLLOCK 92	45.90 JOHN KEPPELER 24
13:16.25 ELLEN TAIT 81	2:38.56 HAZEL B BRESSIE 83	1:17.90 MARJ POLLOCK 85	46.76 JOHN MATSON 24
13:20.62 EDITH HENDRY 81	100 YD. FLY WOMEN 80-84	1:38.38 KATHERINE PELTON 86	47.29 RUSSELL KNEIPP 23
16:08.72 HEDY PULLMAN 80	2:36.36 KATHERINE PELTON 86	2:53.65 HELEN SINGLETON 85	47.54 MATTHEW ROSSI 24
17:52.69 HAZEL B BRESSIE 82	2:45.23 ELSA MATTILA 81	100 YD. BRST WOMEN 85-89	47.68 DAN DUMFORD 24
1000 YD. FREE WOMEN 80-84	5:58.87 HAZEL B BRESSIE 82	2:47.87 KATHERINE PELTON 91	47.73 ANDREW ELLIS 23
22:36.51 DOROTHY HOPKINS 90	200 YD. FLY WOMEN 80-84	2:55.42 MARJ POLLOCK 85	47.85 GARY Y YANG 23
23:39.89 JULIA DOLCE 82	5:33.46 ELSA MATTILA 91	200 YD. BRST WOMEN 85-89	48.15 BRADFORD AXEL 23
28:12.32 EDITH HENDRY 81	5:46.79 ELSA MATTILA 80	6:12.44 KATHERINE PELTON 91	48.30 JOHN WITCHEL 23
28:34.24 MARION MUELLER 80	100 YD. I.M. WOMEN 80-84	6:28.95 MARJ POLLOCK 85	48.85 JOHN HERBERT 23
31:55.93 ELIZABETH JOHN 81	2:14.16 ELSA MATTILA 90	7:25.93 KATHERINE PELTON 86	200 YD. FREE M E N 19-24
1650 YD. FREE WOMEN 80-84	2:15.08 ELSA MATTILA 81	50 YD. FLY WOMEN 85-89	1:41.45 JOHN KEPPELER 92
38:35.07 DOROTHY HOPKINS 90	2:25.90 MARIE HEIKKINEN 80	1:16.00 ELLA PECKHAM 85	1:41.45 JOHN KEPPELER 24
NO SWIMMERS	2:32.18 MADELEINE MILLER 81	3:42.80 ANNA BAUSCHER 89	1:42.30 RICHARD DREWELOW 22
50 YD. BACK WOMEN 80-84	2:36.39 EDIE GOLDMAN 81	100 YD. FLY WOMEN 85-89	1:45.19 RUSSELL KNEIPP 23
52.35 AILEEN SOULE 89	2:41.98 PEARL SOBEL 80	3:01.71 ELLA PECKHAM 84	1:46.63 MICHEAL TRAVERS 24
1:00.08 EDITH HENDRY 81	3:12.58 MARION MUELLER 80	3:14.52 KATHERINE PELTON 86	1:46.77 DARREN J DUTTO 23
1:00.33 MARIE HEIKKINEN 80	4:22.37 HAZEL B BRESSIE 83	200 YD. FLY WOMEN 85-89	1:47.36 ANDREW JETER 24
1:00.70 MARION MUELLER 80	200 YD. I.M. WOMEN 80-84	6:39.85 KATHERINE PELTON 91	1:47.66 GREGORY N MACKEM 23
1:02.13 MADELEINE MILLER 81	4:51.27 JEWEL COOKE 89	NO SWIMMERS	1:47.79 SIMON FINLAYSON 24
1:02.67 ELSA MATTILA 81	4:56.77 ELSA MATTILA 81	100 YD. I.M. WOMEN 85-89	1:48.67 ANDREW ELLIS 23
1:06.18 EDIE GOLDMAN 81	5:43.44 EDIE GOLDMAN 81	2:41.31 ELLA PECKHAM 84	1:49.50 KEVIN DESTRAMPE 19
1:07.22 PEARL SOBEL 80	9:06.72 HAZEL B BRESSIE 82	4:50.05 ANNA BAUSCHER 89	500 YD. FREE M E N 19-24
1:09.51 BETTY ETCHHELLS 81	400 YD. I.M. WOMEN 80-84	200 YD. I.M. WOMEN 85-89	4:38.46 RICHARD DREWELOW 92
1:11.18 HEDY PULLMAN 81	9:53.28 ELSA MATTILA 90	5:57.63 ELLA PECKHAM 85	4:38.46 RICHARD DREWELOW 22
1:11.77 MEREDITH SCANLON 81	10:21.82 ELSA MATTILA 81	NO SWIMMERS	4:51.93 JEFFREY ROWDIN 23
100 YD. BACK WOMEN 80-84	*****	400 YD. I.M. WOMEN 85-89	4:53.11 SIMON FINLAYSON 24
1:56.19 AILEEN SOULE 89	50 YD. FREE WOMEN 85-89	17:13.92 MARTHA KELLER 86	4:54.49 GREGORY N MACKEM 23
2:10.57 MARIE HEIKKINEN 80	48.59 AILEEN SOULE 91	NO SWIMMERS	4:56.14 JIM CRAMPTON 22
2:13.41 ELSA MATTILA 81	53.58 AILEEN SOULE 86	*****	5:00.70 SCOTT D SCHUMAKER 21
2:20.28 MARION MUELLER 80	1:07.13 MARIAN MC KECHNIE 87	50 YD. FREE WOMEN 90-94	5:03.36 KEVIN DESTRAMPE 19
2:20.61 JULIA DOLCE 82	1:12.57 MARJ POLLOCK 85	1:27.65 LUELLA TYRA 83	5:04.68 JOHN WITCHEL 24
2:25.79 MEREDITH SCANLON 81	1:38.84 MAMIE BROWN 87	NO SWIMMERS	5:05.03 ROLF G MIFFLIN 19
2:26.75 MADELEINE MILLER 81	1:54.78 HELEN SINGLETON 85	100 YD. FREE WOMEN 90-94	5:06.60 CLAY STANTON 24

# TOP TEN

## SHORT COURSE YARDS

<p>1000 YD. FREE M E N 19-24</p> <p>9:49.98 MARK CLEAVENGER 87</p> <p>10:29.91 GREG MACKEM 23</p> <p>10:35.42 ROLF G MIFFLIN 19</p> <p>10:38.34 TODD GERLACH 23</p> <p>10:46.10 GUY GENIN 23</p> <p>10:46.94 KURT PREDMORE 23</p> <p>10:48.46 BRYAN BUTERBAUGH 22</p> <p>10:49.08 JOHN WITCHEL 24</p> <p>11:03.10 JOE LOCKE 22</p> <p>11:13.87 JEFFREY BARANY 23</p> <p>11:15.02 ROBERT MANUEL 24</p> <p>1650 YD. FREE M E N 19-24</p> <p>16:46.74 MICHAEL COLLINS 89</p> <p>18:23.18 BRYAN BUTERBAUGH 22</p> <p>19:05.97 DAVID DAMMERMAN 23</p> <p>19:06.72 ARTHUR L MORGAN 20</p> <p>19:17.61 DAVID DUNSON 19</p> <p>19:19.85 ROBERT VALENTIN 22</p> <p>19:36.89 JOHN WILLIAMS 23</p> <p>19:50.30 CHARLES R EHM 22</p> <p>19:52.74 JUSTIN DORE 22</p> <p>20:04.62 CHASE M WATTS 24</p> <p>20:37.34 KENTON R JONES 24</p> <p>50 YD. BACK M E N 19-24</p> <p>24.19 JOHN KEPPELER 92</p> <p>24.19 JOHN KEPPELER 24</p> <p>24.83 DAN DUMFORD 24</p> <p>25.11 ADAM WERTH 22</p> <p>25.13 STEPHEN PETRIE 23</p> <p>25.17 GARY Y YANG 23</p> <p>25.40 BRADFORD AXEL 23</p> <p>25.53 GREGORY N MACKEM 23</p> <p>25.78 MARK TOWNSEND 24</p> <p>25.83 KIRK CLEAR 24</p> <p>26.15 CHUCK NIEMEYER 24</p> <p>100 YD. BACK M E N 19-24</p> <p>51.35 JOHN KEPPELER 92</p> <p>51.22 JOHN KEPPELER 24NV</p> <p>52.04 JEFFREY RODDIN 23</p> <p>53.88 GARY Y YANG 23</p> <p>54.33 MARK TOWNSEND 24</p> <p>54.79 JIM CRAMPTON 22</p> <p>55.19 DAN DUMFORD 24</p> <p>55.22 MATT DAHL 23</p> <p>56.14 TONY FRANGELLO 24</p> <p>56.84 RICHARD DREWELOW 22</p> <p>56.87 SEAN LARSON 22</p> <p>200 YD. BACK M E N 19-24</p> <p>1:50.28 JOHN KEPPELER 92</p> <p>1:50.28 JOHN KEPPELER 24</p> <p>1:54.48 STEPHEN PETRIE 23</p> <p>2:00.13 KEVIN DESTRAMPE 19</p> <p>2:03.57 SEAN LARSON 22</p> <p>2:05.94 GREGORY N MACKEM 23</p> <p>2:06.60 JIM CRAMPTON 22</p> <p>2:07.86 TIM WATSON 22</p> <p>2:07.90 NEILL WILLIAMS 24</p> <p>2:09.00 CLAY STANTON 24</p> <p>2:09.37 MICHAEL B ASHMORE 20</p> <p>50 YD. BRST M E N 19-24</p> <p>27.01 NEILL WILLIAMS 92</p> <p>27.01 NEILL WILLIAMS 24</p> <p>27.02 ADAM WERTH 22</p> <p>27.44 KELLY BARNHILL JR 24</p> <p>27.69 JOSEPH RATCLIFF 24</p> <p>28.26 KEVIN HOPKINS 23</p> <p>28.53 THOR ANDERSON 24</p> <p>28.62 EVAN DAVIS 19</p> <p>29.48 BART DRYDEN 23</p> <p>29.67 JOHN M HARLOW 23</p> <p>29.67 GREGORY N MACKEM 23</p>	<p>29.67 COLIN ADAMS 23</p> <p>100 YD. BRST M E N 19-24</p> <p>58.69 NEILL WILLIAMS 92</p> <p>58.69 NEILL WILLIAMS 24</p> <p>1:00.41 LEE CARRY 24</p> <p>1:01.26 JOSEPH RATCLIFF 24</p> <p>1:01.61 KELLY BARNHILL JR 24</p> <p>1:02.20 WILLIAM RAGATZ 23</p> <p>1:02.62 JOHN M HARLOW 23</p> <p>1:02.75 C. TORELL 24</p> <p>1:02.94 KEVIN HOPKINS 23</p> <p>1:03.26 EVAN DAVIS 19</p> <p>1:03.50 JACOB D BAYLESS 19</p> <p>200 YD. BRST M E N 19-24</p> <p>2:11.59 DARREN PHELAN 88</p> <p>2:14.96 JOHN M HARLOW 23</p> <p>2:19.36 LEE CARRY 24</p> <p>2:19.98 NEILL WILLIAMS 24</p> <p>2:20.43 KEVIN HOPKINS 23</p> <p>2:21.60 RANDY MENORE 24</p> <p>2:23.61 JOSEPH RATCLIFF 24</p> <p>2:24.08 CHRIS WARNER 22</p> <p>2:25.96 JUDE GRIMLEY 22</p> <p>2:26.14 JOE WALTER 21</p> <p>2:26.93 DEAN ANDERSON 23</p> <p>50 YD. FLY M E N 19-24</p> <p>23.14 ADAM WERTH 92</p> <p>23.14 ADAM WERTH 22</p> <p>23.23 MARK S FIORITO 24</p> <p>23.32 JEFFREY RODDIN 23</p> <p>23.54 RUSSELL KNEIPP 23</p> <p>23.74 MATTHEW ROSSI 24</p> <p>23.78 CHUCK NIEMEYER 24</p> <p>23.80 BRADFORD AXEL 23</p> <p>23.92 GREGORY N MACKEM 23</p> <p>24.06 DAVID KAWUT 24</p> <p>24.39 JAMES SIEVE 24</p> <p>100 YD. FLY M E N 19-24</p> <p>50.58 JEFFREY RODDIN 92</p> <p>50.32 JOHN KEPPELER 24NV</p> <p>50.58 JEFFREY RODDIN 23</p> <p>51.19 GREGORY N MACKEM 23</p> <p>51.53 RUSSELL KNEIPP 23</p> <p>51.79 MARK S FIORITO 24</p> <p>51.88 BRADFORD AXEL 23</p> <p>52.23 CHUCK NIEMEYER 24</p> <p>52.36 NEILL WILLIAMS 24</p> <p>52.56 MATTHEW ROSSI 24</p> <p>52.96 MICHAEL GODSTED 24</p> <p>200 YD. FLY M E N 19-24</p> <p>1:53.38 CHRIS STEVENSON 89</p> <p>1:58.34 GREGORY N MACKEM 23</p> <p>1:59.31 JOHN M HARLOW 23</p> <p>2:01.12 MICHAEL GODSTED 24</p> <p>2:02.15 CHRIS CRAFT 24</p> <p>2:04.78 BRIAN ELLIS 24</p> <p>2:06.54 KEVIN HOPKINS 23</p> <p>2:07.91 GUY GENIN 23</p> <p>2:07.91 DAVID READ 23</p> <p>2:08.77 JAMES SIEVE 24</p> <p>2:09.78 JIMMY BYNUM 24</p> <p>100 YD. I.M. M E N 19-24</p> <p>52.01 ADAM WERTH 92</p> <p>52.01 ADAM WERTH 22</p> <p>52.85 NEILL WILLIAMS 24</p> <p>53.22 GREGORY N MACKEM 23</p> <p>53.93 BRIAN BENDA 21</p> <p>54.34 GARY Y YANG 23</p> <p>54.42 MATTHEW ROSSI 24</p> <p>55.58 KELLY BARNHILL JR 24</p> <p>55.81 JOHN M HARLOW 23</p> <p>55.91 JOSEPH RATCLIFF 24</p>	<p>55.98 DAN DUMFORD 24</p> <p>200 YD. I.M. M E N 19-24</p> <p>1:54.64 JEFFREY RODDIN 92</p> <p>1:54.64 JEFFREY RODDIN 23</p> <p>1:55.47 RICHARD DREWELOW 22</p> <p>1:57.89 NEILL WILLIAMS 24</p> <p>1:58.61 GREGORY N MACKEM 23</p> <p>1:59.11 JOHN M HARLOW 23</p> <p>2:00.76 GARY Y YANG 23</p> <p>2:03.95 ROL WILLIAMS 22</p> <p>2:04.18 DARREN J DUTTO 23</p> <p>2:04.88 KEVIN HOPKINS 23</p> <p>2:04.98 MATT ROSSI 23</p> <p>400 YD. I.M. M E N 19-24</p> <p>4:04.34 JOHN KEPPELER 92</p> <p>4:04.34 JOHN KEPPELER 24</p> <p>4:09.29 GREGORY N MACKEM 23</p> <p>4:10.76 JEFFREY RODDIN 23</p> <p>4:20.44 JOHN M HARLOW 23</p> <p>4:26.18 JIM CRAMPTON 22</p> <p>4:27.08 KEVIN HOPKINS 23</p> <p>4:34.15 BRIAN ELLIS 24</p> <p>4:34.15 TODD GERLACH 23</p> <p>4:35.82 WILLIAM RAGATZ 23</p> <p>4:36.94 MICHAEL B ASHMORE 20</p> <p>*****</p> <p>50 YD. FREE M E N 25-29</p> <p>19.83 ROBERT PEEL 91</p> <p>20.83 LOUIS DUDLEY 27</p> <p>21.09 MATT R JONES 26</p> <p>21.09 JOHN MATSON 26</p> <p>21.11 STEPAN OLIVA 25</p> <p>21.14 ROBERT KILLEEN 29</p> <p>21.40 ANDY GILL 25</p> <p>21.45 BERT BERGEN 25</p> <p>21.50 J. MORRISSETTE 29</p> <p>21.63 MICHAEL MCCOOL 29</p> <p>21.64 B.SATTERFIELD 26</p> <p>100 YD. FREE M E N 25-29</p> <p>44.39 ROBERT PEEL 91</p> <p>45.73 JOHN MATSON 26</p> <p>46.03 LOUIS DUDLEY 27</p> <p>46.56 B.SATTERFIELD 26</p> <p>46.88 MATT R JONES 26</p> <p>46.89 STEPAN OLIVA 25</p> <p>46.94 DICK DI LALLA 29</p> <p>47.14 BERT BERGEN 25</p> <p>47.52 DIRK MARSHALL 29</p> <p>47.61 TOM O MONTOYA 25</p> <p>47.67 BRUCE HAYES 29</p> <p>200 YD. FREE M E N 25-29</p> <p>1:40.16 KEITH SWITZER 88</p> <p>1:42.29 BRUCE HAYES 29</p> <p>1:42.70 CHRIS STEVENSON 27</p> <p>1:43.56 DAVE CADEMATORI 25</p> <p>1:43.98 DICK DI LALLA 29</p> <p>1:44.19 BERT BERGEN 25</p> <p>1:44.45 JOHN PEARSON 26</p> <p>1:44.58 SCOTT ROBINSON 27</p> <p>1:44.92 GEORGE EDELMAN 25</p> <p>1:44.98 ANDREW PULSIFER 26</p> <p>1:45.29 JOHN SMITH 29</p> <p>500 YD. FREE M E N 25-29</p> <p>4:32.71 KEITH SWITZER 88</p> <p>4:36.50 JOHN PEARSON 26</p> <p>4:39.02 CHRIS STEVENSON 27</p> <p>4:39.22 BRUCE HAYES 29</p> <p>4:40.95 BERT BERGEN 25</p> <p>4:43.30 GARR KERR 28</p> <p>4:45.64 STEVE FISHER 29</p> <p>4:46.41 AL JAEGER 29</p> <p>4:46.90 GEORGE EDELMAN 25</p>	<p>4:47.52 ROBERT HUDEK 29</p> <p>4:49.83 GERRY RODRIGUES 29</p> <p>1000 YD. FREE M E N 25-29</p> <p>9:33.93 PAUL ASMUTH 85</p> <p>9:45.26 JOHN PEARSON 26</p> <p>9:53.53 STEVE FISHER 29</p> <p>9:59.67 GERRY RODRIGUES 29</p> <p>10:00.88 AL JAEGER 29</p> <p>10:04.74 BRUCE HAYES 29</p> <p>10:08.20 JOE MADER 28</p> <p>10:12.14 GEORGE EDELMAN 25</p> <p>10:14.97 SCOTT ROBINSON 27</p> <p>10:18.56 SCOTT TOBIN 26</p> <p>10:20.53 GREG HOLLES 28</p> <p>1650 YD. FREE M E N 25-29</p> <p>15:46.91 BOBBY PATTEN 90</p> <p>16:01.92 JOHN PEARSON 26</p> <p>17:06.03 ROBERT HUDEK 29</p> <p>17:10.38 A.STILES 25</p> <p>17:13.03 AL JAEGER 29</p> <p>17:14.53 MICHAEL COLLINS 26</p> <p>17:15.17 GREG HOLLES 28</p> <p>17:45.78 PAUL EURE 26</p> <p>17:55.53 MATHEW J ROTH 25</p> <p>17:57.81 CHARLIE MATTHEWS 27</p> <p>17:58.13 SCOTT JOHNSON 29</p> <p>50 YD. BACK M E N 25-29</p> <p>23.23 MOOK RHODENBAUGH 91</p> <p>23.38 ANDY GILL 25</p> <p>24.59 MICHAEL CREASER 26</p> <p>24.65 CHARLES SIROKY 28</p> <p>24.69 JOHN MATSON 26</p> <p>24.76 CHRIS STEVENSON 27</p> <p>24.84 JAY YARID 29</p> <p>24.91 RANDALL HYRE 28</p> <p>24.92 BOB TUCKER 27</p> <p>25.00 ELIAS MALAMAS 25</p> <p>25.15 AL JAEGER 29</p> <p>100 YD. BACK M E N 25-29</p> <p>49.83 ANDREW GILL 92</p> <p>49.83 ANDY GILL 25</p> <p>51.25 ROBERT HAUCK 26</p> <p>51.40 CHRIS STEVENSON 27</p> <p>51.58 JAY YARID 29</p> <p>52.47 JOHN MATSON 26</p> <p>53.15 AL JAEGER 29</p> <p>53.47 MICHAEL CREASER 26</p> <p>53.69 BOB TUCKER 27</p> <p>53.85 RANDALL HYRE 28</p> <p>54.72 TOM NORTH CUTT JR 26</p> <p>200 YD. BACK M E N 25-29</p> <p>1:50.49 ROBERT HAUCK 91</p> <p>1:50.78 ROBERT HAUCK 26</p> <p>1:51.95 CHRIS STEVENSON 27</p> <p>1:52.21 ANDREW PULSIFER 26</p> <p>1:52.85 JAY YARID 29</p> <p>1:57.71 AL JAEGER 29</p> <p>1:57.95 BOB TUCKER 27</p> <p>1:58.24 MICHAEL CREASER 26</p> <p>2:01.56 NICK COLAROSSO 29</p> <p>2:01.97 KEVIN CASSON 25</p> <p>2:02.09 SCOTT TOBIN 26</p> <p>50 YD. BRST M E N 25-29</p> <p>25.34 GREG RHODENBAUGH 91</p> <p>26.57 PETER MCCLAFFERTY 29</p> <p>27.21 DEWEY WYATT 27</p> <p>27.23 BOB JENNINGS 26</p> <p>27.37 JOHN G MURPHY 28</p> <p>27.45 MICHAEL MCCOOL 29</p> <p>27.49 ERIC W LARSON 25</p> <p>27.67 DAVE CADEMATORI 25</p> <p>27.77 CHRIS CAVANAUGH 29</p>
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# TOP TEN

# SHORT COURSE YARDS

27.80 MICHAEL GIROD 29	54.76 BERT BERGEN 25	4:54.77 STEVE VELA 31	28.07 BRYANT LUM 30
27.97 TOM NORTHCUTT JR 26	55.06 B.BROCKSCHMIDT 25	4:56.91 PETER HOLLETT 32	28.11 DAVID GRAY 33
100 YD. BRST M E N 25-29	200 YD. I.M. M E N 25-29	4:57.78 L.MEISENHEIMER 34	28.15 JOE REINHARDT 30
56.21 DAVID LUNDBERG 90	1:52.55 CAMERON REID 88	1000 YD. FREE M E N 30-34	100 YD. BRST M E N 30-34
58.08 PETER MCCLAFFERTY 29	1:57.04 BRUCE HAYES 29	9:38.13 CAMERON REID 91	56.58 DAVID LUNDBERG 91
59.04 BOB JENNINGS 26	1:57.41 PETER MCCLAFFERTY 29	9:39.03 STEVEN FISHER 30	57.82 DAVID GUTHRIE 31
59.40 DEWEY WYATT 27	1:57.62 AL JAEGRS 29	10:00.46 CRIS WILLIAMS 31	59.32 BENN DOYLE 33
59.48 JOHN G MURPHY 28	1:58.87 BERT BERGEN 25	10:01.68 THOMAS SMITH 30	59.72 RUSSELL KRETZ 30
1:00.34 JUSTIN FARABEE 26	1:58.90 B.BROCKSCHMIDT 25	10:08.16 PAUL DONOHUE 31	1:00.97 HOLDEN BANK 32
1:00.43 HERB MCCAFFREY 28	1:58.92 BOB JENNINGS 26	10:21.62 PETER HOLLETT 32	1:01.51 DAVID GRAY 33
1:00.82 MICHAEL MCCOOL 29	1:59.16 DANIEL BEATTY 26	10:22.73 RON FINLEY 33	1:01.98 GREGORY OXLEY 33
1:00.85 TOM NORTHCUTT JR 26	1:59.82 JOHN PEARSON 26	10:26.27 JAMES DEMING 30	1:02.13 RONALD SCHAFFER 34
1:01.10 ERIC W LARSON 25	2:00.39 CHRIS CAVANAUGH 29	10:30.06 ANDREW SAPPEY 32	1:02.46 PHILIPPE CALAIS 33
1:01.10 SCOTT TOBIN 26	2:01.64 SCOTT ROBINSON 27	10:31.92 STEVE VELA 31	1:02.63 JACK EWING 31
200 YD. BRST M E N 25-29	400 YD. I.M. M E N 25-29	10:33.99 SCOTT SHAKE 33	1:02.74 CHRIS SAWYER 32
2:03.69 DOUGLAS SOLTIS 88	3:59.73 CAMERON REID 88	1650 YD. FREE M E N 30-34	200 YD. BRST M E N 30-34
2:10.68 BOB JENNINGS 26	4:09.72 JOHN PEARSON 26	16:06.55 JAMES KEGLEY 88	2:02.32 DAVID LUNDBERG 91
2:11.13 JUSTIN FARABEE 26	4:10.21 BRUCE HAYES 29	16:51.75 ROBERT C PLACAK 33	2:07.71 DAVID GUTHRIE 31
2:13.46 PETER MC CLAFFERTY 29	4:11.62 ANDREW PULSIFER 29	16:55.79 JEFF C STILING 31	2:13.11 BRIAN KELCA 31
2:14.71 JOHN PEARSON 26	4:12.44 AL JAEGRS 26	17:02.27 JAMES DEMING 33	2:14.90 RONALD SCHAFFER 34
2:14.85 SCOTT TOBIN 26	4:16.85 SCOTT TOBIN 26	17:17.60 THOMAS SMITH 30	2:15.51 HOLDEN BANK 32
2:15.47 HARDY LUSSIER 27	4:19.31 JUSTUS BREESE 27	17:26.46 L.MEISENHEIMER 34	2:16.13 DAVID GRAY 33
2:15.88 AL JAEGRS 29	4:19.64 GARR KERR 28	17:26.60 ANDREW ANTONETZ 34	2:17.22 BENN DOYLE 33
2:15.96 DEWEY WYATT 27	4:20.66 PATRICK DUGGAN 28	17:36.75 GREG SANCHEZ 34	2:17.40 PHILIPPE CALAIS 33
2:15.99 ERIC W LARSON 25	4:22.33 GERRY RODRIGUES 29	17:50.21 STEVE SCHMIDT 30	2:17.48 ALLEN LYDICK 34
2:16.14 F.CHARMFOROOSH 25	4:22.53 JUSTIN FARABEE 26	17:50.27 JAKE GULICK 33	2:17.72 ANDREW D BRENNAN 31
50 YD. FLY M E N 25-29	*****	18:01.42 JAMES E DEMING 33	2:18.79 JAMES MATYSEK 32
22.27 COY COBB 91	50 YD. FREE M E N 30-34	50 YD. BACK M E N 30-34	50 YD. FLY M E N 30-34
22.62 ANDY GILL 25	20.90 JOHN SMITH 92	23.39 CLAY BRITT 92	22.66 ROBERT PLACAK 89
22.64 MATT R JONES 26	20.90 JOHN SMITH 30	23.39 CLAY BRITT 31	22.88 CLAY BRITT 31
22.79 DIRK MARSHALL 29	20.95 CLAY BRITT 31	24.51 JOE REINHARDT 31	23.22 ROBERT KILLEEN JR 30
22.92 DAVE CADEMATORI 25	20.99 ROBERT KILLEEN JR 30	24.67 PETER DARDARIS 33	23.49 WILLIAM SPECHT 34
23.03 DICK DI LALLA 29	21.49 JOE REINHARDT 31	24.90 WILLIAM SPECHT 34	23.57 BRIAN KELCA 31
23.33 ROBERT HAUCK 26	21.54 MIKE HAYES 32	25.46 MA'TE' WIERDL 33	23.65 SEAN DOWD 31
23.51 ROBERT KILLEEN 29	21.72 BRYANT LUM 30	25.78 CHARLES GROEN 32	23.82 BRYANT LUM 30
23.62 CHUCK PONTIER 29	21.81 PAUL SMITH 32	25.87 KIRK L JENSEN 31	23.89 MICHAEL MAKARCZYK 32
23.72 MARTIN MORAN 25	21.88 THOMAS DAVIS 34	25.88 DAVID MALSURY 30	23.90 MIKE HAYES 32
23.74 BOB JENNINGS 26	21.89 JEFF FREY 30	25.92 BOB BURESH 33	23.92 JEFF FREY 30
100 YD. FLY M E N 25-29	21.95 KIRK KOZLOWSKI 34	25.96 TOM ROEMER 31	24.15 ROBERT GOLDBLOOM 32
49.71 STUART KNOWLES 91	100 YD. FREE M E N 30-34	100 YD. BACK M E N 30-34	100 YD. FLY M E N 30-34
49.74 DIRK MARSHALL 29	45.29 JIM MONTGOMERY 85	50.21 CLAY BRITT 92	49.84 WILLIAM SPECHT 89
50.39 ANDY GILL 25	45.99 JOHN SMITH 30	50.21 CLAY BRITT 31	50.64 CLAY BRITT 31
50.58 DICK DI LALLA 29	47.25 JOE REINHARDT 31	52.91 WILLIAM SPECHT 34	51.14 WILLIAM SPECHT 34
50.71 MATT R JONES 26	47.26 TOM VERDIN 30	53.23 JOE REINHARDT 31	51.48 BRIAN KELCA 31
50.73 CHRIS STEVENSON 27	47.37 ROBERT KILLEEN JR 30	53.34 PETER DARDARIS 33	52.28 STEVE VELA 31
51.03 MARTIN MORAN 25	47.68 MIKE HAYES 32	53.61 MA'TE' WIERDL 33	52.57 JAMES BELARDI 34
51.24 CHRIS CRAFT 25	48.00 WILL DOUGLAS 32	54.94 THOMAS DAVIS 34	52.81 TOM VERDIN 30
51.37 ROBERT KILLEEN 29	48.24 BRYANT LUM 30	55.34 KEN BRENTON 33	53.10 MATT WOOD 31
51.93 RANDALL HYRE 28	48.28 L.MEISENHEIMER 34	55.93 DOUG PORTELANCE 33	53.17 MICHAEL MAKARCZYK 32
52.12 ROBERT HAUCK 26	48.33 CHRIS HANCOCK 31	55.93 CHARLES GROEN 31	53.53 PAUL FRENTSOS 30
200 YD. FLY M E N 25-29	48.52 PAUL SMITH 32	56.20 JEFF HOLBROOK 33	53.61 SCOTT J MORGAN 30
1:49.21 BOBBY PATTEN 90	200 YD. FREE M E N 30-34	200 YD. BACK M E N 30-34	200 YD. FLY M E N 30-34
1:53.04 CHRIS STEVENSON 27	1:39.97 JIM MONTGOMERY 88	1:54.42 WILLIAM SPECHT 91	1:50.67 STEVEN GREGG 87
1:56.37 PETER EGAN 28	1:42.88 JOHN SMITH 30	1:56.40 JOE REINHARDT 31	1:56.25 THOMAS SMITH 30
1:56.52 AL JAEGRS 29	1:45.10 STEVEN FISHER 30	1:58.09 WILLIAM SPECHT 34	1:56.40 WILLIAM SPECHT 34
1:57.62 JUSTUS BREESE 27	1:45.61 TOM VERDIN 30	1:58.24 THOMAS DAVIS 34	1:57.32 STEVE VELA 31
1:58.22 IGOR VAZHENIN 28	1:46.45 THOMAS SMITH 30	1:59.57 PETER DARDARIS 33	1:58.23 BRIAN KELCA 31
1:59.46 MARTIN MORAN 25	1:46.61 ROBERT EBERWINE 31	2:00.66 CHARLES GROEN 32	2:00.06 MATT STEVENS 32
2:00.59 JOHN ANERALLA 29	1:46.65 CHRIS HANCOCK 31	2:01.12 DOUG PORTELANCE 33	2:00.51 MICHAEL MAKARCZYK 32
2:01.26 GERRY RODRIGUES 29	1:47.17 L.MEISENHEIMER 34	2:01.27 KEN BRENTON 33	2:01.57 PAUL FRENTSOS 30
2:01.42 BRIAN WELLS 28	1:47.97 CRIS WILLIAMS 31	2:01.34 WILL DOUGLAS 32	2:01.60 JIM TUCKER 31
2:01.51 ROBERT C HARRIS 29	1:48.30 DAN T KNIGHT 31	2:02.08 SCOTT SHAKE 33	2:01.76 STEVEN FISHER 30
100 YD. I.M. M E N 25-29	1:48.53 DAVID GROOTENHUIS 31	2:03.68 DAVID COTE 31	2:01.99 KERRY O'BRIEN 34
50.47 MOOK RHODENBAUGH 91	500 YD. FREE M E N 30-34	50 YD. BRST M E N 30-34	100 YD. I.M. M E N 30-34
52.54 DICK DI LALLA 29	4:39.38 STEVEN FISHER 92	25.88 DAVID LUNDBERG 91	50.98 DAVID LUNDBERG 91
53.70 PETER MCCLAFFERTY 29	4:39.38 STEVEN FISHER 30	26.67 DAVID GUTHRIE 31	52.21 JOHN SMITH 30
53.82 DIRK MARSHALL 29	4:48.80 ROBERT EBERWINE 31	26.96 RUSSELL KRETZ 30	53.19 CLAY BRITT 31
54.13 RANDALL HYRE 28	4:49.01 CRIS WILLIAMS 31	27.15 BENN DOYLE 33	53.69 TOM VERDIN 30
54.35 CHRIS CAVANAUGH 29	4:50.60 THOMAS SMITH 30	27.32 HOLDEN BANK 32	54.13 BRIAN KELCA 31
54.52 BOB JENNINGS 26	4:51.60 JEFF C STILING 31	27.63 SEAN DOWD 31	54.83 RUSSELL KRETZ 30
54.74 AL JAEGRS 29	4:53.71 PAUL DONOHUE 31	27.71 GREGORY OXLEY 33	55.13 HOLDEN BANK 32
54.75 DANIEL BEATTY 26	4:53.74 JAMES DEMING 33	28.06 DAVID MALSURY 30	55.31 STEVE VELA 31

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## SHORT COURSE YARDS

55.44 BRYANT LUM 30	5:00.19 MICHAEL MANN 37	28.42 JOHN P ROEMER 36	56.71 JOHN P ROEMER 36
55.53 PAUL FRENTSOS 30	5:00.98 MARK HAHN 35	28.55 MATTHEW KANZLER 35	56.80 JOHN EBUNA 35
55.96 DAVID MALSBURY 30	5:02.12 WILLIAM REEVES 39	28.62 GREGORY S SMITH 36	57.12 BILL VICKERY 38
200 YD. I.M. M E N 30-34	5:03.96 JAMES STEWART 35	28.90 BOB BRILL 37	57.42 WILLIAM YOUNGER 35
1:50.45 DAVID LUNDBERG 91	1000 YD. FREE M E N 35-39	100 YD. BRST M E N 35-39	200 YD. I.M. M E N 35-39
1:57.19 TOM VERDIN 30	10:05.99 JIM MCCONICA 89	59.07 MARK SCHUMAN 91	1:57.44 MIKE DREWS 91
1:59.49 THOMAS SMITH 30	10:13.37 MATTHEW CLARK 35	59.75 BRUCE HOWELL 35	1:58.84 MATTHEW CLARK 35
2:00.41 JOE REINHARDT 31	10:20.78 MICHAEL MANN 37	59.77 MARK SCHUMAN 36	1:59.66 MICHAEL DREWS 37
2:00.84 STEVE VELA 31	10:21.86 JAMES STEWART 35	1:01.00 MICHAEL DREWS 37	2:02.42 CLAY EVANS 38
2:01.51 PAUL FRENTSOS 30	10:31.59 MICHAEL MCGUIRE 37	1:01.31 JOHN P ROEMER 36	2:02.55 MARK SCHUMAN 36
2:03.16 DAVID GUTHRIE 31	10:33.40 HOWARD B COYE 37	1:01.75 DOUGLAS MALCOLM 35	2:04.27 MICHAEL MANN 37
4:23.66 PETER DARDARIS 33	10:34.85 LARRY WOOD 38	1:02.05 RUSSELL MARSH 36	2:04.38 JAMES DENSMORE JR 36
2:03.74 JEFF HOLBROOK 33	10:46.07 DON GILCHRIST 37	1:02.71 MATTHEW KANZLER 35	2:04.84 JOHN P ROEMER 36
2:03.80 HOLDEN BANK 32	10:46.10 DAVID VANDAM 36	1:02.95 KARL KAZMAIER 36	2:05.20 STUART E CORLISS 35
2:03.88 RICHARD FORRESTEL 34	10:48.83 JOHN BURTON 35	1:03.01 GREGORY S SMITH 36	2:05.30 CLARK HAMILTON 36
400 YD. I.M. M E N 30-34	10:50.50 PAUL WISE 36	1:03.83 ALLEN POUCHER 37	2:05.33 RICH DE SELM 35
4:00.04 TOM FRISTOE 91	1650 YD. FREE M E N 35-39	200 YD. BRST M E N 35-39	400 YD. I.M. M E N 35-39
4:18.16 DUANE GRASSSELL 34	16:21.14 HESS YNTEMA 91	2:10.41 MARK SCHUMAN 91	4:15.20 HESS YNTEMA 91
4:18.34 THOMAS SMITH 30	16:49.26 RICH DE SELM 35	2:12.77 MICHAEL DREWS 37	4:16.52 JAMES BELARDI 35
4:20.24 STEVE VELA 31	16:56.09 DAVID SHEPHERD 36	2:13.04 MARK SCHUMAN 36	4:20.96 DAVID SHEPHERD 36
4:21.19 PAUL FRENTSOS 30	17:20.74 ROB COPELAND 35	2:14.48 JOHN P ROEMER 36	4:22.35 MICHAEL DREWS 37
4:21.84 BRIAN KELCA 31	17:26.39 THOMAS BOYD 36	2:15.20 MATTHEW KANZLER 35	4:23.57 MARK SCHUMAN 36
4:21.92 PAUL DONOHUE 31	17:29.62 JAMES STEWART 35	2:19.92 PATRICK DIBIASE 36	4:24.74 JAMES DENSMORE JR 36
4:23.66 STEVEN FISHER 30	17:32.48 MARK HAHN 35	2:21.15 TOM REUDY 37	4:25.19 MICHAEL MANN 37
4:27.36 JEFF C STILING 31	17:44.67 TIM HARVEY 37	2:21.26 KARL KAZMAIER 36	4:26.97 CLAY EVANS 38
4:28.15 RICHARD FORRESTEL 34	17:51.24 ROBERT STRAUSS 39	2:21.29 TOM PALMGREN 38	4:27.40 RICH DE SELM 35
4:29.96 MARK TOMMERDAHL 33	18:07.73 JEFF STRNAD 39	2:21.49 MIKE PHILLIPS 35	4:28.96 ROB COPELAND 35
*****	18:25.43 CHRISTOPHER NOLTE 35	2:21.62 MIKE HEINEN 36	4:29.85 WILLIAM REEVES 39
50 YD. FREE M E N 35-39	50 YD. BACK M E N 35-39	50 YD. FLY M E N 35-39	*****
21.19 STU MARVIN 91	24.21 CRAIG SCHWARTZ 90	23.25 RICHARD HESS 91	50 YD. FREE M E N 40-44
21.56 CHARLES NORELLI 37	25.59 STU MARVIN 36	23.68 CHARLES NORELLI 37	21.72 TOM WHATLEY 92
21.80 RICHARD HESS 37	25.61 CLAY EVANS 38	23.81 RICHARD HESS 37	21.72 TOM WHATLEY 40
22.03 STU MARVIN 36	25.95 WILLIAM YOUNGER 35	23.84 MARK SCHUMAN 36	22.55 PETER MUNGER 40
22.08 BILL VICKERY 38	26.08 PAUL WINDRATH 37	23.93 BRUCE HOWELL 35	22.65 LAWRENCE SHULMAN 42
22.08 DAVID HAGUE 38	26.15 DUNCAN PYLE 35	23.94 JAMES BELARDI 35	22.65 ANDREW MC PHERSON 44
22.08 JOHN EBUNA 35	26.22 LANCE GORDON 35	24.23 TOM YOUNGER 35	22.69 JERRY HEIDENREICH 42
22.10 JOSE CUNNINGHAM 35	26.25 MALCOLM COOPER 35	24.23 SANDY MAC DONALD 36	22.87 ROBERT BIRNBRAUER 42
22.11 JOE KERNAN 37	26.71 VINCENT D MORALES 35	24.31 DAVID HAGUE 38	22.90 TOM PEEK 44
22.12 JACK GROSELLE 37	26.74 JACK CONNELLY 36	24.60 KERRY O'BRIEN 35	22.94 KURT GERHARDT 41
22.24 BRYAN AUSTIN 36	26.76 MARK WORTHEN 37	24.61 WILL ARTLEY 36	22.96 TIMOTHY BRODERICK 41
100 YD. FREE M E N 35-39	100 YD. BACK M E N 35-39	100 YD. FLY M E N 35-39	22.96 JIM HARTYE 40
46.43 STU MARVIN 91	52.43 CRAIG SCHWARTZ 90	51.49 JAMES BELARDI 92	100 YD. FREE M E N 40-44
47.39 STU MARVIN 36	55.07 CLAY EVANS 38	51.49 JAMES BELARDI 35	48.54 ANDREW MCPHERSON 91
47.52 CHARLES NORELLI 37	56.43 DUNCAN PYLE 35	52.09 RICHARD HESS 37	48.99 TOM WHATLEY 40
47.96 MATTHEW CLARK 35	56.52 STU MARVIN 36	52.32 CHARLES NORELLI 37	49.93 C.MILTENBERGER 40
48.35 DOUGLAS SCHLAK 35	56.89 PAUL WINDRATH 38	52.46 MARK SCHUMAN 36	50.19 ROBERT BIRNBRAUER 42
48.94 BILL VICKERY 38	57.28 ROBERT CROWDER 36	53.00 KERRY O'BRIEN 35	50.22 ANDREW MC PHERSON 44
48.96 THOMAS BOYD 36	57.42 DAVID O BURLERSON 35	54.23 SANDY MAC DONALD 36	50.39 JIM HARTYE 40
48.97 JOHN EBUNA 35	57.66 CHIP BRADLEY 38	54.30 DAVID HAGUE 38	50.62 JERRY HEIDENREICH 42
49.08 JOE KERNAN 37	57.74 ANDREW MAGGION 36	54.61 REED FARRIS 37	50.71 HOMER LANE 42
49.14 BRYAN AUSTIN 36	57.76 BRUCE MALLETT 39	54.78 THOMAS BOYD 36	50.71 TIMOTHY BRODERICK 41
49.31 JACK GROSELLE 37	57.92 DAVID VANDAM 36	55.25 MICHAEL HEATHER 38	51.17 PETER BRUNSON 40
200 YD. FREE M E N 35-39	200 YD. BACK M E N 35-39	200 YD. FLY M E N 35-39	51.23 KURT GERHARDT 41
1:42.78 JAMES MONTGOMERY 90	1:57.05 TOM WOLF 90	1:53.52 JAMES BELARDI 92	200 YD. FREE M E N 40-44
1:45.73 STU MARVIN 36	2:03.02 CLAY EVANS 38	1:53.52 JAMES BELARDI 35	1:47.90 PETER O'KEEFFE 91
1:45.79 DOUGLAS SCHLAK 35	2:03.23 DUNCAN PYLE 35	1:57.21 KERRY O'BRIEN 35	1:50.61 TIMOTHY BRODERICK 41
1:46.14 DAVID SHEPHERD 36	2:03.47 DAVID O BURLERSON 35	1:58.44 JAMES DENSMORE JR 36	1:51.08 KEVIN POLANSKY 41
1:47.57 MATTHEW CLARK 35	2:04.43 JAMES DENSMORE JR 36	1:59.50 DAVID SHEPHERD 36	1:52.40 BILL BEHUN 40
1:48.79 THOMAS BOYD 36	2:04.68 ROBERT CROWDER 36	2:00.77 DAVID VANDAM 36	1:53.13 DAVID TANAGLIA 40
1:50.03 JAMES DENSMORE JR 36	2:04.82 PAUL WINDRATH 38	2:03.09 MARK SCHUMAN 36	1:53.29 JEFFREY HELMS 42
1:50.10 MICHAEL MANN 37	2:05.23 VINCENT D MORALES 35	2:03.10 PAUL WISE 36	1:53.70 RICK A KLATT 40
1:50.19 ROBERT CROWDER 36	2:05.38 CHIP BRADLEY 38	2:03.47 MATTHEW KANZLER 35	1:53.86 ANDREW MC PHERSON 44
1:50.42 BRYAN AUSTIN 36	2:05.89 KENT P FORD 38	2:03.82 CLARK HAMILTON 36	1:54.34 PETER BRUNSON 40
1:50.58 RICH DE SELM 35	2:06.31 ANDREW MAGGION 36	2:04.04 WILLIAM REEVES 39	1:54.38 JIM HARTYE 40
500 YD. FREE M E N 35-39	50 YD. BRST M E N 35-39	100 YD. I.M. M E N 35-39	1:55.09 TODD BRYAN 41
4:41.53 HESS YNTEMA 91	26.63 BRUCE HOWELL 92	54.11 MARK SCHUMAN 91	500 YD. FREE M E N 40-44
4:51.13 MATTHEW CLARK 35	26.63 BRUCE HOWELL 35	54.42 MATTHEW CLARK 35	4:50.80 DAVID GRAY 87
4:51.21 DAVID SHEPHERD 36	27.50 DOUGLAS MALCOLM 35	54.56 RICHARD HESS 37	4:57.35 KEVIN POLANSKY 41
4:56.39 SANDY MAC DONALD 36	27.74 MARK SCHUMAN 36	54.66 MARK SCHUMAN 36	5:00.22 TIMOTHY BRODERICK 41
4:56.69 RICH DE SELM 35	27.83 MICHAEL DREWS 37	55.26 MICHAEL DREWS 37	5:01.56 TODD BRYAN 41
4:59.99 ROB COPELAND 35	27.98 RUSSELL MARSH 36	56.17 STU MARVIN 36	5:04.70 DAVID TANAGLIA 40
5:00.10 THOMAS BOYD 36	28.39 KARL KAZMAIER 36	56.59 CLAY EVANS 38	5:08.00 BILL BEHUN 40

# TOP TEN

## SHORT COURSE YARDS

5:09.43 PETER HUISVELD	40	29.49 WILLIAM BALCHUNAS	41	58.52 ARTHUR HALTTUNEN	41	5:08.87 JOHN CALVERT	46
5:09.91 ANDREW MC PHERSON	44	29.74 DAVID FRISCH	43	58.67 LEE MACDONALD	40	5:12.39 DAVID J GRAY	46
5:16.17 HOMER LANE	42	29.77 DANIEL ROGACKI	44	59.24 BRUCE HAFFNER	41	5:14.58 BOB ASQUITH	45
5:16.49 TOM EICHE	41	29.79 EDWARD KENEHAN	41	59.25 TIMOTHY BRODERICK	41	5:15.27 JOHN FLANAGAN	46
5:16.69 EDWARD CROSSMORE	44	29.96 EDWIN PYLE III	42	59.28 DAN ROGACKI	44	5:16.62 TIM BIRNIE	45
1000 YD. FREE M E N 40-44		29.96 LEE MACDONALD	40	59.76 WILLIAM BALCHUNAS	41	5:21.91 SANDY GALLETTY	49
10:17.35 KEVIN POLANSKY	92	100 YD. BRST M E N 40-44		59.78 CLIFFORD JOHNSON	40	5:22.51 RICHARD BOYD	48
10:17.35 KEVIN POLANSKY	41	1:00.10 C. MILTENBERGER	92	200 YD. I.M. M E N 40-44		5:22.74 JOHN LAWRENCE	45
10:27.39 TODD BRYAN	41	1:00.10 C. MILTENBERGER	40	2:03.31 PETER O'KEEFE	91	1000 YD. FREE M E N 45-49	
10:35.90 DAVID TANAGLIA	40	1:01.48 RICK COLELLA	40	2:05.41 TOM WHATLEY	40	10:46.40 JOHN FLANAGAN	91
10:38.89 PETER HUISVELD	40	1:01.64 DAVID TANAGLIA	40	2:06.38 RICK COLELLA	40	10:51.87 JOHN FLANAGAN	46
10:40.12 TIMOTHY BRODERICK	41	1:03.11 ARTHUR HALTTUNEN	41	2:06.89 LEE MACDONALD	40	11:03.70 BOB ASQUITH	45
10:48.33 EDWARD CROSSMORE	44	1:03.32 PEDER DAHLBERG	42	2:09.56 KEVIN POLANSKY	41	11:09.84 JOHN LAWRENCE	45
10:52.31 BILL BEHUN	40	1:03.90 GREGORY HARRISON	40	2:09.61 TIMOTHY BRODERICK	41	11:23.51 RICHARD D BOYD	48
10:54.76 JEFFREY HELMS	42	1:05.27 LEE MACDONALD	40	2:10.23 DAVID TANAGLIA	40	11:26.45 JIM MANCHESTER	45
11:00.55 STEVE M JOHNSON	44	1:05.50 JIM CAPERS	40	2:10.36 EDWIN PYLE III	42	11:31.84 JOHN LANE	46
11:11.59 STEVEN L DURAPAU	42	1:05.58 RONALD A MARCIKIC	42	2:10.88 ANDREW MC PHERSON	44	11:39.52 MIKE GARIBALDI	46
1650 YD. FREE M E N 40-44		1:06.38 DAVID FRISCH	43	2:11.36 MICHAEL EDDY	40	12:02.13 PATRICK HOWE	45
17:02.40 KEVIN POLANSKY	90	200 YD. BRST M E N 40-44		2:11.84 CHUCK FISCHER	40	12:04.18 DENNIS MEYRING	46
17:16.93 TODD BRYAN	41	2:12.85 RICK COLELLA	92	400 YD. I.M. M E N 40-44		12:05.04 JOHN ZIEGENHAGEN	45
17:49.82 PETER HUISVELD	40	2:12.85 RICK COLELLA	40	4:28.41 JOHN CALVERT	88	1650 YD. FREE M E N 45-49	
18:24.64 ANDREW MC PHERSON	44	2:15.88 GREGORY HARRISON	40	4:35.15 KEVIN POLANSKY	41	17:59.11 WILLIAM STEUART	83
18:34.68 PATRICK DIXON	43	2:18.51 ARTHUR HALTTUNEN	41	4:36.29 DAVID TANAGLIA	40	18:11.67 JOHN FLANAGAN	45
18:37.83 BRUCE FISHER	43	2:19.01 LEE MACDONALD	40	4:41.22 EDWIN PYLE III	42	18:17.83 BOB ASQUITH	45
18:43.37 FRANK THOMPSON	40	2:22.85 PEDER DAHLBERG	42	4:41.73 CLIFFORD JOHNSON	40	18:18.54 ANDREW MC PHERSON	45
18:44.22 JORGE GONZALEZ	43	2:24.18 PETER WISNER	44	4:44.82 MICHAEL EDDY	40	18:20.89 JOHN LAWRENCE	46
18:53.93 TERRY LAUGHLIN	41	2:24.40 EDWIN PYLE III	42	4:46.80 JOHN RADIMER	42	18:23.44 DAVID J GRAY	45
18:55.67 STEVEN L DURAPAU	42	2:24.73 MICHAEL EDDY	40	4:47.09 PETER HUISVELD	40	18:24.89 TIM BIRNIE	45
19:05.42 BILL DARBY	44	2:26.58 JIM CAPERS	40	4:47.80 BRUCE FISHER	43	18:30.22 SANDY GALLETTY	49
50 YD. BACK M E N 40-44		2:27.18 MIKE T DIRKSEN	42	4:48.92 ROBERT F GIRVIN	42	18:31.63 RICHARD BOYD	48
25.61 JERRY HEIDENREICH	91	50 YD. FLY M E N 40-44		4:49.64 GEORGE WENDT	44	19:06.01 PATRICK HOWE	45
26.29 RICHARD BOBER	41	23.63 DAN THOMPSON	91	*****		19:09.93 JACK GEOGHEGAN	49
26.34 JERRY HEIDENREICH	42	24.19 PETER MUNGER	40	50 YD. FREE M E N 45-49		50 YD. BACK M E N 45-49	
26.54 GARY HAFER	41	24.51 JERRY HEIDENREICH	42	21.87 RICHARD ABRAHAMS	90	25.65 ROBERT SMITH	88
26.56 JOHN MATTOS	43	24.78 EDDIE ECHOLS	40	22.04 ANDREW MCPHERSON	45	26.57 DAN THOMPSON	45
26.69 ANDREW TODD	40	24.90 STEPHEN BOSTER	41	22.69 RICHARD ABRAHAMS	47	26.58 ROBERT S SMITH	48
26.93 HUGH WILDER	44	25.04 KURT GERHARDT	41	22.97 DAN THOMPSON	45	27.25 JOHN PHILLIPS	45
26.95 GEORGE MORAN	40	25.15 ANDREW MC PHERSON	44	23.31 ROBERT S SMITH	48	27.58 TIM BIRNIE	45
27.33 WILLIAM TINGLEY	40	25.41 RUDY VAZMINA	41	23.56 PAUL MCCORMICK	45	27.62 GARY DILLEY	47
27.38 TIMOTHY HUESKEN	40	25.43 ARTHUR HALTTUNEN	41	23.59 THOMAS MEEHAN	45	27.69 RICHARD BURNS	48
27.39 R.KOLONKOWSKI	44	25.45 BRAD V PENCE	40	23.62 JOHN MAGUIRE	45	28.12 PAUL HENNE	45
100 YD. BACK M E N 40-44		25.46 TOM PEEK	44	23.74 M.FITZMAURICE	46	28.38 THOMAS MEEHAN	45
54.15 PETER O'KEEFE	91	25.46 LARRY WRIGHT	43	23.88 MICHAEL SLENKER	45	28.59 JON D STOUT	45
57.17 RICHARD BOBER	41	100 YD. FLY M E N 40-44		23.91 HARRY GREENFIELD	46	28.74 JOHN CALVERT	46
57.67 GARY HAFER	41	53.91 PETER O'KEEFE	91	100 YD. FREE M E N 45-49		28.74 HAMILTON GADD	45
58.23 CHUCK WOLFF	40	55.53 ROBERT BIRNBRAUER	42	48.13 ANDREW MCPHERSON	92	100 YD. BACK M E N 45-49	
58.44 HUGH WILDER	44	55.79 JERRY HEIDENREICH	42	48.13 ANDREW MCPHERSON	45	56.14 ROBERT SMITH	88
59.00 CLIFFORD JOHNSON	40	55.99 STEPHEN BOSTER	41	51.27 RICHARD ABRAHAMS	47	58.44 GARY DILLEY	47
59.04 JERRY HEIDENREICH	42	56.13 JOHN MCCALL	40	51.58 THOMAS MEEHAN	45	58.78 JOHN CALVERT	46
59.07 GEORGE MORAN	40	56.50 JIM HARTYE	40	51.71 M.FITZMAURICE	46	59.09 RICHARD BURNS	48
59.15 TIM J HUESKEN	40	56.56 ALAN BELL	42	52.11 DOUGLAS BUCHAN	48	59.43 ROBERT S SMITH	48
59.35 KURT MOEHLMANN	40	56.91 RUDY VAZMINA	41	52.23 TIM GARTON	49	59.44 JOHN PHILLIPS	45
59.57 WILLIAM TINGLEY	40	56.99 DENNIS R NUGENT	43	52.56 HARRY GREENFIELD	46	1:00.65 PHIL WHITTEN	48
200 YD. BACK M E N 40-44		57.36 KURT GERHARDT	41	52.56 PAUL MCCORMICK	45	1:01.57 BOB ASQUITH	45
2:01.54 PETER O'KEEFE	91	57.38 CLIFFORD JOHNSON	40	52.68 JACK GEOGHEGAN	49	1:02.04 HAMILTON GADD	45
2:05.21 RICHARD BOBER	41	200 YD. FLY M E N 40-44		52.84 RICHARD BAUSCHARD	47	1:02.49 KERRY O'HARA	46
2:08.83 TIMOTHY J HUESKEN	40	2:02.09 BOO GALLAS	90	500 YD. FREE M E N 45-49		1:02.76 THOMAS MEEHAN	45
2:08.90 TOM EICHE	41	2:03.12 RICK COLELLA	40	1:49.27 ANDREW MCPHERSON	92	200 YD. BACK M E N 45-49	
2:09.38 EDWIN PYLE III	42	2:07.19 ALAN BELL	42	1:49.27 ANDREW MCPHERSON	45	2:05.50 JOHN CALVERT	92
2:10.15 CLIFFORD JOHNSON	40	2:08.01 BOO GALLAS	44	1:55.37 TIM GARTON	49	2:05.50 JOHN CALVERT	46
2:11.05 KURT MOEHLMANN	40	2:08.86 THOMAS GEST	40	1:56.74 ROBERT R MOMSEN	45	2:11.13 TIM BIRNIE	45
2:11.12 HUGH WILDER	44	2:10.83 STEPHEN BOSTER	41	1:56.77 PAUL MCCORMICK	45	2:11.68 BOB ASQUITH	45
2:11.66 GARY HAFER	41	2:11.55 JIM HARTYE	40	1:57.06 HARRY GREENFIELD	46	2:11.78 JOHN PHILLIPS	45
2:11.78 FRANK THOMPSON	40	2:11.60 ARTHUR DEFFAA	43	1:57.58 TIM BIRNIE	45	2:12.11 RICHARD BURNS	48
2:12.32 CHUCK WOLFF	40	2:11.73 TOM EICHE	41	1:58.13 JOHN FLANAGAN	45	2:15.66 JOHN LAWRENCE	46
50 YD. BRST M E N 40-44		2:12.12 DAVE TANNER	42	1:58.14 JOHN CALVERT	46	2:16.25 JAMES BEGLINGER	45
27.45 C. MILTENBERGER	92	2:12.38 BRUCE FISHER	43	1:58.48 JOHN LINDLEY	45	2:17.72 EDWARD G CAZALET	49
27.45 C.MILTENBERGER	40	100 YD. I.M. M E N 40-44		1:58.75 RICHARD BAUSCHARD	47	2:17.96 GARY DILLEY	47
28.16 PEDER DAHLBERG	42	55.59 TOM WHATLEY	92	500 YD. FREE M E N 45-49		2:18.26 KERRY O'HARA	46
28.22 RICK COLELLA	40	55.59 TOM WHATLEY	40	5:03.69 BOB MOMSEN	92	50 YD. BRST M E N 45-49	
28.62 ARTHUR HALTTUNEN	41	56.34 C.MILTENBERGER	40	5:03.69 ROBERT R MOMSEN	45	28.32 RICHARD NESBIT	91
29.00 RONALD A MARCIKIC	42	58.43 RICK COLELLA	40	5:06.90 ANDREW MCPHERSON	45	28.49 PAUL HENNE	45



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## SHORT COURSE YARDS

29.36 ROBERT STRAND 46	56.74 DAN THOMPSON 45	5:24.45 JACK GEOGHEGAN 50	30.54 DRURY GALLAGHER 53
29.49 DAN THOMPSON 45	58.97 ROBERT STRAND 46	5:25.97 HUGH O WINN 50	30.81 PETER FOGARASSY 52
29.88 BRUCE FOWLER 48	59.08 ROBERT S SMITH 48	5:31.90 JAMES CRANE 50	31.78 MICHAEL LAUX 50
30.10 CHRIS OSTROM 46	59.27 TIM GARTON 49	5:32.23 DAVID HARRISON 54	32.23 BILL MULLIKEN 52
30.24 PETER OROSZLAN 48	59.49 JOHN PHILLIPS 45	5:33.21 GAYLORD HOPKINS 50	32.60 JOHN STOVER 51
30.42 M.FITZMAURICE 46	59.80 M.FITZMAURICE 46	5:37.92 HARRY GROGAN 50	32.68 JACK MCCOY 51
30.71 ROBERT S SMITH 48	1:00.87 PAUL HENNE 45	5:39.52 HENRY SOUTHALL 52	33.34 LOUIS DIAMOND 52
30.75 SCOTT GUTHRIE 47	1:01.37 CHRIS OSTROM 46	5:39.70 RONALD MOLNAR 50	33.35 PETER JACKSON 52
30.79 G. PAUL MENYHARTH 45	1:01.62 BRUCE MOHL 45	5:42.07 STEVEN THRASHER 50	33.38 BEN FRANKLIN 50
100 YD. BRST M E N 45-49	200 YD. I.M. M E N 45-49	5:51.58 BOB COALE 52	33.44 JOHN FELDER 51
1:02.48 MARTIN HULL 89	2:03.82 ANDREW MCPHERSON 92	1000 YD. FREE M E N 50-54	100 YD. BRST M E N 50-54
1:03.93 ROBERT STRAND 46	2:03.82 ANDREW MCPHERSON 45	11:00.03 EDWARD HINSHAW 87	1:05.29 MANUEL SANGUILY 84
1:04.69 PAUL HENNE 45	2:07.83 JOHN CALVERT 46	11:16.30 JAMES CRANE 50	1:08.02 DRURY GALLAGHER 53
1:07.59 BRUCE FOWLER 48	2:11.60 ROBERT R MOMSEN 45	11:24.36 HUGH O WINN 50	1:11.37 JOHN STOVER 51
1:07.96 G. PAUL MENYHARTH 45	2:12.05 ROBERT STRAND 46	11:25.63 JACK GEOGHEGAN 50	1:11.43 PETER FOGARASSY 52
1:08.07 CHRIS OSTROM 46	2:12.76 BOB ASQUITH 45	11:48.20 STEVEN THRASHER 50	1:11.46 MICHAEL LAUX 50
1:08.34 TIM MILLER 46	2:13.72 RICHARD BAUSCHARD 47	11:55.72 ALLAN CARTWRIGHT 50	1:12.51 JACK MCCOY 51
1:08.37 PETER OROSZLAN 48	2:15.22 RICHARD BOYD 48	12:00.77 HENRY SOUTHALL 52	1:13.85 JOHN FELDER 51
1:08.57 GARY PARLAPIANO 45	2:15.47 BRUCE MOHL 45	12:08.65 GAYLORD HOPKINS 50	1:14.33 PETER JACKSON 52
1:08.58 WILLIAM MOYER 46	2:17.33 SANDY GALLETTY 49	12:23.12 RONALD MOLNAR 50	1:14.42 JACK GEOGHEGAN 50
1:08.89 ROBERT S SMITH 48	2:17.57 JAMES BEGLINGER 45	12:23.36 ERNIE LESKOVITZ 54	1:14.52 ERIC BENNETT 52
200 YD. BRST M E N 45-49	400 YD. I.M. M E N 45-49	12:27.60 MICHAEL LAUX 50	1:14.82 KURT SMRCINA 53
2:18.68 ROBERT STRAND 91	4:31.40 TIMOTHY GARTON 88	1650 YD. FREE M E N 50-54	200 YD. BRST M E N 50-54
2:20.10 ROBERT STRAND 46	4:34.00 JOHN CALVERT 46	18:53.29 BURWELL JONES 85	2:28.78 DRURY GALLAGHER 89
2:25.46 PAUL HENNE 45	4:44.42 BOB ASQUITH 45	18:59.73 JACK GEOGHEGAN 50	2:29.10 DRURY GALLAGHER 53
2:29.21 RICHARD BOYD 48	4:46.82 JOHN FLANAGAN 45	19:06.38 HUGH O WINN 50	2:36.51 RONALD MOLNAR 50
2:29.58 GARY PARLAPIANO 45	4:48.06 RICHARD BOYD 48	19:26.64 DAVID HARRISON 54	2:36.85 MICHAEL LAUX 50
2:30.32 ROBERT R MOMSEN 45	4:50.11 SANDY GALLETTY 49	19:45.24 GAYLORD HOPKINS 50	2:42.97 ALLAN CARTWRIGHT 50
2:30.91 NORBERT OLZMANN 48	4:56.66 ROBERT STRAND 46	19:52.32 STEVEN THRASHER 50	2:43.71 BILL MULLIKEN 52
2:31.27 WILLIAM MOYER 46	4:58.18 RICHARD BAUSCHARD 47	20:38.04 JOSEPH WALKER 50	2:47.00 PAUL HO 52
2:31.62 TIM MILLER 46	4:59.24 JACK GEOGHEGAN 49	21:14.56 MICHAEL MEALIFFE 51	2:48.84 JOHN FELDER 51
2:32.49 STEVE BARDEN 46	4:59.72 JAMES M BEGLINGER 45	21:15.02 BOB BOURASSA 50	2:50.08 PETER JACKSON 52
2:32.88 TED SNOW 45	5:01.99 DOUG HELLERSON 46	21:28.03 ROBERT TESCH SR. 51	2:50.30 HUGH O WINN 50
50 YD. FLY M E N 45-49	*****	21:42.32 KENT M PRICE 53	2:51.74 CHARLES KILBOURNE 52
24.24 MARTIN HULL 89	50 YD. FREE M E N 50-54	50 YD. BACK M E N 50-54	50 YD. FLY M E N 50-54
24.29 DAN THOMPSON 45	22.93 DONALD HILL 83	27.32 JOHN SMITH 91	25.50 MICHAEL MEALIFFE 91
25.32 RICHARD ABRAHAMS 47	23.54 JACK GEOGHEGAN 50	27.80 JACK GEOGHEGAN 50	26.02 MICHAEL MEALIFFE 51
25.37 M.FITZMAURICE 46	24.25 BOB LIEB 51	27.86 JOHN SMITH 54	26.17 DAVID EMERY 50
25.49 DOUGLAS BUCHAN 48	24.47 THOMAS OLANDER 50	29.30 RICHARD A BASSI 50	26.44 RICHARD A BASSI 51
25.62 JOHN PHILLIPS 45	24.49 JOHN SMITH 54	30.14 JON HEIMANN 50	26.64 JACK GEOGHEGAN 50
25.77 THOMAS MEEHAN 45	24.50 JOHN FULOP 51	30.25 MICHAEL MEALIFFE 51	27.00 JOHN FULOP 51
25.88 ROBERT S SMITH 48	24.66 TOM ANGELL 51	30.64 BOB ROUNDS 50	27.05 JOHN SMITH 54
25.96 MICHAEL SLENKER 45	24.85 RICHARD BASSI 50	30.96 JOHN FULOP 51	27.08 ROY HALL 50
26.02 HARRY GREENFIELD 46	24.97 JERRY KATZ 53	31.41 LEE BETTIS 54	27.27 BERT L PETERSEN 53
26.12 CHRIS OSTROM 46	25.00 ROY HALL 50	31.44 JAMES F SHAW 51	27.60 JOSEPH LAMMERT 52
100 YD. FLY M E N 45-49	25.06 CHARLES BECHTEL 54	31.57 CARL CHRISTENSEN 54	27.61 THOMAS OLANDER 50
54.27 MARTIN HULL 89	100 YD. FREE M E N 50-54	100 YD. BACK M E N 50-54	100 YD. FLY M E N 50-54
55.76 RICHARD ABRAHAMS 47	51.86 JACK GEOGHEGAN 92	1:00.88 JOHN SMITH 91	58.39 ROBERT PROEBSTING88
58.21 THOMAS MEEHAN 45	51.86 JACK GEOGHEGAN 50	1:01.61 JACK GEOGHEGAN 50	59.48 JACK GEOGHEGAN 50
58.22 JOHN PHILLIPS 45	55.26 RICHARD A BASSI 51	1:01.80 JOHN SMITH 54	59.56 DAVID EMERY 50
58.53 AVRAHAM MELAMED 47	55.30 TOM ANGELL 51	1:04.57 STEVEN THRASHER 50	1:00.90 MICHAEL LAUX 50
58.55 JOHN LAWRENCE 46	55.47 GAYLORD HOPKINS 50	1:04.59 RICHARD BASSI 50	1:01.58 MICHAEL MEALIFFE 51
58.66 JOHN FLANAGAN 45	55.48 HENRY SOUTHALL 52	1:06.77 JON HEIMANN 50	1:02.86 BERT L PETERSEN 53
58.85 HARRY GREENFIELD 46	55.62 BOB LIEB 51	1:06.83 HUGH RODDIN 50	1:03.06 ALLAN CARTWRIGHT 50
59.26 DOUGLAS BUCHAN 48	55.73 JAMES CRANE 50	1:07.15 MICHAEL MEALIFFE 51	1:03.16 JOHN FULOP 51
59.72 MICHAEL SLENKER 45	56.09 ROY HALL 50	1:07.59 ALLAN CARTWRIGHT 50	1:03.82 HUGH RODDIN 50
59.81 JOHN CALVERT 46	56.67 PAT WILSON 50	1:07.61 ARTHUR SMITH III 52	1:04.18 WILLIAM BISHOP 51
200 YD. FLY M E N 45-49	56.96 KENNETH MILLER 54	1:07.71 LEE BETTIS 54	1:04.23 ERNIE LESKOVITZ 54
2:04.32 AVRAHAM MELAMED 91	200 YD. FREE M E N 50-54	200 YD. BACK M E N 50-54	200 YD. FLY M E N 50-54
2:09.54 JOHN FLANAGAN 46	1:55.33 JACK GEOGHEGAN 92	2:14.38 LANCE LARSON 91	2:13.71 JACK GEOGHEGAN 92
2:16.17 HARRY GREENFIELD 46	1:55.33 JACK GEOGHEGAN 50	2:18.36 STEVEN THRASHER 50	2:13.71 JACK GEOGHEGAN 50
2:18.15 JACK GEOGHEGAN 49	2:01.59 JAMES CRANE 50	2:24.09 RICHARD A BASSI 51	2:24.17 MICHAEL LAUX 50
2:18.90 SANDY GALLETTY 49	2:03.09 HENRY SOUTHALL 52	2:25.53 JACK GEOGHEGAN 50	2:29.01 HUGH RODDIN 50
2:21.53 ALLAN CARTWRIGHT 49	2:04.89 DRURY GALLAGHER 53	2:25.62 HUGH RODDIN 50	2:29.02 DRURY GALLAGHER 53
2:23.48 JOHN ZIEGENHAGEN 45	2:04.99 DAVID HARRISON 54	2:27.12 LEE BETTIS 54	2:34.62 MEL GOLDSTEIN 53
2:23.49 BOB ASQUITH 45	2:05.73 HUGH O WINN 50	2:27.41 JON HEIMANN 50	2:35.67 BILL MULLIKEN 52
2:23.93 JAMES GREEN 47	2:07.40 PAT WILSON 50	2:27.47 ALLAN CARTWRIGHT 50	2:36.20 ROBERT TESCH 51
2:28.31 GERRY DELONG 48	2:07.54 BILL MULLIKEN 52	2:29.27 RONALD MOLNAR 50	2:38.56 HARRY GROGAN 50
2:30.41 CHUCK MILAM 46	2:07.66 RONALD MOLNAR 50	2:31.02 ARTHUR SMITH III 52	2:39.44 ERNIE LESKOVITZ 54
100 YD. I.M. M E N 45-49	2:07.85 BOB BOURASSA 50	2:33.99 DAVID ROBINSON 52	2:41.31 BEN WISCKOL 51
56.23 ROBERT SMITH 88	500 YD. FREE M E N 50-54	50 YD. BRST M E N 50-54	100 YD. I.M. M E N 50-54
56.51 ANDREW MCPHERSON 45	5:13.80 EDWARD HINSHAW 90	29.70 MANUEL SANGUILY 84	1:00.66 DRURY GALLAGHER 89

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## SHORT COURSE YARDS

1:01.13 JACK GEOGHEGAN 50	5:32.17 BURWELL JONES 88	30.18 MANUEL SANGUILY 89	1:03.11 BURWELL JONES 88
1:01.76 JOHN SMITH 54	5:49.36 ERNIE LESKOVITZ 55	31.43 MANI SANGUILY 59	1:06.49 JACK BEATTIE 57
1:01.99 DRURY GALLAGHER 53	5:55.16 SAM JONES 56	32.06 DAVID C DABOLL 55	1:06.87 W. ROBERTSON III 56
1:03.28 ROY HALL 50	5:55.59 BILL STEUART 55	32.65 BOB BEST 59	1:06.99 BOB BAILIE 56
1:03.92 RICHARD A BASSI 51	5:58.54 WILLIAM ROBERTSON 55	33.02 ROBERT JOHNSTON 55	1:07.58 YOSHI OYAKAWA 58
1:05.19 ALLAN CARTWRIGHT 50	6:04.51 GEORGE BRUNSTAD 57	33.02 MILTON GEE 55	1:08.47 BOB BEST 59
1:05.61 MICHAEL LAUX 50	6:05.10 C.BOURGEOIS 58	33.45 BOB PATTEN 57	1:08.52 DONALD L BROWN 58
1:05.90 JOHN STOVER 51	6:11.21 BUDDY BELSHE 58	33.73 STAN MORNER 57	1:08.90 WALLY DOBLER 57
1:05.95 MICHAEL MEALIFFE 51	6:11.76 BRAD STURTEVANT 58	34.37 RAY BURNS 56	1:09.94 BILL EARLEY 55
1:06.40 DENNIS BLEDSOE 53	6:16.11 J.C. BRENTON 57	34.44 WANG LAU 55	1:10.11 MANI SANGUILY 59
200 YD. I.M. M E N 50-54	6:20.34 WILLIAM LAUER 57	34.51 BARR CLAYSON 56	1:10.31 DAVID C DABOLL 55
2:13.98 DRURY GALLAGHER 89	1000 YD. FREE M E N 55-59	100 YD. BRST M E N 55-59	200 YD. I.M. M E N 55-59
2:15.53 JACK GEOGHEGAN 50	11:26.99 BURWELL JONES 90	1:06.93 MANUEL SANGUILY 89	2:17.88 BURWELL JONES 88
2:15.88 DRURY GALLAGHER 53	12:15.88 ERNIE LESKOVITZ 55	1:09.95 MANI SANGUILY 59	2:28.77 JACK BEATTIE 57
2:19.73 MICHAEL LAUX 50	12:19.55 SAM JONES 56	1:11.74 DAVID C DABOLL 55	2:29.73 DONALD L BROWN 58
2:19.84 JOHN SMITH 54	12:42.98 GEORGE BRUNSTAD 57	1:12.46 BOB BEST 59	2:33.11 WILLIAM ROBERTSON 55
2:20.45 ALLAN CARTWRIGHT 50	12:45.20 C.LEBOURGEOIS 58	1:13.03 BOB PATTEN 57	2:34.68 BOB BEST 59
2:22.52 RONALD MOLNAR 50	12:53.07 BUDDY BELSHE 58	1:14.08 MILTON GEE 55	2:37.11 WILLIAM JONES 55
2:23.90 STEVEN THRASHER 50	13:00.41 J.C. BRENTON 56	1:15.36 ROBERT JOHNSTON 55	2:37.70 JACK G HALLIDAY 55
2:27.28 HUGH RODDIN 50	13:05.13 WILLIAM ROBERTSON 55	1:15.73 WANG LAU 55	2:37.88 GEORGE BRUNSTAD 57
2:27.50 JOHN STOVER 51	13:15.63 LARRY GOOD 57	1:15.91 RAY BURNS 56	2:38.01 LARRY GOOD 57
2:29.44 BOB BOURASSA 50	13:18.98 WILLIAM LAUER 57	1:16.73 WILLIAM JONES 55	2:38.31 WILLIAM LAUER 57
400 YD. I.M. M E N 50-54	13:20.43 RAY BURNS 56	1:16.98 BARR CLAYSON 56	2:39.08 BUDDY BELSHE 58
4:50.23 DRURY GALLAGHER 92	1650 YD. FREE M E N 55-59	200 YD. BRST M E N 55-59	400 YD. I.M. M E N 55-59
4:50.23 DRURY GALLAGHER 53	19:02.45 BURWELL JONES 88	2:34.15 MANUEL SANGUILY 89	5:03.44 BURWELL JONES 90
4:56.95 JACK GEOGHEGAN 50	20:20.17 ERNIE LESKOVITZ 55	2:39.19 MANI SANGUILY 59	5:25.82 ERNIE LESKOVITZ 55
5:00.23 ALLAN CARTWRIGHT 50	20:36.14 C.BOURGEOIS 58	2:40.83 BOB PATTEN 57	5:27.17 SAM JONES 56
5:06.03 MICHAEL LAUX 50	20:41.07 BILL STEUART 55	2:44.48 BOB BEST 59	5:30.06 DENNIS O'BRIEN 56
5:07.32 RONALD MOLNAR 50	21:14.98 NICHOLAS BERENYI 59	2:46.48 DAVID C DABOLL 55	5:37.62 GEORGE BRUNSTAD 57
5:15.69 HUGH RODDIN 50	21:24.43 BRAD STURTEVANT 58	2:48.76 JACK G HALLIDAY 55	5:40.69 WILLIAM JONES 55
5:17.85 BILL MULLIKEN 52	21:37.72 BUDDY BELSHE 58	2:50.05 DICK A PETERSON 55	5:41.32 BUDDY BELSHE 58
5:24.20 HUGH O WINN 50	21:59.54 JOSEPH BERTHE 55	2:50.07 MILTON GEE 55	5:44.04 J.C. BRENTON 57
5:26.71 JOHN STOVER 51	22:22.39 RAY BURNS 56	2:50.44 WANG LAU 55	5:44.87 BOB BEST 59
5:29.21 MEL GOLDSTEIN 53	22:40.98 BRIAN BROWNE 56	2:52.05 BARR CLAYSON 56	5:46.21 WILLIAM LAUER 57
*****	23:08.35 STEPHEN MULLINS 59	2:52.19 ROBERT JOHNSTON 55	5:46.92 C.LEBOURGEOIS 58
50 YD. FREE M E N 55-59	50 YD. BACK M E N 55-59	50 YD. FLY M E N 55-59	*****
23.41 DONALD HILL 87	28.15 YOSHI OYAKAWA 91	26.91 BOB BAILIE 91	50 YD. FREE M E N 60-64
24.23 BOB BAILIE 56	29.93 JACK BEATTIE 57	26.91 BOB BAILIE 56	25.19 PETER POWLISON 85
25.98 YOSHI OYAKAWA 58	29.95 DAVID MCINTYRE 57	28.35 DAVID MCINTYRE 57	26.03 CHUCK BALDWIN 61
26.03 BOB BEST 59	30.23 YOSHI OYAKAWA 58	28.46 PETER TAFT 56	26.95 ROBERT HERITIER 63
26.34 ROBERT JOHNSTON 55	30.43 DONALD L BROWN 58	28.81 WILLIAM ROBERTSON 55	27.01 DICK WEBBER 63
26.35 PETER TAFT 56	30.75 BARR CLAYSON 56	28.88 DAVID DRUM 56	27.24 DONALD SONIA 62
26.43 DAVE DRUM 56	31.42 SKIP MONSEIN 57	29.34 FOSTER DE JESUS 56	27.26 JOHN KORTHEUER 60
26.92 BILL EARLEY 55	31.51 BILL EARLEY 55	29.65 WALLY DOBLER 57	27.33 DICK BOWER 61
27.02 ROGER CLIFTON 56	32.82 JOHN W GOODE 58	29.78 ERNIE LESKOVITZ 55	27.57 BOB CONGELLIERE 62
27.15 BILL ROBERTSON 55	32.91 ELVIN CHOONG 59	29.79 WAYNE PICKERING 55	27.59 FRANK REYNOLDS 60
27.24 SID HALL 56	32.94 RON WITTLACK 57	29.93 C.LE BOURGEOIS 58	27.61 HERB KERN 60
100 YD. FREE M E N 55-59	100 YD. BACK M E N 55-59	100 YD. FLY M E N 55-59	27.85 BOB DORSE 60
52.59 DONALD HILL 87	1:02.56 YOSHI OYAKAWA 91	1:00.88 WALLY DOBLER 89	100 YD. FREE M E N 60-64
53.75 BOB BAILIE 56	1:04.03 YOSHI OYAKAWA 58	1:04.28 DAVID MCINTYRE 57	56.09 PETER POWLISON 85
56.45 W. ROBERTSON III 56	1:05.41 JACK BEATTIE 57	1:05.29 ERNIE LESKOVITZ 55	1:00.70 DONALD SONIA 62
56.85 YOSHI OYAKAWA 58	1:06.35 DAVID MCINTYRE 57	1:08.07 WILLIAM LAUER 57	1:01.23 ROBERT HERITIER 63
57.16 JACK BEATTIE 57	1:06.77 DONALD L BROWN 58	1:08.15 DENNIS O'BRIEN 56	1:01.32 GRAHAM JOHNSTON 60
57.74 DAVID MCINTYRE 57	1:09.85 BARR CLAYSON 56	1:08.27 WILLIAM JONES 55	1:01.59 LEN GOLDSTONE 62
57.85 ERNIE LESKOVITZ 55	1:10.78 SKIP MONSEIN 57	1:08.67 BOB BAILIE 56	1:02.21 JAMES PITTS 61
58.41 PETER TAFT 56	1:11.70 RON WITTLACK 57	1:08.69 C.BOURGEOIS 58	1:02.24 FRANK REYNOLDS 60
1:00.59 SID HALL 56	1:11.73 BILL EARLEY 55	1:09.77 TELFAIR MAHAFFY 56	1:02.83 WAYNE LEENGRAN 60
1:00.79 SAM KOOISTRA 56	1:12.39 MARTY MENNEN 55	1:10.43 FOSTER DEJESUS 56	1:02.86 NORMAN SHELDON 61
1:00.80 DAVE DRUM 56	1:13.32 MARSHALL GREER 55	1:10.46 BOB PATTEN 57	1:03.18 WILLIAM IRWIN 64
200 YD. FREE M E N 55-59	200 YD. BACK M E N 55-59	200 YD. FLY M E N 55-59	1:03.19 RICHARD L BENNETT 61
2:02.93 BURWELL JONES 88	2:20.56 DON BROWN 91	2:24.68 BILL YORZYK 89	200 YD. FREE M E N 60-64
2:06.22 ERNIE LESKOVITZ 55	2:24.60 DONALD L BROWN 58	2:32.31 ERNIE LESKOVITZ 55	2:07.53 PETER POWLISON 85
2:06.26 WILLIAM ROBERTSON 55	2:29.36 JACK BEATTIE 57	2:38.53 WILLIAM JONES 55	2:08.60 GRAHAM JOHNSTON 61
2:07.45 BOB BAILIE 56	2:33.75 BARR CLAYSON 56	2:41.23 DENNIS O'BRIEN 56	2:17.61 WAYNE LEENGRAN 60
2:10.03 SAM JONES 56	2:37.29 YOSHI OYAKAWA 58	2:46.02 C.BOURGEOIS 58	2:17.83 LEN GOLDSTONE 62
2:14.33 BILL STEUART 55	2:40.99 LARRY GOOD 57	2:47.39 WILLIAM LAUER 57	2:18.97 WILLIAM PHILLIPS 63
2:15.55 JOHN KALAS 58	2:41.13 JACK G HALLIDAY 55	2:48.63 GEORGE BRUNSTAD 57	2:19.21 ROBERT HERITIER 63
2:15.93 C.BOURGEOIS 58	2:41.25 RON WITTLACK 57	2:48.72 HERB ALVARADO 57	2:19.88 FRANK REYNOLDS 60
2:17.38 DAVE DRUM 56	2:42.77 MARTY MENNEN 55	2:53.57 RAY BURNS 56	2:20.02 HERB KERN 60
2:18.07 WILLIAM LAUER 57	2:44.17 SKIP MONSEIN 57	2:54.17 WANG LAU 55	2:21.39 ROBERT KLAGES 61
2:18.27 RAY BURNS 56	2:45.34 BRUCE MURRAY 55	2:56.71 BUDDY BELSHE 58	2:21.62 PETER BUCKLEY 61
500 YD. FREE M E N 55-59	50 YD. BRST M E N 55-59	100 YD. I.M. M E N 55-59	2:22.81 DONALD SONIA 62

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## SHORT COURSE YARDS

<p>500 YD. FREE M E N 60-64</p> <p>5:38.17 GRAHAM JOHNSTON 91</p> <p>5:41.26 GRAHAM JOHNSTON 61</p> <p>6:16.60 PETER BUCKLEY 61</p> <p>6:17.95 ERIC YOUNGQUIST 64</p> <p>6:19.60 WILLIAM PHILLIPS 63</p> <p>6:22.00 WAYNE LEENGRAN 61</p> <p>6:28.67 ROBERT KLAGES 61</p> <p>6:29.17 FRANK REYNOLDS 60</p> <p>6:29.79 DONALD SONIA 62</p> <p>6:31.60 BOB HERITIER 63</p> <p>6:34.29 WIN WILSON 64</p> <p>1000 YD. FREE M E N 60-64</p> <p>11:51.48 GRAHAM JOHNSTON 91</p> <p>11:59.35 GRAHAM JOHNSTON 60</p> <p>13:08.02 ROBERT HERITIER 63</p> <p>13:10.22 WAYNE LEENGRAN 60</p> <p>13:15.37 ERIC YOUNGQUIST 64</p> <p>13:22.12 HERB KERN 60</p> <p>13:26.39 PETER BUCKLEY 61</p> <p>13:38.31 TOM TAYLOR 61</p> <p>13:39.14 FRANK REYNOLDS 60</p> <p>13:46.24 ROBERT KLAGES 61</p> <p>13:51.39 FRED W TRASK 64</p> <p>1650 YD. FREE M E N 60-64</p> <p>19:41.57 GRAHAM JOHNSTON 92</p> <p>19:41.57 GRAHAM JOHNSTON 61</p> <p>22:23.91 WAYNE LEENGRAN 61</p> <p>22:41.78 TOM TAYLOR 60</p> <p>22:46.09 PETER BUCKLEY 61</p> <p>22:48.53 FRANK REYNOLDS 60</p> <p>22:56.34 ROBERT BEACH 61</p> <p>23:35.13 JOE MARTIN 60</p> <p>23:36.21 CHARLES KOHNKEN 60</p> <p>23:37.41 ROBERT KUENY 61</p> <p>23:41.93 FRED W TRASK 64</p> <p>50 YD. BACK M E N 60-64</p> <p>30.65 PAUL HUTINGER 85</p> <p>32.33 AULIS KAHKONEN 61</p> <p>32.84 RICHARD L BENNETT 60</p> <p>32.91 THOMAS SMITH 64</p> <p>33.68 HORACE KNOWLTON 62</p> <p>33.75 ROGER FRANKS 64</p> <p>33.96 FORREST SULLIVAN 62</p> <p>33.99 H. SEEGER 62</p> <p>34.47 JOHN KORTHEUER 60</p> <p>34.52 KENNETH KIMBALL 61</p> <p>34.61 STAN MC CONNELL 60</p> <p>100 YD. BACK M E N 60-64</p> <p>1:07.47 PAUL HUTINGER 85</p> <p>1:12.69 HORACE KNOWLTON 62</p> <p>1:13.33 THOMAS SMITH 64</p> <p>1:13.95 H. SEEGER 62</p> <p>1:14.27 FORREST SULLIVAN 62</p> <p>1:14.88 KENNETH KIMBALL 61</p> <p>1:15.52 STAN MC CONNELL 60</p> <p>1:15.63 ARNIE GREEN 60</p> <p>1:16.41 PETER VAN DIJK 62</p> <p>1:18.00 WILLIAM CLINTON 60</p> <p>1:18.16 GRAHAM JOHNSTON 60</p> <p>200 YD. BACK M E N 60-64</p> <p>2:28.45 RICHARD BENNETT 91</p> <p>2:42.52 RICHARD L BENNETT 61</p> <p>2:44.17 HORACE KNOWLTON 62</p> <p>2:45.98 H. SEEGER 62</p> <p>2:47.55 FORREST SULLIVAN 62</p> <p>2:47.72 ARNIE GREEN 60</p> <p>2:48.17 LEN GOLDSTONE 62</p> <p>2:48.50 KENNETH KIMBALL 61</p> <p>2:48.79 THOMAS SMITH 64</p> <p>2:50.09 STAN MC CONNELL 60</p> <p>2:51.74 BOB CONNOR 64</p>	<p>50 YD. BRST M E N 60-64</p> <p>31.76 AULIS KAHKONEN 92</p> <p>31.76 AULIS KAHKONEN 61</p> <p>32.11 JOHN KORTHEUER 61</p> <p>33.55 THOMAS KOENIG 60</p> <p>33.69 AARON KURTZMAN 62</p> <p>33.79 CHUCK BALDWIN 61</p> <p>35.10 SEYMOUR BOORSTEIN 60</p> <p>35.45 MILTON R MARKS 61</p> <p>35.60 JOHN MASTERS 61</p> <p>35.65 KENNETH FLYNN 62</p> <p>35.73 LOU MCCOMAS 60</p> <p>100 YD. BRST M E N 60-64</p> <p>1:10.13 JOHN KORTHEUER 91</p> <p>1:11.01 JOHN KORTHEUER 61</p> <p>1:12.24 AULIS KAHKONEN 61</p> <p>1:14.68 THOMAS KOENIG 60</p> <p>1:18.44 TAK ISERI 60</p> <p>1:18.88 TED HAARTZ 63</p> <p>1:18.97 ROBERT MCDONALD 63</p> <p>1:19.15 SEYMOUR BOORSTEIN 60</p> <p>1:20.30 LOU MCCOMAS 60</p> <p>1:20.48 ROBERT KUENY 61</p> <p>1:20.50 AARON KURTZMAN 62</p> <p>200 YD. BRST M E N 60-64</p> <p>2:40.96 JOHN KORTHEUER 91</p> <p>2:43.84 JOHN KORTHEUER 61</p> <p>2:51.68 AULIS KAHKONEN 61</p> <p>2:52.30 GRAHAM JOHNSTON 61</p> <p>2:53.94 TAK ISERI 60</p> <p>2:56.09 ROBERT KUENY 61</p> <p>2:57.18 THOMAS KOENIG 60</p> <p>2:57.19 ROBERT MCDONALD 63</p> <p>2:59.73 TED HAARTZ 63</p> <p>3:02.42 DAN GRUENDER 62</p> <p>3:02.86 D.VANROSSEN 62</p> <p>50 YD. FLY M E N 60-64</p> <p>28.50 PAUL HUTINGER 86</p> <p>29.09 CHUCK BALDWIN 61</p> <p>29.24 HERB KERN 60</p> <p>29.24 JOHN KORTHEUER 61</p> <p>30.31 FRANK REYNOLDS 60</p> <p>31.02 PARRY O'BRIEN 60</p> <p>31.24 THOMAS SMITH 64</p> <p>31.60 AARON KURTZMAN 62</p> <p>31.64 DICK WEBBER 62</p> <p>31.99 LUMAN SUTTON 64</p> <p>32.04 FORREST SULLIVAN 62</p> <p>100 YD. FLY M E N 60-64</p> <p>1:06.31 JOHN KORTHEUER 91</p> <p>1:08.46 JOHN KORTHEUER 61</p> <p>1:12.34 HERB KERN 60</p> <p>1:13.70 JOHN MASTERS 61</p> <p>1:15.52 WILLIAM IRWIN 64</p> <p>1:16.29 JOHN LENARD 61</p> <p>1:16.96 PARRY O'BRIEN 60</p> <p>1:17.08 FORREST SULLIVAN 62</p> <p>1:17.16 AARON KURTZMAN 62</p> <p>1:18.69 ROBERT KUENY 61</p> <p>1:19.00 THOMAS SMITH 64</p> <p>200 YD. FLY M E N 60-64</p> <p>2:38.59 JOHN MASTERS 91</p> <p>2:47.40 HERB KERN 60</p> <p>2:50.63 JOHN MASTERS 61</p> <p>2:53.79 ROBERT KUENY 61</p> <p>3:00.60 CHARLES MOSS 63</p> <p>3:02.47 JOHN LENARD 61</p> <p>3:10.78 PARRY O'BRIEN 60</p> <p>3:11.22 BUD BITZER 60</p> <p>3:12.42 ART TEBBENS 62</p> <p>3:14.30 CHARLES KOHNKEN 60</p> <p>3:15.60 ED HOWES 63</p>	<p>100 YD. I.M. M E N 60-64</p> <p>1:06.39 PAUL HUTINGER 86</p> <p>1:07.90 JOHN KORTHEUER 61</p> <p>1:08.39 CHUCK BALDWIN 61</p> <p>1:08.80 AULIS KAHKONEN 61</p> <p>1:09.32 HERB KERN 60</p> <p>1:11.22 THOMAS SMITH 64</p> <p>1:11.88 GRAHAM JOHNSTON 60</p> <p>1:12.62 THOMAS KOENIG 60</p> <p>1:13.32 ROBERT KUENY 61</p> <p>1:13.89 TED HAARTZ 64</p> <p>1:14.31 HORACE KNOWLTON 62</p> <p>200 YD. I.M. M E N 60-64</p> <p>2:30.59 GRAHAM JOHNSTON 91</p> <p>2:32.51 GRAHAM JOHNSTON 61</p> <p>2:38.52 HERB KERN 60</p> <p>2:39.83 JOHN KORTHEUER 60</p> <p>2:42.32 FRANK REYNOLDS 60</p> <p>2:42.69 ROBERT KUENY 61</p> <p>2:43.72 THOMAS SMITH 64</p> <p>2:47.24 HORACE KNOWLTON 62</p> <p>2:47.57 JOHN MASTERS 61</p> <p>2:48.59 WILLIAM IRWIN 64</p> <p>2:49.29 ROBERT MCDONALD 63</p> <p>400 YD. I.M. M E N 60-64</p> <p>5:22.98 GRAHAM JOHNSTON 91</p> <p>5:23.96 GRAHAM JOHNSTON 61</p> <p>5:40.73 HERB KERN 60</p> <p>5:53.87 ROBERT KUENY 61</p> <p>5:56.01 ERIC YOUNGQUIST 64</p> <p>5:57.44 JOHN MASTERS 61</p> <p>6:04.89 GORJUN H GILLIN 61</p> <p>6:24.96 DONALD SONIA 62</p> <p>6:25.00 CHARLES KOHNKEN 60</p> <p>6:32.50 PAUL GEITHNER 61</p> <p>6:33.40 MILTON R MARKS 61</p> <p>*****</p> <p>50 YD. FREE M E N 65-69</p> <p>25.62 PETER POWLISON 87</p> <p>26.49 FRANK PIEMME 67</p> <p>27.55 PAUL HUTINGER 67</p> <p>28.02 KEITH CARTER 67</p> <p>28.18 MILTON A SENS 66</p> <p>28.36 ROBERT BLAKE 67</p> <p>28.72 PERRY ROCKWELL 67</p> <p>28.76 HERB MCCAULEY 69</p> <p>28.92 JOHN FLORANCE 68</p> <p>29.29 JURGEN SCHMIDT 69</p> <p>29.35 FRANCIS HALL 65</p> <p>100 YD. FREE M E N 65-69</p> <p>56.24 PETER POWLISON 87</p> <p>1:00.48 FRANK PIEMME 67</p> <p>1:02.08 WINTHROP WILSON 65</p> <p>1:03.99 ROBERT BLAKE 67</p> <p>1:04.39 JOHN WOODS 68</p> <p>1:04.44 PAUL HUTINGER 67</p> <p>1:04.98 KEITH CARTER 67</p> <p>1:05.85 ROGER FRANKS 65</p> <p>1:06.20 MILTON A SENS 66</p> <p>1:06.40 GEORGE ERSWELL JR 65</p> <p>1:06.56 PERRY ROCKWELL 67</p> <p>200 YD. FREE M E N 65-69</p> <p>2:10.80 PETER POWLISON 87</p> <p>2:19.67 ED KERSWILL 66</p> <p>2:20.93 FRANK PIEMME 67</p> <p>2:23.41 ROGER FRANKS 65</p> <p>2:25.52 WINTHROP WILSON 65</p> <p>2:29.72 PAUL HUTINGER 67</p> <p>2:30.29 JOHN WOODS 68</p> <p>2:31.32 ROBERT BLAKE 67</p> <p>2:33.30 JURGEN SCHMIDT 69</p> <p>2:33.65 DON KORTEN 65</p>	<p>2:33.66 GEORGE ERSWELL JR 65</p> <p>500 YD. FREE M E N 65-69</p> <p>6:15.85 FRANK PIEMME 91</p> <p>6:21.89 ROGER FRANKS 65</p> <p>6:23.86 WINTHROP WILSON 65</p> <p>6:27.89 ED KERSWILL 66</p> <p>6:28.88 FRANK PIEMME 67</p> <p>6:53.66 LEE ARTH 67</p> <p>7:00.82 DON KORTEN 65</p> <p>7:03.80 JURGEN SCHMIDT 69</p> <p>7:05.29 JOHN WOODS 68</p> <p>7:07.52 ROBERT BLAKE 67</p> <p>7:17.13 DICK UPSALL 67</p> <p>1000 YD. FREE M E N 65-69</p> <p>13:02.54 WINTHROP WILSON 92</p> <p>13:02.54 WINTHROP WILSON 65</p> <p>13:15.32 ROGER FRANKS 65</p> <p>13:25.29 FRANK PIEMME 67</p> <p>13:44.37 ED KERSWILL 66</p> <p>14:33.19 LEE ARTH 67</p> <p>14:35.81 DON KORTEN 65</p> <p>14:42.44 JURGEN SCHMIDT 69</p> <p>14:49.69 PAUL HUTINGER 67</p> <p>14:54.25 DICK UPSALL 67</p> <p>15:06.86 ROBERT BLAKE 67</p> <p>1650 YD. FREE M E N 65-69</p> <p>22:00.93 FRANK PIEMME 91</p> <p>22:06.77 ROGER FRANKS 65</p> <p>22:31.02 FRANK PIEMME 67</p> <p>22:55.84 ED KERSWILL 66</p> <p>24:04.63 DON KORTEN 65</p> <p>24:15.34 JURGEN SCHMIDT 69</p> <p>24:16.41 LEE ARTH 66</p> <p>24:29.39 PAUL HUTINGER 67</p> <p>25:15.79 ROBERT BLAKE 67</p> <p>25:29.87 WAYNE SHADBOLT 67</p> <p>26:02.74 LOU SILVERSTEIN 65</p> <p>50 YD. BACK M E N 65-69</p> <p>31.39 PAUL HUTINGER 89</p> <p>32.09 PAUL HUTINGER 67</p> <p>32.94 ROGER FRANKS 65</p> <p>34.25 FRANK PIEMME 67</p> <p>34.27 GEORGE GANDSEY 68</p> <p>34.59 FLOYD A ELIOTT 65</p> <p>34.77 ELI M GOLDFARB 66</p> <p>35.18 DUANE DRAVES 66</p> <p>35.29 JOHN WOODS 68</p> <p>35.69 GEORGE BRINTON 67</p> <p>35.89 WILLIAM HAYNES 65</p> <p>100 YD. BACK M E N 65-69</p> <p>1:10.45 ROGER FRANKS 92</p> <p>1:10.45 ROGER FRANKS 65</p> <p>1:15.92 DUANE DRAVES 66</p> <p>1:17.09 ELI M GOLDFARB 66</p> <p>1:17.11 GEORGE GANDSEY 68</p> <p>1:17.46 FLOYD A ELIOTT 65</p> <p>1:19.49 DON KORTEN 65</p> <p>1:19.58 GEORGE BRINTON 67</p> <p>1:20.04 WILLIAM HAYNES 65</p> <p>1:22.13 FRANK PIEMME 67</p> <p>1:22.34 JOHN WOODS 68</p> <p>200 YD. BACK M E N 65-69</p> <p>2:30.82 ROGER FRANKS 92</p> <p>2:30.82 ROGER FRANKS 65</p> <p>2:47.51 ELI M GOLDFARB 66</p> <p>2:47.58 DUANE DRAVES 66</p> <p>2:51.62 PAUL HUTINGER 67</p> <p>2:54.49 FLOYD A ELIOTT 65</p> <p>2:54.87 GEORGE GANDSEY 68</p> <p>2:55.56 DON KORTEN 65</p> <p>2:57.59 FRANK PIEMME 67</p> <p>2:58.76 WILLIAM HAYNES 65</p>
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# TOP TEN

## SHORT COURSE YARDS

2:59.05 GEORGE BRINTON 67	3:32.78 WILLIAM STADIG 69	2:42.50 STEVE P CARLSON 72	3:15.23 BOB MERRICK 71
50 YD. BRST M E N 65-69	100 YD. I.M. M E N 65-69	2:43.87 GERALD A HUESTIS 72	3:17.22 EARL WALTER 70
33.24 JOSEPH KURTZMAN 91	1:06.74 PETER POWLISON 87	500 YD. FREE M E N 70-74	50 YD. BRST M E N 70-74
33.29 JOSEPH KURTZMAN 66	1:13.18 PAUL HUTINGER 67	6:52.21 FRED TAIOLI 91	36.17 PAUL KRUP 89
36.06 BARTON GREENBERG 67	1:13.73 FRANK PIEMME 67	7:00.69 FRED TAIOLI 71	36.81 PAUL KRUP 74
36.46 ARNIE FORMO 65	1:13.97 KEITH CARTER 67	7:15.43 ROBERT SCOLES 70	38.16 ROBERT A MORRISON 70
36.59 FRANK PIEMME 67	1:16.48 ROGER FRANKS 65	7:17.16 STEVE P CARLSON 72	38.22 TOM DOWELL 70
36.90 WILLIAM AUSTIN 65	1:16.92 DUANE DRAVES 66	7:19.71 JOHN CREWS 72	39.01 BIRCH DAVIDSON 73
37.95 JAMES FORBES 66	1:17.22 GEORGE ERSWELL JR 65	7:20.34 JOHN PATTEN 70	39.33 ALDO V DA ROSA 74
38.39 MATTHEW FLANAGAN 66	1:18.74 JOHN WOODS 68	7:26.50 ALDO V DA ROSA 74	40.24 HUGH RICHARDS 71
38.57 KEITH CARTER 67	1:18.91 LUMAN SUTTON 65	7:26.94 GEORGE HUBBELL 72	40.56 ROGER HOLMES 71
38.74 LEE ARTH 66	1:19.16 IRVING KATZ 67	7:30.51 DAVID MULLIKEN 73	40.58 BOB MERRICK 71
38.74 ROGER FRANKS 65	1:19.37 JOSEPH KURTZMAN 66	7:32.62 BOB ACKER 71	41.07 ROGER CHAMBERLAIN 74
100 YD. BRST M E N 65-69	200 YD. I.M. M E N 65-69	7:33.62 RAYMOND F TAFT 72	41.28 BEACH SCHULTZ 70
1:17.34 JOSEPH KURTZMAN 91	2:38.37 FRANK PIEMME 91	1000 YD. FREE M E N 70-74	100 YD. BRST M E N 70-74
1:19.12 JOSEPH KURTZMAN 65	2:40.44 ROGER FRANKS 65	14:15.81 FRED TAIOLI 91	1:21.03 ALDO DA ROSA 88
1:19.12 BARTON GREENBERG 67	2:40.54 FRANK PIEMME 67	14:59.99 STEVE P CARLSON 72	1:25.39 BOB MERRICK 71
1:21.58 DONALD HESTER 65	2:49.69 DUANE DRAVES 66	15:19.58 ROBERT SCOLES 70	1:26.87 PAUL KRUP 74
1:22.42 ARNIE FORMO 65	2:50.45 PAUL HUTINGER 67	15:22.97 RAYMOND F TAFT 72	1:27.20 ALDO V DA ROSA 73
1:23.55 FRANK PIEMME 67	2:55.46 KEITH CARTER 67	15:24.15 ALDO DAROSA 74	1:29.16 TOM DOWELL 70
1:24.65 WILLIAM AUSTIN 65	2:56.25 LEE ARTH 67	15:36.74 JOHN PATTEN 70	1:31.00 RAY HAKOMAKI 71
1:26.12 LEE ARTH 67	2:57.44 DON KORTEN 65	15:43.29 NORRIS FLUKE 74	1:31.41 ROBERT A MORRISON 70
1:27.15 ROGER FRANKS 65	2:57.68 JOSEPH KURTZMAN 66	15:47.77 BOB MERRICK 71	1:32.70 BEACH SCHULTZ 70
1:27.33 MATTHEW FLANAGAN 65	2:57.90 LUMAN SUTTON 65	15:52.98 EDWARD R MORAN 74	1:36.42 ROGER CHAMBERLAIN 74
1:28.39 JOHN EMANUEL 67	2:59.63 ED KERSWILL 66	15:54.24 GILBERT N YOUNG 70	1:36.44 RAYMOND F TAFT 72
200 YD. BRST M E N 65-69	400 YD. I.M. M E N 65-69	16:00.13 GEORGE HUBBELL 72	1:37.21 BRUD CLEVELAND 74
2:54.27 BARTON GREENBERG 90	5:45.80 FRANK PIEMME 91	1650 YD. FREE M E N 70-74	200 YD. BRST M E N 70-74
2:59.58 BARTON GREENBERG 67	5:48.85 FRANK PIEMME 67	23:44.48 ALDO DA ROSA 88	3:03.29 ALDO DA ROSA 88
3:04.63 WILLIAM AUSTIN 65	6:00.43 ROGER FRANKS 65	23:56.76 FRED TAIOLI 71	3:11.23 BOB MERRICK 71
3:05.07 JOSEPH KURTZMAN 66	6:14.21 PAUL HUTINGER 67	24:57.21 ALDO V DA ROSA 73	3:19.23 ALDO V DA ROSA 74
3:06.08 LEE ARTH 67	6:18.49 LEE ARTH 67	25:37.41 ROBERT SCOLES 70	3:20.24 PAUL KRUP 74
3:07.66 FRANK PIEMME 67	6:26.38 DON KORTEN 65	25:50.77 DAVID MULLIKEN 73	3:36.38 JOHN CREWS 72
3:09.21 ROGER FRANKS 65	6:34.14 IRVING KATZ 67	26:19.00 GILBERT N YOUNG 70	3:38.64 BUD JACKSON 72
3:09.51 ARNIE FORMO 65	6:35.33 KEITH CARTER 67	27:22.37 BOB ACKER 71	3:38.89 ROGER CHAMBERLAIN 74
3:15.98 NORMAN GARSOE 68	6:42.20 LOU SILVERSTEIN 65	27:30.29 FRANK MURPHY 73	3:40.70 EARL WALTER 70
3:19.92 ED KERSWILL 66	6:45.40 ART KELLEY 66	27:54.71 RICHARD T SMITH 71	3:40.77 BALINT PAPP 70
3:25.74 JAMES FORBES 66	6:53.92 RICHARD DANIEL 66	28:01.99 HARWELL MOSELEY 73	3:42.66 GEORGE HUBBELL 72
50 YD. FLY M E N 65-69	*****	28:35.60 LYNN SURLES 74	3:42.93 BRUD CLEVELAND 74
29.42 FRANK PIEMME 91	50 YD. FREE M E N 70-74	50 YD. BACK M E N 70-74	50 YD. FLY M E N 70-74
29.94 FRANK PIEMME 67	27.45 KELLEY LEMMON 82	34.33 JACK MCCANN 92	31.95 BIRCH DAVIDSON 89
30.17 PAUL HUTINGER 67	27.75 RAY HAKOMAKI 71	34.33 JACK MCCANN 70	33.43 BIRCH DAVIDSON 73
30.46 JOSEPH KURTZMAN 66	28.91 JACK MCCANN 70	34.60 JOHN DILLEY 71	33.44 ROGERS HOLMES 70
31.12 PERRY ROCKWELL 67	29.05 ROBERT SCOLES 70	35.75 ROGERS HOLMES 70	33.87 ANDREW W HOLDEN 72
31.51 WINTHROP WILSON 65	29.24 HUGH RICHARDS 71	36.13 RAYMOND F TAFT 72	34.57 FRED ROBERTSON 70
32.13 FRANCIS HALL 65	29.32 DONALD AGATE 70	36.83 BILL MOLVIE 73	34.58 HUGH RICHARDS 71
32.27 LUMAN SUTTON 65	29.55 RICHARD KENNEDY 70	37.59 BOB MERRICK 71	35.64 PAUL KRUP 74
32.47 KEITH CARTER 67	29.79 ROGERS HOLMES 70	37.85 GERALD A HUESTIS 72	35.83 RAYMOND F TAFT 72
33.23 JURGEN SCHMIDT 69	29.86 ANDREW W HOLDEN 72	38.05 ALDO V DA ROSA 74	35.84 JOHN CREWS 72
33.33 HERB MCCAULEY 69	29.96 RAYMOND F TAFT 72	38.66 RAY HAKOMAKI 71	35.98 HARWELL MOSELEY 73
100 YD. FLY M E N 65-69	30.03 BIRCH DAVIDSON 73	38.68 HIROSHI YAMAMOTO 74	36.80 BILL UHRICH 71
1:09.77 JOSEPH KURTZMAN 91	100 YD. FREE M E N 70-74	100 YD. BACK M E N 70-74	100 YD. FLY M E N 70-74
1:10.09 JOSEPH KURTZMAN 66	1:01.22 KELLEY LEMMON 84	1:15.70 JOHN DILLEY 91	1:18.88 ANDREW HOLDEN 90
1:11.81 WINTHROP WILSON 65	1:06.08 DONALD AGATE 70	1:16.09 JOHN DILLEY 71	1:24.57 PAUL KRUP 74
1:14.01 KEITH CARTER 67	1:06.97 JACK MCCANN 70	1:16.23 JACK MCCANN 70	1:24.62 ANDREW HOLDEN 72
1:19.99 PAUL HUTINGER 67	1:07.39 ROBERT SCOLES 70	1:19.02 RAYMOND F TAFT 72	1:28.38 HARWELL MOSELEY 73
1:20.87 PERRY ROCKWELL 67	1:08.10 ANDREW HOLDEN 72	1:20.60 ROGERS HOLMES 70	1:30.48 ROBERT SCOLES 70
1:21.68 ROGER FRANKS 65	1:08.36 RAY HAKOMAKI 71	1:21.93 JOHN WRENN 71	1:33.61 ALDO V DA ROSA 74
1:22.82 LEE ARTH 67	1:08.41 JAY CRADDOCK 71	1:23.93 ANDREW HOLDEN 72	1:35.23 EARL WALTER 71
1:22.94 IRVING KATZ 67	1:08.49 GERALD A HUESTIS 72	1:25.80 GERALD HUESTIS 71	1:35.90 BALINT PAPP 70
1:22.97 LUMAN SUTTON 65	1:10.14 DON GREETHAM 70	1:25.95 BOB MERRICK 71	1:36.08 CHET GOSSTYLA 71
1:25.16 ART KELLEY 66	1:10.15 RAYMOND F TAFT 72	1:26.08 NORRIS FLUKE 74	1:38.21 WILLIAM JOHNSTON 73
200 YD. FLY M E N 65-69	1:10.37 JOHN PATTEN 70	1:26.13 BILL MOLVIE 73	1:39.63 RAYMOND F TAFT 72
2:42.58 JOSEPH KURTZMAN 91	200 YD. FREE M E N 70-74	200 YD. BACK M E N 70-74	200 YD. FLY M E N 70-74
2:46.04 JOSEPH KURTZMAN 66	2:24.72 KELLEY LEMMON 82	2:52.28 JACK MCCANN 92	2:58.78 ANTON CERER 87
3:05.18 KEITH CARTER 67	2:31.85 JACK MCCANN 70	2:52.28 JACK MCCANN 70	3:18.07 ANDREW HOLDEN 72
3:07.46 ROGER FRANKS 65	2:32.75 BIRCH DAVIDSON 73	2:54.42 RAYMOND F TAFT 72	3:21.06 PAUL KRUP 74
3:08.84 LEE ARTH 67	2:36.29 ROBERT SCOLES 70	3:00.78 ROGER HOLMES 71	3:33.55 ALDO V DA ROSA 74
3:14.75 ART KELLEY 66	2:37.94 FRED TAIOLI 71	3:04.07 GERALD A HUESTIS 72	3:35.61 HARWELL MOSELEY 73
3:20.19 PERRY ROCKWELL 67	2:39.27 JOHN PATTEN 70	3:05.98 HARRY LIEBER 73	3:37.89 EARL WALTER 70
3:24.16 PAUL HUTINGER 67	2:41.64 JOHN CREWS 72	3:06.54 NORRIS FLUKE 74	4:18.83 WILLIAM JOHNSTON 73
3:24.88 IRVING KATZ 68	2:41.80 RAYMOND F TAFT 72	3:08.29 ALDO V DA ROSA 74	4:24.24 HERMAN FOREST 70
3:26.00 RICHARD DANIEL 66	2:42.33 BOB MERRICK 71	3:09.13 JOHN MERRILL 74	4:30.75 BOB ACKER 70

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5:16.34 REGINALD MCHUGH 72	3:06.59 HARRY BARTLETT 76	3:37.67 ROGER CHAMBERLAIN 75	1:28.88 NORRIS FLUKE 75
6:04.08 FRANK SCHURR 70	3:07.56 FRITZ MCDUFFIE 75	3:47.45 WALTER SOMPAYRAC 78	1:29.40 ROBERT KNAPP 75
100 YD. I.M. M E N 70-74	3:08.53 EDWARD NAKAMURA 76	3:49.85 JACK KEEFE 77	1:31.70 ROGER CHAMBERLAIN 75
1:13.66 RAYMOND TAFT 89	500 YD. FREE M E N 75-79	50 YD. BRST M E N 75-79	1:32.69 BEANS YAMAMOTO 75
1:17.38 BIRCH DAVIDSON 73	7:14.29 DEXTER WOODFORD 89	38.58 WALLY SPENCE 82	1:33.14 GEORGE RAFTER 75
1:17.89 ROGERS HOLMES 70	7:34.18 NORRIS FLUKE 75	41.23 ROGER CHAMBERLAIN 75	1:34.59 JOHN JOHNSTON 76
1:18.55 ANDREW W HOLDEN 72	8:02.02 ROBERT JOHNSON 75	41.46 BENNETT ALLEN 78	1:35.19 RUSS WITTE 75
1:19.05 RAYMOND F TAFT 72	8:06.01 GARY WEISENTHAL 78	41.59 RUSS WITTE 75	1:35.45 WILLIAM GRANT JR 78
1:20.31 BOB MERRICK 71	8:08.51 OBEL JAMES 77	42.28 MURRAY EAGER 75	1:35.66 NELSON OTIS 76
1:22.00 HUGH RICHARDS 71	8:08.75 ROY MORSE 75	42.48 JERRY EVERALL 77	200 YD. I.M. M E N 75-79
1:23.09 RAY HAKOMAKI 71	8:16.20 JOHN MERRILL 75	42.63 DON MCCULLOUGH 76	2:58.90 KELLEY LEMMON 87
1:23.52 GERALD A HUESTIS 71	8:16.89 GEORGE RAFTER 75	44.36 JOHN LEVETT 75	3:07.38 ANTON CERER 75
1:23.94 PAUL KRUP 74	8:18.59 HAROLD SEXTON 77	44.86 MIKE OFFNER 77	3:11.25 NORRIS FLUKE 75
1:24.00 JOHN CREWS 72	8:23.83 HARRY BARTLETT 76	44.94 JOPAUL STEINER 75	3:27.05 ROGER CHAMBERLAIN 75
200 YD. I.M. M E N 70-74	8:52.84 JOHN JOHNSTON 76	45.75 WILLIAM GRANT JR 78	3:32.72 DICK WESTERFIELD 77
2:47.68 BIRCH DAVIDSON 89	1000 YD. FREE M E N 75-79	100 YD. BRST M E N 75-79	3:33.73 GEORGE RAFTER 75
3:02.73 BOB MERRICK 71	14:54.63 DEXTER WOODFORD 90	1:27.44 KELLEY LEMMON 87	3:34.06 ROBERT JOHNSTON 75
3:05.66 RAYMOND F TAFT 72	15:41.27 NORRIS FLUKE 75	1:32.66 RUSS WITTE 75	3:35.09 DON MCCULLOUGH 76
3:08.95 ALDO V DA ROSA 73	16:08.56 ROBERT JOHNSTON 75	1:32.94 DON MCCULLOUGH 76	3:36.43 CLIFF CROOME 75
3:09.32 ANDREW W HOLDEN 72	16:56.40 ROY MORSE 75	1:35.63 BENNETT ALLEN 78	3:37.97 JOHN JOHNSTON 76
3:12.28 GEORGE HUBBELL 72	17:05.69 GEORGE RAFTER 75	1:36.36 ROGER CHAMBERLAIN 75	3:46.50 RUSS WITTE 75
3:13.10 GERALD A HUESTIS 71	17:17.14 HARRY BARTLETT 76	1:36.45 JERRY EVERALL 77	400 YD. I.M. M E N 75-79
3:13.40 NORRIS FLUKE 74	18:31.31 GARY WEISENTHAL 78	1:37.41 MURRAY EAGER 75	6:47.85 NORRIS FLUKE 92
3:17.38 ROBERT WRIGHT 71	19:08.60 DOC SCHOFIELD 77	1:42.80 JOHN LEVETT 75	6:47.85 NORRIS FLUKE 75
3:18.00 RAY HAKOMAKI 71	19:16.25 RUSS WITTE 75	1:43.42 MIKE OFFNER 77	7:27.85 DON MCCULLOUGH 76
3:18.31 BOB ACKER 71	19:24.90 GENE CROSSETT 78	1:43.52 GEORGE RAFTER 75	7:45.78 CLIFF CROOME 75
400 YD. I.M. M E N 70-74	19:35.06 WALT SOMPAYRAC 78	1:44.08 FRITZ MCDUFFIE 75	8:01.12 DICK WESTERFIELD 77
6:14.18 BIRCH DAVIDSON 89	1650 YD. FREE M E N 75-79	200 YD. BRST M E N 75-79	8:05.48 NELSON OTIS 76
6:29.93 BIRCH DAVIDSON 73	25:05.88 DEXTER WOODFORD 89	3:14.29 ANTON CERER 92	8:07.69 JOHN JOHNSTON 76
6:38.82 ALDO V DA ROSA 74	25:58.25 NORRIS FLUKE 75	3:14.29 ANTON CERER 75	12:33.58 HENRY STEINBISS 79
6:39.88 RAYMOND F TAFT 72	26:50.52 ROBERT JOHNSON 75	3:24.03 DON MCCULLOUGH 76	*****
6:45.43 GERALD A HUESTIS 71	28:12.00 PETE OKUMOTO 76	3:25.84 RUSS WITTE 75	50 YD. FREE M E N 80-84
6:53.56 EARL WALTER 70	28:22.18 JOHN MERRILL 75	3:38.47 MURRAY EAGER 75	32.10 KELLEY LEMMON 92
6:57.41 NORRIS FLUKE 74	29:47.25 JOHN JOHNSTON 76	3:39.31 ROGER CHAMBERLAIN 75	32.10 KELLEY LEMMON 80
6:58.00 ANDREW W HOLDEN 72	32:05.03 GENE CROSSETT 78	3:43.16 JERRY EVERALL 77	34.13 GERSON SOBEL 82
7:14.61 BOB ACKER 71	32:53.68 DOC SCHOFIELD 78	3:48.78 MIKE OFFNER 77	36.95 LIONEL PEREIRA 82
7:16.57 DAVID MULLIKEN 73	34:01.55 FRANK TILLOTSON 77	3:56.25 FRITZ MCDUFFIE 75	37.40 DAN DOTTERWEICH 83
7:18.03 HARWELL MOSELEY 73	34:04.49 GIL SPEAR 77	3:56.97 JOHN JOHNSTON 76	38.36 HERBERT HOWE 80
*****	34:12.62 RUSS WITTE 75	3:58.46 JOHN LEVETT 75	38.66 WILLIAM KIRAR 80
50 YD. FREE M E N 75-79	50 YD. BACK M E N 75-79	50 YD. FLY M E N 75-79	38.83 WILLIAM MOLLOY 82
28.73 KELLEY LEMMON 87	37.10 EDWARD SHEA 91	35.44 KELLEY LEMMON 87	39.07 JERE LORD 81
30.48 WOODY BOWERSOCK 78	37.73 NORRIS FLUKE 75	38.14 ALBERT VANDEWEGHE 75	39.50 WILLIAM MARQUETTE 83
31.29 ROBERT KNAPP 75	38.04 ROBERT KNAPP 75	38.61 ROBERT KNAPP 75	39.53 DAVID McAFEE 82
31.34 OBEL JAMES 77	38.08 A.VANDE WEGHE 75	39.80 WILLIAM GRANT JR 78	100 YD. FREE M E N 80-84
31.54 BEANS YAMAMOTO 75	38.48 JOHN MERRILL 75	40.95 GEORGE RAFTER 75	1:17.82 GERSON SOBEL 90
31.70 PETE OKUMOTO 76	38.71 BEANS YAMAMOTO 75	41.93 JACK MATTINGLY 77	1:19.94 GERSON SOBEL 82
32.17 A.WEGHE 75	38.76 EDWARD SHEA 77	41.94 BEANS YAMAMOTO 75	1:29.92 DAVID McAFEE 82
32.62 NORRIS FLUKE 75	38.85 WILLIAM ROWE 75	42.35 ROGER CHAMBERLAIN 75	1:34.25 JARING TIMMERMAN 82
32.85 WILLIAM GRANT JR 78	40.20 GARY WEISENTHAL 78	44.27 WOODY BOWERSOCK 78	1:34.26 WILLIAM MOLLOY 82
33.28 FRITZ MCDUFFIE 75	41.14 DAVE MALBROUGH 79	50.21 RUSS WITTE 75	1:34.34 DAN DOTTERWEICH 83
33.48 ROY MORSE 75	41.42 JOHN WHITE 75	51.36 CARL THORNBURG 79	1:34.58 LOUIS NAGY 80
100 YD. FREE M E N 75-79	100 YD. BACK M E N 75-79	100 YD. FLY M E N 75-79	1:35.01 WILLIAM KIRAR 80
1:04.28 KELLEY LEMMON 88	1:21.83 A. VANDE WEGHE 92	1:32.72 KELLEY LEMMON 88	1:36.80 JIM PENFIELD 83
1:12.98 OBEL JAMES 77	1:21.83 ALBERT VANDEWEGHE 75	1:35.65 GEORGE RAFTER 75	1:37.18 LEE STARR 82
1:14.96 WILLIAM ROWE 76	1:24.91 NORRIS FLUKE 75	1:36.43 ROBERT KNAPP 75	1:40.15 JOHN MAXWELL 83
1:15.85 ROY MORSE 75	1:25.38 EDWARD SHEA 77	1:38.24 DON MCCULLOUGH 76	1:40.15 DONALD LEATHERMAN 80
1:16.54 FRITZ MCDUFFIE 75	1:26.68 JOHN MERRILL 75	1:38.37 NORRIS FLUKE 75	200 YD. FREE M E N 80-84
1:17.52 WOODY BOWERSOCK 78	1:29.13 WILLIAM ROWE 76	1:45.16 ROGER CHAMBERLAIN 75	2:49.94 KELLEY LEMMON 92
1:18.93 BEANS YAMAMOTO 75	1:33.51 CLIFF CROOME 75	1:47.32 WILLIAM GRANT JR 78	2:49.94 KELLEY LEMMON 80
1:19.10 ROBERT JOHNSON 75	1:33.86 BEANS YAMAMOTO 75	1:50.23 JOHN JOHNSTON 76	3:04.28 GERSON SOBEL 82
1:19.32 JOHN JOHNSTON 76	1:34.13 JOHN WHITE 75	1:52.79 NELSON OTIS 76	3:22.85 DAVE McAFEE 82
1:19.78 HAROLD SEXTON 77	1:35.67 DAVE MALBROUGH 79	1:55.93 CLIFF CROOME 75	3:33.31 LIONEL PEREIRA 82
1:19.79 HARRY BARTLETT 76	1:38.32 DICK WESTERFIELD 77	1:58.16 CARL THORNBURG 79	3:33.58 LOUIS NAGY 80
200 YD. FREE M E N 75-79	200 YD. BACK M E N 75-79	200 YD. FLY M E N 75-79	3:34.96 WILLIAM MOLLOY 82
2:30.58 KELLEY LEMMON 88	3:02.98 EDWARD SHEA 92	3:17.53 ANTON CERER 92	3:38.10 JARING TIMMERMAN 82
2:45.17 NORRIS FLUKE 75	3:02.98 EDWARD SHEA 77	3:17.53 ANTON CERER 75	3:51.33 DONALD LEATHERMAN 80
2:52.97 ROBERT KNAPP 75	3:03.44 A.WEGHE 75	3:54.90 DON MCCULLOUGH 76	3:51.96 RICHARD KANE 80
2:54.32 ROY MORSE 75	3:05.54 NORRIS FLUKE 75	4:04.51 JOHN JOHNSTON 76	3:55.78 CHARLES WOOD 83
2:55.21 OBEL JAMES 77	3:10.00 JOHN MERRILL 75	4:13.65 NELSON OTIS 76	500 YD. FREE M E N 80-84
2:56.51 ROBERT JOHNSTON 75	3:27.12 DICK WESTERFIELD 77	100 YD. I.M. M E N 75-79	8:03.55 GUS LANGNER 85
3:03.67 HAROLD SEXTON 77	3:29.08 JOHN WHITE 75	1:16.57 KELLEY LEMMON 87	8:28.74 HERBERT HOWE 80
3:05.34 JOHN JOHNSTON 76	3:35.85 DAVE MALBROUGH 79	1:22.83 ALBERT VANDEWEGHE 75	9:32.45 DAVE McAFEE 82

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## SHORT COURSE YARDS

10:00.02 LOUIS NAGY 80	1:32.72 KELLEY LEMMON 80	200 YD. FREE M E N 85-89	2:00.04 AL KALLUNKI 90
10:04.76 HERB EISENSCHMIDT 84	1:50.70 FREDERICK HAUFF 80	3:17.83 GUS LANGNER 90	2:08.36 HERB EISENSCHMIDT 85
10:14.14 JARING TIMMERMAN 82	1:54.42 DAN DOTTERWEICH 83	3:40.38 GUS LANGNER 88	2:19.92 ABE OLANOFF 85
10:17.93 DONALD LEATHERMAN 80	1:59.44 WILLIAM MOLLOY 82	3:53.02 HERB EISENSCHMIDT 85	2:22.27 PETER JURCZYK 86
10:26.80 CHARLES WOOD 83	2:12.90 JESSE COON 81	4:13.32 ABE OLANOFF 85	2:27.86 ANDREW KALLUNKI 87
10:42.89 RICHARD KANE 80	2:13.22 LARRY HART 80	4:19.84 PETER JURCZYK 86	2:32.44 GUS LANGNER 88
10:56.43 JESSE COON 81	2:24.34 JOHN GLENN 81	4:22.56 JOE KAUFMAN 87	200 YD. I.M. M E N 85-89
11:59.75 JOHN MAXWELL 83	2:34.56 HARRY BARR 82	9:48.17 HARRY HOTLINE 85	4:40.51 TOM CURETON 87
1000 YD. FREE M E N 80-84	2:57.83 JOHN WILLIAMS 80	500 YD. FREE M E N 85-89	4:48.08 HERB EISENSCHMIDT 85
16:54.23 GUS LANGNER 85	200 YD. BRST M E N 80-84	9:00.31 GUS LANGNER 90	5:19.93 ABE OLANOFF 85
17:36.93 HERBERT HOWE 80	4:03.66 AL KALLUNKI 84	9:46.29 GUS LANGNER 88	400 YD. I.M. M E N 85-89
21:33.12 JESSE COON 81	4:15.39 WILLIAM MOLLOY 82	10:20.15 HERB EISENSCHMIDT 85	9:47.85 HERB EISENSCHMIDT 92
22:05.41 DONALD LEATHERMAN 80	4:19.92 DAN DOTTERWEICH 83	10:29.75 JOE KAUFMAN 87	9:47.85 HERB EISENSCHMIDT 85
22:18.34 RICHARD KANE 80	4:37.83 JIM PENFIELD 83	10:55.12 ABE OLANOFF 85	11:47.37 ABE OLANOFF 85
24:08.14 JIM PENFIELD 83	4:51.04 JESSE COON 81	1000 YD. FREE M E N 85-89	*****
24:59.55 DON NEEFE 83	5:39.32 JOHN GLENN 81	18:18.29 GUS LANGNER 89	50 YD. FREE M E N 90-94
26:01.18 JOHN MAXWELL 83	6:31.97 JOHN WILLIAMS 80	20:39.04 GUS LANGNER 88	1:06.72 JOHN WHITTEMORE 90
29:09.99 LARRY HART 80	50 YD. FLY M E N 80-84	50:43.16 HARRY HOTLINE 85	46.12 JOE REINERS 90NV
1650 YD. FREE M E N 80-84	40.94 JESSE COON 90	1650 YD. FREE M E N 85-89	1:17.84 JOHN WHITTEMORE 92
28:04.21 GUS LANGNER 85	45.47 JESSE COON 81	31:02.36 GUS LANGNER 90	1:41.56 TONY LOPEZ 91
29:37.12 HERBERT HOWE 80	47.12 DON NEEFE 83	35:44.05 GUS LANGNER 88	100 YD. FREE M E N 90-94
33:21.61 LOUIS NAGY 80	54.55 DONALD LEATHERMAN 80	50 YD. BACK M E N 85-89	2:24.60 PAUL SPANGLER 89
37:35.16 CHARLES WOOD 83	55.18 JIM PENFIELD 84	52.83 PETER JURCZYK 90	NO SWIMMERS
39:25.89 RICHARD KANE 80	1:05.05 RICHARD KANE 80	54.14 MAXWELL VOGT 86	200 YD. FREE M E N 90-94
50 YD. BACK M E N 80-84	100 YD. FLY M E N 80-84	55.34 HERB EISENSCHMIDT 85	5:22.61 PAUL SPANGLER 90
41.17 ART RULE 87	1:50.88 JESSE COON 91	55.98 PETER JURCZYK 86	NO SWIMMERS
45.25 CHARLES A SALIE 80	2:06.41 JESSE COON 81	56.48 ROLAND VANLILL 86	500 YD. FREE M E N 90-94
45.82 FREDERICK HAUFF 80	2:22.69 DONALD LEATHERMAN 80	1:01.19 JOE KAUFMAN 87	13:13.36 PAUL SPANGLER 89
47.42 LEE STARR 82	2:38.14 RICHARD KANE 80	1:03.28 HARRY JAGGERS 85	NO SWIMMERS
49.20 JACK HOEY 82	200 YD. FLY M E N 80-84	1:04.14 ABE OLANOFF 85	1000 YD. FREE M E N 90-94
50.44 JOHN GLENN 81	4:20.25 JESSE COON 90	1:07.18 GUS LANGNER 88	28:04.65 PAUL SPANGLER 89
51.18 WILLIAM MARQUETTE 83	4:51.00 JESSE COON 81	2:15.26 HARRY HOTLINE 85	NO SWIMMERS
51.32 JIM PENFIELD 83	5:57.83 DONALD LEATHERMAN 80	100 YD. BACK M E N 85-89	1650 YD. FREE M E N 90-94
54.42 DAVE MCAFEE 82	6:55.10 RICHARD KANE 80	1:54.21 PETER JURCZYK 90	51:31.39 PAUL SPANGLER 89
54.82 WILLIAM KIRAR 80	100 YD. I.M. M E N 80-84	2:03.23 HERB EISENSCHMIDT 85	NO SWIMMERS
56.53 JESSE COON 81	1:40.18 JIM PENFIELD 88	2:07.10 PETER JURCZYK 86	50 YD. BACK M E N 90-94
100 YD. BACK M E N 80-84	1:48.90 FREDERICK HAUFF 80	2:17.68 JOE KAUFMAN 87	1:15.02 TOM LANE 89
1:35.29 ARTHUR HARGRAVE 87	1:53.87 CHARLES SALIE 80	2:20.69 HARRY JAGGERS 85	1:45.68 TONY LOPEZ 91
1:36.79 CHARLES A SALIE 80	1:55.13 JESSE COON 81	2:23.39 ABE OLANOFF 85	100 YD. BACK M E N 90-94
1:45.57 JACK HOEY 82	1:57.83 JIM PENFIELD 83	2:38.60 GUS LANGNER 88	3:17.90 TONY LOPEZ 90
1:46.13 FREDERICK HAUFF 80	2:10.13 H.EISENSCHMIDT 84	4:46.39 HARRY HOTLINE 85	4:11.38 TONY LOPEZ 91
1:49.54 LEE STARR 82	2:22.82 LARRY HART 80	200 YD. BACK M E N 85-89	200 YD. BACK M E N 90-94
2:00.56 DAVE MCAFEE 82	2:31.96 RICHARD KANE 80	4:22.41 PETER JURCZYK 90	6:40.23 TONY LOPEZ 90
2:02.89 HERB EISENSCHMIDT 84	2:36.54 JOHN GLENN 81	4:24.65 HERB EISENSCHMIDT 85	8:38.87 TONY LOPEZ 91
2:06.92 JOHN GLENN 81	2:54.72 DON NEEFE 83	4:33.95 PETER JURCZYK 86	50 YD. BRST M E N 90-94
2:10.33 JESSE COON 81	200 YD. I.M. M E N 80-84	4:43.08 JOE KAUFMAN 87	1:24.24 JOHN WHITTEMORE 90
2:14.42 JAMES CLARK 80	3:48.22 HERB EISENSCHMIDT 87	5:09.64 HARRY JAGGERS 85	1:32.32 JOHN WHITTEMORE 92
2:22.77 PAUL THOMPSON 82	4:21.58 JESSE COON 81	5:48.06 GUS LANGNER 88	*****
200 YD. BACK M E N 80-84	4:33.21 HERB EISENSCHMIDT 84	10:10.74 HARRY HOTLINE 85	50 YD. FREE M E N 95 +
3:34.78 ARTHUR HARGRAVE 86	400 YD. I.M. M E N 80-84	50 YD. BRST M E N 85-89	1:14.35 TOM LANE 90
3:34.07 CHARLES A SALIE 80NV	8:27.54 HERB EISENSCHMIDT 89	52.51 AL KALLUNKI 90	1:22.43 TOM LANE 97
4:00.70 JACK HOEY 82	9:26.26 HERB EISENSCHMIDT 84	1:00.28 ABE OLANOFF 85	100 YD. FREE M E N 95 +
4:06.07 LEE STARR 83	*****	1:03.23 HERB EISENSCHMIDT 85	3:20.38 TOM LANE 90
4:13.00 HERB EISENSCHMIDT 84	50 YD. FREE M E N 85-89	1:04.71 GUS LANGNER 88	NO SWIMMERS
4:13.44 JIM PENFIELD 84	39.47 CLARENCE ROSS 85	100 YD. BRST M E N 85-89	50 YD. BACK M E N 95 +
4:50.19 JESSE COON 81	41.83 MAXWELL VOGT 86	2:04.28 AL KALLUNKI 90	1:08.20 TOM LANE 89
5:17.38 HARRY JAGGERS 84	42.49 GUS LANGNER 88	2:16.86 ABE OLANOFF 85	1:17.10 TOM LANE 97
6:01.42 JOHN H. WILLIAMS 81	43.72 ROLAND VANLILL 85	2:25.25 GUS LANGNER 88	100 YD. BACK M E N 95 +
50 YD. BRST M E N 80-84	45.20 JOE REINERS 89	200 YD. BRST M E N 85-89	3:05.81 TOM LANE 92
41.39 KELLEY LEMMON 92	46.08 HERB EISENSCHMIDT 85	4:34.29 AL KALLUNKI 90	3:05.81 TOM LANE 97
41.39 KELLEY LEMMON 80	46.95 PETER JURCZYK 86	4:57.27 ABE OLANOFF 85	50 YD. BRST M E N 95 +
48.74 DAN DOTTERWEICH 83	48.56 ABE OLANOFF 85	5:19.85 GUS LANGNER 88	1:27.94 TOM LANE 89
48.99 FREDERICK HAUFF 80	50.10 JOE KAUFMAN 87	5:37.79 ANDREW KALLUNKI 87	2:18.04 TOM LANE 97
50.34 JIM PENFIELD 83	53.32 HARRY JAGGERS 85	50 YD. FLY M E N 85-89	
52.33 WILLIAM MOLLOY 82	100 YD. FREE M E N 85-89	59.14 AL KALLUNKI 90	
53.27 WILLIAM MARQUETTE 83	1:27.45 GUS LANGNER 90	1:08.73 HERB EISENSCHMIDT 85	
55.90 JOHN GLENN 81	1:38.71 GUS LANGNER 88	1:12.00 ABE OLANOFF 85	
55.97 LARRY HART 80	1:44.80 ROLAND VANLILL 85	1:34.98 GUS LANGNER 88	
58.25 JESSE COON 81	1:52.39 PETER JURCZYK 86	100 YD. FLY M E N 85-89	
1:02.77 BERNARD SILBER 80	1:59.04 ABE OLANOFF 85	2:32.32 HERB EISENSCHMIDT 92	
100 YD. BRST M E N 80-84	2:00.55 JOE KAUFMAN 87	2:32.32 HERB EISENSCHMIDT 85	
1:32.72 KELLEY LEMMON 92	2:06.87 HARRY JAGGERS 85	100 YD. I.M. M E N 85-89	

# TOP TEN

## SHORT COURSE YARDS

*****				VAL VAN HORN PATE	29	SUSAN SKIFF	37	MARY POHLMANN	47
RELAYS: WOMEN 200 YD. FREE				CLAIBORNE BOLEK	28	DALE BARNHARD	44	CLARICE ROSSI	54
*****				JILL WALSH	32	MARCIA READ	37	ELIZABETH MOORE	57
19 +				ALICE PHILLIPS	26	ANN LYTTLE	44	IRENE DAVID	48
R:HOLMES LUMBER 92	1:38.68	U OF SAN FRAN	1:44.20	NEW ENGLAND MAS	1:53.54	SCAQ	2:20.59	SYLVIA GLENN	54
KIMBERLY BEATTIE		MICHELLE YOUNG	27	KATHRYN LYNCH	36	LINDA TEPE	45	JACQUELINE DUNLOP	61
MARY ROEBUCK		BETHANNE LAMBERT	25	PAMELA POWERS	41	PEGGY WHITER	48	RINCONADA	2:21.38
LINDA NEARY		LORETTA SOFFE	25	EILEEN CRAFFEY	40	CAROL REMEN	53	CINDY BAXTER	59
SUDI MILLER		KELLY ASPLUND	30	LAKE	1:54.25	BOBBIE CALLISON	59	SUE SPRINGER	53
HOLMES LUMBER J	1:38.68	WALNUT CREEK	1:44.33	MARY CHRIS CURL	35	55 +			
KIMBERLY BEATTIE	24	PAULA ROEMER	31	NANCY LEWIS	37	R:NEW ENGLAND 91	2:14.01	CLARA WALKER	
MARY ROEBUCK	30	CAREN MCNAMARA	31	A. WRIGHT-BELKNAP	41	BILLIE BURRILL		HARRIET FORKEY	
LINDA NEARY	28	PAM BOSCOVICH	29	JEAN HENDERSON	45	DIANE REED		ST PETE MASTERS	2:30.32
SUDI MILLER	25	SUSIE DUNCAN	25	TXA A	1:54.63	KATE KNIGHT PERRY	56	BEVERLEY TUCKER	57
DURHAM AQUATIC	1:42.19	CHAPEL HILL MAS	1:44.40	JAMIE STEWART	43	BARBARA ALLEN	58	JACQUELYN PIPER	55
LINDA SUHS	24	ALISON BROWN	30	CATHERINE DANIEL	42	DC MASTERS	2:31.48	BETTY BREY	60
SHEREEN BARRY	29	J.EDMUNDSON	28	C.FITZSIMMONS	38	BARBARA GLANCY	60	MATHILDE HUBER	64
PAMELA LINDROOS	26	C.ZEITHAML	39	K.TREBESINER	38	JAYNE BRUNER	58	WALNUT CREEK	2:31.91
TERESA ZURICK	26	LISA O'DELL	26	EMPIRE STATE	1:54.87	SALLY MORNER	55	SALLY MORNER	55
U OF SAN FRAN	1:43.06	NIAGARA MASTERS	1:44.87	JILL FRIEDMAN	35	DONNA MONROE	58	DONNA MONROE	58
JENNIFER SADLER	20	DEBORAH DOURLAIN	30	CHRISTINE ZIMMET	44	BETTY BARABASH	63	BETTY BARABASH	63
CYNTHIA HINSHAW	23	CAROLYN KOSTER	30	JANE KATZ	49	JOAN ALEXANDER	60	JOAN ALEXANDER	60
JANET HAUER	23	WENDY RYAN	34	KAREN FARNSWORTH	36	SACRAMENTO	2:39.34	KATHY ISERI	59
BRENDA WICKLUND	23	DEENA CROSSMORE	27	ST PETE MASTERS	1:55.12	KATHY ISERI	59	BARBARA BENTY	60
RALEIGH AREA MA	1:44.18	LINCOLN MASTERS	1:45.50	JUDY STEFANICK	41	BARBARA BENTY	60	ELLEN VOSE	62
JILL BENDA	23	ADRIANNE HAMPO	27	LISA ROSS	37	DOT WERRY	55	DOT WERRY	55
LISA BROWN	21	MARY GUTHRIE	27	TERRI HOPPENRATH	35	HOLMES LUMBER J	2:45.33	FLORENCE CARR	66
SHELLIE JOANIS	24	DIANE BARRY	33	ANNE PAGE	43	FLORENCE CARR	66	SYLVIA EISELE	62
COURTNEY SEARCY	24	BECKY HELLER	28	45 +		JUNE REYNOLDS	70	JUNE REYNOLDS	70
VIRGINIA MASTER	1:46.24	EMPIRE STATE	1:45.54	R:TAMALPAIS 89	1:55.87	JOAN GLARATON	64	JOAN GLARATON	64
ROBIN HAMPTON	25	AVERY MEYERS	25	CHARLOTTE JENKINS		U OF SAN FRAN	3:00.75	MARY ALLEN	59
CAYCEE BUSCAGLIA	27	MARCIA CLEVELAND	28	ANGELA KONIG		MARY ALLEN	59	GAIL ROPER	62
MARIA VELIKONJA	34	CHERYL KUPAN	27	SPERRY RADEMAKER		MARGARET VORHEES	63	MARGARET VORHEES	63
PAULA JONES	23	ROBIN MOLESE	28	NANCY RIDOUT		ANN RECCHIA	69	ANN RECCHIA	69
MARYLAND	1:46.56	CONNECTICUT MAS	1:46.03	DC MASTERS	1:59.63	WALNUT CREEK	3:04.15	WALNUT CREEK	3:04.15
ANNE SCHULTE	22	ELIZABETH FRY	33	BARBARA FRID	50	YOLANDA HOSS	58	YOLANDA HOSS	58
DEBORAH ZIMIC	29	KATHERINE BRANCH	34	RUTH BENNETT	45	JEAN DUNCAN	58	JEAN DUNCAN	58
JEAN GONNELLA	23	CHRIS KELLEY	33	ANN SVANSON	46	CORALEE BIDWELL	64	CORALEE BIDWELL	64
SUSAN BRENNAN	25	J.KEOGH-BERGETHON	28	NANCY KIRKENDALL	49	ANN PISCIOTTA	60	ANN PISCIOTTA	60
H2OUSTON SWIMS	1:47.32	SWAM B	1:46.98	MARYLAND	2:02.47	LINCOLN MASTERS	3:08.67	LINCOLN MASTERS	3:08.67
SHERRI WELDON	21	KRISTIN HENDERSON	31	LYNNE BRAGG	45	JEANETTE FRENZER	55	JEANETTE FRENZER	55
ANNE BERNHARD	27	KARYN HEANEY	27	MARILYN LUMPKIN	48	SHIRLEY KOCH	59	SHIRLEY KOCH	59
LESLIE RONACHER	27	JULIE MALCOLM	31	NANCY BROWN	55	MILDRED KARGER	63	MILDRED KARGER	63
STACY JONES	26	MOLLY BURNS	26	MARJORIE BURLEY	46	RITA COSTELLO	69	RITA COSTELLO	69
NEW ENGLAND	1:48.13	35 +		H2OUSTON SWIMS	2:08.75	CATM	3:15.67	CATM	3:15.67
JODY MATTULKE	33	R:NEW ENGLAND 92	1:43.16	TRUDY ASHWORTH	45	WINNIE WALTERS	70	WINNIE WALTERS	70
STEPHANIE KOZOWYK	22	JOEL FELDMAN		SANDY CATTARIN	52	ALICE YUNGERT	64	ALICE YUNGERT	64
SALLIE MORGAN	22	SUE TENDY		GINNY SIMMONS	51	ELLEN BOWEN	67	ELLEN BOWEN	67
IRENE SUMBERA	29	JENNY LUKER		LESLIE SMITH	51	NANCY DURSTEIN	62	NANCY DURSTEIN	62
LINCOLN MASTERS	1:49.64	GAYLE WETTACH		VIRGINIA MASTER	2:09.02	OJAI	3:26.44	OJAI	3:26.44
LIESL SMITH	27	NEW ENGLAND MAS	1:43.16	JUDY DECKER	49	MAGGIE MORS	66	MAGGIE MORS	66
JENNIFER JOHNSON	23	JOEL FELDMANN	40	BETSY DURRANT	50	ELEANOR BROWN	66	ELEANOR BROWN	66
MARY VASTERLING	25	SUE TENDY	43	JOHNNIE DETRICK	56	RUTH FARNHAM	62	RUTH FARNHAM	62
C.STONESIFER	39	JENNIFER LUKER	35	LUCILLE GRIFFIN	53	JENNIE TAYLOR	74	JENNIE TAYLOR	74
MINNESOTA	1:49.73	GAYLE WETTACH	35	DC MASTERS	2:10.36				
SHEILA HORMANN	23	PALMETTO MASTER	1:49.46	TANNA ANDERSON	45				
AMY COULTER	28	KATIE MCNAMARA	37	JOANN LEILICH	53				
MOLLY MCSHANE	43	JANET PESAVENTO	40	VICKIE CONNOLLY	48				
BETH BJORK	29	ALICE SANDER	35	JUDY MICHEL	45				
25 +		SUSAN BLATTNER	35	RALEIGH AREA MA	2:11.43				
R:LONE STAR 89	1:37.40	SOUTHERN CALIFO	1:51.45	JEANNE KOGER	48				
LISA JACKSON		BONNIE ADAIR	39	DAWN STROUPE	53				
BRIGITTE HEUER		KAREN MELICK	35	M.EVERY	51				
L.MORRISON-CASEY		SHANNON SULLIVAN	37	CEIL BLACKWELL	51				
AMY PLESS		LINDA TEPE	45	LINCOLN MASTERS	2:13.98				
COLONIALS "1776	1:43.60	COLONIALS "1776	1:52.57	CAROL SCHMIDT	45				
LIZ HOBBS	30	DOT MUNGER	40	MAUREEN KENSICK	50				
DIANE MUNTZER	29	PATRICIA WALSH	36	DIANNE SHERWOOD	51				
PATTY LYNCH	30	DEBORAH CAIN	35	COLLEEN MALMEN	48				
MARTHA BENT	32	SUSAN ROSE	37	LINCOLN MASTERS	2:20.37				
VIRGINIA MASTER	1:44.06	DC MASTERS	1:52.88						

# TOP TEN

## SHORT COURSE YARDS

65 +			LISA NADLER	33	ANNE SCOTT	29	SHIRLEY LOFTUS	40
R:SANTA BARBARA	89	2:24.64	U OF SAN FRAN	1:58.15	COLONIALS "1776	2:00.38	NEW ENGLAND MAS	2:11.57
SHIRLEY ERICKSON			CYNTHIA HINSHAW	22	LIZ HOBBS	30	SUE TENDY	43
GRACE ALTUS			BETHANNE LAMBERT	24	PATTY LYNCH	30	EILEEN CRAFFEY	40
DOROTHY LA CHASSE			NATALIE EFFA	24	DIANE MUNTZER	29	KATHRYN LYNCH	36
RUTH BAAR			JANET HAUER	23	MARTHA BENT	32	PAMELA POWERS	41
HOLMES LUMBER J		2:43.54	EMPIRE STATE(YW	1:58.84	VIRGINIA MASTER	2:00.52		
FLORENCE CARR		66	KAREN FARNSWORTH	35	CAYCEE BUSCAGLIA	27	45 +	
GERTRUD ZINT		74	ROBIN MOLESE	28	ALICE PHILLIPS	26	R:D C MASTERS	91 2:12.67
JUNE REYNOLDS		70	CHERYL KUPAN	27	JILL WALSH	32	NANCY KIRKENDALL	
MARJORIE NEWMAN		68	DENISE DEPPELER	24	VAL VAN HORN PATE	29	JOANN LEILICH	
WALNUT CREEK		3:09.96	H2OUSTON SWIMS	2:00.04	MARYLAND	2:00.60	JOAYNE BRUNER	
PAT PREVETZ		70	STACY JONES	26	DEBORAH ZIMIC	29	ANN SVANSON	
JAE HOWELL		69	LESLIE RONACHER	27	DENISE FRECH	30	DC MASTERS	2:14.61
JEAN DURSTON		77	ANNE BERNHARD	27	BARBARA BISHOP	29	BARBARA FRID	50
SALLY JOY		75	SHERRI WELDON	21	ANNE SCHULTE	33	JOANN LEILICH	53
SAN MATEO		3:16.12	VIRGINIA MASTER	2:01.80	RALEIGH AREA MA	2:01.13	ANN SVANSON	46
ZADA TAFT		72	ROBIN HAMPTON	25	CAROLINE SILVER	29	NANCY KIRKENDALL	49
AUDREY ETIENNE		75	PAULA JONES	23	LAURA VANDERBERG	25	MARYLAND	2:18.67
HILDA BUEL		78	MARIA VELIKONJA	34	LIZ KURZAWA	25	LYNNE BRAGG	45
HELEN ROUMASSETT		76	CLAIBORNE BOLEK	28	SUSAN HAUGH	30	MARILYN LUMPKIN	48
WISCONSIN MASTE		3:23.74	TXA A	2:01.90			MARJORIE BURLEY	46
JOSEPHINE PALLIN		72	DANA DUTCHER	24	35 +		NANCY BROWN	55
FRAN ZEUMER		71	AMY MCANDREW	25	R:NEW ENGLAND	92 1:59.53	VIRGINIA MASTER	2:24.79
MARY SIEBOLD		75	K. TREBESINER	38	JOEL FELDMAN		LUCILLE GRIFFIN	53
BETTY KENDALL		71	ALICE HORN	26	ANN MCDERMOTT		BETSY DURRANT	50
VIRGINIA MASTER		3:38.00	HOST A	2:02.91	JENNY LUKER		JUDY DECKER	49
VICTORIA HARRIS		72	TORI SMITH	26	GAYLE WETTACH		JOHNNIE DETRICK	56
E.WOLENBERG		71	NAN WHITE	23	NEW ENGLAND MAS	1:59.53	H2OUSTON SWIMS	2:27.43
ROBERTA SUGDEN		75	JUDY SMITH	22	JOEL FELDMANN	40	LESLIE SMITH	51
MARIE KELLEHER		79	K.K. HARRIS	37	ANN MCDERMOTT	37	TRUDY ASHWORTH	45
PNA		3:53.97	EMPIRE STATE(CU	2:02.91	JENNIFER LUKER	35	SANDY CATTARIN	52
PAT MATTHIESON		75	A. MEKHJIAN	22	GAYLE WETTACH	35	GINNY SIMMONS	51
LEE HOLM		77	M. ABODEELY	22	COLONIALS "1776	2:01.02	EMPIRE STATE	2:30.34
MARION MUELLER		80	C. MCVEY	22	SUSAN ROSE	37	JANE KATZ	49
MAXINE CARLSON		72	E. GORRY	24	DOT MUNGER	40	ALICE JONES	54
RALEIGH MASTERS		4:11.55			STEPHANIE WALSH	42	JANE ALPERT	45
BETTE HOFFMAN		72	25 +		DEBORAH CAIN	35	JOAN CAMPBELL	62
BUZ CATLIN		77	R:HOUSTONIAN	91 1:49.19	PALMETTO MASTER	2:01.91	LINCOLN MASTERS	2:31.18
BETTY ETCHELL		81	TORI SMITH		KATIE MCNAMARA	37	MARY POHLMANN	47
JUDY KELLY		66	CORRIN CONVIS		JANET PESAVENTO	40	CLARICE ROSSI	54
			DEBBIE RISEN		ALICE SANDER	35	IRENE DAVID	48
75 +			BRIGITTE HEVER		SUSAN BLATTNER	35	ELIZABETH MOORE	57
R:ST PETE	89	3:54.91	GEORGIA MASTERS	1:52.35	SOUTHERN CALIFO	2:05.05	RALEIGH AREA MA	2:31.62
ELLEN WALBOLT			LINDLEY DOUGHTY	33	TIA STACK	38	CEIL BLACKWELL	51
CELIA BALLARD			PAMELA BIRSINGER	27	KAREN MELICK	35	M.EVERY	51
MARIAN MCKECHNIE			AMY PLESS	29	BONNIE ADAIR	39	JEANNE KOGER	48
WIN KENNEDY			BETH GARDNER	26	SHANNON SULLIVAN	37	DAWN STROUPE	53
NO RELAY TEAMS			EMPIRE STATE	1:57.12	DC MASTERS	2:07.82	DC MASTERS	2:37.70
*****			MARCIA CLEVELAND	28	MARCIA READ	37	VICKIE CONNOLLY	48
RELAYS: WOMEN 200 YD. MEDLEY			ROBIN MOLESE	28	JAYNE BRUNER	58	MAUREEN LINDSEY	45
*****			CHERYL KUPAN	27	SUSAN SKIFF	37	RUTH BENNETT	45
19 +			AVERY MEYERS	25	ANN LYTTLE	44	BARBARA ZAREMSKI	54
R:RALEIGH	92	1:52.20	SAN DIEGO SWIM	1:59.06	EMPIRE STATE	2:08.10	ST PETE MASTERS	2:42.69
COURTNEY SEARCY			ANDREA L VERDIN	28	KAREN FARNSWORTH	36	MARY LOU LEE	50
LISA BROWN			MARTHA M KITCH	27	JILL FRIEDMAN	35	ELAINE BROMWICH	49
SHELLIE JOANIS			C.W THOMPSON	36	CHRISTINE ZIMMET	44	JAYNE LAMBKE	52
JILL BENDA			BETH L KNIGHT	32	GWEN DEELY	42	SANDY STEER	52
RALEIGH AREA MA		1:52.20	DURHAM AQUATIC	1:59.48	CONN	2:08.33	SCAQ	2:44.63
COURTNEY SEARCY		24	SHERYL WATKINS	27	JERIANNE DONNELLY	42	PEGGY WHITER	48
LISA BROWN		21	PAMELA LINDROOS	26	CHRISTIE SLIMAK	44	SYLVIA GLENN	54
SHELLIE JOANIS		24	DARCY TYRRELL	27	DEBBIE STEPHEN	39	LINDA TEPE	45
JILL BENDA		23	TERESA ZURICK	26	DONNA NEARY	36	JACQUELINE DUNLOP	61
HOLMES LUMBER J		1:52.94	NIAGARA MASTERS	1:59.56	ST PETE MASTERS	2:10.56		
SUDI MILLER		25	DEBORAH DOURLAIN	30	JUDY STEFANICK	41	55 +	
MARY ROEBUCK		30	CAROLYN KOSTER	30	LISA ROSS	37	R:NEW ENGLAND	91 2:33.85
LINDA NEARY		28	WENDY RYAN	34	ANNE PAGE	43	CLARA WALKER	
KIMBERLY BEATTIE		24	DEENA CROSSMORE	27	TERRI HOPPENRATH	35	DONNA EDELBAUM	
DURHAM AQUATIC		1:58.00	DAVIS AQUATIC	2:00.21	VIRGINIA MASTER	2:11.20	HARRIETT FORKEY	
LINDA SUHS		24	CHRIS CHICHESTER	28	TERRY GAULT	41	DIANE REED	
HEIDI WENCEL		23	CHRIS WINN	25	PATRICIA CHAPPELL	37	HOLMES LUMBER	3:15.06
SHEREEN BARRY		29	MELISSA BEATY	34	JEANNE CROUSE	35	MARJORIE NEWMAN	68



# TOP TEN

## SHORT COURSE YARDS

JUNE REYNOLDS	69	LINCOLN MASTERS	4:20.46	OMAHA	4:56.94	CHARLOTTE JENKINS	
GERTRUD ZINT	74	JILL DUSTHIMER	22	JANET FITZAKERLEY	29	NANCY RIDOUT	
SYLVIA EISELE	62	KAREN SCHOENHALS	23	ERIN SULLIVAN	34	O*H*I*O MASTERS	5:46.11
NIAGARA	3:21.78	CAROL ANN PAVELKO	30	TRISH HARTIGAN	37	PRUDENCE HALL	54
I. D'AGOSTINO	65	MOLLY O'MEARA	24	SUSAN NEEDHAM	31	LUISE EASTON	53
JOYCE LINDLEY	55	WINSTON SALEM	4:21.46	SCAQ C	5:10.10	NANCY WAITE	57
BETTY DUNN	67	BETH HARRELL	32	CYNTHIA GODLEWSKI	34	DORIS LOCKER	48
DOLLY HINCLEY	61	LAURIE WATSON	30	PEGGY CARON	25	ST PETE MASTERS	5:46.59
ST PETE MASTERS	3:25.36	KIM CORMIER	19	SANDY SALEM	25	JACQUELYN PIPER	54
MARY BOAZ	63	DIANA PECK	31	KATE HUTTLESTON	32	SANDY STEER	52
JACQUELYN PIPER	55	BINGHAMTON	4:27.13	MAD-TOWN AQUATI	5:21.14	BARBARA ALLEN	58
KATE KNIGHT PERRY	56	LORA BRADSHAW	30	KATE M.T. BLOOD	41	JAYNE LAMBKE	52
BARBARA ALLEN	58	JILL MCSHANE	23	KAREN CLAUFF	29	SCAQ	5:54.39
CATM	3:42.63	BRENDA JEPHSON	32	DEBORAH LOWE	27	SYLVIA GLENN	54
NANCY DURSTEIN	62	NANCY CONANT	36	CHARI HAGLIN	41	LINDA TEPE	45
ELLEN BOWEN	67	SCAQ	4:56.71	SOUTH BAY	5:23.17	BARBARA MC DOWELL	47
WINNIE WALTERS	70	TIA STACK	38	CHRISTINE BAXTED	28	PEGGY WHITER	48
ALICE YUNGERT	64	SANDY SALEM	24	CATHY MANZ	28	HEARTLAND S A M	6:43.09
LINCOLN MASTERS	3:54.95	PEGGY CARON	25	VICKY MORAN	35	MARILYN A RAMEY	51
MILDRED KARGER	63	IVEY BURTON	28	KARINA BIRD	26	NANCY L REED	64
LOIS MADSEN	59	CRAW	4:58.99			ELFRIEDE R LEHTO	58
SHIRLEY KOCH	59	DENISE THOMPSON	19	35 +		ANN J MARTIN	62
RITA COSTELLO	69	NANNETTE CHERI	35	R:LOS ALTOS	89 4:06.91		
		GIGI GRIMES	38	C.FERRIS-JOHNSON		55 +	
65 +		TINA THOMPSON	21	THERESA HESSLER		R:WALNUT CREEK	91 5:30.85
R:SANTA BARBARA	89 2:55.36	AIR FORCE	5:02.95	LAURA VAL		DONNA MONROE	
DOROTHY LA CHASSE		KIM ARATA	31	KATHY GRIGGS		ANN PISCIOTTA	
SHIRLEY ERICKSON		SHERRI CLEAR	24	LINCOLN MASTERS	4:45.08	BETTY BARARASH	
GRACE ALTUS		ALEXANDRA FABBRO	28	HEIDI REMAK	39	ELFREIDE ROGERS	
RUTH BAAR		KELLY LAZERTON	30	PATRICIA BRUMMET	46	NO RELAY TEAMS	
HOLMES LUMBER J	3:07.18	LINCOLN MASTERS	5:15.97	NANCY SANDS	40		
MARJORIE NEWMAN	68	PAULA CRIEL	39	KATHLEEN RODERER	36	65 +	
GERTRUD ZINT	74	JACKIE DESCHER	48	INLAND EMPIRE	4:45.70	R:SANTA BARBARA	89 5:32.88
FLORENCE CARR	66	DEBRA MUELLER	32	CAROLYN KENT	46	SHIRLEY ERICKSON	
JUNE REYNOLDS	70	AUDRA ALGMINAS	24	ROBIN DURANT	36	GRACE ALTUS	
DC MASTERS	3:41.39			ELIN ZANDER	38	RUTH BAAR	
ANNE WALKER	76	25 +		MARGARET HAIR	37	DOROTHY LA CHASSE	
HELEN HUMMER	72	R:WALNUT CREEK	91 3:37.75	SCAQ E	4:46.98	PNA	8:11.04
LORRAINE MURPHY	73	CAREN LEWIS		BONNIE ADAIR	39	PAT MATTHIESEN	75
NANCY CLARK	77	PAULA KOGNER		MARY HICKEY	35	MARYAN BURKE	66
PNA	4:01.99	WENDY INGRAHM		TIA STACK	38	MAXINE CARLSON	72
MARION MUELLER	80	SARA SHAND		MELINDA KALIN	35	MARION MUELLER	80
MARYAN BURKE	66	DURHAM	3:58.21	LINCOLN MASTERS	5:07.61	*****	
PAT MATTHIESEN	75	SHEREEN BARRY	28	JOAN KOSIEK	37	RELAYS: WOMEN 400 YD. MEDLEY	
MAXINE CARLSON	72	DARCY TYRELL	27	CAROL WILDERTAMME	39	*****	
		TERESA ZURICK	26	ARLENE OVERHEU	41	19 +	
75 +		ANN TYREY	26	PATRICIA SCHENKEL	36	R:U OF SAN FRAN	92 4:10.11
R:ST PETE	90 5:14.33	LINCOLN MASTERS	4:07.40	LINCOLN MASTERS	5:22.45	CYNTHIA HINSHAW	
MARIAN MCKECHNIE		BECKY HELLER	27	CYNTHIA BABLER	38	JANET HAUER	
RIA MAE MANN		KARA HUGHES	28	LAURA DUNN	40	NATALIE EFFA	
WIN KENNEDY		JENNY LENHART	26	JILL LEWIS	42	JENNIFER SADLER	
ELLEN WALBOLT		ADRIANNE HAMPO	27	NANCY BACKAS	36	U OF SAN FRAN	4:10.11
NO RELAY TEAMS		NEAR NORTH Y'S	4:35.02	SCAQ F	5:39.66	CYNTHIA HINSHAW	22
*****		AUDREY TODD	31	MARLENE MATTIS	36	JANET HAUER	23
RELAYS: WOMEN 400 YD. FREE		GABRIELA BARBOSA	30	CAROLE HACQUEBORD	37	NATALIE EFFA	24
*****		MARY ADAMS	32	GEORGIA BELLER	43	JENNIFER SADLER	20
19 +		TONI CURRIER	34	RUTH GRAF	36	DAVIS AQUATICS	4:24.01
R:U OF SAN FRAN	91 3:52.34	GOST	4:38.69	OMAHA	5:46.80	CHRIS CHICHESTER	28
LORETTA SOFFE		LAURA KESSLER	31	MARIANA PHIPPS	47	CHRIS WINN	25
JILL ASCH		SUSAN BLOOMFIELD	31	JUDY KENNEDY	54	MELISSA ZAHARIAS	23
KATHY LONG		LISA SWINEFORD	30	JANE OBERG	54	ANNE SCOTT	29
MARY LEE		BARBARA UIBLE	40	MARY PAT MOELLER	42	U OF SAN FRAN	4:32.03
EMPIRE STATE(CU)	3:53.45	EMPIRE STATE(MP)	4:39.56	BOLT	7:23.17	NANCY MCILVAINE	24
C. MCVEY	22	S. RAGUE	41	ROSEMARY KARIKER	71	TERESA O'NEILL	30
E. GORRY	24	P. ROBISON	35	LYNNE ZAK	52	ANNIE IANTOSCA	23
A. MEKHJIAN	22	K. HINES	26	BETTY RUSSO	59	BRENDA WICKLUND	23
M. ABODEELY	22	C. JAENISH	31	ELLEN HALL	40	PNA	4:34.92
EMPIRE STATE(YW)	3:53.67	LINCOLN MASTERS	4:40.97			MEG LLOYD	30
K. FARNSWORTH	35	RHONDA LITT	25	45 +		NANCY CAHILL	34
C. KUPAN	27	SARAH CREWE	30	R:TAMALPAIS	89 4:38.18	DEBORAH LADD	32
R. MOLESE	28	JULIA MEGLEY	29	ANGELA KONIG		PAMELA STALTER	24
D. DEPPELER	24	NANCY SCHULTZ	32	LAVERNE ADAMS		SCAQ	4:37.33

# TOP TEN

## SHORT COURSE YARDS

LISA CHANG	24	J. LESYNA	25	45 +		*****
CHRIS MC PHERSON	24	M. WHEELER	35	R:TAMALPAIS	90 5:24.17	19 +
SARAH TURNER	30	H. LOWLES	25	ANGELA KONIG		R:U OF SAN FRAN 92 8:12.80
C. JOHNSON	24	S.PANOUSIS	25	RUTH WINN		JENNIFER SADLER
U OF SAN FRAN	4:40.38	TEMESCAL AQUATI	5:02.20	NANCY RIDOUT		NATALIE EFFA
BARBARA DONDERO	34	CONNIE RYDBERG	25	CHARLOTTE JENKINS		JANET HAUER
DANA SILKENSEN	27	THEA VAUGHN	30	LOS ALTOS	5:51.81	CYNTHIA HINSHAW
MARY LEE	22	WENDY JAMES	26	GRACE VOSS	49	U OF SAN FRAN 8:12.80
MICHELLE WOODS	27	JUDY SARNA	45	ARLENE PROEBSTING	49	JENNIFER SADLER 20
ALMADEN SWIM	4:53.26	SOUTH BAY	5:04.17	CAROLYN BOAK	46	NATALIE EFFA 24
J. LESYNA	24	SARAH PAGE	27	ANN ONTON	48	JANET HAUER 23
K. BAERWALDT	28	J.SANTILLANO	39	RINCONADA	6:02.18	CYNTHIA HINSHAW 22
H. LOWLES	25	MARCIA BARRY	43	SUE SPRINGER	53	PNA 8:57.12
S. PANOUSIS	22	SUSAN STOHRER	28	CINDY BAXTER	59	ZENA HERRMANN 32
WALNUT CREEK	4:55.65			BOBBIE CALLISON	59	TAMMI KEELER 23
COLLEEN HAZLETT	28	35 +		CAROL REMEN	53	DEBBIE FALSGRAF 27
KIM COLLENTINE	25	R:LOS ALTOS	90 4:38.42	ST PETE MASTERS	6:14.62	MARIA BUSKE 30
DEBBIE BARBER	28	LAURA VAL		BARBARA ALLEN	58	U OF SAN FRAN 9:14.68
ALMA DELAMELENA	24	CATHY SHULBACH		SANDY STEER	52	NATASHA ISGUR 20
CHICO MASTERS	4:58.89	CAROLYN BOAK		ELAINE BROMWICH	48	MARY LEE 22
LESLIE RAFOTH	34	THERESA HESSLER		JACQUELYN PIPER	54	NANCY MCILVAINE 24
HELINE LEVINE	33	SCAQ	4:38.55	SACRAMENTO	6:22.56	LYNN GARRISON 30
C.PANIGHETTI	41	TIA STACK	38	KATHY ISERI	59	CRAW 9:54.26
DIANA BEREXA	24	SHANNON SULLIVAN	37	JEAN PRITCHETT	51	BELINDA FULLER 39
MT. VIEW MASTER	5:08.49	BARBARA HELD	38	DOT WERRY	55	TINA THOMPSON 21
CINDY FULMER	31	BONNIE ADAIR	39	ELLEN VOSE	62	KRISTIN POST 23
MO CHAMBERS	33	WALNUT CREEK	4:39.27	IEM	6:34.78	DENISE THOMPSON 19
KIMBERLY HOFF	21	PATTY LANDERS	35	LINDA ELY	46	
LINDA GLAVE	25	SUSAN WISTI	36	SANDY MCCOY	47	25 +
		DEBBIE FLANSBURG	36	CAROLYN KENT	46	R:WALNUT CREEK 91 8:13.04
		CHARLENE O'BRIEN	35	DONNA MESSENGER	49	WENDY INGRAHM
25 +		LOS ALTOS	4:53.70	ALMADEN SWIM	6:40.05	DEBBIE BARBER
R:U OF SAN FRAN 92	4:09.85	LAURA VAL	40	M. BLISS	45	SUZY HANSEN
JILL ROTHKOPF		CATHY SCHULBACH	38	M. HEATH	54	SARA SHAND
BETHANNE LAMBERT		KRISTI KING	44	M. FARNSWORTH	51	U OF SAN FRAN 8:27.52
LORETTA SOFFE		VICTORIA KING	39	M. SMITH	46	LORETTA SOFFE 25
KELLY ASPLUND		U OF SAN FRAN	5:04.25	U OF SAN FRAN	6:48.26	MICHELLE WOODS 27
U OF SAN FRAN	4:09.85	PHYLLIS QUINN	36	PAM LEVINSON	48	JILL ROTHKOPF 27
JILL ROTHKOPF	25	CATHY HUANG	36	BARBARA LAMBERTO	47	LYNN JOLLY 26
BETHANNE LAMBERT	25	DIANE DAVIS	35	DOROTHY REMINGTON	46	WALNUT CREEK 8:51.34
LORETTA SOFFE	25	MARY SAAL	37	NANCY STRETCH	52	PAM BOSCOVICH 29
KELLY ASPLUND	30	RINCONADA	5:22.96			DEBBIE BARBER 29
SAN DIEGO SWIM	4:16.08	KATHERINE BASS	40	55 +		LAURIE KILMARTIN 26
ANDREA L VERDIN	28	NANETTE STRINGER	39	R:RINCONADA	88 6:11.61	SUSIE DUNCAN 26
MARTHA M KITCH	27	REBECCA PINTO	37	NAN BLACKLEDGE		TAMALPAIS 8:52.20
C.W THOMPSON	36	JUDITH SCHWARTZ	37	CINDY BAXTER		OLIVIA MOORE 32
BETH L KNIGHT	32	SAN MATEO	5:55.14	BOBBIE CALLISON		SHARON SALTZMAN 33
WALNUT CREEK	4:17.89	DONNA DUNNE	44	SALLY SCHOLER		POLLY MORSE 31
PAM BOSCOVICH	27	APRIL MANGER	38	WALNUT CREEK	6:17.96	SUZANNE HEIM 33
LAURIE KILMARTIN	25	RO MCNALLY	44	BETTY MCMILLAN	62	DAVIS AQUATIC 8:52.75
CAREN MCNAMARA	31	MARIE SIDDONS	44	YOLANDA HOSS	58	CHRIS CHICHESTER 28
PAULA ROEMER	31	U OF SAN FRAN	5:55.58	JOAN ALEXANDER	59	SHARON BLAHA 31
U OF SAN FRAN	4:33.64	B.BRINKERHOFF	40	DONNA MONROE	58	MELISSA BEATY 35
MICHELLE YOUNG	27	CELIA DEMARTINI	40			CHRIS WINN 25
CAROL BADGER	32	MICHELLE SHIELDS	35	65 +		U OF SAN FRAN 9:15.22
LYNN JOLLY	26	ANNE SASAKI	42	R:SANTA BARBARA	89 6:47.55	CAROL BADGER 32
MARTHA OLSEN	32	U OF SAN FRAN	5:55.73	DOROTHY LACHASSE		BLYTHE EBBERT 32
LOS ALTOS	4:36.83	LORIE EPLING	41	SHIRLEY ERICKSON		MARTHA OLSEN 32
CINDY MCCOLL	32	HOPE EDINBURGH	37	GRACE ALTUS		NANCY MYERS 29
KATIE STETTIER	26	JOAN HILTON	40	RUTH BAAR		U OF SAN FRAN 9:34.42
LESLIE CHEQUER	26	MEGAN HAIGHT	41	WALNUT CREEK	7:58.81	TERESA O'NEILL 30
DARBY ELLEMAN	31	OMAHA	6:02.03	SALLY JOY	75	ANN CLARK 34
TAMALPAIS	4:38.29	JUDY KENNEDY	54	JAE HOWELL	66	KAREN ABLARD 26
SUZANNE HEIM	33	MARIANA PHIPPS	47	JEAN DURSTON	75	DANA SILKENSEN 27
SUZIE DODS	32	JANE OBERG	54	PAT PREVETZ	70	U OF SAN FRAN 11:04.62
OLIVIA MOORE	32	MARY PAT MOELLER	42	SAN MATEO	8:34.98	TRACY STEWART 30
SHARON SALTZMAN	33	ALMADEN	6:21.38	HELEN ROUMASSETT	76	CATHY OLSEN 39
U OF SAN FRAN	4:45.76	M. WHEELER	35	HILDA BUEL	78	TRACY RANKIN 29
NAMCY MYERS	30	C. KNOTT	42	ZADA TAFT	72	E. IATOROLA 29
SOPHIE OSBORNE	30	J. RESLER	42	AUDREY ETIENNE	75	GOST 11:20.09
BLYTHE EBBERT	32	G. VANDERKAM	42	*****		SARA SACHS 46
LYNN GARRISON	30			RELAYS: WOMEN 800 YD. FREE		PAT MALEY 48
ALMADEN SWIM	4:56.26					

# TOP TEN

## SHORT COURSE YARDS

LAURA KESSLER	31	ANN RICHARDSON	50	WALNUT CREEK	1:29.61	CHAPEL HILL MAS	1:29.51
M.KADKHODAYAN	28	FLO BARICH	51	JIM FEGAN	26	SEAN DOWD	31
SANTA CRUZ	16:34.21	DOROTHY REMINGTON	45	JOHN MURPHY	28	MARK TOMMERDAHL	33
MARGUERITE MEYER	33	BARBARA LAMBERTO	47	BRENDEN WREN	24	MA'TE' WIERDL	33
MARGERY MEYER	69			GREG REMMERT	29	THOMAS DAVIS	34
TISHA PORADY	26	55 +		CALTECH	1:31.62		
ANNE HEMINGTON	30	R:WALNUT CREEK 91	12:01.67	STEVE LOWE	34	35 +	
		DONNA MONROE		CASEY HOLCOMB	24	R:LONE STAR 90	1:25.72
35 +		ELFRIEDE ROGERS		WILLIAM DOUPE	29	JAMES MONTGOMERY	
R:LOS ALTOS 90	8:52.11	JOAN ALEXANDER		MATT WOOD	31	RICHARD HESS	
LAURA VAL		ANN PISCIOTTA		LINCOLN MASTERS	1:31.76	TRIP HEDRICK	
CAROLYN BOAK		WALNUT CREEK	12:05.97	GREG WIEMERS	24	DAVID HAGUE	
DEE HAYRIE		BETTY BARABASH	63	MARK TOWNSEND	24	COLONIALS "1776	1:27.75
CATHY SCHULBACH		DONNA MONROE	58	STEVE KOPPLIN	33	ROBERT KROTEE	37
U OF SAN FRAN	9:23.21	ANN PISCIOTTA	61	DAN DUMFORD	24	JOHN CULHANE	36
PHYLLIS QUINN	36	JOAN ALEXANDER	60	H2O A	1:31.97	MARK SCHUMAN	36
CATHY HUANG	37	U OF SAN FRAN	14:50.43	RUSS KNEIPP	23	PETER MUNGER	40
DIANE DAVIS	35	GAIL ROPER	62	RANDY MERTES	29	ROCKY MOUNTAIN	1:29.09
MARY SAAL	38	SARAH DAVIS	68	DAVID GUTHRIE	31	RUSSELL MARSH	36
WALNUT CREEK	9:45.73	PHIZ MEZEY	66	JEFF HOLBROOK	33	CHUCK FISCHER	40
DEBBIE FLANSBURG	36	MARGARET VOORHEES	63			MICHAEL MANN	37
PATTY LANDERS	35			25 +		TOM WHATLEY	40
CHARLENE O'BRIEN	35	65 +		R:HOUSTONIAN CLUB90	1:23.34	VIRGINIA MASTER	1:30.71
APRIL DORMAN	41	R:SANTA BARBARA 89	12:14.80	JOHN SMITH		LOUIS TUDOR	36
COLONIALS 1776	10:37.23	SHIRLEY ERICKSON		JEFF FREY		LANG MEEM	37
MARY ANN MCCLAIN	50	GRACE ALTUS		CLAY BRITT		SEAN WEBB	40
PATRICIA TIMMINS	37	RUTH BAAR		SAM SEIPLE		JOE KERNAN	37
LINDA COLLINS	37	DOROTHY LA CHASSE		HOST A	1:25.24	SOUTHERN CALIFO	1:31.46
JOANNE KANE	35	WALNUT CREEK	16:30.81	ROBERT KILLEEN	29	CLAY EVANS	38
U OF SAN FRAN	10:51.33	PAT PREVETZ	70	LANCE GORDON	35	JAMES BELARDI	35
B.BRINKERHOFF	40	SALLY JOY	75	JEFF FREY	30	KENNETH MIRCH	36
ANNE SASAKI	42	JEAN DURSTON	77	JOHN SMITH	30	MICHAEL HEATHER	38
MICHELLE SHIELDS	35	CORALIE BIDWELL	65	WALNUT CREEK	1:25.90	DC MASTERS	1:31.96
ANN DOERR	39	*****		DAVE CADEMATORI	25	MATTHEW KANZLER	35
U OF SAN FRAN	11:28.25	RELAYS: M E N 200 YD. FREE		TOM MONTOYA	25	EDWARD KENEHAN	41
HOPE EDINBURGH	35	*****		STEVE STAHL	27	JAMES FURLONG	37
BARBARA BYRNES	35	19 +		CHRIS BOND	25	JAMES DENSMORE JR	36
LORIE EPLING	41	R:TEXAS AQUATICS 92'	1:26.77	U OF SAN FRAN	1:26.31	RALEIGH AREA MA	1:31.98
PATTY SCHIFFERLE	42	ADAM WERTH		MATT JONES	26	HILL CARROW	37
OMAHA	12:14.96	PETE NUNAN		JOHN MCCOMISH	25	EDDIE ECHOLS	40
MARIANA PHIPPS	47	SCOTT TOBIN		MIKE RICHMAN	31	BRUCE MALLETT	39
JUDY KENNEDY	54	ANDY GILL		DEAN PANZICA	29	JIM HARTYE	40
JANE OBERG	54	TXA B	1:26.77	DC MASTERS	1:26.73	LINCOLN MASTERS	1:33.44
MARY PAT MOELLER	42	ADAM WERTH	22	CLAY BRITT	31	BRUCE HAFFNER	41
BOLT	14:50.26	PETER NUNAN	34	JOHN MATSON	26	ERIC JOHNSON	36
ROSEMARY KARIKER	71	SCOTT TOBIN	26	BOB TUCKER	27	RICK SCHACKLE	35
LYNNE ZAK	52	ANDY GILL	25	CARL GOLDMAN	28	DAVID TOLER	37
BETTY RUSSO	59	MACO	1:27.86	RALEIGH AREA MA	1:27.90	MINNESOTA MASTE	1:33.45
ELLEN HALL	40	JOHN KEPPELER	24	DONALD SPENCER	34	NATHAN LEIGH	36
		DAVID BURLSON	35	B.SATTERFIELD	26	PAUL WINDRATH	38
45 +		JOHN KINGERY	34	GREG SANCHEZ	34	LARRY NYMAN	38
R:TAMALPAIS 88	10:24.25	DIRK MARSHALL	29	LOUIS DUDLEY	27	JEFF LUKENS	38
CHARLOTTE JENKINS		COLONIALS "1776	1:27.89	SCAQ E	1:28.27	OLYMPIC CLUB	1:33.48
RUTH WINN		C.PETRAGLIA	22	CHRIS CAVANAUGH	29	GRWG SMITH	36
LAVERNE ADAMS		GREGORY OXLEY	33	KEITH KAPLAN	25	MIKE STAMM	39
NANCY RIDOUT		EDGAR BORJA	31	P.MC CLAFFERTY	29	STU CORLISS	36
U OF SAN FRAN	12:09.25	ANDREW ELLIS	23	GERRY RODRIGUES	29	KURT VANDERBOGART	37
SUSAN ALLEN	47	VIRGINIA MASTER	1:28.17	HOLMES LUMBER J	1:28.54	SCAQ H	1:33.58
NANCY STRETCH	52	SCOTT ROBINSON	27	JACK MCKEAN	27	ALEXANDER HENDRIE	37
CAROL REQUADT	54	DAVID MALSBURY	30	CRIS WILLIAMS	31	FRED HUBBELL	39
KAY ELLYARD	51	MARK GILL	23	JOHN STEIN	40	JOHN SECUNDA	42
OHIO	12:36.03	NEILL WILLIAMS	24	CHRIS STEVENSON	27	JERRY HEARST	36
SYLVIA HILL	70	U OF SAN FRAN	1:29.35	BELMONT SHORE S	1:28.69		
LUISE EASTON	53	GARY YANG	23	STANLEY KUSHY	30	45 +	
PRUDENCE HALL	54	JOHN HARLOW	24	BRUCE HOWELL	35	R:TAMALPAIS 90	1:32.89
BETTY JANE RUSS	64	MARK FIORITO	24	JAMES KRISS	42	HARRY GREENFIELD	
SCAQ	12:47.50	GREG MACKEM	22	BERT BERGEN	25	BOB OLSEON	
JACQUELINE DUNLOP	61	CONNECTICUT MAS	1:29.60	SOUTH BAY	1:29.23	RICHARD BURNS	
SYLVIA GLENN	54	MATTHEW ROSSI	24	ROBERT EBERWINE	31	RICHARD BAUSCHARD	
PEGGY WHITER	48	PAUL FRENTSOS	30	CHUCK PONTHER	29	DC MASTERS	1:37.79
LINDA TEPE	45	R.KIRKPATRICK	30	SCOTT SOUTHRON	27	JOHN CALVERT	46
U OF SAN FRAN	15:23.62	ROBERT TORGERSON	30	BRIAN KELCA	31	PAUL GRUENEBERGER	45

# TOP TEN

## SHORT COURSE YARDS

TIM MILLER	46	DUDLEY DEGROOT	64	JAMES FORBES	66	ANDREW ELLIS	23
CHARLES BECHTEL	54	HAROLD FERRIS	61	R.BRIESEMEISTER	66	NORTHWESTERN	1:41.53
CONNECTICUT MAS	1:38.47	WALNUT CREEK	1:55.94	ST PETE MASTERS	2:21.82	DAVID EVERHART	27
JACK GEOGHEGAN	50	DON BROWN	60	ROBERT PATTON	70	LEE CARRY	24
MICHAEL LAUX	50	BOB NOOTBAR	56	ROBERT ATWOOD	71	KEITH MACDONALD	25
RONALD MOLNAR	50	STAN MORNER	57	ABRASHA BRAININ	69	STEPHEN GRANT	34
JOHN PHILLIPS	45	STAN PEDDER	70	BILL MOLVIE	73	GEORGIA MASTERS	1:42.26
HOLMES LUMBER J	1:40.19	CONNECTICUT MAS	1:57.43	WISCONSIN MASTE	2:22.97	CHRIS GREENE	30
JOHN SMITH	54	HOWARD ALKOFF	59	DONALD KILB	65	TOM NORTH CUTT JR	26
DOUG HELLERSON	46	GEORGE BRUNSTAD	57	JOHN PALLIN	72	CLAY STANTON	24
CHRISTIAN ISELIN	49	JOHN DUFFY	61	WILLIAM KIRAR	80	THOMAS MCMANNERS	28
JACK BEATTIE	57	JOHN LENARD	61	LYNN SURLS	74	RALEIGH AREA MA	1:43.23
WALNUT CREEK	1:40.57	DC MASTERS	1:57.62	BOLT	2:24.31	CHUCK NIEMEYER	24
JIM DELACY	45	KENNETH FLYNN	62	N. HEDRICK	68	KELLY BARNHILL JR	24
B. NOOTBAR	53	RICHARD HAY	55	ROBERT WIEGAND	70	DAVID DAMMERMAN	23
JIM KING	45	THOMAS LYONS JR	58	RICHARD DANIEL	66	D.ROUGIER-CHAPMAN	24
TOM HENDRY	45	SKIP MONSEIN	57	ELMER FROST	69	LINCOLN MASTERS	1:43.39
LAKE	1:41.85	VIRGINIA MASTER	2:01.55	75 +		MARK TOWNSEND	24
TOM FINNEGAN	45	FORREST SULLIVAN	62	R:D C MASTERS	91 2:24.77	KENNETH BERGMAN	36
DICK ABBOTT	48	FRANCIS HALL	65	BERT KASSELL		GREG WIEMERS	24
LARRY KEATON	48	CALVIN BARNES	68	CHARLES ROY		DAN DUMFORD	24
THEODORE WATHEN	45	WILLIAM IRWIN	64	DAVID MCAFEE		25 +	
MARYLAND	1:42.95	NIAGARA	2:01.98	KELLEY LEMMON		R:LONE STAR	91 1:31.54
NED DALY	47	WILLIAM WEBER	62	ST PETE MASTERS	2:45.27	MOOK RHODENBAUGH	
CARL CHRISTENSEN	54	ROBERT REINERS	62	JAMES MITCHELL	79	GREG RHODENBAUGH	
JOHN FLANAGAN	45	JOE REINERS	64	KERMIT HOTVEDT	77	BOBBY PATTEN	
C.OSTROM	46	JAMES PITTS	61	WILLIAM MOLLOY	82	TRIP HEDRICK	
ROCKY MOUNTAIN	1:44.32	ST PETE MASTERS	2:02.61	JOHN JOHNSTON	76	GEORGIA MASTERS	1:36.92
CARL SELLES	45	ARTHUR FRIEDLAND	61	DC MASTERS	2:48.00	ANDREW PULSIFER	26
ROBERT BALL	47	HARRY PIPER	57	BERT KASSELL	79	MICHAEL MCCOOL	29
F.WENDELKEN	53	BILL MOLVIE	73	SIDNEY SAPERSTEIN	75	RANDALL HYRE	28
PAUL MCCORMICK	45	CHARLES KOHNKEN	60	CHARLES ROY	78	WHITNEY FOSTER	25
VIRGINIA MASTER	1:44.70	65 +		KELLEY LEMMON	80	DC MASTERS	1:37.19
RANDOLPH WISE	50	R:S. CAL AQUATIC 90	1:55.12	*****		CLAY BRITT	31
MIKE DUGNAN	45	JURGEN SCHMIDT		RELAYS: M E N 200 YD. MEDLEY		BOB TUCKER	27
ALEC THOMSON	48	FRANK PIEMIME		*****		JOHN MATSON	26
KENNETH NOVELL	49	BOB MERRICK		19 +		CARL GOLDMAN	28
TAMALPAIS	1:44.72	GEORGE BRINTON		R:TEXAS AQUATICS 92	1:36.31	HOLMES LUMBER J	1:39.04
RICH BURNS	48	COLONIALS "1776	2:04.54	ANDREW GILL		CHRIS STEVENSON	27
MARK LYON	48	ROGER FRANKS	65	ADAM WERTH		ALLEN POUCHER	37
BEN WRIGHT	49	JOHN EMANUEL	67	SCOTT TOBIN		JACK MCKEAN	27
HUGH WINN	50	CHARLES BREEDING	76	PETE NUNAN		CRIS WILLIAMS	31
GREATER OHIO MA	1:44.96	BIRCH DAVIDSON	73	TXA A	1:36.31	RALEIGH AREA MA	1:39.88
DONALD KROEGER	48	GREATER OHIO MA	2:04.76	ANDY GILL	25	MICHAEL DOWHY	28
THOMAS TRIPP	49	WARREN FOSTER	67	ADAM WERTH	22	ALLEN LYDICK	34
SID HALL	56	KEITH CARTER	67	SCOTT TOBIN	26	GREG SANCHEZ	34
THOMAS OLANDER	50	ROBERT BLOEBAUM	65	PETER NUNAN	34	LOUIS DUDLEY	27
55 +		EDWARD HABAN	67	H2O A	1:37.87	BELMONT SHORE S	1:39.88
R:OLYMPIC CLUB	90 1:42.55	HOLMES LUMBER J	2:05.92	TERIVE DUPERIER	23	STANLEY KUSHY	30
PHILIP GAY		ROGERS HOLMES	70	WAYNE LEWOCZKO	37	BRUCE HOWELL	35
DON WUDTKE		BILL UHRICH	71	LUKE DANIEL	35	JAMES KRIS	42
PHILIP CHAPMAN		HARWELL MOSELEY	73	M. GUISCARDO	39	BERT BERGEN	25
DONALD HILL		RICHARD AVERY	69	CONNECTICUT MAS	1:39.38	BERKELEY AQUATI	1:41.38
MARYLAND	1:46.36	OREGON	2:06.58	RAY SNYDER	27	ROB COPELAND	35
YU-JIN LEE	58	GERALD HUESTIS	72	R.KIRKPATRICK	30	BENN DOYLE	33
KEN POLLOCK	59	JAMES HOLLAND	68	PAUL FRENTSOS	30	THOMAS LAWSON	32
DONALD RICE	58	GIL YOUNG	70	MATTHEW ROSSI	24	HERB MCCAFFREY	28
MARVIN BAER	56	ANDREW HOLDEN	73	VIRGINIA MASTER	1:39.51	PNA	1:41.69
NEW ENGLAND MAS	1:52.77	RINCONADA	2:12.29	DAVID MALSBURY	30	JACK CONNELLY	36
WINTHROP WILSON	65	ED KIRSWILL	65	NEILL WILLIAMS	24	DAN BALDERSON	25
BARR CLAYSON	56	C.FAIRCHILD	66	J.B. BRINKMAN	33	KIRK DODGE	29
TED HAARTZ	64	ELI GOLDFARB	66	SCOTT ROBINSON	27	STEVE SCHMIDT	30
TOM LYNDON	60	ALDO DAROSA	73	H2OUSTON SWIMS	1:40.16	CALTECH A	1:41.99
RALEIGH AREA MA	1:54.26	ST. LOUIS	2:17.10	SIMON FINLAYSON	24	MIKE WINTERBAUER	32
C.BOURGEOIS	58	CARL CLAUSSEN	69	DAVID GUTHRIE	31	WILLIAM DOUPE	29
DICK WEBBER	63	DON SERY	67	RUSSELL KNEIPP	23	MATT WOOD	31
PHILIP DANNLEY	57	ART KELLY	65	WILLIAM BONHAM	40	STEVE LOWE	34
ARNIE FORMO	65	ROBERT BLAKE	66	COLONIALS "1776	1:41.30	SOUTH BAY	1:41.99
ST PETE MASTERS	1:55.08	EMPIRE STATE	2:20.52	NICK COLAROSSO	29	ROBERT EBERWINE	31
RAY BURNS	56	GERSON SOBEL	82	JAMES MACK	28	CHUCK PONTHER	29
THOMAS SMITH	64	DICK GUIDO	74	JOSEPH THIER	28	SCOTT SOUTHRON	27

# TOP TEN

## SHORT COURSE YARDS

BRIAN KELCA	31	TIM MILLER	46	KENNETH FLYNN	62	BEACH SCHULTZ	70
U OF SAN FRAN	1:42.06	ROBERT BENNETT	48	RAYMOND CHEN	58	A.EREMCHUK	65
KIRK JENSEN	31	CHARLES BECHTEL	54	THOMAS LYONS JR	58	JIM GRONSETH	65
JACK EWING	31	CONNECTICUT MAS	1:52.01	PALMETTO MASTER	2:16.49	BOLT	2:40.18
MATT JONES	25	JACK GEOGHEGAN	50	WILLIAM MONROE	61	ROBERT WIEGAND	70
JOHN MCCOMISH	25	MICHAEL LAUX	50	NEALE BIRD	60	MIKE OFFNER	77
35 +		JOHN PHILLIPS	45	JOSEPH KURTZMAN	66	RICHARD DANIEL	66
R:COLONIALS 1776 91	1:36.66	RONALD MOLNAR	50	KENNETH DAWSON	61	ELMER FROST	69
STU MARVIN		TAMALPAIS	1:55.98	SAN DIEGO SM	2:18.59	EMPIRE STATE	2:42.49
DAVE SCHMINKE		RICH BURNS	48	KEN KIMBALL	61	WALTER LYNCH	70
MARK SCHUMAN		GARY PARLAPIANO	45	BILL EARLEY	55	JAMES FORBES	66
CHARLES NORELLI		MARK LYON	48	DON HUBBARD	64	DICK GUIDO	74
COLONIALS "1776	1:39.51	HUGH WINN	50	DON BAKER	61	R.BRIESEMEISTER	66
ROBERT KROTEE	37	MARYLAND	1:57.38	RALEIGH AREA MA	2:18.76	COLONIALS "1776	2:42.99
MARK SCHUMAN	36	NED DALY	47	FRED HAYNIE	60	GEORGE MELICK	67
CHARLES NORELLI	37	PETER OROSZLAN	47	ROBERT FEARN	63	HUGH COYLE	72
PETER MUNGER	40	C.OSTROM	46	DICK WEBBER	63	NORMAN GARSOE	68
ROCKY MOUNTAIN	1:42.52	KEITH HARRIES	53	C.BOURGEOIS	58	EDGAR LASSINS	72
TOM WHATLEY	40	LINCOLN MASTERS	1:57.55	VIRGINIA MASTER	2:19.17	75 +	
RUSSELL MARSH	36	BOB ROUNDS	50	FORREST SULLIVAN	62	R:HOLMES LUMBER 91	2:50.76
MICHAEL MANN	37	PETER JACKSON	52	WILLIAM IRWIN	64	WILLIAM MACKEY	
CHUCK FISCHER	40	TERRY BRINKMAN	45	FRANCIS HALL	65	FRANK TILLOTSON	
MINNESOTA MASTE	1:42.62	JAN SODERSTROM	46	CALVIN BARNES	68	WILLIAM GRANT	
PAUL WINDRATH	38	LAKE	1:58.44	ST. LOUIS	2:21.91	CHARLIE DUNWORTH	
JOHN EVERS	37	TOM FINNEGAN	45	EDWARD ROSENHAUER	60	DC MASTERS	3:23.29
JOHN MCCALL	40	DICK ABBOTT	48	WILLIAM CANNON	61	SIDNEY SAPERSTEIN	75
NATHAN LEIGH	36	GLENN HUBBUCH	46	DON KLINGLER	56	CHARLES ROY	78
RALEIGH AREA MA	1:45.12	THEODORE WATHEN	45	BILL RUSS	56	BERT KASSELL	79
EDDIE ECHOLS	40	ST PETE MASTERS	1:58.56	WISCONSIN MASTE	2:23.06	KELLEY LEMMON	80
BRUCE MALLETTE	39	GARY TRIMBLE	49	W MORGAN BYERS	64	ST PETE MASTERS	3:25.39
JIM HARTYE	40	T.VAN DER VEEN	47	ROBERT KUENY	61	JAMES MITCHELL	79
HILL CARROW	37	JOHN MAGUIRE	45	JOHN BAUMAN	61	WILLIAM MOLLOY	82
VIRGINIA MASTER	1:45.62	JACK PYHEL	47	PERRY ROCKWELL	67	JOHN JOHNSTON	76
JON BAKER	36	HOLMES LUMBER J	1:58.79	65 +		KERMIT HOTVEDT	77
SEAN WEBB	40	JOHN SMITH	54	R:S. CAL AQUATIC 90	2:12.78	*****	
LANG MEEM	37	THOMAS KOENIG	60	BOB MERRICK		RELAYS: M E N 400 YD. FREE	
JOE KERNAN	37	TELFAIR MAHAFFY	56	LEE ARTH		*****	
DC MASTERS	1:45.85	JACK BEATTIE	57	JURGEN SCHMIDT		19 +	
JAMES DENSMORE JR	36	DC MASTERS	1:59.48	FRANK PIEMME		R:LOS ALTOS 91	3:20.51
MATTHEW KANZLER	35	STEVEN HIGHLEY	45	COLONIALS "1776	2:19.83	BOB MAYER	
EDWARD KENEHAN	41	THOM BURGESS	49	ROGER FRANKS	65	JEHL KLIVE	
LARRY SLOAN	44	BARRY SHAY	51	JOHN EMANUEL	67	GREG DOYOS	
GEORGIA MASTERS	1:46.48	PAUL GRUENEBERGER	45	BIRCH DAVIDSON	73	BOB DUGEN	
REED FARRIS	37	JOHN QUANRUD	45	CHARLES BREEDING	76	SCAQ A	3:21.36
MICHAEL EDDY	40	HAMILTON GADD	45	OREGON	2:20.90	RICHARD DREWELOW	22
THOMAS GEST	40	KENNETH MILLER	54	EARL WALTER	71	ROL WILLIAMS	22
RIC JOHNSON	36	W.ROBERTSON III	56	ROBERT MORRISON	71	DUFFY CUTLER	28
LINCOLN MASTERS	1:46.53	55 +		ANDREW HOLDEN	73	PETER EGAN	28
ERIC JOHNSON	36	R:S. CAL AQUATIC 87	1:57.74	GERALD HUESTIS	72	AIR FORCE	3:24.31
GEORGE WENDT	44	BOYD JOHNSON		HOLMES LUMBER J	2:23.47	AVERY KINTNER	30
BRUCE HAFFNER	41	DON HESTER		ROGERS HOLMES	70	KIRK CLEAR	24
DAVID TOLER	37	FRANK REYNOLDS		BILL UHRICH	71	BRIAN CANINO	31
HOLMES LUMBER J	1:47.36	FRANK PIEMME		HARWELL MOSELEY	73	ALAN ARATA	30
VIRGIL DANIELS	44	FRANK PIEMME		RICHARD AVERY	69	EMPIRE STATE(YW	3:34.09
HOWARD BUNCH	42	NEW ENGLAND MAS	2:07.60	RINCONADA	2:25.03	T. JOYCE	31
JOHN STEIN	40	BARR CLAYSON	56	ELI GOLDFARB	66	J. BARANY	23
RICH DE SELM	35	TED HAARTZ	64	C.FAIRCHILD	66	B. SULLIVAN	31
HOST E	1:47.63	WINTHROP WILSON	65	ALDO DAROSA	73	S. FISHER	29
DAN THOMPSON	45	TOM LYNDON	60	ED KIRSWILL	65	RALEIGH AREA	3:35.19
DANA ABBOTT	41	ST PETE MASTERS	2:13.97	GREATER OHIO MA	2:27.14	B.SATTERFIELD	26
WENDELL SMITH	36	ARTHUR FRIEDLAND	61	ROBERT BLOEBAUM	65	KELLY HOPKINS	32
MIKE HARRIS	45	RAY BURNS	56	WILLIAM BROCK	70	KELLY BARNHILL	24
45 +		THOMAS SMITH	64	KEITH CARTER	67	JOHN ARMFIELD	26
R:TAMALPAIS 90	1:46.68	HAROLD FERRIS	61	EDWARD HABAN	67	NIAGARA	3:37.03
RICHARD BURNS		MARYLAND	2:15.66	ST. LOUIS	2:38.58	ROBERT MANUEL	24
DOUGLAS STEVENS		KEN POLLOCK	59	CARL CLAUSSEN	69	BRIAN SHAW	28
HARRY GREENFIELD		ROBERT JOHNSON	55	ART KELLY	65	JOHN RITL	24
RICHARD BAUSCHARD		DONALD RICE	58	DON SERY	67	MARK PAGE	30
DC MASTERS	1:51.03	YU-JIN LEE	58	ROBERT BLAKE	66	GOLDEN WEST	3:39.19
JOHN CALVERT	46	DC MASTERS	2:16.00	MARYLAND	2:39.58	PAUL IKIOKA	27
		SKIP MONSEIN	57	NORRIS FLUKE	74	JEFF RUSS	22

# TOP TEN

## SHORT COURSE YARDS

DAVID CLYNE	27	WARREN SCHULTZ	32	G.KNAPPENBERGER	48	PERRY ROCKWELL	67
KEVIN MCGLYNN	31	BRIAN ROSS	31	DEWEY HOWELL	51	LONG BEACH	6:12.47
CRAW	3:40.29	BINGHAMTON	3:45.15	AMOS COFFMAN	51	BRION WINSHIP	74
STEVE HECK	41	STEVE KRISTEK	33	DREN GEER	57	JOHN GLENN	81
MIKE MASON	29	JARRETT NEWBY	34	SWOM	4:51.02	WODDY BOWERSOCK	78
SCOTT RABALAIS	33	MICHAEL LEWIS	32	GREG SCHRAND	49	EMILE ACHEE	65
WADE RIDDICK	22	FLIP CAMPON	33	KENNETH HEUCK	47	BOLT	6:23.89
LINCOLN MASTERS	3:48.53			FRANK SAMOYA	66	ELMER FROST	68
BEN HAAK	36	35 +		G.ARCHIBALE	48	N HEDRICK	68
THOMAS LOTOCKI	27	R:S CALIF AQ	90 3:23.76	ST. LOUIS	5:04.51	RICHARD DANIEL	65
JOHN STRANGE	28	PETER O'KEEFFE		WILLIAM CANNON	61	FRED FAUCHEUX	70
DAVID WENDEL	24	RICK PHILLIPS		P. BROCKSMITH	59	NIAGARA	6:48.64
CALTECH A	3:48.86	JOHN SECUNDA		EDWARD ROSENHAUER	60	MARTIN KILLORY	73
JOHN PEARCE	32	FRED HUBBELL		CHUCK MILLER	50	GEORGE BAUMAN	77
DOUG DEWITT	29	MINNESOTA	3:27.10	MINNESOTA	5:12.40	MIKE GAUDY	71
CASEY HOLCOMB	24	PAUL WINDRATH	38	HERBERT NOETZEL	56	JAMES PALMER	72
AL MOSER	27	LARRY KRAUSER	38	JOHN ZIEGENHAGEN	45		
LINCOLN MASTERS	3:50.49	NATHAN LEIGH	36	PETE MAGEE	54	75 +	
GARY GAMBLE	41	JEFF LUKENS	38	ALAN THEIS	61	R:ST. PETE	91 6:02.78
DENNIS SHIRLEY	33	SCAQ F	3:42.25			JOHN JOHNSTON	
THOMAS GALLAGHER	35	JAMES BELARDI	35	55 +		FRANK TILLOTSON	
DAN DUMFORD	24	JOHN SECUNDA	42	R:WALNUT CREEK	91 4:17.34	KERMIT HOTVEDT	
		FRED HUBBELL	39	CHET WERSHILA		WILLIAM MOLLOY	
25 +		ALEXANDER HENDRIE	37	STAN MORNER		ST PETE MASTERS	6:02.88
R:SO.CALIF AQU	92 3:14.35	LINCOLN MASTERS	3:42.63	STAN PEDDER		JOHN JOHNSTON	76
CHRIS CAVANAUGH		THOMAS DOETSCH	39	DON BROWN		FRANK TILLOTSON	76
KEITH KAPLAN		BLAKE SWIHART	39	SAN DIEGO SM	4:32.09	KERMIT HOTVEDT	76
PETER MCCLAFFERTY		BOYD BLACK	35	DON BAKER	61	WILLIAM MOLLOY	80
GERRY RODRIGUES		KIRK BENNEWITZ	37	DON HUBBARD	64	*****	
SCAQ C	3:14.35	NCM	3:53.70	KEN KIMBALL	61	RELAYS: M E N 400 YD. MEDLEY	
CHRIS CAVANAUGH	29	ANDREW TODD	40	BILL EARLEY	55	*****	
KEITH KAPLAN	25	MIKE PHILLIPS	35	GOST	4:36.99	19 +	
P.MC CLAFFERTY	29	BOB CATANACH	39	YOSHI OYAKAWA	58	R:U OF SAN FRAN	92 3:34.08
GERRY RODRIGUES	29	BILL RODRIGUEZ	38	JOHN FLORANCE	69	GARY YANG	
CALTECH B	3:20.18	IEM	3:54.48	ROBERT BLOEBAUM	65	JOHN HARLOW	
WILLIAM DOUPE	29	RAY MERRELL	41	EDWARD LEVY	60	MARK FIORITO	
MALCOLM COOPER	35	MATT SEAMEN	35	INLAND EMPIRE	4:41.49	GREG MACKEM	
MATT WOOD	31	JUSTIN ROBINSON	39	DAVID DABOLL	55	U OF SAN FRAN	3:34.08
JIM ROBERTS	31	SAM BOOTH	40	PAUL BORG	55	GARY YANG	23
COLONIALS	3:31.83	WEST HOLLYWOOD	4:01.25	BILL ODMAN	72	JOHN HARLOW	24
NICK COLAROSSO	29	MAURO BORDOVSKY	35	GARY HARN	56	MARK FIORITA	21
WARREN FISHER	35	THOMAS WILSON	37	ADMS	5:15.46	GREG MACKEM	23
G. GALLAGHER	34	ERIC UMBARGER	37	BRIAN HEAD	57	SCAQ A	3:36.78
JOE THIER	27	JON BAUER	40	PATRICK QUINN	61	RICHARD DREWELow	22
WEST HOLLYWOOD	3:32.53	WISCONSIN MASTE	4:03.43	HERB ALVARADO	57	CHRIS CAVANAUGH	29
KURT SMITH	31	DAVID FARRELL	37	S. PETREQUIN	60	JUSTIN BREESE	27
DAVID NEWMAN	26	STEPHEN JUSTINGER	39	WISCONSIN MASTE	5:21.21	GERRY RODRIGUES	29
BRUCE MENEFEE	33	THOMAS PAYDEN	39	JOHN BAUMAN	61	U OF SAN FRAN	3:55.80
ROBERT FUENTES	28	JOHN BONTLY	43	ROBERT KUENY	61	TAKAO HENSCH	25
SAN RAMON	3:39.87	AIR FORCE	4:25.54	ALEX MACGILLIS	63	ERIC MINGE	29
JOHN JEHA	33	RAYMOND SMITH	51	THOMAS MICHELSON	60	CHRIS DAVIS	24
GARY BREEN	30	JURGEN SCHMIDT	69	GKMS	5:58.79	JIM MCCORMICK	24
BOB SNODGRASS	29	FRANK PIEMME	67	ROBERT HILL	63	SANTA CLARA	3:56.01
TOM KRUTSCH	33	LARRY JONES	39	JOE HANSEN	61	MIKE MOORE	28
LINCOLN MASTERS	3:40.58	ST PETE MASTERS	4:27.05	WANG LAU	55	TIM SHERIDAN	27
BARRY ZIPP	31	STEVEN GRAU	46	WILLIAM LAUER	57	DOUG MEADS	22
K.STICKEVERS	29	JOHN BISHOP	46			HOWARD COYE	37
EDWARD JACKMAN	26	PETER BETZER	49	65 +		WALNUT CREEK	3:56.13
SCOTT FREEMAN	31	BRUCE DAY	41	R:S CALIF AQU	90 4:28.95	GARY GOLDSTEIN	34
DURHAM	3:41.00	RALEIGH	4:30.48	FRANK PIEMME		BRAD GOTHBERG	29
DOUG ASBURY	33	JAMES GREEN	47	BOB MERRICK		KERRY O'BRIEN	34
RUSSELL KRETZ	30	BRENT SWEITZER	39	JURGEN SCHMIDT		TOM MONTOYA	24
JOHN PAYNE	27	JAMES RUCKER	42	LEE ARTH		NIAGARA	4:06.09
BRENT SWEITZER	39	C.LE BOURGEOIS	58	ST. LOUIS	5:06.65	JOHN RITL	24
EMPIRE STATE(MP)	3:41.27			ROBERT BLAKE	66	BRIAN SHAW	28
S. CHESTLER	35	45 +		ART KELLY	65	MARK PAGE	30
R. MAKATURA	29	R:LOS ALTOS	91 3:42.14	DON SERY	67	ROBERT MANUEL	24
R. COOK	34	TOM BOAK		CARL CLAUSSEN	69	CALTECH	4:07.60
E. MA	34	DAVE GRAY		WISCONSIN MASTE	5:19.66	MALCOLM COOPER	35
NEAR NORTH Y'S	3:45.00	JERRY HIGGINS		LYNN SURLS	74	MIKE WINTERBAUER	32
ERIC ROWLAND	27	ED CAZALET		JOHN PALLIN	71	CASEY HOLCOMB	24
DREW RANIERI	38	LINCOLN MASTERS	4:33.66	DAONALD KILB	65	AL MOSER	27

# TOP TEN

## SHORT COURSE YARDS

AIR FORCE	4:09.32			JIM ELDER	48	GARRY HARN	56
KIRK CLEAR	24	35 +		JIM BEGLINGER	45	SID ROSEN	70
BRIAN CANINO	31	R:WALNUT CREEK	92 3:46.87	TAMALPAIS	4:22.37		
JEFFREY FALEY	27	VINCE MORALLS		RICH BURNS	48	65 +	
THOMAS KOMP	22	JOHN ROLMER		GARY PARLAPIANO	45	R:COLONIALS	92 5:18.61
OMAHA	4:10.44	KERRY OBRIAN		MARK LYON	48	ROGER FRANKS	
SEAN LARSON	22	CAREY KENT		BEN WRIGHT	49	NORMAN GARSOE	
TODD SAMLAND	29	WALNUT CREEK	3:46.87	WALNUT CREEK	4:25.39	BIRCH DAVIDSON	
JOHN APKER	31	VINCE MORALES	35	DENNIS BLEDSOE	46	JOHN EMANUEL	
RONALD VIOLI	23	JOHN ROEMER	37	DON DAVIS	47	COLONIALS 1776	5:18.61
U OF SAN FRAN	4:12.56	KERRY O'BRIEN	35	JIM KING	45	ROGER FRANKS	65
TOM LYONS	23	CAREY KENT	40	TOM HENDRY	45	NORMAN GARSOE	68
GARY MURAKAMI	26	OLYMPIC CLUB	3:49.13	U OF SAN FRAN	4:30.70	BIRCH DAVIDSON	73
CHARLES EHM	22	MIKE STAMM	39	FRANK DUNLEVY	50	JOHN EMANUEL	67
HENRY BUCKINGHAM	24	GRWG SMITH	36	PAUL MENYHARTH	45	RINCONADA	5:34.31
		STU CORLISS	36	JOHN LADD	46	ELI GOLDFARB	66
25 +		KURT VANDERBOGART	37	INGO ORLAMUNDER	51	ALDO DAROSA	73
R:U OF SAN FRAN	92 3:35.60	MINNESOTA	3:49.46	WEST HOLLYWOOD	4:40.59	C. FAIRCHILD	66
KIRK JENSEN		PAUL WINDRATH	38	PAULO FIGUEIREDO	45	ED KIRSWILL	65
ERIC LARSON		JOHN EVERS	37	TOM MC CLAY	47	LOS ALTOS	5:46.93
MATT JONES		JOHN MCCALL	40	MICHAEL MEALIFFE	51	JACK MCCANN	70
DAN KNIGHT		NATHAN LEIGH	36	NEAL WIENER	47	JOHN RICHARDS	69
U OF SAN FRAN	3:35.60	U OF SAN FRAN	4:04.75	GOST	5:03.54	JOHN PONISCHILL	65
KIRK JENSEN	31	KENT FORD	38	THOMAS TRIPP	49	JAY CRADDOCK	71
ERIC LARSON	25	JAMES SEHNERT	36	THOMAS ORLANDER	50	ST. LOUIS	6:12.66
MATT JONES	26	BOB GIRVIN	42	CRAIG RIDER	48	CARL CLAUSSEN	69
DAN KNIGHT	31	RICHARD ATONDO	41	DONALD KROEGER	48	DON SERY	67
WALNUT CREEK	3:37.27	WALNUT CREEK	4:09.32	WALNUT CREEK	5:05.82	ART KELLY	65
ROD COOK	34	CHALIE HANSEN	39	NEIL STRATTON	49	ROBERT BLAKE	66
JOHN MURPHY	28	KEVIN WARD	35	JOHN FELDER	47	WALNUT CREEK	8:00.96
DAVE CADEMATORI	27	CHALIE TUPITZA	38	JACK LANCE	49	BOB HALL	71
JIM FEGAN	28	CHRIS STUART	47	FRED TRASK	64	ERNIE KASSNER	68
SOUTH BAY A	3:41.54	DAVIS	4:11.30	RINCONADA	5:08.36	BILL JOHNSTON	72
ROBERT EBERWINE	31	CHRIS OSHIRO	35	JACK HALLIDAY	55	ERNIE SMITH	71
BRIAN KELCA	31	JIM FRAMPTON	45	AUGIE MOTMAN	64	U OF SAN FRAN	8:24.63
SCOTT SOUTHRON	27	ANDY MCPHERSON	45	JIM SHAW	50	FRED ROGERS	68
CHUCK PONTHER	29	RON HARVEY	46	JIM YOUNG	49	JIM BISBEE	65
U OF SAN FRAN	3:42.53	U OF SAN FRAN	4:11.65	GOST	5:33.03	VICTOR DEKALB	66
MIKE RICHMAN	26	MICHAEL STRAUZ	41	ROBERT KOENIG	54	RICHARD SCHOMBERG	65
JACK EWING	31	FRANK HATCH	37	SID HALL	56		
JOHN MCCOMISH	26	WES TANIGAWA	38	E.B. LUNKEN	50	75 +	
DEAN PANZICA	29	MARTY DALTON	37	JAMES GARVIN	57	R:ST. PETE	91 6:55.99
CALTECH B	3:42.61	U OF SAN FRAN	4:14.19			FRANK TILLOTSON	
WILLIAM DOUPE	29	DUKE DAHLIN	43	55 +		WILLIAM MOLLOY	
DOUG DEWITT	29	JOHN DOWNER	41	R:WALNUT CREEK	91 4:55.98	JOHN JOHNSTON	
MATT WOOD	31	DAN MCGARRY	35	MIKE MILLIMAN		KERMIT HOTVEDT	
STEVE LOWE	34	RANDY WESTLEY	40	CHET WERSHILA		ST PETE MASTERS	6:55.93NV
LOS ALTOS	3:49.49	SAN RAMON	4:17.32	STAN MORNOR		FRANK TILLOTSON	76
GREG DOYAS	29	ALAN CARTWRIGHT	50	STAN PEDDER		WILLIAM MOLLOY	81
TOM DUGAN	33	STEVE MCELWAIN	39	WALNUT CREEK	4:57.02	JOHN JOHNSTON	76
RANDY COX	29	DAVID SANDER	39	DON BROWN	58	KERMIT HOTVEDT	76
JEFF ULINE	33	STEVE SMALL	39	STAN MORNOR	57	*****	
U OF SAN FRAN	3:51.05	ST PETE MASTERS	4:17.47	BOB NOOTBAR	56	RELAYS: M E N 800 YD. FREE	
MIKE FRIEBE	27	J. THOMAS ATKINS	37	FRED TRASK	63	*****	
SCOTT ADAMS	27	T. VAN DER VEEN	47	ST PETE MASTERS	5:12.06	19 +	
CRAIG HANNENIAN	25	ARTHUR HALTTUNEN	41	THOMAS SMITH	64	R:STANFORD	92 7:22.25
DOUG COOK	29	JOHN MAGUIRE	44	HARRY PIPER	58	ANDY WONG	
SACRAMENTO	3:59.56			RAY BURNS	56	TIM BRODERICK	
SCOTT MORGAN	30	45 +		ARTHUR FRIEDLAND	61	JOE MADER	
ANDREW BRENNAN	31	R:LOS ALTOS	92 4:10.46	HUNT.BEACH SC	5:17.49	SPENCER ELDRED	
SCOTT REUSS	30	ED CAZALET		STAN MC CONNELL	60	STANFORD	7:22.25
DOUG SMITH	30	TOM BOAK		FRANK REYNOLDS	60	ANDY WONG	20
MINNESOTA	4:01.26	BOB PROEBSTING		BUDDY BELSHE	58	TIM BRODERICK	41
MARK WHITESIDE	26	DAVE GRAY		PETER BUCKLEY	61	JOHN MURPHY	28
ALBERT SPOHN	35	LOS ALTOS	4:10.46	U OF SAN FRAN	6:35.10	SPENCER ELDRED	35
GEORGE BOWLIN	40	ED CAZALET	49	ED HOWES	57	U OF SAN FRAN	7:27.66
JEFF LUKENS	38	TOM BOAK	48	KURT HENSCH	62	GREG MACKEM	23
COLONIALS	4:01.81	BOB PROEBSTING	54	TERRY CARLISLE	57	GARY YANG	23
NICK COLAROSSO	29	DAVE GRAY	45	JIM FRANKEL	68	JOHN HARLOW	24
BILL DRAVES	30	OLYMPIC CLUB	4:15.91	IEM	7:58.64	JAKE BAYLESS	19
JOE THIER	27	RICH BASSI	50	C.J. HAMILTON	77	WALNUT CREEK	7:44.33
WARREN FISHER	35	BOB MOMSEN	45	BILL MESSENGER	63	JIM FEGAN	38

# TOP TEN

## SHORT COURSE YARDS

BRAD GOTHBERG	29	SCOTT SOUTHRON	27	RANDY BROWN	44	U OF SAN FRAN	12:40.06
DAVE COOL	31	BRIAN KELCA	31	RANDY CORT	44	TERRY CARLISLE	57
BRENDON WEN	22	GORDON LINDEEN	31	GARY BRENNER	44	JIM FRANKEL	68
SANTA CLARA	7:54.06	IOWA	7:40.70	U OF SAN FRAN	8:48.72	KURT HENSCH	62
RAFAEL DOMEYKO	24	DANIEL BARTLETT	31	MIKE NEVIN	36	HERB MADDEN	62
MARCO LAMPAGNA	20	PAUL EURE	26	JOHN DOWNER	41		
ART MORGAN	20	KEN BRENTON	33	DAN MCGARRY	35	65 +	
DOUG MEADS	22	ROGER JORGENSEN	44	RANDY WESTLEY	40	R:OREGON	88 11:47.75
EMPIRE	7:56.94	SCAQ D	7:50.15			GERALD HUESTIS	
R. VALENTIN	22	TIM LEWIS	25	45 +		EARL WALTER	
BUCK BROKER	36	SIMON THOMAS	28	R:LOS ALTOS	91 8:25.87	ROBERT MORRISON	
P. RIORDAN	29	CHIP KINDELAN	32	DAVID GRAY		GILBERT YOUNG	
BRUCE HAYES	29	TOM KEATING	31	ED CAZALET		ST. LOUIS	12:18.67
CRAW	8:11.12	GOST	8:00.07	BOB PROBESTING		ART KELLY	65
STEVE HECK	41	JOHN PEARSON	26	KENT PRICE		DON SERY	67
MIKE MASON	29	NORMAN BRISKER	27	WALNUT CREEK	8:42.17	CARL CLAUSSEN	69
WADE RIDDICK	22	JOE REINHARDT	30	DON DAVIS	47	ROBERT BLAKE	66
SCOTT RABALAIS	33	JOSEPH HOESS	27	MIKE PIAZZA	46	BOLT	14:14.45
OMAHA	8:27.93	U OF SAN FRAN	8:02.72	JACK LANCE	49	N HEDRICK	67
JEFF SEAMAN	25	THORSTON ANDERSON	25	TOM HENDRY	45	ELMER FROST	68
RONALD VIOLI	23	DAVID MCAFFEE	25	TAMALPAIS	9:03.23	RICHARD DANIEL	65
JOHN APKER	31	CRAIG HANNENIAN	25	HUGH WINN	50	FRED FAUCHEUX	70
SEAN LARSON	22	MIKE SLYTER	29	GARY PARLAPIANO	45	LONG BEACH MAST	14:44.50
U OF SAN FRAN	8:28.59			BEN WRIGHT	48	BROIN WINSHIP	74
CHASE WATTS	24	35 +		MARK LYON	48	JOHN GLENN	81
HENRY BUCKINGHAM	24	R:MINNESOTA	92 7:37.33	U OF SAN FRAN	9:22.10	WOODY BOWERSOCK	78
CHARLES EHM	22	JAMES STEWART		JOHN LADD	46	EMILE ACHEE	65
MIKE TZORTZIS	23	PAUL WINDRATH		FRANK DUNLEVY	45	U OF SAN FRAN	15:32.28
U OF SAN FRAN	8:31.30	NATHAN LEIGH		TIM GARDNER	46	VICTOR DEKALB	66
BRIAN GOLDSTON	23	LARRY KRAUSER		PAUL MENG	51	RICHARD SCHOMBERG	65
GARY MURAKAMI	28	MINNESOTA	7:37.33	GOST	9:52.99	JIM BISBEE	65
DANA STANLEY	26	PAUL WINDRATH	38	CRAIG RIDER	48	FRED ROGERS	69
PETER GRUENDER	29	JAMES STEWART	35	JAY RYNO	45		
BVCY	8:47.79	NATHAN LEIGH	36	JOHN MEDICI	54	75 +	
FRED DERR	22	LARRY KRAUSER	38	THOMAS ORLANDER	50	R:ST. PETE	90 13:46.24
GREGG SLAYTON	30	WALNUT CREEK	7:50.37	SAN MATEO	10:05.47	WILLIAM MOLLOY	
DAVID BARNETT	28	JOHN ROEMER	36	TOM AUSTIN	52	FRANK TILLOTSON	
MARK WEINBERG	35	CHALIE HANSEN	39	DON DAVIS	47	KERMIT HOTVEDT	
		KERRY O'BRIEN	35	DICK PETERSON	55	FRED WALBOLT	
25 +		CRAIG SMITH	40	BILL STEUART	55	NO RELAY TEAMS	
R:PIEDMONT	92 7:08.79	U OF SAN FRAN	8:01.34	SCAQ G	10:39.47	*****	
MICHAEL RUFFNER		BOB GIRVIN	41	GUY LEWIS	48	RELAYS: MIXED 200 YD. FREE	
CHRIS ROCK		KENT FORD	38	GEORGE BRINTON	67	*****	
TODD SELLS		RICH ATONDO	35	LEE ARTH	67	19 +	
PAUL MAURER		TIM HARVEY	37	BOB MERRICK	71	R:HOLMES LUMBER	91 1:31.65
PIEDMONT	7:08.79	MANATEE AQUATIC	8:11.62	ST. LOUIS	11:36.98	SUDI MILLER	
MIKE RICHMAN	26	DOUG MATTHEW	39	WILLIAM CANNON	61	THOMAS SMITH	
CRIS ROCK	33	JOHN CRANE	40	P. BROCKSMITH	59	MARY WAYTE	
TODD SELLS	25	GRANT INMAN	40	EDWARD ROSENHAUER	60	RICHARD ABRAHAMS	
PAUL MAURER	27	PETER ALMEIDA	37	CHUCK MILLER	50	DURHAM AQUATIC	1:33.51
WALNUT CREEK	7:09.37	U OF SAN FRAN	8:22.24	SWOM	11:50.33	TED GREVE	34
STEVE STAHL	27	DUKE DAHLIN	43	FRANK SAMOYA	66	TERESA ZURICK	26
TOM MONTOYA	25	FRANK HATCH	37	KENNETH HEUCK	47	LINDA SUHS	24
GREG REMMERT	29	WES TANIGAWA	38	RICHARD CHISHOLM	57	RUSSELL KRETZ	30
CHRIS BOND	25	DAVE SEHNERT	36	ROBERT WILLIAMS	53	RALEIGH AREA MA	1:33.64
U OF SAN FRAN	7:16.36	WALNUT CREEK	8:33.05			KELLY BARNHILL JR	24
MIKE RICHMAN	29	VINCE MORALES	35	55 +		JILL BENDA	23
MATT JONES	25	KEVIN WARD	35	R:WALNUT CREEK	92 9:41.77	COURTNEY SEARCY	24
DAN KNIGHT	31	CAREY KENT	40	STAN MORNER		CHUCK NIEMEYER	24
DEAN PANZICA	29	JEFF BENNETT	38	FRED TRASK		COLONIALS "1776	1:33.67
SANTA CLARA	7:29.99	CARSON VALLEY	8:42.94	MIKE MILLIMAN		GREGORY OXLEY	33
HOWARD COYE	37	ROB BASTIEN	39	DON BROWN		LIZ HOBBS	30
TIM SHERIDAN	27	TODD CONNELLY	40	WALNUT CREEK	9:41.77	PATTY LYNCH	30
JOHN MYKKANEN	26	MARK MILLS	38	STAN MORNER	57	ANDREW ELLIS	23
CAMERON REID	30	LARRY VINCENT	35	FRED TRASK	64	H2OUSTON SWIMS	1:34.35
SCAQ A	7:33.72	ALMADEN SWIM	8:45.85	MIKE MILLIMAN	57	DAVID GUTHRIE	31
CHRIS CAVANAUGH	29	TOM SAVASO	37	DON BROWN	58	SHERRI WELDON	21
DUFFY CUTLER	28	JEFF NEUROTH	45	ADMS	11:59.87	STACY JONES	26
PAUL DONOHUE	31	DAVE CLARE	42	HERB ALVARADO	57	RUSSELL KNEIPP	23
GERRY RODRIGUES	29	DAVE WHEELER	35	PATRICK QUINN	61	HOLMES LUMBER J	1:35.11
SOUTH BAY	7:37.60	SAN MATEO	8:47.96	S. PETREQUIN	60	KIMBERLY BEATTIE	24
ROBERT EBERWINE	31	JOHN WALKER	36	BRIAN HEAD	57	CRIS WILLIAMS	31



# TOP TEN

## SHORT COURSE YARDS

LINDA NEARY	28	BECKY HELLER	28	HARRY GREENFIELD		KNIGHT-PERRY	56
JOHN STEIN	40	DAVID WENDEL	25	ANGELA KONIG		DUDLEY DEGROOT	64
CONNECTICUT MAS	1:36.69	SCAQ F	1:37.59	NANCY RIDOUT		JACQUELYN PIPER	55
MATTHEW ROSSI	24	CHRIS CAVANAUGH	29	RICHARD BAUSCHARD		HAROLD FERRIS	61
ROBERT TORGERSON	30	KEITH KAPLAN	25	TAMALPAIS AQUAT	1:44.59	NEW ENGLAND MAS	2:07.76
J.KEOGH-BERGETHON	28	SARAH TURNER	30	GARY PARLAPIANO	45	DIANE REED	61
KATHERINE BRANCH	34	KAREN MELICK	34	JANE NICHOLS	50	PAT PETERSEN	57
GEORGIA MASTERS	1:36.85	COLONIALS "1776	1:39.44	RICHARD BURNS	48	TED HAARTZ	64
CLAY STANTON	24	JOSEPH THIER	28	NANCY RIDOUT	50	TOM LYNDON	60
STEFFANIE LAVEN	31	MARTHA BENT	32	ROCKY MOUNTAIN	1:46.65	ST. LOUIS	2:09.76
LINDLEY DOUGHTY	33	EDGAR BORJA	31	PAUL MCCORMICK	45	GENE BUSCHER	57
MICHAEL MCCOOL	29	DIANE MUNTZER	29	BOB LIEB	51	WILLIAM CANNON	61
VIRGINIA MASTER	1:36.89			JUDY REED	48	DON SERY	67
JAMES MCFARLAND	34	35 +		R.CRANMER-BALL	46	DON KLINGLER	56
JILL WALSH	32	R:LONE STAR	91 1:34.75	ST PETE MASTERS	1:52.78	MARYLAND	2:11.00
CLAIBORNE BOLEK	28	TRIP HEDRICK		GARY TRIMBLE	49	DONALD RICE	58
NEILL WILLIAMS	24	RICHARD HESS		ELAINE BROMWICH	49	NANCY BROWN	55
LINCOLN MASTERS	1:37.15	MALINDA ARVESEN		JOHN MAGUIRE	45	CAROL KNEPP	66
MARY KUSKOWSKI	23	L. MORRISON-CASEY		JAYNE LAMBKE	52	ROBERT JOHNSON	55
MARK TOWNSEND	24	COLONIALS "1776	1:37.29	MARYLAND	1:53.06	RALEIGH AREA MA	2:11.98
KATIE DECKER	21	CHARLES NORELLI	37	LYNNE BRAGG	45	SHIRLEY BEETHAM	59
DAN DUMFORD	24	DOT MUNGER	40	MARJORIE BURLEY	46	C.BOURGEOIS	58
EMPIRE STATE	1:39.27	DEBORAH CAIN	35	C.OSTROM	46	BERNIECE GREETHAM	65
TIMOTHY JOYCE	32	PETER MUNGER	40	CARL CHRISTENSEN	54	DICK WEBBER	63
MONICA LEE	24	NEW ENGLAND MAS	1:39.98	RALEIGH AREA MA	1:53.23	LINCOLN MASTERS	2:13.77
CHERYL KUPAN	27	EDWIN PYLE III	42	M.FITZMAURICE	46	JANET JOHNSON	56
MICHAEL BRADY	24	GAYLE WETTACH	35	JEANNE KOGER	48	LOUISE DONOVAN	73
		PAMELA POWERS	41	CEIL BLACKWELL	51	H. SEEGERS	62
25 +		JONATHAN ROURKE	37	PETER MCGRAIN	47	DAVID VEAR	60
R:S. CAL AQUATIC 90	1:29.40	COLONIALS "1776	1:41.09	VIRGINIA MASTER	1:55.71	VIRGINIA MASTER	2:14.35
CHUCK PONTHER		MARK SCHUMAN	36	MIKE DUGNAN	45	MARILYN GRENDER	61
DIANE GRANER		ROBERT BIRNBRAUER	42	JUDY DECKER	49	FORREST SULLIVAN	62
KRISTINE BUSH		SUSAN ROSE	37	ALEC THOMSON	48	WILLIAM IRWIN	64
PETER MCCLAFFERTY		STEPHANIE WALSH	42	LUCILLE GRIFFIN	53	JOHNNIE DETRICK	56
GEORGIA MASTERS	1:32.95	CONNECTICUT MAS	1:41.33	NIAGARA	1:57.16	HOLMES LUMBER J	2:17.53
ANDREW PULSIFER	26	JOHN PHILLIPS	45	JANE GRAM	45	JACK BEATTIE	57
AMY PLESS	29	BOB KANE	37	WILLIAM ADAMS	45	SYLVIA EISELE	62
BETH GARDNER	26	SARAH EICHER	35	DAN WALTERS	46	TELFAIR MAHAFFEY	56
WHITNEY FOSTER	25	DONNA NEARY	36	KAY TURNER	45	ERNESTINE BEATTIE	55
HOLMES LUMBER J	1:33.39	GEORGIA MASTERS	1:41.39	CONNECTICUT MAS	1:57.48		
CHRIS STEVENSON	27	YVONNE VANCE	37	JACK GEOGHEGAN	50	65 +	
MARY ROEBUCK	30	RIC JOHNSON	36	MICHAEL LAUX	50	R:LINCOLN	85 2:10.27
JACK MCKEAN	27	F.WILLIAMSON	44	DOROTHY DONNELLY	70	FRANK HAVLICEK	
SUDI MILLER	25	REED FARRIS	37	MARGIT JEBO	53	WESTLEY WEBB	
CHAPEL HILL MAS	1:33.73	VIRGINIA MASTER	1:41.53	LAKE	2:00.25	JEANNETTE EPPLEY	
MA'TE' WIERDL	33	JOE KERNAN	37	MARY JANE MULLINS	60	LOUISE KELLEY	
J.EDMUNDSON	28	TERRY GAULT	41	DICK ABBOTT	48	NEW ENGLAND MAS	2:12.20
LISA O'DELL	26	PATRICIA CHAPPELL	37	JEAN HENDERSON	45	CLARA WALKER	65
THOMAS DAVIS	34	LANG MEEM	37	TOM FINNEGAN	45	B.BURRILL	71
VIRGINIA MASTER	1:35.90	PALMETTO MASTER	1:42.63	GREATER OHIO MA	2:01.11	JAMES EDWARDS	69
DAVID MALSBURY	30	WILLIAM YOUNGER	35	PAT WHITE MALEY	48	WINTHROP WILSON	65
SCOTT ROBINSON	27	JOHN BURTON	35	SARA SACHS	46	HOLMES LUMBER J	2:15.35
VAL VAN HORN PATE	29	KATIE MCNAMARA	37	THOMAS TRIPP	49	ROGERS HOLMES	70
ALICE PHILLIPS	26	SUSAN BLATTNER	35	THOMAS OLANDER	50	FLORENCE CARR	66
RALEIGH AREA MA	1:35.97	LINCOLN MASTERS	1:42.80			RICHARD AVERY	69
GREG SANCHEZ	34	BOYD BLACK	35	55 +		JUNE REYNOLDS	70
LIZ KURZAWA	25	HEIDI REMAK	40	R:SOUTHERN CAL	87 1:56.25	COLONIALS "1776	2:19.63
SUSAN HAUGH	30	CYNTHIA JONES	42	JOHN HOWE		ROGER FRANKS	65
LOUIS DUDLEY	27	KIRK BENNEWITZ	37	ANN ADAMS		BIRCH DAVIDSON	73
EMPIRE STATE	1:36.45	SIERRA NEVADA M	1:43.10	PETER BUCKLEY		FAY BECK	65
WILLIAM HENNESSY	31	STEVEN LINTZ	41	GAIL ROPER		JEANNE MERRYMAN	69
MARCIA CLEVELAND	28	CELESTE MILLER	42	SAN DIEGO SM	1:58.46	SPACE COAST	2:32.18
ROBIN MOLESE	28	SALLY DILLON	45	DON BAKER	61	RUSS WITTE	75
STEVEN FISHER	30	CLIFFORD JOHNSON	40	BETSY JORDAN	55	SUE MC GAUGHEY	70
MECKLENBURG AQU	1:37.07	EMPIRE STATE	1:43.27	JEANNE LITTLE	55	BUNNY CEDERLUND	70
JOHN ANERALLA	29	KAREN FARNSWORTH	36	BILL EARLEY	55	AL ROGERSON	66
PETER HOLLETT	32	JILL FRIEDMAN	35	GOLDCOAST	2:06.89	CONN/WESTPORT	2:35.76
PATRICIA HUEY	30	WILLIAM ROSS	43	HERB KERN	60	NANCY PHILLIPS	70
CHRISTINE HOLMAN	27	R.KOLONKOWSKI	44	ANNE MC GUIRE	57	DOROTHY DONNELLY	70
LINCOLN MASTERS	1:37.57			JUNE KRAUSER	65	WAYNE SHADBOLT	67
GERALD WATERS	30	45 +		DONALD SONIA	62	GUS LANGNER	88
ADRIANNE HAMPO	27	R:TAMALPAIS	90 1:41.83	ST PETE MASTERS	2:07.73	HOLMES LUMBER J	2:37.60

# TOP TEN

## SHORT COURSE YARDS

HARWELL MOSELEY	73	NEILL WILLIAMS	24	PETER MCCLAFFERTY	29	TAMALPAIS AQUAT	1:54.80
GERTRUD ZINT	74	CLAIBORNE BOLEK	28	DIANNA TATE	31	RICHARD BURNS	48
BILL UHRICH	71	ALICE PHILLIPS	26	LEZLIE GRUENLER	29	GARY PARLAPIANO	45
MARJORIE NEWMAN		GEORGIA MASTERS	1:48.57	DURHAM AQUATIC	1:50.20	JANE NICHOLS	50
SLM	2:44.65	LINDLEY DOUGHTY	33	SHERYL WATKINS	27	NANCY RIDOUT	50
ANNALOU CARRIER	71	TOM NORTHCUTT JR	26	ROBERT SCHMITZ	39	DC MASTERS	1:58.60
REGAN KENNER	68	CLAY STANTON	24	TED GREVE	34	JOHN CALVERT	46
ART KELLY	66	MARY BURRITT	30	SHEREEN BARRY	29	TIM MILLER	46
ROBERT BLAKE	67	LINCOLN MASTERS	1:50.17			BARBARA FRID	50
VIRGINIA MASTER	2:46.92	DAN DUMFORD	24	35 +		NANCY KIRKENDALL	49
E.WOLENBERG	71	MARY KUSKOWSKI	23	R:S. CAL AQUATIC 92	1:44.23	DC MASTERS	2:03.65
CALVIN BARNES	68	MARK TOWNSEND	24	CLAY EVANS		STEVEN HIGHLEY	45
MARIE KELLEHER	79	KATIE DECKER	21	KAREN MELICK		JOANN LEILICH	53
FRANCIS HALL	65	SACRAMENTO	1:50.38	JIM BELARDI		ANN SVANSON	46
ST PETE MASTERS	2:54.51	MINDY WRIGHT	24	BONNIE ADAIR		CHARLES BECHTEL	54
ROBERT ATWOOD	71	LISA CHRISTO	24	SOUTHERN CALIFO	1:44.23	LOS ALTOS	2:04.75
FRANCES CICHANSKI	75	SCOTT MORGAN	30	CLAY EVANS	38	ED CAZALET	49
KAY SCHIMPF	74	DOUG SMITH	29	KAREN MELICK	35	TOM BOAK	48
BILL MOLVIE	73	VIRGINIA MASTER	1:50.89	JAMES BELARDI	35	CAROLYN BOAK	46
NIAGARA	3:03.84	ROBIN HAMPTON	25	BONNIE ADAIR	39	ARLENE PROEBSTING	49
MIKE GAUDY	71	ALFRED WALSH	31	COLONIALS "1776	1:47.10	RALEIGH AREA MA	2:06.25
GEORGE BAUMAN	77	J.B. BRINKMAN	33	SUSAN ROSE	37	GARY DILLEY	47
I. D'AGOSTINO	65	PAULA JONES	23	MARK SCHUMAN	36	PETER FOGARASSY	52
BETTY DUNN	67			PETER MUNGER	40	JEANNE KOGER	48
		25 +		DOT MUNGER	40	CEIL BLACKWELL	51
75 +		R:LONE STAR	91 1:39.01	DC MASTERS	1:51.39	ROCKY MOUNTAIN	2:06.59
R:RINCONADA	87 2:44.49	MOOK RHODENBAUGH		JAMES DENSMORE JR	36	F.WENDELKEN	53
ART RULE		GREG RHODENBAUGH		MATTHEW KANZLER	35	SANFORD PLATTER	53
BEE JOHNSON		VAL KERR-HAUGE		SUSAN SKIFF	37	R.CRANMER-BALL	46
ELLEN TAIT		AMY PLESS		ANN LYTTLE	44	JUDY REED	48
JOE IRVINE		U OF SAN FRAN	1:44.75	CONNECTICUT MAS	1:51.76	MARYLAND	2:06.62
HOLMES LUMBER J	3:17.41	JILL ROTHKOPF	25	JOHN PHILLIPS	45	CARL CHRISTENSEN	54
FRANK TILLOTSON	77	ERIC LARSON	25	BOB KANE	37	MARJORIE BURLEY	46
CARL THORNBURG	79	MATT JONES	26	DONNA NEARY	36	C.OSTROM	46
VIOCKIE SULLIVAN	75	MICHELE YOUNG	27	SARAH EICHER	35	MARILYN LUMPKIN	48
MILLIE HUPP	76	CHAPEL HILL MAS	1:45.12	WALNUT CREEK	1:51.85	VIRGINIA MASTER	2:08.55
*****		JONATHAN KLEIN	34	PATTY LANDERS	35	LUCILLE GRIFFIN	53
RELAYS: MIXED 200 YD. MEDLEY		J.EDMUNDSON	28	JOHN ROEMER	36	BETSY DURRANT	50
*****		SEAN DOWD	31	DEBBIE FLANSBURG	36	KENNETH NOVELL	49
19 +		LISA O'DELL	26	CAREY KENT	40	ALEC THOMSON	48
R:H2OUSTON	92 1:42.81	GEORGIA MASTERS	1:45.49	LOS ALTOS	1:53.09	ST PETE MASTERS	2:09.13
STACY JONES		BETH GARDNER	26	LAURA VAL	40	PETER BETZER	49
DAVID GUTHRIE		MICHAEL MCCOOL	29	MABRY TYSON	43	ELAINE BROMWICH	49
RUSS KNEIPP		RANDALL HYRE	28	STEVE SCHULTZ	35	JAYNE LAMBKE	52
SHERRI WELDON		STEFFANIE LAVEN	31	CAROLYN BOAK	45	JACK PYHEL	47
H2OUSTON SWIMS	1:42.81	WALNUT CREEK	1:45.84	COLONIALS "1776	1:54.72	WALNUT CREEK	2:12.99
STACY JONES	26	PAM BOSCOVICH	29	DEBORAH CAIN	35	CAROL LAIRD	49
DAVID GUTHRIE	31	JOHN MURPHY	28	KATHRYNE CLARK	38	DON DAVIS	47
RUSSELL KNEIPP	23	STEVE STAHL	27	ROBERT KROTEE	37	JIM KING	45
SHERRI WELDON	21	CAREN MCNAMARA	31	ROBERT BROWN	38	JANET KINNEY	48
DURHAM AQUATIC	1:44.00	U OF SAN FRAN	1:47.92	EMPIRE STATE	1:54.82		
LINDA SUHS	24	KIRK JENSEN	31	KAREN FARNSWORTH	36	55 +	
JON HOWELL	24	BETHANNE LAMBERT	25	JON EINSIDLER	41	R:D.C. MASTERS	92 2:10.35
RUSSELL KRETZ	30	JOHN MCCOMISH	26	R.KOLONKOWSKI	44	SKIP MONSEIN	
TERESA ZURICK	26	KELLY ASPLUND	30	JILL FRIEDMAN	35	KENNETH FLYNN	
RALEIGH AREA MA	1:45.47	U OF SAN FRAN	1:48.33	VIRGINIA MASTER	1:55.19	BETTY BREY	
JILL BENDA	23	DAN KNIGHT	31	JON BAKER	36	JAYNE BRUNER	
LISA BROWN	21	JACK EWING	31	PATRICIA CHAPPELL	37	DC MASTERS	2:10.35
CHUCK NIEMEYER	24	LORETTA SOFFE	25	LOUIS TUDOR	36	SKIP MONSEIN	57
KELLY BARNHILL JR	24	MARTHA OLSEN	32	TERRY GAULT	41	KENNETH FLYNN	62
U OF SAN FRAN	1:46.99	DAVIS	1:49.14	GEORGIA MASTERS	1:55.58	BETTY BREY	60
CYNTHIA HINSHAW	22	CHRIS CHICHESTER	28	REED FARRIS	37	JAYNE BRUNER	58
JOHN HARLOW	24	ANDY MCPHERSON	45	P.REVIE-PETTERSEN	35	SAN DIEGO SM	2:17.97
MARK FIORITO	24	CHRIS OSHIRO	35	RIC JOHNSON	36	BETSY JORDAN	55
JANET HAUER	23	ANNA SCOTT	29	F.WILLIAMSON	44	BILL EARLEY	55
U OF SAN FRAN	1:47.06	EMPIRE STATE	1:49.50			JEANNE LITTLE	55
JENNIFER SADLER	20	THOMAS SCALA	29	45 +		DON BAKER	61
JAKE BAYLESS	19	ROBIN MOLESE	28	R:TAMALPAIS	92 1:54.80	WALNUT CREEK	2:19.50
GREG MACKEM	23	CHERYL KUPAN	27	RICHARD BURNS		DON BROWN	58
NATALIE EFFA	24	STEVEN FISHER	30	GARY PARLAPIANO		ANN PISCIOTTA	61
VIRGINIA MASTER	1:48.23	SOUTHERN CALIFO	1:50.03	JANE NICHOLS		FRED TRASK	64
MARK GILL	23	JUSTUS BREESE	27	NANCY RIDOUT		DONNA MONROE	58

# TOP TEN

## SHORT COURSE YARDS

VIRGINIA MASTER	2:21.45	SAN MATEO	3:00.89	LINDA LIPINSKI	32	JIM WANDERER	26
FORREST SULLIVAN	62	AUDREY ETIENNE	75	LESLIE CHEQUER	26	CHRIS KARAZAWA	25
JOHNNIE DETRICK	56	RAY TAFT	72	BOB MAYER	24	KIM ELSBACH	29
WILLIAM IRWIN	64	ZADA TAFT	72	RANDY COX	29	KEN FATTLAR	35
ANN BERQUIST	58	FRED TAIOLI	71	U OF SAN FRAN	3:42.17	ST. LOUIS	3:50.54
RALEIGH AREA MA	2:26.95	WISCONSIN MASTE	3:05.32	NATALIE EFFA	24	DANA WIELE	29
BERNIECE GREETHAM	65	JOSEPHINE PALLIN	72	JAKE BAYLESS	19	LEO LETENDRE	38
SANDRA KREMER	56	JOHN PALLIN	72	MARY LEE	24	F. FLOCKER	34
DICK WEBBER	63	DONALD KILB	65	CHRIS DAVIS	24	KAREL STAREK	26
C.BOURGEOIS	58	BETTY KENDALL	71	DURHAM	3:44.73	TAMALPAIS	3:53.47
RINCONADA	2:28.65	SUNCOAST	3:08.71	LINDA SUHS	24	DAVE KENYON	34
RICHARD BENNETT	61	ROLAND HIPSHER	67	JOHN HELLER	29	SHARON SALTZMAN	33
CINDY BAXTER	59	BARDI DENDY	71	JOHN PAYNE	27	SUZANNE HEIM	33
BOBBIE CALLISON	59	BALINT PAPP	70	SHEREEN BARRY	29	HUGH WINN	50
ALDO DAROSA	74	EDNA GORDON	65	DAVIS	3:45.62	RALEIGH AREA	3:53.78
GKMS	2:31.62	VIRGINIA MASTER	3:11.92	CHRIS CHICHESTER	28	MIKE GAONA	34
JEAN FOX	56	CALVIN BARNES	68	SHARON BLAHA	31	LAURA VANDERBURY	25
WANG LAU	55	MARIE KELLEHER	79	MINDY WRIGHT	24	DAWN ARMFIELD	29
WILLIAM LAUER	57	FRANCIS HALL	65	MIKE COLLINS	26	JOHN ARMFIELD	26
BARBARA HANSEN	55	E.WOLENBERG	71	WALNUT CREEK	3:45.68		
ST PETE MASTERS	2:32.20			GREG REMMERT	29	35 +	
BEVERLEY TUCKER	56	75 +		BRENDON WEN	22	R:LOS ALTOS	90 3:40.82
RAY BURNS	56	R:D.C. MASTERS	92 3:11.96	PAULA ROEMER	31	CAROLYN BOAK	
THOMAS SMITH	64	ANNE WALKER		COLLEEN HAZLETT	28	LARIE VAL	
BARBARA ALLEN	58	KELLEY LEMMON		SANTA CLARA	3:45.86	FRED MITCHELL	
MACO	2:33.05	NANCY CLARK		BETH SEATON	24	ED CAZALET	
LAVELLE STOINOFF	59	BERT KASSELL		THERESA HESSLER	41	WALNUT CREEK	3:49.78
JOYCE BAHLER	62	DC MASTERS	3:11.96	TIM CEPEDES	32	JOHN ROEMER	37
ROBERT KIM	58	ANNE WALKER	76	HOWARD COYE	37	CAREY KENT	40
THOMAS FALK	56	KELLEY LEMMON	80	SACRAMENTO	3:45.96	PATTY LANDERS	35
LOS ALTOS	2:35.66	NANCY CLARK	77	MINDY WRIGHT	24	DEBBIE FLANSBURG	36
DELLA SEHORN	64	BERT KASSELL	79	ANDREW BRENNAN	31	U OF SAN FRAN	3:58.61
JOHN RICHARDS	69	WALNUT CREEK	3:35.82	ANITA BENEDICT	28	RICHARD ATONDO	41
JOHN PONISCHILL	65	FRIEDA SIDORSKY	75	DOUG SMITH	30	MARY SAAL	38
BERNA BENNETT	64	HAL PERRY	80			TIM HARVEY	37
		JEAN DURSTON	77	25 +		PHYLLIS QUINN	36
65 +		LOU NAGY	80	R:U OF SAN FRAN	92 3:27.39	SOUTH BAY B	4:02.15
R:LINCOLN	85 2:27.90	HOLMES LUMBER J	3:50.67	DAN KNIGHT		MARCIA BARRY	43
ED SHEA		MILLIE HUPP	76	KELLY ASPLUND		RANDY LYMAN	39
FRANK HAVLICEK		FRANK TILLOTSON	77	MICHELLE YOUNG		CAROLE SHIGAKI	36
GERTRUDE ZINT		CARL THORNBURG	79	MATT JONES		JOHN PITZER	40
LOIUUSE KELLEY		VICKIE SULLIVAN	75	U OF SAN FRAN	3:27.39	OJAI	4:02.76
OREGON	2:37.64	ST PETE MASTERS	3:50.97	DAN KNIGHT	31	JAMES BARRETT	44
GERALD HUESTIS	72	FRANCES CICHANSKI	75	KELLY ASPLUND	30	STEVEN DUTTER	40
PAULINE STANGEL	70	WIN KENNEDY	78	MICHELE YOUNG	27	JUDY CAMPBELL	40
ANDREW HOLDEN	73	JOHN JOHNSTON	76	MATT JONES	26	DAWN BRINKER	42
PETEY SMITH	67	KERMIT HOTVEDT	77	U OF SAN FRAN	3:28.99	U OF SAN FRAN	4:04.01
HOLMES LUMBER J	2:40.27	*****		DEAN PANZICA	29	JOHN DOWNER	41
RICHARD AVERY	69	RELAYS: MIXED 400 YD. FREE		LORETTA SOFFE	25	CATHY HUANG	36
GERTRUD ZINT	74	*****		JILL ROTHKOPF	25	MICHAEL STRAUZ	41
ROGER HOLMES	71	19 +		JOHN MCCOMISH	26	DIANA DAVIS	35
FLORENCE CARR	66	R:U OF SAN FRAN	92 3:25.18	WALNUT CREEK	3:30.86	WEST HOLLYWOOD	4:15.30
RINCONADA	2:45.47	GREG MACKEM		CHRIS BOND	25	MORRI SPANG	35
ELI GOLDFARB	66	JENNIFER SADLER		CAREN MCNAMARA	31	KATHY CONTE	45
NAN BLACKLEDGE	67	BRENDA WICKLUND		SUZIE DUNCAN	25	PAULO FIGUEIREDO	45
SALLY SCHOLER	68	GARY YANG		TOM MONTOYA	25	TOM MC CLAY	47
ED KIRSWILL	65	U OF SAN FRAN	3:25.18	WALNUT CREEK	3:42.19	U OF SAN FRAN	4:18.30
ST. LOUIS	2:46.70	GREG MACKEM	23	JIM FEGAN	28	RANDY WESTLEY	40
REGAN KENNER	68	JENNIFER SADLER	20	STEVE STAHL	27	BARB BRINKERHOFF	40
ART KELLY	66	BRENDA WICKLUND	23	LISA TALLMAN	27	DUKE DAHLIN	43
ANNALOU CARRIER	71	GARY YANG	23	KIM COLLENTINE	25	ANN SASAKI	42
ROBERT BLAKE	66	DAVIS	3:27.77	U OF SAN FRAN	3:42.59	WALNUT CREEK	4:20.12
HOLMES LUMBER J	2:50.67	ANNA SCOTT	29	LYNN JOLLY	26	CHRIS NOLTE	35
JUNE REYNOLDS	70	CHRIS OSHIRO	35	DOUG COOK	29	SUSAN WISTI	36
BRUD CLEAVELAND	74	MELISSA ZAHARIAS	24	MARtha OLSEN	32	LINDA BUDA	42
HARWELL MOSELEY	73	ANDY MCPHERSON	45	MIKE RICHMAN	31	DENNIS SHANNON	40
JEAN BEERS	69	U OF SAN FRAN	3:32.97	DURHAM	3:43.87	INLAND EMPIRE	4:23.07
SPACE COAST	2:54.96	JANET HAUER	23	DOUG ASBURY	32	MARGARET HAIR	37
BUNNY CEDERLUND	70	JOHN HARLOW	23	RUSSELL KRETZ	30	MICHAEL LITTLE	36
RUSS WITTE	75	CYNTHIA HINSHAW	22	DARCY TYRELL	27	ELIN ZANDER	38
SUE MC GAUGHEY	70	MARK FIORITO	24	TERESA ZURICK	26	DAVID ZANDER	43
AL ROGERSON	66	LOS ALTOS	3:38.15	RINCONADA	3:44.21	CULVER-PALMS Y	4:31.63

# TOP TEN

## SHORT COURSE YARDS

RONALD QUANT	42	RITA MAY	56	ED BLACKLEDGE	76	ALAN ARATA	30
MARY YAMAZAKI	44	WALNUT CREEK	4:52.55	75 +		KAREN BURTON	29
LEONE	43	BETTY BARABASH	63	R:WALNUT CREEK	92 7:04.46	DAVIS	4:19.30
CHUCK MILAM	46	STAN MORNER	57	HAL PERRY		MELISSA BEATY	34
45 +		DON BROWN	58	LOW NAGY		KEN DOO	25
R:TAMALPAIS	90 4:02.83	ANN PISCIOTTA	61	SALLY JOY		CHRIS OSHIRO	35
MARK LYON		WALNUT CREEK	4:59.08	JEAN DURSTON		CHRIS WINN	25
ANGELA KONIG		STAN PEDDER	57	WALNUT CREEK	7:04.46	WEST HOLLYWOOD	4:19.49
NANCY RIDOUT		FRED TRASK	63	HAL PERRY	80	ANDREA DEVIJONO	29
DOUG STEVENS		JOAN ALEXANDER	60	LOU NAGY	80	MATT KNIGHT	30
DAVIS	4:32.08	DONNA MONROE	58	SALLY JOY	75	GREGORY JORDY	29
RON HARVEY	46	U OF SAN FRAN	5:21.94	JEAN DURSTON	77	VICKI ROBERTS	28
SUSAN MUNN	53	TERRY CARLISLE	57	*****		GOST	4:20.24
BETTY DUGAN	50	GAIL ROPER	62	RELAYS: MIXED 400 YD. MEDLEY		JOE REINHARDT	30
JIM FRAMPTON	45	ED HOWES	57	*****		SUSAN BLOOMFIELD	39
WALNUT CREEK	4:34.79	MARGARET VOORHEES	63	19 +		JOHN PEARSON	26
JIM KING	45	ST PETE MASTERS	5:24.09	R:U OF SAN FRAN	91 3:58.70	LAURA KESSLER	31
CAROL LAIRD	49	HAROLD FERRIS	61	JILL ROTHKOPF		O*H*I*O MASTERS	4:22.83
DON DAVIS	47	BEVERLEY TUCKER	56	PERRY WU		ROBIN KALMAN	32
JANET KINNEY	48	BARBARA ALLEN	58	DAVE SCHRAVEN		KARL KAZMAIER	36
U OF SAN FRAN	4:51.83	RAY BURNS	56	LORETTA SOFFE		JENNIFER UEBELE	27
PAUL MENYHARTH	45	WALNUT CREEK	5:46.48	DAVIS	4:02.02	JACK GROSELLE	37
NANCY STRETCH	52	FRANK PISCIOTTA	60	DARREN DUTTO	23	LINCOLN MASTERS	4:31.83
JOHN LADD	46	JEAN DUNCAN	59	KEVIN PEARSALL	24	LIZ HOBBS	30
CAROL REQUADT	54	SALLY MORNER	55	ANNA SCOTT	29	LARRY SCHUMACHER	31
RINCONADA	4:53.81	MIKE MILLIMAN	57	CHRIS CHICHESTER	28	DAVID GIBSON	31
CAROL REMEN	53	GKMS	5:46.87	NIAGARA	4:17.83	MARTHA SHEHAN	28
SUE SPRINGER	53	JEAN FOX	56	COLIN ADAMS	23	SE METRO	4:44.28
FRANK AREOLA	48	BARBARA HANSEN	55	DEBBIE DOURLAIN	30	ANTHONY CLANTON	31
JIM SHAW	50	WANG LAU	55	CAROLYN KOSTER	30	KATHLEEN PEARSON	34
O*H*I*O MASTERS	5:00.21	WILLIAM LAUER	57	HENRY HEPPNER	26	MATT STEVENS	32
LUISE EASTON	53	U OF SAN FRAN	7:00.65	PNA	4:31.94	SHELLEY HOSTETLER	33
ROBERTA BOBERSKI	51	KURT HENSCH	62	ZENA HERRMANN	32	SACRAMENTO	4:44.95
RICHARD BAUSCHARD	47	MARY ALLEN	59	DAVID HILL	30	TRISH SEPULVADO	27
JOE VAN HORN	55	HERB MADDEN	62	JEFF PARADEE	32	LARRY CHELLEMI	33
TAMALPAIS	5:00.73	DEBORAH KEEVE	55	TAMMI KEELER	23	GEORGE SIBLEY	48
JIM NICHOLS	50	65 +		IEM	4:31.94	KATHY SINOR	35
BEN WRIGHT	49	R:CONNECTICUT	87 5:15.84	ZENA HERRMANN	32	SCAQ B	5:28.56
RUTH WINN	48	D. DONNELLY		DAVID HILL	30	SYLVIA GLENN	54
KIKI TORMEY	52	N. PHILLIPS		JEFF PARADEE	32	MARY HICKEY	35
OJAI	5:05.09	R. CHAMBERLAIN		TAMI KEELER	23	P.MC CLAFFERTY	29
RICK GOEDEN	45	J. JERROLD		WEST HOLLYWOOD	4:33.35	WAYNE YOUNG	41
HARRY DELATRE	45	RINCONADA	5:30.17	MAGGIE PARR	24	SOUTH BAY B	6:03.03
CAROLE BORLAND	48	SALLY SCHOLER	67	ROBERT FUENTES	28	PATRICIA BAXTED	55
C.SPRACKLIN	47	NAN BLACKLEDGE	67	KURT SMITH	31	BENNETT MOXON	32
GOST	5:05.47	ELI GOLDFARB	66	ERIN CHILDS	34	CHRISTINE BAXTED	28
FREDERICKA RAPP	47	ED KIRSWILL	65	SCAQ A	4:39.85	ROBERT SCOLES	70
PAT WHITE MALEY	48	SAN MATEO	5:42.89	KATE HUTTLESTON	32	35 +	
ROBERT KOENIG	54	AUDREY ETIENNE	75	RAYMOND CAMACHO	27	R:EMPIRE STATE	91 4:10.00
JOSEPH PESCHEL	47	FRED TAIOLI	71	MARC GLOMB	29	KAREN FARNSWORTH	
ST PETE MASTERS	5:09.34	RAY TAFT	72	YASMIN ANWAR	21	SKIP BARTHOLD	
JACQUELYN PIPER	54	ZADA TAFT	72	SOUTH BAY A	4:41.50	JOHN EGAN	
HARRY PIPER	57	WALNUT CREEK	6:27.16	ANN FINLEY	29	CHRIS ZIMMET	
PETER BETZER	49	BILL JOHNSTON	72	SUSAN STORER	28	WEST HOLLYWOOD	4:31.42
JAYNE LAMBKE	52	PAT PREVETZ	70	MANUEL ARANDA	21	MORRI SPANG	35
O*H*I*O MASTERS	5:17.86	ERNIE KASSNER	72	DAVID BIRD	28	MARK CHATFIELD	38
MAUREEN KOSS	48	JAE HOWELL	69	BVCY	4:49.05	TOM REUDY	37
JULIO APONTE	46	U OF SAN FRAN	6:54.60	FRED DERR	22	KATHY CONTE	45
DORIS LOCKER	48	RICHARD SCHOMBERG	65	E.BURCHETT	30	LINCOLN MASTERS	4:35.58
PHIL CHERRY	53	SARAH DAVIS	68	MICHELLE KITZE	25	PATRICIA BOLING	39
55 +		JIM FRANKEL	68	DAVID BARNETT	28	DIETER KULICKE	51
R:OJAI	92 4:27.94	ANNA RECCHIA	66	25 +		JOHN ADAMS	39
ROBERT MAY		NIAGARA	7:16.81	R:WALNUT CREEK	91 3:51.18	C.STONESIFER	39
JACK SPACKLIN		I. D'AGOSTINO	65	PAM BOSCOVICH		WEST HOLLYWOOD	5:15.39
RUTH FARNHAM		GEORGE BAUMAN	77	TOM FRISTOE		THOMAS WILSON	37
RITA MAY		HELEN KILLORY	70	STEVE STAHL		JESSICA SEATON	39
OJAI	4:27.94	MARTIN KILLORY	73	SARA SHAND		MAURO BORDOVSKY	35
ROBERT MAY	58	RINCONADA	7:39.27	AIR FORCE A	4:08.84	ARIEL LEVIN	41
JACK SPRACKLIN	61	C.FAIRCHILD	67	ANNA PLANTIER	28	IEM	5:18.93
RUTH FARNHAM	62	KATHERINE BAILEY	68	AVERY KINTNER	30	MIKE LITTLE	36
		ELLEN TAIT	81			MARGARET HAIR	37

# TOP TEN SHORT COURSE YARDS

CAROLYN KENT	46	ED KERSWISS		JOHN BOEGMAN		MARCIA BARRY	43
CHUCK TASCA	46	NO RELAY TEAMS		CATHY COOLEY		RANDY LYMAN	39
ADMS	5:40.70			SARA SHAND		CAROLE SHIGAKI	36
BETSY OWENS	41	75 +		GREG REMMERT		BRUCE PETTIBONE	37
BRIAN HEAD	57	R:RINCONADA	91 9:27.58	AIR FORCE A	7:43.68	LOS ALTOS	9:04.26
HERB ALVARADO	57	BERNIE SILBER		ANNA PLANTIER	28	R.LACAMPAGNE	37
KATHLEEN MEANY	35	BERNARD SILBER		KAREN BURTON	29	KRISTY KING	44
GOST	5:55.24	ED BLACKLEDGE		ALAN ARATA	30	CATHY SCHULBACH	38
P.STRICKLAND	51	ELLEN TAIT		AVERY KINTNER	30	STEVE SCHULTZ	35
MADDY DELLWO	39	NO RELAY TEAMS		WALNUT CREEK	7:57.59	WEST HOLLYWOOD	9:40.96
TOM MOYER	44	*****		WENDY INGRAHAM	28	KATHY CONTE	45
DONALD KROEGER	48	RELAYS: MIXED 800 YD. FREE		DAVE COOL	31	MORRI SPANG	35
		*****		PAM BOSCOVICH	29	THOMAS WILSON	37
45 +		19 +		STEVE STAHL	27	PAULO FIGUEIREDO	45
R:DC MASTERS	90 4:34.11	R:DAVIS	92 7:48.42	LOS ALTOS	8:02.45	LOS ALTOS	9:46.59
DALE MCGINLEY		ANNA SCOTT		RANDY COX	33	DAVID SANDER	39
JOANN LEILICH		C. CHICHESTER		LINDA LIPINSKI	32	VICTORIA KING	39
BOB BENNETT		ANDY MCPHERSON		LESLIE CHEQUER	26	P.MCFATE-JOHNSON	35
JAYNE BRUNER		DARREN DUTTO		GREG DOYAS	29	STAN SHOEMAKER	35
OREGON	5:17.62	DAVIS	7:48.42	MINNESOTA	8:41.09	LINCOLN MASTERS	9:59.63
ROBERT SMITH	49	ANNA SCOTT	29	VICKY SANDBERG	35	DIETER KULICKE	51
NANCY BROOKS	49	CHRIS CHICHESTER	28	K.PARKINSON	28	PATRICIA BOLING	39
CHRIS ALLAN	47	ANDY MCPHERSON	45	WAYDE MULHERN	32	C.STONESIFER	39
JAN PLESNER	45	DARREN DUTTO	23	ROBERT DAVIDSON	43	JOHN ADAMS	39
ST PETE MASTERS	5:29.16	LOS ALTOS	8:21.30	SCAQ B	8:41.81	ALMADEN SWIM	10:51.32
PETER BETZER	49	MATT STOLL	28	DAVID LUBARSKY	30	M. WHEELER	35
SANDY STEER	52	JANET KELLOGG	22	KEITH KAPLAN	25	J. BECKER	46
STEVEN GRAU	46	DENICE CAZALET	24	SHARI LATTA	33	A. HOWARD	42
JAYNE LAMBKE	52	BILL OLIVER	30	MARY ROSE O'MEILL	31	M. MCCLELLAN	37
GOST	5:30.67	PNA	8:32.83	WALNUT CREEK	8:42.24	WEST HOLLYWOOD	11:12.48
THOMAS TRIPP	49	WAYNE METHLIER	38	SUSAN NOLTE	30	ARIEL LEVIN	41
PAT MALEY	48	JUSTIN FARABEE	26	DAVE CADEMATORI	27	JESSICA SEATON	39
YOSHI OYAKAWA	58	TAMMI KEELER	23	BRAD GOTHBERG	29	JAY OLSON	42
SARA SACHS	46	DEBBIE FALSGRAF	27	CARY KENT	39	TOM MC CLAY	47
O*H*I*O MASTERS	5:33.32	LOS ALTOS	8:33.75	STRAWBERRY C	8:46.01	IEM	11:17.10
ROBERTA BOBERSKI	51	STEVE GREENWALD	30	JASON CAMPBELL	30	H.CARLING-SMITH	41
LUISE EASTON	53	SHERYL FANT	26	SUE LATTSHAW	30	GLORIA DURANTE	39
RICHARD BAUSCHARD	47	DARBY ELLEMAN	31	KATE HARTLEY	29	BRIAN PETERSON	43
DAN PER-LEE	48	WALT PATTERSON	28	VINCE NIBLER	29	BOB HENAGER	41
GOST	5:39.68	ALMADEN SWIM	8:47.79	DAVIS	8:59.57		
CHRIS GILLIGAN	48	J. LESYNA	24	CHRIS WINN	26	45 +	
ROBERT KOENIG	54	E. FERNANDEZ	35	MELISSA BEATY	34	R:LOS ALTOS	92 9:09.04
THOMAS ORLANDER	50	H. LOWLES	25	CHRIS OSHIRO	35	ED CAZALET	
FREDERICKA RAPP	48	D. WHEELER	35	CHAZ HESSELEIN	36	GRACE VOSS	
DAVIS	5:40.94	CHICO	8:57.39	BVCY	9:00.33	CAROLYN BOAK	
RON HARVEY	46	TONY DANIELSON	34	E.BURCHETT	30	DAVE GRAY	
ANDY MCPHERSON	45	MIKE HERNANDEZ	39	MICHELLE KITZE	25	LOS ALTOS	9:09.04
MARY HORTON	49	DIANA BEREXA	24	DAVID BARNETT	28	ED CAZALET	49
BETTY DUGAN	50	LESLIE RAFOTH	34	KEVIN TUNGSTALL	26	GRACE VOSS	48
		PNA	9:13.81	IEM	9:13.38	CAROLYN BOAK	46
55 +		JACK TUREK	19	VICKI MARSH	29	DAVE GRAY	45
R:WALNUT CREEK	91 5:17.37	KATHRINE CASEY	43	TODD MARSH	30	WALNUT CREEK	10:18.10
DON BROWN		ZENA HERRMANN	32	ELIN ZANDER	37	CAROL LAIRD	49
ANN PISCIOTTA		STEVE FREEBORN	36	MICHAEL SMITH	42	BETTY MCMILLAN	62
STAN MORNER		MOUNTAIN VIEW	9:20.00			TOM HENDRY	45
BETTY BARABASH		KIM HAXTON-HOFF	21	35 +		DON DAVIS	47
SAN DIEGO SM	5:23.67	LINDA GLAVE	25	R:LOS ALTOS	91 8:29.88	LOS ALTOS	10:44.59
BETSY JORDAN	55	JOHN KEADY	28	ED CAZALET		TOM BOAK	48
BILL EARLEY	55	CHRIS CAMPBELL	30	FRED MITCHELL		ARLENE PROEBSTING	49
JEANNE LITTLE	55	WEST HOLLYWOOD	9:20.17	THERESA HESSLER		ANN ONTON	48
DON BAKER	61	JOANNE ALLEN	23	C FERRIS-BOAK		BARRY DOOLEY	47
ST PETE MASTERS	6:20.84	ANDREA DEVUONO	29	WALNUT CREEK	8:29.91	GOST	10:46.34
BARBARA ALLEN	58	TOM REUDY	37	DEBBIE FLANSBURG	36	DONALD KROEGER	48
BEVERLEY TUCKER	56	JIM WISECARVER	41	PATTY LANDERS	35	SARA SACHS	46
RAY BURNS	56	IEM	9:28.24	CHRIS NOLTE	35	PAT MALEY	48
HAROLD FERRIS	61	MIKE LITTLE	36	CHALIE HANSEN	39	E.B. LUNKEN	50
65 +		CAROLYN KENT	46	SAN DIEGO SWIM	8:47.78	STRAWBERRY C	10:48.50
R:RINCONADA	91 5:54.09	MARGARET HAIR	36	WENDY B WATSON	42	JERRY ABAD	52
NON BLACKLEDGE		KEVIN CURTIS	24	RONALD A MARCIKIC	42	JUDY SARNA	52
PATSY WEISS				BARBARA G DUNBAR	43	ARLENE WAKSBURG	46
ALDO DA ROSA		25 +		WILLIAM G BEHUN	40	DON RHETT	48
		R:WALNUT CREEK	91 7:41.32	SOUTH BAY C	9:03.44	DAVIS	11:00.87

# TOP TEN

## SHORT COURSE YARDS

MARY HORTON	49
BETTY DUGAN	50
RON HARVEY	46
JIM FRAMPTON	45
IEM	11:14.39
DAVE DABOLL	55
LINDA ELY	46
GARRY HARN	56
CAROLYN KENT	46
ALMADEN SWIM	12:19.91
J. HEATH	54
M. FARNSWORTH	51
M. SMITH	46
B. SMITH	47
IEM	12:20.75
MARDELLE SHAGOOL	55
BOB OLSON	50
WILL DOLPHIN	66
OPAL OLSON	47

55 +

R:NEW ENGLAND	87	10:28.18
C. WALKER		
D. REED		
T. HAARTZ		
T. LYNDON		
WALNUT CREEK	10:45.50	
BETTY BARABASH	63	
DONNA MONROE	58	
FRED TRASK	64	
DON BROWN	58	
WALNUT CREEK	11:49.46	
JOAN ALEXANDER	59	
SALLY MORNER	55	
STAN MORNER	57	
STAN PEDDER	57	
LOS ALTOS	14:07.89	
JOHN GILFOIL	59	
DELLA SEHORN	64	
BERNA BENNETT	64	
JACK MCCANN	70	

65 +

R:CONNECTICUT	91	12:33.35
WAYNE SHADBOLT		
ROGER CHAMBERLAIN		
NANCY PHILLIPS		
DOT DONNELLY		
WALNUT CREEK	14:57.11	
ERNIE SMITH	72	
JAE HOWELL	68	
COALIE BIDWELL	65	
BOB HALL	71	

75 +

R:ST. PETE	89	16:04.30
JAMES MITCHELL		
CELIA BALLARD		
WIN KENNEDY		
FRED WALBOLT		
NO RELAY TEAMS		

# WORLD RECORDS

## SHORT COURSE METERS (as of 5-31-92)

WRL SCM RECORDS AS OF 05-01-92											
***** M E N *****						***** W O M E N *****					
***** 25-29 *****						***** 25-29 *****					
23.16	11-10-91	USA	ROBERT PEEL	50	M. FREE	LIZ FABRIZIO	USA	10-15-89	26.93		
51.74	-	HOL	L VERHAGE	100	M. FREE	M. RODAHL	NZL	-	-90 58.93		
1:54.00	10-15-89	USA	BRAD WELLS	200	M. FREE	R. WILLIAMS	NZL	-	-91 2:05.80		
4:04.50	07-20-86	CAN	G WALBOURN	400	M. FREE	L. MARSHALL	CAN	-	-91 4:25.94		
8:29.19	-	SWE	T. LENNARTSSON	800	M. FREE	DIANE GRANER	USA	-	-90 9:18.99		
16:26.54	-	ENG	T. DAY	1500	M. FREE	DIANE GRANER	USA	-	-90 17:36.04		
27.25	10-15-89	USA	CLAY BRITT	50	M. BACK	DIANE GRANER	USA	10-15-89	30.63		
58.42	10-15-89	USA	CLAY BRITT	100	M. BACK	DIANE GRANER	USA	10-15-89	1:04.66		
2:09.12	10-15-89	USA	BRAD WELLS	200	M. BACK	J. DE ROVER	HOL	-	-92 2:17.86		
28.81	-	AUS	G FARROW	50	M. BRST	R. WILLEMSE	HOL	-	-90 33.60		
1:04.49	-	HOL	F VIJVER	100	M. BRST	R. WILLEMSE	HOL	-	-90 1:13.60		
2:24.68	10-15-89	USA	PETER MCCLAFFERTY	200	M. BRST	B. STEINHOF	WGR	-	-90 2:44.82		
25.77	10-15-89	USA	JAMES LILLEY	50	M. FLY	A. ERIKSSON	SWE	-	-92 29.48		
57.07	10-15-89	USA	BRAD WELLS	100	M. FLY	S. MCDONALD	SCO	-	-B 1:05.71		
2:07.65	-	ENG	P SHACKLEY	200	M. FLY	S. PALMER-WHITE	AUST	-	-91 2:17.13		
57.70	-	AUS	G FARROW	100	M. I.M.	M. RODAHL	NZL	-	-90 1:06.84		
2:10.85	-	ENG	R. LEE	200	M. I.M.	DIANE GRANER	USA	10-15-89	2:24.07		
4:43.99	12-09-90	USA	ALLAN JAEGER	400	M. I.M.	S. PALMER-WHITE	AUST	-	-91 5:06.88		
***** M E N *****						***** W O M E N *****					
***** 30-34 *****						***** 30-34 *****					
22.82	10-15-89	JPN	ROWDY GAINES	50	M. FREE	SANDY NEILSON	USA	05-10-87	26.55		
50.51	10-15-89	JPN	ROWDY GAINES	100	M. FREE	SANDY NEILSON	USA	-	-88 57.35		
1:50.91	10-15-89	JPN	ROWDY GAINES	200	M. FREE	SANDY NEILSON	USA	05-10-87	2:06.83		
4:02.66	10-15-89	JPN	ROWDY GAINES	400	M. FREE	BETH KNIGHT	USA	02-04-90	4:31.88		
8:34.26	10-15-89	USA	DAN STEPHENSON	800	M. FREE	L MARSHALL	CAN	-	-91 9:09.90		
17:11.56	06-09-90	USA	MATT CLARK	1500	M. FREE	BONNIE DURDY	USA	11-18-89	18:24.43		
27.18	04-28-91	USA	J. CLAY BRITT	50	M. BACK	L HASSELUQUIST	USA	12-09-89	32.24		
58.12	04-28-91	USA	J. CLAY BRITT	100	M. BACK	LINDLEY DOUGHTY	USA	11-10-91	1:10.41		
2:15.67	10-15-89	USA	FRITZ LEHMAN	200	M. BACK	ZENA HERRMANN	USA	12-15-91	2:32.32		
30.03	-	JPN	G. CHRISTIANSEN	50	M. BRST	D. HILBIG	GER	-	-92 33.74		
1:05.97	-	JPN	G. CHRISTIANSEN	100	M. BRST	LISA BENNETT	USA	10-15-89	1:18.13		
2:24.92	-	JPN	G. CHRISTIANSEN	200	M. BRST	ESTER ISEPPI	SWI	10-15-89	2:49.16		
25.06	04-09-89	USA	MICHAEL BOTTOM	50	M. FLY	S NEILSON-BELL	USA	-	-88 30.20		
56.43	04-09-89	USA	MICHAEL BOTTOM	100	M. FLY	R. PERROTT	NZL	-	-91 1:04.69		
2:13.62	12-11-88	USA	R MARK SCHUMAN	200	M. FLY	N. NIXON	AUST	-	-92 2:26.35		
1:00.98	-	USA	J. CLAY BRITT	100	M. I.M.	SANDY NEILSON	USA	-	-88 1:07.78		
2:12.33	09-17-88	USA	TOBY WEISSERT	200	M. I.M.	SANDY NEILSON	USA	05-10-87	2:27.11		
4:55.11	12-11-88	USA	R MARK SCHUMAN	400	M. I.M.	R. PERROTT	NZL	-	-92 5:13.69		
***** M E N *****						***** W O M E N *****					
***** 35-39 *****						***** 35-39 *****					
23.98	10-15-89	USA	BILL VICKERY	50	M. FREE	JACKI HIRSTY	USA	10-15-89	27.66		
53.94	10-15-89	USA	BILL VICKERY	100	M. FREE	JACKI HIRSTY	USA	10-15-89	1:00.75		
1:59.38	10-15-89	USA	LARRY WOOD	200	M. FREE	JACKI HIRSTY	USA	10-15-89	2:12.69		
4:18.22	10-04-91	USA	ROB COPELAND	400	M. FREE	DANIELLE OGIER	USA	12-16-90	4:51.04		
9:13.76	10-15-89	USA	LARRY WOOD	800	M. FREE	LAURA VAL	USA	05-31-87	9:46.95		
17:25.79	10-03-91	USA	ROB COPELAND	1500	M. FREE	LAURA VAL	USA	05-29-87	18:27.71		
28.05	10-15-89	USA	MEL NASH	50	M. BACK	LAURA VAL	USA	10-06-91	32.50		
1:01.45	04-29-90	USA	THOMAS WOLF	100	M. BACK	PAT GILMORE	CAN	-	-B 1:10.47		
2:15.47	04-29-90	USA	THOMAS WOLF	200	M. BACK	PAT GILMORE	CAN	-	-B 2:34.09		
31.94	10-15-89	USA	BILL VICKERY	50	M. BRST	LESLIE OSBORNE	USA	10-15-89	34.63		
1:08.30	-	WGR	G KRUGER	100	M. BRST	LESLIE OSBORNE	USA	10-15-89	1:16.70		
2:28.35	10-15-89	USA	GREG HARRISON	200	M. BRST	LESLIE OSBORNE	USA	10-15-89	2:50.93		
25.96	06-01-91	USA	RICHARD HESS	50	M. FLY	LAURA VAL	USA	10-06-91	30.05		
1:00.67	-	AUST	N ROGERS	100	M. FLY	LAURA VAL	USA	10-06-91	1:07.42		
2:17.46	12-09-90	USA	DAVID VANDAM	200	M. FLY	LAURA VAL	USA	10-06-91	2:28.96		
1:01.06	06-01-91	USA	RICHARD HESS	100	M. I.M.	JACKI HIRSTY	USA	10-15-89	1:11.55		
2:15.67	10-15-89	USA	CLAY EVANS	200	M. I.M.	CATHERINE KOHN	USA	10-15-89	2:35.52		
4:53.16	10-15-89	USA	CLAY EVANS	400	M. I.M.	KAREN FARNSWORTH	USA	10-27-91	5:30.35		
***** M E N *****						***** W O M E N *****					
***** 40-44 *****						***** 40-44 *****					
24.91	09-17-88	USA	ANDY MCPHERSON	50	M. FREE	M. PATOH	HUN	-	-90 29.09		
55.35	09-17-88	USA	ANDY MCPHERSON	100	M. FREE	S. SHRIMPTON	ENG	-	-B 1:04.92		
2:01.01	10-15-89	USA	KEVIN POLANSKY	200	M. FREE	BARBARA DUNBAR	USA	10-27-91	2:21.22		
4:18.45	10-15-89	USA	KEVIN POLANSKY	400	M. FREE	BARBARA DUNBAR	USA	02-04-90	4:53.28		
9:01.20	10-15-89	USA	KEVIN POLANSKY	800	M. FREE	BARBARA DUNBAR	USA	02-10-91	10:04.16		
17:38.17	05-31-87	USA	DAVID GRAY	1500	M. FREE	BARBARA DUNBAR	USA	02-04-90	19:00.81		
28.93	10-06-91	USA	JERRY HEIDENREICH	50	M. BACK	S. PLATT-ROGERS	ENG	-	-91 33.85		
1:04.50	10-15-89	USA	RIC COOLEY	100	M. BACK	B. BAZUREAU	FRA	-	-92 1:13.17		
2:22.17	10-15-89	USA	TOD SPIEKER	200	M. BACK	B. BAZUREAU	FRA	-	-92 2:39.04		
31.33	10-15-89	USA	PAUL HENNE	50	M. BRST	B PRONK	CAN	06-27-87	38.00		
1:10.70	10-15-89	MEX	RAFAEL HERNANDEZ	100	M. BRST	GINGER PIERSON	USA	09-11-88	1:23.81		
2:38.16	10-15-89	MEX	RAFAEL HERNANDEZ	200	M. BRST	GINGER PIERSON	USA	06-27-87	3:01.86		
26.67	08-11-91	USA	JOHN HEIDENREICH	50	M. FLY	S. PLATT-ROGERS	ENG	-	-91 31.81		
1:00.79	10-15-89	USA	ANDREW MCPHERSON	100	M. FLY	BARBARA DUNBAR	USA	10-29-89	1:10.56		
2:16.15	10-15-89	USA	BOO GALLAS	200	M. FLY	BARBARA DUNBAR	USA	10-29-89	2:32.19		
1:02.30	10-15-89	USA	RIC COOLEY	100	M. I.M.	S. O'NEIL	ENG	-	-91 1:14.63		
2:18.73	10-15-89	USA	JOHN CALVERT	200	M. I.M.	BARBARA DUNBAR	USA	06-15-91	2:42.81		
5:00.76	10-15-89	USA	JOHN CALVERT	400	M. I.M.	BARBARA DUNBAR	USA	-	-90 5:42.95		

# WORLD RECORDS

## SHORT COURSE METERS (as of 5-31-92)

***** M E N *****				45-49 *****	***** W O M E N *****			
25.46	10-15-89	USA	RICHARD WOODROW	50 M. FREE	NANCY RIDOUT	USA	10-15-89	30.05
56.64	10-15-89	USA	KEEFE LODWIG	100 M. FREE	NANCY RIDOUT	USA	10-15-89	1:07.90
2:05.81	- -88	USA	ED CAZALET	200 M. FREE	ARDETH MUELLER	USA	12-12-87	2:28.69
4:29.82	- -91	BAR	A EDGHILL	400 M. FREE	C. FERRIS-BOAK	USA	10-06-91	5:23.41
9:26.18	- -92	BAR	A. EDGHILL	800 M. FREE	JANE KATZ	USA	10-27-91	11:04.43
18:10.24	- -91	BAR	A EDGHILL	1500 M. FREE	PAT MALEY	USA	11-04-90	22:18.64
29.33	03-12-89	USA	ROBERT SMITH	50 M. BACK	S. TAKEUJI	JPN	- - B	35.43
1:05.31	03-12-89	USA	ROBERT SMITH	100 M. BACK	S. TAKEUJI	JPN	- - B	1:17.13
2:24.87	10-27-91	USA	JOHN CALVERT	200 M. BACK	BETTY BENNETT	USA	05-13-89	2:56.06
31.95	- -91	HOL	K WITTENHOUT	50 M. BRST	ELAINE BROMWICH	USA	12-09-90	38.67
1:10.70	10-06-91	USA	ROBERT STRAND	100 M. BRST	ELAINE BROMWICH	USA	12-09-90	1:25.20
2:41.02	12-14-91	USA	ROBERT STRAND	200 M. BRST	GINGER PIERSON	USA	04-21-91	3:04.75
27.62	10-15-89	USA	RICHARD WOODROW	50 M. FLY	J. WILSON	ENG	- -91	33.36
1:03.48	- -90	USA	GARY LANGENDOEN	100 M. FLY	J. WILSON	ENG	- -91	1:15.58
2:28.48	- -90	USA	GARY LANGENDOEN	200 M. FLY	ARDETH MUELLER	USA	12-12-87	2:37.88
1:06.13	03-04-90	USA	ROBERT SMITH	100 M. I.M.	ARDETH MUELLER	USA	10-03-87	1:14.41
2:24.45	10-27-91	USA	JOHN CALVERT	200 M. I.M.	ARDETH MUELLER	USA	10-03-87	2:42.88
5:17.02	10-15-89	USA	ED CAZALET	400 M. I.M.	ARDETH MUELLER	USA	10-03-87	5:55.35
***** M E N *****				50-54 *****	***** W O M E N *****			
26.35	11-06-88	USA	JEFF FARRELL	50 M. FREE	Y OSAKI	JPN	- -89	31.31
59.21	- -90	SWE	P. BERGEGREN	100 M. FREE	ARDETH MUELLER	USA	10-06-91	1:06.41
2:15.10	06-09-90	USA	HENRY SOUTHALL	200 M. FREE	ARDETH MUELLER	USA	12-07-91	2:27.95
4:45.96	-4 -85	USA	BURWELL JONES	400 M. FREE	ARDETH MUELLER	USA	10-06-91	5:12.43
9:50.17	10-15-89	USA	DRURY GALLAGHER	800 M. FREE	LAVELLE STOINOFF	USA	02-01-87	11:35.78
19:04.02	- -92	ENG	M. WAKE	1500 M. FREE	LAVELLE STOINOFF	USA	02-01-87	21:44.35
31.42	10-15-89	USA	JOHN SMITH	50 M. BACK	BETSY JORDAN	USA	04-07-91	37.59
1:09.38	- -91	NZL	B. YOUNG	100 M. BACK	ARDETH MUELLER	USA	12-07-91	1:20.50
2:30.21	- -91	NZL	B. YOUNG	200 M. BACK	ARDETH MUELLER	USA	12-07-91	2:48.88
33.09	- -90	JPN	H. KOTEGAWA	50 M. BRST	E. LOSKAMP	HOL	- -92	38.82
1:14.72	10-15-89	USA	DRURY GALLAGHER	100 M. BRST	E. LOSKAMP	HOL	- -92	1:25.73
2:45.11	10-15-89	USA	DRURY GALLAGHER	200 M. BRST	E. LOSKAMP	HOL	- -92	3:08.87
29.34	05-01-88	USA	ROBERT PROEBSTING	50 M. FLY	E. LOSKAMP	HOL	- -92	35.23
1:06.66	10-15-89	USA	ROBERT PROEBSTING	100 M. FLY	ARDETH MUELLER	USA	10-06-91	1:12.66
2:36.01	10-15-89	USA	ROBERT PROEBSTING	200 M. FLY	SPERRY RADEMAKER	USA	10-15-89	3:11.83
1:07.60	10-15-89	USA	DRURY GALLAGHER	100 M. I.M.	ARDETH MUELLER	USA	12-07-91	1:18.05
2:31.52	10-15-89	USA	DRURY GALLAGHER	200 M. I.M.	Y OSAKI	JPN	- -91	2:57.65
5:20.81	10-15-89	USA	DRURY GALLAGHER	400 M. I.M.	ARDETH MUELLER	USA	12-07-91	5:56.24
***** M E N *****				55-59 *****	***** W O M E N *****			
26.60	10-15-89	USA	DONALD HILL	50 M. FREE	JAYNE BRUNER	USA	10-15-89	31.83
1:00.08	10-15-89	USA	DONALD HILL	100 M. FREE	JAYNE BRUNER	USA	10-15-89	1:11.63
2:21.68	12-09-90	USA	BURWELL JONES	200 M. FREE	LAVELLE STOINOFF	USA	03-12-89	2:40.27
5:00.88	10-25-87	USA	GRAHAM JOHNSTON	400 M. FREE	LAVELLE STOINOFF	USA	03-12-89	5:34.32
10:35.62	10-25-87	USA	GRAHAM JOHNSTON	800 M. FREE	LAVELLE STOINOFF	USA	03-12-89	11:29.99
20:03.24	12-09-90	USA	BURWELL JONES	1500 M. FREE	LAVELLE STOINOFF	USA	03-12-89	21:35.84
32.69	10-15-89	USA	YOSHI OYAKAWA	50 M. BACK	P HUTCHINGS	AUST	- -92	39.80
1:12.17	10-15-89	USA	YOSHI OYAKAWA	100 M. BACK	NANCY BROWN	USA	10-05-91	1:28.79
2:41.11	11-15-89	USA	JACK BEATTIE	200 M. BACK	LAVELLE STOINOFF	USA	03-12-89	3:11.13
33.52	- -91	JPN	N KOTEGAWA	50 M. BRST	JAYNE BRUNER	USA	11-10-91	40.69
1:16.32	06-04-88	USA	MANUEL SANGUILY	100 M. BRST	F. CONNOLLY	SCO	- -90	1:28.13
2:51.47	10-15-89	USA	MANUEL SANGUILY	200 M. BRST	F. CONNOLLY	SCO	- -90	3:12.85
30.15	- -90	USA	ROBERT BAILIE	50 M. FLY	J. ASHER	ENG	- - B	37.87
1:13.47	11-04-90	USA	WALLY DOBLER	100 M. FLY	F. CONNOLLY	SCO	- -89	1:27.88
2:53.71	10-15-89	USA	MANUEL SANGUILY	200 M. FLY	F. CONNOLLY	SCO	- -90	3:11.42
1:12.67	12-10-89	USA	BURWELL JONES	100 M. I.M.	JAYNE BRUNER	USA	10-15-89	1:24.19
2:41.86	12-09-90	USA	BURWELL JONES	200 M. I.M.	F. CONNOLLY	SCO	- -90	3:05.23
5:54.37	12-10-89	USA	BURWELL JONES	400 M. I.M.	F. CONNOLLY	SCO	- -90	6:36.03
***** M E N *****				60-64 *****	***** W O M E N *****			
28.30	- -91	JPN	S TAMAMOTO	50 M. FREE	J ASHER	ENG	- -91	33.54
1:05.52	07-15-90	USA	CHARLES BALDWIN	100 M. FREE	J ASHER	ENG	- -91	1:13.68
2:21.77	08-11-91	USA	GRAHAM JOHNSTON	200 M. FREE	J ASHER	ENG	- -91	2:49.55
5:14.08	12-03-88	USA	WILLIAM PHILLIPS	400 M. FREE	CLARA WALKER	USA	02-15-87	6:02.43
11:14.13	03-05-89	USA	WILLIAM PHILLIPS	800 M. FREE	CLARA WALKER	USA	04-21-90	12:21.67
21:46.98	04-21-90	USA	WIN WILSON	1500 M. FREE	CLARA WALKER	USA	04-21-90	23:28.15
34.81	10-19-86	USA	PAUL HUTINGER	50 M. BACK	CLARA WALKER	USA	10-15-89	39.60
1:17.31	10-19-86	USA	PAUL HUTINGER	100 M. BACK	CLARA WALKER	USA	10-15-89	1:29.13
2:49.82	10-15-89	USA	ROGER FRANKS	200 M. BACK	DORIS STEADMAN	USA	12-10-88	3:16.14
37.53	12-10-89	USA	JOSEPH KURTZMAN	50 M. BRST	E. BOEHM	WGR	- -90	42.02
1:23.19	10-15-89	USA	DONALD VANROSSEN	100 M. BRST	ANN PISCIOTTA	USA	10-06-91	1:39.26
3:06.66	- -91	ITA	B. GRAJA	200 M. BRST	ANN PISCIOTTA	USA	10-20-91	3:36.01
32.09	- -91	JPN	N KATO	50 M. FLY	J ASHER	ENG	- -91	38.40
1:16.56	09-26-87	ENG	J HALE	100 M. FLY	PAT DOTSON	USA	06-27-87	1:36.95
3:06.04	10-15-89	USA	CHARLES MOSS	200 M. FLY	JUNE KRAUSER	USA	12-11-88	3:33.12
1:15.84	- -91	JPN	N KATO	100 M. I.M.	CLARA WALKER	USA	10-15-89	1:27.50
2:46.69	08-11-91	USA	GRAHAM JOHNSTON	200 M. I.M.	CLARA WALKER	USA	06-24-90	3:14.28
6:19.49	10-15-89	USA	CHARLES MOSS	400 M. I.M.	CLARA WALKER	USA	06-09-91	6:58.97



# WORLD RECORDS

## SHORT COURSE METERS (as of 5-31-92)

*****		M E N *****			65-69 *****			W O M E N *****		
29.63	11-04-90	USA	FRANK PIEMME	50 M.	FREE	M CUNNINGHAM	AUS	- -90	34.92	
1:07.13	12-09-90	USA	FRANK PIEMME	100 M.	FREE	CLARA WALKER	USA	12-08-91	1:20.80	
2:36.10	12-09-90	USA	FRANK PIEMME	200 M.	FREE	M CUNNINGHAM	AUS	- -90	3:02.54	
5:37.93	10-06-91	USA	ED KERSWILL	400 M.	FREE	CLARA WALKER	USA	12-14-91	6:16.83	
11:55.05	12-29-90	USA	FRANK PIEMME	800 M.	FREE	CLARA WALKER	USA	12-14-91	12:38.09	
22:21.91	11-17-90	USA	FRANK PIEMME	1500 M.	FREE	CLARA WALKER	USA	12-14-91	23:48.62	
36.36	11-03-90	USA	PAUL HUTINGER	50 M.	BACK	DORIS STEADMAN	USA	10-15-89	40.48	
1:23.24	11-03-90	USA	PAUL HUTINGER	100 M.	BACK	DORIS STEADMAN	USA	10-15-89	1:30.41	
3:03.05	11-03-90	USA	PAUL HUTINGER	200 M.	BACK	DORIS STEADMAN	USA	10-15-89	3:15.72	
38.48	11-10-91	USA	JOSEPH KURTZMAN	50 M.	BRST	BETTY CHRISTIAN	USA	11-19-89	47.39	
1:27.85	- -90	GER	K KNOPS	100 M.	BRST	L BURG-BONNIER	HOL	- -90	1:43.57	
3:15.28	- -91	GER	K KNOPS	200 M.	BRST	M. EVANS	ENG	- -90	3:46.02	
33.63	12-09-90	USA	FRANK PIEMME	50 M.	FLY	M CUNNINGHAM	AUST	- -90	44.27	
1:21.66	11-10-91	USA	JOSEPH KURTZMAN	100 M.	FLY	JUNE KRAUSER	USA	10-06-91	1:38.74	
3:13.03	11-10-91	USA	JOSEPH KURTZMAN	200 M.	FLY	JEANNETTE EPPLEY	USA	11-05-88	4:10.63	
1:20.20	06-08-86	USA	RAY TAFT	100 M.	I.M.	M CUNNINGHAM	AUS	10-06-90	1:37.07	
3:03.80	12-09-90	USA	FRANK PIEMME	200 M.	I.M.	CLARA WALKER	USA	12-08-91	3:18.77	
6:42.13	12-09-90	USA	FRANK PIEMME	400 M.	I.M.	FLORENCE CARR	USA	12-09-90	7:57.77	
*****		M E N *****			70-74 *****			W O M E N *****		
31.80	- - B	JPN	T NAKASHIMA	50 M.	FREE	LOUISE DONOVAN	USA	10-15-89	40.42	
1:14.48	01-26-86	USA	KELLEY LEMMON	100 M.	FREE	LOUISE DONOVAN	USA	12-11-88	1:31.84	
2:46.86	07-07-89	USA	RAY TAFT	200 M.	FREE	LENORE WINGARD	USA	-6 -84	3:28.41	
5:56.06	07-14-89	USA	RAY TAFT	400 M.	FREE	RITA SIMONTON	USA	12-03-88	7:17.22	
12:15.49	07-21-89	USA	RAY TAFT	800 M.	FREE	RITA SIMONTON	USA	12-10-89	15:06.99	
23:59.12	04-29-88	USA	ALDO DA ROSA	1500 M.	FREE	RITA SIMONTON	USA	- -90	28:29.85	
38.44	10-15-89	USA	RAY TAFT	50 M.	BACK	W VAN RYSEL	ENG	12-13-87	45.08	
1:24.30	10-15-89	USA	RAY TAFT	100 M.	BACK	W VAN RYSEL	ENG	12-13-87	1:44.02	
3:07.57	10-15-89	USA	RAY TAFT	200 M.	BACK	W VAN RYSEL	ENG	- -90	3:53.86	
40.02	- -90	WGR	W. MINNICH	50 M.	BRST	I. FRITZE	GER	- -92	50.53	
1:32.13	04-30-88	USA	ALDO DA ROSA	100 M.	BRST	I FRITZE	HOL	- -91	1:54.84	
3:24.66	05-01-88	USA	ALDO DA ROSA	200 M.	BRST	M. HAMURO	JPN	- -90	4:09.41	
36.09	- -90	USA	ANDREW HOLDEN	50 M.	FLY	C KERR	CAN	- -91	48.27	
1:31.20	12-09-89	USA	PAUL KRUP	100 M.	FLY	GERTRUD ZINT	USA	12-10-88	2:04.25	
3:31.97	10-15-89	USA	ANTON CERER	200 M.	FLY	MAXINE MERLINO	USA	11-02-86	4:36.96	
1:21.87	10-15-89	USA	RAY TAFT	100 M.	I.M.	C KERR	CAN	- -91	1:43.67	
3:08.13	10-15-89	USA	RAY TAFT	200 M.	I.M.	RITA SIMONTON	USA	12-03-88	4:04.81	
6:50.27	10-15-89	USA	RAY TAFT	400 M.	I.M.	RITA SIMONTON	USA	11-19-88	8:34.79	
*****		M E N *****			75-79 *****			W O M E N *****		
32.78	- -88	USA	KELLEY LEMMON	50 M.	FREE	H. SUGAYA	JPN	- -91	42.88	
1:15.94	- -88	USA	KELLEY LEMMON	100 M.	FREE	V CHERRIMAN	ENG	- -85	1:45.53	
2:59.20	10-15-89	USA	DEXTER WOODFORD	200 M.	FREE	U. WADA	JPN	- -90	3:50.58	
6:23.81	10-15-89	USA	DEXTER WOODFORD	400 M.	FREE	V CHERRIMAN	ENG	12-13-86	7:56.05	
13:17.26	10-15-89	USA	DEXTER WOODFORD	800 M.	FREE	MAXINE MERLINO	USA	11-19-88	17:16.06	
25:15.05	- -91	CAN	N. ARTUS	1500 M.	FREE	MAXINE MERLINO	USA	10-16-88	33:53.33	
41.90	-5 -85	WGR	R REINSTADTLER	50 M.	BACK	W. VAN RYSEL	ENG	- -91	48.06	
1:34.84	12-08-90	USA	EDWARD SHEA	100 M.	BACK	W. VAN RYSEL	ENG	- -91	1:48.13	
3:27.82	- -92	USA	EDWARD SHEA	200 M.	BACK	W. VAN RYSEL	ENG	- -91	4:00.43	
42.99	- -90	JPN	H YOSHIMOTO	50 M.	BRST	D. WESTON	ENG	- -90	58.41	
1:42.06	11-18-90	USA	DON MCCULLOUGH	100 M.	BRST	E. PAULI	GER	- -91	2:00.27	
3:36.71	10-07-90	USA	DON MCCULLOUGH	200 M.	BRST	MAXINE MERLINO	USA	10-30-88	4:35.24	
43.99	-9 -85	USA	BILL SHOTT	50 M.	FLY	MAXINE MERLINO	USA	03-20-88	59.27	
1:44.78	11-18-90	USA	DON MCCULLOUGH	100 M.	FLY	MAXINE MERLINO	USA	12-03-88	2:12.17	
4:01.10	11-18-90	USA	DON MCCULLOUGH	200 M.	FLY	MAXINE MERLINO	USA	10-30-88	4:48.50	
1:35.55	04-16-89	USA	KELLEY LEMMON	100 M.	I.M.	MAXINE MERLINO	USA	03-20-88	2:00.07	
3:35.61	04-16-88	USA	KELLEY LEMMON	200 M.	I.M.	MAXINE MERLINO	USA	10-30-88	4:17.89	
7:49.57	10-07-90	USA	DON MCCULLOUGH	400 M.	I.M.	MAXINE MERLINO	USA	02-07-88	9:07.66	
*****		M E N *****			80-84 *****			W O M E N *****		
37.85	10-27-91	USA	GERSON SOBEL	50 M.	FREE	JULIA DOLCE	USA	10-15-89	48.76	
1:27.87	10-27-91	USA	GERSON SOBEL	100 M.	FREE	V CHERRIMAN	ENG	12-13-87	1:53.70	
3:22.37	10-27-91	USA	GERSON SOBEL	200 M.	FREE	JULIA DOLCE	USA	10-15-89	4:17.73	
7:05.20	12-17-86	AUST	F LOUGH	400 M.	FREE	V CHERRIMAN	ENG	10-24-87	8:51.10	
15:41.78	12-17-86	USA	GUS LANGNER	800 M.	FREE	V CHERRIMAN	ENG	12-13-87	18:11.90	
29:58.32	12-21-86	USA	GUS LANGNER	1500 M.	FREE	V CHERRIMAN	ENG	- - -	35:44.26	
46.85	- -90	JPN	T TERAU	50 M.	BACK	V CHERRIMAN	ENG	- - B	1:05.08	
1:45.81	- -90	JPN	T TERAU	100 M.	BACK	V CHERRIMAN	ENG	- - B	2:24.00	
4:01.12	02-01-87	USA	HERB EISENSCHMIDT	200 M.	BACK	SALLY SCOTT	USA	12-10-88	5:18.44	
45.52	- -91	GER	K. WITTENBERG	50 M.	BRST	V CHERRIMAN	ENG	- - B	1:07.65	
2:09.01	10-29-89	USA	JIM PENFIELD	100 M.	BRST	MADELEINE MILLER	USA	12-09-90	2:40.99	
4:45.98	- -91	CAN	J. MCDIARMID	200 M.	BRST	ELSA MATTILA	USA	04-28-91	5:33.05	
49.08	08-11-91	USA	JESSE COON	50 M.	FLY	V CHERRIMAN	ENG	- - B	1:13.27	
2:07.29	08-11-91	USA	JESSE COON	100 M.	FLY	KATHERINE PELTON	USA	11-22-86	3:09.18	
5:14.66	08-11-91	USA	JESSE COON	200 M.	FLY	ELSA MATTILA	USA	04-28-91	6:20.56	
1:53.59	02-01-87	USA	HERB EISENSCHMIDT	100 M.	I.M.	V CHERRIMAN	ENG	- - B	2:21.39	
4:36.38	12-06-87	USA	HERB EISENSCHMIDT	200 M.	I.M.	ELSA MATTILA	USA	04-28-91	5:23.78	
9:25.63	09-11-88	USA	HERB EISENSCHMIDT	400 M.	I.M.	ELSA MATTILA	USA	04-28-91	11:19.93	

# WORLD RECORDS

## SHORT COURSE METERS (as of 5-31-92)

***** M E N *****			85-89 *****			***** W O M E N *****		
44.61	10-15-89	USA	GUS LANGNER	50 M.	FREE	MARIAN MCKECHNIE	USA	10-15-89 1:03.78
1:41.46	10-15-89	USA	GUS LANGNER	100 M.	FREE	ANNA BAUSCHER	USA	10-15-89 3:01.15
3:48.20	10-15-89	USA	GUS LANGNER	200 M.	FREE	MARIAN MCKECHNIE	USA	10-15-89 5:33.83
7:54.24	12-10-88	USA	GUS LANGNER	400 M.	FREE			
16:53.90	12-10-88	USA	GUS LANGNER	800 M.	FREE	MARIAN MCKECHNIE	USA	10-15-89 24:05.34
32:20.20	12-11-88	USA	GUS LANGNER	1500 M.	FREE			
59.79	12-07-91	USA	HERB EISENSCHMIDT	50 M.	BACK	MARIAN MCKECHNIE	USA	10-15-89 1:13.57
2:13.02	12-07-91	USA	HERB EISENSCHMIDT	100 M.	BACK	ANNA BAUSCHER	USA	10-15-89 2:52.17
5:23.27	04-01-90	USA	JOE KAUFMAN	200 M.	BACK	MARIAN MCKECHNIE	USA	10-15-89 6:00.16
1:05.80	- -89	WGR	K KUPPINGER	50 M.	BRST	KATHERINE PELTON	USA	- -90 1:37.05
2:31.20	10-15-89	USA	GUS LANGNER	100 M.	BRST	KATHERINE PELTON	USA	- -90 3:09.62
5:30.76	12-11-88	USA	GUS LANGNER	200 M.	BRST			
1:21.90	06-09-91	USA	ABE OLANOFF	50 M.	FLY	KATHERINE PELTON	USA	- -90 1:24.53
				100 M.	FLY	KATHERINE PELTON	USA	- -90 3:29.58
				200 M.	FLY	KATHERINE PELTON	USA	- -90 7:15.07
2:23.03	12-07-91	USA	HERB EISENSCHMIDT	100 M.	I.M.	KATHERINE PELTON	USA	- -90 3:00.23
5:02.31	12-07-91	USA	HERB EISENSCHMIDT	200 M.	I.M.	ANNA BAUSCHER	USA	10-15-89 9:49.36
10:47.13	12-07-91	USA	HERB EISENSCHMIDT	400 M.	I.M.	KATHERINE PELTON	USA	12-14-91 15:34.06
***** M E N *****			90 + *****			***** W O M E N *****		
50.57	- -90	AUST	L. SPARRIUS	50 M.	FREE	V FERNANCE	AUST	- -89 2:06.95
2:49.33	- -90	USA	PAUL SPANGLER	100 M.	FREE	V FERNANCE	AUST	- -89 4:23.67
5:51.45	- -90	USA	PAUL SPANGLER	200 M.	FREE			
11:09.76	12-08-89	USA	PAUL SPANGLER	400 M.	FREE			
				800 M.	FREE			
51:43.20	- -90	USA	PAUL SPANGLER	1500 M.	FREE			
1:29.99	04-02-89	USA	TOM LANE	50 M.	BACK	V FERNANCE	AUST	- -89 1:55.07
				100 M.	BACK	V FERNANCE	AUST	- -90 4:19.46
				200 M.	BACK			
1:50.16	04-02-89	USA	TOM LANE	50 M.	BRST	D VENNING	NZL	- -91 1:49.01
				100 M.	BRST	D VENNING	NZL	- -91 4:05.59
				200 M.	BRST			
				50 M.	FLY			
				100 M.	FLY			
				200 M.	FLY			
				100 M.	I.M.			
				200 M.	I.M.			
				400 M.	I.M.			

# WORLD RECORDS

## SHORT COURSE METERS (as of 5-31-92)

WRL SCM RECORDS AS OF 05-01-92

***** RELAY 200 M. FREE - WOMEN *****	*****	***** RELAY 200 M. MEDLEY - WOMEN *****
100+ SLAM-USA	1:58.02	100+ SWISS COTT-ENG 2:11.99
120+ SLAM-USA	1:58.02	120+ SWISS COTT-ENG 2:11.99
160+ DC-USA	2:01.10	160+ GERMANY 2:16.65
200+ TAMALPAIS-USA	2:11.64	200+ GERMANY 2:29.96
240+ SWEDEN	2:42.57	240+ SAN DIEGO-USA 3:05.53
280+ MANLY-AUST	3:13.66	280+ MANLY-AUST 3:28.26
320+ CONN-USA	3:54.63	320+
***** RELAY 200 M. FREE - M E N *****		
100+ ENGLAND	1:38.25	100+ GCWP-USA 10-15-89 1:50.73
120+ GCWP-USA	1:38.93	120+ GCWP-USA 10-15-89 1:50.73
160+ SWAM-USA 06-01-91	1:41.93	160+ SWAM-USA 06-01-91 1:55.51
200+ LOS ALTOS-USA	1:48.34	200+ LOS ALTOS-USA 10-15-89 2:02.44
240+ SCOTLAND	2:05.13	240+ GIMSA-USA 10-15-89 2:21.09
280+ SWEDEN	2:11.80	280+ OREGON-USA 12-01-90 2:36.92
320+		320+
***** RELAY 200 M. FREE - MIXED *****		
100+ SWEDEN	1:46.19	100+ LAKE-USA 1:58.28
120+ TEXAS-USA	1:48.60	120+ LAKE-USA 1:58.28
160+ GIMSA-USA 10-15-89	1:50.55	160+ NEW ENGLAND-USA 2:07.34
200+ LINCOLN-USA	1:57.25	200+ LINCOLN-USA 2:15.20
240+ LOS ALTOS 10-06-91	2:17.29	240+ LOS ALTOS 10-06-91 2:32.46 DELLA SCHORN JOHN RICHARDS
280+ CONNECTICUT 04-20-88	2:38.80	280+ AUSTRALIA 3:11.32 LAURA VAL JAY CRADDOCK
JERRY JARROLD DOROTHY DONNELLY RUTH BILLARD GUS LANGNER		
320+ SAN MATEO 10-06-91	3:52.73	320+ SAN MATEO 10-06-91 4:23.02 JOE KAUFMAN HILDA BUEL
JOE KAUFMANN MARGARET KEIL RAY TAFT		RAY TAFT MARGARET KEIL

# WORLD RECORDS

## LONG COURSE METERS (as of 5-31-92)

WRL LCM RECORDS AS OF 05-31-92											
***** M E N *****					***** W O M E N *****						
***** 25-29 *****					***** 25-29 *****						
22.59	-	-83	USA	KEVIN DEFORREST	50	M.	FREE	SARA SHAND	USA	08-18-91	26.68
51.25	-	-81	USA	JIM MONTGOMERY	100	M.	FREE	SARA SHAND	USA	08-18-91	58.23
1:53.78	-	-81	USA	JIM MONTGOMERY	200	M.	FREE	SARA SHAND	USA	07-30-89	2:07.11
4:06.99	-	-88	BRAZ	MARCUS MATTIOLI	400	M.	FREE	SARA SHAND	USA	07-30-89	4:27.53
8:41.43	-	-88	BRAZ	MARCUS MATTIOLI	800	M.	FREE	SARA SHAND	USA	07-30-89	9:18.43
16:28.69	-	-87	USA	CAMERON REID	1500	M.	FREE	AMY POPE	USA	-	17:38.78
27.39	-	-86	BRAZ	R. ARANTES	50	M.	BACK	DIANE GRANER	USA	08-20-89	30.80
59.00	-	-86	BRAZ	R. ARANTES	100	M.	BACK	MONIQUE RODAHL	NZL	-	1:06.46
2:12.99	-	-84	USA	THOMAS WOLF	200	M.	BACK	DIANE GRANER	USA	08-20-89	2:19.97
29.88	-	-86	USA	RICK HOFSTETTER	50	M.	BRST	S. SEMINATORE	ITL	-	32.01
1:04.60	-	-89	USA	DAVID LUNBERG	100	M.	BRST	S. SEMINATORE	ITL	-	1:16.05
2:26.73	-	-87	GER	T. LIGL	200	M.	BRST	S. DAVIES	ENG	-	2:42.02
25.16	-83-	-84	USA	DEFORREST/BOTTOM	50	M.	FLY	ROSEMARIE SEAMAN	USA	-	28.79
56.34	-	-84	USA	MICHAEL BOTTOM	100	M.	FLY	ROSEMARIE SEAMAN	USA	-	1:03.91
2:05.25	-	-84	CZEC	M. LUKASEK	200	M.	FLY	S PALMER-WHITE	AUST	-	2:18.69
					100	M.	I.M.				
2:09.21	-	-87	USA	CAMERON REID	200	M.	I.M.	S. DAVIES	ENG	-	2:22.00
4:34.08	-	-87	USA	CAMERON REID	400	M.	I.M.	S. DAVIES	ENG	-	5:05.29
***** M E N *****					***** W O M E N *****						
***** 30-34 *****					***** 30-34 *****						
23.21	11-24-	-90	USA	A ROWDY GAINES	50	M.	FREE	S. NEILSON-BELL	USA	-	26.37
51.50	07-14-	-91	USA	A ROWDY GAINES	100	M.	FREE	S. NEILSON-BELL	USA	-	58.09
1:54.04	-	-90	USA	A ROWDY GAINES	200	M.	FREE	BETH KNIGHT	USA	-	2:07.84
4:08.70	-	-86	USA	JIM MONTGOMERY	400	M.	FREE	BETH KNIGHT	USA	08-25-91	4:30.38
8:46.99	-	-86	USA	JIM MONTGOMERY	800	M.	FREE	BETH KNIGHT	USA	07-14-91	9:20.20
16:42.28	08-18-	-91	USA	RON NEUGENT	1500	M.	FREE	BETH KNIGHT	USA	09-12-91	17:55.58
27.32	-	-88	USA	DIX OZIER	50	M.	BACK	BETH MAUER	USA	-	32.11
1:00.40	-	-85	USA	THOMAS WOLF	100	M.	BACK	BETH MAUER	USA	-	1:09.08
2:11.77	-	-87	USA	THOMAS WOLF	200	M.	BACK	ZENA HERRMANN	USA	07-28-91	2:29.17
29.74	-	-87	USA	RICK HOFSTETTER	50	M.	BRST	M. MOHMANN	ENG	-	34.56
1:05.65	08-18-	-91	USA	DAVID LUNDBERG	100	M.	BRST	M. HOHMANN	ENG	-	1:14.52
2:24.06	08-18-	-91	USA	DAVID LUNDBERG	200	M.	BRST	D. HILBIG	GER	-	2:48.41
25.31	-	-88	USA	MIKE BOTTOM	50	M.	FLY	S. NEILSON-BELL	USA	-	29.91
56.64	-	-88	USA	MIKE BOTTOM	100	M.	FLY	ROSEMARIE SEAMAN	USA	-	1:06.24
2:07.71	-	-87	USA	JIM BELARDI	200	M.	FLY	BETH MAUER	USA	-	2:28.24
					100	M.	I.M.				
2:09.69	08-18-	-91	USA	DAVID LUNDBURG	200	M.	I.M.	S. NEILSON-BELL	USA	-	2:29.22
4:43.93	-	-88	CZEH	PETR KOLLROS	400	M.	I.M.	B. GLASGOW-RHODES	USA	08-18-91	5:21.34
***** M E N *****					***** W O M E N *****						
***** 35-39 *****					***** 35-39 *****						
24.72	08-20-	-90	USA	RICHARD HESS	50	M.	FREE	JACKI HIRSTY	USA	-	27.38
54.92	08-18-	-91	USA	WILL ARTLEY	100	M.	FREE	SUSAN HALFACRE	USA	-	1:00.25
2:00.45	-	-83	USA	FRED SCHLICHER	200	M.	FREE	SUSAN HALFACRE	USA	-	2:09.33
4:18.35	-	-87	USA	JIM MCCONICA	400	M.	FREE	SUSAN HALFACRE	USA	-	4:33.08
9:09.59	-	-88	USA	BRANT BITTLER	800	M.	FREE	SUSAN HALFACRE	USA	-	9:24.54
17:26.29	-	-89	USA	JIM MCCONICA	1500	M.	FREE	SUSAN PAMELIA	USA	-	18:12.11
28.04	-	-78	USA	THOMPSON MANN	50	M.	BACK	LAURA VAL	USA	07-22-90	32.39
1:01.60	-	-90	AUST	B. COOPER	100	M.	BACK	LAURA VAL	USA	-	1:10.94
2:13.83	07-29-	-90	USA	TOM WOLF	200	M.	BACK	PATRICIA GILMORE	CAN	-	2:35.77
31.52	-	-87	USA	C. MILTENBERGER	50	M.	BRST	L WETZEL-OSBORNE	USA	-	34.41
1:10.20	-	-87	USA	C. MILTENBERGER	100	M.	BRST	L WETZEL-OSBORNE	USA	08-20-90	1:17.44
2:34.61	08-05-	-90	USA	GREG HARRISON	200	M.	BRST	L WETZEL-OSBORNE	USA	-	2:54.85
26.35	-	-87	USA	PETER MUNGER	50	M.	FLY	SUSAN HALFACRE	USA	-	29.27
58.59	-	-83	USA	FRED SCHLICHER	100	M.	FLY	SUSAN HALFACRE	USA	-	1:05.39
2:12.91	-	-83	USA	FRED SCHLICHER	200	M.	FLY	LAURA VAL	USA	-	2:26.38
					100	M.	I.M.				
2:18.33	08-18-	-91	USA	STUART CORLISS	200	M.	I.M.	PATRICIA GILMORE	CAN	-	2:37.26
4:58.48	08-18-	-91	USA	STUART CORLISS	400	M.	I.M.	KAREN FARNSWORTH	USA	08-18-91	5:37.19
***** M E N *****					***** W O M E N *****						
***** 40-44 *****					***** 40-44 *****						
25.25	-	-83	USA	TIM GARTON	50	M.	FREE	MARTHA MARTIN	USA	-	28.64
56.36	-	-83	USA	TIM GARTON	100	M.	FREE	MARTHA MARTIN	USA	-	1:03.40
2:04.82	08-20-	-90	USA	KEVIN POLANSKY	200	M.	FREE	DOT MUNGER	USA	08-18-91	2:21.09
4:26.60	08-20-	-90	USA	KEVIN POLANSKY	400	M.	FREE	BARBARA DUNBAR	USA	07-15-90	4:54.49
9:19.37	08-20-	-90	USA	KEVIN POLANSKY	800	M.	FREE	BARBARA DUNBAR	USA	06-29-91	10:07.92
17:30.13	08-20-	-90	USA	KEVIN POLANSKY	1500	M.	FREE	BARBARA DUNBAR	USA	-	19:13.16
29.38	-	-90	USA	PETER O'KEEFFE	50	M.	BACK	MARTHA MARTIN	USA	-	34.68
1:03.39	-	-90	USA	PETER O'KEEFFE	100	M.	BACK	B.BAZUR-DUPREZ	FRA	-	1:13.50
2:18.17	-	-90	USA	PETER O'KEEFFE	200	M.	BACK	A CORK	ENG	-	2:46.74
31.82	08-18-	-91	USA	PEDER DAHLBERG	50	M.	BRST	DOT MUNGER	USA	08-18-91	37.32
1:10.99	08-18-	-91	USA	PEDER DAHLBERG	100	M.	BRST	DEBRA WALKER	USA	08-18-91	1:21.73
2:38.02	-	-87	USA	PETER WISNER	200	M.	BRST	DEBRA WALKER	USA	06-30-91	3:01.46
27.04	08-18-	-91	USA	JOHN FOOTE	50	M.	FLY	MARTHA MARTIN	USA	-	30.54
1:02.05	-	-80	USA	LANCE LARSON	100	M.	FLY	BARBARA DUNBAR	USA	-	1:09.45
2:23.05	-	-88	USA	BOB GALLAS	200	M.	FLY	BARBARA DUNBAR	USA	-	2:33.51
					100	M.	I.M.				
2:22.23	-	-90	USA	PETER O'KEEFFE	200	M.	I.M.	BARBARA DUNBAR	USA	08-12-90	2:43.49
5:08.30	-	-85	USA	TIM GARTON	400	M.	I.M.	BARBARA DUNBAR	USA	07-28-91	5:45.58

# WORLD RECORDS

## LONG COURSE METERS (as of 5-31-92)

***** M E N *****				45-49 *****				***** W O M E N *****				
25.30	-	-90	USA	RICHARD ABRAHAMS	50	M.	FREE	ARDETH MUELLER	USA	-	-87	29.08
57.22	-	-90	USA	TIM GARTON	100	M.	FREE	ARDETH MUELLER	USA	-	-87	1:05.44
2:07.18	-	-90	USA	TIM GARTON	200	M.	FREE	ARDETH MUELLER	USA	-	-87	2:24.24
4:36.91	-	-88	USA	TIM GARTON	400	M.	FREE	ARDETH MUELLER	USA	-	-87	5:08.67
9:49.15	07-28-91		USA	DAVID GRAY	800	M.	FREE	ARDETH MUELLER	USA	-	-87	10:48.41
18:34.73	-	-83	USA	ED HINSHAW	1500	M.	FREE	ARDETH MUELLER	USA	-	-87	21:08.30
30.67	-	-88	USA	RICH BURNS	50	M.	BACK	SATOKO TAKEUJI	JPN	-	-88	34.51
1:07.77	-	-88	USA	ED BARTSCH	100	M.	BACK	SATOKO TAKEUJI	JPN	-	-89	1:17.06
2:27.67	08-04-91		USA	JOHN CALVERT	200	M.	BACK	SAROKO TAKEUJI	JPN	-	-88	2:54.05
32.76	07-14-91		USA	RICK NESBIT	50	M.	BRST	J MACLEOD	AUST	-	-91	37.77
1:13.25	08-18-91		USA	ROBERT STRAND	100	M.	BRST	E. BROMWICH	ENG	-	-90	1:27.15
2:42.52	08-18-91		USA	ROBERT STRAND	200	M.	BRST	E. BROMWICH	ENG	-	-91	3:10.27
27.54	08-18-91		USA	DAN THOMPSON	50	M.	FLY	ARDETH MUELLER	USA	-	-87	30.74
1:03.42	-	-90	USA	RICHARD ABRAHAMS	100	M.	FLY	ARDETH MUELLER	USA	-	-87	1:12.67
2:32.11	-	-87	USA	JACK GEOGHEGAN	200	M.	FLY	ARDETH MUELLER	USA	-	-87	2:44.10
					100	M.	I.M.					
2:24.58	-	-90	USA	TIM GARTON	200	M.	I.M.	ARDETH MUELLER	USA	-	-87	2:46.91
5:13.26	08-04-91		USA	JOHN CALVERT	400	M.	I.M.	ARDETH MUELLER	USA	-	-87	5:54.98
***** M E N *****				50-54 *****				***** W O M E N *****				
26.16	-	-83	USA	DON HILL	50	M.	FREE	JAYNE BRUNER	USA	-	-86	31.10
59.25	-	-83	USA	DON HILL	100	M.	FREE	Y. OSAKI	JPN	-	-88	1:09.16
2:14.39	-	-88	USA	ED HINSHAW	200	M.	FREE	ARDETH MUELLER	USA	08-18-91		2:32.25
4:51.06	-	-88	USA	ED HINSHAW	400	M.	FREE	ARDETH MUELLER	USA	08-18-91		5:16.62
10:04.71	-	-88	USA	ED HINSHAW	800	M.	FREE	ARDETH MUELLER	USA	08-18-91		10:58.47
19:28.41	-	-85	USA	BURWELL JONES	1500	M.	FREE	ARDETH MUELLER	USA	07-28-91		21:02.46
30.93	-	-88	USA	JOHN SMITH	50	M.	BACK	BETSY JORDAN	USA	08-18-91		37.62
1:10.14	-	-88	USA	JOHN SMITH	100	M.	BACK	BETSY JORDAN	USA	08-18-91		1:23.29
2:35.44	-	-85	USA	BURWELL JONES	200	M.	BACK	BETSY JORDAN	USA	-	-87	3:01.07
33.38	-	-86	JPN	H. KOTEGAWA	50	M.	BRST	R. PALMER	ENG	-	-91	40.19
1:15.60	-	-83	USA	MANUEL SANGUILY	100	M.	BRST	JOANN LETLICH	USA	08-20-90		1:28.83
2:51.68	-	-92	AUST	M. MOLONEY	200	M.	BRST	F. CONNOLLY	SCOT	-	-86	3:14.70
28.63	08-08-90		USA	MICHAEL MEALIFFE	50	M.	FLY	ARDETH MUELLER	USA	08-18-91		32.76
1:07.04	08-08-90		USA	MICHAEL MEALIFFE	100	M.	FLY	ARDETH MUELLER	USA	08-18-91		1:15.47
2:33.79	-	-83	USA	BILL YORZYK	200	M.	FLY	ARDETH MUELLER	USA	08-18-91		2:49.53
					100	M.	I.M.					
2:34.67	-	-89	USA	DRURY GALLAGHER	200	M.	I.M.	ARDETH MUELLER	USA	07-21-91		2:54.57
5:41.04	-	-85	USA	BURWELL JONES	400	M.	I.M.	GAIL ROPER	USA	-	-82	6:35.20
***** M E N *****				55-59 *****				***** W O M E N *****				
27.42	-	-88	USA	MICHAEL MUCKLERoy	50	M.	FREE	JAYNE BRUNER	USA	08-04-91		32.59
1:01.95	08-18-91		USA	BOB BAILIE	100	M.	FREE	JAYNE BRUNER	USA	08-20-89		1:12.34
2:21.53	-	-90	USA	BURWELL JONES	200	M.	FREE	LAVELLE STAINOFF	USA	-	-88	2:42.04
4:58.41	-	-88	USA	BURWELL JONES	400	M.	FREE	LAVELLE STAINOFF	USA	-	-88	5:36.66
10:27.08	-	-88	USA	BURWELL JONES	800	M.	FREE	LAVELLE STAINOFF	USA	-	-88	11:30.97
19:54.72	06-15-90		USA	BURWELL JONES	1500	M.	FREE	LAVELLE STAINOFF	USA	-	-88	22:18.91
33.29	-	-85	BRAZ	I. DAFONSECA	50	M.	BACK	CLARA WALKER	USA	-	-83	39.17
1:13.15	08-20-90		USA	JACK BEATTIE	100	M.	BACK	CLARA WALKER	USA	-	-83	1:27.61
2:42.37	-	-88	USA	DON BROWN	200	M.	BACK	LAVELLE STAINOFF	USA	-	-89	3:10.89
33.58	-	-91	JPN	H. KOTEGAWA	50	M.	BRST	JAYNE BRUNER	USA	08-18-91		39.91
1:17.87	-	-88	USA	JOHN KORTHEUER	100	M.	BRST	JAYNE BRUNER	USA	08-18-91		1:30.72
2:56.20	-	-90	ENG	T. WALKER	200	M.	BRST	F CONNOLLY	SCOT	-	-89	3:18.11
30.32	08-18-91		USA	BOB BAILIE	50	M.	FLY	GAIL ROPER	USA	-	-85	35.29
1:12.19	-	-88	USA	WILLIAM YORZYK	100	M.	FLY	GAIL ROPER	USA	-	-85	1:27.49
2:56.19	-	-88	GER	MULLER WERNER	200	M.	FLY	F CONNOLLY	SCOT	-	-89	3:17.68
					100	M.	I.M.					
2:43.57	-	-90	USA	BURWELL JONES	200	M.	I.M.	GAIL ROPER	USA	-	-85	3:07.65
5:53.53	-	-90	USA	BURWELL JONES	400	M.	I.M.	GAIL ROPER	USA	-	-85	6:42.05
***** M E N *****				60-64 *****				***** W O M E N *****				
28.13	-	-91	JPN	S. YAMAMOTO	50	M.	FREE	J ASHER	ENG	-	-91	34.33
1:03.94	-	-86	USA	PETER POWLISON	100	M.	FREE	J ASHER	ENG	-	-91	1:14.25
2:25.34	08-18-91		USA	GRAHAM JOHNSTON	200	M.	FREE	CLARA WALKER	USA	-	-88	2:50.03
5:17.64	-	-88	USA	WILLIAM PHILLIPS	400	M.	FREE	CLARA WALKER	USA	-	-88	6:02.28
10:36.09	08-18-91		USA	GRAHAM JOHNSTON	800	M.	FREE	CLARA WALKER	USA	-	-88	12:19.35
20:06.80	07-14-91		USA	GRAHAM JOHNSTON	1500	M.	FREE	CLARA WALKER	USA	-	-86	23:55.57
34.39	-	-91	BRAZ	I. DA FONSECA	50	M.	BACK	DORIS STEADMAN	USA	-	-89	40.35
1:18.06	-	-86	USA	PAUL HUTINGER	100	M.	BACK	G BENOTSEN	DEN	-	-91	1:30.44
2:52.55	-	-91	AUST	B BERRY	200	M.	BACK	DORIS STEADMAN	USA	08-20-89		3:15.92
35.91	08-18-91		USA	JOHN KORTHEUER	50	M.	BRST	EDITH BOEHM	GER	-	-88	42.49
1:21.58	08-18-91		USA	JOHN KORTHEUER	100	M.	BRST	EDITH BOEHM	GER	-	-88	1:38.72
3:08.59	-	-91	USA	JOHN KORTHEUER	200	M.	BRST	ANN PISCIOTTA	USA	07-28-91		3:36.60
32.19	-	-85	USA	FRANK PIEMME	50	M.	FLY	J ASHER	ENG	-	-91	38.54
1:17.39	-	-88	USA	WIN WILSON	100	M.	FLY	ANNE ADAMS	USA	-	-88	1:34.48
3:00.99	-	-90	USA	JOHN MASTERS	200	M.	FLY	GAIL ROPER	USA	07-22-90		3:32.87
					100	M.	I.M.					
2:51.41	08-18-91		USA	GRAHAM JOHNSTON	200	M.	I.M.	CLARA WALKER	USA	-	-86	3:17.40
6:04.99	08-18-91		USA	GRAHAM JOHNSTON	400	M.	I.M.	CLARA WALKER	USA	-	-86	6:59.45

# WORLD RECORDS

## LONG COURSE METERS (as of 5-31-92)

*****		M E N		*****		65-69		*****		W O M E N		*****	
28.94	-	-91	GER	B SCHLURIKE	50	M.	FREE	M. CUNNINGHAM	AUS	-	-90	35.46	
1:08.15	-	-83	USA	JAMES WELCH	100	M.	FREE	CLARA WALKER	USA	08-18-91	1:18.66		
2:32.90	-	-87	USA	PETER POWLISON	200	M.	FREE	CLARA WALKER	USA	08-18-91	2:56.88		
5:38.79	-	-83	USA	JAMES WELCH	400	M.	FREE	CLARA WALKER	USA	08-18-91	6:05.22		
11:35.97	-	-91	AUST	R. HARTLEY	800	M.	FREE	CLARA WALKER	USA	08-18-91	12:39.70		
22:53.13	07-13-91		USA	FRANK PIEMME	1500	M.	FREE	CLARA WALKER	USA	07-07-91	24:27.67		
35.47	-	-89	USA	GEORGE GANDSEY	50	M.	BACK	DORIS STEADMAN	USA	08-20-90	40.99		
1:21.52	08-20-90		USA	PAUL HUTINGER	100	M.	BACK	DORIS STEADMAN	USA	08-20-90	1:31.58		
2:58.62	08-20-90		USA	PAUL HUTINGER	200	M.	BACK	DORIS STEADMAN	USA	08-20-90	3:17.12		
38.28	07-12-91		USA	JOSEPH KURTZMAN	50	M.	BRST	CLARA WALKER	USA	07-21-91	47.73		
1:28.91	08-18-91		USA	JOSEPH KURTZMAN	100	M.	BRST	CLARA WALKER	USA	07-21-91	1:42.84		
3:16.90	-	-90	GER	K. KNOPS	200	M.	BRST	M. EVANS	ENG	-	-89	3:45.71	
33.34	-	-87	ENG	J HALE	50	M.	FLY	FLORENCE CARR	USA	08-20-90	43.35		
1:21.49	07-15-91		USA	JOSEPH KURTZMAN	100	M.	FLY	JUNE KRAUSER	USA	06-23-91	1:40.35		
3:08.79	07-12-91		USA	JOSEPH KURTZMAN	200	M.	FLY	JUNE KRAUSER	USA	06-23-91	3:43.24		
					100	M.	I.M.						
3:02.81	-	-87	USA	PETER POWLISON	200	M.	I.M.	CLARA WALKER	USA	07-02-91	3:21.17		
6:50.59	08-20-90		USA	LEE ARTH	400	M.	I.M.	CLARA WALKER	USA	08-18-91	7:12.69		
*****		M E N		*****		70-74		*****		W O M E N		*****	
29.35	-	-84	USA	KELLEY LEMMON	50	M.	FREE	C KERR	CAN	-	-91	37.91	
1:11.61	-	-83	USA	KELLEY LEMMON	100	M.	FREE	B. ANDERSON	AUST	-	-87	1:30.37	
2:44.86	-	-83	USA	KELLEY LEMMON	200	M.	FREE	B. ANDERSON	AUST	-	-87	3:24.61	
5:57.45	-	-91	JPN	D. SUZUKI	400	M.	FREE	B. ANDERSON	AUST	-	-87	7:19.34	
12:34.22	-	-91	JPN	D. SUZUKI	800	M.	FREE	RITA SIMONTON	USA	-	-88	15:04.91	
23:59.01	08-18-91		JPN	D SUZUKI	1500	M.	FREE	RITA SIMONTON	USA	-	-88	28:46.45	
37.49	-	-89	USA	RAY TAFT	50	M.	BACK	B. ANDERSON	AUST	-	-87	45.21	
1:25.35	08-20-89		USA	RAY TAFT	100	M.	BACK	B. ANDERSON	AUST	-	-87	1:39.85	
3:13.25	-	-89	USA	RAY TAFT	200	M.	BACK	B. ANDERSON	AUST	-	-87	3:47.59	
40.56	-	-90	GER	W. MINNICH	50	M.	BRST	C. GANDOLPHO	BRA	-	-90	50.23	
1:33.20	-	-84	USA	BENNETT ALLEN	100	M.	BRST	E. RAUNER	GER	-	-91	1:55.08	
3:32.90	-	-88	USA	ALDO DA ROSA	200	M.	BRST	C. GANDOLPHO	BRA	-	-90	4:09.55	
35.65	-	-89	USA	RAY TAFT	50	M.	FLY	C KERR	CAN	-	-91	49.51	
1:32.85	08-20-90		USA	ANDREW HOLDEN	100	M.	FLY	M. LENK	BRAZ	-	-85	2:02.61	
3:38.48	-	-87	AUST	D JEFFREY	200	M.	FLY	MAXINE MERLINO	USA	-	-82	4:37.05	
					100	M.	I.M.						
3:11.42	08-20-89		USA	RAY TAFT	200	M.	I.M.	E. RAUNER	GER	-	-91	4:06.97	
6:59.24	08-20-89		USA	RAY TAFT	400	M.	I.M.	E. RAUNER	GER	-	-90	8:33.57	
*****		M E N		*****		75-79		*****		W O M E N		*****	
32.50	-	-83	USA	LYLE COLLET	50	M.	FREE	H. SUGAYA	JPN	-	-91	40.85	
1:14.86	-	-87	USA	KELLEY LEMMON	100	M.	FREE	U. WADA	JPN	-	-86	1:39.28	
2:53.73	-	-87	USA	KELLEY LEMMON	200	M.	FREE	V. CHERRIMAN	ENG	-	-84	3:52.90	
6:27.76	-	-81	USA	ARTHUR RULE	400	M.	FREE	M. LENK	BRA	-	-91	8:04.16	
13:35.96	-	-87	USA	HERBERT HOWE	800	M.	FREE	M. LENK	BRA	-	-91	16:33.41	
25:41.55	-	-87	USA	HERBERT HOWE	1500	M.	FREE	JEAN DURSTON	USA	-	-90	31:46.49	
40.47	-	-82	USA	ARTHUR HARGRAVE	50	M.	BACK	W. VAN RYSEL	ENG	-	-91	46.64	
1:32.92	-	-82	USA	ARTHUR HARGRAVE	100	M.	BACK	W. VAN RYSEL	ENG	-	-91	1:49.73	
3:25.93	08-18-91		USA	EDWARD SHEA	200	M.	BACK	MARIE WICKLUN	USA	08-20-89	4:07.44		
42.58	-	-90	JPN	H. YOSHIMOTO	50	M.	BRST	E PAULI	GER	-	-89	52.90	
1:39.69	-	-87	USA	KELLEY LEMMON	100	M.	BRST	M. BUTZBACH	GER	-	-86	2:07.86	
3:44.71	08-18-91		USA	DON MCCULLOUGH	200	M.	BRST	M. BUTZBACH	GER	-	-86	4:36.72	
41.25	-	-87	USA	KELLEY LEMMON	50	M.	FLY	M. LENK	BRA	-	-90	57.22	
1:48.44	-	-87	USA	KELLEY LEMMON	100	M.	FLY	MAXINE MERLINO	USA	-	-88	2:20.80	
4:04.13	-	-87	USA	KELLEY LEMMON	200	M.	FLY	MAXINE MERLINO	USA	-	-88	4:54.79	
					100	M.	I.M.						
3:30.50	-	-87	USA	KELLEY LEMMON	200	M.	I.M.	M. LENK	BRA	-	-90	4:20.42	
7:48.38	-	-87	USA	KELLEY LEMMON	400	M.	I.M.	MAXINE MERLINO	USA	-	-87	9:11.23	
*****		M E N		*****		80-84		*****		W O M E N		*****	
36.62	-	-90	USA	GERSON SOBEL	50	M.	FREE	U. WADA	JPN	-	-91	44.25	
1:28.22	-	-90	USA	GERSON SOBEL	100	M.	FREE	U. WADA	JPN	-	-91	1:39.30	
3:31.79	-	-83	USA	GUS LANGNER	200	M.	FREE	U. WADA	JPN	-	-92	3:44.00	
7:23.09	-	-83	USA	GUS LANGNER	400	M.	FREE	U. WADA	JPN	-	-91	8:23.50	
15:48.62	-	-90	JPN	T. TERA0	800	M.	FREE	U. WADA	JPN	-	-91	17:21.19	
28:54.95	-	-83	USA	GUS LANGNER	1500	M.	FREE	JULIA DOLCE	USA	08-20-90	36:54.26		
45.69	-	-87	USA	ART HARGRAVE	50	M.	BACK	M WRIGHT	AUST	-	-89	53.73	
1:50.05	-	-87	USA	ART HARGRAVE	100	M.	BACK	M WRIGHT	AUST	-	-89	2:01.87	
4:04.79	-	-87	USA	HERB EISENSCHMIDT	200	M.	BACK	M WRIGHT	AUST	-	-89	4:22.89	
46.59	-	-91	GER	K WITTENBERG	50	M.	BRST	M WRIGHT	AUST	-	-89	1:04.78	
1:51.25	-	-91	GER	K WITTENBERG	100	M.	BRST	CATHERINE CRESS	USA	08-20-90	2:41.92		
4:40.35	-	-88	AUST	FRANK GRIFFITHS	200	M.	BRST	U. WADA	JPN	-	-91	5:17.15	
52.05	08-18-91		USA	JESSE COON	50	M.	FLY	V CHERRIMAN	ENG	-	-88	1:13.71	
2:21.06	07-14-91		USA	JESSE COON	100	M.	FLY	ELSA MATILLA	USA	07-29-90	2:52.33		
5:11.48	-	-89	AUST	FRANK GRIFFITHS	200	M.	FLY	ELSA MATTILA	USA	08-20-90	6:09.67		
					100	M.	I.M.						
4:20.72	-	-89	AUST	FRANK GRIFFITHS	200	M.	I.M.	ELSA MATTILA	USA	08-20-90	5:13.12		
9:47.72	-	-88	AUST	FRANK GRIFFITHS	400	M.	I.M.	ELSA MATTILA	USA	08-20-90	11:14.31		

# WORLD RECORDS

## LONG COURSE METERS (as of 5-31-92)

*****		M E N		*****		85-89		*****		W O M E N		*****	
44.65	07-23-89	USA	GUS LANGNER	50	M.	FREE		AILEEN SOULE	USA	06-09-91		51.48	
1:43.03	- -88	USA	GUS LANGNER	100	M.	FREE		AILEEN SOULE	USA	08-18-91		2:07.61	
3:48.91	- -88	USA	GUS LANGNER	200	M.	FREE		AILEEN SOULE	USA	08-18-91		4:49.52	
8:14.50	- -88	USA	GUS LANGNER	400	M.	FREE		ELLA PECKHAM	USA	- -84		13:22.48	
17:11.21	- -88	USA	GUS LANGNER	800	M.	FREE		ANNA BAUSCHER	USA	- -88		24:23.38	
33:08.42	08-20-89	USA	GUS LANGNER	1500	M.	FREE		ANNA BAUSCHER	USA	08-18-91		52:15.77	
59.15	06-23-91	USA	PETER JURCZYK	50	M.	BACK		AILEEN SOULE	USA	08-18-91		58.42	
2:18.74	08-05-89	USA	REGINALD HARRISON	100	M.	BACK		AILEEN SOULE	USA	06-09-91		2:13.13	
5:08.97	06-23-91	USA	PETER JURCZYK	200	M.	BACK		AILEEN SOULE	USA	06-09-91		4:47.82	
1:01.47	- -89	USA	AL KALLUNKI	50	M.	BRST		D. VENNING	NZL	- -87		1:28.69	
2:18.92	- -91	JPN	S YOSHIDA	100	M.	BRST		KATHERINE PELTON	USA	06-26-91		3:18.97	
5:09.86	- -91	JPN	S YOSHIDA	200	M.	BRST		ELLA PECKHAM	USA	- -84		7:45.92	
59.50	- -91	JPN	S YOSHIDA	50	M.	FLY		ELLA PECKHAM	USA	- -85		1:27.77	
3:23.06	08-18-91	USA	ABE OLANOFF	100	M.	FLY		KATHERINE PELTON	USA	07-28-91		3:01.14	
				200	M.	FLY		KATHERINE PELTON	USA	08-12-90		7:18.41	
				100	M.	I.M.							
5:33.20	- -86	USA	THOMAS CURETON	200	M.	I.M.		KATHERINE PELTON	USA	07-13-91		6:44.53	
12:27.27	08-04-91	USA	ABE OLANOFF	400	M.	I.M.		KATHERINE PELTON	USA	- -90		14:02.65	
*****		M E N		*****		90 +		*****		W O M E N		*****	
59.88	- -84	USA	COLLISTER WHEELER	50	M.	FREE		PEARL MILLER	USA	- -88		2:02.38	
2:14.06	- -84	USA	COLLISTER WHEELER	100	M.	FREE		PEARL MILLER	USA	- -88		4:08.22	
6:03.12	07-14-90	USA	PAUL SPANGLER	200	M.	FREE							
				400	M.	FREE							
				800	M.	FREE							
52:41.53	07-14-90	USA	PAUL SPANGLER	1500	M.	FREE							
1:16.30	- -89	USA	TOM LANE	50	M.	BACK		V FERNANCE	AUST	- -88		2:01.70	
3:21.19	08-25-91	USA	TOM LANE	100	M.	BACK		V FERNANCE	AUST	- -88		3:59.89	
8:59.53	- -90	USA	TONY LOPEZ	200	M.	BACK		PEARL MILLER	USA	- -89		10:47.76	
1:36.87	- -89	USA	TOM LANE	50	M.	BRST							
5:16.03	- -82	USA	LUDWIG MAGENER	100	M.	BRST							
				200	M.	BRST							
				50	M.	FLY							
				100	M.	FLY							
				200	M.	FLY							
				100	M.	I.M.							
				200	M.	I.M.							
				400	M.	I.M.							







# USMS TOP TENS

"TOP TENS" are eagerly awaited, carefully studied, and frequently quoted. It's the benchmark for the most avid Masters Swimmers. We all owe a tip of the bathing cap to our national COMPILER — WALT REID of Tacoma, WA, who is in his tenth year of orchestrating the gathering of data from 54 LMSCs, National Championship and World Events in which our swimmers participate. With three course, times 15 age groups, times guys & gals, times 10 places, there's about 16,000 slots to be properly filled each year.

*Thanks to Walt for his usual diligent job, to Betsy Durrant of Virginia Beach, who is handling the subscription labels, and our favorite printer Gene Donner, who duplicates the final product & sends it forth to our mail boxes.*

This is the second issue in the Top Ten subscription series. Next will come the long course meters in December.

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