

\$7.00

*United States  
Masters Swimming, Inc.*

**1995  
Top Ten  
Long Course Meters**

**and  
World Records  
as of November 1, 1995  
Short Course Meters  
Long Course Meters**



Published December 5, 1995

# TOP TEN

## Long Course Meters

50 M. FREE WOMEN 19-24	33.83 JOANNE MILLARD	19	33.12 JULIE AHRENDT	24	2:02.89 SHEILA TAORMINA	25
27.94 DANA DUTCHER	34.36 BRANDY MAYBERRY	23	33.28 SUSAN VAN SICKLE	23	2:19.66 KRISTINA SANDLIN	27
28.68 KATHLEEN HARTNETT	34.73 N.WUNDERLICH	24	33.30 SUSAN GAUDET	23	2:20.85 ALICIA WALKER	26
28.81 KANA SHIBUYA	34.85 CHRISTIE WOODRUFF	24	33.35 SARAH WILLIAMS	22	2:21.00 TRISH KLASMEIER	25
29.34 EMILY MANN	35.39 ELISE SELZ	24	100 M. FLY WOMEN 19-24		2:21.43 MIA COSTELLO	27
29.46 BRENDA CLARK	35.76 TIA PARDUE	24	1:06.05 BLANCA CASTILLO	88	2:21.59 MICHELLE GHIGGERI	26
29.53 SARAH WILLIAMS	35.95 MARY RYAN	24	1:08.28 KANA SHIBUYA	23	2:23.07 LOUISE KEOGH	26
29.63 JENNIFER HAMMOND	36.79 TINA ESSEX	24	1:10.86 JENNY MILLER	24	2:24.86 CHELSEA KNAPP	25
29.93 D.MORTENSEN	100 M. BACK WOMEN 19-24		1:11.92 MICHELE OWARA	24	2:25.24 T.WALKER	29
30.08 ANNE WATKINS	1:06.09 DAWN BRACIAK	87	1:13.99 JENNIFER HAMMOND	23	2:26.59 CAROLYN HOUTZ	26
30.10 SUSAN GAUDET	1:11.18 TATE BIRNIE	20	1:14.11 JULIE AHRENDT	24	400 M. FREE WOMEN 25-29	
30.34 TABITHA BONNEY	1:11.55 KATHLEEN HARTNETT	23	1:15.76 MARY RYAN	24	4:18.31 SHEILA TAORMINA	95
100 M. FREE WOMEN 19-24	1:12.13 N.WUNDERLICH	24	1:16.40 TIA PARDUE	24	4:18.31 SHEILA TAORMINA	26
1:01.49 ANITA HARRISON	1:14.91 JOANNE MILLARD	19	1:17.45 TRACEY MC LACHLAN	23	4:45.07 KATHRIN LAMMERS	25
1:02.49 KATHLEEN HARTNETT	1:15.53 ELISE SELZ	24	1:17.76 E.SANTANGELO	22	4:49.60 LAUREL HILL	26
1:03.33 KANA SHIBUYA	1:15.71 BRANDY MAYBERRY	23	1:19.59 SUSAN VAN SICKLE	23	5:00.35 JAMIE RAAB	25
1:04.17 BRENDA CLARK	1:16.49 CHRISTIE WOODRUFF	24	200 M. FLY WOMEN 19-24		5:02.44 BRIDGET ROBBINS	25
1:04.84 ELAINE WEIGAND	1:16.60 MARY RYAN	24	2:22.59 BLANCA CASTILLO	88	5:03.10 CHELSEA KNAPP	25
1:04.95 JENNIFER HAMMOND	1:18.65 CARLA ELDRIDGE	21	2:39.12 JENNIFER HAMMOND	23	5:05.19 MICHELLE DONAHUE	27
1:05.00 SARAH WILLIAMS	1:18.73 LANA AVILA	24	2:40.12 KANA SHIBUYA	23	5:07.94 SHEILA O'REILLY	27
1:05.01 ANNE WATKINS	200 M. BACK WOMEN 19-24		2:48.41 MICHELE OWARA	24	5:09.97 LOUISE BUCKLEY	28
1:05.79 MICHELE OWARA	2:26.62 MICHELLE DONAHUE	92	2:54.75 BETHANY WILLISTON	24	5:11.09 CARMEN BRUN	28
1:06.60 EMILY MANN	2:30.93 N.WUNDERLICH	24	2:57.25 MARY RYAN	24	800 M. FREE WOMEN 25-29	
1:07.25 TABITHA BONNEY	2:33.14 TATE BIRNIE	20	3:26.10 WENDY KNICK	24	9:18.43 SARA SHAND	89
200 M. FREE WOMEN 19-24	2:33.27 KATHLEEN HARTNETT	23	3:42.40 DANA FRANKS	21	10:21.08 MICHELLE GHIGGERI	26
2:14.17 DIANE URSIN	2:44.40 CHRISTIE WOODRUFF	24	200 M. I.M. WOMEN 19-24		10:21.36 BRIDGET ROBBINS	25
2:16.44 ELAINE WEIGAND	2:45.40 JOANNE MILLARD	19	2:29.90 MICHELLE DONAHUE	92	10:41.65 SUSIE BLAKE	29
2:17.08 KANA SHIBUYA	2:48.10 MARY RYAN	24	2:37.43 KATHLEEN HARTNETT	23	10:53.48 EMILY WATTS	28
2:20.62 ANNE WATKINS	2:51.32 KATHLEEN BOYD	24	2:37.80 ELAINE WEIGAND	24	10:56.91 KIRA MC DONOUGH	28
2:22.34 JENNIFER HAMMOND	2:55.21 BETHANY WILLISTON	24	2:40.07 TATE BIRNIE	20	11:01.30 DEBORAH HEIM	26
2:22.53 TATE BIRNIE	2:55.63 ANN SPEED	24	2:42.51 MARY RYAN	24	11:03.76 J.MOLEN	28
2:23.25 TABITHA BONNEY	2:56.89 CARLA ELDRIDGE	21	2:43.06 ELISE SELZ	24	11:27.36 KIM KRYZAN	26
2:25.11 BETHANY WILLISTON	50 M. BRST WOMEN 19-24		2:45.30 BETHANY WILLISTON	24	11:38.31 PATRICIA HOGAN	25
2:25.74 N.WUNDERLICH	33.66 ELIZABETH NELSON	95	2:45.51 CHRISTINE SCHULTZ	24	11:54.60 MELISSA NOBLE	27
2:26.17 MICHELLE MC BRIDE	33.66 ELIZABETH NELSON	20	2:45.99 SARAH WILLIAMS	22	1500 M. FREE WOMEN 25-29	
2:26.51 CAROLYN HAGGERTY	37.44 LEANNE FARMER	23	2:47.18 JULIE AHRENDT	24	17:27.96 SHEILA TAORMINA	95
400 M. FREE WOMEN 19-24	37.75 ELAINE WEIGAND	24	2:47.26 JENNIFER HAMMOND	23	17:27.96 SHEILA TAORMINA	26
4:40.07 CYNTHIA HINSHAW	38.17 MARY CARR	23	400 M. I.M. WOMEN 19-24		20:28.38 CARMEN BRUN	28
4:53.74 ANNE WATKINS	38.27 NINA HEIDEMANN	20	5:18.36 ALISON ZAMANIAN	94	20:34.70 EMILY WATTS	28
4:59.54 KATRINA POPLAWSKI	38.76 TRICIA GARRETT	22	5:38.63 JENNY MILLER	24	20:37.34 KELLY RYAN	26
5:00.24 KATHLEEN HARTNETT	39.37 ELISE SELZ	24	5:42.75 MARY RYAN	24	21:10.69 SUSIE BLAKE	29
5:01.13 LAURA VIALE	39.98 TRACEY MC LACHLAN	23	5:46.50 BETHANY WILLISTON	24	21:23.83 KAREN DUGGAN	25
5:04.95 BETHANY WILLISTON	40.16 CHRISTINE SCHULTZ	24	5:50.22 CHRISTINE SCHULTZ	24	21:33.83 MELINDA FINLEY	28
5:05.42 E.THUNEN-FRENCH	40.21 MARY RYAN	24	6:01.33 SARAH WILLIAMS	22	22:15.08 TRACY KNORR	25
5:09.40 CAROLYN HAGGERTY	100 M. BRST WOMEN 19-24		6:03.36 TRACEY MC LACHLAN	23	23:13.39 JENNIFER MARTIN	29
5:09.69 MICHELLE MC BRIDE	1:13.62 ELIZABETH NELSON	95	6:08.50 WENDY NEELY	21	23:24.38 SHARON KELLOGG	27
5:10.17 CHRISTINE SCHULTZ	1:13.62 ELIZABETH NELSON	20	6:14.63 ROBIN ROBINSON	24	50 M. BACK WOMEN 25-29	
5:10.96 MARY RYAN	1:21.27 ELAINE WEIGAND	24	6:21.81 ELISABETH NIELSEN	20	30.80 DIANE GRANER	89
800 M. FREE WOMEN 19-24	1:22.09 LEANNE FARMER	23	6:27.21 TABITHA BONNEY	24	32.86 ALICIA WALKER	26
9:31.25 ALISON ZAMANIAN	1:23.50 JULIE AHRENDT	24	*****		33.28 A.ROWELL	26
10:10.29 KATRINA POPLAWSKI	1:23.96 NINA HEIDEMANN	20	50 M. FREE WOMEN 25-29		33.51 KRISTINA SANDLIN	27
10:16.63 BETHANY WILLISTON	1:25.90 JENNIFER HAMMOND	23	26.68 SARA SHAND	91	34.27 JENNIFER COERS	25
10:23.64 LAURA VIALE	1:26.72 ELISE SELZ	24	27.72 SHEILA TAORMINA	25	34.70 SUSAN JONES	28
10:30.69 E.THUNEN-FRENCH	1:27.32 CHRISTINE SCHULTZ	24	28.23 LISA GOMEZ	26	35.18 JACQUELINE MILLER	29
10:52.76 EMILY MANN	1:27.64 CAREN MACLEAN	24	28.36 KRISTINA SANDLIN	27	35.18 KAREN DUGGAN	25
11:04.11 D.MORTENSEN	1:29.04 TRACEY MC LACHLAN	23	28.46 ALICIA WALKER	26	35.47 SHARI HARDEN	28
11:08.55 E.SANTANGELO	200 M. BRST WOMEN 19-24		28.61 JAMIE RAAB	25	35.49 MICHELLE BROWN	28
11:17.87 DENISE THOMPSON	2:51.20 LOUISE KEOGH	93	28.94 MICHELLE GHIGGERI	26	36.14 C.KANAZAWA	28
11:54.37 SUSAN CANTO	2:53.75 ELAINE WEIGAND	24	28.97 A.ROWELL	26	100 M. BACK WOMEN 25-29	
11:57.48 LAURA STEPANEK	2:59.76 JULIE AHRENDT	24	29.09 LOUISE KEOGH	26	1:07.32 DIANE GRANER	89
1500 M. FREE WOMEN 19-24	3:00.09 LEANNE FARMER	23	29.17 TRICIA WYATT	26	1:13.11 KRISTINA SANDLIN	27
18:17.40 ALISON ZAMANIAN	3:05.07 JENNIFER HAMMOND	23	29.30 SUSAN JONES	28	1:14.76 JENNIFER COERS	25
19:54.00 LAURA VIALE	3:05.45 CHRISTINE SCHULTZ	24	100 M. FREE WOMEN 25-29		1:16.21 SUSIE HOBSON	27
19:57.34 MICHELLE MC BRIDE	3:06.38 BETHANY WILLISTON	24	57.76 SHEILA TAORMINA	95	1:16.25 MARNELL DWYER	27
20:34.94 CHRISTINE SCHULTZ	3:06.89 NINA HEIDEMANN	20	57.76 SHEILA TAORMINA	25	1:16.97 NANCY BOOS	29
21:06.57 EMILY MANN	3:11.19 MARY CARR	23	1:02.00 ALICIA WALKER	26	1:16.97 MICHELLE BROWN	28
22:36.35 APRIL RUSCH	3:14.37 CAREN MACLEAN	24	1:02.39 JAMIE RAAB	25	1:18.50 KAREN DUGGAN	25
22:54.22 LAURA STEPANEK	3:16.87 ELISABETH NIELSEN	20	1:03.24 KRISTINA SANDLIN	27	1:19.54 JACQUELINE MILLER	29
23:07.42 E.ADAMSON	50 M. FLY WOMEN 19-24		1:03.46 A.ROWELL	26	1:19.89 TINA FOERI	25
23:08.67 ANGELA PROVO	30.00 KANA SHIBUYA	95	1:04.30 LOUISE KEOGH	26	1:20.22 T.WALKER	29
23:16.44 SUSANNE MARTINEAU	30.00 KANA SHIBUYA	23	1:04.45 LISA GOMEZ	26	200 M. BACK WOMEN 25-29	
26:30.97 DANA FRANKS	32.19 JOANNA HARTLEY	24	1:04.53 KATHRIN LAMMERS	25	2:19.97 DIANE GRANER	89
50 M. BACK WOMEN 19-24	32.38 MARY RYAN	24	1:04.67 TRISH KLASMEIER	25	2:31.59 MICHELLE DONAHUE	27
31.55 TORI SMITH	32.66 CHRISTIE WOODRUFF	24	1:05.22 T.WALKER	29	2:40.49 SUSAN JONES	28
33.63 KATHLEEN HARTNETT	32.84 ELISE SELZ	24	200 M. FREE WOMEN 25-29		2:41.13 BRIDGET ROBBINS	25
33.82 TATE BIRNIE	32.97 BRENDA CLARK	23	2:02.89 SHEILA TAORMINA	95	2:47.79 CARMEN BRUN	28

# TOP TEN

## Long Course Meters

2:48.47 SUSIE HOBSON	27	3:22.20 JOAN VER HALEN	26	9:24.66 KARLYN PIPES	33	1:24.64 CATHY WALTERS	34
2:48.73 KAREN DUGGAN	25	200 M. I.M. WOMEN 25-29		9:53.80 DENISE LANDERS	33	1:25.64 NANCY MITCHELL	33
2:51.09 MICHELLE BROWN	28	2:25.45 SARA SHAND	89	10:03.24 NANCY ROSE	33	1:26.18 ELLEN FERGUSON	33
2:52.11 T.WALKER	29	2:34.37 LAUREL HILL	26	10:03.94 ELLEN FERGUSON	33	1:26.21 S.SOTELO-OSBORNE	34
2:53.24 SHARI HARDEN	28	2:35.34 KATHRIN LAMMERS	25	10:19.39 H.VAUGHN-EDMONDS	33	1:26.22 LISA HAWK	32
2:53.85 J.MOLEN	28	2:35.89 MICHELLE DONAHUE	27	10:32.48 CINDY CLEMENTS	34	1:26.72 DEENA CROSSMORE	31
50 M. BRST WOMEN 25-29		2:37.50 LOUISE KEOGH	26	10:46.71 STEPHANIE PORTER	33	1:27.03 GINA MARIE GATTI	31
34.36 ROSEMARIE SEAMAN	87	2:38.09 KRISTINA SANDLIN	27	10:47.90 LORNA CIADELLE	31	200 M. BRST WOMEN 30-34	
35.46 LOUISE KEOGH	26	2:40.61 JAMIE RAAB	25	10:48.74 PAMELA BOSCOVICH	32	2:53.08 KAREN MELICK	87
36.85 MIA COSTELLO	27	2:42.47 MIA COSTELLO	27	10:54.92 PENNY BATES	34	2:53.88 KARLYN PIPES	33
37.40 KATHRIN LAMMERS	25	2:44.60 EVE TOKOS	26	1500 M. FREE WOMEN 30-34		2:58.44 GINA MARIE GATTI	32
37.74 EVE TOKOS	26	2:44.64 JILL LEMONE	28	17:40.50 KAREN BURTON	92	3:01.30 SUSAN RICHMOND	33
38.12 E.MALKEMUS	25	2:45.12 MARNELL DWYER	27	17:53.47 LISA HAZEN	30	3:02.79 JUNE FORD	33
38.30 TRISH KLASMEIER	25	400 M. I.M. WOMEN 25-29		18:55.67 NANCY ROSE	33	3:03.56 ELLEN ATKINSON	32
39.02 CARMEN BRUN	28	5:06.34 SARA SHAND	89	19:06.34 DENISE LANDERS	33	3:03.59 ELLEN FERGUSON	33
39.26 KELLY RELLINGER	29	5:24.65 LAUREL HILL	26	19:29.58 BARBARA MILANESE	33	3:05.44 S.SOTELO-OSBORNE	34
39.54 DANIELLE PAINTER	28	5:46.77 SUSIE BLAKE	29	19:40.15 LISA SHEEPER	31	3:07.24 SUSAN CASEY	32
40.10 K.COLLENTINE	29	5:49.53 JILL LEMONE	28	19:47.16 DEBORAH ZIMIC	33	3:07.52 DEENA CROSSMORE	31
100 M. BRST WOMEN 25-29		5:55.30 MARNELL DWYER	27	19:52.97 ANITA BENEDICT	32	3:09.20 LISA KUMER	30
1:16.60 S.MCINTYRE-WOODS	91	6:01.72 DONNA JOHNSON	27	20:25.91 STEPHANIE PORTER	33	50 M. FLY WOMEN 30-34	
1:19.65 LAUREL HILL	26	6:03.71 JENNIFER LUNDMARK	29	20:41.62 GLORIA NEMET	31	29.22 BETH HARRELL	92
1:20.07 LOUISE KEOGH	26	6:03.73 CARMEN BRUN	28	20:43.03 JUDITH SHERIDAN	32	29.79 KARLYN PIPES	33
1:21.94 EVE TOKOS	26	6:07.44 EMILY WATTS	28	50 M. BACK WOMEN 30-34		30.07 MARTIE MC KINNEY	30
1:22.05 MIA COSTELLO	27	6:07.62 JILL VANAUKEN	26	31.47 KARLYN PIPES	94	30.84 CINDY WATTS	33
1:23.52 E.MALKEMUS	25	6:16.16 COLLEEN JEFFERIES	27	32.03 KARLYN PIPES	33	30.87 EVE WALTON	33
1:23.85 MATHILDE BOUWMA	27	*****		32.55 MARTIE MC KINNEY	30	31.14 SUSAN MENDEZ	32
1:23.90 KAREN DUGGAN	25	50 M. FREE WOMEN 30-34		33.36 KAREN ANDREWS	33	31.58 M.DONAHUE	33
1:24.80 KELLY RELLINGER	29	26.37 S NEILSON-BELL	88	33.46 ANDREA DEVUONO	33	31.59 JUNE FORD	33
1:26.09 JILL LEMONE	28	28.13 KARLYN PIPES	33	34.19 VIBEKE SWANSON	33	31.72 PENNY LEACH	32
1:26.66 TRISH KLASMEIER	25	28.55 LISA HAWK	32	34.28 PENNY LEACH	32	32.31 JEANNIE JOHNSON	34
1:26.66 K.COLLENTINE	29	28.57 PAULA ROEMER	34	34.42 VICKY DAVIDSON	30	32.35 VICKY DAVIDSON	30
200 M. BRST WOMEN 25-29		29.46 MINDY MCLOUGHLIN	31	34.47 TRICIA ZORN	31	100 M. FLY WOMEN 30-34	
2:48.61 LOUISE KEOGH	95	29.54 IRINA POLOUETOVA	31	34.94 PAULA ROEMER	34	1:05.23 KARLYN PIPES	95
2:48.61 LOUISE KEOGH	26	29.76 E.SCHIEMANN	33	35.32 JILL BLACK	33	1:05.23 KARLYN PIPES	33
2:59.88 KAREN DUGGAN	25	29.80 ELLEN ATKINSON	32	100 M. BACK WOMEN 30-34		1:08.46 JUNE FORD	33
3:02.72 JILL LEMONE	28	29.83 CINDY WATTS	33	1:06.68 KARLYN PIPES	95	1:11.56 SUSAN MENDEZ	32
3:07.57 DEBORAH HEIM	26	29.83 SUSAN MENDEZ	32	1:06.68 KARLYN PIPES	33	1:11.89 STEPHANIE PORTER	33
3:08.21 K.COLLENTINE	29	29.84 PENNY LEACH	32	1:07.97 MARTIE MC KINNEY	30	1:12.12 M.DONAHUE	33
3:10.19 MIA COSTELLO	27	100 M. FREE WOMEN 30-34		1:11.33 TRICIA ZORN	31	1:12.22 NANCY MITCHELL	33
3:10.26 BETSEY COLLINS	26	58.09 S NEILSON-BELL	88	1:13.47 VIBEKE SWANSON	33	1:12.96 C.CHICHESTER	32
3:10.88 CARMEN BRUN	28	59.35 KARLYN PIPES	33	1:13.71 PENNY LEACH	32	1:13.53 PAULA ROEMER	34
3:11.97 SUSIE BLAKE	29	1:03.07 PAULA ROEMER	34	1:14.03 ANDREA DEVUONO	33	1:14.26 KATHRYN WINKLE	30
3:12.62 CAROLYN HOUTZ	26	1:04.38 PENNY LEACH	32	1:14.87 KAREN ANDREWS	33	1:14.57 DIANE URSIN	32
50 M. FLY WOMEN 25-29		1:04.42 VICKY DAVIDSON	30	1:15.43 CHRISTINE HOLMAN	30	200 M. FLY WOMEN 30-34	
28.79 ROSEMARIE SEAMAN	87	1:04.56 LORNA CIADELLE	31	1:16.38 PAULA ROEMER	34	2:21.43 KARLYN PIPES	95
29.49 JAMIE RAAB	25	1:04.57 CHRISTINE HOLMAN	30	1:16.53 ANNA RAY	32	2:21.43 KARLYN PIPES	33
29.88 ALICIA WALKER	26	1:05.41 GINA MARIE GATTI	32	200 M. BACK WOMEN 30-34		2:23.26 MARTIE MC KINNEY	30
30.10 A.ROWELL	26	1:05.44 BARBARA MILANESE	33	2:21.40 KARLYN PIPES	95	2:28.78 JUNE FORD	32
30.21 YURIKO POEHLMAN	26	1:05.49 ELLEN ATKINSON	32	2:21.40 KARLYN PIPES	33	2:39.40 STEPHANIE PORTER	33
30.54 KRISTINA SANDLIN	27	1:05.94 T.CHILDRESS-BROWN	31	2:30.90 MARTIE MC KINNEY	30	2:40.71 C.CHICHESTER	32
30.56 LAUREL HILL	26	200 M. FREE WOMEN 30-34		2:36.23 ANDREA DEVUONO	33	2:43.86 NANCY ROSE	33
31.06 KELLY RELLINGER	29	2:07.84 BETH KNIGHT	89	2:39.90 VICKY DAVIDSON	30	2:50.66 CORY MACKIE	31
31.44 LISA GOMEZ	26	2:11.19 LISA HAZEN	30	2:43.82 LORNA CIADELLE	31	2:54.03 LORNA CIADELLE	31
31.89 TRICIA WYATT	26	2:19.93 C.CHICHESTER	32	2:44.64 BRANDY BROWN	32	3:01.14 PENNY BATES	34
32.11 TRISH KLASMEIER	25	2:20.22 JUNE FORD	33	2:46.55 PAULA ROEMER	34	3:07.50 LAURIE HADLEY	34
100 M. FLY WOMEN 25-29		2:20.23 KARLYN PIPES	33	2:46.82 MARY LLEW ANDERS	32	200 M. I.M. WOMEN 30-34	
1:03.67 SHEILA TAORMINA	95	2:20.82 ELLEN FERGUSON	33	2:47.29 TRICIA ZORN	31	2:25.89 KARLYN PIPES	95
1:03.67 SHEILA TAORMINA	25	2:20.87 DEBORAH ZIMIC	33	2:47.45 DEBORAH ZIMIC	33	2:25.89 KARLYN PIPES	33
1:06.01 JAMIE RAAB	25	2:21.87 T.CHILDRESS-BROWN	31	2:47.45 BARBARA MILANESE	33	2:36.32 JUNE FORD	33
1:08.06 LAUREL HILL	26	2:22.43 DIANE URSIN	32	50 M. BRST WOMEN 30-34		2:38.28 C.CHICHESTER	32
1:08.61 ALICIA WALKER	26	2:22.91 BARBARA MILANESE	33	35.90 LISA BENNETT	88	2:39.32 ANDREA DEVUONO	33
1:09.40 A.ROWELL	26	2:24.12 LORNA CIADELLE	30	36.27 KARLYN PIPES	33	2:41.17 TRICIA ZORN	31
1:10.12 KRISTINA SANDLIN	27	400 M. FREE WOMEN 30-34		38.05 CATHY WALTERS	34	2:41.27 LORNA CIADELLE	31
1:11.21 CAROLYN HOUTZ	26	4:30.19 KARLYN PIPES	95	38.08 LISA HAWK	32	2:41.30 NANCY MITCHELL	33
1:11.56 BRIDGET ROBBINS	25	4:30.19 KARLYN PIPES	33	38.16 ELLEN ATKINSON	32	2:42.95 DIANE URSIN	32
1:11.82 MICHELLE DONAHUE	27	4:32.52 LISA HAZEN	30	38.23 E.SCHIEMANN	33	2:43.62 NANCY ROSE	33
1:12.41 JILL LEMONE	28	4:47.58 JUNE FORD	32	38.47 SUSAN RICHMOND	33	2:44.51 KATHY ZUBATUK	30
200 M. FLY WOMEN 25-29		4:51.29 ELLEN FERGUSON	33	39.52 PATRICIA POWIS	34	400 M. I.M. WOMEN 30-34	
2:22.42 JUNE FORD	87	4:52.34 DENISE LANDERS	33	39.68 LESLIE STANLEY	33	5:08.67 KARLYN PIPES	94
2:31.73 KATHRIN LAMMERS	25	4:57.36 C.CHICHESTER	32	39.83 LISA SHEEPER	31	5:24.26 JUNE FORD	33
2:36.79 LAUREL HILL	26	4:58.40 NANCY ROSE	33	40.15 KRISTINE COLYER	30	5:35.57 C.CHICHESTER	32
2:37.11 JILL LEMONE	28	5:00.34 LISA SHEEPER	31	100 M. BRST WOMEN 30-34		5:37.14 ANDREA DEVUONO	33
2:50.44 DEBORAH HEIM	26	5:00.48 DIANE URSIN	32	1:18.80 BETH SCHEIMANN	93	5:39.06 DEBORAH ZIMIC	33
3:03.70 LYSSA PENCE	28	5:04.13 H.VAUGHN-EDMONDS	33	1:20.37 KARLYN PIPES	33	5:42.39 NANCY ROSE	33
3:05.14 MARNELL DWYER	27	800 M. FREE WOMEN 30-34		1:22.40 JUNE FORD	33	5:42.85 NANCY MITCHELL	33
3:15.07 ONDINE PARKER	28	9:19.96 SUSAN PORTER	94	1:24.54 SUSAN RICHMOND	33	5:44.05 DIANE URSIN	32

# TOP TEN

## Long Course Meters

5:46.79	STEPHANIE PORTER	33	50	M. BACK WOMEN 35-39	32.31	MONIKA DALKIN	36	1:08.53	DEBBIE GLASSMAN	41		
5:47.38	CORY MACKIE	31		32.39 LAURA VAL	90	32.55 MOLLY WOLF	35	1:08.79	NANCY FISHER	44		
5:48.48	BARBARA MILANESE	33		34.12 PATTY LANDERS	38	33.01 MARINA MALAN	35	1:09.40	MARILYN FINK	40		
*****	*****	*****		34.69 NANCY RENO	39	33.38 SUZANNE HEIM	37	1:10.24	SARA LUNDGAARD	40		
				35.63 LESLIE ULEN	37	33.68 LESLIE COOPER	35	1:10.85	DENISE KIRWAN	43		
				36.08 L. HASSELQUIST	37	33.81 DEBBIE FLANSBURG	39	200 M. FREE WOMEN 40-44				
				36.08 KATHERINE BRANCH	38	33.81 MINDY HAMWAY	36	2:14.97	LAURA VAL	94		
				36.70 SANDY CONROY	36	33.97 PAULA HAMP	35	2:16.42	LAURA VAL	43		
				37.98 LAURIE ALIOTO	37	100 M. FLY WOMEN 35-39		2:20.03	DANIELLE OGIER	42		
				38.52 CAROLE FUNK	35	1:05.39	SUSAN HALFACRE	88	2:31.95	CAROLE SHIGAKI	40	
				38.64 GRACIE GODDARD	35	1:09.80	S.NEILSON-BELL	39	2:32.85	KARLENE WISE	41	
				39.35 MARTA KREPS	35	1:11.03	GRACIE GODDARD	35	2:33.55	JUDY HELLER	40	
				100 M. BACK WOMEN 35-39		1:11.25	AMY POPE	35	2:33.84	THERESA HESSLER	43	
				1:08.49	ZENA HERRMANN	94	1:11.75	MOLLY WOLF	35	2:35.20	DENISE EVERITT	42
				1:08.98	JUDITH LALLIER	36	1:11.98	THERESA VILLA	38	2:35.85	BARB GUNDRED	43
				1:13.64	PATTY LANDERS	38	1:13.10	CHARLENE O'BRIEN	38	2:37.92	DEBBIE GLASSMAN	41
				1:17.43	KATHERINE BRANCH	38	1:13.13	SUZANNE HEIM	36	2:38.20	GAYLE BENTY	42
				1:17.88	MARY CHRIS CURL	38	1:13.30	DEBBIE FLANSBURG	39	400 M. FREE WOMEN 40-44		
				1:18.06	L. HASSELQUIST	37	1:15.69	ELIZABETH FRY	36	4:48.82	LAURA VAL	94
				1:18.32	LAURIE ALIOTO	37	1:17.02	JULIE D'AMBROSIA	39	4:59.65	DANIELLE OGIER	42
				1:18.44	DIANNE BARRY	37	200 M. FLY WOMEN 35-39		5:17.69	NANCY FISHER	44	
				1:18.45	KAREN OLIVER	35	2:26.38	LAURA VAL	89	5:20.71	JUDY HELLER	40
				1:19.10	SANDY CONROY	36	2:38.97	DEBBIE FLANSBURG	39	5:22.70	DENISE EVERITT	42
				1:19.16	LESLIE ULEN	38	2:48.42	THERESA VILLA	38	5:25.99	BARB GUNDRED	43
				200 M. BACK WOMEN 35-39		2:51.64	LAURIE ALIOTO	37	5:26.04	THERESA HESSLER	43	
				2:26.66	ZENA HERRMANN	94	2:52.34	KATHERINE BRANCH	38	5:30.55	JOANNE WAINWRIGHT	40
				2:28.37	JUDITH LALLIER	36	2:54.04	BARBIE FISHER	35	5:33.32	CATHY SCHULBACH	41
				2:40.37	PATTY LANDERS	38	2:55.73	MARGUERITE MEYER	36	5:36.89	JONELLE SCHMIDT	44
				2:44.83	KATHERINE BRANCH	38	2:57.12	EILEEN WALL	37	5:37.28	BARBARA PROTZMAN	40
				2:47.92	DIANNE BARRY	37	2:59.87	JULIE D'AMBROSIA	39	800 M. FREE WOMEN 40-44		
				2:48.45	MARY CHRIS CURL	38	3:01.78	LAURA WORDEN	37	9:57.69	LAURA VAL	93
				2:50.88	SANDY CONROY	36	3:02.39	JOANNE WAINWRIGHT	39	10:05.65	LAURA VAL	43
				2:52.09	LAURIE ALIOTO	37	200 M. I.M. WOMEN 35-39		10:31.54	DANIELLE OGIER	42	
				2:52.22	DEBBIE STARR	38	2:28.93	JUDITH LALLIER	94	11:07.46	JUDY HELLER	40
				2:52.51	LESLIE ULEN	38	2:35.73	JANN GIRARD	35	11:20.15	JOANNE WAINWRIGHT	40
				2:55.43	THERESA VILLA	38	2:37.18	S.NEILSON-BELL	39	11:38.00	GAIL GREENWOOD	43
				50 M. BRST WOMEN 35-39		2:41.44	MARY CHRIS CURL	38	11:38.96	SHERRY KITTRELL	43	
				34.41	L WETZEL-OSBORNE	89	2:43.22	SUZANNE HEIM	37	11:41.25	JOANNE BOWSER	41
				36.86	LISA BENNETT	39	2:46.39	CATHY COOLEY	37	11:43.96	LOUISE CLEARY	40
				38.48	HILARY MAIN	35	2:46.70	MOLLY WOLF	35	11:51.54	ELIN ZANDER	41
				39.11	LESLIE COOPER	35	2:47.26	ELIZABETH FRY	36	11:53.47	BARBARA PROTZMAN	40
				39.21	EILEEN WALL	37	2:48.29	LESLIE COOPER	35	1500 M. FREE WOMEN 40-44		
				39.34	ELAINE WIMER	35	2:49.01	PATTY LANDERS	38	19:00.40	BARBARA DUNBAR	92
				39.83	NANCY VINCENT	36	2:49.13	THERESA VILLA	38	19:07.20	LAURA VAL	43
				39.98	MELANIE O'GRADY	39	400 M. I.M. WOMEN 35-39		20:56.14	JUDY HELLER	40	
				40.08	CATHY COOLEY	37	5:34.47	KAREN FARNSWORTH	92	21:11.98	DENISE EVERITT	42
				40.19	COKIE LEPINSKI	36	5:35.91	JANN GIRARD	35	21:19.79	JOANNE WAINWRIGHT	40
				40.94	PAULA HAMP	35	5:38.47	SUZANNE HEIM	37	21:45.99	CATHY SCHULBACH	41
				100 M. BRST WOMEN 35-39		5:39.61	S.NEILSON-BELL	39	21:46.65	THERESA HESSLER	43	
				1:17.44	L WETZEL-OSBORNE	90	5:43.35	AMY POPE	35	21:51.84	DANIELLE OGIER	42
				1:24.43	HILARY MAIN	35	5:50.93	MARGUERITE MEYER	36	22:01.03	GAILE GREENWOOD	43
				1:24.58	LISA BENNETT	39	6:02.36	LAURIE ALIOTO	37	22:12.48	M.BETH WINDRATH	42
				1:25.12	JANN GIRARD	35	6:06.18	EILEEN WALL	37	22:28.69	ELIN ZANDER	41
				1:25.16	EILEEN WALL	37	6:07.61	CAROL BADGER	35	50 M. BACK WOMEN 40-44		
				1:26.03	LESLIE COOPER	35	6:08.95	THERESA VILLA	38	32.25	LAURA VAL	94
				1:26.44	DANA LEVITT	38	6:11.09	SHARON BLAHA	35	32.75	LAURA VAL	43
				1:26.66	COKIE LEPINSKI	36	*****	*****	*****	34.44	CAROLE SHIGAKI	40
				1:27.77	MARY CHRIS CURL	38	50 M. FREE WOMEN 40-44			34.65	NANCY FISHER	44
				1:27.84	ELAINE WIMER	35	28.05	LAURA VAL	92	35.56	CAROL PFLUGHEBER	41
				1:27.87	NANCY VINCENT	36	28.16	LAURA VAL	43	36.37	KARLENE WISE	41
				200 M. BRST WOMEN 35-39		29.52	DANIELLE OGIER	42	36.81	DANIELLE OGIER	42	
				2:52.40	DEA ANN JOSLIN	94	29.61	KARLENE WISE	41	37.35	ANN GUINS	41
				3:01.25	JANN GIRARD	35	30.25	DEBBIE GLASSMAN	41	38.05	BARBARA SCHLESIER	41
				3:04.41	COKIE LEPINSKI	36	30.55	R.BRITTINGHAM	43	38.37	LOUISE CLEARY	40
				3:05.23	EILEEN WALL	37	30.70	NANCY FISHER	44	38.92	JOANNE WAINWRIGHT	40
				3:05.54	HILARY MAIN	35	30.88	THERESA HESSLER	43	100 M. BACK WOMEN 40-44		
				3:07.96	LISA BENNETT	39	31.43	CAROLE SHIGAKI	40	1:11.03	LAURA VAL	92
				3:10.76	NANCY VINCENT	36	31.52	MARILYN FINK	40	1:11.23	LAURA VAL	43
				3:14.52	BETTY ANN LEVINE	37	31.55	SARA LUNDGAARD	40	1:16.38	CAROLE SHIGAKI	40
				3:15.68	MANDY SHUMAKER	39	100 M. FREE WOMEN 40-44			1:16.42	MARY ANN STEVENS	42
				3:17.87	CATHY COOLEY	37	1:01.41	LAURA VAL	94	1:18.28	KARLENE WISE	41
				3:21.57	PAMELA ALLEN	39	1:01.78	LAURA VAL	43	1:20.13	NANCY FISHER	44
				50 M. FLY WOMEN 35-39		1:04.75	DANIELLE OGIER	42	1:21.20	CAROL PFLUGHEBER	41	
				29.27	SUSAN HALFACRE	88	1:05.48	KARLENE WISE	41	1:22.81	MARILYN FINK	40
				30.82	GRACIE GODDARD	35	1:06.87	CAROLE SHIGAKI	40	1:23.57	JOANNE WAINWRIGHT	40
				32.19	CHARLENE O'BRIEN	38	1:08.01	THERESA HESSLER	43	1:23.90	CANDY KANE	43

# TOP TEN

## Long Course Meters

1:24.29 BARBARA SCHLESIER 41	2:41.02 MARY ANN STEVENS 42	5:46.52 SALLY DILLON 48	44.02 STEPHANIE WALSH 45
200 M. BRST WOMEN 40-44	2:43.16 CAMILLE THOMPSON 40	5:52.50 SANDY BAKER 45	44.43 MERRELL WILLIAMS 45
2:41.80 MARY ANN STEVENS 94	2:55.21 JOANNE WAINWRIGHT 40	5:56.17 LAURA CALWELL 45	100 M. BRST WOMEN 45-49
2:43.12 MARY ANN STEVENS 42	2:55.74 DENISE EVERITT 42	6:00.33 JANET BURDICK 48	1:22.27 SUSAN ROY 94
2:45.17 CAROLE SHIGAKI 40	3:04.40 DEBBIE GLASSMAN 41	6:01.42 JANET GETTLING 47	1:29.55 GINGER PIERSON 49
2:50.62 NANCY FISHER 44	3:17.35 R.BRITTINGHAM 44	6:01.61 LUCY JOHNSON 48	1:33.03 CHRISTIE SLIMAK 47
2:53.01 BARB GUNDRED 43	3:30.92 MARY-CHRIS KAY 41	800 M. FREE WOMEN 45-49	1:36.50 JANET GETTLING 47
2:58.18 JOANNE WAINWRIGHT 40	3:38.10 ELIN ZANDER 41	10:20.34 BARBARA DUNBAR 95	1:37.06 KATHRINE CASEY 46
2:59.45 CAROL PFLUGHEBER 41	3:50.14 PATRICIA BAYERS 40	10:20.34 BARBARA DUNBAR 46	1:38.53 P.PAGLIARULO 45
3:00.14 KARLENE WISE 41	200 M. I.M. WOMEN 40-44	10:41.17 CELESTE MILLER 45	1:38.64 JAN WAHLERS 46
3:01.09 LOUISE CLEARY 40	2:38.20 LAURA VAL 93	11:24.17 F.WILLIAMSON 47	1:38.66 MARGOT PETTIJOHN 48
3:01.22 BARBARA SCHLESIER 41	2:38.65 LAURA VAL 43	12:06.43 SANDY BAKER 45	1:39.97 MERRELL WILLIAMS 45
3:01.52 JOANNE BOWSER 41	2:41.10 DANIELLE OGIER 42	12:06.43 SANDY BAKER 45	1:40.21 STEPHANIE WALSH 45
50 M. BRST WOMEN 40-44	2:42.41 CAMILLE THOMPSON 40	12:15.97 DONNA DUNN 47	1:41.06 BONNIE MURPHY 45
37.02 A WRIGHT-BELKNAP 92	2:44.56 MARY ANN STEVENS 42	12:15.97 DONNA DUNN 47	200 M. BRST WOMEN 45-49
38.25 A.WRIGHT-BELKNAP 44	2:49.83 CAROLE SHIGAKI 40	12:20.52 KATHRINE CASEY 46	3:09.19 CAROLYN BOAK 92
39.35 GAYLE BENTY 42	2:54.77 JOANNE WAINWRIGHT 40	12:31.20 SUZANNE RAGUE 45	3:15.67 GINGER PIERSON 49
39.58 DANIELLE OGIER 42	2:57.47 DENISE EVERITT 42	12:45.39 JANET GETTLING 47	3:26.13 CHRISTIE SLIMAK 47
40.81 CAROLE SHIGAKI 40	2:58.75 TERI HENDRYX 42	1500 M. FREE WOMEN 45-49	3:27.87 MARGOT PETTIJOHN 49
41.12 RHIAN GULASSA 40	3:00.12 MARILYN FINK 40	19:28.46 ANN LYTLE 47	3:31.23 JANET GETTLING 47
41.54 EDNA MOORE 40	3:00.35 JONELLE SCHMIDT 44	19:56.82 BARBARA DUNBAR 46	3:34.24 BONNIE MURPHY 45
41.61 KATIE MCNAMARA 40	400 M. I.M. WOMEN 40-44	22:32.13 SALLY DILLON 48	3:35.88 MARGARET HARRIS 49
41.75 MARY LIOTTA 43	5:39.70 LAURA VAL 93	22:54.45 SANDY BAKER 45	3:37.74 GERRE JONES 46
42.28 DIANE ROTHENBERG 42	5:43.50 DANIELLE OGIER 42	23:00.15 KATHRINE CASEY 46	3:39.30 MARGUERITE HANSEN 45
42.39 SHARLENE VAN BOER 41	5:44.96 CAMILLE THOMPSON 40	23:01.32 CHRISTIE SLIMAK 47	3:39.87 P.PAGLIARULO 45
100 M. BRST WOMEN 40-44	5:49.92 MARY ANN STEVENS 42	23:05.99 CATHY MANCINO 45	3:41.25 SUSAN CASE 46
1:21.73 DEBORAH WALKER 91	6:14.66 JOANNE WAINWRIGHT 40	23:30.87 LAURA CALWELL 45	50 M. FLY WOMEN 45-49
1:26.31 GAYLE BENTY 42	6:18.37 DENISE EVERITT 42	24:10.55 JUDY GILLIES 47	30.74 ARDETH MUELLER 87
1:27.99 A.WRIGHT-BELKNAP 44	6:32.82 CATHY SCHULBACH 41	24:25.91 MEL LEBSACK 46	33.60 CECILIA MCCLOSKEY 45
1:28.05 DANIELLE OGIER 42	6:34.88 JOANNE BOWSER 41	24:52.59 GINGER PIERSON 49	35.02 BARBARA DUNBAR 46
1:28.12 CAROLE SHIGAKI 40	6:38.56 ELIN ZANDER 41	50 M. BACK WOMEN 45-49	36.13 SANDI ROUSSEAU 47
1:28.56 RHIAN GULASSA 40	6:50.53 R.BRITTINGHAM 43	34.55 CECILIA MCCLOSKEY95	36.79 MIMI FRANK 48
1:32.84 TERI HENDRYX 42	7:11.71 ELKE ASLESON 43	34.55 CECILIA MCCLOSKEY 45	36.96 LUCY JOHNSON 48
1:32.91 DIANE ROTHENBERG 42	*****	38.18 MIMI FRANK 48	36.96 F.WILLIAMSON 47
1:33.58 EDNA MOORE 40	50 M. FREE WOMEN 45-49	40.43 JEANNIE MITCHELL 48	37.00 JANET BURDICK 48
1:33.81 MELISSA MALDOVAN 42	29.08 ARDETH MUELLER 87	40.66 MARGUERITE HANSEN 45	37.26 JUDY LEE 45
1:33.93 SHARLENE VAN BOER 41	31.82 CELESTE MILLER 45	40.86 JUDY LEE 45	37.53 JANET GETTLING 47
200 M. BRST WOMEN 40-44	31.96 F.WILLIAMSON 47	41.05 GERRE JONES 46	37.76 MERRELL WILLIAMS 45
2:59.24 GAYLE BENTY 93	32.12 GERRE JONES 46	41.10 SUSAN CASE 46	100 M. FLY WOMEN 45-49
3:05.30 GAYLE BENTY 42	32.22 BARBARA DUNBAR 46	41.46 GINGER PIERSON 49	1:12.67 ARDETH MUELLER 87
3:09.28 RHIAN GULASSA 40	32.39 ANN LYTLE 47	41.46 ROCKI KRAMER 49	1:15.07 BARBARA DUNBAR 46
3:11.84 CAROLE SHIGAKI 40	33.16 MERRELL WILLIAMS 45	41.49 STEPHANIE WALSH 45	1:24.31 STEPHANIE WALSH 45
3:16.26 CATHY SCHULBACH 41	33.23 KATHRINE CASEY 46	100 M. BACK WOMEN 45-49	1:25.42 GINGER PIERSON 49
3:16.59 DANIELLE OGIER 42	33.49 SANDY BAKER 45	1:14.83 CECILIA MCCLOSKEY95	1:28.01 LUCY JOHNSON 48
3:16.65 TERI HENDRYX 42	33.49 CHRISTIE SLIMAK 47	1:14.83 CECILIA MCCLOSKEY 45	1:28.94 JANET BURDICK 48
3:20.21 ELIN ZANDER 41	33.50 SUZANNE COOPER 45	1:22.62 MIMI FRANK 48	1:29.80 CATHY MANCINO 45
3:26.37 MELISSA MALDOVAN 42	100 M. FREE WOMEN 45-49	1:25.37 JANET BURDICK 48	1:30.16 SANDI ROUSSEAU 47
3:28.02 JODY BROWNING 40	1:05.44 ARDETH MUELLER 87	1:27.16 JUDY LEE 45	1:30.33 JANET GETTLING 47
3:28.24 JESSICA SEATON 42	1:07.73 CELESTE MILLER 45	1:28.23 JEANNIE MITCHELL 48	1:30.39 JUDY LEE 45
50 M. FLY WOMEN 40-44	1:08.04 F.WILLIAMSON 47	1:28.55 KATHRINE CASEY 46	1:36.16 B.EDELMAIER 48
29.89 LAURA VAL 94	1:09.61 CECILIA MCCLOSKEY 45	1:31.56 GINGER PIERSON 49	200 M. FLY WOMEN 45-49
30.41 LAURA VAL 43	1:10.21 BARBARA DUNBAR 46	1:32.20 SUSAN CASE 46	2:38.78 BARBARA DUNBAR 94
32.03 MARY ANN STEVENS 42	1:10.78 ANN LYTLE 47	1:32.34 KRISTINA KING 47	2:45.31 BARBARA DUNBAR 46
32.15 CAMILLE THOMPSON 40	1:13.35 SALLY DILLON 48	1:33.87 MONIKA HUNSCHER 47	3:03.26 CATHY MANCINO 45
32.78 CAROLE SHIGAKI 40	1:13.88 KATHRINE CASEY 46	200 M. BACK WOMEN 45-49	3:13.52 GINGER PIERSON 49
32.80 DEBBIE GLASSMAN 41	1:15.64 GERRE JONES 46	2:42.60 CECILIA MCCLOSKEY95	3:25.26 SUZANNE RAGUE 45
33.01 R.BRITTINGHAM 43	1:16.05 SANDY BAKER 45	2:42.60 CECILIA MCCLOSKEY 45	3:32.29 SANDI ROUSSEAU 47
33.03 KARLENE WISE 41	1:16.15 LUCY JOHNSON 48	3:01.72 MIMI FRANK 48	3:35.04 JANET GETTLING 47
33.75 CAROL PFLUGHEBER 41	200 M. FREE WOMEN 45-49	3:06.48 JANET BURDICK 48	3:36.49 FRANCES SHEPARD 45
34.25 MARION MILNER 44	2:24.24 ARDETH MUELLER 87	3:08.18 JUDY LEE 45	3:39.94 M. CONOMOS 45
35.12 MARY-CHRIS KAY 41	2:25.25 BARBARA DUNBAR 46	3:08.43 JEANNIE MITCHELL 48	3:44.21 CATHERINE BROOKS 46
100 M. FLY WOMEN 40-44	2:28.58 CELESTE MILLER 45	3:11.73 KATHRINE CASEY 46	3:44.32 EDITH JACOBSEN 47
1:06.27 LAURA VAL 92	2:32.08 F.WILLIAMSON 47	3:14.36 KRISTINA KING 47	200 M. I.M. WOMEN 45-49
1:07.99 LAURA VAL 43	2:36.59 ANN LYTLE 47	3:14.54 GINGER PIERSON 49	2:46.22 CECILIA MCCLOSKEY95
1:10.88 CAMILLE THOMPSON 40	2:42.09 SALLY DILLON 48	3:15.77 MONIKA HUNSCHER 47	2:46.22 CECILIA MCCLOSKEY 45
1:12.21 MARY ANN STEVENS 42	2:47.51 KRISTINA KING 47	3:17.04 SUSAN CASE 46	2:51.32 BARBARA DUNBAR 46
1:16.25 KARLENE WISE 41	2:47.58 LAURA CALWELL 45	50 M. BRST WOMEN 45-49	2:52.67 CELESTE MILLER 45
1:17.03 DEBBIE GLASSMAN 41	2:49.19 NANCY MILLER 45	36.97 SUSAN ROY 94	3:04.17 MIMI FRANK 48
1:17.54 DENISE EVERITT 42	2:49.27 SANDY BAKER 45	40.41 GINGER PIERSON 49	3:07.94 CHRISTIE SLIMAK 47
1:19.99 R.BRITTINGHAM 43	2:49.53 LUCY JOHNSON 48	41.67 CHRISTIE SLIMAK 47	3:10.51 STEPHANIE WALSH 45
1:20.52 TERI HENDRYX 42	400 M. FREE WOMEN 45-49	42.58 SUZANNE COOPER 45	3:11.84 JANET GETTLING 47
1:23.77 BARBARA PROTZMAN 40	4:59.86 BARBARA DUNBAR 94	42.67 GERRE JONES 46	3:12.30 GINGER PIERSON 49
1:27.01 JOANNE BOWSER 41	5:04.88 BARBARA DUNBAR 46	43.04 KATHRINE CASEY 46	3:14.62 LUCY JOHNSON 48
200 M. FLY WOMEN 40-44	5:10.41 CELESTE MILLER 45	43.35 JANET GETTLING 47	3:16.70 KATHRINE CASEY 46
2:32.59 LAURA VAL 95	5:30.80 F.WILLIAMSON 47	43.72 NANCY MILLER 45	400 M. I.M. WOMEN 45-49
2:32.59 LAURA VAL 43	5:36.59 ANN LYTLE 47	43.82 MARGOT PETTIJOHN 49	5:54.98 ARDETH MUELLER 87

# TOP TEN

## Long Course Meters

5:55.94 BARBARA DUNBAR	46	23:41.90 CAROL JEWELL	53	3:50.04 JACKIE MARR	52	1:21.59 BARBARA ZAREMSKI	58
6:40.34 GINGER PIERSON	49	24:28.44 MARY POHLMANN	50	3:50.20 BEA HACKETT	50	1:22.85 BETSY JORDAN	58
6:43.37 CATHY MANCINO	45	25:21.37 PAMELA HIMSTREET	51	3:58.55 JANE KATZ	52	1:24.64 MARGIE HEINEMAN	57
6:45.69 CHRISTIE SLINAK	47	25:45.06 JENNIFER PARKS	51	50 M. FLY WOMEN 50-54		1:25.39 PAT TULLMAN	58
6:59.88 SUZANNE RAGUE	45	26:06.46 SUE CALNEK	52	31.69 ARDETH MUELLER	93	1:25.78 NANCY BROWN	59
7:03.65 JANET GETTLING	47	26:28.60 FREDERICKA RAPP	51	35.06 SARAH BROUGHER	53	200 M. FREE WOMEN 55-59	
7:10.90 SANDRA CATHEY	46	27:34.33 JANIT ROMAYKO	50	35.93 NANCY RIDOUT	53	2:42.04 LAVELLE STOINOFF	88
7:12.01 CATHERINE BROOKS	46	50 M. BACK WOMEN 50-54		36.04 JUDY REED	51	2:49.54 JAYNE LAMBKE	56
7:21.25 MARGOT PETTIJOHN	49	37.62 BETSY JORDAN	91	39.31 SUZANNE DILLS	50	2:58.51 SUSAN MUNN	56
7:24.03 EDITH JACOBSEN	47	41.42 MARY POHLMANN	50	39.88 CAROL JEWELL	53	2:58.79 SUSAN BRADLEY-COX	57
*****		42.13 BARBARA FRID	53	40.33 BARBARA FRID	53	3:00.28 BETSY JORDAN	58
50 M. FREE WOMEN 50-54		42.53 NANCY RIDOUT	53	42.09 ANNE BOTSFORD	52	3:03.41 CHARLOTTE JENKINS	56
29.33 ARDETH MUELLER	93	43.49 JANE KATZ	52	43.02 CAROL DEWELL	51	3:04.52 BARBARA ZAREMSKI	58
31.06 NANCY RIDOUT	53	43.60 CAROL ADAMS	51	46.46 BETTY DUGAN	54	3:10.28 MARGIE HEINEMAN	58
31.49 JUDY REED	51	44.14 NANCY BROOKS	52	46.60 DANIELA BARNEA	51	3:12.41 PAT TULLMAN	58
33.83 PATRICIA QUIJANO	50	44.71 CHRIS GILLIGAN	51	100 M. FLY WOMEN 50-54		3:15.00 ANN CHAMP	59
35.13 NANCY BROOKS	52	45.24 BETSY DURRANT	53	1:13.86 ARDETH MUELLER	93	3:16.75 BARBARA DILLARD	57
36.01 BETTY DUGAN	54	45.91 JENNIFER PARKS	51	1:38.40 ANNE BOTSFORD	52	400 M. FREE WOMEN 55-59	
36.59 SUE CALNEK	52	49.27 FREDERICKA RAPP	51	1:45.69 CAROLYN BEHSE	54	5:36.66 LAVELLE STOINOFF	88
36.78 ANNE BOTSFORD	52	100 M. BACK WOMEN 50-54		1:48.44 PAMELA HIMSTREET	51	6:05.46 SPERRY RADEMAKER	55
38.48 PEGGY WHITER	51	1:23.29 BETSY JORDAN	91	1:50.73 FREDA MURCK	51	6:07.40 JAYNE LAMBKE	56
38.66 CHRIS GILLIGAN	51	1:25.92 JENNIFER PARKS	51	1:55.07 LOUISE MURRAY	54	6:13.79 BETSY JORDAN	58
38.77 FREDERICKA RAPP	51	1:28.59 MARY POHLMANN	50	1:58.01 FREDERICKA RAPP	51	6:16.23 S.BRADLEY-COX	57
100 M. FREE WOMEN 50-54		1:35.30 BARBARA FRID	53	1:58.46 NONA FORRESTER	51	6:20.18 CLAIRE O'BRIEN	56
1:07.42 ARDETH MUELLER	92	1:37.01 CHRIS GILLIGAN	51	2:15.40 MARY HORTON	52	6:23.75 CHARLOTTE JENKINS	56
1:10.49 NANCY RIDOUT	53	1:37.59 CAROL ADAMS	51	200 M. FLY WOMEN 50-54		6:25.31 SUSAN MUNN	56
1:14.55 JUDY REED	51	1:38.37 BETSY DURRANT	53	2:49.53 ARDETH MUELLER	91	6:30.26 BARBARA ZAREMSKI	58
1:16.54 PATRICIA QUIJANO	50	1:39.05 ANNE BOTSFORD	52	3:28.57 JACKIE MARR	52	6:46.95 SANDRA KINGDON	56
1:21.20 BETTY DUGAN	54	1:40.67 NANCY RIDOUT	53	3:44.28 MARY POHLMANN	50	6:48.09 SUSAN SPRINGER	56
1:24.12 SUE CALNEK	52	1:42.01 JUDY REED	51	3:52.50 PAMELA HIMSTREET	51	800 M. FREE WOMEN 55-59	
1:25.15 FREDA MURCK	51	1:42.66 KAREN ZENTGRAF	53	4:20.26 FREDERICKA RAPP	51	11:30.97 LAVELLE STOINOFF	88
1:25.58 PEGGY WHITER	51	200 M. BACK WOMEN 50-54		4:28.28 NONA FORRESTER	51	12:39.72 SPERRY RADEMAKER	55
1:26.92 VICKIE CONNOLLY	51	3:01.07 BETSY JORDAN	87	4:32.52 LOUISE MURRAY	54	12:55.02 SUSAN BRADLEY-COX	57
1:27.68 NANCY WYLIE	52	3:10.66 MARY POHLMANN	50	200 M. I.M. WOMEN 50-54		13:10.69 SUSAN MUNN	56
1:30.59 MARIANA PHIPPS	51	3:11.01 SARAH BROUGHER	53	2:53.40 CAROLYN BOAK	95	13:11.88 BETSY JORDAN	58
200 M. FREE WOMEN 50-54		3:13.91 JANE KATZ	52	2:53.40 CAROLYN BOAK	50	13:18.65 JOANN LEILICH	56
2:29.22 ARDETH MUELLER	93	3:18.35 JACKIE MARR	52	3:11.56 SUZANNE DILLS	50	13:35.79 BARB ZAREMSKI	58
2:34.54 CAROLYN BOAK	50	3:28.30 JENNIFER PARKS	51	3:12.70 JACKIE MARR	52	13:53.53 SUSAN LIVINGSTON	56
2:42.57 SUZANNE DILLS	50	3:28.43 CHRIS GILLIGAN	51	3:17.70 J.MURPHY-SHERMAN	51	14:12.04 JEANNE LITTLE	58
2:42.69 JUDY REED	51	3:27.31 FREDERICKA RAPP	51	3:22.77 MARY POHLMANN	50	14:33.98 PATRICIA ARNOLD	56
2:42.75 NANCY RIDOUT	53	3:38.81 LINDA HUBBUCH	50	3:31.94 DANIELA BARNEA	51	14:50.72 JUDY KENNEDY	57
2:43.83 JACKIE MARR	52	3:39.28 CAROL ADAMS	51	3:37.27 PAMELA HIMSTREET	51	1500 M. FREE WOMEN 55-59	
2:50.67 JANE KATZ	52	3:47.25 MARIANA PHIPPS	51	3:41.27 FREDERICKA RAPP	51	22:18.91 LAVELLE STOINOFF	88
2:51.68 CAROL JEWELL	53	50 M. BRST WOMEN 50-54		3:43.67 MARIANA PHIPPS	51	24:15.13 SUSAN BRADLEY-COX	57
2:53.91 PATRICIA QUIJANO	50	40.22 JAYNE BRUNER	86	3:46.75 CAROLYN BEHSE	54	24:37.30 BETSY JORDAN	58
3:12.21 BETTY DUGAN	54	40.49 CAROLYN BOAK	50	400 M. I.M. WOMEN 50-54		25:04.77 SUSAN MUNN	56
3:16.50 FREDERICKA RAPP	51	42.83 NANCY BROOKS	52	6:12.08 ARDETH MUELLER	92	25:22.39 CHARLOTTE JENKINS	56
400 M. FREE WOMEN 50-54		44.15 NANCY RIDOUT	53	6:14.24 CAROLYN BOAK	50	26:03.64 SUSAN LIVINGSTON	56
5:16.62 ARDETH MUELLER	91	44.36 J.MURPHY-SHERMAN	51	6:39.68 SUZANNE DILLS	50	26:03.94 BARBARA ZAREMSKI	58
5:34.80 CAROLYN BOAK	50	44.40 BEA HACKETT	50	7:11.17 J.MURPHY-SHERMAN	51	26:54.62 SANDRA KINGDON	56
5:38.01 SUZANNE DILLS	50	46.35 BETSY DURRANT	53	7:17.87 MARY POHLMANN	50	27:37.22 PATRICIA ARNOLD	56
5:49.43 NANCY RIDOUT	53	48.76 JACKIE MARR	52	7:38.70 PAMELA HIMSTREET	51	28:18.66 MARILYN RAMEY	55
5:51.30 JANE KATZ	52	49.28 FRANCESCA DRUM	53	7:50.08 FREDERICKA RAPP	51	28:30.66 CHARLOTTE COWAN	55
6:04.43 J.MURPHY-SHERMAN	51	49.54 CAROLYN BEHSE	54	8:33.75 LOUISE MURRAY	54	50 M. BACK WOMEN 55-59	
6:04.69 CAROL JEWELL	53	50.35 DOROTHY NILES	53	8:54.41 MARY HORTON	52	37.30 BETSY JORDAN	92
6:08.94 MARY POHLMANN	50	100 M. BRST WOMEN 50-54		10:48.88 MARILYN SMITH	50	39.26 BETSY JORDAN	58
6:14.91 BARBARA FRID	53	1:28.83 JOANN LEILICH	90	*****		43.80 BARBARA JORDAN	58
6:36.95 SUE CALNEK	52	1:31.33 CAROLYN BOAK	50	50 M. FREE WOMEN 55-59		43.87 ANN CHAMP	59
6:38.94 JENNIFER PARKS	51	1:35.17 NANCY BROOKS	52	32.59 JAYNE BRUNER	91	44.20 SPERRY RADEMAKER	55
800 M. FREE WOMEN 50-54		1:37.06 J.MURPHY-SHERMAN	51	34.05 JAYNE LAMBKE	56	45.49 BEVERLY MYERS	59
10:58.47 ARDETH MUELLER	91	1:41.05 BARBARA FRID	53	35.21 BARBARA ZAREMSKI	58	45.92 DORIS KLITZKE	59
11:34.28 SUZANNE DILLS	50	1:42.15 BETSY DURRANT	53	35.42 SPERRY RADEMAKER	55	46.44 CHARLOTTE JENKINS	56
11:53.94 JANE KATZ	52	1:44.24 BEA HACKETT	50	36.12 LUCILLE GRIFFIN	57	46.54 JUDY KENNEDY	57
12:13.76 SARAH BROUGHER	53	1:46.86 CAROL DEWELL	51	36.27 CHARLOTTE JENKINS	56	46.95 BARBARA DILLARD	57
12:21.08 CAROL JEWELL	53	1:47.04 CAROLYN BEHSE	54	36.34 CLAIRE O'BRIEN	56	47.10 LUCILLE GRIFFIN	57
12:26.97 J.MURPHY-SHERMAN	51	1:48.67 DOROTHY NILES	53	36.70 MARGIE HEINEMAN	58	100 M. BACK WOMEN 55-59	
12:30.82 BARBARA FRID	53	1:48.84 JACKIE MARR	52	36.86 BETSY JORDAN	58	1:21.42 BETSY JORDAN	92
12:38.49 MARY POHLMANN	50	200 M. BRST WOMEN 50-54		37.00 DORIS KLITZKE	59	1:27.67 BETSY JORDAN	58
12:50.21 JACKIE MARR	52	3:15.41 CAROLYN BOAK	95	37.86 SALLY NEWELL	57	1:33.57 ANN CHAMP	59
13:31.95 PAM HIMSTREET	51	3:15.41 CAROLYN BOAK	50	100 M. FREE WOMEN 55-59		1:36.26 BARBARA JORDAN	58
13:37.05 JENNIFER PARKS	51	3:24.74 J.MURPHY-SHERMAN	51	1:12.34 JAYNE BRUNER	89	1:36.88 NANCY BROWN	59
1500 M. FREE WOMEN 50-54		3:29.26 NANCY BROOKS	52	1:16.87 JAYNE LAMBKE	56	1:37.05 LUCILLE GRIFFIN	57
21:02.46 ARDETH MUELLER	91	3:29.68 DANIELA BARNEA	51	1:18.51 S.BRADLEY-COX	57	1:39.66 BEVERLY MYERS	59
21:51.01 SUZANNE DILLS	50	3:41.57 PAMELA HIMSTREET	51	1:21.09 CLAIRE O'BRIEN	56	1:40.54 BARBARA ZAREMSKI	58
22:26.90 JANE KATZ	52	3:44.12 SUZANNE DILLS	50	1:21.21 CHARLOTTE JENKINS	56	1:41.37 SUSAN BRADLEY-COX	57
22:48.53 NANCY RIDOUT	53	3:49.05 FRANCESCA DRUM	53	1:21.41 SUSAN MUNN	56	1:41.68 CHARLOTTE JENKINS	56

# TOP TEN

## Long Course Meters

1:41.96 JOANN LEILICH	56	3:43.28 BETSY JORDAN	58	6:51.50 ANN PISCIOTTA	64	51.81 DORIS KLITZKE	60
200 M. BACK WOMEN 55-59		3:48.22 MARGIT JEBE	57	6:54.90 MALCHIA OLSHAN	64	52.21 JANET MOELLER	60
2:59.18 BETSY JORDAN	92	3:49.03 LUCILLE GRIFFIN	57	7:00.02 LIDA GASCHKE	63	100 M. BRST WOMEN 60-64	
3:08.44 BETSY JORDAN	58	3:50.01 SUSAN LIVINGSTON	56	7:07.01 BARBARA CALLISON	62	1:35.25 JAYNE BRUNER	94
3:30.56 SUSAN LIVINGSTON	56	3:55.49 BARBARA ZAREMSKI	58	7:15.12 DONNA MONROE	61	1:39.68 DIANE STOWELL	61
3:37.36 BEVERLY MYERS	59	3:59.41 MIDGE KRAETZER	56	7:15.79 MARIA YUNGEL	63	1:40.73 JAYNE BRUNER	61
3:40.19 SUSAN MUNN	56	4:26.19 INGRID STINE	56	800 M. FREE WOMEN 60-64		1:42.61 ANN PISCIOTTA	64
3:42.66 DOROTHY BURKE	55	4:30.57 PATRICIA TULLMAN	58	12:01.79 LAVELLE STOINOFF	94	1:42.80 ANNE MC GUIRE	60
3:48.52 PATRICIA TULLMAN	58	4:35.83 MARYLOU SHULZ	55	12:14.41 LAVELLE STOINOFF	62	1:44.05 NORMA POWELL	61
3:48.74 JUDY KENNEDY	57	200 M. I.M. WOMEN 55-59		13:59.12 RONNIE KAMPHAUSEN	61	1:47.41 LILLY KRON	63
3:53.78 MARYLOU SHULZ	55	3:06.11 JAYNE BRUNER	92	14:21.72 LIDA GASCHKE	63	1:50.99 BEVERLY MYERS	60
3:55.80 BARB ZAREMSKI	58	3:18.39 SPERRY RADEMAKER	55	14:23.21 MALCHIA OLSHAN	64	1:53.04 CAROL FERGUSON	63
3:58.78 PATRICIA ARNOLD	56	3:19.98 BETSY JORDAN	58	14:29.89 ANN PISCIOTTA	64	1:56.45 BARBARA CALLISON	62
50 M. BRST WOMEN 55-59		3:25.00 BEVERLY MYERS	59	14:49.79 DONNA MONROE	61	1:58.79 JANET MOELLER	60
39.91 JAYNE BRUNER	91	3:25.13 S.BRADLEY-COX	57	15:23.92 VALERIE LYONS	60	200 M. BRST WOMEN 60-64	
42.98 JOANN LEILICH	56	3:28.58 MARGIT JEBE	57	15:25.09 ADRIENNE PIPES	61	3:35.24 ANN PISCIOTTA	94
44.37 SALLY NEWELL	57	3:32.53 SUSAN MUNN	56	16:24.06 JUDY PULESTON	60	3:37.88 LAVELLE STOINOFF	62
45.49 MARGIT JEBE	57	3:37.18 DOROTHY BURKE	55	16:28.29 MARTY BARRY	62	3:38.99 ANN PISCIOTTA	64
46.09 DOROTHY BURKE	55	3:39.10 BARBARA ZAREMSKI	58	1500 M. FREE WOMEN 60-64		3:40.52 ANNE MC GUIRE	60
48.09 MARGIE HEINEMAN	57	3:41.83 DORIS KLITZKE	59	22:50.81 LAVELLE STOINOFF	95	3:42.60 DIANE STOWELL	61
48.34 BEVERLY MYERS	59	3:48.76 MARYLOU SHULZ	55	22:50.81 LAVELLE STOINOFF	62	3:47.10 LILLY KRON	63
48.46 MARYLOU HAUGLAND	56	400 M. I.M. WOMEN 55-59		26:23.93 RONNIE KAMPHAUSEN	61	3:50.78 BEVERLY MYERS	60
48.79 EVELYN SINAI	55	6:42.05 GAIL ROPER	85	26:38.07 ANNE MCGUIRE	60	4:06.98 BARBARA CALLISON	62
49.15 CAROLYN HAEFNER	55	6:57.07 SPERRY RADEMAKER	55	26:40.81 MALCHIA OLSHAN	64	4:08.91 CAROL FERGUSON	63
49.49 ANN JOHNSEN	59	7:06.44 BETSY JORDAN	58	26:57.30 ANN PISCIOTTA	64	4:12.73 JOAN ALEXANDER	63
100 M. BRST WOMEN 55-59		7:29.82 SUSAN LIVINGSTON	56	28:50.08 DONNA MONROE	61	4:17.95 DONNA EDELBAUM	61
1:29.88 JAYNE BRUNER	92	7:30.54 BARBARA ZAREMSKI	58	28:54.72 ADRIENNE PIPES	61	50 M. FLY WOMEN 60-64	
1:33.52 JOANN LEILICH	56	7:43.80 DOROTHY BURKE	55	30:57.31 MARTY BARRY	63	38.10 JAYNE BRUNER	94
1:39.41 SALLY NEWELL	57	7:50.33 SUSAN SPRINGER	56	31:16.93 MARIANNE BROGAN	60	38.22 JAYNE BRUNER	61
1:39.93 MARGIT JEBE	57	8:19.05 MARYLOU SHULZ	55	32:36.26 CAROL MORGAN	63	43.52 ANNE MCGUIRE	60
1:40.57 DOROTHY BURKE	55	8:25.29 MARILYN RAMEY	55	50 M. BACK WOMEN 60-64		43.64 DIANE STOWELL	61
1:42.72 MARYLOU HAUGLAND	56	8:26.17 DAWN STROUPE	57	40.35 DORIS STEADMAN	89	43.75 BARBARA CALLISON	62
1:45.84 CAROLYN HAEFNER	55	8:28.69 INGRID STINE	56	44.51 ANN CHAMP	60	45.07 BEVERLY MYERS	60
1:48.77 MARGIE HEINEMAN	58	*****		45.47 ANN KAY	61	45.24 DORIS KLITZKE	60
1:50.07 EVELYN SINAI	55	50 M. FREE WOMEN 60-64		45.69 BEVERLY MYERS	60	45.26 NORMA POWELL	61
1:50.32 ANN JOHNSEN	59	32.77 JAYNE BRUNER	95	45.80 DOT WHITEHEAD	60	48.25 ANN PISCIOTTA	64
1:52.06 SANDRA KINGDON	56	32.77 JAYNE BRUNER	61	46.76 SUZANNE ROBBINS	61	48.74 JOAN ALEXANDER	63
200 M. BRST WOMEN 55-59		35.12 DIANE STOWELL	61	47.07 DORIS KLITZKE	60	49.21 ADRIENNE PIPES	61
3:19.93 JOANN LEILICH	94	37.08 LAVELLE STOINOFF	62	47.46 JEAN FOX	60	100 M. FLY WOMEN 60-64	
3:23.07 JOANN LEILICH	56	37.90 DORIS KLITZKE	60	48.57 ARDIS BOURLAND	62	1:34.48 ANNE ADAMS	88
3:34.35 DOROTHY BURKE	55	38.26 DIANE REED	64	49.11 MARIA YUNGEL	63	1:39.77 ANNE MC GUIRE	60
3:38.42 SALLY NEWELL	57	38.31 BEVERLY MYERS	60	51.19 MARGARET CANBY	62	1:45.15 NORMA POWELL	61
3:38.91 MARGIT JEBE	57	38.42 BARBARA CALLISON	62	100 M. BACK WOMEN 60-64		1:45.64 ANN PISCIOTTA	64
3:43.73 MARYLOU HAUGLAND	56	38.63 RONNIE KAMPHAUSEN	61	1:31.06 CLARA WALKER	86	1:50.37 BARBARA CALLISON	62
3:53.83 BARBARA ZAREMSKI	58	38.74 JEAN FOX	60	1:31.97 ANN CHAMP	60	1:54.03 JOAN ALEXANDER	63
3:56.42 DAWN STROUPE	57	39.68 CAROL FERGUSON	63	1:33.88 LAVELLE STOINOFF	62	2:02.21 JANET MOELLER	60
3:58.42 SANDRA KINGDON	56	100 M. FREE WOMEN 60-64		1:38.46 DIANE STOWELL	61	2:02.38 MALCHIA OLSHAN	64
3:58.45 ANN JOHNSEN	59	1:14.69 JAYNE BRUNER	94	1:43.36 BEVERLY MYERS	60	2:02.82 ADRIENNE PIPES	61
3:58.55 EVELYN SINAI	55	1:17.04 LAVELLE STOINOFF	62	1:44.17 DOT WHITEHEAD	60	2:05.55 DONNA EDELBAUM	61
50 M. FLY WOMEN 55-59		1:19.10 DIANE STOWELL	61	1:44.57 ANN PISCIOTTA	64	2:13.04 PAT PETERSEN	60
35.29 GAIL ROPER	85	1:22.42 JAYNE BRUNER	61	1:45.29 SUZANNE ROBBINS	61	200 M. FLY WOMEN 60-64	
39.01 JAYNE LAMBKE	56	1:26.70 BEVERLY MYERS	60	1:45.96 RONNIE KAMPHAUSEN	61	3:32.87 GAIL ROPER	90
39.19 SPERRY RADEMAKER	55	1:28.82 DIANE REED	64	1:47.13 BARBARA CALLISON	62	3:41.28 ANNE MC GUIRE	60
39.25 CHARLOTTE JENKINS	56	1:29.55 JEAN FOX	60	1:47.92 JEAN FOX	60	3:52.62 ANN PISCIOTTA	64
41.80 BETSY JORDAN	58	1:30.31 LIDA GASCHKE	63	200 M. BACK WOMEN 60-64		4:17.53 JOAN ALEXANDER	63
42.78 BEVERLY MYERS	59	1:32.07 BARBARA CALLISON	62	3:12.84 LAVELLE STOINOFF	94	4:22.73 MALCHIA OLSHAN	64
43.23 DORIS KLITZKE	59	1:32.10 ANN PISCIOTTA	64	3:14.07 LAVELLE STOINOFF	62	4:31.23 DONNA EDELBAUM	61
43.30 MIDGE KRAETZER	56	1:32.60 VALERIE LYONS	60	3:23.65 ANN CHAMP	60	4:42.77 DONNA MONROE	61
43.53 MARGIE HEINEMAN	57	200 M. FREE WOMEN 60-64		3:35.45 BEVERLY MYERS	60	5:03.68 JANET MOELLER	60
43.89 JOANN LEILICH	56	2:43.83 LAVELLE STOINOFF	93	3:47.23 DOT WHITEHEAD	60	6:58.29 TRISH HUNTER	61
45.02 S.BRADLEY-COX	57	2:49.58 LAVELLE STOINOFF	62	3:48.39 ANN PISCIOTTA	64	200 M. I.M. WOMEN 60-64	
100 M. FLY WOMEN 55-59		2:54.16 DIANE STOWELL	61	3:52.19 MARIA YUNGEL	63	3:17.40 CLARA WALKER	86
1:27.49 GAIL ROPER	85	2:55.98 JAYNE BRUNER	61	3:55.32 SUZANNE ROBBINS	61	3:19.10 JAYNE BRUNER	61
1:28.22 SPERRY RADEMAKER	55	3:10.45 RONNIE KAMPHAUSEN	61	4:02.99 MARY JANE MULLINS	64	3:33.05 BEVERLY MYERS	60
1:35.23 JAYNE LAMBKE	56	3:11.49 ANNE MCGUIRE	60	4:05.52 JEAN FOX	60	3:36.77 ANN PISCIOTTA	64
1:37.91 CHARLOTTE JENKINS	56	3:12.53 BEVERLY MYERS	60	4:07.54 JILL COLEMAN	64	3:39.59 ANNE MCGUIRE	60
1:39.85 SUSAN MUNN	56	3:15.75 LIDA GASCHKE	63	50 M. BRST WOMEN 60-64		3:42.35 BARBARA CALLISON	62
1:42.39 BETSY JORDAN	58	3:16.22 MALCHIA OLSHAN	64	43.32 JAYNE BRUNER	94	4:02.69 JOAN ALEXANDER	63
1:43.99 MARGIT JEBE	57	3:17.77 ANN PISCIOTTA	64	44.82 JAYNE BRUNER	61	4:03.26 MARIA YUNGEL	63
1:44.27 NANCY BROWN	59	3:19.79 DIANE REED	64	46.52 ANNE MC GUIRE	60	4:04.98 MALCHIA OLSHAN	64
1:45.34 MIDGE KRAETZER	56	400 M. FREE WOMEN 60-64		46.89 ANN PISCIOTTA	64	4:06.90 JANET MOELLER	60
1:46.24 SUSAN LIVINGSTON	56	5:47.52 LAVELLE STOINOFF	93	48.03 NORMA POWELL	61	4:39.96 CAROLYN BALDWIN	61
1:46.47 MARGIE HEINEMAN	57	5:47.61 LAVELLE STOINOFF	62	49.13 LILLY KRON	63	400 M. I.M. WOMEN 60-64	
200 M. FLY WOMEN 55-59		6:07.85 DIANE STOWELL	61	49.72 ANN CHAMP	60	6:59.45 CLARA WALKER	86
3:19.84 GAIL ROPER	85	6:42.71 BEVERLY MYERS	60	50.35 CAROL FERGUSON	63	7:28.14 ANNE MC GUIRE	60
3:30.69 SPERRY RADEMAKER	55	6:45.76 ANNE MCGUIRE	60	50.69 BEVERLY MYERS	60	7:33.36 ANN PISCIOTTA	64

# TOP TEN

## Long Course Meters

8:07.24 BARBARA CALLISON 62	29:28.27 BETTY RUSS 68	5:27.90 MAXINE BLECHMAN 66	1:37.81 RUTH BAAR 72
8:20.14 MALCHIA OLSHAN 64	30:13.81 ALICE LAWRENCE 65	50 M. FLY WOMEN 65-69	1:39.85 JEANNE MERRYMAN 72
8:30.81 DONNA EDELBAUM 61	32:21.24 RUTH FARNHAM 65	39.52 GAIL ROPER 95	1:41.61 LOIS NOCHMAN 70
8:40.33 JOAN ALEXANDER 63	32:38.21 JOAN MCINTYRE 66	39.52 GAIL ROPER 66	1:44.18 MARJORIE STONE 71
8:45.59 DONNA MONROE 61	33:03.68 NANCY REED 68	43.32 JUNE KRAUSER 68	1:44.59 BARBARA BOLEY 70
9:30.11 MARY JANE MULLINS 64	50 M. BACK WOMEN 65-69	45.57 CLARA WALKER 69	200 M. FREE WOMEN 70-74
10:33.85 JOYCE VOIT 60	39.85 CLARA WALKER 92	46.62 NANCY MACBETH 66	3:13.31 FLORENCE CARR 95
12:26.84 TRISH HUNTER 61	42.24 CLARA WALKER 69	47.43 EDIE GUENDER 66	3:13.31 FLORENCE CARR 70
*****	46.65 GAIL ROPER 66	49.69 PARKIE COPELAND 65	3:18.05 PETEY MH SMITH 71
50 M. FREE WOMEN 65-69	46.70 JUDY CHADIMA 65	54.91 CAROL TAYLOR 66	3:21.11 MARGERY MEYER 72
34.35 GAIL ROPER 95	47.47 DELLA SEHORN 68	56.15 BARBARA OWENS 65	3:38.66 RUTH BAAR 72
34.35 GAIL ROPER 66	49.43 ASAKO MANINGO 69	58.41 ALICIA COLEMAN 69	3:40.68 DOT DONNELLY 73
35.07 MARGARET TIMMINS 65	49.43 NANCY MACBETH 66	59.31 CAROLYN DERR 67	3:43.07 GRACE ALTUS 71
35.86 CLARA WALKER 69	49.96 JUNE KRAUSER 68	100 M. FLY WOMEN 65-69	3:49.62 RUTH MANFREDI 71
37.82 NANCY MACBETH 66	52.53 EMILY SHEFFIELD 67	1:37.07 GAIL ROPER 95	3:49.96 MARJORIE STONE 71
38.00 JUDY CHADIMA 65	54.10 BARBARA OWENS 65	1:37.07 GAIL ROPER 66	3:52.94 BARBARA BOLEY 70
40.24 JUNE KRAUSER 68	54.16 SUSAN SCHLEMMER 66	1:40.52 JUNE KRAUSER 69	3:53.31 LOIS NOCHMAN 70
40.66 BETTY RUSS 68	100 M. BACK WOMEN 65-69	1:48.23 DELLA SEHORN 68	400 M. FREE WOMEN 70-74
40.71 DELLA SEHORN 68	1:30.97 CLARA WALKER 91	1:51.78 NANCY MACBETH 66	6:46.55 PETEY SMITH 94
41.12 CAROLYN DERR 67	1:36.79 CLARA WALKER 69	1:57.33 EDIE GUENDER 66	7:05.57 MARGERY MEYER 72
41.52 SUZANNE GRAHAM 68	1:41.69 JUDY CHADIMA 65	2:07.94 BARBARA OWENS 65	7:06.36 PETEY MH SMITH 71
100 M. FREE WOMEN 65-69	1:42.92 NANCY MACBETH 66	2:16.82 BETH BLICKFELDT 69	7:44.54 GRACE ALTUS 71
1:16.84 CLARA WALKER 92	1:43.01 GAIL ROPER 66	2:20.63 MARIAN WOLLE 67	7:48.47 RUTH BAAR 72
1:18.96 GAIL ROPER 66	1:44.97 DELLA SEHORN 68	2:21.50 JOAN CAMPBELL 65	7:54.53 RUTH MANFREDI 71
1:20.31 CLARA WALKER 69	1:51.50 ASAKO MANINGO 69	2:23.32 RUTH AARON 66	8:04.09 LOIS NOCHMAN 70
1:22.91 MARGARET TIMMINS 65	1:57.64 JOAN MCINTYRE 66	200 M. FLY WOMEN 65-69	8:09.68 NAN BLACKLEDGE 70
1:26.80 JUNE KRAUSER 68	1:57.79 BARBARA OWENS 65	3:36.25 JUNE KRAUSER 94	8:13.70 MARJORIE STONE 71
1:27.48 JUDY CHADIMA 65	1:58.80 GAY COLLINS 65	3:40.77 JUNE KRAUSER 69	8:17.67 DOT DONNELLY 73
1:29.70 NANCY MACBETH 66	1:59.21 BETTY RUSS 68	3:43.97 GAIL ROPER 66	8:19.74 BARBARA BOLEY 70
1:30.34 JEAN TROY 67	200 M. BACK WOMEN 65-69	4:18.67 NANCY MACBETH 66	800 M. FREE WOMEN 70-74
1:31.22 ANITA HAZEN 67	3:17.12 DORIS STEADMAN 90	4:21.47 BETTY RUSS 68	13:51.53 PETEY SMITH 94
1:33.71 DELLA SEHORN 68	3:29.58 CLARA WALKER 69	5:17.06 MARION WOLLE 67	14:32.62 MARGERY MEYER 72
1:34.01 BETTY BARABASH 67	3:39.57 NANCY MACBETH 66	200 M. I.M. WOMEN 65-69	15:43.52 GRACE ALTUS 71
200 M. FREE WOMEN 65-69	3:44.25 JUDY CHADIMA 65	3:19.01 CLARA WALKER 91	16:20.96 LOIS NOCHMAN 70
2:48.51 CLARA WALKER 92	3:45.64 GAIL ROPER 66	3:28.15 GAIL ROPER 66	16:34.42 NAN BLACKLEDGE 70
2:59.32 GAIL ROPER 66	3:51.45 DELLA SEHORN 68	3:31.84 CLARA WALKER 69	17:54.62 BETTY DUNN 70
3:01.14 CLARA WALKER 69	4:05.61 JOAN MCINTYRE 66	3:37.54 JUNE KRAUSER 68	18:22.57 B.BURRILL 74
3:06.04 JUNE KRAUSER 68	4:10.04 BARBARA OWENS 65	3:39.98 NANCY MACBETH 66	18:36.91 JAE HOWELL 72
3:14.94 JEAN TROY 67	4:12.41 PEGGY SANBORN 68	3:51.31 DELLA SEHORN 68	19:31.45 ARDYCE WELCH 70
3:18.52 JUDY CHADIMA 65	4:19.99 JOAN CAMPBELL 65	4:00.82 EDIE GUENDER 66	19:49.02 A.HOTTINGER 73
3:18.58 ANITA HAZEN 67	4:25.58 LOUISE KUTSCHER 66	4:03.40 BETTY RUSS 68	19:58.69 HELEN KILLORY 73
3:25.32 BETTY BARABASH 67	50 M. BRST WOMEN 65-69	4:14.70 BARBARA OWENS 65	1500 M. FREE WOMEN 70-74
3:28.42 DELLA SEHORN 68	46.07 CLARA WALKER 93	4:15.99 GAY COLLINS 65	27:05.80 PETEY SMITH 94
3:33.86 BETTY RUSS 68	48.83 GAIL ROPER 66	4:16.56 BETH BLICKFELDT 69	27:43.55 PETEY MH SMITH 71
3:38.98 SUZANNE GRAHAM 68	49.03 CLARA WALKER 69	400 M. I.M. WOMEN 65-69	27:43.69 FLORENCE CARR 70
400 M. FREE WOMEN 65-69	51.98 JUNE KRAUSER 68	7:09.69 CLARA WALKER 92	28:04.81 MARGERY MEYER 72
6:05.22 CLARA WALKER 91	52.12 JOAN MORRIS 65	7:27.72 GAIL ROPER 65	29:28.51 GRACE ALTUS 71
6:22.74 GAIL ROPER 66	55.31 SUZANNE GRAHAM 68	7:28.37 JUNE KRAUSER 68	30:32.00 LOIS NOCHMAN 70
6:27.08 CLARA WALKER 69	56.22 ALICIA COLEMAN 69	7:38.35 CLARA WALKER 69	31:14.48 RUTH MANFREDI 71
6:37.01 JUNE KRAUSER 69	56.56 HANNELORE SNYDER 65	7:54.52 NANCY MACBETH 66	32:03.11 NAN BLACKLEDGE 70
6:57.28 JEAN TROY 67	56.80 BARBARA OWENS 65	8:24.73 BETTY RUSS 68	37:02.61 JANE ROSSELL 73
6:59.77 ANITA HAZEN 67	57.76 GEORGIA GOGGIN 65	8:44.45 EDIE GUENDER 66	39:34.27 MARGARET BROU 72
7:13.36 BETTY BARABASH 67	59.09 P.PEREGRINE 65	9:08.13 BETH BLICKFELDT 69	40:10.15 MARION CHADWICK 73
7:15.69 BETTY RUSS 68	100 M. BRST WOMEN 65-69	9:28.29 MARIAN WOLLE 67	50 M. BACK WOMEN 70-74
7:33.02 EDIE GUENDER 66	1:42.84 CLARA WALKER 91	9:39.82 JOAN MCINTYRE 66	43.24 DORIS STEADMAN 95
7:48.70 PARKIE COPELAND 65	1:45.84 GAIL ROPER 66	10:48.23 RENEE PROTOPAPAS 65	43.24 DORIS STEADMAN 70
7:51.90 FAY BECK 68	1:50.46 CLARA WALKER 69	*****	48.23 MARGERY MEYER 72
800 M. FREE WOMEN 65-69	1:51.33 JUNE KRAUSER 68	50 M. FREE WOMEN 70-74	50.11 JEANNE MERRYMAN 72
12:27.60 CLARA WALKER 92	1:57.35 BETH BLICKFELDT 69	38.12 DOROTHY DONNELLY 93	50.78 M.J.AMSBARY 70
13:01.54 CLARA WALKER 69	2:03.42 RUTH AARON 66	39.20 PETEY MH SMITH 71	51.03 REGAN KENNER 71
13:21.97 GAIL ROPER 65	2:05.30 HANNELORE SNYDER 65	40.50 MARGERY MEYER 72	51.44 SARAH ALLNUTT 71
13:33.01 JUNE KRAUSER 68	2:05.47 BARBARA OWENS 65	40.73 JEANNE MERRYMAN 72	52.69 C.WILLIAMS 71
14:35.68 ANITA HAZEN 67	2:06.10 GEORGIA GOGGIN 65	41.43 BETTY CHRISTIAN 73	53.23 BETTY CHRISTIAN 73
14:58.02 BETTY BARABASH 67	2:06.22 SUZANNE GRAHAM 68	41.67 DOROTHY DONNELLY 73	53.78 LOIS NOCHMAN 70
15:24.99 BETTY RUSS 68	2:07.07 P.PEREGRINE 65	41.70 RUTH BAAR 72	54.19 N.SCHOEPPERLE 70
15:42.81 EDIE GUENDER 66	200 M. BRST WOMEN 65-69	42.36 MARGE BOWDEN 71	100 M. BACK WOMEN 70-74
15:47.84 ALICE LAWRENCE 65	3:47.50 CLARA WALKER 93	43.46 LOIS NOCHMAN 70	1:35.11 DORIS STEADMAN 95
16:45.65 BOBBI TURCOTTE 68	3:51.59 GAIL ROPER 66	45.06 BARBARA BOLEY 70	1:35.11 DORIS STEADMAN 70
16:49.26 RUTH AARON 66	4:01.78 CLARA WALKER 69	45.37 MARY STADIG 73	1:49.90 REGAN KENNER 71
1500 M. FREE WOMEN 65-69	4:03.22 JUNE KRAUSER 69	100 M. FREE WOMEN 70-74	1:51.91 M.J.AMSBARY 70
24:07.05 CLARA WALKER 92	4:13.32 CAROL TAYLOR 66	1:25.89 FLORENCE CARR 95	1:52.10 MARGERY MEYER 72
25:09.69 JUNE KRAUSER 68	4:20.13 BETH BLICKFELDT 69	1:25.89 FLORENCE CARR 70	1:53.14 JEANNE MERRYMAN 72
25:35.34 GAIL ROPER 65	4:24.04 RUTH AARON 66	1:30.05 PETEY MH SMITH 71	1:55.34 C.WILLIAMS 71
26:54.00 MARGARET TIMMINS 65	4:29.06 BUNNY DAWSON 67	1:32.54 MARGERY MEYER 72	1:55.83 PETEY MH SMITH 71
27:59.60 ANITA HAZEN 67	4:34.76 HANNELORE SNYDER 65	1:35.00 DOROTHY DONNELLY 73	1:55.85 SARAH ALLNUTT 71
28:54.99 BETTY BARABASH 67	4:46.91 MARIAN WOLLE 67	1:35.35 C.WILLIAMS 71	1:59.75 N.SCHOEPPERLE 70



# TOP TEN

## Long Course Meters

1:59.96 BETTY CHRISTIAN 73	4:57.19 JAE HOWELL 72	800 M. FREE WOMEN 75-79	2:59.59 MARIE KREIPE 76
200 M. BACK WOMEN 70-74	4:58.54 BETTY DUNN 70	15:41.45 RITA SIMONTON 93	200 M. BRST WOMEN 75-79
3:28.69 DORIS STEADMAN 95	4:59.59 RUTH MANFREDI 71	16:24.93 RITA SIMONTON 77	4:35.90 GERTRUD ZINT 94
3:28.69 DORIS STEADMAN 95	7:38.71 ELFIE STEVENIN 73	18:01.07 SUE MARVEL 75	4:58.00 GERTRUD ZINT 77
3:52.38 REGAN KENNER 71	9:50.30 MARION CHADWICK 73	18:38.93 MARY JANE REEVES 78	5:01.41 RITA SIMONTON 77
4:02.20 PETEY MH SMITH 71	200 M. I.M. WOMEN 70-74	19:29.73 ANNE WALKER 79	5:06.67 AGOTA FROHS 75
4:07.69 C.WILLIAMS 71	3:59.66 FLORENCE CARR 95	19:55.29 Y FRISCHHERTZ 77	5:33.04 EDITH GLUSAC 76
4:08.29 RUTH MORRILL 72	3:59.66 FLORENCE CARR 95	19:57.20 ZADA TAFT 75	5:34.40 SALLY JOY 78
4:09.88 M.J.AMSBARY 70	4:08.22 LOIS NOCHMAN 70	24:05.34 KATE BRAZIL 75	5:54.90 ANNELIESE EIBL 75
4:12.33 MARGERY MEYER 72	4:15.75 C.WILLIAMS 71	24:45.03 MARIE KREIPE 76	6:02.93 JUDY MELCHER 75
4:18.69 JEANNE MERRYMAN 72	4:21.06 MARGERY MEYER 72	29:38.83 ROSE STEWARD 77	6:05.63 MARY JANE REEVES 78
4:22.03 LOIS NOCHMAN 70	4:28.15 RUTH MANFREDI 71	1500 M. FREE WOMEN 75-79	6:18.52 HELEN ROUMASSET 79
4:22.20 DIANA SILVA 73	4:33.90 JAE HOWELL 72	29:45.90 RITA SIMONTON 93	7:12.13 HELENA HOFFMAN 79
50 M. BRST WOMEN 70-74	4:35.34 DOT DONNELLY 73	31:12.36 RITA SIMONTON 77	50 M. FLY WOMEN 75-79
50.08 BETTY CHRISTIAN 92	4:41.28 BETTY DUNN 70	31:24.03 MARJORIE SHARPE 78	55.38 GERTRUD ZINT 93
51.60 M.J.AMSBARY 70	4:47.54 MARGE BOWDEN 71	38:22.25 Y FRISCHHERTZ 77	59.01 DORIS RUSSELL 75
53.46 BETTY CHRISTIAN 73	4:51.19 GRACE ALTUS 71	48:18.00 MARIE KREIPE 76	1:04.43 ZADA TAFT 75
55.92 LOIS NOCHMAN 70	400 M. I.M. WOMEN 70-74	50 M. BACK WOMEN 75-79	1:08.64 GERTRUD ZINT 77
56.38 MIRJAM TUOVILA 70	8:24.87 FLORENCE CARR 95	50.45 ANNE WALKER 91	1:10.17 SALLY JOY 78
56.67 REGAN KENNER 71	8:24.87 FLORENCE CARR 95	57.09 ANNE WALKER 79	1:12.44 AGOTA FROHS 75
57.30 JAE HOWELL 72	8:42.62 LOIS NOCHMAN 70	58.17 MARDIE BROWN 78	1:13.95 MARDIE BROWN 78
59.77 MARJORIE STONE 71	9:31.90 JAE HOWELL 72	58.22 RITA EVANS 75	1:21.82 EDITH GLUSAC 76
59.83 ADELE CAUDLE 71	9:49.81 BETTY DUNN 70	1:00.49 AUDREY ETIENNE 78	1:23.61 RUTH WUNDERLICH 76
59.88 BARBARA BOLEY 70	9:50.02 RUTH MANFREDI 71	1:01.04 Y FRISCHHERTZ 77	1:23.70 Y FRISCHHERTZ 77
1:00.07 MARGE BOWDEN 71	11:29.30 MARJORIE NEWMAN 71	1:01.10 GERTRUD ZINT 77	1:27.02 MARY WENTWORTH 79
100 M. BRST WOMEN 70-74	14:40.70 ELFIE STEVENIN 74	1:01.24 EDITH GLUSAC 76	100 M. FLY WOMEN 75-79
1:52.88 BETTY CHRISTIAN 92	15:32.54 MARION CHADWICK 73	1:02.03 SUE MARVEL 75	2:19.44 KAY SCHIMPF 92
1:58.15 M.J.AMSBARY 90	*****	1:02.51 JUANITA WILLARD 75	2:18.96 DORIS RUSSELL 75NV
2:00.51 REGAN KENNER 71	50 M. FREE WOMEN 75-79	1:03.81 ZADA TAFT 75	2:43.35 GERTRUD ZINT 77
2:01.37 BETTY CHRISTIAN 73	42.29 LOUISE DONOVAN 93	100 M. BACK WOMEN 75-79	2:58.07 ZADA TAFT 75
2:04.20 LOIS NOCHMAN 70	45.27 SUE MARVEL 75	1:53.66 ANNE WALKER 93	2:58.15 MARY WENTWORTH 79
2:06.32 MIRJAM TUOVILA 70	47.10 MARJORIE SHARPE 78	2:02.63 ANNE WALKER 79	3:13.15 HELEN ROUMASSET 79
2:10.11 JAE HOWELL 72	47.22 DORIS RUSSELL 75	2:07.13 RITA EVANS 75	3:58.21 HELENA HOFFMAN 79
2:12.48 ADELE CAUDLE 71	48.26 MARGARET NAGLE 78	2:07.90 Y FRISCHHERTZ 77	4:23.56 VICTORIA HARRIS 75
2:15.93 PAULINE STANGEL 73	48.34 ANNE WALKER 79	2:10.65 MARDIE BROWN 78	200 M. FLY WOMEN 75-79
2:18.66 BARBARA BOLEY 70	49.46 RITA EVANS 75	2:12.58 GERTRUD ZINT 77	4:54.79 MAXINE MERLINO 88
2:19.45 MARJORIE STONE 71	51.40 BETTY KENDALL 75	2:16.30 EDITH GLUSAC 76	6:53.41 HELEN ROUMASSET 79
200 M. BRST WOMEN 70-74	51.60 JUANITA WILLARD 75	2:19.12 JO LACY 77	7:40.18 HELENA HOFFMAN 79
4:06.80 BETTY CHRISTIAN 92	51.89 VERA LEVISON 76	2:21.74 SALLY JOY 78	200 M. I.M. WOMEN 75-79
4:18.60 REGAN KENNER 71	52.65 Y FRISCHHERTZ 77	2:21.88 M.STEINBISS 75	4:25.80 MAXINE MERLINO 87
4:24.88 BETTY CHRISTIAN 73	100 M. FREE WOMEN 75-79	2:25.35 ZADA TAFT 75	4:48.96 GERTRUD ZINT 77
4:41.35 JAE HOWELL 72	1:38.28 LOUISE DONOVAN 93	200 M. BACK WOMEN 75-79	5:28.86 AGOTA FROHS 75
4:43.46 LOIS NOCHMAN 70	1:43.98 RITA SIMONTON 77	4:07.44 MARIE WICKLUN 89	5:39.85 MARDIE BROWN 78
4:53.74 PAULINE STANGEL 73	1:44.78 MARJORIE SHARPE 78	4:24.31 Y FRISCHHERTZ 77	5:41.84 Y FRISCHHERTZ 77
5:10.06 NAN BLACKLEDGE 70	1:44.98 SUE MARVEL 75	4:34.55 ANNE WALKER 79	5:42.29 ZADA TAFT 75
5:22.43 JUDY ANN KELLY 70	1:53.03 RITA EVANS 75	4:39.63 MARDIE BROWN 78	5:52.96 MARY WENTWORTH 79
5:29.23 SARAH NELSON 71	1:55.46 DORIS RUSSELL 75	4:56.54 GERTRUD ZINT 77	6:02.31 EDITH GLUSAC 76
5:30.23 LELA PIERCE 73	1:55.92 MARGARET NAGLE 78	4:58.71 M.STEINBISS 75	6:19.52 JUDY MELCHER 75
6:04.03 M.PETERSON 71	1:57.58 ANNE WALKER 79	5:02.47 EDITH GLUSAC 76	6:55.96 ROBERTA SUDGEN 78
50 M. FLY WOMEN 70-74	1:58.10 Y FRISCHHERTZ 77	5:03.10 JO LACY 77	7:10.47 HELENA HOFFMAN 79
45.76 LOIS NOCHMAN 95	1:59.73 BETTY KENDALL 75	5:07.83 ZADA TAFT 76	400 M. I.M. WOMEN 75-79
45.48 LOIS NOCHMAN 70NV	2:01.87 MARDIE BROWN 78	5:15.18 SALLY JOY 78	9:11.23 MAXINE MERLINO 87
46.74 FLORENCE CARR 70	200 M. FREE WOMEN 75-79	5:25.08 MARY LATHRAM 79	10:37.54 GERTRUD ZINT 77
49.17 C.WILLIAMS 71	3:37.64 RITA SIMONTON 93	50 M. BRST WOMEN 75-79	12:24.82 ZADA TAFT 75
54.51 BETTY DUNN 70	3:49.88 RITA SIMONTON 77	55.58 GERTRUD ZINT 93	14:51.11 HELENA HOFFMAN 79
54.59 JEANNE MERRYMAN 72	3:51.03 MARJORIE SHARPE 78	58.49 GERTRUD ZINT 77	*****
58.89 GRACE ALTUS 71	3:58.48 SUE MARVEL 75	1:01.97 KATHRYN ANSON 78	50 M. FREE WOMEN 80-84
59.02 SARAH ALLNUTT 71	4:07.24 AUDREY ETIENNE 78	1:04.42 AGOTA FROHS 75	48.46 MAXINE MERLINO 92
1:00.12 NANCY PHILLIPS 73	4:13.73 ANNE WALKER 79	1:04.62 SALLY JOY 78	1:01.70 IVY BROWNE 80
1:02.11 DIANA SILVA 73	4:14.11 DORIS RUSSELL 75	1:06.44 EDITH GLUSAC 76	1:06.19 MARY LATHRAM 80
1:02.15 MARGERY MEYER 72	4:17.82 GERTRUD ZINT 77	1:11.71 ANNELIESE EIBL 75	1:08.18 ELLEN TAIT 84
100 M. FLY WOMEN 70-74	4:17.87 BETTY KENDALL 75	1:12.08 FRAN ZEUMER 75	1:09.86 BUZ CATLIN 81
1:57.17 LOIS NOCHMAN 95	4:23.04 MARY JANE REEVES 78	1:12.41 MARDIE BROWN 78	1:10.07 MEME HABICH 80
1:52.31 LOIS NOCHMAN 70NV	4:27.36 Y FRISCHHERTZ 77	1:17.85 MARGARET NAGLE 78	1:10.40 MARTI GOGNIAT 84
1:59.94 FLORENCE CARR 70	400 M. FREE WOMEN 75-79	1:19.17 JUDY MELCHER 75	1:13.11 LOIS ELLERT 80
2:11.96 BETTY DUNN 70	7:38.77 RITA SIMONTON 93	100 M. BRST WOMEN 75-79	1:13.25 AGNES ROMAYKO 81
2:20.19 JAE HOWELL 72	7:58.80 RITA SIMONTON 77	2:05.99 GERTRUD ZINT 93	1:16.90 OLKA JAGGERS 82
2:28.81 MANFREDI 71	8:04.45 MARJORIE SHARPE 78	2:16.54 GERTRUD ZINT 77	1:17.41 RUTH HAMILTON 80
2:30.77 MARY WIXTED 73	8:26.45 SUE MARVEL 75	2:19.62 RITA SIMONTON 77	100 M. FREE WOMEN 80-84
2:41.90 MIRJAM TUOVILA 70	8:33.39 AUDREY ETIENNE 78	2:20.83 AGOTA FROHS 75	1:52.41 NANCY CLARK 94
2:57.11 MARJORIE NEWMAN 71	9:05.63 BETTY KENDALL 75	2:28.64 EDITH GLUSAC 76	1:55.23 MARIA LENK ZIGLER 80
3:36.95 ELFIE STEVENIN 74	9:39.87 IVY BROWNE 79	2:36.26 SALLY JOY 78	2:04.80 MAXINE MERLINO 82
200 M. FLY WOMEN 70-74	9:41.81 Y FRISCHHERTZ 77	2:47.05 ANNELIESE EIBL 75	2:13.19 IVY BROWNE 80
4:16.68 LOIS NOCHMAN 95	10:07.55 M.STEINBISS 75	2:50.18 JUDY MELCHER 75	2:29.67 LOIS ELLERT 80
4:16.68 LOIS NOCHMAN 70	10:08.20 B.WHITACRE 76	2:51.64 MARY JANE REEVES 78	2:37.61 RUTH HAMILTON 80
4:18.84 FLORENCE CARR 70	10:10.35 MARGARET CLARK 78	2:58.32 HELEN ROUMASSET 79	2:42.82 ELLEN TAIT 84

# TOP TEN

## Long Course Meters

2:48.22 HELEN OFFENHAUSER 83	1:24.85 MADELEINE MILLER 84	NO SWIMMERS	25.91 KEVIN KOSKELLA 24
2:52.47 SALLY RYCKMAN 83	1:25.60 BUZZ CATLIN 80	800 M. FREE WOMEN 85-89	25.98 JAMIE PATRICK 24
2:52.51 VERA GRAY 80	1:30.39 ANNE WILDER 81	21:54.01 JULIA DOLCE 95	26.05 BRAD BUDNEY 23
3:00.16 F DOROTHY RIORDAN 83	1:55.28 MARGOT LENIGK 83	21:54.01 JULIA DOLCE 86	100 M. FREE M E N 19-24
200 M. FREE WOMEN 80-84	1:56.41 SALLY RYCKMAN 83	1500 M. FREE WOMEN 85-89	52.88 DAVID LAWSON 95
4:05.22 MARIA LENK ZIGLER95	2:00.19 HEDY PULLMAN 84	43:35.59 JULIA DOLCE 95	52.88 DAVID LAWSON 24
4:05.22 MARIA LENK ZIGLER 80	100 M. BRST WOMEN 80-84	43:35.59 JULIA DOLCE 86	54.44 BRAD WINSOR 23
4:12.22 JEAN DURSTON 81	2:22.79 MAXINE MERLINO 92	50 M. BACK WOMEN 85-89	55.71 K.PAOMAHANAKA 19
4:46.12 IVY BROWNE 80	2:27.79 MARIA LENK 80	58.42 AILEEN SOULE 91	55.86 JAMIE PATRICK 24
5:29.52 RUTH HAMILTON 81	2:35.31 JEAN DURSTON 80	1:13.29 JULIA DOLCE 86	57.00 CHRISTOPHE MORGAN 24
5:32.32 LOIS ELLERT 80	2:41.83 MARTI GOGNIAT 84	2:31.75 GRACE HIDDLESON 86	57.20 BRAD BUDNEY 23
5:33.97 AGNES ROMAYKO 81	2:54.57 HILDA BUEL 81	100 M. BACK WOMEN 85-89	57.32 CHRIS BARRETT 24
5:53.56 ELLEN TAIT 84	2:57.67 HELEN ROUMASSET 80	2:13.13 AILEEN SOULE 91	57.47 KEVIN KOSKELLA 24
400 M. FREE WOMEN 80-84	3:05.07 BUZ CATLIN 80	NO SWIMMERS	57.87 DAVID DIAZ 21
8:24.51 MARIA LENK ZIGLER95	3:42.96 MADELEINE MILLER 84	200 M. BACK WOMEN 85-89	57.96 MICHAEL HAYES 21
8:24.51 MARIA LENK ZIGLER 80	4:12.05 F DOROTHY RIORDAN 83	4:47.82 AILEEN SOULE 91	200 M. FREE M E N 19-24
8:54.44 JEAN DURSTON 81	4:35.55 HEDY PULLMAN 84	NO SWIMMERS	1:56.99 TONY BATIS 89
9:44.92 IVY BROWNE 80	4:51.34 RUTH HAMILTON 80	50 M. BRST WOMEN 85-89	1:57.88 BRAD WINSOR 23
11:21.78 MARY LATHRAM 80	200 M. BRST WOMEN 80-84	1:42.40 ELLA PECKHAM 84	2:03.97 JAMIE PATRICK 24
11:28.09 LOIS ELLERT 80	5:07.83 MAXINE MERLINO 92	2:33.11 GRACE HIDDLESON 86	2:05.00 JEFF PEARSON 24
12:41.56 ELLEN TAIT 84	5:09.46 MARIA LENK 80	100 M. BRST WOMEN 85-89	2:06.07 CHRIS BARRETT 24
12:45.06 RUTH HAMILTON 80	5:27.44 JEAN DURSTON 80	3:18.97 KATHERINE PELTON 91	2:08.04 WILLIAM COBB 24
800 M. FREE WOMEN 80-84	6:21.97 HELEN ROUMASSET 80	NO SWIMMERS	2:09.96 KEVIN NOAH 23
17:27.96 JEAN DURSTON 95	6:31.26 HILDA BUEL 81	200 M. BRST WOMEN 85-89	2:10.37 DAVID DIAZ 21
17:27.96 JEAN DURSTON 80	7:27.42 ANNE WILDER 81	6:58.50 KATHERINE PELTON 91	2:11.18 GRANT BAECKER 24
17:42.43 MARIA LENK 80	8:04.94 MADELEINE MILLER 84	NO SWIMMERS	2:12.91 TODD RADEL 22
20:34.58 IVY BROWNE 80	9:22.21 HEDY PULLMAN 84	50 M. FLY WOMEN 85-89	2:13.32 MARCO CAMPAGNA 23
24:29.75 AGNES ROMAYKO 81	50 M. FLY WOMEN 80-84	1:27.77 ELLA PECKHAM 85	400 M. FREE M E N 19-24
25:18.29 ANNE WILDER 81	1:03.66 MARIA LENK ZIGLER95	NO SWIMMERS	4:08.73 BRAD WINSOR 95
1500 M. FREE WOMEN 80-84	1:03.66 MARIA LENK ZIGLER 80	100 M. FLY WOMEN 85-89	4:08.73 BRAD WINSOR 23
33:00.94 JEAN DURSTON 95	1:10.30 JEAN DURSTON 81	3:01.14 KATHERINE PELTON 91	4:27.79 JEFF PEARSON 24
33:00.94 JEAN DURSTON 81	1:24.64 ANNE WILDER 81	NO SWIMMERS	4:37.78 WILLIAM COBB 24
33:28.46 MARIA LENK ZIGLER 80	1:25.93 HELEN ROUMASSET 80	200 M. FLY WOMEN 85-89	4:37.85 KEVIN NOAH 23
43:12.89 MARY LATHRAM 80	1:39.49 RUTH HAMILTON 81	7:18.41 KATHERINE PELTON 90	4:40.11 MARCO CAMPAGNA 23
50 M. BACK WOMEN 80-84	1:42.25 EVA MULLER 82	NO SWIMMERS	4:45.11 TODD RADEL 22
55.07 AILEEN SOULE 89	1:48.62 BUZZ CATLIN 80	200 M. I.M. WOMEN 85-89	4:46.28 DAVID DIAZ 21
57.98 MARIA LENK 80	2:09.57 VERA GRAY 80	6:44.53 KATHERINE PELTON 91	4:51.97 ANDRE BARBINS 24
1:05.19 MARY LATHRAM 80	2:17.99 F DOROTHY RIORDAN 83	NO SWIMMERS	4:57.78 JASON KLUGMAN 24
1:10.12 MAXINE MERLINO 82	100 M. FLY WOMEN 80-84	400 M. I.M. WOMEN 85-89	4:58.41 RY BEVILLE 21
1:10.80 IVY BROWNE 80	2:27.91 JEAN DURSTON 94	14:02.65 KATHERINE PELTON 90	800 M. FREE M E N 19-24
1:14.13 EVA MULLER 82	2:28.39 JEAN DURSTON 80	NO SWIMMERS	8:47.65 BRAD WINSOR 95
1:15.65 HELEN ROUMASSET 80	2:47.04 MAXINE MERLINO 82	*****	8:47.65 BRAD WINSOR 23
1:18.37 MADELEINE MILLER 84	3:02.96 HELEN ROUMASSET 80	50 M. FREE WOMEN 90-94	9:48.54 WILLIAM COBB 24
1:18.53 OLKA JAGGERS 82	3:27.73 HILDA BUEL 81	2:02.38 PEARL MILLER 88	9:53.53 TODD RADEL 22
1:19.10 LOIS ELLERT 80	3:54.38 EVA MULLER 82	NO SWIMMERS	10:22.49 JASON KLUGMAN 24
1:19.58 MEME HABICH 80	4:02.08 BUZ CATLIN 80	100 M. FREE WOMEN 90-94	10:45.95 MICHAEL LEMONS 23
100 M. BACK WOMEN 80-84	200 M. FLY WOMEN 80-84	4:08.22 PEARL MILLER 88	11:17.88 COURT LEVY 21
2:05.73 MARIE WICKLUND 94	5:24.52 JEAN DURSTON 94	NO SWIMMERS	11:18.54 JOHN ARGRAVES 21
2:06.01 MARIA LENK 80	5:26.23 JEAN DURSTON 81	200 M. FREE WOMEN 90-94	11:24.97 RAFAEL MILANES 20
2:26.27 JEAN DURSTON 80	7:46.55 ANNE WILDER 81	7:28.92 ANNA BAUSCHER 94	12:14.15 CHRIS WHELAN 24
2:27.50 MARY LATHRAM 80	200 M. I.M. WOMEN 80-84	NO SWIMMERS	13:08.58 TONY TIEU 22
2:34.46 IVY BROWNE 80	4:41.09 MARIA LENK ZIGLER95	800 M. FREE WOMEN 90-94	1500 M. FREE M E N 19-24
2:43.23 EVA MULLER 82	4:41.09 MARIA LENK ZIGLER 80	30:55.09 ANNA BAUSCHER 94	17:12.51 JAMES ALLEN 91
2:44.94 HELEN ROUMASSET 80	4:46.90 JEAN DURSTON 80	NO SWIMMERS	17:12.53 BRAD WINSOR 23
2:49.10 MADELEINE MILLER 84	6:05.04 HELEN ROUMASSET 80	50 M. BACK WOMEN 90-94	18:26.45 MARCO CAMPAGNA 23
2:51.26 LOIS ELLERT 80	6:24.14 EVA MULLER 82	1:42.49 ANNA BAUSCHER 94	20:15.61 DAVE ROSS 24
2:53.93 BUZ CATLIN 80	6:37.81 BUZ CATLIN 80	NO SWIMMERS	20:18.40 MICHAEL LEMONS 23
2:57.70 HILDA BUEL 81	6:44.86 HILDA BUEL 81	200 M. BACK WOMEN 90-94	21:41.73 STEVEN CLOSSICK 24
200 M. BACK WOMEN 80-84	7:58.86 RUTH HAMILTON 81	10:47.76 PEARL MILLER 89	22:09.11 JOHN ARGRAVES 21
4:32.74 MARIA LENK 95	400 M. I.M. WOMEN 80-84	NO SWIMMERS	23:23.95 STEVE GORDON 24
4:32.74 MARIA LENK 80	10:05.13 MAXINE MERLINO 92	50 M. FLY WOMEN 90-94	25:32.72 TONY TIEU 22
5:06.21 JEAN DURSTON 80	10:08.13 JEAN DURSTON 80	4:57.25 ANNA BAUSCHER 94	26:07.04 JESTON MORRIS 22
5:14.80 MARY LATHRAM 80	14:33.41 ANNE WILDER 81	NO SWIMMERS	50 M. BACK M E N 19-24
5:34.73 IVY BROWNE 80	*****	200 M. I.M. WOMEN 90-94	27.43 DAVID LAWSON 95
5:45.02 HELEN ROUMASSET 80	50 M. FREE WOMEN 85-89	12:10.93 ANNA BAUSCHER 94	27.43 DAVID LAWSON 24
5:46.45 LOIS ELLERT 80	50.93 JULIA DOLCE 94	NO SWIMMERS	28.80 AARON BARTLESON 24
6:13.74 BUZ CATLIN 80	51.18 JULIA DOLCE 86	*****	29.39 BRAD BUDNEY 23
6:31.12 MADELEINE MILLER 84	1:44.58 ELIZABETH DZIADUS 85	50 M. FREE M E N 19-24	29.58 KEVIN KOSKELLA 24
6:40.28 HELEN OFFENHAUSER 83	100 M. FREE WOMEN 85-89	24.03 DAVID LAWSON 95	29.60 GREGORY SCHAFFER 24
6:42.50 HILDA BUEL 81	2:00.68 JULIA DOLCE 95	24.03 DAVID LAWSON 24	30.38 JEFF FELTZER 24
50 M. BRST WOMEN 80-84	2:00.68 JULIA DOLCE 86	24.99 AARON BARTLESON 24	30.45 SCOTT SINAI 19
1:05.10 MAXINE MERLINO 92	200 M. FREE WOMEN 85-89	25.26 SHANNON TUCKER 23	30.87 SETH REETZ 24
1:07.12 MARIA LENK 80	4:45.10 JULIA DOLCE 94	25.34 CHRISTOPHE MORGAN 24	30.97 ANDY FARRELL 24
1:07.49 VERA GRAY 80	4:50.79 JULIA DOLCE 86	25.44 MICHAEL COLLEY 24	31.89 CHRISTOPHE MORGAN 24
1:21.18 HILDA BUEL 81	400 M. FREE WOMEN 85-89	25.56 BRAD WINSOR 23	100 M. BACK M E N 19-24
1:23.94 HELEN ROUMASSET 80	10:44.25 JULIA DOLCE 94	25.60 K.PAOMAHANAKA 19	1:00.37 DAVID LAWSON 95

# TOP TEN

## Long Course Meters

1:00.37	DAVID LAWSON	24	1:03.01	GARY DEFRANG	24	4:10.62	JEFFREY UTSCH	27	33.08	MICHAEL THOMPSON	25
1:02.56	GARY DEFRANG	24	1:03.46	BRAD WINSOR	23	4:31.12	WILLIAM ZOLNA	26	33.59	JOE BENJAMIN	29
1:03.27	BRAD BUDNEY	23	1:05.55	BRIAN CALIVA	19	4:31.85	CHRISTOPHE DANESI	26	33.69	ERLING HOIE	26
1:03.77	AARON BARTLESAN	24	1:04.19	MARK GOLDMAN	24	4:32.69	MICHAEL COLLINS	29	33.71	TROY DALBEY	26
1:07.27	SETH REETZ	24	1:05.45	PATRICK TOTH	23	4:32.96	STEPHEN GOTH	26	33.91	DALE MERCKER	28
1:07.34	NENAD RODIC	24	200 M. FLY M E N 19-24		4:33.07	TIMOTHY NELSON	29	100 M. BRST M E N 25-29			
1:07.34	SCOTT SINAI	19	2:09.39	RY BEVILLE	95	4:38.08	DALE MERCKER	28	1:04.60	DAVID LUNDBERG	89
1:07.86	BRIAN BASKIN	22	2:09.39	RY BEVILLE	21	4:39.60	STUART BARTON	27	1:11.92	ELLIS EATON	25
1:08.48	ANDY FARRELL	24	2:13.48	BRAD WINSOR	23	4:40.16	LUKE HARDY	25	1:13.25	MICHAEL THOMPSON	25
1:10.09	MICHAEL LEMONS	23	2:18.88	SANTIAGO TAPIA	24	800 M. FREE M E N 25-29		1:13.52	SCOTT MENCKE	28	
200 M. BACK M E N 19-24			2:20.35	CHRIS HORNE	22	8:35.91	CHIP HOBSON	94	1:13.73	DALE MERCKER	28
2:15.36	CHRIS STEVENSON	87	2:58.60	MARK SINDELAR	24	9:22.25	WINSTON RITCHEY	27	1:13.86	MARK STORI	29
2:21.80	GARY DEFRANG	24	200 M. I.M. M E N 19-24		9:27.67	MICHAEL COLLINS	29	1:14.01	JOE BENJAMIN	29	
2:27.95	SETH REETZ	24	2:14.08	GREG MACKEM	92	9:47.67	STUART BARTON	27	1:14.42	BRIAN HAYES	27
2:34.90	KEVIN NOAH	23	2:23.02	BRAD WINSOR	23	9:49.87	JIM CHRISTIAN	28	1:16.32	DIETRICH LAWRENCE	29
2:36.29	JOHN FINKE	24	2:23.21	TODD RADEL	22	9:51.00	JEFFREY RODDIN	26	1:16.34	BRIAN KOHLMEIER	26
2:36.73	MICHAEL LEMONS	23	2:29.22	WILLIAM COBB	24	9:51.28	SCOTT FREDERICK	29	1:16.52	B.LICHTENWALTER	28
2:38.00	PATRICK TOTH	23	2:30.51	SETH REETZ	24	9:54.61	CHRISTOPHE DANESI	26	200 M. BRST M E N 25-29		
2:40.22	MARCO CAMPAGNA	23	2:31.79	DAVID DIAZ	21	10:03.83	JEFF JOTZ	25	2:30.35	ROBERT JENNINGS	94
2:41.79	BRYAN KUNDRATH	23	2:32.31	KEVIN NOAH	23	10:21.57	ERIC TAYLOR	28	2:40.00	DALE MERCKER	28
2:46.84	BRAD SCHMIED	23	2:34.09	PATRICK TOTH	23	10:38.53	KEN KOPPENHAVER	26	2:42.12	MICHAEL THOMPSON	25
2:51.50	JASON KLUGMAN	24	2:35.58	JOHN FINKE	24	1500 M. FREE M E N 25-29		2:42.70	NEILL WILLIAMS	27	
50 M. BRST M E N 19-24			2:36.33	MARCO CAMPAGNA	23	16:28.69	CAMERON REID	87	2:44.72	ELLIS EATON	25
30.10	JOSH AMATO	87	2:36.99	VINCENT LANE	24	17:41.45	WINSTON RITCHEY	27	2:46.53	B.LICHTENWALTER	28
30.94	DMITRI MALINOVSKI	21	400 M. I.M. M E N 19-24		18:23.91	JAY O'CONNOR	26	2:46.87	MICHAEL COLLINS	29	
31.06	AARON BARTLESAN	24	4:48.56	GREG MACKEM	92	18:43.06	MICHAEL COLLINS	29	2:47.76	SCOTT MENCKE	28
31.45	TODD RADEL	22	4:51.74	BRAD WINSOR	23	18:43.21	STEPHEN GOTH	26	2:50.44	DIETRICH LAWRENCE	29
31.51	JAMIE PATRICK	24	4:51.09	TODD RADEL	22	18:56.83	STUART BARTON	27	2:50.86	PAUL STILING	29
31.96	MICHAEL HAYES	21	5:20.84	DAVID DIAZ	21	19:02.29	JIM CHRISTIAN	28	2:50.88	TOM SCHUTTE	26
34.10	CHRISTOPHE MORGAN	24	5:28.67	KEVIN NOAH	23	19:36.35	SCOTT FREDERICK	29	50 M. FLY M E N 25-29		
34.24	VICTOR ROMAN	19	5:32.97	JOHN FINKE	24	19:43.38	ERIC TAYLOR	28	25.16	DEFORREST/BOTTOM	84
35.01	JEFF FELTZER	24	5:39.07	BRIAN CALIVA	19	20:30.36	MATT RANKIN	28	26.22	MICHAEL SORENSEN	27
35.12	MIKE O'TOOLE	20	5:40.16	DAVE ROSS	24	20:46.84	DANIEL FROST	27	26.27	TROY DALBEY	26
35.27	CHRISTIAN SINAI	22	5:40.51	MICHAEL LEMONS	23	50 M. BACK M E N 25-29		26.57	WINSTON RITCHEY	27	
100 M. BRST M E N 19-24			5:53.07	C.MORGAN	24	27.42	ROBERT HAUCK	93	26.69	ADAM WERTH	25
1:06.61	JAMES SUROWIEC	88	6:06.10	JOSE MAHER	24	28.30	JOHN KEPPELER	28	26.84	JEFFREY RODDIN	26
1:07.87	DMITRI MALINOVSKI	21	*****			28.35	GREG LARSON	26	27.29	MICHAEL POWER	27
1:09.53	AARON BARTLESAN	24	50 M. FREE M E N 25-29			29.95	DANIEL JORGENSEN	27	27.62	B.LICHTENWALTER	28
1:10.05	TODD RADEL	22	22.59	KEVIN DEFORREST	83	29.95	JEFFREY RODDIN	26	27.73	JAY O'CONNOR	26
1:11.57	JAMIE PATRICK	24	23.96	TROY DALBEY	26	30.19	SCOTT KACHURKA	26	27.76	TOM LILEIKIS	28
1:12.83	BILL RAINUSSO	23	24.49	WINSTON RITCHEY	27	30.36	R.RUTHERFORD	25	28.16	STUART BARTON	27
1:13.01	GREGORY SCHAFFER	24	24.64	ADAM WERTH	25	30.46	JEFFREY RODGERS	28	100 M. FLY M E N 25-29		
1:16.60	ALEXANDER CLARK	24	24.69	GREG LARSON	26	31.11	KIRK CLEAR	27	56.34	MICHAEL BOTTOM	84
1:17.37	MICHAEL HAYES	21	24.72	ROBERT KABACY	27	31.40	KURT MURDOCH	29	57.70	MICHAEL SORENSEN	27
1:17.68	VICTOR ROMAN	19	24.86	JEFFREY UTSCH	27	31.52	JAMES JORDAN	29	58.79	JOHN KEPPELER	28
1:17.94	BRYAN KUNDRATH	23	25.22	CHIP HOBSON	28	50 M. BACK M E N 25-29		59.26	JEFFREY RODDIN	26	
200 M. BRST M E N 19-24			25.25	MICHAEL POWER	27	58.24	JOHN KEPPELER	92	59.62	WILLIAM ZOLNA	26
2:30.64	JOHN HARLOW	92	25.32	SCOTT MENCKE	28	1:00.81	JOHN KEPPELER	28	1:00.47	DANIEL JORGENSEN	27
2:37.39	TODD RADEL	22	25.36	R.RUTHERFORD	25	1:04.23	JEFFREY RODDIN	26	1:00.77	JEFFREY RODGERS	28
2:37.47	AARON BARTLESAN	24	100 M. FREE M E N 25-29			1:07.20	B.LICHTENWALTER	28	1:01.50	NEIL WILLIAMS	27
2:39.38	BILL RAINUSSO	23	51.25	JIM MONTGOMERY	81	1:07.24	MARK HICKMAN	29	1:01.72	JAY O'CONNOR	26
2:59.99	JOSE MAHER	24	52.77	JOHN KEPPELER	28	1:07.97	GUY GENIN	26	1:04.23	STEPHEN GRANT	25
3:02.15	CHRISTIAN SINAI	22	53.62	GREG LARSON	26	1:08.97	BRIAN KOHLMEIER	26	1:04.62	MICHAEL POWER	27
3:16.21	BARRY NAVE	23	54.15	CHIP HOBSON	28	1:10.13	ERIC GRAMLOW	25	200 M. FLY M E N 25-29		
3:16.71	COURT LEVY	21	54.41	WINSTON RITCHEY	27	1:10.30	BLAKE VERPOTEN	29	2:06.88	JIM BELARDI	82
3:19.23	CHRIS WHELAN	24	54.67	ROBERT KABACY	27	1:10.62	DAN BORTON	27	2:12.04	WILLIAM ZOLNA	26
3:26.23	SHANNON TUCKER	23	54.92	KRIS OSBORNE	26	1:10.79	ALAN CAPRON	25	2:16.45	MICHAEL SORENSEN	27
50 M. FLY M E N 19-24			55.27	ADAM WERTH	25	200 M. BACK M E N 25-29		2:18.42	DOUG WAGNER	28	
25.71	DAVID LAWSON	95	56.45	RANDY JARMAN	26	2:07.57	JOHN KEPPELER	92	2:23.13	DOUG FADEL	26
25.71	DAVID LAWSON	24	56.66	STEPHEN GOTH	26	2:13.31	JOHN KEPPELER	28	2:23.24	JAY O'CONNOR	26
25.72	BRAD BUDNEY	23	56.75	MICHAEL POWER	27	2:17.55	JEFFREY UTSCH	27	2:25.12	STEPHEN GRANT	25
26.38	RY BEVILLE	21	200 M. FREE M E N 25-29			2:21.48	JEFFREY RODDIN	26	2:30.85	TODD GREENE	25
27.25	JEFF FELTZER	24	1:52.17	JOHN KEPPELER	92	2:23.50	STEPHEN GRANT	25	2:32.37	MICHAEL COLLINS	29
27.43	WILLIAM COBB	24	1:54.97	JOHN KEPPELER	28	2:24.02	B.LICHTENWALTER	28	2:32.55	DAN BORTON	27
27.65	JAMIE PATRICK	24	1:56.68	CHIP HOBSON	28	2:27.00	JEFF ALLEN	26	2:33.26	ALEX STILES	29
27.66	SETH REETZ	24	1:56.82	JEFFREY UTSCH	27	2:30.30	NEIL WILLIAMS	27	200 M. I.M. M E N 25-29		
27.96	CHRISTOPHE MORGAN	24	2:04.01	ADAM WERTH	25	2:30.37	MARK HICKMAN	29	2:09.21	CAMERON REID	87
28.10	GARY DEFRANG	24	2:05.55	CHRISTOPHE DANESI	26	2:32.28	DAN BORTON	27	2:18.18	JEFFREY RODDIN	26
28.13	ANDY FARRELL	24	2:06.85	R.RUTHERFORD	25	2:33.38	DOUG FADEL	26	2:19.96	WILLIAM ZOLNA	26
100 M. FLY M E N 19-24			2:07.64	WILLIAM ZOLNA	26	50 M. BRST M E N 25-29		2:20.21	DANIEL JORGENSEN	27	
57.10	BRAD BUDNEY	95	2:07.72	STEPHEN GOTH	26	29.77	DEWEY WYATT	92	2:21.01	DOUG WAGNER	28
57.10	BRAD BUDNEY	23	2:09.26	MICHAEL COLLINS	29	32.34	GREG LARSON	26	2:22.63	MARK STORI	29
58.14	RY BEVILLE	21	2:09.40	TIMOTHY NELSON	29	32.60	ELLIS EATON	25	2:23.39	JAY O'CONNOR	26
1:00.40	DAVID LAWSON	24	400 M. FREE M E N 25-29			32.66	NEILL WILLIAMS	27	2:25.46	ELLIS EATON	25
1:01.20	CHRISTOPHE MORGAN	24	4:05.99	CHIP HOBSON	94	32.94	MARK STORI	29	2:25.55	BRIAN KOHLMEIER	26
1:02.20	CHRIS HORNE	22	4:10.44	CHIP HOBSON	28	32.95	SCOTT MENCKE	28	2:25.65	BERT BERGEN	28

# TOP TEN

## Long Course Meters

2:25.73 SCOTT MENCKE 28	16:36.06 BOBBY PATTEN 93	2:45.11 DANIEL ALLEN 33	26.03 TED SOLTYS 35
400 M. I.M. M E N 25-29	16:38.49 JEFF ERWIN 31	2:45.62 S.VAN KUILENBURG 30	26.08 BOB CROWDER 39
4:34.08 CAMERON REID 87	17:43.78 MICHAEL MOORE 31	2:47.00 ED GENDREAU 33	26.12 JOSE CUNNINGHAM 39
5:10.76 JAY O'CONNOR 26	17:49.57 DIETRICH LAWRENCE 30	2:48.79 JOHN OWSIANY 34	26.17 THOMAS MC CABE 37
5:10.79 MICHAEL COLLINS 29	18:12.14 TODD CLARK 30	2:50.44 NIEL FISCHER 30	100 M. FREE M E N 35-39
5:13.98 MARK STORI 29	19:20.52 PETER MACDONALD 32	2:51.86 TIM MCDONALD 31	51.49 ROWDY GAINES 95
5:17.30 SCOTT MENCKE 28	19:29.18 BILL KOREY 31	2:52.16 RICHARD CALLAGHAN 33	51.49 ROWDY GAINES 35
5:18.84 MATT RANKIN 28	19:41.72 DAVID HOOVER 33	50 M. FLY M E N 30-34	55.10 JIM SORENSEN 36
5:19.99 DOUG FADEL 26	19:44.09 ERIC NORDLUND 31	25.31 MIKE BOTTOM 88	55.63 STU MARVIN 39
5:23.06 DAN BORTON 27	19:58.96 JOHN STRANGE 31	25.59 MARK NOETZEL 32	56.38 DENNIS MATTAI 37
5:23.12 ELLIS EATON 25	20:11.21 CHRIS WEISS 30	27.01 BRIAN SCOTTOLINE 30	56.52 L.MEISENHEIMER 37
5:25.19 STUART BARTON 27	50 M. BACK M E N 30-34	27.44 C.LANINGHAM 33	57.12 MIKE KECK 35
5:28.62 MARK HICKMAN 29	27.26 SEAN MURPHY 94	27.56 TERRY DIXON 30	57.14 TED SOLTYS 35
*****	30.69 SKIP MASELLI 32	27.65 KENNETH FITCH 30	57.26 KIRK KOZLOWSKI 37
50 M. FREE M E N 30-34	30.93 STAN VELA 33	27.94 JEFF STUART 34	57.28 GORDON ANDREWS 35
23.21 ROWDY GAINES 90	31.51 BRIAN SCOTTOLINE 30	28.13 MATT STAUFFER 31	58.73 DAVID GUTHRIE 35
23.56 MARK NOETZEL 32	31.84 STEPHEN SEGRETO 32	28.18 TOM REDIG 34	200 M. FREE M E N 35-39
24.85 STEPHEN STAHL 30	32.27 DOUGLAS JAMES 30	28.20 STEPHEN STAHL 30	1:57.68 ROWDY GAINES 94
25.53 TERRY DIXON 30	32.33 DOUG SMITH 33	28.25 GREG REMMERT 32	1:57.68 ROWDY GAINES 35
25.55 C.VAN LANINGHAM 33	32.91 DOUG ELMORE 34	100 M. FLY M E N 30-34	1:58.84 JEFF STILING 35
25.81 BOB YOUNG 30	33.03 ERIC NORDLUND 31	56.64 MIKE BOTTOM 88	2:03.28 MIKE KECK 35
25.89 GREG REMMERT 32	33.07 DAVE SWENSON 32	57.62 MARK NOETZEL 32	2:03.46 JIM SORENSEN 36
26.04 BILL HARRIS 31	33.35 TYRONE BROWN 31	1:00.05 CHARLIE JOHNSON 32	2:03.51 L.MEISENHEIMER 37
26.11 JOHN SCHWENGER 30	100 M. BACK M E N 30-34	1:00.42 STEPHEN STAHL 30	2:06.20 STU MARVIN 39
26.20 HERB MERKERT 30	58.66 SEAN MURPHY 94	1:01.83 STEPHEN SEGRETO 32	2:06.73 KIRK ANDERSON 35
26.30 EMERIC MC DONALD 32	1:06.35 KENNETH FITCH 30	1:02.06 JEFF STUART 34	2:06.75 GORDON ANDREWS 35
26.30 EARL ANDERSON 31	1:06.67 SKIP MASELLI 32	1:02.50 REX WATKINS 31	2:07.33 TED SOLTYS 35
100 M. FREE M E N 30-34	1:07.90 STAN VELA 33	1:02.60 KENNETH FITCH 30	2:08.88 ANDREAS SEIBT 37
51.50 ROWDY GAINES 91	1:08.87 DAVID GREER 30	1:02.87 ERIK KIELIN 31	400 M. FREE M E N 35-39
52.36 MARK NOETZEL 32	1:09.34 DOUG THOMASON 32	1:03.48 JIM TUCKER 34	4:07.64 ROWDY GAINES 95
54.90 STEPHEN STAHL 30	1:10.05 NIEL FISCHER 30	1:03.57 JOHN OWSIANY 34	4:07.64 ROWDY GAINES 35
55.89 GREG REMMERT 32	1:11.06 RON TAYLOR 34	200 M. FLY M E N 30-34	4:17.26 JEFF STILING 35
55.97 STUART CROMARTY 31	1:11.21 MICHAEL DOWHY 31	2:03.85 BOBBY PATTEN 95	4:23.37 MIKE KECK 35
56.75 GERRY RODRIGUES 32	1:11.91 DOUGLAS JAMES 30	2:03.85 BOBBY PATTEN 32	4:32.20 L.MEISENHEIMER 37
56.97 JOSEPH LILEIKIS 32	1:11.95 JEFF DANDA 32	2:16.73 STEPHEN SEGRETO 32	4:37.68 SCOTT RABALAIS 36
57.44 JOHN WALTON 32	200 M. BACK M E N 30-34	2:18.81 STEPHEN STAHL 30	4:37.93 GARY QUINN 37
57.46 EARL ANDERSON 31	2:05.62 SEAN MURPHY 94	2:21.37 DOUGLAS STEWART 31	4:38.21 MATT CLARK 38
57.49 DAVID MICHAELS 32	2:23.40 KENNETH FITCH 30	2:23.16 TODD CLARK 30	4:38.81 ANDREAS SEIBT 37
57.75 SCOTT YEOMANS 31	2:31.04 DANIEL ALLEN 33	2:26.45 JOHN OWSIANY 34	4:41.13 KERRY O'BRIEN 38
200 M. FREE M E N 30-34	2:34.98 DOUG THOMASON 32	2:27.43 MICHAEL MOORE 31	4:41.26 GORDON ANDREWS 35
1:54.04 ROWDY GAINES 90	2:35.39 ERICH RASIMUS 30	2:27.85 JIM TUCKER 34	800 M. FREE M E N 35-39
1:59.86 STEPHEN STAHL 30	2:36.35 JAMIE PROFFITT 30	2:28.97 ERIC RYBA 30	8:44.46 ROWDY GAINES 94
2:00.95 MARK NOETZEL 32	2:39.46 GLEN STEWART 30	2:29.11 CHRIS GREENE 33	8:44.46 ROWDY GAINES 35
2:03.63 JEFF ERWIN 31	2:39.67 KEITH LIMBIRD 34	200 M. I.M. M E N 30-34	8:54.26 JEFF STILING 35
2:03.74 MICHAEL MOORE 31	2:40.45 KURT BARON 31	2:09.69 DAVID LUNDBURG 91	9:01.62 MIKE KECK 35
2:03.80 STUART CROMARTY 31	2:41.14 BILL KOREY 31	2:22.68 DIETRICH LAWRENCE 30	9:23.98 L.MEISENHEIMER 37
2:04.83 GREG REMMERT 32	2:41.56 ERIC NORDLUND 31	2:24.72 DOUGLAS STEWART 31	9:31.56 SCOTT RABALAIS 36
2:05.26 JOHN WALTON 32	50 M. BRST M E N 30-34	2:24.82 MARK NOETZEL 32	9:38.67 SCOTT SHAKE 37
2:06.02 SCOTT YEOMANS 31	29.42 DAVID GUTHRIE 92	2:26.74 SCOTT YEOMANS 31	9:43.80 KERRY O'BRIEN 38
2:06.19 GERRY RODRIGUES 32	30.99 DAVID GUTHRIE 34	2:26.84 REX WATKINS 31	9:43.91 ROB COPELAND 38
2:07.78 DOUGLAS STEWART 31	31.04 TERRY DIXON 30	2:27.20 NEIL FISCHER 30	9:53.42 ANDREAS SEIBT 37
400 M. FREE M E N 30-34	31.67 BRIAN SCOTTOLINE 30	2:28.71 TODD CLARK 30	9:55.48 BRAD HAYNES 37
4:07.04 ROWDY GAINES 93	32.20 DIETRICH LAWRENCE 30	2:29.32 MICHAEL NEAL 31	1500 M. FREE M E N 35-39
4:19.31 JEFF ERWIN 31	32.33 DEWEY WYATT 31	2:30.04 MICHAEL DOWHY 31	16:37.34 ROWDY GAINES 94
4:22.88 STEPHEN STAHL 30	32.98 TERRY TONGATE 34	2:30.47 DAVID COOL 34	16:37.34 ROWDY GAINES 35
4:24.86 GERRY RODRIGUES 32	33.31 SCOTT YEOMANS 31	400 M. I.M. M E N 30-34	17:59.36 SCOTT SHAKE 37
4:25.26 MICHAEL MOORE 31	33.36 STEPHEN STAHL 30	4:40.22 SEAN MURPHY 94	18:27.96 SCOTT RABALAIS 36
4:28.86 JOHN WALTON 32	33.52 JOHN SCHWENGER 30	4:59.56 JEFF ERWIN 31	18:31.78 GREGORY JOHNSON 38
4:31.20 SCOTT YEOMANS 31	33.70 MIKE HARRISON 30	5:06.73 DOUGLAS STEWART 31	19:00.99 FREDERICK KOEHLER 35
4:32.02 DOUGLAS STEWART 31	100 M. BRST M E N 30-34	5:10.97 DIETRICH LAWRENCE 30	19:12.66 BRAD HAYNES 37
4:32.97 GREG REMMERT 32	1:05.65 DAVID LUNDBERG 91	5:17.09 CHARLIE JOHNSON 32	19:19.05 JOHN BILLINGS 35
4:34.25 STEPHEN SEGRETO 32	1:06.33 DAVID GUTHRIE 34	5:17.52 STEPHEN STAHL 30	19:21.89 DAVID FRASEUR 36
4:35.14 TODD CLARK 30	1:09.30 TERRY DIXON 30	5:19.80 JOHN OWSIANY 34	20:05.79 DANIEL WIRLS 35
800 M. FREE M E N 30-34	1:11.05 DIETRICH LAWRENCE 30	5:22.87 MICHAEL NEAL 31	20:20.28 CHRISTOPHER NOLTE 38
8:40.19 ROWDY GAINES 93	1:11.53 JOHN WALTON 32	5:24.41 ERICH RASIMUS 30	50 M. BACK M E N 35-39
9:19.93 JOHN WALTON 32	1:12.27 HERB MCCAFFREY 31	5:24.44 REX WATKINS 31	28.04 THOMPSON MANN 78
9:22.37 STEPHEN STAHL 30	1:12.49 BRIAN SCOTTOLINE 30	5:30.06 ROB DUNSCOMBE 31	29.45 WILLIAM SPECHT 37
9:26.94 DOUGLAS STEWART 31	1:13.37 S.VAN KUILENBURG 30	*****	30.58 PATRICK HERRERA 36
9:44.88 TODD CLARK 30	1:14.15 ROB DUNSCOMBE 31	50 M. FREE M E N 35-39	30.87 SCOTT SHAKE 37
10:01.53 JAMIE PROFFITT 30	1:14.50 TERRY TONGATE 34	24.27 BRUCE STAHL 93	30.89 MARK LIST 39
10:13.07 ERIC NORDLUND 31	1:14.52 SCOTT YEOMANS 31	24.31 ROWDY GAINES 35	30.91 DAVID GIBSON 35
10:13.76 DANIEL ALLEN 33	200 M. BRST M E N 30-34	25.06 JIM SORENSEN 36	31.14 DAVID BURLESON 38
10:18.69 BRAD GOTHBERG 33	2:24.06 DAVID LUNDBERG 91	25.21 DENNIS MATTAI 37	32.03 JOSHUA SCOTT 39
10:22.96 EARL ANDERSON 31	2:34.18 DIETRICH LAWRENCE 30	25.47 STU MARVIN 39	32.12 ROBERT VOLL 38
10:24.39 JOHN STRANGE 31	2:38.16 HERB MCCAFFREY 31	25.79 KIRK KOZLOWSKI 37	32.19 KIRK KOZLOWSKI 37
1500 M. FREE M E N 30-34	2:43.39 MARK NELSON 34	25.98 DAVID GIBSON 35	32.26 CHRIS HANSEN 35

# TOP TEN

## Long Course Meters

100 M. BACK M E N 35-39	59.62 JEFF STILING	35	2:07.19 LARRY WOOD	41	2:37.91 PHILIP BENEZRA	41	
1:00.95 WILLIAM SPECHT	93	1:00.88 KERRY O'BRIEN	38	2:10.21 ROBERT WEBB	40	2:40.65 FRANK THOMPSON	43
1:02.79 WILLIAM SPECHT	37	1:01.97 TED SOLTYS	35	2:10.74 STEVEN STRONG	41	50 M. BRST M E N 40-44	
1:04.19 SCOTT SHAKE	37	1:02.09 DENNIS MATTAI	37	2:12.04 LEE MENCH	42	30.82 PEDER DAHLBERG	92
1:06.52 MIKE KECK	35	1:03.37 DAVID GIBSON	35	2:12.12 JOHN ROEMER	40	32.60 JOHN ROEMER	40
1:06.76 DAVID BURLESON	38	1:03.40 CURT LACOUNT	36	2:12.97 M.CAFFERY	42	33.72 WAYNE LEWOCZKO	40
1:06.96 PATRICK HERRERA	36	1:03.61 TERRY JAYNES	39	400 M. FREE M E N 40-44		33.72 RICK COLELLA	43
1:07.77 THOMAS LAWSON	35	1:03.79 TIM CESPEDES	35	4:22.80 HESS YNTEMA	95	33.74 KARL KAZMAIER	40
1:08.03 GORDON ANDREWS	35	1:04.07 JEFF WALKER	35	4:22.80 HESS YNTEMA	41	33.99 ERIC VAN BOER	40
1:08.68 GARY QUINN	37	200 M. FLY M E N 35-39		4:27.87 TIM BRODERICK	44	34.06 MIKE WHITAKER	43
1:08.69 DAVID GIBSON	35	2:08.51 WILLIAM SPECHT	94	4:29.36 STEVEN STRONG	41	34.57 JAY WALTERS	40
1:08.92 GARY PATTERSON	35	2:10.20 WILLIAM SPECHT	37	4:30.33 ALAN CARDWELL	42	34.64 PATRICK DIBIASE	40
200 M. BACK M E N 35-39		2:13.10 JEFF STILING	35	4:35.32 LARRY WOOD	41	34.91 MARK CHATFIELD	41
2:13.83 TOM WOLF	90	2:17.46 KERRY O'BRIEN	38	4:36.31 HOWARD COYE	40	35.20 ROBERT PUELS	43
2:16.82 WILLIAM SPECHT	37	2:18.99 MIKE KECK	35	4:36.47 NEIL WASSERMAN	40	100 M. BRST M E N 40-44	
2:19.54 SCOTT SHAKE	37	2:27.28 TED SOLTYS	35	4:36.79 ROBERT WEBB	40	1:09.95 PEDER DAHLBERG	92
2:23.26 MARK LIST	39	2:28.47 TERRY JAYNES	39	4:38.47 M.CAFFERY	42	1:12.50 MICHAEL DREWS	41
2:25.37 MIKE KECK	35	2:29.27 MICHAEL LEMKE	38	4:43.31 FRED FERROGGIARD	41	1:12.88 JOHN ROEMER	40
2:26.13 PATRICK HERRERA	36	2:30.63 DOUG MOYSE	37	800 M. FREE M E N 40-44		1:14.47 GREG HARRISON	42
2:27.73 ANDREAS SEIBT	37	2:30.66 DAVID SHEPHERD	35	8:57.66 HESS YNTEMA	95	1:14.89 RICK COLELLA	43
2:28.27 GORDON ANDREWS	35	2:32.14 ROB COPELAND	38	8:57.66 HESS YNTEMA	41	1:15.45 KARL KAZMAIER	40
2:29.94 GARY QUINN	37	200 M. I.M. M E N 35-39		9:17.93 ALAN CARDWELL	42	1:15.65 MIKE WHITAKER	43
2:30.38 ROBERT VOLL	38	2:16.49 MARK SCHUMAN	92	9:35.20 TIM BRODERICK	44	1:16.18 PATRICK DIBIASE	40
2:30.94 TIM CESPEDES	35	2:17.32 MIKE KECK	35	9:38.75 LARRY WOOD	41	1:18.13 RICHARD BOHAN	44
2:30.94 CURT LA COUNT	36	2:18.34 JIM SORENSEN	36	9:57.42 B.RANSOM-NELSON	42	1:18.38 JAY WALTERS	40
50 M. BRST M E N 35-39		2:21.06 DAVID GUTHRIE	35	10:00.82 NED MAGGIORA	40	1:19.23 ERIC VAN BOER	40
30.13 DAVID GUTHRIE	95	2:24.13 GARY PATTERSON	35	10:02.93 SCOTT HARRIS	41	200 M. BRST M E N 40-44	
30.13 DAVID GUTHRIE	35	2:24.66 MATT CLARK	38	10:06.13 RICHARD DORNEY	43	2:32.17 RICK COLELLA	92
32.56 BENN DOYLE	36	2:26.11 ANDREAS SEIBT	37	10:06.77 ROBERT WRIGHT	40	2:38.71 MICHAEL DREWS	41
32.61 GARY PATTERSON	35	2:26.94 TERRY JAYNES	39	10:14.61 RONALD KANE	43	2:38.82 GREG HARRISON	43
32.93 RON SCHAFFER	37	2:26.95 GARY QUINN	37	1500 M. FREE M E N 40-44		2:40.45 JOHN ROEMER	40
33.40 JEFF AMMANN	35	2:27.66 TOM DUGAN	37	16:58.52 HESS YNTEMA	95	2:45.58 TIM BRODERICK	44
33.57 MICHAEL CASCIATO	35	2:29.91 DAVID GIBSON	35	16:58.52 HESS YNTEMA	41	2:49.78 DANIEL JOHNSON	42
33.99 JOSE CUNNINGHAM	39	400 M. I.M. M E N 35-39		17:53.71 TIM BRODERICK	44	2:50.87 MIKE WHITAKER	43
34.06 CHRIS DIXON	37	4:50.27 JEFF STILING	95	17:58.15 M.CAFFERY	42	2:52.09 HOWARD COYE	40
34.43 CRAIG SIHNER	35	4:50.27 JEFF STILING	35	18:31.33 NEIL WASSERMAN	40	2:53.81 TOM PALMGREN	41
34.55 PATRICK HERRERA	36	4:58.73 MIKE KECK	35	18:38.13 HOWARD COYE	40	2:56.55 FRED FARLEY	41
100 M. BRST M E N 35-39		5:11.07 DAVID GUTHRIE	35	18:59.78 LARRY WOOD	41	2:58.50 STEVEN VANNORT	44
1:05.67 DAVID GUTHRIE	95	5:13.85 TIM CESPEDES	35	19:03.35 CHARLES YOURD	43	50 M. FLY M E N 40-44	
1:05.67 DAVID GUTHRIE	35	5:13.94 ANDREAS SEIBT	37	19:06.51 SCOTT HARRIS	41	26.62 RICHARD HESS	95
1:11.40 GARY PATTERSON	35	5:18.12 GARY QUINN	37	19:24.62 D.BETHENCOURT	42	26.62 RICHARD HESS	40
1:12.21 RON SCHAFFER	37	5:19.20 TOM DUGAN	37	19:32.16 JOHN MAY	40	26.69 RICK ABBOTT	40
1:12.86 MICHAEL HAMM	38	5:19.57 MATT CLARK	38	50 M. BACK M E N 40-44		27.60 CLAY EVANS	41
1:13.14 BENN DOYLE	36	5:22.07 DAVID FRASEUR	36	29.38 PETER O'KEEFFE	90	28.09 DAVID SAMUELSON	42
1:15.28 MICHAEL CASCIATO	35	5:26.99 BRUCE HATTON	38	30.01 RICK ABBOTT	40	28.68 MICHAEL HEATHER	41
1:16.37 JAMES MATYSEK	35	*****		31.35 CLAY EVANS	41	28.96 CRAIG BURNS	42
1:17.52 PATRICK HERRERA	36	50 M. FREE M E N 40-44		31.45 DALE KEITH	40	29.12 BILL ADKISON	40
1:17.77 JIM WILLIAMS	38	24.39 RICK ABBOTT	95	31.45 PAUL WINDRATH	41	29.32 BRAD PENCE	43
1:17.83 VICTOR WAGNER	39	24.39 RICK ABBOTT	40	31.57 HOWARD HART	42	29.34 PAUL WINDRATH	41
200 M. BRST M E N 35-39		25.25 RICHARD HESS	40	31.67 PETER METZGER	40	29.53 ALAN CARDWELL	42
2:24.37 DAVID GUTHRIE	95	25.98 ERIC VAN BOER	40	32.03 FRED FERROGGIARD	41	100 M. FLY M E N 40-44	
2:24.37 DAVID GUTHRIE	35	26.31 WILLIE WACHOB	42	32.37 JIM BENDTSEN	41	59.02 HESS YNTEMA	95
2:35.79 GARY PATTERSON	35	26.78 DAVID DEAN	40	32.41 JOHN ROEMER	40	59.02 HESS YNTEMA	41
2:40.90 RON SCHAFFER	37	26.95 KEN ROGERS	41	32.60 RICHARD BOBER	44	1:00.61 RICHARD HESS	40
2:41.78 MICHAEL HAMM	38	26.99 WILLIAM DRULIAS	43	100 M. BACK M E N 40-44		1:03.23 MICHAEL HEATHER	41
2:43.78 BENN DOYLE	36	27.03 KARL KAZMAIER	40	1:03.39 PETER O'KEEFFE	90	1:04.32 ALAN CARDWELL	42
2:45.94 MICHAEL CASCIATO	35	27.16 MICHAEL HEATHER	41	1:06.14 CLAY EVANS	41	1:05.01 CLAY EVANS	41
2:46.12 VICTOR WAGNER	39	27.25 JOHN ROEMER	40	1:08.65 PAUL WINDRATH	41	1:05.57 JAMES GRUBBS	40
2:49.03 TOM DUGAN	37	100 M. FREE M E N 40-44		1:09.56 PHILIPP DJANG	40	1:06.72 CRAIG BURNS	42
2:49.25 PATRICK ALLENDER	36	54.47 RICK ABBOTT	95	1:10.42 DALE KEITH	40	1:07.12 BRAD PENCE	43
2:51.03 JAMES MATYSEK	35	54.47 RICK ABBOTT	40	1:10.75 PETER METZGER	40	1:07.50 ROBERT WRIGHT	40
50 M. FLY M E N 35-39		56.08 RICHARD HESS	40	1:11.27 CLIFF STEPHENS	40	1:07.66 HILL CARROW	40
25.93 MICHAEL BOTTOM	93	58.42 LARRY WOOD	41	1:11.84 B.RANSOM-NELSON	42	200 M. FLY M E N 40-44	
26.05 WILLIAM SPECHT	37	58.68 ALAN CARDWELL	42	1:12.05 RICK SCRAY	41	2:13.57 HESS YNTEMA	95
27.01 JIM SORENSEN	36	58.99 LEE MENCH	42	1:12.06 RICHARD BOBER	44	2:13.57 HESS YNTEMA	41
27.67 DAVID GIBSON	35	59.38 STEVEN STRONG	41	1:12.64 LOU HORWITZ	42	2:25.61 NEIL WASSERMAN	40
27.67 TED SOLTYS	35	59.64 ERIC VAN BOER	40	200 M. BACK M E N 40-44		2:26.93 MICHAEL HEATHER	41
27.78 JEFF WALKER	35	59.70 WILLIE WACHOB	42	2:18.17 PETER O'KEEFFE	90	2:27.74 CLAY EVANS	41
28.04 DENNIS MATTAI	37	59.92 PAUL WINDRATH	41	2:22.77 MICHAEL DREWS	41	2:28.09 ALAN CARDWELL	42
28.24 KERRY O'BRIEN	38	1:00.00 WILLIAM DRULIAS	43	2:25.98 FRED FERROGGIARD	41	2:28.77 ROBERT WRIGHT	40
28.30 THOMAS MC CABE	37	200 M. FREE M E N 40-44		2:30.69 CASEY CLAFLIN	42	2:31.31 JAMES GRUBBS	40
28.35 CURT LACOUNT	36	2:01.16 HESS YNTEMA	95	2:34.70 PHILIPP DJANG	40	2:31.76 RONALD KANE	43
28.38 CHRIS DIXON	37	2:01.16 HESS YNTEMA	41	2:35.25 RICK SCRAY	41	2:32.93 TIM BRODERICK	44
100 M. FLY M E N 35-39		2:05.59 RICK ABBOTT	40	2:35.28 CLIFF STEPHENS	40	2:35.94 HILL CARROW	40
57.39 WILLIAM SPECHT	94	2:05.76 TIM BRODERICK	44	2:36.04 B.RANSOM-NELSON	42	200 M. I.M. M E N 40-44	
58.13 WILLIAM SPECHT	37	2:05.86 ALAN CARDWELL	42	2:37.57 JEFF KRONGAARD	40	2:17.64 HESS YNTEMA	95

# TOP TEN

## Long Course Meters

2:17.64 HESS YNTEMA 41	9:59.67 ED CROSSMORE 47	1:21.95 GEORGE BROWN 48	50 M. FREE M E N 50-54
2:19.21 MICHAEL DREWS 41	10:06.23 WILLIAM DORNEY 47	1:22.13 HANK MIERZWA 45	26.16 DON HILL 83
2:23.93 RICHARD HESS 40	10:07.66 JOHN NOLAN 46	1:22.17 ROBERT LONG 46	26.61 KEEFFE LODWIG 52
2:23.97 CLAY EVANS 41	10:17.68 TREVOR CHARLTON 45	200 M. BRST M E N 45-49	26.81 STEVE CLARK 52
2:25.74 NEIL WASSERMAN 40	10:19.57 DAVID TANNER 45	2:41.64 ROBERT STRAND 94	27.03 ROBERT SMITH 52
2:26.97 RICK COLELLA 43	10:20.93 BRETT SORGE 48	2:42.23 ROBERT STRAND 49	27.70 JIM DRAGON 51
2:27.49 STEVEN STRONG 41	10:23.22 CHIP GLIDDEN 45	2:49.78 ALLEN STARK 46	27.75 ROBERT OLSON 51
2:27.72 JOHN ROEMER 40	1500 M. FREE M E N 45-49	2:52.45 STEVE HECK 45	27.98 BRUCE CLARK 52
2:29.25 TIM BRODERICK 44	18:27.49 R TOD SPIEKER 93	2:54.05 MIKE DIRKSEN 45	28.16 JACK GEOGHEGAN 53
2:30.28 LARRY WOOD 41	18:38.73 KEVIN POLANSKY 45	2:54.94 GEORGE WENDT 47	28.45 CHUCK GANTNER 50
400 M. I.M. M E N 40-44	18:54.21 MIKE SHERRILL 45	2:55.03 MAL JESTER 46	28.48 KARL VON TAGEN 51
4:53.03 HESS YNTEMA 95	18:57.41 KEITH BELL 46	2:56.27 DAVE GEMMILL 47	28.57 DAVE QUIGGIN 50
4:53.03 HESS YNTEMA 41	19:04.55 JOHN NOLAN 46	2:59.17 DAVID LEVINSON 45	100 M. FREE M E N 50-54
5:04.18 MICHAEL DREWS 41	19:05.56 ANDREW MC PHERSON 48	2:59.46 JOHN SULTAN 48	58.62 TIMOTHY GARTON 93
5:10.95 NEIL WASSERMAN 40	19:26.39 DAVID TANNER 45	3:01.69 STEVEN PETERSON 48	58.91 KEEFFE LODWIG 52
5:28.16 ROBERT WRIGHT 40	19:39.08 STEPHEN JOHNSON 47	50 M. FLY M E N 45-49	1:00.30 STEVE CLARK 52
5:28.62 RICK SCRAY 41	19:52.27 WILLIAM CERNY 47	27.12 DAN THOMPSON 92	1:01.03 EDWARD CAZALET 52
5:37.28 CHARLES YOURD 43	20:21.04 STEPHEN PURYEAR 47	27.64 DAN THOMPSON 49	1:02.45 ROBERT SMITH 52
5:39.83 HILL CARROW 40	20:23.74 LARRY ESCHENBURG 45	28.95 ANDREW MC PHERSON 48	1:03.06 JACK GEOGHEGAN 53
5:40.31 D.BETHENCOURT 42	50 M. BACK M E N 45-49	29.02 MIKE DIRKSEN 46	1:03.23 KARL VON TAGEN 51
5:46.32 FRANK THOMPSON 43	30.42 HUGH WILDER 93	29.18 ARTHUR DEFFAA 46	1:03.96 DAVE QUIGGIN 50
5:48.87 BRUCE JOHNSON 44	30.59 PETER O'KEEFFE 45	29.40 MICHAEL O'NEIL 45	1:03.97 DAVE FRANK 51
*****	30.68 HUGH WILDER 48	29.46 HUGH WILDER 48	1:04.25 DON DAVIS 50
50 M. FREE M E N 45-49	31.37 ANDREW MCPHERSON 48	29.49 STEVEN HECK 45	1:04.80 STEPHEN THRASHER 53
25.30 RICHARD ABRAHAMS 90	31.50 TIM BIRNIE 49	29.53 DAVID TANNER 45	100 M. FREE M E N 50-54
26.44 ANDREW MC PHERSON 48	31.52 GERRY KEELER 45	29.69 LARRY WRIGHT 46	2:09.74 TIMOTHY GARTON 93
26.95 HOMER LANE 45	33.59 STEVE HECK 45	29.76 RANDY BROWN 47	2:14.62 EDWARD CAZALET 52
27.01 GERRY KEELER 45	33.63 WILLIAM TINGLEY 45	100 M. FLY M E N 45-49	2:14.95 KEEFFE LODWIG 52
27.02 MIKE SHERRILL 45	33.78 DAN THOMPSON 49	1:02.84 ANDREW MCPHERSON 92	2:20.17 ROBERT CASEY 50
27.21 ROBERT STRAND 49	33.87 JAMES BEGLINGER 49	1:03.32 ANDREW MC PHERSON 48	2:20.91 JACK GEOGHEGAN 53
27.24 DAN THOMPSON 49	34.22 HOMER LANE 45	1:05.48 DAVID TANNER 45	2:21.86 RICHARD BOYD 52
27.29 HUGH WILDER 48	100 M. BACK M E N 45-49	1:05.66 PETER O'KEEFFE 45	2:24.05 DON DAVIS 50
27.37 STEVE HECK 45	1:05.64 PETER O'KEEFFE 95	1:05.90 MIKE SHERRILL 45	2:24.45 KARL VON TAGEN 51
27.57 DOUG PRENTICE 47	1:05.64 PETER O'KEEFFE 45	1:06.24 ARTHUR DEFFAA 46	2:24.49 STEVE CLARK 52
27.57 MICHAEL GARIBALDI 49	1:08.36 HUGH WILDER 48	1:06.51 ALAN BELL 45	2:26.85 RICHARD BASSI 54
100 M. FREE M E N 45-49	1:09.61 TIM BIRNIE 49	1:08.61 LEONARD BROCKHAHN 45	2:31.73 MURRAY MC LACHLAN 54
57.04 ANDREW MCPHERSON 92	1:13.53 STEVE HECK 45	1:08.61 DAVID LEVINSON 45	400 M. FREE M E N 50-54
58.30 KEVIN POLANSKY 45	1:14.09 JOHN SULTAN 48	1:08.77 LARRY WRIGHT 46	4:43.72 TIMOTHY GARTON 92
58.99 MIKE SHERRILL 45	1:14.15 DAVID TEMPEST 45	1:08.83 STEVEN HECK 45	4:51.74 EDWARD CAZALET 52
59.24 ANDREW MC PHERSON 48	1:14.43 ROBERT STRAND 49	200 M. FLY M E N 45-49	5:01.49 ROBERT CASEY 50
59.68 HOMER LANE 45	1:14.55 FRANK WARNER 46	2:29.52 ANDREW MCPHERSON 93	5:05.46 RICHARD BOYD 52
1:00.09 LEONARD BROCKHAHN 45	1:15.09 JAMES KING 48	2:29.76 ALAN BELL 45	5:05.47 JACK GEOGHEGAN 53
1:00.57 DAVID TANNER 45	1:15.19 PAUL HEBERT 49	2:32.22 KEITH BELL 47	5:06.28 STEVE THRASHER 53
1:00.93 MICHAEL GARIBALDI 49	200 M. BACK M E N 45-49	2:36.42 JOEL WILSON 46	5:09.10 WILLIAM GONZALEZ 52
1:01.27 STEVE HECK 45	2:23.84 PETER O'KEEFFE 95	2:38.29 JOHN NOLAN 46	5:10.19 KARL VON TAGEN 51
1:01.47 ROBERT STRAND 49	2:23.84 PETER O'KEEFFE 45	2:45.83 DAVID LEVINSON 45	5:12.58 KEEFFE LODWIG 51
1:01.68 JOHN SULTAN 48	2:33.61 TIM BIRNIE 49	2:54.11 MICHAEL O'NEIL 45	5:19.15 DON DAVIS 50
200 M. FREE M E N 45-49	2:34.37 WILLIAM DORNEY 47	2:55.56 ARTHUR DEFFAA 46	5:22.16 ROBERT POILETMAN 51
2:06.91 DAVID GRAY 94	2:34.68 ALAN BELL 45	2:56.89 STEVEN HECK 45	800 M. FREE M E N 50-54
2:07.91 MIKE SHERRILL 45	2:38.88 HUGH WILDER 48	2:59.46 PAULO FIGUEIREDO 49	9:55.59 TIMOTHY GARTON 92
2:08.73 KEVIN POLANSKY 45	2:39.30 STEVE HECK 45	3:03.20 DOUGLAS ADAMS 45	10:08.77 EDWARD CAZALET 53
2:10.21 PETER O'KEEFFE 45	2:40.34 DAVID TEMPEST 45	200 M. I.M. M E N 45-49	10:23.13 ROBERT CASEY 50
2:11.91 ANDREW MC PHERSON 48	2:41.05 CHIP GLIDDEN 45	2:24.39 BOB MOMSEN 92	10:43.03 T.HARASZTI 54
2:13.39 DAVID TANNER 45	2:42.65 JOSEPH GUIGNON 49	2:32.34 ANDREW MC PHERSON 48	10:55.67 JACK GEOGHEGAN 53
2:13.56 KEITH BELL 47	2:43.18 PAUL HEBERT 49	2:33.71 KEITH BELL 47	11:11.87 STEVE THRASHER 53
2:15.11 JOHN NOLAN 46	50 M. BRST M E N 45-49	2:34.29 STEVEN HECK 45	11:14.39 DON DAVIS 50
2:15.16 TIM BIRNIE 49	32.48 ROBERT STRAND 94	2:35.24 JOHN SULTAN 48	11:28.43 THOMAS MC CARTY 50
2:15.62 STEVE HECK 45	32.59 ROBERT STRAND 49	2:35.82 WILLIAM DORNEY 47	11:29.48 JAMES FUSSELL 50
2:15.67 LEONARD BROCKHAHN 45	33.28 ALLEN STARK 46	2:35.90 MAL JESTER 46	11:34.52 JOSEPH ZELSON 54
400 M. FREE M E N 45-49	34.93 MAL JESTER 46	2:40.41 CHIP GLIDDEN 45	11:50.54 MURRAY MC LACHLAN 54
4:27.70 BOB MOMSEN 92	35.09 MIKE DIRKSEN 46	2:40.86 DAVID LEVINSON 45	1500 M. FREE M E N 50-54
4:33.56 MIKE SHERRILL 45	35.35 DAN THOMPSON 49	2:41.09 DAVE GEMMILL 47	19:19.43 ED CAZALET 93
4:37.08 KEVIN POLANSKY 45	35.39 G PAUL MENYHARTH 48	2:41.26 JOHN NOLAN 46	19:33.17 EDWARD CAZALET 53
4:42.29 KEITH BELL 46	35.44 STEVE HECK 45	400 M. I.M. M E N 45-49	20:03.34 RICHARD BOYD 52
4:46.82 JOEL WILSON 46	35.77 HUGH FLEMING 45	5:12.03 BOB MOMSEN 92	20:16.56 T.HARASZTI 54
4:47.46 JOHN NOLAN 46	36.05 ARTHUR DEFFAA 46	5:26.68 JOEL WILSON 46	20:41.29 STEPHEN THRASHER 53
4:48.90 ALAN BELL 45	36.13 STEVEN PETERSON 48	5:26.83 ANDREW MC PHERSON 48	21:41.62 DON DAVIS 50
4:50.29 LEONARD BROCKHAHN 45	100 M. BRST M E N 45-49	5:30.45 KEITH BELL 47	22:07.79 ROBERT WILLIAMS 53
4:52.18 STEVE JOHNSON 47	1:12.96 ROBERT STRAND 94	5:31.73 JOHN NOLAN 46	22:32.93 JAMES GREEN 50
4:52.37 TIM BIRNIE 49	1:13.09 ROBERT STRAND 49	5:35.20 GEORGE WENDT 47	23:19.02 HARRY HAMILTON 54
4:52.83 ED CROSSMORE 47	1:14.85 MIKE DIRKSEN 46	5:35.61 JOHN SULTAN 48	23:26.12 PETER LEE 52
800 M. FREE M E N 45-49	1:15.37 ALLEN STARK 46	5:37.62 KEVIN POLANSKY 45	23:35.53 DONALD KROEGER 51
9:24.19 DAVID GRAY 94	1:18.39 MAL JESTER 46	5:38.00 STEVEN HECK 45	50 M. BACK M E N 50-54
9:25.54 MIKE SHERRILL 45	1:18.78 STEVE HECK 45	5:46.87 CHIP GLIDDEN 45	30.93 JOHN SMITH 88
9:48.67 KEVIN POLANSKY 45	1:20.95 G PAUL MENYHARTH 48	5:47.96 DAVID LEVINSON 45	31.35 ROBERT SMITH 52
9:54.20 KEITH BELL 47	1:21.85 ARTHUR SANCHEZ 45	*****	32.61 STEVE THRASHER 53

# TOP TEN

## Long Course Meters

33.31 RICHARD ALEXANDER	51	30.96 JIM DRAGON	51	1:08.89 RONALD NAKATA	56	3:03.80 PATRICK SCHLUP	55
33.36 STEVE CLARK	52	31.00 ROBERT POILETMAN	51	200 M. FREE M E N 55-59		3:03.86 JACK HALLIDAY	58
34.44 MARK LITMAN	50	31.24 WILLIAM GONZALEZ	52	2:17.63 JEFF FARRELL	94	3:05.65 JOHN MEDICI	57
34.51 RICHARD BASSI	54	31.25 RICHARD BURNS	52	2:21.62 DAVID HARRISON	57	3:06.45 P.FERGUSON	56
34.64 DAN BEHR	50	100 M. FLY M E N 50-54		2:23.30 DRURY GALLAGHER	56	3:06.70 E.CHRISTOFF	55
34.85 EDWARD CAZALET	53	1:05.83 TIMOTHY GARTON	92	2:24.43 WILLIAM VAN HORN	56	3:07.03 FRANK WENDELKEN	56
35.94 JACK GEOGHEGAN	53	1:08.83 ROBERT POILETMAN	51	2:28.25 TOSHIHIRO HAYASHI	57	3:07.05 BILL EARLEY	58
35.94 RUSSELL KINGERY	51	1:11.08 KEEFE LODWIG	52	2:31.71 ERNIE LESKOVITZ	58	3:08.60 BEN WISCKOL	55
100 M. BACK M E N 50-54		1:11.14 JACK GEOGHEGAN	53	2:36.67 BOB BAILIE	59	3:09.38 BRUCE MURRAY	58
1:09.82 RICHARD BURNS	93	1:13.13 STEVE CLARK	52	2:37.97 JOHN MEDICI	57	50 M. BRST M E N 55-59	
1:10.69 STEVE THRASHER	53	1:13.81 WILLIAM JOHNSON	50	2:40.56 JAMES KRUEGER	56	34.20 JOHN KORTHEUER	88
1:12.16 RICHARD BURNS	52	1:14.22 WILLIAM MUTER	52	2:41.39 SAM KOOISTRA	59	34.89 DRURY GALLAGHER	56
1:12.76 ROBERT SMITH	52	1:16.90 WYATT EARP	50	2:41.87 JOHN CONLEY	56	37.52 JACK MCCOY	55
1:13.25 EDWARD CAZALET	52	1:16.97 PHILLIP WHITTEN	52	400 M. FREE M E N 55-59		37.62 TOM WINTERS	55
1:16.32 DAN BEHR	50	1:18.20 JAMES GREEN	50	4:57.21 DAVID HARRISON	94	37.62 BILL MULLIKEN	56
1:16.72 RICHARD BASSI	54	1:18.29 MIKE LAUX	53	5:03.02 DAVID HARRISON	57	37.71 TOSHIHIRO HAYASHI	58
1:16.78 RUSSELL KINGERY	51	200 M. FLY M E N 50-54		5:07.63 DRURY GALLAGHER	56	38.50 C.KILBOURNE	56
1:19.90 DAVE QUIGGIN	50	2:33.79 BILL YORZYK	83	5:22.64 WILLIAM VAN HORN	56	38.82 MILTON GEE	58
1:21.87 JOHN OBERWETTER	50	2:36.09 ROBERT POILETMAN	51	5:29.12 ERNIE LESKOVITZ	58	39.13 DICK PETERSON	58
1:23.68 EDWARD NESSEL	50	2:50.62 JAMES GREEN	50	5:32.54 PATRICK SCHLUP	55	39.33 PETER DICROCE	57
200 M. BACK M E N 50-54		2:53.02 WILLIAM GONZALEZ	52	5:35.92 MEL GOLDSTEIN	56	39.54 JACK HALLIDAY	58
2:32.81 RICHARD BURNS	93	3:02.06 MIKE LAUX	53	5:42.02 JOHN MEDICI	57	100 M. BRST M E N 55-59	
2:35.91 STEPHEN THRASHER	53	3:10.85 GEORGE DODGE	50	5:47.57 TOSHIHIRO HAYASHI	58	1:17.87 JOHN KORTHEUER	88
2:37.08 EDWARD CAZALET	52	3:11.05 WILLIAM MUTER	52	5:49.26 KENT PRICE	57	1:19.33 DRURY GALLAGHER	56
2:52.11 MARK LITMAN	50	3:27.31 RAYMOND HAMILTON	51	5:50.61 SAM KOOISTRA	59	1:26.46 BILL MULLIKEN	56
2:52.35 DAN BEHR	50	3:31.69 ALAN BECKER	52	800 M. FREE M E N 55-59		1:27.00 C.KILBOURNE	55
2:57.58 RICHARD BASSI	54	3:37.24 GLENN HUBBUCH	50	10:27.08 BURWELL JONES	88	1:28.10 DICK PETERSON	58
2:58.22 JOHN OBERWETTER	50	3:46.33 KENNETH HEUCK	50	10:22.88 DAVID HARRISON	57	1:28.16 PATRICK SCHLUP	55
2:59.93 RUSSELL KINGERY	51	200 M. I.M. M E N 50-54		11:07.03 MEL GOLDSTEIN	56	1:30.26 MILTON GEE	58
3:04.82 RAYOND WOLLER	54	2:28.70 TIMOTHY GARTON	93	11:57.17 BOB COALE	55	1:30.35 JACK HALLIDAY	58
3:07.88 GEORGE MCNAMARA	53	2:38.45 RICHARD BOYD	52	12:16.09 SAM KOOISTRA	59	1:30.62 SHERRILL MARTIN	58
3:09.38 ROBERT BALL	50	2:40.72 EDWARD CAZALET	53	12:24.12 BEN WISCKOL	55	1:30.81 JOHN MEDICI	57
50 M. BRST M E N 50-54		2:44.91 STEVE THRASHER	53	12:32.99 A. EMORY HAWORTH	59	1:30.94 RAY BELLAM	58
33.85 MANUEL SANGUILY	83	2:46.58 PHILLIP WHITTEN	52	13:03.12 E.CHRISTOFF	55	200 M. BRST M E N 55-59	
34.64 SCOTT GUTHRIE	50	2:47.01 ROBERT POILETMAN	51	13:14.17 BARRY SHAY	55	2:58.83 MANUEL SANGUILY	88
35.03 PETER OROSZLAN	51	2:47.16 JACK GEOGHEGAN	53	13:21.73 C.KILBOURNE	56	3:00.29 DRURY GALLAGHER	56
35.57 ROBERT SMITH	52	2:50.16 DAN BEHR	50	13:24.14 BILL EARLEY	58	3:07.43 PATRICK SCHLUP	55
35.61 JIM DRAGON	51	2:51.46 DAVE FRANK	51	1500 M. FREE M E N 55-59		3:09.72 DICK PETERSON	58
37.07 WILLIAM CHADSEY	52	2:52.00 ROBERT OLSON	51	19:54.72 BURWELL JONES	90	3:12.03 JACK HALLIDAY	58
37.47 DAVE FRANK	51	2:58.96 RUSS DESSERICH	52	20:42.13 WILLIAM VAN HORN	56	3:15.62 C.KILBOURNE	56
37.56 PHILIP NEUJAHN	51	400 M. I.M. M E N 50-54		21:49.50 ERNIE LESKOVITZ	58	3:24.82 MILTON GEE	58
37.86 PHIL WHITTEN	51	5:25.32 TIMOTHY GARTON	93	22:22.87 KENT PRICE	57	3:25.16 SHERRILL MARTIN	58
38.08 RUSS DESSERICH	52	5:36.86 EDWARD CAZALET	52	22:32.35 BOB COALE	55	3:25.29 A. EMORY HAWORTH	59
38.20 EDWARD NESSEL	50	5:42.66 RICHARD BOYD	52	22:55.22 TIM TIMKEN	56	3:25.39 WALTER REID	55
100 M. BRST M E N 50-54		5:57.92 ROBERT POILETMAN	51	23:06.58 SAM KOOISTRA	59	3:33.95 FRANK BRANDT	55
1:15.60 MANUEL SANGUILY	83	6:12.43 WILLIAM MUTER	52	23:32.90 A. EMORY HAWORTH	59	50 M. FLY M E N 55-59	
1:21.45 PHILLIP WHITTEN	52	6:24.92 WYATT EARP	50	23:35.28 BARRY FASBENDER	58	29.74 ROBERT PROEBSTING	94
1:21.60 SCOTT GUTHRIE	50	6:36.15 JAMES GREEN	50	23:45.14 BEN WISCKOL	55	30.35 BOB BAILIE	59
1:21.70 WILLIAM GONZALEZ	52	6:45.95 JAMES CONNORS	50	23:59.73 JIM BIGLER	59	30.69 JEFF FARRELL	58
1:22.02 PETER OROSZLAN	51	7:06.71 RAYMOND HAMILTON	51	50 M. BACK M E N 55-59		31.09 DAVE GILLANDERS	56
1:24.52 EDWARD NESSEL	50	7:07.14 DONALD KROEGER	51	32.94 YOSHI OYAWAKA	92	31.47 BERT PETERSEN	56
1:24.69 WILLIAM CHADSEY	52	8:20.83 KENNETH HEUCK	50	34.90 BILL EARLEY	58	31.82 JERRY KATZ	57
1:24.88 JIM DRAGON	51	*****		36.54 DRURY GALLAGHER	56	32.03 JAMES KRUEGER	56
1:25.04 STEVE BARDEN	50	50 M. FREE M E N 55-59		36.58 DAVE GILLANDERS	56	32.25 RONALD NAKATA	56
1:25.14 DON DAVIS	50	27.08 JEFF FARRELL	95	36.85 P.FERGUSON	56	32.28 DRURY GALLAGHER	56
1:25.49 PHILIP NEUJAHN	51	27.08 JEFF FARRELL	58	37.15 FRANK WENDELKEN	56	32.30 TOSHIHIRO HAYASHI	57
200 M. BRST M E N 50-54		27.80 BOB BAILIE	59	37.21 CHRIS HIATT	55	32.67 TOM WINTERS	55
2:50.87 TEGZE HARASZTI	94	28.41 TOM ANGELL	55	38.20 GEORGE QUIGLEY	55	100 M. FLY M E N 55-59	
2:54.33 RICHARD BOYD	52	28.46 TOSHIHIRO HAYASHI	57	38.66 TOSHIHIRO HAYASHI	57	1:09.27 ROBERT PROEBSTING	94
2:58.61 PHILLIP WHITTEN	52	28.89 JAMES KRUEGER	56	38.66 DICK PETERSON	58	1:12.33 DAVE GILLANDERS	56
3:00.58 WILLIAM GONZALEZ	52	29.23 WILLIAM VAN HORN	56	38.74 BARRY FASBENDER	58	1:15.22 DRURY GALLAGHER	56
3:00.86 STEVE BARDEN	50	29.30 JERRY KATZ	57	100 M. BACK M E N 55-59		1:15.95 TIM TIMKEN	56
3:02.72 ALLEN MURRAY	50	29.44 BRUCE HUNTER	55	1:13.15 JACK BEATTIE	90	1:17.43 JAMES KRUEGER	56
3:07.30 EDWARD NESSEL	50	29.58 TOM WINTERS	55	1:19.52 GEORGE QUIGLEY	55	1:18.07 JEFF FARRELL	58
3:10.60 DON DAVIS	50	29.81 JERRY CLARK	57	1:21.45 DRURY GALLAGHER	56	1:18.21 MEL GOLDSTEIN	56
3:12.47 ROBERT OLSON	51	100 M. FREE M E N 55-59		1:22.20 BILL EARLEY	58	1:19.43 ERNIE LESKOVITZ	58
3:13.73 DENNIS WEST	51	1:00.87 JEFF FARRELL	95	1:23.01 FRANK WENDELKEN	56	1:22.63 BOB BAILIE	59
3:16.31 GEORGE DODGE	50	1:00.87 JEFF FARRELL	58	1:24.14 CHRIS HIATT	55	1:24.25 C.KILBOURNE	55
50 M. FLY M E N 50-54		1:02.86 TOSHIHIRO HAYASHI	57	1:26.08 TOSHIHIRO HAYASHI	57	1:24.64 BARRY FASBENDER	58
28.05 KEEFE LODWIG	95	1:03.27 BOB BAILIE	59	1:26.85 BEN WISCKOL	55	200 M. FLY M E N 55-59	
28.05 KEEFE LODWIG	52	1:05.31 TOM ANGELL	55	1:27.39 JOHN EBERLY	57	2:48.05 ROBERT PROEBSTING	94
29.37 STEVE CLARK	52	1:05.43 WILLIAM VAN HORN	56	1:27.58 WALTER REID	55	3:05.51 TIM TIMKEN	56
29.48 RICHARD BASSI	54	1:05.58 DAVID HARRISON	57	1:28.05 KENT PRICE	57	3:07.54 MEL GOLDSTEIN	56
30.18 CHUCK GANTNER	50	1:06.59 JAMES KRUEGER	56	200 M. BACK M E N 55-59		3:15.81 ERNIE LESKOVITZ	58
30.34 ROBERT SMITH	52	1:07.78 JERRY CLARK	57	2:42.37 DON BROWN	88	3:20.36 BARRY FASBENDER	57
30.82 KARL VON TAGEN	51	1:08.20 MEL GOLDSTEIN	56	2:56.55 GEORGE QUIGLEY	55	3:43.78 C.KILBOURNE	56

# TOP TEN

## Long Course Meters

3:49.04 KEITH BARTON	56	800 M. FREE M E N 60-64	1:26.82 JOHN KORTHEUER	64	7:46.81 JOHN SULZBACH	61
3:58.74 MARK PLUMMER	59	10:34.02 GRAHAM JOHNSTON	1:31.81 JOHN BLECK	62	8:52.35 WILLIAM CANNON	64
4:06.26 ROBERT WILLIAMS	56	10:34.02 GRAHAM JOHNSTON	1:32.00 STAN MORNER	60	8:56.22 THOMAS FOLEY	61
200 M. I.M. M E N 55-59		11:50.28 GEORGE BRUNSTAD	1:33.79 BOB BEST	62	8:59.39 RICHARD FRYLING	63
2:41.64 DRURY GALLAGHER	95	11:54.44 DAVID RADCLIFF	1:33.90 JOHNNY CRAWFORD	63	*****	
2:41.64 DRURY GALLAGHER	56	12:16.87 ARTHUR WELCH	1:35.39 TAC ISERI	63	50 M. FREE M E N 65-69	
2:49.44 JEFF FARRELL	58	12:25.16 LARRY GOOD	1:35.55 TERRY CARLISLE	60	29.17 PETER POWLISON	87
2:50.49 TOM WINTERS	55	12:32.58 STAN MORNER	1:38.40 LARRY GOOD	61	30.44 CHUCK BALDWIN	65
2:53.73 DICK PETERSON	58	12:37.22 JAMES JOHNSEN	200 M. BRST M E N 60-64		30.75 DICK WEBBER	66
2:55.43 TIM TIMKEN	56	12:43.68 DAVE ANDERSON	3:06.87 BOB PATTEN	95	30.80 WILLIAM DOLAN	66
2:55.56 RONALD NAKATA	56	12:46.06 KENNETH KIMBALL	3:06.87 BOB PATTEN	61	31.89 DONALD SONIA	65
2:56.68 BILL MULLIKEN	56	12:55.82 TOM TAYLOR	3:17.29 NICK TEMPLEMAN	64	31.96 BOYD JOHNSON	67
2:58.05 TOSHIHIRO HAYASHI	57	1500 M. FREE M E N 60-64	3:20.30 JOHN KORTHEUER	64	32.17 ROBERT HERITIER	67
2:58.19 JACK HALLIDAY	58	20:04.73 GRAHAM JOHNSTON	3:25.06 JOHN BLECK	62	32.26 WILLIAM IRWIN	67
2:58.80 MEL GOLDSTEIN	56	20:04.73 GRAHAM JOHNSTON	3:30.67 STAN MORNER	60	32.39 BOB CONGELLIERE	66
400 M. I.M. M E N 55-59		22:27.02 SAM KOOISTRA	3:40.61 TOM TAYLOR	64	32.75 EDWARD EMES	66
5:48.98 DRURY GALLAGHER	95	23:59.15 MIKE MILLIMAN	3:42.73 ROBERT KUENY	64	32.90 DICK BOWER	65
5:48.98 DRURY GALLAGHER	56	24:09.39 THOMAS TAYLOR	3:43.91 BENGT STROM	62	100 M. FREE M E N 65-69	
6:19.24 MEL GOLDSTEIN	56	24:13.07 LARRY GOOD	3:44.16 MARVIN WOOD	60	1:08.15 JAMES WELCH	83
6:30.05 TIM TIMKEN	56	24:39.11 KENNETH KIMBALL	3:45.49 CHUCK WILMORE	60	1:09.19 CHUCK BALDWIN	65
6:34.69 DICK PETERSON	58	24:41.02 DAVID FORTSCH	50 M. FLY M E N 60-64		1:10.98 WILLIAM PHILLIPS	67
6:40.72 ERNIE LESKOVITZ	58	24:58.79 JOHN BLECK	31.39 WALLY DOBLER	94	1:12.33 DONALD SONIA	65
6:55.89 C.KILBOURNE	56	25:06.16 HERB KERN	34.07 HERB KERN	63	1:12.58 DICK WEBBER	66
6:57.63 BARRY FASBENDER	58	25:43.46 ROGER CAMPBELL	34.09 JOHN KORTHEUER	64	1:12.76 PETER VAN DIJK	66
7:02.91 BEN WISCKOL	55	50 M. BACK M E N 60-64	34.37 DAVE DRUM	60	1:14.79 JAMES PITTS	65
7:18.99 E.CHRISTOFF	55	33.13 YOSHI OYAKAWA	34.75 WILLIAM LAUER	60	1:15.06 WILLIAM IRWIN	67
7:20.14 JOE TESMER	55	35.53 DONALD BROWN	34.83 YU-JIN LEE	61	1:15.89 FRED TRASK	67
*****		37.68 CLARKE MITCHELL	35.78 STAN MORNER	60	1:16.03 DICK BOWER	65
50 M. FREE M E N 60-64		38.69 LLOYD SKRAMSTAD	36.06 CLARKE MITCHELL	63	1:16.07 BOYD JOHNSON	67
27.86 DONALD HILL	92	38.79 DENNY SAUNDERS	36.07 DAVID ADDLEMAN	60	200 M. FREE M E N 65-69	
30.18 DAVID RADCLIFF	61	39.19 RICHARD BENNETT	36.56 NICK TEMPLEMAN	64	2:32.90 PETER POWLISON	87
31.26 DAVID ADDLEMAN	60	40.02 YOSHI OYAKAWA	36.74 JOHN LENARD	64	2:35.27 WILLIAM PHILLIPS	67
31.36 SAM KOOISTRA	60	40.07 JOHN GOODE	100 M. FLY M E N 60-64		2:45.63 DONALD SONIA	65
31.57 DAVID DRUM	60	40.26 TERRY CARLISLE	1:14.98 WALLY DOBLER	94	2:48.90 ROBERT HERITIER	67
31.65 JOHN RIES	63	40.55 DAVID ADELMAN	1:20.44 WILLIAM LAUER	60	2:50.99 FRED TRASK	67
31.74 C.WEATHERBEE	62	40.90 GORDON GILLIN	1:23.99 BOB PATTEN	61	2:52.33 PETER VAN DIJK	66
31.87 JOHN SULZBACH	61	100 M. BACK M E N 60-64	1:26.58 STAN MORNER	60	2:52.97 WILLIAM IRWIN	67
31.89 JOE ILLICK	60	1:14.72 YOSHI OYAKAWA	1:28.07 HERB ALVARADO	60	2:58.95 JAMES PITTS	65
31.94 WALLY DOBLER	61	1:17.65 DONALD BROWN	1:28.30 HERB KERN	63	3:00.66 DICK BOWER	65
31.97 BOB BEST	62	1:24.38 YOSHI OYAKAWA	1:29.52 NICK TEMPLEMAN	64	3:00.89 W.MORGAN BYERS	67
100 M. FREE M E N 60-64		1:27.05 CLARKE MITCHELL	1:30.15 CLARKE MITCHELL	63	3:01.50 ROGER CAMPBELL	65
1:02.80 DONALD HILL	92	1:28.04 LARRY GOOD	1:32.39 DONALD RICE	61	400 M. FREE M E N 65-69	
1:08.43 SAM KOOISTRA	60	1:28.38 LLOYD SKRAMSTAD	1:32.47 JOHN LENARD	64	5:34.72 WILLIAM PHILLIPS	95
1:08.45 DAVID RADCLIFF	61	1:28.95 MIKE MILLIMAN	1:33.16 ELMER EGELKRAUT	61	5:34.72 WILLIAM PHILLIPS	67
1:08.65 WILLIAM LAUER	60	1:31.11 JOHN SULZBACH	200 M. FLY M E N 60-64		6:00.86 BOB HERITIER	66
1:10.35 DONALD BAKER	64	1:31.27 KENNETH KIMBALL	3:00.99 JOHN MASTERS	90	6:13.87 WILLIAM IRWIN	67
1:11.80 DAVID ADDLEMAN	60	1:31.86 C.WEATHERBEE	3:18.95 WILLIAM LAUER	60	6:15.81 FRED TRASK	67
1:11.83 DAVID DRUM	60	1:31.96 GORDON GILLIN	3:20.44 HERB KERN	63	6:27.83 MORRIS MATHEWS	67
1:12.29 JOHN RIES	64	200 M. BACK M E N 60-64	3:31.58 STAN MORNER	60	6:29.19 ROGER CAMPBELL	65
1:13.92 DANIEL OSBORNE	61	2:45.93 DON BROWN	3:35.48 ROBERT KUENY	64	6:34.10 JAMES PITTS	65
1:14.05 DAVE ANDERSON	63	2:50.80 DONALD BROWN	3:45.83 HERB ALVARADO	60	6:34.53 W.MORGAN BYERS	67
1:14.42 JOE ILLICK	60	3:04.04 LARRY GOOD	3:46.75 GORDON GILLIN	64	6:35.34 JORDAN WOLLE	66
200 M. FREE M E N 60-64		3:08.24 WALLY DOBLER	4:07.00 H.DONALD MESSER	64	6:35.54 DICK BOWER	65
2:23.11 DONALD HILL	92	3:10.59 MIKE MILLIMAN	4:19.10 WILLIAM CANNON	64	800 M. FREE M E N 65-69	
2:25.45 GRAHAM JOHNSTON	64	3:11.84 CLARKE MITCHELL	4:55.20 RICHARD FRYLING	63	11:33.14 WILLIAM PHILLIPS	95
2:33.09 SAM KOOISTRA	60	3:19.07 KENNETH KIMBALL	5:00.84 PICKETT SIMPSON	60	11:33.14 WILLIAM PHILLIPS	67
2:33.36 DAVID RADCLIFF	61	3:21.08 LLOYD SKRAMSTAD	200 M. I.M. M E N 60-64		12:35.59 ROBERT HERITIER	67
2:34.40 WILLIAM LAUER	60	3:22.80 CHUCK WILMORE	2:50.08 GRAHAM JOHNSTON	93	13:10.86 WILLIAM IRWIN	67
2:41.09 DAVID DRUM	60	3:26.48 LOU MCCOMAS	2:55.72 DONALD BROWN	62	13:16.25 ROGER CAMPBELL	65
2:45.71 DAVE ANDERSON	63	3:26.55 YU-JIN LEE	3:00.10 GRAHAM JOHNSTON	64	13:36.66 JAMES PITTS	65
2:45.92 JOHN RIES	64	50 M. BRST M E N 60-64	3:04.22 WILLIAM LAUER	60	13:42.37 ART TEBBENS	65
2:47.08 ELMER EGELKRAUT	61	35.91 JOHN KORTHEUER	3:06.87 LARRY GOOD	61	13:44.49 DICK BOWER	65
2:47.99 ARTHUR WELCH	62	36.55 NICK TEMPLEMAN	3:12.45 BOB BEST	62	13:46.72 FRED TRASK	67
2:49.61 JAMES JOHNSEN	60	38.40 JOHN KORTHEUER	3:13.26 HERB KERN	63	13:46.93 JORDAN WOLLE	67
400 M. FREE M E N 60-64		38.44 BOB PATTEN	3:14.68 EVERETT SMETHURST	60	14:05.05 W MORGAN BYERS	67
5:02.70 GRAHAM JOHNSTON	91	38.59 STAN MORNER	3:17.07 CLARKE MITCHELL	62	1500 M. FREE M E N 65-69	
5:04.56 GRAHAM JOHNSTON	64	40.64 BOB BEST	3:17.19 C.WEATHERBEE	62	22:29.32 WINTHROP WILLSON	92
5:38.32 SAM KOOISTRA	60	41.24 JOHNNY CRAWFORD	3:17.19 JOHN LENARD	64	23:28.19 WILLIAM PHILLIPS	67
5:39.18 WILLIAM LAUER	60	41.34 JOHN LENARD	400 M. I.M. M E N 60-64		25:17.00 FRED TRASK	67
5:40.60 DAVID RADCLIFF	61	41.35 ROBERT KIM	6:04.99 GRAHAM JOHNSTON	91	25:24.65 ROGER CAMPBELL	65
5:48.42 DAVE DRUM	60	41.41 LOU MCCOMAS	6:37.58 DONALD BROWN	62	26:09.13 DICK BOWER	65
5:50.58 ARTHUR WELCH	62	41.60 JOHN BLECK	6:48.41 WILLIAM LAUER	60	26:16.32 W MORGAN BYERS	67
5:54.09 LARRY GOOD	61	100 M. BRST M E N 60-64	7:16.38 MIKE MILLIMAN	60	26:34.54 BUD SCHUMACHER	65
5:56.02 DAVE ANDERSON	63	1:21.58 JOHN KORTHEUER	7:21.27 ROBERT KUENY	64	28:05.20 ROY HOCH	67
6:00.31 JAMES JOHNSEN	60	1:25.46 BOB PATTEN	7:23.01 CLARKE MITCHELL	63	28:21.04 HARLAN DRAKE	67
6:02.58 YOSHI OYAKAWA	61	1:25.85 NICK TEMPLEMAN	7:30.94 GORDON GILLIN	64	28:28.56 BRUNO WEBER	68



# TOP TEN

## Long Course Meters

28:31.94 LOU SILVERSTEIN 69	36.24 DONALD HUBBARD 68	1:20.06 JURGEN SCHMIDT 72	1:43.22 JAMES EDWARDS 72
50 M. BACK M E N 65-69	37.15 JOSEPH KURTZMAN 69	1:21.95 PERRY ROCKWELL 70	1:44.47 CALVIN BARNES 71
35.47 GEORGE GANDSEY 89	37.41 BOYD JOHNSON 67	1:22.91 JACK TRUBY 71	200 M. BACK M E N 70-74
37.84 PETER VAN DIJK 66	37.50 DICK WEBBER 66	1:24.08 ARTHUR KOBLISH 71	3:10.47 PAUL HUTINGER 95
38.55 WILLIAM PECKHAM 66	37.53 STANLEY PRAZER 67	1:25.00 HERB MCAULEY 72	3:10.47 PAUL HUTINGER 70
38.81 HORACE KNOWLTON 66	38.69 EDWARD EMES 66	1:25.69 JAMES EDWARDS 72	3:25.23 LEE ARTH 70
40.55 FLOYD ELIOTT 68	39.02 HERBERT NAKAMA 65	200 M. FREE M E N 70-74	3:41.66 JACK TRUBY 71
41.53 BOYD JOHNSON 67	39.37 JIM JONES 67	2:41.41 FRANK PIEMME 95	3:41.83 JERRY SAGER 70
41.57 ROBERT BLOEBAUM 68	39.58 LUMAN SUTTON 68	2:41.41 FRANK PIEMME 70	3:43.00 SAMUEL FOSTER 70
41.62 MILTON MARKS 65	100 M. FLY M E N 65-69	2:58.26 ROBERT BLAKE 70	3:44.41 JOHN WRENN 74
41.84 DALE WEBSTER 69	1:20.59 JOSEPH KURTZMAN 92	2:59.89 JERRY SAGER 70	3:44.71 GAETANO PAVONE 72
41.95 WILLIAM HAYNES 69	1:25.97 LEN GOLDSTONE 66	3:01.37 JURGEN SCHMIDT 72	3:45.79 CALVIN BARNES 71
42.53 MATTHEW FLANAGAN 69	1:29.79 JOSEPH KURTZMAN 69	3:02.70 LEE ARTH 70	3:47.17 JAMES EDWARDS 72
100 M. BACK M E N 65-69	1:39.51 ERIC GUEST 65	3:07.33 DOUG STRONG 70	3:47.24 GEORGE BRINTON 71
1:20.74 ROGER FRANKS 92	1:40.16 LARRY SVANE 65	3:07.76 JAMES EDWARDS 72	50 M. BRST M E N 70-74
1:25.22 HORACE KNOWLTON 66	1:40.19 DONALD HUBBARD 68	3:10.73 FRED TAIOLI 74	40.77 BARTON GREENBERG 95
1:26.29 PETER VAN DIJK 66	1:40.74 HERBERT NAKAMA 65	3:11.28 JOHN FLORANCE 72	40.77 BARTON GREENBERG 71
1:29.19 BOB MCLELLAN 69	1:41.38 JIM JONES 67	3:13.48 GILBERT YOUNG 73	43.88 GEORGE MELICK 70
1:32.45 FLOYD ELIOTT 68	1:41.48 GEORGE LUSTIG 66	400 M. FREE M E N 70-74	45.01 LAWRENCE GALLAHER 70
1:32.82 WILLIAM HAYNES 69	1:42.66 DON KORTEN 68	5:48.08 FRANK PIEMME 95	46.11 LEE ARTH 70
1:33.28 DALE WEBSTER 69	1:44.21 LUMAN SUTTON 68	5:48.08 FRANK PIEMME 70	46.84 JOHN EMANUEL 70
1:35.06 LUMAN SUTTON 68	200 M. FLY M E N 65-69	6:25.80 LEE ARTH 70	47.58 JOHN STERN 71
1:35.32 DON KORTEN 68	3:08.79 JOSEPH KURTZMAN 91	6:29.95 JURGEN SCHMIDT 72	48.72 RAYMOND HAKOMAKI 74
1:35.52 HAROLD DESMIDT 66	3:11.72 LEN GOLDSTONE 66	6:32.78 ARTHUR KOBLISH 71	48.88 BOB MORRISON 74
1:37.65 MATTHEW FLANAGAN 69	3:33.40 JOSEPH KURTZMAN 69	6:35.99 FRED TAIOLI 74	50.96 NORMAN GARSOE 71
200 M. BACK M E N 65-69	3:41.69 DONALD VAN ROSSEN 66	6:37.99 JERRY SAGER 70	51.17 RAY GILLILAND 72
2:55.46 ROGER FRANKS 92	3:53.88 LARRY SVANE 65	6:40.87 DOUG STRONG 70	100 M. BRST M E N 70-74
3:10.89 HORACE KNOWLTON 66	4:02.25 WILLIAM CANNON 65	6:42.74 ROBERT BLAKE 70	1:33.20 BENNETT ALLEN 84
3:15.87 FLOYD ELIOTT 68	4:05.24 DUDLEY TARTON 65	6:50.40 GILBERT YOUNG 73	1:33.60 FRANK PIEMME 70
3:16.99 PETER VAN DIJK 66	4:21.48 ART KELLEY 69	6:53.37 JAMES EDWARDS 72	1:35.95 BARTON GREENBERG 71
3:24.33 CHARLES MOSS 67	4:25.09 MILT BRIER 67	800 M. FREE M E N 70-74	1:41.06 GEORGE MELICK 70
3:28.35 HAROLD DESMIDT 66	4:41.15 LOU SILVERSTEIN 69	12:03.73 FRANK PIEMME 95	1:41.91 LEE ARTH 70
3:30.67 LUMAN SUTTON 68	4:46.20 JOHN BAUMAN 65	12:03.73 FRANK PIEMME 70	1:45.07 KEITH CARTER 70
3:31.27 DALE WEBSTER 69	200 M. I.M. M E N 65-69	13:10.29 LEE ARTH 70	1:45.92 LAWRENCE GALLAHER 70
3:36.67 DON KORTEN 68	2:57.61 CHARLES MOSS 93	13:28.54 FRED TAIOLI 74	1:49.39 JOHN STERN 71
3:39.43 LOU SILVERSTEIN 69	3:10.38 LEN GOLDSTONE 66	13:30.82 JURGEN SCHMIDT 72	1:49.64 RAYMOND HAKOMAKI 74
3:40.33 W.MORGAN BYERS 67	3:17.70 HORACE KNOWLTON 66	14:15.21 GILBERT YOUNG 73	1:54.63 NORMAN GARSOE 71
50 M. BRST M E N 65-69	3:22.62 LUMAN SUTTON 68	14:18.70 ROBERT BLAKE 70	1:58.43 JURGEN SCHMIDT 72
38.28 JOSEPH KURTZMAN 91	3:28.75 MILT BRIER 67	14:22.51 DOUG STRONG 70	200 M. BRST M E N 70-74
39.95 CHUCK BALDWIN 65	3:29.37 DON KORTEN 68	14:36.38 JIM EDWARDS 72	3:30.82 FRANK PIEMME 95
40.96 DONALD VAN ROSSEN 66	3:30.17 ERIC GUEST 65	14:51.38 GLYNN JONES 70	3:30.82 FRANK PIEMME 70
42.10 MILTON MARKS 65	3:30.80 HERBERT NAKAMA 65	15:44.62 TOM MC CALL 72	3:33.54 BARTON GREENBERG 71
42.13 F.H. TED HAARTZ 67	3:32.51 DONALD VAN ROSSEN 66	1500 M. FREE M E N 70-74	3:37.57 LEE ARTH 70
42.18 GENE SAPPER 65	3:36.82 FRANCIS MCAREE 65	23:03.23 FRANK PIEMME 95	3:44.78 PAUL HUTINGER 70
42.70 MORRIS MATHEWS 67	3:37.30 LARRY SVANE 65	23:03.23 FRANK PIEMME 70	4:03.19 NORMAN GARSOE 71
42.98 DAN GRUENDER 65	400 M. I.M. M E N 65-69	24:42.68 LEE ARTH 70	4:04.28 GEORGE MELICK 70
43.14 JOSEPH KURTZMAN 69	6:25.02 CHARLES MOSS 93	25:48.94 JURGEN SCHMIDT 72	4:11.94 TOM MC CALL 72
43.21 MATTHEW FLANAGAN 69	6:47.39 LEN GOLDSTONE 66	26:39.78 JAMES EDWARDS 72	4:14.10 RAYMOND HAKOMAKI 74
43.69 HERBERT NAKAMA 65	6:56.20 CHARLES MOSS 67	26:44.64 FRED TAIOLI 74	4:15.17 JOHN STERN 71
100 M. BRST M E N 65-69	7:12.96 HORACE KNOWLTON 66	27:18.99 GILBERT YOUNG 73	4:18.59 JOHN WRENN 74
1:28.91 JOSEPH KURTZMAN 91	7:22.02 FRED BARTLETT 65	27:56.16 ROBERT BLAKE 70	50 M. FLY M E N 70-74
1:32.90 CHUCK BALDWIN 65	7:26.59 LUMAN SUTTON 68	28:24.29 GLYNN JONES 70	34.40 FRANK PIEMME 95
1:34.58 DONALD VAN ROSSEN 66	7:46.32 MILTON MARKS 65	29:59.67 JOHN WRENN 74	34.40 FRANK PIEMME 70
1:34.86 F.H. TED HAARTZ 67	7:54.23 DONALD VAN ROSSEN 66	30:18.48 BOB ACKER 74	37.27 PAUL HUTINGER 70
1:37.33 MORRIS MATHEWS 67	8:14.80 LOU SILVERSTEIN 68	50 M. BACK M E N 70-74	37.50 PERRY ROCKWELL 70
1:38.81 DAN GRUENDER 65	8:18.71 WILLIAM CANNON 65	37.10 PAUL HUTINGER 95	38.05 JURGEN SCHMIDT 72
1:39.13 HORACE KNOWLTON 65	8:19.33 JOHN DAILY 67	37.10 PAUL HUTINGER 70	38.58 KEITH CARTER 70
1:39.26 JOSEPH KURTZMAN 69	*****	42.22 CALVIN BARNES 71	40.73 FRED ROBERTSON 74
1:39.57 LARRY SVANE 65	50 M. FREE M E N 70-74	43.02 GEORGE BRINTON 71	42.96 LAWRENCE GALLAHER 70
1:40.98 M.FLANAGAN 69	29.35 KELLEY LEMMON 84	43.65 JACK TRUBY 71	43.01 LEE ARTH 70
1:41.67 GENE SAPPER 65	31.08 FRANK PIEMME 70	44.23 GAETANO PAVONE 72	43.15 JOHN STERN 71
200 M. BRST M E N 65-69	32.28 ROBERT BLAKE 70	45.54 JERRY SAGER 70	43.87 HERB MCAULEY 72
3:24.00 BARTON GREENBERG 91	32.81 JOHN FLORANCE 72	45.57 SAMUEL FOSTER 70	100 M. FLY M E N 70-74
3:33.77 F.H. TED HAARTZ 67	33.73 PERRY ROCKWELL 70	46.16 EARL WALTER 74	1:31.95 FRANK PIEMME 95
3:39.99 CHARLES MOSS 67	33.95 KEITH CARTER 70	46.82 GEORGE MELICK 70	1:31.95 FRANK PIEMME 70
3:41.98 MORRIS MATHEWS 67	34.24 JACK TRUBY 71	46.84 JIM EDWARDS 73	1:36.22 KEITH CARTER 70
3:45.32 DAN GRUENDER 65	34.50 JURGEN SCHMIDT 72	100 M. BACK M E N 70-74	1:44.18 JURGEN SCHMIDT 72
3:48.47 MILTON MARKS 65	35.14 FRED ROBERTSON 74	1:24.14 PAUL HUTINGER 95	1:47.58 ARTHUR KOBLISH 71
3:48.57 BOB DANIELSON 65	35.53 LOUIS GIBERSON 74	1:24.14 PAUL HUTINGER 70	1:49.13 LEE ARTH 70
3:48.92 FRED BARTLETT 65	36.41 DORE SCHWAB 73	1:36.38 GEORGE BRINTON 71	1:49.29 PERRY ROCKWELL 70
3:57.36 STEVE BROOKS 65	100 M. FREE M E N 70-74	1:38.97 JERRY SAGER 70	1:56.23 EARL WALTER 74
3:57.41 GENE SAPPER 65	1:10.16 FRANK PIEMME 95	1:39.67 JACK TRUBY 71	1:56.28 JOHN STERN 71
4:01.08 WILLIAM CANNON 65	1:10.16 FRANK PIEMME 70	1:39.73 LEE ARTH 70	1:57.68 LAWRENCE GALLAHER 70
50 M. FLY M E N 65-69	1:14.72 ROBERT BLAKE 70	1:40.64 GAETANO PAVONE 72	1:59.78 ROBERT MCKEAGUE 70
33.39 FRANK PIEMME 90	1:18.24 JOHN FLORANCE 72	1:41.74 SAMUEL FOSTER 70	200 M. FLY M E N 70-74
34.79 CHUCK BALDWIN 65	1:19.48 JERRY SAGER 70	1:41.92 EARL WALTER 74	3:39.04 ANDREW HOLDEN 90

# TOP TEN

## Long Course Meters

3:42.26 FRANK PIEMME	70	7:14.67 BARNET PHILLIPS	77	100 M. BRST M E N 75-79	43.09 WILLIAM GRANT	81
3:46.04 LEE ARTH	70	7:22.09 JIM WELCH	77	1:39.62 ALDO DA ROSA	43.89 DES SESSINGHAUS	81
3:50.91 KEITH CARTER	70	7:24.89 AUSTIN NEWMAN	79	1:45.84 BOB MERRICK	43.97 JOHN WHITTIER	80
3:54.72 ARTHUR KOBLISH	71	7:38.58 ROBERT JOHNSTON	78	1:50.22 ANTON CERER	44.40 GENE CROSSETT	81
4:48.98 DOUG STRONG	70	7:44.72 LYNN SURLS	78	1:52.62 PAUL KRUP	100 M. FREE M E N 80-84	
5:03.75 VAL OUCHAKOF	71	7:46.83 GEORGE HUBBELL	75	1:56.85 BUD JACKSON	1:22.50 WOODROW BOWERSOCK93	
5:21.01 HOWARD STOKER	70	7:55.20 BUD JACKSON	75	2:01.11 E.DON MCCULLOUGH	1:22.99 WOODROW BOWERSOCK 81	
6:14.01 JAY CHARLES	72	800 M. FREE M E N 75-79		2:09.84 ROBERT JOHNSTON	1:26.09 OBEL JAMES	80
7:46.60 T.R. JOHNSON	73	12:58.14 RAY TAFT	95	2:11.95 BILL EIBL	1:30.94 EDWARD NAKAMURA	81
10:47.45 ROBERT HALL	74	12:58.14 RAYMOND TAFT	76	2:16.55 P.HOLTZENDORF	1:39.11 J.B.MATTINGLY	81
200 M. I.M. M E N 70-74		14:30.96 BOB MERRICK	75	2:18.60 JOHN HUB	1:40.89 JOHN WHITTIER	80
3:11.42 RAY TAFT	89	14:36.47 RICHARD SMITH	75	2:21.62 JOHN BROUK	1:43.69 ALLAN DELAY	80
3:11.55 FRANK PIEMME	70	15:25.41 DICK GUIDO	78	200 M. BRST M E N 75-79	1:46.23 DES SESSINGHAUS	81
3:27.60 LEE ARTH	70	15:50.07 JOHN BRICKER	75	3:42.85 ALDO DA ROSA	1:49.38 GENE CROSSETT	81
3:34.52 JURGEN SCHMIDT	72	16:30.44 FRANK MURPHY	77	3:52.63 BOB MERRICK	1:50.06 WILLIAM GRANT	81
3:50.14 JOHN EMANUEL	70	17:46.88 HARRY BARTLETT	79	4:08.68 PAUL KRUP	1:51.07 JIM TRIOLO	81
3:50.28 PERRY ROCKWELL	70	19:14.75 MARTIN KILLORY	76	4:22.01 E.DON MCCULLOUGH	200 M. FREE M E N 80-84	
3:53.19 JOHN WRENN	74	19:19.27 LLOYD WALKER	79	5:06.57 JOHN BROUK	3:21.59 DEXTER WOODFORD	94
3:55.08 ARTHUR KOBLISH	71	1500 M. FREE M E N 75-79		6:39.40 JIMMY CHOY	3:28.31 OBEL JAMES	80
3:58.37 CALVIN BARNES	71	24:53.76 RAY TAFT	95	50 M. FLY M E N 75-79	3:29.34 EDWARD NAKAMURA	81
3:58.59 LAWRENCE GALLAHER	70	24:53.76 RAYMOND TAFT	75	37.57 RAY TAFT	3:36.25 WOODROW BOWERSOCK 81	
3:58.93 RAY WAGEMAN	70	27:34.49 RICHARD SMITH	75	39.02 ANDREW HOLDEN	3:50.18 JOHN WHITTIER	80
400 M. I.M. M E N 70-74		28:32.04 ROBERT JOHNSTON	78	40.60 RAY TAFT	3:55.03 GENE CROSSETT	81
6:52.07 FRANK PIEMME	95	29:21.60 BOB MERRICK	75	44.87 PAUL KRUP	3:57.07 J.B.MATTINGLY	81
6:52.07 FRANK PIEMME	70	32:08.23 FRANK MURPHY	77	45.48 BOB MERRICK	4:03.02 DES SESSINGHAUS	81
7:11.08 LEE ARTH	70	34:28.53 JOHN WOODS	75	47.24 BOB CHRISTIANS	4:11.77 DAVE MALBROUGH	82
8:05.62 KEITH CARTER	70	34:48.09 LLOYD WALKER	78	49.40 RICHARD SMITH	4:17.38 WILL SOMPAYRAC	81
8:20.61 JOHN WRENN	74	35:48.31 FRED WRIGHT	79	51.28 WILLIAM JOHNSTON	4:22.53 CHAS O'CONNOR	82
8:35.18 EARL WALTER	74	50 M. BACK M E N 75-79		51.66 JOHN BRICKER	400 M. FREE M E N 80-84	
9:10.51 LAWRENCE GALLAHER	70	39.49 RAY TAFT	94	55.76 CLIFFORD CROOME	7:23.09 GUS LANGNER	83
9:13.28 DOUG STRONG	70	40.29 RAYMOND TAFT	76	57.64 HARRY HOWELL	7:32.77 OBEL JAMES	80
9:46.09 BOB ACKER	74	45.58 JOHN BRICKER	75	100 M. FLY M E N 75-79	7:42.04 EDWARD NAKAMURA	80
10:15.34 HOWARD STOKER	70	45.96 HARRY LIBEK	76	1:39.80 ANTON CERER	8:22.86 GARY WEISENTHAL	81
10:42.70 AL ROGERSON	70	46.34 ANDREW HOLDEN	76	1:40.74 ANDREW HOLDEN	8:25.37 GENE CROSSETT	81
*****		47.20 ROBERT CHRISTIANS	79	1:41.81 RAYMOND TAFT	8:28.54 WOODROW BOWERSOCK 82	
50 M. FREE M E N 75-79		48.65 BRION WINSHIP	77	1:55.64 PAUL KRUP	8:37.93 JIM TRIOLO	81
32.50 LYLE COLLET	83	50.18 JOHN FREY	75	1:56.35 RICHARD SMITH	9:06.56 WILL SOMPAYRAC	81
33.55 RAYMOND TAFT	76	50.20 A.VANDE WEGHE	79	2:10.84 WILLIAM JOHNSTON	9:17.73 TREVOR ROE	80
34.48 ANDREW HOLDEN	76	51.66 ALBERT HESS	76	2:16.66 E.DON MCCULLOUGH	9:34.73 JOE IRVINE	84
36.55 LYNN SURLS	78	52.28 BILL EIBL	78	3:48.77 MEL ANDERSON	9:41.00 LEONARD BRISCOE	83
36.89 BARNET PHILLIPS	77	100 M. BACK M E N 75-79		200 M. FLY M E N 75-79	800 M. FREE M E N 80-84	
36.93 BOB CHRISTIANS	79	1:29.52 RAY TAFT	95	3:43.56 ANTON CERER	15:45.20 DEXTER WOODFORD	94
37.07 JERRY SIEFERT	77	1:29.52 RAYMOND TAFT	76	4:01.71 GERALD HUESTIS	17:20.08 HERBERT HOWE	83
37.30 BILL ODMAN	76	1:40.33 JOHN BRICKER	75	4:29.63 PAUL KRUP	17:52.04 JIM TRIOLO	81
38.09 GUS CLEMENS	77	1:42.41 ANDREW HOLDEN	76	4:36.93 RICHARD SMITH	18:12.15 GARY WEISENTHAL	81
38.26 BOB MERRICK	75	1:44.91 BOB MERRICK	75	4:37.74 JOHN BRICKER	18:23.92 WOODROW BOWERSOCK 82	
39.11 WILLIAM JOHNSTON	77	1:49.20 JIMMY CHOY	75	4:51.56 E.DON MCCULLOUGH	19:51.23 TREVOR ROE	80
100 M. FREE M E N 75-79		1:49.85 BRION WINSHIP	77	6:19.10 WILLIAM JOHNSTON	23:53.08 ROY BODINE	84
1:13.84 RAY TAFT	95	1:56.18 JERRY SIEFERT	77	200 M. I.M. M E N 75-79	28:12.12 LOUIS ROSENAUR	82
1:13.84 RAYMOND TAFT	75	1:58.04 BILL EIBL	78	3:24.38 RAY TAFT	28:39.60 LARRY HART	83
1:19.50 ANDREW HOLDEN	76	2:00.31 HARRY HOWELL	77	3:24.38 RAY TAFT	31:18.98 STACY VAN PETTEN	83
1:23.73 BOB MERRICK	75	2:04.23 WILLIAM PATTEN	77	3:38.30 GERALD HUESTIS	1500 M. FREE M E N 80-84	
1:25.09 BARNET PHILLIPS	77	200 M. BACK M E N 75-79		3:43.35 ANTON CERER	28:54.95 GUS LANGNER	83
1:26.27 BILL ODMAN	76	3:15.00 RAY TAFT	94	3:44.04 BOB MERRICK	29:33.98 EDWARD NAKAMURA	81
1:29.63 JIM WELCH	77	3:15.00 RAY TAFT	75	3:58.16 RICHARD SMITH	32:49.55 HERBERT HOWE	83
1:30.54 LYNN SURLS	78	3:39.20 HARRY LIBER	76	4:02.00 BOB CHRISTIANS	33:17.48 GARY WEISENTHAL	81
1:30.71 AUSTIN NEWMAN	79	3:42.31 JOHN BRICKER	75	4:13.77 GEORGE HUBBELL	34:20.45 WOODROW BOWERSOCK 82	
1:31.35 JERRY SIEFERT	77	3:48.10 GERALD HUESTIS	75	4:14.45 ROBERT JOHNSTON	34:34.41 JIM TRIOLO	81
1:31.49 GUS CLEMENS	77	4:01.17 BRION WINSHIP	77	4:23.60 DICK GUIDO	34:56.00 DES SESSINGHAUS	81
200 M. FREE M E N 75-79		4:02.16 BOB MERRICK	75	4:30.93 E.DON MCCULLOUGH	38:22.56 TREVOR ROE	80
2:51.62 RAY TAFT	95	4:25.17 GEORGE HUBBELL	75	400 M. I.M. M E N 75-79	38:36.95 JOE IRVINE	84
2:51.62 RAYMOND TAFT	75	4:30.57 HARRY HOWELL	77	7:21.75 RAY TAFT	42:13.88 GERALD MEYER	80
3:06.75 GERALD HUESTIS	75	4:36.78 CLIFF CROOME	78	7:21.75 RAYMOND TAFT	44:30.51 JOSEPH RUDDLEY	80
3:12.37 BOB MERRICK	75	4:45.46 WILLIAM PATTEN	77	8:14.84 GERALD HUESTIS	50 M. BACK M E N 80-84	
3:19.90 BARNET PHILLIPS	77	50 M. BRST M E N 75-79		8:26.03 RICHARD SMITH	44.79 EDWARD SHEA	95
3:20.08 RICHARD SMITH	75	43.61 BENNETT ALLEN	89	9:30.97 E.DON MCCULLOUGH	44.79 EDWARD SHEA	80
3:21.47 JIM WELCH	77	46.74 BOB MERRICK	75	11:01.40 WILLIAM JOHNSTON	50.91 HANS KOLB	80
3:24.10 AUSTIN NEWMAN	79	46.85 PAUL KRUP	77	*****	51.64 DAVE MALBROUGH	82
3:31.47 ROBERT JOHNSTON	78	51.48 BUD JACKSON	75	50 M. FREE M E N 80-84	52.37 OBEL JAMES	80
3:34.81 GUS CLEMENS	77	52.90 P.HOLTZENDORF	75	33.88 WOODROW BOWERSOCK93	53.06 JIM TRIOLO	81
3:36.06 BILL ODMAN	76	53.80 JOPALU STEINER	79	35.14 WOODROW BOWERSOCK 81	53.43 WILLIAM GRANT	81
400 M. FREE M E N 75-79		53.92 ANDREW HOLDEN	76	36.92 OBEL JAMES	54.01 JOHN WHITTIER	80
6:20.87 RAY TAFT	94	55.08 JOHN BROUK	78	37.85 EDWARD NAKAMURA	56.51 WOODROW BOWERSOCK 82	
6:26.68 RAYMOND TAFT	76	56.93 HARRY HOWELL	77	39.91 EDWIN WOLPAW	56.78 GEORGE MARTIN	84
7:05.59 RICHARD SMITH	75	57.16 DON GINGRAS	76	41.32 GARY WEISENTHAL	1:00.28 EDWIN WOLPAW	80
7:06.81 BOB MERRICK	75	58.91 TOM WEIR	79	42.73 ALLAN DE LAY	100 M. BACK M E N 80-84	

# TOP TEN

## Long Course Meters

1:41.52 EDWARD SHEA	95	4:09.42 WALT PFEIFFER	81	6:17.11 DON NEEFE	86	6:53.87 ANDREW KALLUNKI	91
1:41.52 EDWARD SHEA	80	4:43.56 WOODROW BOWERSOCK	81	50 M. BRST M E N 85-89		7:13.52 GUS LANGNER	92
1:56.73 OBEL JAMES	80	4:44.86 WILLIAM GRANT	81	1:01.47 AL KALLUNKI	89	200 M. I.M. M E N 90-94	
1:58.80 HANS KOLB	80	5:01.37 JACK MATTINGLY	81	1:00.66 WILLIAM MOLLOY	85NV	7:23.22 ANDREW KALLUNKI	95
2:01.25 WILL SOMPAYRAC	81	5:13.41 JESSE COON	84	1:02.86 JIM PENFIELD	87	7:23.22 ANDREW KALLUNKI	91
2:03.35 JIM TRIOLO	81	6:03.16 ROY BODINE	84	1:37.87 WILLIAM DUFFY	87	*****	
2:04.26 DAVE MALBROUGH	82	6:28.17 GERALD MEYER	80	1:44.83 JOHN MAXWELL	87	50 M. FREE M E N 95-99	
2:05.85 JOHN WHITTIER	80	8:47.50 HENRY STEINBISS	82	100 M. BRST M E N 85-89		1:20.52 TOM LANE	89
2:07.84 CHAS O'CONNOR	82	400 M. I.M. M E N 80-84		2:20.99 WILLIAM MOLLOY	95	1:41.72 JOHN WHITEMORE	95
2:08.72 WOODROW BOWERSOCK	82	8:45.17 WALTER PFEIFFER	94	2:20.99 WILLIAM MOLLOY	85	100 M. FREE M E N 95-99	
2:18.98 JOHN GLENN	84	9:09.90 WALT PFEIFFER	81	4:14.45 WILLIAM DUFFY	87	3:30.59 TOM LANE	92
200 M. BACK M E N 80-84		11:26.46 JESSE COON	84	200 M. BRST M E N 85-89		NO SWIMMERS	
3:42.95 EDWARD SHEA	95	11:31.09 JACK MATTINGLY	81	5:35.03 AL KALLUNKI	89	50 M. BACK M E N 95-99	
3:42.95 EDWARD SHEA	80	*****		NO SWIMMERS		1:18.91 TOM LANE	89
4:16.60 HANS KOLB	80	50 M. FREE M E N 85-89		50 M. FLY M E N 85-89		NO SWIMMERS	
4:27.16 JIM TRIOLO	81	42.09 FRANK BRASINGTON	93	1:04.63 JIM PENFIELD	95	100 M. BACK M E N 95-99	
4:31.78 WILL SOMPAYRAC	81	45.43 WILLIAM MOLLOY	85	1:04.63 JIM PENFIELD	87	3:19.14 TOM LANE	92
4:37.12 JOHN WHITTIER	80	48.17 FRANK BELLAIRE	85	100 M. FLY M E N 85-89		NO SWIMMERS	
4:53.96 WILLIAM GRANT	81	49.69 JIM PENFIELD	87	3:23.06 ABE OLANOFF	91	50 M. BRST M E N 95-99	
5:06.22 GEORGE BATKI	83	50.05 C.SUNDERLAND	86	NO SWIMMERS		2:03.52 TOM LANE	89
5:16.30 JOHN GLENN	84	50.50 FRANK BRASINGTON	87	200 M. I.M. M E N 85-89		NO SWIMMERS	
5:19.55 ROY ERLANDSON	81	52.95 DAVID MC AFEE	86	5:32.99 JIM PENFIELD	93	*****	
5:41.88 ROY BODINE	84	58.01 LEE STARR	86	6:03.79 JIM PENFIELD	87	50 M. FREE M E N 100-104	
50 M. BRST M E N 80-84		1:00.00 JOHN MAXWELL	87	6:59.87 PETER JURCZYK	89	1:40.46 TOM LANE	94
46.99 BENNETT ALLEN	94	1:01.97 DON NEEFE	86	400 M. I.M. M E N 85-89		NO SWIMMERS	
54.89 EDWIN WOLPAW	80	1:05.92 JOSEPH HERMELIN	85	12:27.27 ABE OLANOFF	91	100 M. FREE M E N 100-104	
54.95 EDWARD NAKAMURA	80	100 M. FREE M E N 85-89		NO SWIMMERS		4:05.98 TOM LANE	94
55.47 WILLIAM GRANT	81	1:43.03 GUS LANGNER	88	*****		4:25.98 TOM LANE	10
1:00.31 ALLAN DE LAY	80	1:54.63 TEX ROBERTSON	86	50 M. FREE M E N 90-94		50 M. BACK M E N 100-104	
1:02.17 RAY EDELHOFF	82	1:58.04 C.SUNDERLAND	86	48.70 GUS LANGNER	93	1:50.73 TOM LANE	94
1:07.07 JOHN GLENN	84	1:59.17 FRANK BELLAIRE	85	54.70 GUS LANGNER	91	2:05.54 TOM LANE	10
1:08.88 LARRY HART	83	2:02.38 DAVID MC AFEE	86	59.66 JOE KAUFMAN	90	100 M. BACK M E N 100-104	
1:08.98 HANS KOLB	80	2:03.07 WILLIAM MOLLOY	85	1:06.08 AL KALLUNKI	90	4:13.84 TOM LANE	94
1:10.92 OTTO HAHN	82	2:13.25 FRANK BRASINGTON	87	100 M. FREE M E N 90-94		NO SWIMMERS	
1:15.61 JOHN WHITTIER	80	2:17.96 CHARLES WOOD	87	1:57.91 GUS LANGNER	93	200 M. BACK M E N 100-104	
100 M. BRST M E N 80-84		2:31.71 DON NEEFE	86	2:14.88 GUS LANGNER	91	9:04.31 TOM LANE	94
1:52.21 BENNETT ALLEN	94	2:38.79 JOHN MAXWELL	87	2:18.31 JOE KAUFMAN	90	NO SWIMMERS	
2:02.58 JERRY EVERALL	80	3:02.50 JOSEPH HERMELIN	85	200 M. FREE M E N 90-94			
2:31.17 HANS KOLB	80	200 M. FREE M E N 85-89		4:28.34 GUS LANGNER	93		
2:31.43 WILLIAM GRANT	81	3:48.91 GUS LANGNER	88	5:07.74 JOE KAUFMAN	90		
2:36.15 ALLAN DELAY	80	4:20.35 C.SUNDERLAND	86	5:11.53 GUS LANGNER	92		
2:36.69 RAY EDELHOFF	82	4:27.05 DAVID MC AFEE	86	6:13.40 AL KALLUNKI	90		
2:45.18 LARRY HART	83	4:28.64 TEX ROBERTSON	86	400 M. FREE M E N 90-94			
2:58.38 JOHN GLENN	84	6:08.10 DON NEEFE	86	9:44.11 GUS LANGNER	93		
2:59.83 OTTO HAHN	82	6:38.75 JOSEPH HERMELIN	85	10:46.29 GUS LANGNER	91		
3:01.92 ROY BODINE	84	400 M. FREE M E N 85-89		13:52.28 A.KALLUNKI	91		
3:05.74 EVERETT CASSELL	82	8:14.50 GUS LANGNER	88	800 M. FREE M E N 90-94			
200 M. BRST M E N 80-84		10:17.29 CHARLES WOOD	87	20:13.74 GUS LANGNER	93		
4:17.62 WALTER PFEIFFER	94	14:35.79 JOSEPH HERMELIN	85	23:10.55 GUS LANGNER	92		
4:49.60 JERRY EVERALL	80	800 M. FREE M E N 85-89		1500 M. FREE M E N 90-94			
6:14.07 LARRY HART	83	17:11.21 GUS LANGNER	88	36:47.02 GUS LANGNER	93		
6:37.04 JOHN GLENN	84	NO SWIMMERS		48:52.42 GUS LANGNER	92		
7:17.46 GEORGE BATKI	83	1500 M. FREE M E N 85-89		50 M. BACK M E N 90-94			
7:17.57 EVERETT CASSELL	82	33:08.42 GUS LANGNER	89	1:10.27 AL KALLUNKI	94		
8:10.38 HENRY STEINBISS	82	NO SWIMMERS		1:13.80 ANDREW KALLUNKI	91		
50 M. FLY M E N 80-84		50 M. BACK M E N 85-89		1:15.95 JOE KAUFMAN	90		
49.28 WALTER PFEIFFER	94	58.07 JIM PENFIELD	93	1:32.69 GUS LANGNER	91		
51.57 J.B.MATTINGLY	81	1:02.68 JIM PENFIELD	87	100 M. BACK M E N 90-94			
51.88 WILLIAM GRANT	81	1:04.72 LEE STARR	86	2:41.86 JOE KAUFMAN	95		
53.52 EDWIN WOLPAW	80	1:27.05 DON NEEFE	86	2:41.86 JOE KAUFMAN	90		
56.14 WOODROW BOWERSOCK	81	1:29.91 JOHN MAXWELL	87	2:55.14 ANDREW KALLUNKI	91		
57.93 JESSE COON	84	1:32.74 WILLIAM DUFFY	87	3:21.15 GUS LANGNER	92		
1:23.66 ROY BODINE	84	1:38.51 HARRY JAGGERS	88	200 M. BACK M E N 90-94			
1:32.51 GERALD MEYER	80	1:43.26 JAMES GREENWOOD	86	5:43.96 JOE KAUFMAN	95		
100 M. FLY M E N 80-84		100 M. BACK M E N 85-89		5:43.96 JOE KAUFMAN	90		
1:58.99 WALTER PFEIFFER	94	2:07.06 JIM PENFIELD	93	7:41.22 A.KALLUNKI	91		
2:17.04 WILLIAM GRANT	81	2:17.72 JIM PENFIELD	87	50 M. BRST M E N 90-94			
2:22.52 J.B.MATTINGLY	81	2:23.91 LEE STARR	86	1:16.01 ANDREW KALLUNKI	95		
2:51.40 JESSE COON	84	2:34.82 PETER JURCZYK	89	1:16.01 ANDREW KALLUNKI	91		
3:16.04 ROY BODINE	84	2:52.72 DON NEEFE	86	1:30.84 GUS LANGNER	92		
3:56.46 OTTO HAHN	82	3:59.60 HARRY JAGGERS	88	100 M. BRST M E N 90-94			
200 M. FLY M E N 80-84		200 M. BACK M E N 85-89		3:09.64 GUS LANGNER	93		
4:31.96 WALTER PFEIFFER	94	4:43.49 JIM PENFIELD	93	3:07.51 AL KALLUNKI	90NV		
6:15.25 JESSE COON	84	5:21.47 LEE STARR	86	3:33.74 GUS LANGNER	91		
200 M. I.M. M E N 80-84		5:36.88 PETER JURCZYK	89	200 M. BRST M E N 90-94			
4:01.29 WALTER PFEIFFER	94	5:51.21 TEX ROBERTSON	86	6:24.54 GUS LANGNER	93		

# TOP TEN

## Long Course Meters

\*\*\*\*\*  
 RELAYS: WOMEN 200 M. FREE  
 \*\*\*\*\*

76 - 99

R:UNIV SAN FRAN 92 1:59.29  
 CYNTHIA HINSHAW  
 JANET HAUER  
 NATALIE EFFA  
 BRENDA WICKLUND  
 SANTA CLARA 2:04.55  
 CHELSEA KNAPP 25  
 LAURA VILAE 20  
 E.THUNEN-FRENCH 20  
 KATHRIN LAMMERS 25  
 DAVIS AQUATIC 2:05.79  
 JENNIFER LUNDMARK 29  
 TRACY KNORR 25  
 CHRISTINE SCHULTZ 24  
 TATE BIRNIE 20  
 CRAW 2:13.29  
 M. BERGERON 23  
 ROBIN ROBINSON 24  
 GINA LEGGIO 22  
 CLAIRE ORR 19

100-119

R:OREGON 92 1:52.47  
 SHANNON HERINGER  
 GRACIE GODDARD  
 LEISSA MILLS  
 LINDA FINLEY  
 WALNUT CREEK 2:00.51  
 KATHLEEN HARTNETT 23  
 KIM MORGAN 29  
 PENNY LEACH 32  
 MICHELLE GHIGGERI 26  
 DAVIS AQUATIC 2:08.51  
 CHRISTINE SCHULTZ 24  
 TRACY KNORR 25  
 JENNIFER COLLINS 26  
 JENNIFER LUNDMARK 29  
 VENICE 2:08.53  
 NELL REGAN 25  
 CAROLE SHIGAKI 40  
 TERI ELLIS 27  
 ROBIN GARINGER 22  
 CRESCENT HILL 2:10.33  
 JANET ZELLER 32  
 J.MICHELLE WARD 26  
 BRIDGET NASTASI 28  
 GINA MARIE GATTI 32  
 ARIZONA MASTERS 2:14.62  
 SARAH WILLIAMS 22  
 CAROLE FUNK 35  
 COLLEEN JEFFERIES 27  
 LAURA STEPANEK 24  
 ILLINOIS MASTER 2:14.91  
 BRANDY MAYBERRY 23  
 JANIS STEELE 34  
 CARYN SCHULTZ 20  
 SARAH CREVE 34  
 WALNUT CREEK 2:15.43  
 SUZY CURLEY 23  
 JAMIE BAKER 24  
 JENNIFER GRAY 23  
 CHRIS COLYER 30  
 OREGON MASTERS 2:16.61  
 SPRING SAMUELSON 31  
 CATHY NEWMAN 31  
 BETH CUTRER 27  
 SIOBHAN BRILEY 30  
 CRAW 2:51.34  
 MURIEL RABALAIS 27  
 TRACEY SHEESBY 30  
 KERRY KAPPES 26  
 ELLEN YOUNG 35

120-159

R:LONE STAR 87 1:53.05  
 MONICA BURK  
 BRIGITTE HEUER  
 L. MORRISON-CASEY  
 JACKI HIRSTY  
 WALNUT CREEK 1:57.23  
 PENNY LEACH 32  
 PAULA ROEMER 34  
 MINDY HAMWAY 36  
 MICHELLE GHIGGERI 26  
 STANFORD MASTER 1:57.63  
 KANA SHIBUYA 23  
 MARTIE MC KINNEY 30  
 C.CHICHESTER 32  
 EILEEN WALL 37  
 OREGON MASTERS 2:03.94  
 GRACIE GODDARD 35  
 NANCY VINCENT 36  
 T.WALKER 29  
 JULIE RYAN 26  
 CRAW 2:04.85  
 ANN SPEED 24  
 LESLIE STANLEY 33  
 HELEN CANE 39  
 MOLLY WOLF 35  
 WALNUT CREEK 2:06.35  
 PATTY LANDERS 38  
 BEDDIE WARD 32  
 DEBBIE FLANSBURG 39  
 KAREN HEARD 25  
 ALASKA MASTERS 2:06.64  
 JOANNE WAINWRIGHT 40  
 KRIS HALL 27  
 MELINDA GREIG 37  
 MIA COSTELLO 27  
 LAKESIDE MASTER 2:07.89  
 CAROLINE DONNELLY 33  
 A.WRIGHT-BELKNAP 44  
 MARY CHRIS CURL 38  
 AMY POPE 35  
 PAC NORTHWEST 2:08.16  
 KAREN OLIVER 35  
 KATHRINE CASEY 46  
 YVONNE DYMERSKI 34  
 DEBBIE GLASSMAN 41  
 JAM 2:09.42  
 LAURIE HADLEY 34  
 KATHY GARNIER 35  
 LANI LESOING 28  
 ROSIE SHEPPARD 25  
 ALHAMBRA MASTER 2:11.74  
 JAIMI LUMBERT 36  
 KERRI NAUFUL 38  
 SUSAN HUMMER 25  
 JOAN VER HALEN 26

160-199

R:D. C. MASTERS 88 2:03.48  
 JACKI HIRSTY  
 NANCY KIRKENDALL  
 ANN SVANSON  
 SUE HARRINGTON  
 OLYMPIC CLUB 2:09.33  
 DANIELLE OGIER 42  
 MARGERY MEYER 72  
 ALICIA WALKER 26  
 MARGUERITE MEYER 36  
 MULNOMAH AC 2:14.45  
 KATHLEEN BOYD 24  
 TERI HENDRYX 42  
 GINGER PIERSON 49  
 LAVELLE STOINOFF 62  
 DC MASTERS 2:16.20  
 CHERYL BRUNER 36

BARBARA FRID 53  
 BARBARA ZAREMSKI 58  
 JULIE D'AMBROSIA 39  
 WALNUT CREEK 2:17.12  
 ANNE BERBERI 39  
 SUZANNE ANGIOLI 47  
 CHARLENE O'BRIEN 38  
 PATTY LANDERS 38  
 ROLLING HILLS 2:17.45  
 COKIE LEPINSKI 36  
 SUSAN ATAMANIUK 46  
 MAGGIE TEVIS 47  
 DIANE URSIN 32  
 OREGON MASTERS 2:17.76  
 SUZANNE COOPER 45  
 SANDI ROUSSEAU 47  
 SUSAN CASE 46  
 MONIKA HUNSCHER 47  
 DAVIS AQUATIC 2:18.40  
 JULIE LANGSTON 33  
 SUSAN MUNN 56  
 JENNIFER COLLINS 26  
 BETTY DUGAN 54  
 CHINO HILLS 2:23.84  
 TAMARA WOOD 41  
 BARBARA CALDER 42  
 CHERI PRICE 42  
 MARY-CHRIS KAY 41  
 LAKESIDE MASTER 2:25.13  
 DEBBIE COX 40  
 MARY THOMAS 48  
 DEBBIE UTZ 42  
 WENDY MEDLEY 41  
 RINCONADA 2:26.55  
 JUDITH SCHWARTZ 40  
 BOBBIE CALLISON 62  
 KATHERINE BASS 43  
 RUTH PETERSON 49

200-239

R:LOS ALTOS 94 2:08.96  
 LAURA VAL  
 SUSAN ROY  
 DELLA SEHORN  
 CAROLYN BOAK  
 TAMALPAIS 2:12.88  
 R.BRITTINGHAM 44  
 CHARLOTTE JENKINS 56  
 SPERRY RADEMAKER 55  
 NANCY RIDOUT 53  
 CONNECTICUT 2:25.76  
 ELIZABETH FRY 36  
 MARGIT JEBE 57  
 DOROTHY DONNELLY 73  
 CHRISTIE SLIMAK 47  
 ROCKY MT MASTER 2:29.24  
 JENNY WRENN 41  
 J.MURPHY-SHERMAN 51  
 CATHY WRENN 68  
 HEIDI BOERSTLER 48  
 SAN DIEGO SWIM 2:34.32  
 BETSY JORDAN 58  
 MARY GREGORIO 42  
 GINI BAKER 44  
 ADRIENNE PIPES 61  
 DAVIS AQUATIC 2:34.36  
 GAYLE BONDURANT 48  
 MARY HORTON 52  
 SUSAN MUNN 56  
 BETTY DUGAN 54  
 HUMU 2:35.01  
 DIANE STOWELL 61  
 BETH BLICKFELDT 69  
 PATRICIA QUIJANO 50  
 KATIE ANDERSON 43  
 OREGON MASTERS 2:35.44

PEGGY WHITER  
 NONA FORRESTER  
 PAMELA HIMSTREET  
 JAN PLESNER 2:31  
 SIERRA NEVADA 2:31  
 SUSIE HOBSON  
 CELESTE MILLER  
 SALLY DILLON  
 IVY BROWNE  
 BOLT 2:41  
 BARBARA BOWER  
 FIONA ATKINSON  
 JANICE CAMPBELL  
 VICKI BUCCINO  
 HEARTLAND 2:54  
 CHARLOTTE COWAN  
 TINA DANIELS  
 MARILYN RAMEY  
 M.VALDERHAUG

240-279

R:NEW ENGLAND 94 2:25.13  
 JENNIFER LUKER  
 DIANE REED  
 BILLIE BURRILL  
 CLARA WALKER  
 NEW ENGLAND 2:45  
 CLARA WALKER  
 MARIAN COAKLEY  
 MARDIE BROWN  
 KARLA BLACK  
 WALNUT CREEK 2:48  
 JOAN ALEXANDER  
 DONNA MONROE  
 BETTY BARABASH  
 BARBARA JORDAN  
 SAN DIEGO SWIM 2:58  
 BOBBI TURCOTTE  
 ANN DALLAM  
 DIANA SILVA  
 BARBARA DUNBAR  
 OJAI-SANTA BARB 2:58  
 SYLVIA GLENN  
 JAN RAINS  
 MALCHIA OLSHAN  
 GAY COLLINS  
 MICHIGAN MASTER 3:06  
 EDITH GLUSAC  
 LOIS NOCHMAN  
 FREDERICKA RAPP  
 KAREN PEARSON  
 TAMALPAIS 3:21  
 MARTY BARRY  
 C.CUNNINGHAM  
 BEA HEIM  
 MARY GIDLEY  
 HEARTLAND 3:31  
 JUDY TILARO  
 NANCY REED  
 ELFRIEDE LEHTO  
 TRISH HUNTER  
 OJAI-SANTA BARB 4:08  
 MAGGIE MORS  
 RUTH FARNHAM  
 PEGGY SANBORN  
 JENNIE TAYLOR  
 BOLT 4:22  
 MARGARET BROU  
 CLAIRE ROACH  
 BETTY RUSSO  
 JOYCE CONSTANCE  
 OREGON MASTERS 4:28  
 HELENA HOFFMAN  
 B.L'ESPERANCE  
 ELFIE STEVENIN  
 GEORGIA RYAN

# TOP TEN

## Long Course Meters

280-319		TERI ELLIS	27	ROBIN ROBINSON	24	200-239	
R:WALNUT CREEK	93	NELL REGAN	25	MOLLY WOLF	35	R:LOS ALTOS	92 2:28.26
JEAN DURSTON		OREGON MASTERS	2:31.29	LESLIE STANLEY	33	DELLA SEHORN	
SALLY JOY		MICHELLE BROWN	28	WALNUT CREEK	2:29.85	CAROLYN BOAK	
JOAN ALEXANDER		BETH CUTRER	27	PENNY LEACH	32	LAURA VAL	
BETTY MCMILLAN		JULIE RYAN	26	S.SOTELO-OSBORNE	34	ARLENE PROEBSTING	
WALNUT CREEK	3:24.44	SHARON STUART	31	CHARLENE O'BRIEN	38	TAMALPAIS	2:36.16
JEAN DURSTON	81	ILLINOIS MASTER	2:36.17	SUZANNE ANGIOLI	47	LESLIE ULEN	38
JAE HOELL	72	BRANDY MAYBERRY	23	ARIZONA MASTERS	2:32.29	NANCY RIDOUT	53
SALLY JOY	78	CARYN SCHULTZ	20	CAROLE FUNK	35	SPERRY RADEMAKER	55
MIDGE KRAETZER	56	RHONDA KRUSE	29	KERRY EGGAR	29	CHARLOTTE JENKINS	56
DC MASTERS	3:31.88	MARCIA SWANSON	33	RANE STITES	31	SAN DIEGO SWIM	2:46.21
ANNE WALKER	79	PNA	2:36.28	KAY NELSON	28	BETSY JORDAN	58
RUTH THORSEN	75	MELISSA NOBLE	27	ALHAMBRA MASTER	2:36.19	MARY GREGORIO	42
MARY LATHRAM	80	LINDA SULLIVAN	39	KERRI NAUFUL	38	ADRIENNE PIPES	61
JOANN LEILICH	56	WENDY NEELY	21	SUSAN HUMMER	25	GINI BAKER	44
SAN MATEO	4:00.13	LEEANN MCGHIE	29	JOAN VER HALEN	26	OREGON MASTERS	2:55.29
HELEN ROUMASSET	80	HEARTLAND	2:37.86	JAIMI LUMBERT	36	NONA FORRESTER	51
ZADA TAFT	76	VICKI WEBSTER	33	160-199		PAMELA HIMSTREET	51
HILDA BUEL	81	C.KUNCZINAM	30	R:LOS ALTOS	94 2:12.91	PEGGY WHITER	51
DALE FINCH	45	TABITHA BONNEY	24	CHRIS BREEDY		MONIKA HUNSCHER	47
LAKESIDE MASTER	5:23.73	STACY JOHNSON	32	SUSAN ROY		BOLT	3:04.63
F DOROTHY RIORDAN	83	ARIZONA MASTERS	2:53.46	LAURA VAL		BARBARA BOWER	57
LINDA HUBBUCH	50	DEBRA KURTZ	25	CAROLYN BOAK		FIONA ATKINSON	45
MEME HABICH	80	C.KEENAN	33	MULNOMAH AC	2:29.06	JANICE CAMPBELL	49
JOANNE TINGLEY	69	ANGELA LARSON	20	KATHLEEN BOYD	24	VICKI BUCCINO	49
*****		BETH CLAXTON	28	GINGER PIERSON	49	MULTOMAH AC	3:14.30
RELAYS: WOMEN 200 M. MEDLEY		LOUISVILLE Y	2:55.83	TERI HENDRYX	42	BETSY AUSTEN	68
*****		CATHY POPP	34	LAVELLE STAINOFF	62	EVELYN SINAI	55
76 - 99		SHAWN O'BANNON	35	PNA	2:29.08	JUDITH LAMPI	35
R:UNIV SAN FRAN	92 2:12.59	DANA FRANKS	21	KAREN OLIVER	35	JOANN DENNIS	53
CYNTHIA HINSHAW		AMY DIXON	26	KATHRINE CASEY	46	DAVIS AQUATIC	3:15.03
JANET HAUER		CRAW	3:02.81	DEBBIE GLASSMAN	41	SUSAN MUNN	56
NATALIE EFFA		KERRY KAPPES	26	JANE MOORE	44	JOYCE HAWORTH	58
BRENDA WICKLUND		TRACEY SHEESBY	30	OREGON MASTERS	2:35.17	BETTY DUGAN	54
DAVIS AQUATIC	2:21.63	MURTEL RABALAIS	27	SUSAN CASE	46	MARY HORTON	52
TATE BIRNIE	20	LINDA TUCKER	35	M.HOLMBERG	42	MICHIGAN MASTER	3:29.04
JENNIFER LUNDMARK	29	120-159		SANDI ROUSSEAU	47	FREDERICKA RAPP	51
CHRISTINE SCHULTZ	24	R:D C MASTERS	87 2:11.61	NANCY VINCENT	36	KAREN PEARSON	43
TRACY KNORR	25	SUE SKIFF		O*H*I*O MASTERS	2:36.56	CASSANDRA GARRY	40
CRAW	2:25.22	SUZANNE O'HARA		JOANNE BOWSER	41	EDITH GLUSAC	76
ANN SPEED	24	C. R.-PROSCHE		PAM ALLEN	39	240-279	
GINA LEGGIO	22	BETH O'CONNOR		PAM BECK	38	R:DC MASTERS	94 2:49.96
M. BERGERON	23	OLYMPIC CLUB	2:12.36	DIANE ROTHENBERG	42	ANNA WALKER	
CLAIRE ORR	19	DANIELLE OGIER	42	ROLLING HILLS	2:38.57	JAYNE BRUNER	
ARIZONA MASTERS	2:28.47	ELAINE WEIGAND	24	SUSAN ATAMANIUK	46	BARBARA FRID	
EMILY MANN	20	ALICIA WALKER	26	COKIE LEPINSKI	36	BARBARA ZAREMSKI	
COLLEEN JEFFERIES	27	MARGUERITE MEYER	36	DIANE URSIN	32	SAN DIEGO	3:16.16
SARAH WILLIAMS	22	STANFORD MASTER	2:12.87	MAGGIE TEVIS	47	BETSY JORDAN	58
LAURA STEPANEK	24	MARTIE MC KINNEY	30	WILDCAT MASTERS	2:45.89	ADRIENNE PIPES	61
SANTA CLARA	2:28.47	EILEEN WALL	37	SUSAN BRADLEY-COX	57	JEANNE LITTLE	58
JO MILLARD	20	KANA SHIBUYA	23	MEG SMATH	38	ANN DALLAM	64
BECKY LANCER	24	C.CHICHESTER	32	JEANNIE JOHNSON	34	WALNUT CREEK	3:27.71
CHELSEA KNAPP	25	LAKESIDE MASTER	2:21.00	SARAJANE DOTY	39	MIDGE KRAETZER	56
MICHELLE MCBRIDE	24	CAROLINE DONNELLY	33	OREGON MASTERS	2:46.03	JOAN ALEXANDER	63
OAHU CLUB	3:07.44	A.WRIGHT-BELKNAP	44	JEANNE TEISHER	43	DONNA MONROE	61
JUNKO MITANI	19	MARY CHRIS CURL	38	NANCY HELGET	46	BETTY BARABASH	67
SAORI MAKIKIBO	19	AMY POPE	35	SUZANNE RAGUE	45	DC MASTERS	3:30.63
SAORI KATAOKA	19	OREGON MASTERS	2:22.46	CYNTHIA ROMPEL	43	MARY LATHRAM	80
H KITMURA	19	T.WALKER	29	ILLINOIS MASTER	2:46.66	BARBARA ZAREMSKI	58
100-119		DEBORAH HEIM	26	DEE RAGALIE	43	BARBARA FRID	53
R:HOLMES	88 2:06.67	DONNA RYAN	32	DIANNE BARRY	37	ANNE WALKER	79
BETH MAUER		GRACIE GODDARD	35	VIVIAN YOUNG	40	LAKESIDE MASTER	3:39.18
DEB WALKER		ALASKA MASTERS	2:24.03	HENRIETTA BERNING	62	MARY JANE MULLINS	64
TISH BUCHER		JOANNE WAINWRIGHT	40	LAKESIDE MASTER	2:50.37	CAROL FERGUSON	63
MARY HOLMES		MIA COSTELLO	27	AMY PETERSON	38	JOYCE VOIT	60
CONNECTICUT	2:21.20	KRIS HALL	27	MARY THOMAS	48	MARY ANN STONE	61
ELISABETH NIELSEN	20	MELINDA GREIG	37	DEBBIE UTZ	42	OJAI-SANTA BARB	3:40.75
JILL LEMONE	28	CRESCENT HILL	2:25.22	WENDY MEDLEY	41	GAY COLLINS	65
ELIZABETH FRY	36	C.CARMICHAEL	28	ARIZONA MASTERS	2:50.68	SYLVIA GLENN	57
KRISTINE STORY	32	GINA MARIE GATTI	32	JONELLE SCHMIDT	44	MALCHIA OLSHAN	64
VENICE	2:25.33	BRIDGET NASTASI	28	CARLA BOSSARD	39	JAN RAINS	61
CAROLE SHIGAKI	40	JANET ZELLER	32	DEANNA ALT	37	HEARTLAND	4:20.68
ROBIN GARINGER	22	CRAW	2:26.96	MOIRA HORNBY	41	JUDY TILARO	60
		HELEN CANE	39			ELFRIEDE LEHTO	62

# TOP TEN

## Long Course Meters

NANCY REED	68	120-159					SUSIE LEIPER	
TRISH HUNTER	61	R:STANFORD	94	4:17.94	320-359		BARBARA DUNBAR	
BOLT	4:38.49	MARTIE MCKINNEY			R:ST PETE	94	MARILYN FINK	
BETTY RUSSO	63	C CHICHESTER			MARIAN MCKECHNIE		STANFORD MASTER	5:38.00
MARGARET BROU	72	DANIELLE OGIER			FRANCES CICHANSKI		EILEEN WALL	37
ELLEN HALL	44	KANA SHIBUYA			WIN KENNEDY		LINDA LIPINSKI	36
CLAIRE ROACH	67	SANTA CLARA	4:22.03		KAY SCHIMPF		DANIELLA BARNEA	50
		CHELSEA KNAPP	25		NO RELAY TEAMS		JUDY HELLER	40
280-319		EVE WALTON	33		*****		LAKESIDE MASTER	7:00.80
R:HOLMES LUMBER	94	LAURA VAL	44		RELAYS: WOMEN 400 M. MEDLEY		MARISA FORD	35
GERTRUD ZINT		LISA HAZEN	30		*****		MARY ANN STONE	61
JOAN GLARATON		SAN LUIS OBISPO	5:29.12		76 - 99		MARGARET DUNCAN	33
FLORENCE CARR		LYNNE ANDERSON	36		R:SACRAMENTO	92	CAROL FERGUSON	63
VICKEE SULLIVAN		MARIANNE WOLF	41		MINDY WRIGHT	5:07.42	HEARTLAND	8:42.57
WALNUT CREEK	3:52.48	BONNIE JEAN LYONS	33		LISA CHRISTO		JUDY TILARO	60
SALLY JOY	78	SALLY MORGAN	35		SUE LOWREI		TINA DANIELS	38
JAE HOWELL	72	DCAC	5:51.27		DONNA NICHOLAS		C.KUNCZINAM	30
SALLY MORNER	59	MARIANNE HAEGELL	32		NO RELAY TEAMS		TRISH HUNTER	61
JEAN DURSTON	81	MARCIA CUSHING	32					
SAN MATEO	4:27.12	IVONNE MARTINEZ	31		100-119		200-239	
ZADA TAFT	76	MARGARET MORRIS	36		R:WALNUT CREEK	92	R:D C MASTERS	91
HILDA BUEL	81	LAKESIDE MASTER	5:52.57		PAM BOSCOVICH	4:55.59	BARBARA FRID	
DALE FINCH	45	LISA STEARNS	37		LISA TALLMAN		JOANN LEILICH	
HELEN ROUMASSET	80	MARISA FORD	35		DEBBIE FLANSBURG		ANN SVANSON	
ROCKY MT MASTER	4:41.68	DEBBIE UTZ	42		WENDY INGRAHAM		JAYNE BRUNNER	
SALLY RYCKMAN	83	MARGARET DUNCAN	33		WALNUT CREEK	4:58.01	TAMAPLAIS	6:09.88
GAIL HARDEN	55				KATHLEEN HARTNETT	23	SPERRY RADEMAKER	55
AGOTA FROHS	75	160-199			KAREN HEARD	25	NANCY RIDOUT	53
CATHY WRENN	68	R:SAN DIEGO	93	4:37.01	PAULA ROEMER	34	R.BRITTINGHAM	43
OREGON MASTERS	5:21.86	BETSY JORDAN			COLLEEN HAZLETT	34	CHARLOTTE JENKINS	56
B.L'ESPERANCE	63	BARBARA DUNBAR			DAVIS AQUATIC	5:31.16	DAVIS AQUATIC	7:14.12
PAULINE STANGEL	73	KARLY PIPES			TRACY KNORR	25	BETTY DUGAN	54
ELFIE STEVENIN	74	BETH KNIGHT			CHRISTINE SCHULTZ	24	GAYLE BONDURANT	48
JUDY MELCHER	75	WILDCAT MASTERS	6:20.23		JENNY LUNDMARK	29	SUSAN MUNN	56
LAKESIDE MASTER	6:05.84	NANCY WILLIAMS	40		JENNIFER COLLINS	26	MARY HORTON	52
JOANNE TINGLEY	69	JEAN TURNER	45		CRESCENT HILL	5:44.19	HEARTLAND	7:42.30
F DOROTHY RIORDAN	83	JANET SCHEELINE	45		DONNA JOHNSON	27	M.VALDERHAUG	53
LINDA HUBBUCH	50	JEANNIE JOHNSON	33		GINA MARIE GATTI	32	VIRGINIA BENDIK	42
MEME HABICH	80				BRIDGET NASTASI	28	MARILYN RAMEY	55
*****		200-239			JANET BARNEY	32	CHARLOTTE COWAN	55
RELAYS: WOMEN 400 M. FREE		R:RINCONADA	94	5:23.97				
*****		MARIANNE BREMS			120-159		240-279	
76 - 99		ANN KAY			R:WALNUT CREEK	91	R:WALNUT CREEK	92
R:SANTA CLARA	95	BARBARA CALLISON			PAM BOSCOVICH	5:00.94	BARBARA JORDAN	6:50.38
JO MILLARD		SUE KELLY			WENDY INGRAHAM		ANN PISCIOTTA	
ANNE WATKINS		NO RELAY TEAMS			DEBBIE FLANSBURG		JOAN ALEXANDER	
LAURA VIALE					CATHY COOLEY		BETTY BARABASH	
KATHRIN LAMMERS		240-279			WALNUT CREEK	5:01.96	DC MASTERS	6:33.68NV
SANTA CLARA	4:31.84	R:WALNUT CREEK	92	6:15.17	PATTY LANDERS	38	ANNE WALKER	79
JO MILLARD	20	BETTY BARABASH			KIM MORGAN	29	JOANN LEILICH	56
ANNE WATKINS	20	JOAN ALEXANDER			DEBBIE FLANSBURG	39	JAYNE BRUNER	61
LAURA VIALE	20	ANN PISCIOTTA			MINDY HAMWAY	36	ANN LYTTLE	47
KATHRIN LAMMERS	25	BARBARA JORDAN			WALNUT CREEK	5:04.24		
		DC MASTERS	6:01.01NV		PENNY LEACH	32	280-319	
100-119		ANNE WALKER	79		S.SOTELO-OSBORNE	34	R:WALNUT CREEK	93
R:DAVIS AQUATIC	92	RUTH BENNETT	48		SUZANNE HEIM	37	WALNUT CREEK	8:32.38
C.CHICHESTER		JAYNE BRUNER	61		CHARLENE O'BRIEN	38	PAT PREVETZ	
MELISSA BEATY		BARBARA FRID	53		RESTON MASTERS	5:34.00	JAE HOWELL	
KIM MCCORD		SAN DIEGO	6:42.31		CYNTHIA HYLAND	35	ANN PISCIOTTA	
JENNIFER NORRIS		JEANNE LITTLE	58		PENNY BATES	33	MARY JANE REEVES	
SANTA CLARA	4:47.24	ANN DALLAM	64		MINDY MCLAUGHLIN	31	WALNUT CREEK	9:34.84
MICHELLE MCBRIDE	25	ADRIENNE PIPES	61		CYNTHIA MATTHEWS	35	JEAN DUNCAN	62
MARY LANCE	27	BETSY JORDAN	58		HEARTLAND	5:45.63	SALLY JOY	78
SUSIE BLAKE	28	HEARTLAND	8:28.10		VICKI WEBSTER	33	JAE HOWELL	72
L.FISCHER-COLBRIE	38	JUDY TILARO	60		STACY JOHNSON	32	JEAN DURSTON	81
HEARTLAND	5:15.40	NANCY REED	68		TABITHA BONNEY	24	*****	
VICKI WEBSTER	33	ELFRIEDE LEHTO	62		REBECCA JACKMAN	32	RELAYS: WOMEN 800 M. FREE	
TABITHA BONNEY	24	TRISH HUNTER	61		WILDCAT MASTERS	6:50.10	*****	
STACY JOHNSON	32				JANET SCHEELINE	45	76 - 99	
C.KUNCZINAM	30	280-319			MEG SMATH	38	R:DAVIS	92
CRESCENT HILL	5:17.19	R:WALNUT CREEK	94	7:37.85	JEANNIE JOHNSON	33	CHRIS WINN	10:56.32
GINA MARIE GATTI	32	JEAN DURSTON			NANCY WILLIAMS	40	JENNIFER BLAKE	
MICHELLE WARD	26	JAE HOWELL					JENNIFER NORRIS	
BRIDGET NASTASI	28	SALLY JOY			160-199		TINA WALLIS	
JANET BARNEY	32	ANN PISCIOTTA			R:SAN DIEGO	89	NO RELAY TEAMS	
		NO RELAY TEAMS			BETSY JORDAN	5:24.49		
							100-119	

# TOP TEN

## Long Course Meters

R:WALNUT CREEK 89	9:50.91		JAMIE PATRICK	24	SCOTT RABALAIS	36
CAROL LEE-HELTZEL		240-279	MIKE KECK	35	STEVE HECK	45
CATHEY COOLEY		R:WALNUT CREEK 92	BRAD BUDNEY	23	AARON ALTURA	32
DEBBIE FLANSBURG		BETTY BARABASH	CRESCENT HILL	1:45.60	ADAM WERTH	25
AMY REIGER		JOAN ALEXANDER	JEFF HOGG	30	OREGON MASTERS	1:47.49
CRESENT HILL	10:13.05	ANN PISCIOTTA	GEOFFREY THOMAS	26	PATRICK HERRERA	36
BRIDGET NASTASI	28	BARBARA JORDAN	DALE MERCKER	28	TIMOTHY O'BRIEN	31
JANET ZELLER	32	DC MASTERS	JEFF FELTZER	24	KURT BARON	31
DONNA JOHNSON	27	ANNE WALKER	DAVIS AQUATIC	1:46.14	DALE WALKER	31
GINA MARIE GATTI	31	BARBARA FRID	BRAD WINSOR	23	SAN DIEGO SWIM	1:47.69
HEARTLAND	11:29.11	JAYNE BRUNER	MATT GRAHN	23	CHRIS DIXON	37
TABITHA BONNEY	24	ANN LYTTLE	TODD GREENE	25	STEPHEN SEGRETO	32
VICKI WEBSTER	33	SAN DIEGO	JEFF FALEY	30	COLIN CHINN	37
C.KUNCZINAM	30	JEANNE LITTLE	AFAM	1:46.78	BRIAN CAMPION	33
STACY JOHNSON	32	ANN DALLAM	KIRK CLEAR	27	DAVIS AQUATIC	1:49.15
		ADRIENNE PIPES	ELLIS EATON	25	BRAD WINSOR	23
120-159		BETSY JORDAN	KEITH LIMBIRD	34	EMORY HAWORTH	59
R:SAN DIEGO 90	9:48.97	LAKESIDE MASTER	J. SCHOENBERGER	32	MICHAEL COLLINS	29
RHONDA HRONESH		MARY JANE MULLINS	COBB	1:48.41	ANDREW MC PHERSON	48
CATHY NEVILLE		CAROL FERGUSON	ANDREW GAFFNEY	22	SAN FRANCISCO	1:50.20
BETH KNIGHT		SUE JEWELL	YIT LIM	37	BRIAN FITZGIBBONS	38
BARBARA DUNBAR		JOYCE VOIT	JOSH GAFFNEY	23	KENNETH HILLAN	34
WALNUT CREEK	9:50.11		CHRIS WHELAN	24	DUNCAN ROBERTSON	28
KAREN HEARD	25	280-319	GREATER COLUMBU	1:48.75	CHRIS RESLER	27
CHARLENE O'BRIEN	38	R:WALNUT CREEK 92	DENNIS HOGAN	28		
SUZANNE HEIM	37	JEAN DURSTON	ROBERT BROWN	24	160-199	
PENNY LEACH	32	MARY JANE REEVES	DENNIS FISHER	36	R:HOLMES 90	1:39.27
RESTON MASTERS	10:26.71	JAE HOWELL	SETH REETZ	24	JAMES DILLEY	
CYNTHIA HYLAND	35	DONNA MONROE	ILLINOIS MASTER	1:49.06	C. MILTENBERGER	
CYNTHIA MATTHEWS	35	NO RELAY TEAMS	PATRICK TOH	23	RICHARD ABRAHAMS	
PENNY BATES	33		DOUG THOMASON	32	TIMOTHY GARTON	
MINDY MCLAUGHLIN	31	320-359	DAVID ACKERMANN	29	WALNUT CREEK	1:45.90
DAVIS AQUATIC	10:59.06	R:ST PETE 94	JOHN BECKER	31	CARY KENT	43
GAYLE BONDURANT	48	MARIAN MCKECHNIE	VENICE	1:51.99	GERRY KEELAR	45
TRACY KNORR	25	FRANCES CICHANSKI	DAN BORTON	27	JOHN ROEMER	40
CHRISTINE SCHULTZ	24	WIN KENNEDY	GARY NUGENT	29	GREG REMMERT	32
JENNY LUNDMARK	29	KAY SCHIMPF	BOB EBERWINE	35	LAKESIDE MASTER	1:49.23
LAKESIDE MASTER	12:05.66	NO RELAY TEAMS	STEVE LATTA	28	WILLIAM TINGLEY	45
MARGARET DUNCAN	33	*****	OREGON MASTERS	1:55.38	CHRIS BURCKLE	38
WENDY MEDLEY	40	RELAYS: M E N 200 M. FREE	MARK WREN	36	SAM BLYTHE	36
DEBBIE UTZ	41	*****	ANTON LENEIS	25	JOHN NOLAN	46
LESLIE ENANDER	33	76 - 99	TIMOTHY WAUD	28	ROLLING HILLS	1:50.39
LAKE LYTAL	12:11.70	R:OLYMPIC CLUB 93	MARK AERTS	20	GEORGE VIGUIE	51
K.GRANTSTEIN	40	GARY ANTONICK			RONALD BRYANT	47
J.SINISCALCHI	38	ERIC TARBELL	120-159		BILL ADKISON	40
VALERIE HAUQUITZ	40	STEPHEN GOTH	R:LONE STAR 86	1:37.43	ERIC VAN BOER	40
GLORIA NEMET	31	JIM MURRAY	DAVID HAGUE		OREGON MASTERS	1:50.68
		BOLT	TRIP HEDRICK		DOUG PRENTICE	47
160-199		DAVID DIAZ	BUCK SMITH		MICHAEL PENDLETON	43
R:SAN DIEGO 91	10:33.64	ROB CAMBIAS	JIM MONTGOMERY		STEPHEN JOHNSON	47
BETASY JORDAN		L SCHMITT	WALNUT CREEK	1:42.09	PETER METZGER	40
BARBARA DUNBAR		BRIAN CALIVA	TERRY DIXON	30	TEXAS AQUATIC	1:51.14
MARILYN FINK		WALNUT CREEK	GARY PATTERSON	35	B.RANSOM-NELSON	42
BETH KNIGHT		KEVIN PONTI	DAVID COOL	34	BILL GARRETT	43
GOLD COAST	17:46.01	MIKE HAYNES	STEPHEN STAHL	30	LARRY WOOD	41
SUSAN LUDWIG	37	TODD BAILEY	ILLINOIS MASTER	1:43.19	KEITH BELL	47
JUDY BONNING	42	BRIAN BASKIN	THOMAS MC CABE	37	OREGON MASTERS	1:51.40
BUNNY GOLDSTEIN	71	OAHU CLUB	TED SOLTYS	35	ROBERT MAESTRE	45
NANCY BOX	46	HIROTAKA SATO	DAVID GIBSON	35	MICHAEL O'NEIL	45
		N TAMAI	ANDREAS SEIBT	37	CLIFF STEPHENS	40
200-239		TAKEISHI UDA	ALASKA MASTERS	1:45.82	JESS HICKERSON	42
R:TAMALPAIS 95	11:24.23	TOMOYA TSUBAI	RAYMOND BILLINGS	30	OLYMPIC CLUB	1:52.44
R.BRITTINGHAM			BRAD GAMBLIN	39	M.CAFFERY	42
CHARLOTTE JENKINS		100-119	MICHAEL SORENSEN	27	MIKE SHERRILL	45
SPERRY RADEMAKER		R:HOUSTONIAN CLUB90	RICK ABBOTT	40	JAMES BEGLINGER	49
NANCY RIDOUT		JAMES PRUNGLE	GREATER OHIO	1:47.09	CHARLES YOURD	43
TAMALPAIS	11:24.23	STUART KNOWLES	JIM SORENSEN	36	SANTA CLARA	1:52.56
R.BRITTINGHAM	44	JEFF FREY	JOHN OWSIANY	34	LARRY TAGGESELL	42
CHARLOTTE JENKINS	56	JOHN SMITH	NEIL WASSERMAN	40	ANDY PLUEMER	37
SPERRY RADEMAKER	55	MULNOMAH AC	TODD RADEL	22	JEFF DANDA	32
NANCY RIDOUT	53	DANIEL JORGENSEN	ARIZONA MASTERS	1:47.10	ED CAZALET	53
DAVIS AQUATIC	14:04.20	JOHN KEPPELER	BILL HARRIS	31	MICHIGAN MASTER	1:52.66
SUSAN MUNN	56	JEFF STILING	MATT RANKIN	28	LEONARD BROCKHAHN	45
BETTY DUGAN	54	SCOTT SINAI	GREGORY DOZER	37	RICHARD CHANEY	45
MARY HORTON	52	OLYMPIC CLUB	TROY DALBEY	26	FRANK THOMPSON	43
JOYCE HAWORTH	57	DAVID LUNDBERG	CRAW	1:47.31	ERIC NORDLUND	31

# TOP TEN

## Long Course Meters

DAVIS AQUATIC	1:52.71	BILL EARLEY	58	BOB CUNNINGHAM	69	DAVID DIAZ	21
DOUG SMITH	33	DONALD BAKER	64	LLOYD WALKER	79	CRAW	2:12.80
EMORY HAWORTH	59	KENNETH KIMBALL	64	ROGER CAMPBELL	65	P. KEUSENKOTHEN	30
SCOTT HARRIS	41	O*H*I*O* MASTER	2:07.91	RAY TAFT	76	ALBERTO TARAJANO	21
ANDY MCPHERSON	48	PETER VAN DIJK	66	ST LOUIS MASTER	2:42.90	AARON ALTURA	32
		KARL KAZMAIER	40	ART KELLEY	69	SELIM ALPARSLAN	29
200-239		KEITH CARTER	70	WILLIAM CANNON	65	DCAC	2:13.41
R:OLYMPIC CLUB 94	1:46.69	JOHN DAILY	67	WILLIAM GRANT	81	DAVID GREER	30
MICHAEL GARIBALDI		SAN DIEGO	2:14.84	ROBERT BLAKE	70	GLENN MIAKER	28
ROBERT STRAND		RICHARD LABAHN	66	BOLT	2:57.06	DAVID CORAY	32
RICHARD BASSI		LLOYD SKRAMSTAD	61	N HEDRICK	72	JASON KLUGMAN	24
JAMES ELDER		JIM JONES	67	ELMER FROST	72	CWA	2:19.41
OLYMPIC CLUB	1:50.26	DONALD BAKER	64	RICHARD DANIEL	69	MARK KOWALAK	27
JAMES KRUEGER	56	SO CALIF AC	2:17.46	ROBERT ALLEN	68	ERIC FIFE	34
WILLIAM VAN HORN	56	PETER O'KEEFFE	45	OREGON MASTERS	3:16.62	R.NEILSON	31
STEVE CLARK	52	LEE ARTH	70	MIKE POPOVICH	68	KEITH PRYOR	25
K.BOGART	41	GEORGE BRINTON	71	DAVID BERNSTEIN	73	COBB	2:20.37
OREGON MASTERS	1:53.32	BOB MERRICK	75	MEL ANDERSON	77	ANDREW GAFFNEY	22
ROBERT SMITH	52	OREGON MASTERS	2:20.75	ALLAN DE LAY	80	JOSH GAFFNEY	23
RONALD NAKATA	56	DANIEL GRAY	50	WALNUT CREEK	3:48.18	YIT LIM	37
RICHARD SMITH	46	ARTHUR WELCH	62	MIKE MILLIMAN	60	CHRIS WHELAN	24
JED CRONIN	46	FLOYD ELIOTT	68	ERNEST KASSNER	71		
SAN MATEO	1:58.74	LEO VAN DIJK	62	ANDREW KALLUNKI	91	120-159	
RANDY BROWN	47	SAN DIEGO SWIM	2:22.43	ROY ERLANDSON	81	R:BAYLOR/L STAR 93	1:50.89
DONALD GALINE	49	RICHARD LABAHN	66			JAY YARID	
BRENT WASHBURNE	33	GORDON GILLIN	64	320-359		BERRY HAMILTON	
RAYMOND TAFT	76	LLOYD SKRAMSTAD	61	R:BAYLOR/L STAR 93	2:59.21	BOBBY PATTEN	
CRESCENT HILL	2:01.03	PETER RIDDLE	57	BENNETT ALLEN		STEVEN REED	
DAN BEHR	50	LAKESIDE MASTER	2:22.85	TEX ROBERTSON		MULNOMAH AC	1:57.14
GEORGE DODGE	50	GARY WEISENTHAL	81	JESSE COON		JOHN KEPPELER	28
NORMAN SCOTT	50	MARTY O'TOOLE	55	GUS GLEMENS		CHRISTIAN SINAI	22
RICHARD FREDERICK	52	THEODORE WATHEN	48	COAST MASTERS	3:14.90	JEFF STILING	35
WALNUT CREEK	2:02.46	ROBERT MILLER	60	DON NEEFE	86	KARL VON TAGEN	51
JOHN ROEMER	40	CRAW	2:29.57	BRION WINSHIP	77	GREATER OHIO	1:58.19
DONALD BROWN	62	CLARKE MITCHELL	63	WALT PFEIFFER	81	NEIL WASSERMAN	40
STAN MORNER	60	JOPAUL STEINER	79	BOB CHRISTIANS	79	TODD RADEL	22
STEPHEN PURYEAR	47	PETER PLEUNE	60	*****		JOHN OWSIANY	34
SAN DIEGO	2:03.86	BOB KNIGHT	58	RELAYS: M E N 200 M. MEDLEY		JIM SORENSEN	36
ERIC NEILSEN	29	MULNOMAH AC	2:32.64	*****		ARIZONA MASTERS	1:59.30
BILL EARLEY	58	ROBERT KIM	61	76 - 99		SCOTT SHAKE	37
KENNETH KIMBALL	64	JOHN ENGLISH	62	R:OLYMPIC CLUB 95	1:49.35	SCOTT MENCKE	28
MIKE FRESHLEY	54	THOMAS FALK	60	MIKE COLLEY		ERIC RYBA	30
PNA	2:04.75	CLARK AUSTEN	67	JAMIE PATRICK		SKIP MASELLI	32
DAVID ADDELMAN	60			BRAD BUDNEY		ILLINOIS MASTER	1:59.93
WALTER REID	55	280-319		GREG LARSON		ANDREAS SEIBT	37
STEPHEN FREEBORN	40	R:LAM	92 2:10.75	OLYMPIC CLUB	1:49.35	KARL PAULIUS	32
STEVEN PETERSON	48	JOHN RICHARDS		GREG LARSON	26	TED SOLTYS	35
TAMALPAIS	2:07.25	JAY CRADDOCK		MICHAEL COLLEY	24	DAVID GIBSON	35
RICHARD BURNS	52	JACK MCCANN		JAMIE PATRICK	24	CRAW	2:02.69
ROBERT OLSON	51	HUGH RICHARDS		BRAD BUDNEY	23	STEVE HECK	45
DORE SCHWAB	73	OJAI-SANTA BARB	2:22.32			ADAM WERTH	25
BEN WRIGHT	52	FRANK PIEMME	70	100-119		SCOTT RABALAIS	36
LAKESIDE MASTER	2:08.11	JURGEN SCHMIDT	72	R:HOUSTONION CLUB90	1:48.46	WADE RIDDICK	26
THOMAS FINNEGAN	49	JOHN STERN	71	CLAY BRITT		WALNUT CREEK	2:02.82
JAMES GOODWIN	48	BOYD FORD	70	DEAN PUTTERMAN		TOM DUGAN	37
GLENN HUBBUCH	50	OREGON MASTERS	2:22.35	ROBERT KILLEEN		GARY PATTERSON	35
RICHARD SCHEU	54	ANDREW HOLDEN	76	JAMES PRINGLE		STEPHEN STAHL	30
STANFORD MASTER	2:08.13	GERALD HUESTIS	75	STANFORD MASTER	1:58.74	STEPHEN PURYEAR	47
CHRIS MORGAN	24	DONLAN JONES	65	KEVIN KOSKELLA	24	ALASKA MASTERS	2:02.95
EMILIO CASANUEVA	55	ERIC GUEST	65	BRIAN SCOTTOLINE	30	RICK ABBOTT	40
BARRY FASBENDER	58	SAN DIEGO SWIM	2:22.97	VINCENT DIGNEO	31	RAYMOND HAMILTON	51
GEORGE GULEVICH	63	DONALD HUBBARD	68	CHRISTOPHE MORGAN	24	MICHAEL SORENSEN	27
		WILLIAM PHILLIPS	67	CRESCENT HILL	2:00.91	RAYMOND BILLINGS	30
240-279		JIM JONES	67	JEFF FELTZER	24	SAN DIEGO SWIM	2:03.32
R:GOST 92	1:58.54	CLIFF CROOME	78	DALE MERCKER	28	STEPHEN SEGRETO	32
THOMAS OLANDER		SCAQ	2:25.86	MICHAEL LEMKE	38	BRIAN CAMPION	33
SID HALL		GEORGE BRINTON	71	GEOFFREY THOMAS	26	ERIC NEILSEN	29
KEITH CARTER		LEE ARTH	70	ILLINOIS MASTER	2:02.90	COLIN CHINN	37
JOHN FLORANCE		BOB MERRICK	75	PATRICK TOTH	23	UCLA MASTERS	2:04.89
OREGON MASTERS	2:02.89	BOYD JOHNSON	67	DAVE MASON	28	GERRY RODRIGUES	32
GEORGE THAYER	59	OREGON MASTERS	2:35.20	DAVID ACKERMANN	29	ROBERT DETTMER	30
DAVID RADCLIFF	61	JAMES HOLLAND	71	JOHN BECKER	31	MARK SNYDER	36
MILTON MARKS	65	EARL WALTER	74	BOLT	2:06.86	LANCE BARKER	38
BERT PETERSEN	56	GILBERT YOUNG	73	MARC BARONI	29	OREGON MASTERS	2:07.19
SAN DIEGO SWIM	2:03.82	DONALD VAN ROSSEN	66	ROB CAMBIAS	27	CLIFF STEPHENS	40
MIKE FRESHLEY	54	SAN MATEO	2:35.95	L SCHMITT	26	TOM HOLLAND	37



# TOP TEN

## Long Course Meters

MARK WREN	36	OREGON MASTERS	2:09.03	EARL WALTER	74	KHOSROW SHADBEH	74
MARK NELSON	34	ROBERT SMITH	52	MICHIGAN MASTER	3:08.12	MIKE POPOVICH	68
CRESCENT HILL	2:07.19	RONALD NAKATA	56	ALBERT MORLEY	57	BOLT	4:11.00
JEFF HOGG	30	BERT PETERSEN	56	RAY GILLILAND	72	N HEDRICK	72
IAIN COCKBURN	30	ROBERT MAESTRE	45	DONALD KROEGER	51	ELMER FROST	72
JOHN VOORHEES	36	PNA	2:14.33	TOM REIGEL	65	RICHARD DANIEL	69
MICHAEL NEAL	31	STEPHEN THRASHER	53	WIS MASTERS	3:09.08	ROBERT ALLEN	68
		WALTER REID	55	THOMAS MICHELSON	63		
160-199		HUGH MOORE	41	BILL PAYNE	65	320-359	
R:BAYLOR/L STAR	94 1:53.79	DAVID ADELDMAN	60	ALEX MACGILLIS	66	R:BAYLOR/L STAR	93 3:22.86
MEL NASH		OLYMPIC CLUB	2:15.61	HARLAN DRAKE	67	BENNETT ALLEN	
BARRY HAMILTON		JAMES BEGLINGER	49	OJAI-SANTA BARB	3:09.35	TEX ROBERTSON	
TRIPP HEDRICK		TIM TIMKEN	56	ROBERT MAY	61	JESSE COON	
DAVID HAGUE		JAMES KRUEGER	56	JOHN BLECK	62	GUS CLEMENS	
WALNUT CREEK	1:59.66	WILLIAM VAN HORN	56	HARRY DELATRE	49	NO RELAY TEAMS	
HOWARD HART	42	CRESCENT HILL	2:16.65	JOHN MELVILLE	75	*****	
JOHN ROEMER	40	DAN BEHR	50	OLYMPIC CLUB	4:00.66	RELAYS: M E N 400 M. FREE	
KERRY O'BRIEN	38	GEORGE DODGE	50	STEVE JONES	50	*****	
DAVID AHLMAN	44	RICHARD FREDERICK	52	THOMAS MC CARTY	50	76 - 99	
OLYMPIC CLUB	2:00.96	NORMAN SCOTT	50	GLYNN JONES	70	R:DAVIS AQUATIC	94 3:53.22
FRED FERROGGIARD	41	NORTH CAROLINA	2:17.70	LOUIS ROSENAUR	82	ERNIE HOFTYZER	
K.BOGART	41	MILTON GEE	58	LAKESIDE MASTER	4:19.44	BRIAN NABETH	
MIKE SHERRILL	45	JOHN KORTHEUER	64	JOHN SIMMS	77	MICHAEL COLLINS	
MIKE KECK	35	LOU GADOL	53	MARTY O'TOOLE	55	DARREN MOUNTS	
OREGON MASTERS	2:01.97	JERRY CLARK	57	GARY WEISENTHAL	81	NO RELAY TEAMS	
PETER METZGER	40	SAN DIEGO	2:19.13	ROBERT MILLER	60		
ALLEN STARK	46	BILL EARLEY	58			100-119	
MICHAEL PENDLETON	43	MIKE FRESHLEY	54	280-319		R:SANTA CLARA	94 3:39.63
DOUG PRENTICE	47	CHRIS DIXON	37	R:OREGON	92 2:34.57	SERGEY MARINIUK	
LOS ANGELES PEN	2:03.77	DONALD BAKER	64	FLOYD ELIOTT		JAMES PARRACK	
MICHAEL HAMM	38	LAKESIDE MASTER	2:19.64	BOB MORRISON		MIKE MOORE	
VICTOR WAGNER	39	THOMAS FINNEGAN	49	ANDREW HOLDEN		FRANZ MORTENSEN	
STEVEN VANNORT	44	JAMES GOODWIN	48	GERALD HUESTIS	2:46.78	SANTA CLARA	3:59.49
R.GILBERTSON	40	GLENN HUBBUCH	50	SCAQ		B.LICHTENWALTER	28
LAKESIDE MASTER	2:03.92	RICHARD SCHEU	54	GEORGE BRINTON	71	MARCO CAMPAGNA	24
WILLIAM TINGLEY	45	ARIZONA MASTERS	2:21.53	LEE ARTH	70	MICHAEL MOORE	30
CHRIS BURCKLE	38	RUSSELL KINGERY	51	BOB MERRICK	75	BOB DUGAN	33
SAM BLYTHE	36	TOM WINTERS	55	BOYD JOHNSON	67	TNYA	4:28.59
JOHN NOLAN	46	ROBERT LITMAN	51	SAN DIEGO SWIM	2:50.40	MATTHEW BETMALEK	28
ROLLING HILLS	2:05.41	HOP BAILEY	48	WILLIAM PHILLIPS	67	MATT CLARK	38
DONALD PIERCE	50	FJAL	2:24.93	JIM JONES	67	ANDREW WILLETT	24
PETER BOORSTEIN	34	S.WELLINGHOFF	44	DONALD HUBBARD	68	ROBERT HAMMOND	25
BILL ADKISON	40	SHERRILL MARTIN	58	CLIFF CROOME	78	DCAC	4:44.55
ERIC VAN BOER	40	P.J.KRUEGER	48	OJAI-SANTA BARB	2:50.71	BRADY PHILLIPS	27
DAVIS AQUATIC	2:05.43	C.KILBOURNE	56	FRANK PIEMME	70	MIKE FLYNN	25
ANDREW MC PHERSON	48			JOHN STERN	71	WILLIAM CLEMSON	28
DOUG SMITH	33	240-279		JURGEN SCHMIDT	72	ANDREW VELTHAUS	28
BRAD WINSOR	23	R:BUCKEYE	94 2:17.59	BOYD FORD	70		
EMORY HAWORTH	59	YOSHI OYAKOWA		OREGON MASTERS	2:57.98	120-159	
ARIZONA MASTERS	2:09.53	JOHN MEDICI		EARL WALTER	74	R:THE OLYMPIC CLB94	3:47.83
GARY FRICKEY	38	THOMAS OLANDER		ERIC GUEST	65	ROBERT PLACAK	
MIKE WHITAKER	43	JOHN FLORANCE		ANDREW HOLDEN	76	KURT VANDERBOGART	
JEFF MOXIE	36	SAN MATEO	2:22.24	GILBERT YOUNG	73	SEAN MURPHY	
KEN SANDERS	47	RAYMOND TAFT	76	SAN MATEO	3:01.23	DAVE LUNDBURG	
NORTH CAROLINA	2:10.13	DICK PETERSON	58	RAY TAFT	75	DCAC	4:06.06
RICHARD BOBER	44	BILL STEUART	58	LLOYD WALKER	78	JASON KLUGMAN	24
TOM PALMGREN	41	DONALD GALINE	49	DICK PETERSON	58	ERIK KIELIN	31
DOUG LEE	39	OREGON MASTERS	2:30.43	FRED TAIOLI	73	DAVID MICHAELS	32
ERNIE GLASS	45	JON STOUT	48	COAST MASTERS	3:06.15	JOSE CUNNINGHAM	39
MICHIGAN MASTER	2:12.72	MILTON MARKS	65	BRION WINSHIP	77	SANTA CLARA	4:12.80
RICHARD CHANEY	45	ARTHUR WELCH	62	WALT PFEIFFER	81	DWIGHT MANNING	34
FRANK THOMPSON	43	ERIC GUEST	65	BOB CHRISTIANS	79	HOWARD COYE	40
LEONARD BROCKHAHN	45	SAN DIEGO SWIM	2:31.71	WOODROW BOWERSOCK	82	SCOTT ANDERSON	33
ERIC NORDLUND	31	KENNETH KIMBALL	64	ST LOUIS MASTER	3:06.58	ED CAZALET	52
		LLOYD SKRAMSTAD	61	WILLIAM GRANT	81	UCLA MASTERS	4:14.80
200-239		BILL EARLEY	58	WILLIAM CANNON	65	LANCE BARKER	38
R:OLYMPIC CLUB	94 1:58.50	DONALD BAKER	64	ART KELLEY	69	ROBERT DETTNER	30
TIM BIRNIE		SCAC	2:37.34	ROBERT BLAKE	70	MARK SNYDER	36
ROBERT STRAND		GEORGE BRINTON	71	WALNUT CREEK	3:41.86	GERRY RODRIGUES	32
RICHARD BASSI		BOB MERRICK	75	WILLIAM PECKHAM	66	TNYA	4:21.72
JAMES ELDER		PETER O'KEEFFE	45	ANDREW KALLUNKI	91	JOHN CHAPKO	28
OLYMPIC CLUB	1:59.03	LEE ARTH	70	STAN MORNER	60	JOHN SPEER	25
TIM BIRNIE	49	OREGON MASTERS	2:51.67	ROY ERLANDSON	81	RICHARD VEITH	29
ROBERT STRAND	49	LEO VAN DIJK	62	OREGON MASTERS	4:09.08	BUCK BROKER	39
RICHARD BASSI	54	GEORGE THAYER	59	DAVID BERNSTEIN	73	DCAC	4:22.26
STEVE CLARK	52	DAVID RADCLIFF	61	ALLAN DE LAY	80	SCOTT GAMMANA	31

# TOP TEN

## Long Course Meters

LEO ESPINOSA	35	DONALD KROEGER	51	TERENCE YOUNG	29	LARRY NYMAN	
TIM MCDONALD	31	DCAC	7:57.07	DAN BORTON	27	OLYMPIC CLUB	4:37.06
DEAN DELIBIRTIS	32	BRUCE MURRIE	50	STEVE LATTA	28	JIM BEGLINGER	49
WEST COAST AQUA	4:22.96	HAL PONDER	54	DCAC	5:05.05	ROBERT STRAND	49
DAVID DOUR	29	ROBERT ABRAMSON	52	BRYAN KUNDRATH	23	CHARLES YOURD	43
DAVID STUHR	54	BILL DONOVAN	51	BRUCE BORNFLETH	28	MIKE KECK	35
PAUL WEISS	27			ROBERT STOFFERSON	33	WALNUT CREEK	4:39.54
AARON BARTLESON	24	240-279		SCOTT GAMMANA	31	DAVE AHLMAN	42
SANTA CLARA	4:31.79	R:RINCONADA	94 4:49.02	TNYA	5:22.56	JOHN ROEMER	40
DANIEL DIKE	28	ALDO DA ROSA		RICHARD VEITH	29	KERRY O'BRIEN	38
DICK WESENDUNK	32	RICHARD BENNETT		MATTHEW BETMALEK	28	CARY KENT	43
TOM SMITH	32	JAMES SHAW		ROBERT HAMMOND	25	DAVIS AQUATIC	4:57.84
ANDY PLUEMER	37	JOHN SELMER		JOHN CHAPKO	28	DOUG SMITH	33
CRESCENT HILL	4:39.37	SAN DIEGO	5:26.53			EMORY HAWORTH	59
WILLIAM POLK	26	WILLIAM PHILLIPS	67	120-159		ANDY MCPHERSON	48
JOHN GRAHAM	49	LLOYD SKRAMSTAD	61	R:THE OLYMPIC CLB94	4:04.49	SCOTT HARRIS	41
THOMAS MESTER	43	DONALD BAKER	64	SEAN MURPHY		JMST	5:07.36
MICHAEL NEAL	31	KENNETH KIMBALL	64	STUART CORLISS		ED NESSEL	50
DCAC	4:40.75	OJAI-SANTA BARB	6:17.36	DAVID LUNDBERG		ARTHUR DEFAA	46
NEIL WILLIAMS	27	RICK GOEDEN	48	MIKE KECK		JIM DRAGON	51
PETER BEARD	35	ROBERT MAY	61	WALNUT CREEK	4:27.30	RICHARD WALLACE	47
SCOTT HERBST	30	BOYD FORD	70	TOM DUGAN	37	SANTA CRUZ	5:27.02
JOEL GINSBERG	32	JOHN MELVILLE	75	TERRY DIXON	30	PAUL WRANGEL	56
MICHIGAN MASTER	4:41.63			STEVE STAHL	30	ANDY RADOVAN	28
ERIC NORDLUND	31	280-319		JOHN SCHWENGER	30	JOEL WILSON	46
THOMAS SCHARDT	27	R:OREGON	93 5:41.34	STANFORD MASTER	4:31.32	DAVE HOPE	41
FRANK THOMPSON	43	EARL WALTER		STEVE STRONG	41	WIS MASTERS	5:27.09
TOM LYNCH	31	FLOYD ELIOTT		TIM BRODERICK	44	KEITH KRUEGER	38
		GIL YOUNG		JIM TUCKER	34	ARTHUR SANCHEZ	45
160-199		ANDREW HOLDEN		CHRIS MORGAN	24	ALAN BECKER	52
R:THE OLYMPIC CLB94	4:00.68	NO RELAY TEAMS		O*H*I*O MASTERS	4:38.44	STEPHEN JUSTINGER	42
JAMES BEGLINGER				LOU HORWITZ	42	DCAC	5:45.76
R TOD SPIEKER		320-359		KARL KAZMAIER	40	BARRY HADDAN	44
STUART CORLISS		R:COAST MASTERS	95 7:28.37	WINSTON RITCHEY	27	TONY MACDONALD	42
MIKE KECK		ROBERT CHRISTIANS		JOE O'BRIEN	41	DOUG WILSON	44
OLYMPIC CLUB	4:10.57	WOODROW BOWERSOCK		HEARTLAND	4:48.46	JIM MARKS	45
ROBERT STRAND	49	WALTER PFEIFFER		JOEL HULL	25	WILDCAT MASTERS	6:16.80
JIM BEGLINGER	48	JOHN GLENN		RON SCHAFFER	37	DONALD SHIELDS	64
RICHARD BASSI	54	COAST MASTERS	7:28.37	COURT LEVY	21	MATTHEW PAINTER	36
MIKE KECK	35	WOODROW BOWERSOCK	82	LEE MENCH	42	DENNIS HAMILTON	48
CHINO HILLS	4:43.55	BOB CHRISTIANS	79	MOUNTAIN VIEW	4:56.10	CHAD RIEGLE	20
DAN LUTTRELL	39	JOHN GLENN	84	MIKE LEMONS	23		
GARY PRICE	42	WALT PFEIFFER	81	TODD JUNKIN	37	200-239	
THOMAS ELDER	47	*****		LANE MORGAN	23	R:THE OLYMPIC CLB94	4:38.46
THOMAS FARMERIE	43	RELAYS: M E N 400 M. MEDLEY		CARL TASWELL	39	TIM BIRNIE	
DCAC	5:06.93	*****		SANTA CRUZ	4:57.61	ROBERT STRAND	
FREDERICK JOHNSON	35	76 - 99		JOHN SULTAN	48	RICHARD BASSI	
TONY MACDONALD	42	R:THE OLYMPIC CLB94	4:24.89	MARTIN LIVESEY	29	JAMES ELDER	
JIM MARKS	45	JIM MURRAY		IAN HARPER	28	OREG	5:21.85
JIM GODFREY	40	ERIC TARBELL		MICKEY WENDER	28	ROBERT SMITH	52
HEARTLAND	5:19.69	JOHN WITCHEL		SAN FRANCISCO P	4:57.66	DOUG PRENTICE	46
RON WILLIAMSON	56	STEPHEN GOTH		KENNETH HILLAN	34	DOUG ADAMS	45
RON SCHAFFER	37	WALNUT CREEK	4:35.64	STEVE MURRAY	40	GEORGE THAYER	59
BRUCE MENZIES	45	BRIAN BASKIN	22	CHRIS RESLER	27	WALNUT CREEK	5:25.42
MOZE MOSSAY	41	PAUL STILING	29	PETER GLADYCZ	31	DON BROWN	62
LAKESIDE MASTER	5:48.40	VINCENT LANES	24	CRESCENT HILL	5:03.88	JESS SMYERS	48
ROBERT MILLER	60	MIKE HAYES	21	DAN BEHR	50	STAN MORNOR	60
CHARLES CARTER	43			THOMAS MESTER	43	DON DAVIS	50
WOODY TURRENTINE	46	100-119		MICHAEL NEAL	31	LAKESIDE MASTER	5:38.51
WILLIAM WITTIG	45	R:DCAC	95 4:13.89	WILLIAM POLK	26	WILLIAM TINGLEY	44
		DAVID GREER		MICHIGAN MASTER	5:36.72	MARTIN O'TOOLE	55
200-239		NEILL WILLIAMS		ERIC NORDLUND	31	JOHN NOLAN	46
R:LOS ALTOS	94 4:05.72	THOMAS AUGSPURGER		THOMAS SCHARDT	27	ROBERT MILLER	60
DAVE GRAY		DAVID MICHAELS		FRANK THOMPSON	43	O*H*I*O MASTERS	7:06.58
ED CAZALET		DCAC	4:27.08	BRIAN WHALEN	55	DAVE BARBERIC	42
DICK JAMES		DAVID MCNEAR	26	CHINO HILLS	5:38.30	GERALD MEYER	51
BOB PROEBSTING		NEIL WILLIAMS	27	VICTOR ROMAN	19	RICHARD FRYLING	63
SAN DIEGO	5:00.05	ERIK KIELIN	31	JOHN SALVINO	37	JULIO APONTE	50
BILL EARLEY	58	DAVID MICHAELS	32	GARY REESE	29		
JIM JONES	67	DAVIS AQUATIC	4:33.50	MIKE RUSSO	42	240-279	
MIKE FRESHLEY	54	MATT GRAHN	23			R:RINCONADA	91 5:31.14
BRUCE LINDQUIST	41	JEFF FALEY	30	160-199		ELI GOLDFARB	
MICHIGAN MASTER	5:12.19	TODD GREENE	25	R:MINNESOTA	94 4:35.87	ALDO DA ROSA	
THOMAS MOYER	47	BRAD WINSOR	23	PAUL WINDRATH		DAVID LEVINSON	
BOB HERITIER	66	VENICE	4:47.99	JOHN EVERS		ED KERSWILL	
BRIAN WHALEN	55	BOB EBERWINE	35	JOHN MCCALL		SAN DIEGO	7:06.67

# TOP TEN

## Long Course Meters

RICHARD LABAHN	66	CHARLES CARSON	41	JOHN SELMER		HIROTAKA SATO	40
DONALD HUBBARD	68	MICHIGAN MASTER	10:14.26	SAN DIEGO	12:40.77	H KITMURA	19
JIM JONES	67	TOM LYNCH	31	KENNETH KIMBALL	64	SAORI MAKIKIBO	19
WILLIAM PHILLIPS	67	FRANK THOMPSON	43	RICHARD LABAHN	66	N TAMAI	19
280-319		THOMAS SCHARDT	27	DONALD BAKER	64		
R:COLONIALS	90 6:30.60	ERIC NORDLUND	31	WILLIAM PHILLIPS	67	100-119	
ROGER FRANKS		VENICE	11:52.94	LAKESIDE MASTER	15:47.93	R:HOLMES	88 1:45.58
NORMAN GARSOE		GARY NUGENT	29	GARY WEISENTHAL	81	MARK SCHUMAN	
BIRCH DAVIDSON		WILLIAM KING	31	JOHN SIMMS	77	MARY HOLMES	
FRANK BELLAIRE		JOHN KOCKER	40	MARTY O'TOOLE	55	SAM SEIPLE	
SAN MATEO	8:01.38	ANTONIO SALCEDO	24	RICHARD SCHEU	54	TISH BUCHER	
BOB CUNNINGHAM	67	160-199		280-319		STANFORD MASTER	1:48.10
LLOYD WALKER	79	R:THE OLYMPIC CLB94	9:02.49	R:SAN MATEO	94 12:22.64	CHRISTOPHE MORGAN	24
RAY TAFT	76	JOE DIETRICH		RAY TAFT		KEVIN KOSKELLA	24
ROGER CAMPBELL	65	FRED FERROGGIARRO		FRED TAIOLI		MARTIE MC KINNEY	30
320-359		R TOD SPIEKER		ED MORAN		KANA SHIBUYA	23
R:COAST MASTERS	95 8:48.03	STUART CORLISS		BILL STEUART		WALNUT CREEK	1:48.22
LOUIS GIBERSON		DAVIS AQUATIC	9:41.65	NO RELAY TEAMS		MICHELLE GHIGGERI	26
JOHN GLENN		BRAD WINSOR	23	320-359		PENNY LEACH	32
WALTER PFEIFFER		EDUARDO DUQUE	31	R:COAST MASTERS	95 17:33.86	TERRY DIXON	30
WOODROW BOWERSOCK		EMORY HAWORTH	59	JOHN GLENN		STEPHEN STAHL	30
COAST MASTERS	8:48.03	ANDY MCPHERSON	48	ROBERT CHRISTIANS		MULNOMAH AC	1:51.18
WOODROW BOWERSOCK	82	CRESCENT HILL	10:02.98	WALTER PFEIFFER		JOHN KEPPELER	28
JOHN GLENN	84	MICHAEL LEMKE	38	WOODROW BOWERSOCK		KATHLEEN BOYD	24
WALT PFEIFFER	81	JOHN GRAHAM	49	COAST MASTERS	17:33.86	DANIEL JORGENSEN	27
LOUIS GIBERSON	74	THOMAS MESTER	44	WOODROW BOWERSOCK	82	MICHELLE DONAHUE	27
*****		JEFF HOGG	29	JOHN GLENN	84	CRESCENT HILL	1:52.82
RELAYS: M E N 800 M. FREE		STANFORD MASTER	10:44.30	WALT PFEIFFER	81	JEFF HOGG	30
*****		PETER MCDONALD	32	BOB CHRISTIANS	79	JANET ZELLER	32
76 - 99		BARRY FASBENDER	58	*****		GINA MARIE GATTI	32
R:DAVIS	89 9:11.58	JOHN KLIMP	50	RELAYS: MIXED 200 M. FREE		JEFF FELTZER	24
MIKE COLLINS		TIM BRODERICK	44	*****		ALASKA MASTERS	1:53.72
JEFF BAILEY		SWOM	11:29.01	76 - 99		MIA COSTELLO	27
JEFF HICKS		AL LLOYD	47	R:UNIV SAN FRAN	92 1:48.50	KRIS HALL	27
TOM MCNAMARA		RAY WITTE	45	CYNTHIA HINSHAW		RAYMOND BILLINGS	30
NO RELAY TEAMS		RICHARD CHISHOLM	60	GARY YANG		MICHAEL SORENSEN	27
100-119		RANDY SIMONS	47	JANET HAUER		CRAW	1:54.62
R:SANTA CLARA	94 8:04.17	LAKESIDE MASTER	11:34.30	ANDREW GELLER		ADAM WERTH	25
SERGEY MARINIUK		GLENN HUBBUCH	49	DAVIS AQUATIC	1:55.22	CLAIRE ORR	19
FRANZ MORTENSEN		TONY AMBROSE	49	TATE BIRNIE	20	MOLLY WOLF	35
JAMES PARRACK		TED WATHEN	47	CHRISTINE SCHULTZ	24	SCOTT RABALAIS	36
MIKE MOORE		CHARLES CARTER	42	MICHAEL COLLINS	29	MOVY	1:57.15
DCAC	10:21.20	O'H*I'O MASTERS	11:43.23	BRAD WINSOR	23	JENNIFER HAMMOND	23
BRYAN KUNDRATH	23	GERALD MEYER	51	BOLT	1:59.93	JAMIE PROFFITT	30
BRADY PHILLIPS	27	STEVE HORSFIELD	43	DAVID DIAZ	21	DAVE SWENSON	32
JASON KLUGMAN	24	DAVE BARBERIC	42	KERRY FRITSCHER	26	LOUISE KEOGH	26
DAVID GREER	30	DAVE QUIGGIN	50	JUDY JACKSON	33	OREGON MASTERS	1:57.49
120-159		LAKESIDE MASTER	12:25.85	BRIAN CALIVA	19	JAY O'CONNOR	26
R:HEARTLAND	92 8:48.95	WILLIAM WITTIG	45	ILLINOIS MASTER	2:01.27	JULIE RYAN	26
MIKE TOLMAN		TOM GRANT	43	PATRICK TOTH	23	C.CHRISTENSEN	26
JEFF REILLY		DAVID JONES	37	BRANDY MAYBERRY	23	ANTON LENEIS	25
RANDY EICKHOFF		WOODY TURRENTINE	46	JOHN BECKER	31	NORTH CAROLINA	1:57.71
LEE MENCH		200-239		CARYN SCHULTZ	20	TIA PARDUE	24
DCAC	9:00.07	R:THE OLYMPIC CLB94	9:28.05	SANTA CLARA	2:03.84	J.KOWALSKY	27
DAVID MICHAELS	32	TIM BIRNIE		DANIEL DIKE	28	RANDY JARMAN	26
ERIK KIELIN	31	RICHARD BASSI		ALISON BENKE	24	ANDY FARRELL	24
PETER GARRETT	34	JAMES ELDER		ANNE WATKINS	20	VENICE	2:00.47
SCOTT BRINITZER	32	ROBERT STRAND		MARCO CAMPAGNA	23	DAN BORTON	27
WALNUT CREEK	9:20.97	SAN DIEGO	11:47.16	CRAW	2:06.96	GARY NUGENT	29
KERRY O'BRIEN	38	BILL EARLEY	58	ANN SPEED	24	NELL REGAN	25
DEAN HARPER	42	JIM JONES	67	CLARK ALLEN	25	ROBIN GARINGER	22
STEVE PURYEAR	46	MIKE FRESHLEY	54	M. BERGERON	23	120-159	
STEVE STAHL	30	BRUCE LINDQUIST	41	ALBERTO TARAJANO	21	R:LONE STAR	87 1:44.84
UCLA MASTERS	9:36.81	DCAC	19:06.00	OAHU CLUB	2:11.64	L.MORRISON-CASEY	
GERRY RODRIGUES	32	HAL PONDER	54	JUNKO MITANI	19	JACKIE HIRSTY	
MARK SNYDER	36	ROBERT ABRAMSON	52	SAORI KATAOKA	19	RICHARD HESS	
LANCE BARKER	38	BILL DONOVAN	51	TAKEISHI UDA	19	JIM MONTGONERY	
ROBERT DETTMER	30	BRUCE MURRIE	50	TOMOYA TSUBAI	19	WALNUT CREEK	1:51.66
TNYA	10:09.20	240-279		OREGON MASTERS	2:11.86	DAVID COOL	34
BUCK BROKER	39	R:RINCONADA	94 10:55.42	ELIZABETH ORWAT	27	PAULA ROEMER	34
CHARLES RILEY	41	ALDO DA ROSA		JUSTINE HANSEN	19	MINDY HAMWAY	36
JOHN SPEER	25	RICHARD BENNETT		MARK AERTS	20	GARY PATTERSON	35
		JAMES SHAW		TIMOTHY DAMM	27	SAN DIEGO	1:54.31
				OAHU CLUB	2:30.01	CHRIS DIXON	37
						MATHILDE BOUWMA	27

# TOP TEN

## Long Course Meters

VICKY DAVIDSON	30	SUZANNE COOPER	45	JIM BIGLER	59	JAMES EDWARDS	72
COLIN CHINN	37	NANCY VINCENT	36	EVELYN SINAI	55	F.H. TED HAARTZ	67
BERKELEY AC	1:54.52	MICHAEL PENDLETON	43	LAVELLE STAINOFF	62	WIS MASTERS	2:54.28
KENNETH FITCH	30	MULNOMAH AC	2:00.19	ALEX STILES	29	LYNN SURLS	78
LORNA CIADELLA	31	KARL VON TAGEN	51			FRAN ZEUMER	75
JULIE STEWART	33	TERI HENDRYX	42	240-279		BETTY KENDALL	75
SCOTT YEOMANS	31	GINGER PIERSON	49	R:LOS ALTOS	92 2:10.74	ALAN BECKER	52
OREG	1:56.28	JEFF STILING	35	JOHN RICHARDS		DC MASTERS	3:05.93
KURT BARON	31	ARIZONA MASTERS	2:01.53	JAY CRADDOCK		DAVID MC AFEE	86
TONI HECKSEL	29	GINA DEMARCO	32	DELLA SEHORN		SCROGGIE WILEY	74
GRACIE GODDARD	35	SARA LUNDGAARD	40	LAURA VAL		ANNE WALKER	79
ANTON LENEIS	25	STEVE PYLE	45	SAN DIEGO SWIM	2:21.79	BARBARA ZAREMSKI	58
CRESCENT HILL	1:57.05	EDWIN PYLE	46	DONALD BAKER	64	MICHIGAN MASTER	3:08.72
JOHN VOORHEES	36	WILDCAT MASTERS	2:02.07	BETSY JORDAN	58	TOM REIGEL	65
C.CARMICHAEL	28	SUSAN BRADLEY-COX	57	ADRIENNE PIPES	61	EDITH GLUSAC	76
BRIDGET NASTASI	28	JEANNIE JOHNSON	34	BILL EARLEY	58	RAY GILLILAND	72
MICHAEL NEAL	31	MATTHEW PAINTER	36	WALNUT CREEK	2:24.34	LOIS NOCHMAN	70
ALASKA MASTERS	1:59.39	DENNIS HAMILTON	48	DONALD BROWN	62	BOLT	3:30.12
RICK ABBOTT	40	ILLINOIS MASTER	2:02.51	MIDGE KRAETZER	56	N HEDRICK	72
JOANNE WAINWRIGHT	40	PHIL DODSON	42	JOAN ALEXANDER	63	ELMER FROST	72
MELINDA GREIG	37	DEE RAGALIE	43	STAN MORNER	60	CLAIRE ROACH	67
BRAD GAMBLIN	39	TOM DOETSCH	43	ROCKY MOUNTAIN	2:34.15	MARGARET BROU	72
ALHAMBRA MASTER	1:59.70	DIANNE BARRY	37	MARK PLUMMER	59	COAST MASTERS	3:30.91
JOAN VER HALEN	26			JOHN WRENN	74	MAURINE KORNFELD	73
FABIO ASTUDILLO	42	200-239		CATHY WRENN	68	BRION WINSHIP	77
SUSAN HUMMER	25	R:LOS ALTOS	94 1:55.50	JENNY WRENN	41	MARGO BOUER	60
TYRONE BROWN	31	EDWARD CAZALET		OREGON MASTERS	2:34.71	DON NEEFE	86
CRAW	1:59.84	LAURA VAL		B.L'ESPERANCE	63	SAN MATEO	3:41.57
AARON ALTURA	32	ARLENE PROEBSTING		PEGGY WHITER	51	JOE KAUFMAN	90
HELEN CANE	39	ROBERT PROEBSTING		ERIC GUEST	65	HELEN ROUMASSETT	79
LESLIE STANLEY	33	TAMALPAIS	2:01.14	MILTON MARKS	65	RAY TAFT	75
STEVE HECK	45	ROBERT OLSON	51	OREGON MASTERS	2:39.41	ZADA TAFT	75
SIERRA NEVADA	1:59.97	BEN WRIGHT	52	ARTHUR WELCH	62	OREGON MASTERS	3:50.35
NANCY ROSE	33	R.BRITTINGHAM	44	NONA FORRESTER	51	ELFIE STEVENIN	74
DAVID HOOVER	33	NANCY RIDOUT	53	PAMELA HIMSTREET	51	JUDY MELCHER	75
SUSIE HOBSON	27	OREGON MASTERS	2:05.27	ALLAN DE LAY	80	GERALD HUESTIS	75
CHIP HOBSON	28	ROBERT SMITH	52	LAKESIDE MASTER	2:41.14	LEO VAN DIJK	62
WALNUT CREEK	2:00.21	JANET GETTLING	47	MARY JANE MULLINS	64		
HOWARD HART	42	SANDI ROUSSEAU	47	CAROL FERGUSON	63	320-359	
KERRY O'BRIEN	38	RONALD NAKATA	56	MARTY O'TOOLE	55	R:D C MASTERS	93 3:03.15
CATHY COOLEY	37	SAN DIEGO SWIM	2:06.38	ROBERT MILLER	60	NANCY CLARK	
ANNE BERBERI	39	KARLYN PIPES	33	SAN MATEO	2:43.74	ANNE WALKER	
		MARY GREGORIO	42	BILL STEUART	58	KELLY LEMMON	
160-199		KENNETH KIMBALL	64	HELEN ROUMASSET	80	DAVID MCAFEE	
R:RMM	92 1:47.46	JIM JONES	67	DALE FINCH	45	LAKESIDE MASTER	3:58.18
CATHY DROZDA		DAVIS AQUATIC	2:08.88	DICK PETERSON	58	MEME HABICH	80
JUDY REED		ANDREW MC PHERSON	48	OJAI-SANTA BARB	2:44.37	F DOROTHY RIORDAN	83
TOM WHATLEY		BETTY DUGAN	54	JOHN BLECK	62	GARY WEISENTHAL	81
RICHARD ABRAHAMS		SUSAN MUNN	56	JURGEN SCHMIDT	72	JOHN SIMMS	77
OLYMPIC CLUB	1:51.53	EMORY HAWORTH	59	RUTH FARNHAM	65	WALNUT CREEK	4:07.21
STEVE CLARK	52	OREGON MASTERS	2:13.68	GRACE ALTUS	71	ANDREW KALLUNKI	91
MIKE KECK	35	GEORGE THAYER	59	ST LOUIS MASTER	2:45.57	JEAN DURSTON	81
MARGUERITE MEYER	36	MONIKA HUNSCHER	47	REGAN KENNER	71	ROY ERLANDSON	81
DANIELLE OGIER	42	SUSAN CASE	46	DOROTHY BURKE	55	JAE HOWELL	72
WALNUT CREEK	1:57.29	BERT PETERSEN	56	WILLIAM CANNON	65	*****	
JOHN ROEMER	40	NORTH CAROLINA	2:15.95	ROBERT BLAKE	70	RELAYS: MIXED 200 M. MEDLEY	
DAVID AHLMAN	44	SALLY NEWELL	57	WIS MASTERS	2:48.75	*****	
CHARLENE O'BRIEN	38	JOHN KORTHEUER	64	DORIS KLITZKE	60	76 - 99	
PATTY LANDERS	38	J.MITCHELL	48	INGRID STINE	56	R:UNIV SAN FRAN	92 2:02.31
SANTA CLARA	1:58.68	JERRY CLARK	57	JOHN BAUMAN	65	GARY YANG	
ED CAZALET	52	SAN DIEGO	2:17.97	ROBERT KUENY	64	JANET HAUER	
LAURA VAL	44	BILL EARLEY	58			GREG MACKEM	
KEVIN LANCER	40	BETSY JORDAN	58	280-319		CYNTHIA HINSHAW	
THERESA HESSLER	43	JEANNE LITTLE	58	R:OREGON	92 2:31.29	DAVIS AQUATIC	2:13.13
LAKESIDE MASTER	1:58.83	ERIC NEILSEN	29	GERALD HUESTIS		TATE BIRNIE	20
WILLIAM TINGLEY	45	PNA	2:19.21	ANDREW HOLDEN		MICHAEL COLLINS	29
MARY CHRIS CURL	38	KATHRINE CASEY	46	PETEY SMITH		BRAD WINSOR	23
JOHN NOLAN	46	KATE SUTHERLAND	47	PAULINE STANGEL		TRACY KNORR	25
AMY POPE	35	STEVEN PETERSON	48	OREGON MASTERS	2:32.07	SANTA CLARA	2:17.25
ROLLING HILLS	1:59.71	DAVID ADDELMAN	60	ANDREW HOLDEN	76	JEFF ALLEN	26
GEORGE VIGUIE	51	LAKESIDE MASTER	2:19.71	PAULINE STANGEL	73	SCOTT ANDERSON	33
COKIE LEPINSKI	36	THOMAS FINNEGAN	49	PETEY MH SMITH	71	E.THUNEN-FRENCH	20
DIANE URSIN	32	A.WRIGHT-BELKNAP	44	DAVID RADCLIFF	61	LAURA VIALE	20
RONALD BRYANT	47	GLENN HUBBUCH	50	NEW ENGLAND	2:32.59	ARIZONA MASTERS	2:21.40
OREGON MASTERS	2:00.11	MARY ANN STONE	61	CLARA WALKER	69	OMAR SUWARNO	32
DOUG PRENTICE	47	MULNOMAH AC	2:22.35	B.BURRILL	74	SARAH WILLIAMS	22

# TOP TEN

## Long Course Meters

JOHN GRAVES	21	ALASKA MASTERS	2:05.94	JUDY HELLER	40	BARBARA DUNBAR	46
EMILY MANN	20	JOANNE WAINWRIGHT	40	LAKESIDE MASTER	2:14.88	JEANNE LITTLE	58
CRAW	2:31.56	MIA COSTELLO	27	WILLIAM TINGLEY	45	SAN MATEO	2:36.74
M. BERGERON	23	MICHAEL SORENSEN	27	MARY CHRIS CURL	38	DICK PETERSON	58
WADE RIDDICK	26	RICK ABBOTT	40	JOHN NOLAN	46	NITSA SWAIN	39
ROBIN ROBINSON	24	MULNOMAH AC	2:08.38	AMY POPE	35	BILL STEUART	58
ALBERTO TARAJANO	21	DANIEL JORGENSEN	27	PNA	2:15.81	DALE FINCH	45
		TERI HENDRYX	42	STEPHEN FREEBORN	40		
100-119		JEFF STILING	35	STEVEN PETERSON	48	240-279	
R:HOUSTONIAN CLUB90	1:56.50	KATHLEEN BOYD	24	DEBBIE GLASSMAN	41	R:NEW ENGLAND	88 2:29.30
CLAY BRITT		RINCONADA	2:09.39	KATHRINE CASEY	46	CLARA WALKER	
L WETZEL-OSBORNE		CHRIS KANAZAWA	29	WALNUT CREEK	2:16.52	TED HAARTZ	
STUART KNOWLES		FRED FARLEY	41	JIM KING	48	WIN WILSON	
REBECCA WETZEL		JAMIE RAAB	25	S.OTELLO-OSBORNE	34	DIANE REED	
WALNUT CREEK	2:04.85	JIM WANDERER	29	CHARLENE O'BRIEN	38	WALNUT CREEK	2:38.86
KATHLEEN HARTNETT	23	VENICE	2:13.01	DAVE AHLMAN	44	DONALD BROWN	62
KAREN HEARD	25	BOB EBERWINE	35	MINNESOTA	2:17.47	STAN MORNER	60
JEFF RODGERS	28	TERENCE YOUNG	29	PAUL WINDRATH	41	MIDGE KRAETZER	56
VINCENT LANE	24	CAROLE SHIGAKI	40	M.WINDRATH	42	BETTY BARABASH	67
BERKELEY AQUAT	2:05.17	TERI ELLIS	27	CHARLES NIELSEN	49	SAN DIEGO SWIM	2:42.01
MARY RYAN	24	PNA	2:13.08	PEGGY KRATZ	35	BETSY JORDAN	58
SCOTT YEOMANS	31	LARRY DEGROEN	33	LONG BEACH SWIM	2:18.44	DONALD BAKER	64
KENNETH FITCH	30	CATHY WALTERS	34	MIMI FRANK	48	BILL EARLEY	58
LORNA CIADELLA	31	LISA GOMEZ	26	DAVE FRANK	51	ADRIENNE PIPES	61
DAVIS AQUATIC	2:11.13	JOEL EDWARDS	37	MICHAEL HEATHER	41	RINCONADA	2:42.54
DOUG SMITH	33	WALNUT CREEK	2:13.13	LUCY JOHNSON	48	ANN KAY	61
CHRISTINE SCHULTZ	24	TOM DUGAN	37			JACK HALLIDAY	58
TODD GREENE	25	KRISTINE COLYER	30	200-239		BOBBIE CALLISON	62
JENNY LUNDMARK	29	KERRY O'BRIEN	38	R:LOS ALTOS	94 2:14.32	RICHARD BENNETT	64
CRESCENT HILL	2:12.44	MINDY HAMWAY	36	EDWARD CAZALET		ROCKY MOUNTAIN	2:43.47
JEFF FELTZER	24	OREGON MASTERS	2:13.29	TOM BOAK		JACK TRUBY	71
GINA MARIE GATTI	32	RON TAYLOR	34	CAROLYN BOAK		J.MURPHY-SHERMAN	51
MICHAEL NEAL	31	DALE WALKER	31	ARLELE PROEBSTING		JUDY REED	51
JANET ZELLER	32	DONNA RYAN	32	TAMALPAIS	2:15.86	ROBERT MC DERMOTT	73
WALNUT CREEK	2:13.10	T.WALKER	29	RICHARD BURNS	52	OREGON MASTERS	2:47.78
JIM MORGAN	29	CRAW	2:14.40	ROBERT OLSON	51	FLOYD ELIOTT	68
KIM MORGAN	29	ADAM WERTH	25	R.BRITTINGHAM	44	JOAN MORRIS	65
TODD BAILEY	24	STEVE HECK	45	NANCY RIDOUT	53	PAMELA HIMSTREET	51
SUSAN VAN SICKLE	25	ANN SPEED	24	MULNOMAH AC	2:21.70	DAVID RADCLIFF	61
WALNUT CREEK	2:13.34	MOLLY WOLF	35	DAVID BURLESON	38	WALNUT CREEK	2:53.73
MICHAEL HEANEY	28	SANTA CLARA	2:14.67	GINGER PIERSON	49	BILL PECKHAM	66
PAUL STILING	29	DIANA WHIPPLE	28	KARL VON TAGEN	51	JOAN ALEXANDER	63
MICHELLE GHIGGERI	26	HOWARD COYE	40	LAVELLE STOINOFF	62	SANDO	61
MARGARET BALDWIN	33	BOB DUGAN	33	OLYMPIC CLUB	2:23.99	DONNA MONROE	61
ORE	2:14.49	CHELSEA KNAPP	25	MARGERY MEYER	72	ST LOUIS MASTER	2:57.69
ANTON LENEIS	25			K.BOGART	41	REGAN KENNER	71
TONI HECKSEL	29	160-199		RICHARD BASSI	54	DOROTHY BURKE	55
GRACIE GODDARD	35	R:SPM	92 2:02.86	MARGUERITE MEYER	36	ART KELLEY	69
KEVIN NOAH	23	JUDY STEFANICK		LAKESIDE MASTER	2:29.31	ROBERT BLAKE	70
ARIZONA MASTERS	2:15.19	ARTHUR HALTTUNEN		THOMAS FINNEGAN	49	SAN MATEO	3:04.41
WILLIAM COBB	24	WILLIAM SPECHT		A.WRIGHT-BELKNAP	44	DALE FINCH	45
CAROLYN HOUTZ	26	ANNE PAGE		GLENN HUBBUCH	50	DICK PETERSON	58
MICHELE OWARA	24	OLYMPIC CLUB	2:04.10	MARY JANE MULLINS	64	BILL STEUART	58
EDWIN LONGWELL	26	TIM BIRNIE	49	DC MASTERS	2:29.37	HILDA BUEL	81
HEARTLAND	2:15.41	ROBERT STRAND	49	BARBARA FRID	53	MULNOMAH AC	3:05.13
VICKI WEBSTER	33	ALICIA WALKER	26	RONALD GREGER	50	BETSY AUSTEN	68
RON SCHAFER	37	DANIELLE OGIER	42	ROBERT CASEY	50	EVELYN SINAI	55
COURT LEVY	21	WALNUT CREEK	2:07.70	BARBARA ZAREMSKI	58	ROBERT KIM	61
TABITHA BONNEY	24	GERRY KEELER	45	SAN DIEGO SWIM	2:29.68	THOMAS FALK	60
MOVY	2:15.48	JOHN ROEMER	40	KARLYN PIPES	33	WIS MASTERS	3:09.00
ANTHONY THOMPSON	31	DEBBIE FLANSBURG	39	LLOYD SKRAMSTAD	61	DORIS KLITZKE	60
LOUISE KEOGH	26	MINDY HAMWAY	36	DONALD HUBBARD	68	JOHN BAUMAN	65
JENNIFER HAMMOND	23	TEXAS AQUATIC	2:11.33	GINI BAKER	44	ROBERT KUENY	64
JAMIE PROFFITT	30	B.RANSOM-NELSON	42	TAMALPAIS	2:33.56	INGRID STINE	56
		LARRY WOOD	41	LESLIE ULEN	38		
120-159		KARLENE WISE	41	BEN WRIGHT	52	280-319	
R:D.C. MASTERS	85 1:58.03	S.NEILSON-BELL	39	CHARLOTTE JENKINS	56	R:O*H*I*O	93 2:56.33
THOMAS WOLF		OREGON MASTERS	2:13.79	DORE SCHWAB	73	BETTY RUSS	
MATTHEW KANZLER		PETER METZGER	40	LAKESIDE MASTER	2:36.16	LILLY KRON	
SUSAN SKIFF		MICHAEL PENDLETON	43	LINDA HUBBUCH	50	PAUL KRUP	
JACKI HIRSTY		SANDI ROUSSEAU	47	JAMES GOODWIN	48	DEXTER WOODFORD	
WALNUT CREEK	2:01.34	GRACIE GODDARD	35	THEODORE WATHEN	48	NEW ENGLAND	3:01.36
PENNY LEACH	32	STANFORD MASTER	2:14.22	JOYCE VOIT	60	MARDIE BROWN	78
TERRY DIXON	30	STEVE STRONG	41	SAN DIEGO	2:36.71	F.H. TED HAARTZ	67
STEPHEN STAHL	30	EILEEN WALL	37	MIKE FRESHLEY	54	CLARA WALKER	69
PAULA ROEMER	34	TIM BRODERICK	44	BILL EARLEY	58	JAMES EDWARDS	72

# TOP TEN

## Long Course Meters

OREGON MASTERS	3:08.50	MICHAEL COLLINS	29	R:OLYMPIC CLUB	95	4:08.95	ROBERT BLAKE	70
ANDREW HOLDEN	76	TODD GREENE	25	ROBERT STRAND			240-279	
PAULINE STANGEL	73	RINCONADA	4:28.12	MIKE KECK			R:OREGON	89 5:28.68
ERIC GUEST	65	JAMIE RAAB	25	MARGUERITE MEYER			PETEY SMITH	
PETEY MH SMITH	71	KAI CHING CHA	24	DANIELLE OGIER			GIL YOUNG	
COAST MASTERS	3:42.73	JIM WANDERER	29	OLYMPIC CLUB	4:08.95		EARL WALTER	
BRION WINSHIP	77	FRED FARLEY	41	BOB STRAND	49		BARBARA FRID	
MARTI GOGNIAT	84	VENICE	4:41.83	MIKE KECK	35		WALNUT CREEK	5:34.38
WALT PFEIFFER	81	DAN BORTON	27	MARGUERITE MEYER	36		STAN MORNER	60
MAURINE KORNFELD	73	GARY NUGENT	29	DANIELLE OGIER	42		DONNA MONROE	61
OREGON MASTERS	4:18.05	NELL REGAN	25	WALNUT CREEK	4:18.42		BARBARA JORDAN	58
ELFIE STEVENIN	74	ROBIN GARINGER	22	JIM KING	45		DON BROWN	61
GERALD HUESTIS	75	SANTA CRUZ	4:45.57	SUZANNE HEIM	37		O**I*O MASTERS	6:31.52
ARTHUR WELCH	62	MARTIN LIVESEY	29	CHARLENE O'BRIEN	38		LILLY KRON	63
JUDY MELCHER	75	AMY DEARMOND	26	JOHN ROEMER	40		DORIS LOCKER	51
BOLT	5:19.51	LAURA STUCHINSKY	37	STANFORD MASTER	4:18.68		PIETER CATH	65
MARGARET BROU	72	ANDY RADOVAN	26	STEVE STRONG	41		DOUG BROGAN	63
ELMER FROST	72	WALNUT CREEK	4:50.25	EILEEN WALL	37		WIS MASTERS	6:46.46
CLAIRE ROACH	67	KEVIN PONTI	26	JUDY HELLER	40		DORIS KLITZKE	60
N HEDRICK	72	JENNIFER GRAY	23	TIM BRODERICK	44		JOHN BAUMAN	65
		JAMIE BAKER	24	WALNUT CREEK	4:25.65		INGRID STINE	56
		FRANK PIRUZMAND	34	DAVE AHLMAN	44		ROBERT KUENY	64
				PATTY LANDERS	38			
320-359				MINDY HAMWAY	36			
R:SAN MATEO	94 3:57.45			GENE HART	42		280-319	
JOE KAUFMAN		120-159		DAVIS AQUATIC	4:49.49		R:SAN MATEO	89 6:08.62
HELEN ROUMASSET		R:WALNUT CREEK	91 4:01.94	DOUG SMITH	33		AUDREY ETIENNE	
RAY TAFT		CAREN LEWIS		GAYLE BONDURANT	48		RAY TAFT	
AUDREY ETIENNE		PAULA ROEMER		ANDY MCPHERSON	48		ZADA TAFT	
SAN MATEO	4:03.33	TOM FRISTOE		BETTY DUGAN	54		FRED TAIOLI	
JOE KAUFMAN	90	GREG REMMERT	4:05.90	RINCONADA	4:59.58		NO RELAY TEAMS	
HELEN ROUMASSET	80	WALNUT CREEK		KERRY FALLA	40			
RAY TAFT	76	STEVE STAHL	30	JUDITH SCHWARTZ	41		320-359	
AUDREY ETIENNE	78	PENNY LEACH	32	ONDINE PARKER	28		R:SAN MATEO	95 7:40.34
WALNUT CREEK	4:20.20	PAULA ROEMER	34	BILL LORTON	52		JOE KAUFMAN	
SALLY JOY	78	GREG REMMERT	32	WIS MASTERS	5:15.12		ZADA TAFT	
AL KALLUNKI	91	SAN DIEGO	4:22.89	ALAN BECKER	52		RAY TAFT	
BILL JOHNSTON	77	COLIN CHINN	37	NANCY FISHER	44		ADNREY ETIENNE	
JEAN DURSTON	81	MATHILDE BOUWMA	27	EDITH JACOBSEN	47		SAN MATEO	7:40.34
LAKESIDE MASTER	5:17.73	ERIC NEILSEN	29	STEPHEN JUSTINGER	42		JOE KAUFMAN	90
MEME HABICH	80	VICKY DAVIDSON	30	OJAI-SANTA BARB	5:45.93		ZADA TAFT	76
F DOROTHY RIORDAN	83	MOUNTAIN VIEW	4:24.33	TRACI DAVID	34		RAY TAFT	76
GARY WEISENTHAL	81	EMERICK MCDONALD	32	MALCHIA OLSHAN	64		AUDREY ETIENNE	78
JOHN SIMMS	77	MO CHAMBERS	37	JOHN DAVID	37		*****	
*****		SUZANNE GARRITY	27	HARRY DELATRE	49		RELAYS: MIXED 400 M. MEDLEY	
RELAYS: MIXED 400 M. FREE		KIRK KOSLOWSKI	37	WALNUT CREEK	5:57.82		*****	
*****		STANFORD MASTER	4:31.25	STEVE PURYEAR	46		76 - 99	
76 - 99		LINDA LIPINSKI	36	KATHY BROWN	35		R:UNIV SAN FRAN	91 4:36.72
R:OLYMPIC CLUB	95 4:04.97	C.CHICHESTER	32	LINDA FOX	34		CYNTHIA HINSHAW	
BRAD BUDNEY		JIM MERCHANT	49	TOM FLICKENGER	47		JOHN DEARBORN	
MICHAEL COOLEY		STEVEN FUSELIER	37	CMM	6:00.53		DEAN PANZICA	
ELAINE WEIGAND		VENICE	4:35.11	TRINA INGOLE	25		JANET HAUER	
ALICIA ROWELL		STEVE LATTA	28	MARGE BOWDON	72		SANTA CLARA	4:40.70
OLYMPIC CLUB	4:04.97	LUCY COOK	37	MINDY CHEAP	39		JO MILLARD	20
BRAD BUDNEY	23	BOB EBERWINE	35	AMY COOK	28		B.LICHTENWALTER	28
MICHAEL COOLEY	24	CAROLE SHIGAKI	40				MICHAEL MOORE	31
ELAINE WEIGAND	24	SWOM	4:38.89				LAURA VIALE	20
A.ROWELL	26	RANDY SIMONS	47					
DAVIS AQUATIC	4:29.22	GEORGE WILSON	36	200-239				
TRACY KNORR	25	TERRI GOARD	25	R:LINCOLN	90 4:56.69			
JENNIFER COLLINS	26	TRISH KLASMAYER	25	BETTY BENNETT			100-119	
BRAD WINSOR	23	HEARTLAND	5:28.31	IRENE DAVID			R:WALNUT CREEK	90 4:36.14
MATT GRAHN	23	COURT LEVY	21	BILL MULLIKEN			PAM BOSCOVICH	
		JOEL HULL	25	PAUL HUTINGER			JON JAKUES	
100-119		CHARLOTTE COWAN	55	TAMALPAIS	5:09.85		KERRY O'BRIEN	
R:WALNUT CREEK	93 4:07.44	M.VALDERHAUG	53	BEN WRIGHT	52		PAULA ROEMER	
JEFF RODGERS		LA MESA MASTERS	5:35.06	PHIL BOWEN	44		SANTA CLARA	5:06.33
SUZANNE HEIM		ROSEMARY HUTZLEY	41	SPERRY RADEMAKER	55		SCOTT ANDERSON	33
M. GHIGGERFI		CATHY BUKOVIC	27	NANCY RIDOUT	53		BECKY LANCER	24
TOM ORTEGA		BERNARD SPRIGGS	41	DAVIS AQUATIC	5:23.53		BOB DUGAN	33
WALNUT CREEK	4:15.08	KENNETH SPAULDING	28	SCOTT HARRIS	41		CHELSEA KNAPP	25
KIM MORGAN	29	CHINO HILLS	5:39.07	EMORY HAWORTH	59		SAN DIEGO	5:17.76
VINCENT LANE	24	TAMARA WOOD	41	SUSAN MUNN	56		D.MORTENSEN	23
KATHLEEN HARTNETT	23	MIKE RUSSO	42	MARY HORTON	52		TRICIA GARRETT	22
TODD BAILEY	24	CHERI PRICE	42	ST LOUIS	5:27.89		ERIC NEILSEN	29
DAVIS AQUATIC	4:18.51	VICTOR ROMAN	19	SUSAN RICHMOND	33		COLIN CHINN	37
JENNY LUNDMARK	29			MAGGIE HOPPER	38		DCAC	5:23.26
CHRISTINE SCHULTZ	24	160-199		WILLIAM CANNON	64		SHEILA WALSH	25

# TOP TEN

## Long Course Meters

GARY ARMSTRONG	24	MIKE FRESHLEY	54	CHRISTINE SCHULTZ		MIKE KECK	
DAVID GREER	30	BARBARA DUNBAR	46	ERICA WOODS		MARGUERITE MEYER	
SUSAN KIZER	29	JEANNE LITTLE	58	BRIAN NABETA		ROBERT STRAND	
		CMM	6:14.02	NO RELAY TEAMS		DANIELLE OGIER	
120-159		CHRIS GILLIGAN	51			OLYMPIC CLUB	9:15.91
R:HEARTLAND	93 4:35.74	MARIANNE ERICKSON	42	100-119		MIKE KECK	35
VICKY DAVIDSON		THOMAS MCTERNAN	51	R:SANTA CLARA	95 8:45.64	MARGUERITE MEYER	36
PATTY STARKS		ANDY MORROW	56	ANNE WATKINS		ROBERT STRAND	49
RON SCHAFEE		MICHIGAN MASTER	6:42.62	LISA HAZEN		DANIELLE OGIER	42
LEE MENCH		FREDERICKA RAPP	51	MIKE MOORE		LAKESIDE MASTER	9:39.43
SANTA CLARA	4:38.99	BEVERLY MYERS	60	GREG SCHAFFER		AMY POPE	34
TIM CESPEDES	35	DONALD KROEGER	51	SANTA CLARA	8:45.64	MARY CHRIS CURL	37
HOWARD COYE	40	THOMAS MOYER	47	MICHAEL MOORE	31	JOHN NOLAN	46
KATHRIN LAMMERS	25	ALMADEN SWIM &	6:54.83	ANNE WATKINS	20	WILLIAM TINGLEY	44
LISA HAZEN	30	MARILYN BLISS	49	LISA HAZEN	31	HEARTLAND	11:39.92
DCAC	5:14.81	ROSSE HEMEON	64	GREG SCHAFFER	24	JOEL HULL	25
DEAN DELIBIRTIS	32	M. FARNSWORTH	55	SANTA CLARA	9:44.99	MOZE MOSSAY	41
TIM MCDONALD	31	JOHN CIHONSKI	46	CHELSEA KNAPP	25	CHARLOTTE COWAN	55
MARGARET MORRIS	36	O*H*I*O MASTERS	7:02.33	SUSIE BLAKE	30	MARILYN RAMEY	55
MARIANNE HAEGELL	32	LUISE EASTON	56	FRED KOEHLER	36	MICHIGAN MASTER	11:46.14
ALHAMBRA	5:49.58	DOUG BROGAN	63	MARCO CAMPAGNA	24	THOMAS MOYER	47
TODD OLSON	30	STEVE HORSFIELD	43	VENICE	10:47.91	DONALD KROEGER	51
KERRI NAUFUL	38	DIANE ROTHENBERG	42	TERENCE YOUNG	29	CASSANDRA GARRY	40
JOAN VER HALEN	26	OJAI-SANTA BARB	7:39.09	DAN BORTON	27	FREDERICKA RAPP	51
BILL DARBY	48	ROBERT MAY	61	TERI ELLIS	27	DCAC	12:01.89
LA MESA MASTERS	6:59.21	RICK GOEDEN	48	NELL REGAN	25	PETER BEARD	35
C.WESTERGAARD	28	MALCHIA OLSHAN	64			CONNIE MECK	44
ROSEMARY HUTZLEY	41	RUTH FARNHAM	65	120-159		CAROL GALBRAITH	45
BERNARD SPRIGGS	41	HEARTLAND	9:20.91	R:HEARTLAND	93 9:10.24	TONY MACDONALD	42
CATHY BUKOVIC	27	ELFRIEDE LEHTO	62	LEE MENCH			
		RUDOLPH SAPPER	62	LARRY TAGGESELL		200-239	
		NANCY REED	68	VICKY DAVIDSON		R:SAN DIEGO	93 10:55.90
		BRUCE MENZIES	45	PATTY STARKS		BILL EARLEY	
				SAN DIEGO	9:41.97	BETSY JORDAN	
160-199		240-279		VICKY DAVIDSON	30	KARLYN PIPES	
R:OLYMPIC CLUB	95 4:54.26	R:WALNUT CREEK	92 6:07.19	COLIN CHINN	37	DONALD BAKER	
JAMES BEGLINGER		DON BROWN		MATHILDE BOUWMA	27	GOLD COAST	11:16.93
DANIELLE OGIER		ANN PISCIOTTA		ERIC NEILSEN	29	DAVID SCOTT	47
MIKE KECK		STAN MORNER		VENICE	9:58.64	ERNIE LESKOVITZ	58
MARGUERITE MEYER		BETTY BARABASH		BOB EBERWINE	35	MARGARET TIMMINS	65
OLYMPIC CLUB	4:54.26	SAN DIEGO	7:17.07	STEVE LATTA	28	CATHY MANCINO	45
JAMES BEGLINGER	48	LLOYD SKRAMSTAD	61	CAROLE SHIGAKI	40	MICH	11:46.82
DANIELLE OGIER	42	DONALD BAKER	64	LUCY COOK	37	DONALD KROEGER	50
MIKE KECK	35	ADRIENNE PIPES	61	LAKESIDE MASTER	10:21.62	BEVERLY MYERS	59
MARGUERITE MEYER	36	ANN DALLAM	64	RUSSELL WILLIAMS	35	FREDERICKA RAPP	50
CHINO HILLS	5:54.85	WIS MASTERS	7:25.53	CHRIS BURCKLE	37	THOMAS MOYER	46
CHERI PRICE	42	DORIS KLITZKE	60	PAM HAEBERLIN	31	ST LOUIS	12:37.85
MARY-CHRIS KAY	41	JOHN BAUMAN	65	CAROLINE DONNELLY	32	SUSAN RICHMOND	33
DAN LUTTRELL	39	ROBERT KUENY	64	LONG BEACH	10:59.82	WILLIAM CANNON	64
THOMAS FARMERIE	43	INGRID STINE	56	BERT BERGEN	28	DIANE LETENDRE	44
DCAC	6:07.51			MICHAEL HEATHER	41	ROBERT BLAKE	70
CAROL GALBRAITH	45	280-319		KAREN CHRISTENSEN	31	O*H*I*O MASTERS	14:34.24
KEN BEIER	45	R:ST.PETE	95 7:16.12	VALERIE HARVEY	32	LUISE EASTON	56
JAY PISETTE	39	PAUL HUTINGER		GOLD COAST	11:13.47	DOUG BROGAN	63
CONNIE MECK	44	ALAN MALONEY		JOHN CUNNINGHAM	33	MARIANNE BROGAN	60
CHINO HILLS	6:26.45	FLORENCE CARR		JEFFERY COOPER	27	JULIO APONTE	50
GARY PRICE	42	KAY SCHIMPF		PATRICIA HOGAN	25	HEARTLAND	16:17.18
BARBARA CALDER	42	SAN MATEO	9:36.49	B. EDELMAIER	48	RON WILLIAMSON	56
THOMAS ELDER	47	JOE KAUFMAN	90	LA MESA MASTERS	11:14.61	RUDOLPH SAPPER	62
TAMARA WOOD	41	HELEN ROUMASSET	79	LYNN UNDERWOOD	31	JUDY TILARO	60
GRIN	7:02.82	RAY TAFT	75	ROSEMARY HUTZLEY	41	TRISH HUNTER	61
JOSE PERALTA	65	ZADA TAFT	75	C.WESTERGAARD	28		
TRICIA WYATT	26			KENNETH SPAULDING	28	240-279	
DEWEY WYATT	31	320-359		LAKESIDE MASTER	12:10.81	R:GOLD COAST	94 11:35.20
MARTHA BORUFF	64	R:D C MASTERS	93 8:52.61	LISA STEARNS	37	ANNE MCGUIRE	
LAKE FOREST	8:11.77	ANNE WALKER		LINDA HUBBUCH	49	JUNE KRAUSER	
MAXINE MC INTOSH	60	KELLEY LEMMON		CHRIS DEELEY	31	HERB KERN	
THERESA BOWLES	33	ELSA MATTILA		MIKE O'TOOLE	20	ERNIE LESKOVITZ	
PAUL GRECCO	34	BERT KASSELL		LOUISVILLE YMCA	12:53.45	O*H*I*O MASTERS	15:07.53
DON MC INTOSH	59	NO RELAY TEAMS		LARRY STRANGE	40	LILLY KRON	63
		*****		DANA FRANKS	21	DORIS LOCKER	51
200-239		RELAYS: MIXED 800 M. FREE		SALLIE DILAURA	36	PIETER CATH	65
R:D C MASTERS	93 5:18.22	*****		JEFF MATTHIAS	45	RICHARD FRYLING	63
LEE BETTIS		76 - 99				HEARTLAND	15:33.14
JOANN LEILICH		R:DAVIS AQUATIC	94 9:13.51	160-199		BRUCE MENZIES	45
ROBERT BENNETT		DARREN MOUNTS		R:OLYMPIC CLUB	95 9:15.91	GENE SAPPER	65
ANN LYTTLE							
SAN DIEGO	5:57.59						
BILL EARLEY	58						

# TOP TEN

## Long Course Meters

NANCY REED 68  
ELFRIEDE LEHTO 62

280-319

R:ST.PETE 95 14:06.13

PAUL HUTINGER  
ALAN MALONEY  
FLORENCE CARR  
KAY SCHIMPF  
NO RELAY TEAMS

320-359

R:SAN MATEO 94 17:09.50

AUDREY ETIENNE  
JOSEPH KAUFMAN  
HELEN ROUMASSET  
RAYMOND TAFT  
NO RELAY TEAMS



## USMS Top Ten Long Course 1995

The 1995 Long Course Top Tens completes our fourth year of subscription service. We regret the necessity of raising subscription prices for 1996, but it is inevitable with rising postal, paper and printing costs. All subscriptions currently on the books (including two-year) will be honored to their conclusion.

Note that World Records are listed as of November 1, 1995. Since our USMS deadlines differ, some 1995 SC/meter record performances may not have made this listing.

Our once a year reminder: Top Ten patches (\$5.00) are available from Darlynn Ferguson, P.O. Box 8005, Canton, OH 44711. World Top Ten (patches \$5.00, numerical patches \$3.00) may be obtained from The FINA, Av de Beaumont 9, 1012 Lausanne, Switzerland. The FINA office also publishes World Top Ten (Long and Short Course Meters). Cost is \$7.00.

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

*Published December 1995*



**United States  
Masters  
Swimming**

Betsy Durrant  
211 Sixty-Sixth St.  
Virginia Beach, VA 23451-2040

## UNITED STATES MASTERS SWIMMING PUBLICATIONS

	QTY	Total
1996 Rulebook (Spiral Bound) .....		\$7.00
Places to Swim/USA & Int'l .....		\$6.00
Building A Masters Club .....		\$6.00
USMS Decals .....	4/\$1.50	
USMS Posters 1 - 4 .....		\$1.50
5 - 9 .....		\$1.25
10 or more .....		\$1.00
Coaches 3-Ring Manuals .....		\$20.00

### National Top Ten Times, National Records & World Records

LCM, SCM and SCY .....	3 issues	\$15.00		
Two Years .....	6 issues	\$30.00		
Single Issue .....		\$7.00		
Back Issues Available:				
94-95 Short Course Yards .....		\$6.00		
94 Long Course .....		\$6.00		

Make check payable to USMS (Amount of enclosed checks \_\_\_\_\_ )  
(Canadian order add \$1.00 per item - \$3.00 for T/T subscription,  
Foreign orders add \$2.50 per item - \$7.50 for T/T subscription)

Send to: USMS National Office  
2 Peter Avenue  
Rutland, MA 01543

Name .....

Address .....

City, State, Zip .....

FIRST-CLASS MAIL  
US POSTAGE  
PAID  
HAMBURG, NY  
Permit No. 356