

\$6.00

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

**1994
Top Ten
Long Course Meters**

**and
World Records
as of November 1, 1994
Short Course Meters
Long Course Meters**

***United States
Masters
Swimming***



Published December 1994

TOP TEN

Long Course Meters

50 M. FREE WOMEN 19-24	38.93 PATRICIA HOGAN	24	1:08.09 KANA SHIBUYA	22	2:22.97 VICKY DAVIDSON	29
27.94 DANA DUTCHER	39.17 ANNE LAWRENCE	24	1:09.73 ALISON ZAMANIAN	24	2:23.53 TRISH SEUBERT	25
28.53 MICHELLE DAVID	100 M. BACK WOMEN 19-24		1:10.76 JACQUELINE BAK	24	2:24.22 DIANNE WYDAL	28
28.55 KIM JOHNSON	1:06.09 DAWN BRACIAK	87	1:11.54 BRIDGET ROBBINS	24	2:24.81 MICHELLE GHIGGERI	25
28.73 SARAH ANDERSON	1:12.91 JACQUELINE BAK	24	1:12.45 MICHELLE DAVID	24	400 M. FREE WOMEN 25-29	
28.82 KANA SHIBUYA	1:14.68 BRIDGET ROBBINS	24	1:12.98 KIM JOHNSON	24	4:27.53 SARA SHAND	89
29.39 KATHRIN LAMMERS	1:15.16 HEATHER O'BRIEN	23	1:15.85 CHRISTINE SCHULTZ	22	4:39.38 SHELLY SCHAFFER	27
29.84 BRIDGET ROBBINS	1:19.03 TINA ESSEX	23	1:20.20 CARI LINDAHL	21	4:42.99 JANE KLEINE	29
30.20 TRISH KLASMEIER	1:20.61 CHRISTINE SCHULTZ	23	1:20.79 SHELLEY GARDEN	19	4:55.89 SUSIE RABIAH	27
30.32 MEREDITH GARDNER	1:20.74 IVANOVA FEBRES	19	1:20.82 JENNIF GREENFIELD	19	4:59.57 S.MUNATONES	29
30.45 SHELLEY GARDEN	1:22.01 JENNIFER DILLS	22	200 M. FLY WOMEN 19-24		5:04.52 CAROLYN GRAVES	29
30.59 JENNIF GREENFIELD	1:22.51 ANNE LAWRENCE	24	2:22.59 BLANCA CASTILLO	88	5:05.13 BROOKE BOWMAN	27
100 M. FREE WOMEN 19-24	1:22.52 NELL REGAN	24	2:30.49 ALISON ZAMANIAN	24	5:05.53 SHERI PREDMORE	27
1:01.49 ANITA HARRISON	1:22.67 PATRICIA HOGAN	24	2:37.11 CASSIE CALLENDER	24	5:06.43 S THOMAS	27
1:00.82 SARAH ANDERSON	200 M. BACK WOMEN 19-24		2:37.28 KANA SHIBUYA	22	5:07.02 LYNN JOLLY	28
1:03.34 MICHELLE DAVID	2:26.62 MICHELLE DONAHUE	92	3:08.57 MEREDITH TAKARA	24	5:07.17 JENNIFER HUGUS	25
1:03.77 KANA SHIBUYA	2:33.48 ALISON ZAMANIAN	24	3:10.41 JENNY MUELLER	23	800 M. FREE WOMEN 25-29	
1:04.93 GRACE MOON	2:39.82 BRIDGET ROBBINS	24	3:11.92 HEATHER PERRY	23	9:18.43 SARA SHAND	89
1:06.78 KIM FAIRCLOTH	2:40.57 HEATHER O'BRIEN	23	3:54.58 DANA FRANKS	20	9:45.10 SHELLY SCHAFFER	27
1:07.00 HEATHER WOLFENDEN	2:48.52 KAREN HEARD	23	200 M. I.M. WOMEN 19-24		9:46.31 JANE KLEINE	29
1:07.27 SHELLEY GARDEN	2:51.05 CHRISTINE SCHULTZ	23	2:29.90 MICHELLE DONAHUE	92	10:21.04 CARMEN BRUN	27
1:07.32 TRISH KLASMEIER	2:53.00 BETHANY WILLISTO	23	2:32.47 KATHRIN LAMMERS	24	10:36.09 S THOMAS	27
1:07.65 GINA DIERSING	2:54.44 PATRICIA HOGAN	24	2:35.86 ALISON ZAMANIAN	24	10:37.03 LYNN JOLLY	28
1:08.05 BETHANY WILLISTO	2:56.21 E.THUNEN-FRENCH	19	2:38.12 CASSIE CALLENDER	24	10:55.94 DEBORAH HEIM	25
200 M. FREE WOMEN 19-24	2:57.99 ESTHER SMITH	21	2:38.64 GRACE MOON	23	11:06.09 DIANA BEREXA	26
2:14.17 DIANE URSIN	2:59.49 KAROLINE HENRY	24	2:41.36 BECKY WOOD	24	11:06.71 CARRIE FLEMING	26
2:11.50 SARAH ANDERSON	50 M. BRST WOMEN 19-24		2:43.10 KAREN HEARD	23	11:33.71 TABITHA JACOBUS	26
2:15.10 ALISON ZAMANIAN	35.22 TRACEY MCFARLANE	91	2:44.92 KIM FAIRCLOTH	23	11:33.86 STEPHANIE COYLE	25
2:18.04 CASSIE CALLENDER	36.10 BECKY WOOD	24	2:45.41 CHRISTINE SCHULTZ	23	1500 M. FREE WOMEN 25-29	
2:19.52 KANA SHIBUYA	37.48 KATHRIN LAMMERS	24	2:45.56 JACQUELINE BAK	24	17:38.78 AMY POPE	88
2:22.48 BRIDGET ROBBINS	38.52 GRACE MOON	23	2:45.63 HEATHER O'BRIEN	23	18:18.81 SHELLY SCHAFFER	27
2:26.62 E.THUNEN-FRENCH	38.76 KAREN HEARD	23	400 M. I.M. WOMEN 19-24		19:10.25 JANE KLEINE	28
2:26.83 KIM FAIRCLOTH	39.27 TRISH KLASMEIER	24	5:18.36 ALISON ZAMANIAN	94	19:49.41 BROOKE BOWMAN	27
2:28.06 SAMANTHA ROYER	40.53 KIMBERLY MONAGHAN	24	5:18.36 ALISON ZAMANIAN	24	20:25.54 SHERI PREDMORE	27
2:33.42 DENISE THOMPSON	40.75 SHELLY HOPKINS	23	5:29.94 KATHRIN LAMMERS	24	21:07.16 LAURA ANNING	26
2:33.46 BETHANY WILLISTO	41.09 JENNIF GREENFIELD	19	5:30.60 CASSIE CALLENDER	24	21:44.68 ANNE VANKER	28
400 M. FREE WOMEN 19-24	41.16 C. COLEMAN	24	5:46.32 KAREN HEARD	23	21:53.62 MICHELE LEARY	27
4:40.07 CYNTHIA HINSHAW	41.98 CHRISSEY HALL	24	5:46.41 CHRISTINE SCHULTZ	22	22:02.83 JILL ROELLIG	26
4:40.89 ALISON ZAMANIAN	100 M. BRST WOMEN 19-24		5:47.68 KANA SHIBUYA	22	22:18.88 CINDY RILEY	26
4:45.65 KATHRIN LAMMERS	1:18.44 TRACEY MCFARLANE	91	5:50.79 HEATHER O'BRIEN	23	22:19.75 CECILIA COLEMAN	27
4:46.63 CASSIE CALLENDER	1:20.72 BECKY WOOD	24	6:00.87 ESTHER SMITH	21	50 M. BACK WOMEN 25-29	
5:02.56 BRIDGET ROBBINS	1:23.69 KAREN HEARD	23	6:23.01 DENISE THOMPSON	22	30.80 DIANE GRANER	89
5:05.00 BETHANY WILLISTO	1:23.83 GRACE MOON	23	6:31.65 KIMBERLY MONAGHAN	24	31.55 MARTIE MC KINNEY	29
5:12.04 CHRISTINE SCHULTZ	1:24.49 KATHRIN LAMMERS	24	*****		33.73 ALICIA WALKER	25
5:17.38 GINA DIERSING	1:25.42 ESTHER SMITH	21	50 M. FREE WOMEN 25-29		34.09 BETH GARDNER	29
5:20.87 NIA TARADASH	1:26.51 BETSY HONDORF	24	26.68 SARA SHAND	91	34.28 LARA BIGLEY	26
5:23.20 JENNY MUELLER	1:27.17 CHRISTINE SCHULTZ	22	27.51 MICHELLE CHOW	26	34.98 MICHELLE CHOW	26
5:25.27 GEANIE YOUNG	1:27.20 KANA SHIBUYA	22	28.98 KRISTINA SANDLIN	26	35.38 LAURA MCKEEVER	27
800 M. FREE WOMEN 19-24	1:27.99 KIMBERLY MONAGHAN	24	29.37 MICHELLE GHIGGERI	25	35.56 ANGELA MUELLER	25
9:31.25 ALISON ZAMANIAN	1:28.18 KIM FAIRCLOTH	23	29.52 MICHELE HUYETTE	26	35.77 M.ARRASCODA	28
9:31.25 ALISON ZAMANIAN	200 M. BRST WOMEN 19-24		29.54 TRISH SEUBERT	25	35.85 LORI TERLOUW	29
10:50.63 ANNE OBERG	2:51.20 LOUISE KEOGH	93	29.58 NANCY BUCHHOLZ	27	36.06 TERI ELLIS	26
10:59.52 KAREN HEARD	2:58.75 KAREN HEARD	23	29.82 KATHY ZUBATUK	29	100 M. BACK WOMEN 25-29	
11:02.63 GINA DIERSING	3:03.33 CHRISTINE SCHULTZ	22	29.84 LAURA MCKEEVER	27	1:07.32 DIANE GRANER	89
11:13.32 PATRICIA HOGAN	3:05.43 ESTHER SMITH	21	29.86 SUSIE RABIAH	27	1:07.67 MARTIE MC KINNEY	29
11:25.10 DENISE THOMPSON	3:08.31 KIMBERLY MONAGHAN	24	29.89 VICKY DAVIDSON	29	1:12.68 VICKY DAVIDSON	29
12:29.04 ALISON BENKE	3:09.09 BETSY HONDORF	24	100 M. FREE WOMEN 25-29		1:15.20 KRISTINA SANDLIN	26
13:06.00 APRIL RUSCH	3:11.70 CASSIE CALLENDER	24	58.23 SARA SHAND	91	1:16.89 LARA BIGLEY	26
1500 M. FREE WOMEN 19-24	3:23.00 EUGENIA GRATTO	21	1:00.72 MICHELLE CHOW	26	1:16.91 LAURA MCKEEVER	27
18:17.40 ALISON ZAMANIAN	3:28.98 ROBIN ROBINSON	23	1:02.29 MARTIE MC KINNEY	29	1:17.58 BETH GARDNER	29
18:17.40 ALISON ZAMANIAN	3:29.38 ROBYN GARINGER	21	1:03.35 SUSIE RABIAH	27	1:18.65 NANCY BUCHHOLZ	27
20:11.71 E.THUNEN-FRENCH	3:29.74 GINA LEGGIO	21	1:04.42 LIESA BENN	29	1:18.65 CARMEN BRUN	27
20:28.35 SAMANTHA ROYER	50 M. FLY WOMEN 19-24		1:04.62 MICHELE HUYETTE	26	1:19.13 SUSIE RABIAH	27
20:36.21 CHRISTINE SCHULTZ	30.03 SUNNY SMILEY	93	1:04.84 NANCY BUCHHOLZ	27	1:19.43 J.VANDERMOLLEN	27
20:49.19 GINA DIERSING	30.16 KANA SHIBUYA	22	1:05.26 TRISH SEUBERT	25	200 M. BACK WOMEN 25-29	
21:44.10 DENISE THOMPSON	30.44 MICHELLE DAVID	24	1:05.66 MICHELLE GHIGGERI	25	2:19.97 DIANE GRANER	89
50 M. BACK WOMEN 19-24	31.65 JACQUELINE BAK	24	1:05.84 DIANNE WYDAL	28	2:26.62 MARTIE MC KINNEY	29
31.55 TORI SMITH	32.68 SARAH ANDERSON	24	1:06.18 BROOKE BOWMAN	27	2:43.23 CARMEN BRUN	29
34.48 MICHELLE DAVID	32.87 TRISH KLASMEIER	24	200 M. FREE WOMEN 25-29		2:45.81 S.MUNATONES	29
34.66 BRIDGET ROBBINS	33.20 BRIDGET ROBBINS	24	2:07.11 SARA SHAND	89	2:47.01 LARA BIGLEY	26
35.77 HEATHER O'BRIEN	33.29 BETSY HONDORF	24	2:15.17 SHELLY SCHAFFER	27	2:51.31 J.VANDERMOLLEN	27
36.84 IVANOVA FEBRES	33.35 CARI LINDAHL	21	2:17.17 JANE KLEINE	29	2:54.26 DEBORAH HEIM	25
37.13 E.THUNEN-FRENCH	33.55 KIM FAIRCLOTH	23	2:19.88 LIESA BENN	29	2:56.49 DIANA LUCAS	27
37.17 STACY CHOW	33.80 ERICA WOODS	24	2:20.73 MICHELE HUYETTE	26	3:01.56 ELIZABETH HOWARD	28
37.27 CHRISTINE SCHULTZ	100 M. FLY WOMEN 19-24		2:21.78 STACY COSTA	25	3:02.43 SUZANNE HAWKINS	27
38.46 NELL REGAN	1:06.05 BLANCA CASTILLO	88	2:22.85 B.LAMBERT-FLANNER	27	3:04.74 KERRY FRITSCHER	25

TOP TEN

Long Course Meters

50 M. BRST WOMEN 25-29	2:41.23 CARMEN BRUN	27	10:45.09 KARIN DECK	31	2:58.05 E.SCHEIMANN	32
34.36 ROSEMARIE SEAMAN 87	2:41.67 JENNIFER HUGUS	25	10:51.11 LEZLIE GRUENLER	31	2:59.08 MARY ROEBUCK	32
37.88 MICHELLE CHOW 26	2:43.32 LIESA BENN	29	1500 M. FREE WOMEN 30-34		3:01.72 SARA DEMYANOVICH	30
37.91 MATHILDE BOUWMA 26	2:45.63 KATHY ZUBATUK	29	17:40.50 KAREN BURTON	92	3:02.55 ELLEN FERGUSON	32
38.27 CHERYL CONLIN 26	2:46.92 CAROLYN GRAVES	29	18:12.67 MARY ROEBUCK	32	3:02.61 GINA MARIE GATTI	31
38.70 ANGELA MUELLER 25	400 M. I.M. WOMEN 25-29		18:56.43 AMY POPE	34	3:06.33 SUSAN RICHMOND	32
38.88 KELLY RELLINGER 28	5:06.34 SARA SHAND	89	19:32.10 NANCY ROSE	32	3:07.82 JUNE FORD	31
39.54 JILL LEMONE 27	5:35.14 S.MUNATONES	29	19:33.68 DENISE WARE	32	3:09.08 LISA SHEEPER	30
39.75 MIA COSTELLO 26	5:42.00 CARMEN BRUN	27	20:04.45 ANITA IRONS	30	3:09.70 S.SOTELO-OSBORNE	33
40.15 LIESA BENN 29	5:43.25 JILL LEMONE	27	20:13.01 LORI SCHMIDT	31	3:12.65 LESLIE COOPER	34
40.25 CAROLE KAMMEL 25	5:50.48 LYNN JOLLY	28	20:29.11 LESLIE COOPER	34	50 M. FLY WOMEN 30-34	
40.40 LYNN KILLIAN 29	5:53.68 LAURA ANNING	26	20:29.33 GLORIA NEMET	30	29.22 BETH HARRELL	92
100 M. BRST WOMEN 25-29	5:58.60 KATHY ZUBATUK	29	20:30.87 SHARON BLAHA	34	30.41 KARLYN PIPES	32
1:16.60 S.MCINTYRE-WOODS 91	6:00.90 DIANNE WYGAL	28	20:39.30 AMY GROSSMAN	33	30.54 CAROL OLSON	31
1:19.46 B.LAMBERT-FLANNER 27	6:35.43 ROBIN BOYLE	27	50 M. BACK WOMEN 30-34		30.60 EVE WALTON	32
1:21.16 STACY COSTA 25	6:35.73 JENNIFER PAIS	27	31.47 KARLYN PIPES	94	31.29 JAMIE HAVENS	32
1:23.31 MATHILDE BOUWMA 26	6:39.82 BETSY COLLINS	25	31.47 KARLYN PIPES	32	31.50 JUNE FORD	32
1:24.90 CHERYL CONLIN 26	*****		32.97 TRICIA ZORN	30	31.67 MARY LLEW ANDERS	31
1:24.96 MIA COSTELLO 26	50 M. FREE WOMEN 30-34		33.09 ZENA HERRMANN	34	31.67 CHRIS BREEDY	34
1:26.07 KELLY RELLINGER 28	26.37 S.NEILSON-BELL	88	33.48 CHRIS BREEDY	34	31.88 MARY ROEBUCK	32
1:26.09 MICHELE HUYETTE 26	27.40 BETH KNIGHT	34	33.72 VIBEKE SWANSON	32	31.88 C.CHICHESTER	31
1:26.78 JILL LEMONE 27	27.95 E.SCHEIMANN	32	34.25 MARIKA JOHNSON	31	31.91 BELLA MARLOW	33
1:27.60 CARMEN BRUN 27	28.06 MARY ROEBUCK	32	34.48 JAMIE HAVENS	32	100 M. FLY WOMEN 30-34	
1:27.74 KRISTIN NELSEN 28	28.08 KARLYN PIPES	32	35.18 PAMELA BOSCOVICH	31	1:06.08 BETH HARRELL	92
200 M. BRST WOMEN 25-29	29.04 CAROL OLSON	31	35.29 LAURA SCHWEE	32	1:06.62 KARLYN PIPES	32
2:49.16 B.LAMBERT-FLANNER 94	29.24 MARY GRACE HUBER	32	35.51 SARA DEMYANOVICH	30	1:07.51 JUNE FORD	32
2:49.16 B.LAMBERT-FLANNER 27	29.25 PAULA ROEMER	33	100 M. BACK WOMEN 30-34		1:07.68 ZENA HERRMANN	34
3:00.15 MATHILDE BOUWMA 26	29.48 ELAINE WIMER	34	1:07.13 KARLYN PIPES	94	1:08.51 SUSAN PORTER	32
3:06.74 REBECCA STEINKAMP 25	29.69 MARIKA JOHNSON	31	1:07.13 KARLYN PIPES	32	1:08.87 CAROL OLSON	31
3:06.79 LAURA ANNING 26	29.95 JEANNIE JOHNSON	33	1:09.05 ZENA HERRMANN	34	1:10.91 BELLA MARLOW	33
3:07.81 KRISTIN NELSEN 28	100 M. FREE WOMEN 30-34		1:10.75 TRICIA ZORN	30	1:11.06 MARY LLEW ANDERS	31
3:08.46 DEB HEIM 25	58.09 S.NEILSON-BELL	88	1:13.80 VIBEKE SWANSON	32	1:11.50 C.CHICHESTER	31
3:08.98 CARMEN BRUN 27	1:00.40 BETH KNIGHT	34	1:14.28 ROSAMARIA MEYER	32	1:11.75 SARA DEMYANOVICH	30
3:09.08 CHERYL CONLIN 26	1:00.41 KARLYN PIPES	32	1:15.11 PAMELA BOSCOVICH	31	1:11.76 JAMIE HAVENS	32
3:11.26 MIA COSTELLO 26	1:00.63 MARY ROEBUCK	32	1:15.90 MARY GENTRY	32	200 M. FLY WOMEN 30-34	
3:12.90 LYNN KILLIAN 29	1:02.31 ZENA HERRMANN	34	1:15.94 AMY FLEMING	31	2:27.43 KARLYN PIPES	94
50 M. FLY WOMEN 25-29	1:02.45 CAROL OLSON	31	1:16.40 C.CHICHESTER	31	2:27.43 KARLYN PIPES	32
28.79 ROSEMARIE SEAMAN 87	1:02.68 E.SCHEIMANN	32	1:17.24 MARY LLEW ANDERS	31	2:29.03 JUNE FORD	32
30.09 ALICIA WALKER 25	1:03.64 MARY GRACE HUBER	32	200 M. BACK WOMEN 30-34		2:36.07 BRENDA BARTLETT	33
30.21 MARTIE MC KINNEY 29	1:03.71 BRENDA BARTLETT	33	2:22.04 KARLYN PIPES	94	2:36.16 SUSAN PORTER	32
30.32 MICHELLE CHOW 26	1:06.21 PAULA ROEMER	33	2:22.04 KARLYN PIPES	32	2:38.73 ROSAMARIA MEYER	32
30.84 KRISTINA SANDLIN 26	1:06.72 KARIN SEIBOLD	30	2:28.08 ZENA HERRMANN	34	2:42.84 BELLA MARLOW	33
31.51 KELLY RELLINGER 28	200 M. FREE WOMEN 30-34		2:34.90 TRISCHA ZORN	30	2:44.31 KARIN DECK	31
31.93 BETH GARDNER 29	2:07.84 BETH KNIGHT	89	2:39.73 ROSAMARIA MEYER	32	2:47.10 C.CHICHESTER	30
31.99 TRISH SEUBERT 25	2:09.26 KARLYN PIPES	32	2:45.19 PAMELA BOSCOVICH	31	2:50.99 AMY POPE	34
32.18 BROOKE BOWMAN 27	2:10.63 MARY ROEBUCK	32	2:47.13 AMY ANDERS	31	2:52.30 NANCY ROSE	32
32.23 CAROLYN HOUTZ 25	2:10.99 SUSAN PORTER	32	2:47.16 BARBARA MILANESE	32	200 M. I.M. WOMEN 30-34	
32.27 LORI TERLOUW 29	2:12.86 BETH KNIGHT	34	2:47.91 MARY GENTRY	32	2:27.66 KARLYN PIPES	94
32.27 CAROLYN GRAVES 29	2:16.30 BRENDA BARTLETT	33	2:48.10 LAURA SCHWEE	32	2:27.66 KARLYN PIPES	32
100 M. FLY WOMEN 25-29	2:16.99 CAROL OLSON	31	2:50.68 MARIKA JOHNSON	31	2:30.45 SUSAN PORTER	32
1:03.91 ROSEMARIE SEAMAN 87	2:17.33 WENDY INGRAHAM	30	50 M. BRST WOMEN 30-34		2:35.86 MARY ROEBUCK	32
1:05.35 MARTIE MC KINNEY 29	2:18.22 ELLEN FERGUSON	32	35.90 LISA BENNETT	88	2:38.14 C.CHICHESTER	30
1:08.45 ALICIA WALKER 25	2:20.05 JUNE FORD	32	36.61 KARLYN PIPES	32	2:38.71 ROSAMARIA MEYER	32
1:08.91 MICHELLE CHOW 26	2:21.36 AMY POPE	34	36.74 E.SCHEIMANN	32	2:39.08 BRENDA BARTLETT	33
1:11.84 B.LAMBERT-FLANNER 27	400 M. FREE WOMEN 30-34		37.85 M SCHWINDT-ROEPKE	32	2:39.57 JUNE FORD	31
1:12.04 CAROLYN HOUTZ 25	4:30.38 BETH KNIGHT	91	38.10 MARY ROEBUCK	32	2:40.30 TRICIA ZORN	30
1:12.33 JILL LEMONE 27	4:31.93 SUSAN PORTER	32	38.68 BETTY BALKNAP	31	2:45.36 EVE WALTON	32
1:12.76 BROOKE BOWMAN 27	4:34.04 MARY ROEBUCK	32	38.72 VAL KERR-HAGUE	33	2:45.97 GINA MARIE GATTI	31
1:12.99 S.MUNATONES 29	4:35.13 KARLYN PIPES	32	39.15 LISA SHEEPER	30	400 M. I.M. WOMEN 30-34	
1:13.60 JENNIFER HUGUS 25	4:41.13 BRENDA BARTLETT	33	39.16 LESLIE COOPER	34	5:08.67 KARLYN PIPES	94
1:13.98 DIANNE WYGAL 28	4:44.00 JUNE FORD	32	39.33 MICHELLE ROSS	32	5:08.67 KARLYN PIPES	32
200 M. FLY WOMEN 25-29	4:56.14 AMY POPE	34	39.50 ELAINE WIMER	34	5:13.97 SUSAN PORTER	32
2:22.42 JUNE FORD 87	4:57.28 H.VAUGHN-EDMONDS	32	100 M. BRST WOMEN 30-34		5:26.77 MARY ROEBUCK	32
2:37.81 JILL LEMONE 27	4:58.76 BARBARA MILANESE	32	1:18.80 BETH SCHEIMANN	93	5:27.13 JUNE FORD	32
2:38.92 S.MUNATONES 29	4:59.70 LISA SHEEPER	30	1:20.29 KARLYN PIPES	32	5:32.59 BRENDA BARTLETT	33
2:46.78 SUSIE RABIAH 27	5:00.88 CINDY CLEMENTS	33	1:21.35 MARY ROEBUCK	32	5:33.67 C.CHICHESTER	31
2:46.83 BROOKE BOWMAN 27	800 M. FREE WOMEN 30-34		1:21.72 E.SCHEIMANN	32	5:37.70 ROSAMARIA MEYER	33
2:48.40 LYNN JOLLY 28	9:19.96 SUSAN PORTER	94	1:23.63 ELLEN FERGUSON	32	5:40.85 SARA DEMYANOVICH	30
3:19.57 F.CRANNELL 26	9:19.96 SUSAN PORTER	32	1:24.75 SUSAN RICHMOND	32	5:43.84 AMY POPE	34
200 M. I.M. WOMEN 25-29	9:24.87 MARY ROEBUCK	32	1:25.98 VAL KERR-HAGUE	33	5:45.58 TRISCHA ZORN	30
2:25.45 SARA SHAND 89	9:44.34 JUNE FORD	32	1:28.19 GLORIA NEMET	30	*****	
2:30.61 MARTIE MC KINNEY 29	9:59.37 ELLEN FERGUSON	32	1:28.40 LESLIE COOPER	34	50 M. FREE WOMEN 35-39	
2:38.61 B.LAMBERT-FLANNER 27	10:04.40 AMY POPE	34	1:28.44 LISA SHEEPER	30	26.89 S.NEILSON-BELL	93
2:38.72 STACY COSTA 25	10:28.56 LISA SHEEPER	30	1:28.88 JOANNE MOODY	30	26.98 S.NEILSON-BELL	38
2:40.68 SHERI PREDMORE 27	10:37.07 ANITA IRONS	30	200 M. BRST WOMEN 30-34		27.16 BETH KNIGHT	35
2:40.79 MATHILDE BOUWMA 26	10:41.62 LESLIE COOPER	34	2:53.08 KAREN MELICK	87	28.68 GINA AGUILAR	35

TOP TEN

Long Course Meters

28.99 LYNN SULLIVAN 36	36.66 SUSAN ROESCH 36	1:05.39 SUSAN HALFACRE 88	2:23.13 SUSAN SKIFF 40
29.02 SUZANNE NEWELL 35	37.65 LYNN SULLIVAN 36	1:09.33 BETH KNIGHT 35	2:25.60 PAM BANKS 40
29.41 BARBARA CROWDER 37	37.73 LAURIE ROBINSON 37	1:09.46 S.NEILSON-BELL 38	2:26.24 KARLENE WISE 40
29.47 PAM DRAFTS 37	100 M. BACK WOMEN 35-39	1:10.62 MAURA ASMUTH 36	2:27.04 MARY ANN STEVENS 41
29.63 MARCIA BENJAMIN 37	1:08.49 ZENA HERRMANN 94	1:11.35 MONIKA DALKIN 35	2:29.13 CELESTE MILLER 44
30.03 KIMBERLY WISE 37	1:08.49 ZENA HERRMANN 35	1:11.46 LINDLEY DOUGHTY 35	2:32.51 JONELLE SCHMIDT 43
30.05 WENDY RYAN 37	1:09.42 JUDITH LALLIER 35	1:11.50 ZENA HERRMANN 35	2:32.59 KATHI BULLOCK 40
100 M. FREE WOMEN 35-39	1:12.48 LINDLEY DOUGHTY 35	1:11.70 SUZANNE HEIM 35	2:32.83 CYNTHIA JONES 44
58.94 BETH KNIGHT 94	1:14.66 PATTY LANDERS 37	1:12.68 BARBARA CROWDER 37	400 M. FREE WOMEN 40-44
58.94 BETH KNIGHT 35	1:15.03 NANCY RENO 38	1:13.47 DEBBIE FLANSBURG 38	4:48.82 LAURA VAL 94
1:00.17 S.NEILSON-BELL 38	1:17.69 K BRANCH 37	1:13.60 PAM MARTIN 36	4:48.82 LAURA VAL 42
1:04.54 BARBARA CROWDER 37	1:17.72 LESLIE ULEN 37	200 M. FLY WOMEN 35-39	4:55.97 DANIELLE OGIER 41
1:04.96 SUZANNE NEWELL 35	1:18.50 CAROLE SHIGAKI 39	2:26.38 LAURA VAL 89	5:03.60 SUSAN SKIFF 40
1:04.99 LYNN SULLIVAN 36	1:19.80 L.HASSELQUIST 36	2:38.86 DEBBIE FLANSBURG 38	5:10.81 PAM BANKS 40
1:05.06 GINA AGUILAR 35	1:20.36 MICHELE DEVITT 37	2:39.25 SUZANNE HEIM 36	5:25.25 DENISE EVERITT 41
1:06.02 ZENA HERRMANN 35	200 M. BRST WOMEN 35-39	2:48.02 SUSAN SKIFF 39	5:32.89 M.BETH WINDRATH 41
1:06.22 MARGUERITE MEYER 35	2:26.66 ZENA HERRMANN 94	2:49.99 CATHY NEVILLE 37	5:36.29 CATHY SCHULBACH 40
1:06.47 MARCIA BENJAMIN 37	2:26.66 ZENA HERRMANN 35	2:52.79 ELAINE FINCHAM 39	5:37.07 CYNTHIA JONES 44
1:07.03 PAM DRAFTS 37	2:28.96 JUDITH LALLIER 35	2:54.76 B.K. NICHOLS 37	5:40.13 DEBBIE WILSON 40
200 M. FREE WOMEN 35-39	2:38.71 LINDLEY DOUGHTY 35	2:57.81 JOANNE WAINWRIGHT 39	5:40.14 ELIN ZANDER 40
2:08.93 BETH KNIGHT 94	2:39.08 PATTY LANDERS 37	3:05.80 JULIE PAQUE 36	800 M. FREE WOMEN 40-44
2:08.93 BETH KNIGHT 35	2:44.99 K BRANCH 37	3:06.52 DIANE CAYCE 38	9:57.69 LAURA VAL 93
2:11.43 JUDITH LALLIER 35	2:45.34 NANCY RENO 38	3:15.76 MICHELE DEVITT 37	10:20.22 DANIELLE OGIER 41
2:14.17 S.NEILSON-BELL 38	2:47.78 B.MORSE-GILLHAM 38	200 M. I.M. WOMEN 35-39	10:38.72 CELESTE MILLER 44
2:16.82 MAURA ASMUTH 36	2:49.35 MARY CHRIS CURL 37	2:28.93 JUDITH LALLIER 94	10:43.69 PAM BANKS 40
2:17.16 ZENA HERRMANN 35	2:52.48 CAROLE SHIGAKI 39	2:28.93 JUDITH LALLIER 35	11:11.04 DENISE EVERITT 41
2:19.14 SUZANNE HEIM 36	2:52.85 JOANNE WAINWRIGHT 39	2:34.36 ZENA HERRMANN 35	11:14.76 GAYLE BENTY 41
2:22.15 BARBARA CROWDER 37	50 M. BRST WOMEN 35-39	2:34.72 S.NEILSON-BELL 38	11:18.93 DEBBIE WILSON 40
2:22.22 DEA ANN JOSLIN 35	34.41 L WETZEL-OSBORNE 89	2:43.74 MARY CHRIS CURL 37	11:27.31 CYNTHIA JONES 44
2:23.45 MARGUERITE MEYER 35	36.72 DEA ANN JOSLIN 35	2:44.65 BARBARA CROWDER 37	11:27.56 MARY B WINDRATH 41
2:24.48 MARY CHRIS CURL 37	36.97 LISA BENNETT 38	2:45.69 LISA BENNETT 38	11:40.05 KIM SHOCKLEY 42
400 M. FREE WOMEN 35-39	38.15 EILEEN WALL 36	2:47.61 PATTY LANDERS 37	11:41.48 CARRIE SLOVER 41
4:31.35 BETH KNIGHT 94	38.73 WENDY RYAN 37	2:47.67 CATHY NEVILLE 37	1500 M. FREE WOMEN 40-44
4:31.35 BETH KNIGHT 35	38.91 COKIE LEPINSKI 35	2:47.67 DONNA NEARY 38	19:00.40 BARBARA DUNBAR 92
4:46.77 SUZANNE HEIM 36	39.76 PAM DRAFTS 37	2:48.02 CAROLE SHIGAKI 39	19:39.30 LAURA VAL 42
4:48.36 MAURA ASMUTH 36	39.94 KIMBERLY WISE 37	400 M. I.M. WOMEN 35-39	19:56.34 DANIELLE OGIER 41
4:54.11 MARGUERITE MEYER 35	40.13 SHARON STILES 37	5:34.47 KAREN FARNSWORTH 92	21:09.26 TERRY FREERKS 41
5:00.98 K BRANCH 37	40.29 JENNIFER LUKER 37	5:46.92 SUZANNE HEIM 36	21:20.83 DENISE EVERITT 41
5:02.85 DEA ANN JOSLIN 35	40.66 LAURIE ROBINSON 37	5:50.76 MARY CHRIS CURL 37	21:21.83 KATHI BULLOCK 40
5:08.24 HEIDI CHRISTENSEN 35	100 M. BRST WOMEN 35-39	5:55.16 MARGUERITE MEYER 35	21:40.38 CATHY SCHULBACH 40
5:08.79 PAM MARTIN 36	1:17.44 L WETZEL-OSBORNE 90	5:55.95 K BRANCH 37	21:43.71 GAYLE BENTY 41
5:13.09 MARCIA BENJAMIN 37	1:20.60 DEA ANN JOSLIN 35	5:59.04 DONNA NEARY 38	21:44.82 GAIL GREENWOOD 42
5:18.53 LISA BENNETT 38	1:23.71 LISA BENNETT 38	6:00.79 CATHY NEVILLE 37	22:46.16 DENISE KIRWAN 42
800 M. FREE WOMEN 35-39	1:24.26 EILEEN WALL 36	6:03.01 EILEEN WALL 36	23:13.52 PAM GEIGER 41
9:20.62 BETH KNIGHT 94	1:24.49 COKIE LEPINSKI 35	6:06.51 B.MORSE-GILLHAM 38	50 M. BACK WOMEN 40-44
9:20.62 BETH KNIGHT 35	1:25.83 WENDY RYAN 37	6:07.22 JOANNE WAINWRIGHT 39	32.25 LAURA VAL 94
9:45.79 SUZANNE HEIM 36	1:28.04 DONNA NEARY 38	6:08.06 ELAINE FINCHAM 39	32.25 LAURA VAL 42
10:00.99 MAURA ASMUTH 36	1:28.69 AMY GRACE 35	*****	34.80 ANN GUINS 40
10:10.26 MARGUERITE MEYER 35	1:28.71 DIANE HEINSON 39	50 M. FREE WOMEN 40-44	35.08 CAROL PFLUGHEBER 41
10:14.18 K BRANCH 37	1:29.40 RHIAN GULASSA 39	28.05 LAURA VAL 92	36.21 CHERYL SOLOMON 40
10:21.99 HEIDI CHRISTENSEN 35	1:29.74 PAM DRAFTS 37	28.29 LAURA VAL 42	37.44 DEB WALKER 43
10:30.33 B.MORSE-GILLHAM 38	200 M. BRST WOMEN 35-39	29.29 KARLENE WISE 40	37.98 MARILYN FINK 40
10:45.81 MARCIA BENJAMIN 37	2:52.40 DEA ANN JOSLIN 94	30.15 DANIELLE OGIER 41	37.99 PAT REEVE 40
10:52.83 ELIZABETH FRY 35	2:52.40 DEA ANN JOSLIN 35	30.31 R.BRITTINGHAM 42	38.23 DENISE KIRWAN 42
10:58.43 DEBBIE FLANSBURG 38	3:01.10 EILEEN WALL 36	30.49 GAIL MEAKINS 40	38.26 PATTY MOFFAT 43
1500 M. FREE WOMEN 35-39	3:02.79 COKIE LEPINSKI 35	30.63 CHERYL SOLOMON 40	38.81 CARRIE SLOVER 41
17:59.12 BETH KNIGHT 94	3:05.53 LISA BENNETT 38	30.65 THERESA HESSLER 42	100 M. BACK WOMEN 40-44
17:59.12 BETH KNIGHT 35	3:09.82 WENDY RYAN 37	31.05 CYNTHIA JONES 44	1:11.03 LAURA VAL 92
18:35.46 SUZANNE HEIM 36	3:11.08 CAROLE SHIGAKI 39	31.45 DONNA WOODWARD 41	1:12.08 LAURA VAL 42
19:42.97 MARGUERITE MEYER 35	3:12.83 RHIAN GULASSA 39	31.68 ANN GUINS 40	1:16.72 MARY ANN STEVENS 41
20:08.45 HEIDI CHRISTENSEN 35	3:13.23 DONNA NEARY 38	100 M. FREE WOMEN 40-44	1:17.87 KARLENE WISE 40
20:59.61 MARCIA BENJAMIN 37	3:17.98 LAURIE ROBINSON 37	1:01.41 LAURA VAL 94	1:19.15 CAROL PFLUGHEBER 41
21:54.63 TRACY GRILLI 37	3:18.87 JO ANN HARRELSON 38	1:01.41 LAURA VAL 42	1:20.72 DEB WALKER 43
22:05.34 ROSANNA SIKORA 38	50 M. FLY WOMEN 35-39	1:03.99 KARLENE WISE 40	1:21.59 ANN GUINS 40
22:07.32 LAURA SCHAFFER 35	29.27 SUSAN HALFACRE 88	1:04.90 DANIELLE OGIER 41	1:22.15 DENISE KIRWAN 42
22:35.22 B.K. NICHOLS 37	30.53 S.NEILSON-BELL 38	1:05.94 SUSAN SKIFF 40	1:22.83 MARILYN FINK 40
22:41.47 JO ANN HARRELSON 38	30.85 ZENA HERRMANN 35	1:06.05 MARY ANN STEVENS 41	1:23.58 CARRIE SLOVER 41
50 M. BACK WOMEN 35-39	31.06 BETH KNIGHT 35	1:07.23 PAM BANKS 40	1:24.29 PAT REEVE 40
32.39 LAURA VAL 90	31.25 BARBARA CROWDER 37	1:08.95 CHERYL SOLOMON 40	200 M. BACK WOMEN 40-44
32.77 ZENA HERRMANN 35	31.61 MONIKA DALKIN 35	1:08.96 CYNTHIA JONES 44	2:41.80 MARY ANN STEVENS 94
33.41 LINDLEY DOUGHTY 35	31.78 LINDLEY DOUGHTY 35	1:09.27 CELESTE MILLER 44	2:41.80 MARY ANN STEVENS 41
34.66 PATTY LANDERS 37	31.80 SUZANNE NEWELL 35	1:09.48 DENISE KIRWAN 42	2:48.58 PAM BANKS 40
34.85 NANCY RENO 38	32.03 GINA AGUILAR 35	200 M. FREE WOMEN 40-44	2:50.86 KARLENE WISE 40
35.52 CAROLE SHIGAKI 39	32.40 PAM MARTIN 36	2:14.97 LAURA VAL 94	2:58.33 JONELLE SCHMIDT 43
35.96 LESLIE ULEN 37	32.55 SUZANNE HEIM 35	2:14.97 LAURA VAL 42	3:00.31 DENISE KIRWAN 42
36.23 GINA AGUILAR 35	100 M. FLY WOMEN 35-39	2:18.77 DANIELLE OGIER 41	3:02.41 CARRIE SLOVER 41

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Long Course Meters

3:03.57 CAROL PFLUGHEBER 41	200 M. I.M. WOMEN 40-44	11:25.49 ANN LYTTLE 46	1:34.19 STEPHANIE WALSH 45
3:03.93 DIANNE GARCIA 42	2:38.20 LAURA VAL 93	11:36.82 KRISTINA KING 46	1:34.84 LESLIE TREAT 45
3:04.23 PAT REEVE 40	2:41.81 DANIELLE OGIER 41	11:42.66 MARCIA BARRY 45	1:36.03 LYNN CARTEE 47
3:06.62 JOANNE BOWSER 40	2:43.75 MARY ANN STEVENS 41	11:43.30 KATHRINE CASEY 45	1:36.40 JANET GETTLING 45
50 M. BRST WOMEN 40-44	2:53.38 CHERYL SOLOMON 40	11:50.04 C.IANACONE 47	1:38.80 SALLY DILLON 47
37.02 A WRIGHT-BELKNAP 92	2:55.34 CELESTE MILLER 44	11:55.73 SALLY DILLON 47	200 M. BRST WOMEN 45-49
37.64 A.WRIGHT-BELKNAP 43	2:56.18 JONELLE SCHMIDT 43	12:17.69 MARILYN RICHISON 46	3:09.19 CAROLYN BOAK 92
38.36 DEB WALKER 43	2:56.75 KATHI BULLOCK 40	12:19.81 MARY POHLMANN 49	3:14.23 CAROLYN BOAK 49
39.55 GAYLE BENTY 41	2:59.52 TERI HENDRYX 41	12:20.51 ANN SVANSON 48	3:20.54 STEPHANIE WALSH 45
39.85 JEAN TRACY 40	2:59.78 DENISE EVERITT 41	1500 M. FREE WOMEN 45-49	3:24.00 KATHRINE CASEY 45
40.08 JACKIE GIDAS 40	3:01.19 DIANNE GARCIA 42	19:28.34 BARBARA DUNBAR 94	3:24.97 LESLIE TREAT 45
40.99 PAT REEVE 40	3:01.66 DIANE ROTHENBERG 41	19:28.34 BARBARA DUNBAR 45	3:25.04 GINGER PIERSON 48
41.31 MELISSA HANSON 41	400 M. I.M. WOMEN 40-44	22:38.15 KATHRINE CASEY 45	3:25.35 MEEGAN WILSON 45
41.32 MARY LIOTTA 42	5:39.70 LAURA VAL 93	24:09.27 KATHLEEN LOWA 45	3:26.52 CHRISTIE SLIMAK 46
41.89 DIANE ROTHENBERG 41	5:40.84 LAURA VAL 42	24:16.25 MARY POHLMANN 49	3:32.96 KATHLEEN LOWA 45
42.30 D.WOODWARD 41	5:42.81 DANIELLE OGIER 41	24:19.23 VICKI BUCCINO 48	3:35.07 SALLY DILLON 47
100 M. BRST WOMEN 40-44	5:45.37 KATHI BULLOCK 40	24:25.43 JANET GETTLING 46	3:35.93 SUSAN CASE 45
1:21.73 DEBORAH WALKER 91	6:17.86 DENISE EVERITT 41	25:18.44 RUTH PETERSON 48	50 M. FLY WOMEN 45-49
1:22.72 DEB WALKER 43	6:32.53 CATHY SCHULBACH 40	25:21.63 KAY TURNER 47	30.74 ARDETH MUELLER 87
1:23.96 A.WRIGHT-BELKNAP 43	6:36.84 PATRICIA MATTSON 41	25:29.19 SANDRA CATHEY 45	34.35 BARBARA DUNBAR 45
1:26.22 GAYLE BENTY 41	6:44.10 PATTY MOFFAT 43	25:38.97 BARBARA LARSEN 46	36.88 SANDI ROUSSEAU 46
1:29.89 JACKIE GIDAS 40	6:44.77 ELIN ZANDER 40	50 M. BACK WOMEN 45-49	36.96 F.WILLIAMSON 46
1:30.46 DIANE ROTHENBERG 41	6:51.16 PAM GEIGER 41	35.26 BROOKE DICK 94	36.97 JANET GETTLING 46
1:30.95 MELISSA HANSON 41	7:04.31 SUZANNE RAGUE 44	35.26 BROOKE DICK 45	37.14 SUE TENDY 45
1:32.51 TERI HENDRYX 41	*****	38.30 SUSAN ROY 46	37.87 C.SCHROEDER 45
1:32.82 MARY ANN STEVENS 41	50 M. FREE WOMEN 45-49	39.24 JEANNIE MITCHELL 47	38.21 MIMI FRANK 47
1:32.83 ELIN ZANDER 40	29.08 ARDETH MUELLER 87	39.27 MIMI FRANK 47	38.24 B.EDELMAIER 47
1:34.22 DENISE EVERITT 41	30.64 F.WILLIAMSON 46	40.17 C.SCHROEDER 45	39.14 LINDA MCHENRY 47
200 M. BRST WOMEN 40-44	30.66 CAROLYN BOAK 49	40.82 MARY POHLMANN 49	39.29 KRISTINA KING 46
2:59.24 GAYLE BENTY 93	31.75 SUE TENDY 45	41.45 SUSAN MAGUIRE 45	100 M. FLY WOMEN 45-49
3:01.24 GAYLE BENTY 41	32.09 ANN LYTTLE 46	41.72 MARCIA BARRY 45	1:12.67 ARDETH MUELLER 87
3:04.34 DEB WALKER 43	32.10 ANNE PAGE 46	41.88 CAROL GUNDERSEN 46	1:15.42 BARBARA DUNBAR 45
3:04.51 A.WRIGHT-BELKNAP 43	32.89 BROOKE DICK 45	42.39 ANN BARNES 46	1:28.67 B.EDELMAIER 47
3:12.36 DANIELLE OGIER 41	32.96 MARCIA BARRY 45	100 M. BACK WOMEN 45-49	1:32.80 BARBARA LARSEN 46
3:17.39 MELISSA HANSON 41	33.09 LYNN CARTEE 47	1:18.67 BROOKE DICK 94	1:33.68 ANN SVANSON 48
3:17.89 CATHY SCHULBACH 40	33.39 SUSAN MAGUIRE 45	1:18.67 BROOKE DICK 45	1:33.82 GINGER PIERSON 48
3:18.93 DIANE ROTHENBERG 41	33.50 ANNE TESCHER 46	1:25.21 STEPHANIE WALSH 45	1:34.82 SANDI ROUSSEAU 46
3:19.29 DENISE EVERITT 41	100 M. FREE WOMEN 45-49	1:25.21 JEANNIE MITCHELL 47	1:36.89 KRISTI LOONEY 46
3:20.35 TERI HENDRYX 41	1:05.44 ARDETH MUELLER 87	1:27.41 MIMI FRANK 47	1:37.18 MARY POHLMANN 49
3:21.54 ELIN ZANDER 40	1:07.95 F.WILLIAMSON 46	1:27.93 C.SCHROEDER 45	1:39.65 ELLEN DUNNION 45
50 M. FLY WOMEN 40-44	1:08.42 CAROLYN BOAK 49	1:28.52 KATHRINE CASEY 45	1:41.57 CATHERINE BROOKS 45
29.89 LAURA VAL 94	1:09.31 BARBARA DUNBAR 45	1:29.25 MARY POHLMANN 49	200 M. FLY WOMEN 45-49
29.89 LAURA VAL 42	1:11.42 ANN LYTTLE 46	1:30.40 KRISTINA KING 46	2:38.78 BARBARA DUNBAR 94
31.87 KARLENE WISE 40	1:11.66 KATHRINE CASEY 45	1:31.83 MARCIA BARRY 45	2:38.78 BARBARA DUNBAR 45
32.14 MARY ANN STEVENS 41	1:11.89 BROOKE DICK 45	1:32.29 LINDA MCHENRY 47	3:20.66 GINGER PIERSON 48
32.33 SUSAN SKIFF 40	1:14.01 MARCIA BARRY 45	200 M. BACK WOMEN 45-49	3:25.00 BARBARA LARSEN 47
32.96 CAROL PFLUGHEBER 40	1:14.89 C.SCHROEDER 45	2:54.40 BROOKE DICK 94	3:34.93 CHRISTINE ZIMMET 46
33.75 R.BRITTINGHAM 42	1:15.20 KRISTINA KING 46	2:54.40 BROOKE DICK 45	3:35.67 SUZANNE DILLS 49
33.89 CHERYL SOLOMON 40	1:16.15 SUE TENDY 45	3:00.33 MARIANNE BREMS 45	3:36.98 KRISTI LOONEY 46
34.64 JACKIE GIDAS 40	200 M. FREE WOMEN 45-49	3:03.55 STEPHANIE WALSH 45	3:43.31 EDITH JACOBSEN 46
34.93 NEDRA MOORE 40	2:24.24 ARDETH MUELLER 87	3:04.90 JEANNIE MITCHELL 47	3:45.91 NANCY KRANPITZ 49
35.11 THERESA HESSLER 42	2:26.00 BARBARA DUNBAR 45	3:06.94 MARY POHLMANN 49	3:49.51 MARY POHLMANN 49
100 M. FLY WOMEN 40-44	2:30.51 CAROLYN BOAK 49	3:07.87 C.SCHROEDER 45	4:00.91 WINIFRED PRALL 46
1:06.27 LAURA VAL 92	2:31.35 F.WILLIAMSON 46	3:10.40 KATHRINE CASEY 45	200 M. I.M. WOMEN 45-49
1:07.06 LAURA VAL 42	2:34.20 ANN LYTTLE 46	3:13.03 KRISTINA KING 46	2:46.91 ARDETH MUELLER 87
1:11.68 SUSAN SKIFF 40	2:40.71 MARCIA BARRY 45	3:18.41 GINGER PIERSON 48	2:47.64 BARBARA DUNBAR 45
1:11.75 MARY ANN STEVENS 41	2:41.47 KATHRINE CASEY 45	3:19.13 SUSAN CASE 45	2:51.88 CAROLYN BOAK 49
1:14.23 KARLENE WISE 40	2:41.65 KRISTINA KING 46	50 M. BRST WOMEN 45-49	2:56.79 SUSAN ROY 46
1:15.12 DENISE EVERITT 41	2:46.48 STEPHANIE WALSH 45	36.97 SUSAN ROY 94	3:06.09 F.WILLIAMSON 46
1:17.72 CAROL PFLUGHEBER 41	2:46.76 C.SCHROEDER 45	36.97 SUSAN ROY 46	3:07.76 KATHRINE CASEY 45
1:20.29 R.BRITTINGHAM 42	2:48.79 SALLY DILLON 47	40.90 CHRISTIE SLIMAK 46	3:08.33 SUZANNE DILLS 49
1:20.66 TERI HENDRYX 41	400 M. FREE WOMEN 45-49	40.99 MEEGAN WILSON 45	3:09.55 LYNN CARTEE 47
1:22.01 DIANNE GARCIA 42	4:59.86 BARBARA DUNBAR 94	41.31 KATHRINE CASEY 45	3:09.82 LINDA MCHENRY 47
1:27.09 CATHERINE QUILL 44	4:59.86 BARBARA DUNBAR 45	42.38 GINGER PIERSON 48	3:12.09 CHRISTIE SLIMAK 46
200 M. FLY WOMEN 40-44	5:20.37 CROLYN BOAK 49	42.68 SUSAN COOLIDGE 47	3:13.22 JANET GETTLING 46
2:33.51 BARBARA DUNBAR 89	5:24.92 F.WILLIAMSON 46	42.76 LYNN CARTEE 47	400 M. I.M. WOMEN 45-49
2:34.64 LAURA VAL 42	5:32.44 ANN LYTTLE 46	43.16 LESLIE TREAT 45	5:54.98 ARDETH MUELLER 87
2:40.47 SUSAN SKIFF 40	5:39.64 MARCIA BARRY 45	43.69 JANET GETTLING 45	5:58.23 BARBARA DUNBAR 45
2:56.89 DENISE EVERITT 41	5:39.68 KATHRINE CASEY 45	43.92 STEPHANIE WALSH 45	6:08.69 CAROLYN BOAK 49
3:09.64 R.BRITTINGHAM 42	5:41.45 SUZANNE DILLS 49	100 M. BRST WOMEN 45-49	6:21.58 MARIANNE BREMS 45
3:11.35 TERI HENDRYX 40	5:42.78 KRISTINA KING 46	1:22.27 SUSAN ROY 94	6:39.44 KATHRINE CASEY 45
3:25.86 CATHERINE QUILL 44	5:50.89 LYNN CARTEE 47	1:22.27 SUSAN ROY 46	6:54.48 GINGER PIERSON 48
3:32.19 FRANCES SHEPERD 44	5:53.59 C.SCHROEDER 45	1:31.39 MEEGAN WILSON 45	6:55.30 CHRISTIE SLIMAK 46
3:47.02 DEBBIE UTZ 41	800 M. FREE WOMEN 45-49	1:33.01 GINGER PIERSON 48	6:57.94 MARY POHLMANN 49
4:06.22 SUSAN COLE 43	10:20.95 BARBARA DUNBAR 94	1:33.20 CHRISTIE SLIMAK 46	7:02.21 LINDA MCHENRY 47
4:06.50 LAURA MELDRUM 41	10:20.95 BARBARA DUNBAR 45	1:33.94 KATHRINE CASEY 45	7:06.79 SANDRA CATHEY 45

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Long Course Meters

7:11.76 BARBARA LARSEN 46	38.71 BETTY BENNETT 51	37.84 BARBARA FRID 52	1:24.49 BEVERLY MYERS 59
*****	41.46 BARBARA FRID 52	39.50 CAROL DEWELL 50	1:24.69 CLAIRE O'BRIEN 55
50 M. FREE WOMEN 50-54	41.59 CAROL DEWELL 50	40.06 BETTY BENNETT 51	1:25.24 MARGIE HEINEMAN 57
29.33 ARDETH MUELLER 93	42.00 CAROL ADAMS 50	40.92 JAYNE LAMBKE 54	200 M. FREE WOMEN 55-59
31.56 NANCY RIDOUT 52	42.42 JACKIE MARR 50	41.35 SUSAN GARFIN 51	2:42.04 LAVELLE STOINOFF 88
32.22 IRENE DAVID 50	43.03 NANCY RIDOUT 52	43.37 DANIELA BARNEA 50	2:50.52 JAYNE LAMBKE 55
33.44 ARLENE PROEBSTING 51	43.03 BARBARA HOELLEN 51	100 M. FLY WOMEN 50-54	2:53.76 SUSAN BRADLEY-COX 56
35.14 JAYNE LAMBKE 54	44.25 CEIL BLACKWELL 53	1:13.86 ARDETH MUELLER 93	2:54.21 CAROL MACPHERSON 55
35.67 N. BROOKS 51	44.34 JENNIFER PARKS 50	1:16.14 ARDETH MUELLER 53	2:56.41 SUSAN MUNN 55
35.92 BARBARA HOELLEN 51	44.35 BETSY DURRANT 52	1:25.38 IRENE DAVID 50	2:58.79 DIANE STOWELL 59
36.01 SUSAN GARFIN 51	100 M. BACK WOMEN 50-54	1:29.84 BARBARA HOELLEN 51	2:59.03 BETSY JORDAN 57
36.49 PATRICIA RIEG 51	1:23.29 BETSY JORDAN 91	1:36.54 NANCY RIDOUT 52	2:59.24 CHARLOTTE JENKINS 55
36.55 LYNNETTE GAZA 50	1:24.63 BETTY BENNETT 51	1:37.24 JAYNE LAMBKE 54	3:04.59 CLAIRE O'BRIEN 55
36.88 SUE CALNEK 51	1:32.56 BARBARA FRID 52	1:40.43 BETTY BENNETT 51	3:04.64 BARBARA ZAREMSKI 57
100 M. FREE WOMEN 50-54	1:32.60 CAROL DEWELL 50	1:47.25 JUDY DECKER 52	3:12.79 MARGIE HEINEMAN 57
1:07.42 ARDETH MUELLER 92	1:32.74 JACKIE MARR 50	1:50.95 SUSAN ANSON 54	400 M. FREE WOMEN 55-59
1:09.25 ARDETH MUELLER 53	1:34.51 CAROL ADAMS 50	1:51.53 PAM HIMSTREET 50	5:36.66 LAVELLE STOINOFF 88
1:13.83 NANCY RIDOUT 52	1:36.20 JENNIFER PARKS 50	1:55.41 LOUISE MURRAY 53	6:01.43 JAYNE LAMBKE 55
1:16.86 IRENE DAVID 50	1:36.53 JUDY DECKER 52	200 M. FLY WOMEN 50-54	6:13.83 SUSAN MUNN 55
1:18.08 JAYNE LAMBKE 54	1:38.26 BETSY DURRANT 52	2:49.53 ARDETH MUELLER 91	6:13.98 CAROL MACPHERSON 55
1:18.96 BETTY BENNETT 51	1:39.06 CEIL BLACKWELL 53	3:22.37 IRENE DAVID 50	6:16.46 BETSY JORDAN 57
1:19.46 BARBARA FRID 52	1:41.13 FREDERICA RAPP 50	3:27.61 JACKIE MARR 51	6:24.05 SUSAN LIVINGSTON 55
1:19.63 ARLENE PROEBSTING 51	200 M. BACK WOMEN 50-54	3:27.89 ELAINE BROMWICH 51	6:24.69 BARBARA ZAREMSKI 57
1:22.15 SUE CALNEK 51	3:01.07 BETSY JORDAN 87	3:40.02 BARBARA HOELLEN 51	6:30.64 CLAIRE O'BRIEN 55
1:25.53 AASJE CARON 52	3:02.20 BETTY BENNETT 51	3:41.97 JANE KATZ 51	6:30.72 CHARLOTTE JENKINS 55
1:26.54 LOUISE MURRAY 54	3:07.94 JACKIE MARR 51	4:15.63 PAT WHITE MALEY 51	6:31.51 JOANN LEILICH 55
200 M. FREE WOMEN 50-54	3:08.25 SARAH BROUGHER 52	4:24.53 MARYLOU SCHULZ 54	6:41.05 SANDRA KINGDON 55
2:29.22 ARDETH MUELLER 93	3:20.93 J. MURPHY-SHERMAN 50	4:25.50 FREDERICA RAPP 50	800 M. FREE WOMEN 55-59
2:31.41 ARDETH MUELLER 53	3:24.66 BETSY DURRANT 52	4:34.84 JEANNINE OLSON 54	11:30.97 LAVELLE STOINOFF 88
2:45.27 NANCY RIDOUT 52	3:26.98 JUDY DECKER 52	5:47.77 KITTY KESSLER 51	12:36.62 JAYNE LAMBKE 55
2:53.05 BETTY BENNETT 51	3:28.54 BARBARA HOELLEN 51	200 M. I.M. WOMEN 50-54	12:45.59 CAROL MACPHERSON 55
2:53.78 JAYNE LAMBKE 54	3:29.05 CAROL ADAMS 50	2:54.57 ARDETH MUELLER 91	12:52.53 SUSAN MUNN 55
2:56.75 SUSAN GARFIN 51	3:32.23 CEIL BLACKWELL 53	3:06.05 JACKIE MARR 51	13:10.33 BETSY JORDAN 57
2:57.40 IRENE DAVID 50	3:33.00 JENNIFER PARKS 50	3:09.64 BETTY BENNETT 51	13:12.94 DIANE STOWELL 59
3:01.08 BETSY DURRANT 52	50 M. BRST WOMEN 50-54	3:19.25 J. MURPHY-SHERMAN 50	13:13.69 CHARLOTTE JENKINS 55
3:01.82 ARLENE PROEBSTING 51	40.22 JAYNE BRUNER 86	3:25.68 SUSAN GARFIN 51	13:57.53 BARBARA ZAREMSKI 57
3:02.33 PAT WHITE MALEY 50	41.25 ELAINE BROMWICH 51	3:26.99 JAYNE LAMBKE 54	14:01.28 SUSAN SPRINGER 55
3:10.16 JENNIFER PARKS 50	43.32 N. BROOKS 51	3:28.48 JUDITH DECKER 52	14:01.53 ANNE MCGUIRE 59
400 M. FREE WOMEN 50-54	45.04 J. MURPHY-SHERMAN 50	3:37.23 CAROL ADAMS 50	14:46.14 SALLY BOLAR 55
5:16.62 ARDETH MUELLER 91	45.05 BETSY DURRANT 52	3:37.99 CAROL LAIRD 52	1500 M. FREE WOMEN 55-59
5:41.17 JANE KATZ 51	45.89 NANCY RIDOUT 52	3:40.57 FREDERICA RAPP 50	22:18.91 LAVELLE STOINOFF 88
5:54.09 NANCY RIDOUT 52	45.95 BETTY BENNETT 51	3:41.77 DANIELA BARNEA 50	24:33.75 SUSAN MUNN 55
6:04.24 BARBARA FRID 52	46.12 BARBARA FRID 52	400 M. I.M. WOMEN 50-54	24:49.73 BARBARA ZAREMSKI 57
6:06.82 IRENE DAVID 50	46.18 CAROL DEWELL 50	6:12.08 ARDETH MUELLER 92	25:05.36 CHARLOTTE JENKINS 55
6:07.15 JAYNE LAMBKE 54	46.29 CAROL LAIRD 52	6:41.59 JACKIE MARR 51	25:08.45 BETSY JORDAN 57
6:24.45 BETTY BENNETT 51	46.45 DANIELA BARNEA 50	6:45.13 BETTY BENNETT 51	25:57.59 SUSAN LIVINGSTON 55
6:28.97 JUDY DECKER 52	100 M. BRST WOMEN 50-54	6:51.09 J. MURPHY-SHERMAN 50	25:59.60 SANDRA KINGDON 55
6:29.26 SUE CALNEK 51	1:28.83 JOANN LEILICH 90	6:51.18 ELAINE BROMWICH 51	27:48.71 KATE KNIGHT-PERRY 59
6:39.40 LOUISE MURRAY 53	1:29.42 ELAINE BROMWICH 51	7:36.90 PAT WHITE MALEY 51	28:25.78 SALLY BOLAR 55
6:43.05 FREDERICA RAPP 50	1:35.51 N. BROOKS 51	7:38.10 FREDERICA RAPP 50	28:37.77 PATRICIA ARNOLD 55
800 M. FREE WOMEN 50-54	1:38.75 J. MURPHY-SHERMAN 50	7:42.51 VICKIE CONNOLLY 50	29:47.31 INGRID STINE 55
10:58.47 ARDETH MUELLER 91	1:39.56 BARBARA FRID 52	7:45.19 SANDY ETNYRE 52	50 M. BACK WOMEN 55-59
11:03.75 ARDETH MUELLER 53	1:39.82 DANIELA BARNEA 50	8:07.99 MARYLOU SCHULZ 54	37.30 BETSY JORDAN 92
12:03.36 JACKIE MARR 51	1:41.51 CAROL LAIRD 52	8:08.93 LOUISE MURRAY 54	39.95 BETSY JORDAN 57
12:16.26 NANCY RIDOUT 52	1:41.87 BETSY DURRANT 52	*****	44.14 BEVERLY MYERS 59
12:17.21 BARBARA FRID 52	1:42.17 CAROL DEWELL 50	50 M. FREE WOMEN 55-59	44.91 ANN CHAMP 58
12:55.89 PAT WHITE MALEY 50	1:43.83 AASJE CARON 52	32.59 JAYNE BRUNER 91	44.97 SUSAN LIVINGSTON 55
13:13.93 BETTY BENNETT 51	1:44.96 CAROLYN BEHSE 51	34.65 JAYNE LAMBKE 55	46.08 DORIS KLITZKE 59
13:20.72 IRENE DAVID 50	200 M. BRST WOMEN 50-54	35.24 SUSAN BRADLEY-COX 56	46.60 BARBARA DILLARD 56
13:30.86 JUDY DECKER 52	3:15.51 ELAINE BROMWICH 93	35.53 JOHNNIE DETRICK 58	46.90 CLAIRE OBRIEN 55
13:39.38 JENNIFER PARKS 50	3:18.58 ELAINE BROMWICH 51	35.62 DIANE STOWELL 59	47.04 MARGIT JEBO 55
13:52.97 PAM HIMSTREET 50	3:34.74 N. BROOKS 51	35.95 CHARLOTTE JENKINS 55	47.63 SUSAN BRADLEY-COX 56
1500 M. FREE WOMEN 50-54	3:34.90 J. MURPHY-SHERMAN 50	36.10 BARBARA ZAREMSKI 57	48.07 MARIAN COAKLEY 56
21:02.46 ARDETH MUELLER 91	3:36.69 DANIELA BARNEA 50	36.50 BETSY JORDAN 57	100 M. BACK WOMEN 55-59
23:27.81 SARAH BROUGHER 52	3:42.89 PAM HIMSTREET 50	36.53 SUSAN MUNN 55	1:21.42 BETSY JORDAN 92
24:05.59 JAYNE LAMBKE 54	3:45.56 AASJE CARON 52	36.76 SALLY NEWELL 56	1:24.35 BETSY JORDAN 57
24:30.52 SUSAN GARFIN 51	3:46.54 BETSY DURRANT 52	37.05 MARGIE HEINEMAN 57	1:37.65 BEVERLY MYERS 58
24:49.60 PAT WHITE MALEY 51	3:51.39 BETTY BENNETT 51	100 M. FREE WOMEN 55-59	1:41.45 SUSAN LIVINGSTON 55
24:59.74 IRENE DAVID 50	3:52.24 FRANCESCA DRUM 52	1:12.34 JAYNE BRUNER 89	1:41.55 SUSAN SPRINGER 55
25:47.83 NANCY KIRKENDALL 51	3:58.38 MARILYN RAMEY 54	1:16.37 JAYNE LAMBKE 55	1:41.64 BARBARA ZAREMSKI 57
26:08.89 PAM HIMSTREET 50	50 M. FLY WOMEN 50-54	1:18.54 SUSAN BRADLEY-COX 56	1:45.00 MARIAN COAKLEY 56
26:42.50 JENNIFER PARKS 50	31.69 ARDETH MUELLER 93	1:21.09 DIANE STOWELL 59	1:46.29 HARUMI SUGIMOTO 55
26:57.80 SANDY ETNYRE 52	34.67 SARAH BROUGHER 52	1:21.36 CHARLOTTE JENKINS 55	1:48.36 PATRICIA TULLMAN 57
27:06.01 FREDERICA RAPP 50	34.89 IRENE DAVID 50	1:21.82 BARBARA ZAREMSKI 57	1:53.24 BARBARA DILLARD 55
50 M. BACK WOMEN 50-54	36.30 NANCY RIDOUT 52	1:23.11 JOHNNIE DETRICK 58	1:53.77 PAT BARLOW 55
37.62 BETSY JORDAN 91	36.91 BARBARA HOELLEN 51	1:23.94 BETSY JORDAN 57	200 M. BACK WOMEN 55-59

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2:59.18 BETSY JORDAN 92	3:48.04 BETSY JORDAN 57	7:16.83 DONNA MONROE 60	100 M. BRST WOMEN 60-64
3:06.51 BETSY JORDAN 57	4:02.39 SALLY BOLAR 55	7:19.82 JOAN ALEXANDER 62	1:35.25 JAYNE BRUNER 94
3:19.17 CAROL MACPHERSON 55	4:03.58 BARBARA ZAREMSKI 57	7:24.94 NANCY DURSTEIN 64	1:35.25 JAYNE BRUNER 60
3:24.65 SUSAN LIVINGSTON 55	4:10.63 DOT WERRY 57	7:33.83 BARBARA JOHNSON 61	1:41.51 ANN PISCIOTTA 63
3:29.15 ANN CHAMP 59	4:25.55 SUSAN SPRINGER 55	800 M. FREE WOMEN 60-64	1:44.04 DIANE STOWELL 60
3:38.54 SUSAN MUNN 55	4:25.62 INGRID STINE 55	12:01.79 LAVELLE STOINOFF 94	1:52.43 CINDY BAXTER 61
3:47.70 SUSAN SPRINGER 55	4:34.57 HELEN GEOFFRION 55	12:01.79 LAVELLE STOINOFF 61	1:52.55 CAROL FERGUSON 63
3:47.95 BARBARA ZAREMSKI 57	200 M. I.M. WOMEN 55-59	13:43.01 SUZANNE ROBBINS 60	1:55.71 NORIKO YATSUNAMI 60
3:48.40 HARUMI SUGIMOTO 55	3:06.11 JAYNE BRUNER 92	14:10.22 ANN PISCIOTTA 63	1:55.79 BARBARA CALLISON 61
3:49.18 ANN MCDONNELL 55	3:22.29 JOANN LEILICH 55	14:26.95 DONNA MONROE 60	1:57.94 DONNA EDELBAUM 60
4:00.53 PATRICIA ARNOLD 55	3:25.53 BETSY JORDAN 57	14:39.17 MALCHIA OLSHAN 63	2:02.24 MARY ANN STONE 60
50 M. BRST WOMEN 55-59	3:25.74 BEVERLY MYERS 59	15:36.67 NANCY DURSTEIN 64	2:05.38 HANNELORE SNYDER 63
39.91 JAYNE BRUNER 91	3:28.91 SUSAN BRADLEY-COX 56	16:31.79 ANN DALLAM 63	200 M. BRST WOMEN 60-64
42.92 JOANN LEILICH 55	3:30.92 SUSAN MUNN 55	16:36.49 KATHY ISERI 61	3:35.24 ANN PISCIOTTA 94
45.61 MARGIT JEBE 56	3:32.64 MARGIT JEBE 56	16:40.28 DOLLY HINCKLEY 63	3:35.24 ANN PISCIOTTA 63
46.47 SALLY NEWELL 56	3:33.96 ANNE MCGUIRE 59	17:00.04 BARBARA ALLEN 61	3:39.74 LAVELLE STOINOFF 61
46.63 JOHNNIE DETRICK 58	3:36.24 SUSAN LIVINGSTON 55	1500 M. FREE WOMEN 60-64	4:00.32 CAROL FERGUSON 63
46.79 J.G. PIPER 57	3:36.92 BARBARA ZAREMSKI 57	23:17.39 LAVELLE STOINOFF 93	4:06.42 JOAN ALEXANDER 62
46.99 DIANE STOWELL 59	3:40.98 DORIS KLITZKE 59	25:25.18 RONNIE KAMPHAUSEN 60	4:09.12 DONNA EDELBAUM 60
47.36 MARGIE HEINEMAN 57	400 M. I.M. WOMEN 55-59	26:08.36 MALCHIA OLSHAN 63	4:10.51 BARBARA CALLISON 61
47.90 ANNE MCGUIRE 59	6:42.05 GAIL ROPER 85	26:47.72 ANN PISCIOTTA 63	4:13.02 NORIKO YATSUNAMI 60
48.07 BEVERLY MYERS 59	7:07.94 BETSY JORDAN 57	27:59.35 DONNA MONROE 60	4:23.42 MARY ANN STONE 60
48.46 ALICE JONES 56	7:21.68 JAYNE LAMBKE 55	28:58.12 NANCY DURSTEIN 64	4:25.31 PEGGY BUCHANAN 61
100 M. BRST WOMEN 55-59	7:27.33 SUSAN LIVINGSTON 55	31:00.57 DOLLY HINCKLEY 64	4:30.11 MALCHIA OLSHAN 63
1:29.88 JAYNE BRUNER 92	7:29.00 ANNE MCGUIRE 59	32:15.80 DONNA EDELBAUM 60	50 M. FLY WOMEN 60-64
1:33.04 JOANN LEILICH 55	7:29.28 SUSAN MUNN 55	32:30.49 BARBARA ALLEN 61	38.10 JAYNE BRUNER 94
1:38.79 MARGIT JEBE 56	7:34.92 BARBARA ZAREMSKI 57	34:15.90 JILL COLEMAN 63	38.10 JAYNE BRUNER 60
1:41.11 ANNE MCGUIRE 59	7:56.45 DORIS KLITZKE 59	34:18.55 NANCY MCPHEE 61	43.10 BARBARA CALLISON 61
1:42.79 SALLY NEWELL 56	8:08.01 DOT WERRY 57	50 M. BACK WOMEN 60-64	43.51 ANN KAY 60
1:44.08 JOHNNIE DETRICK 58	8:11.14 SUSAN SPRINGER 55	40.35 DORIS STEADMAN 89	46.30 JOAN ALEXANDER 62
1:44.11 BEVERLY MYERS 59	8:24.41 DAWN STROUPE 56	43.97 ANN KAY 60	46.73 ANN PISCIOTTA 63
1:45.61 J.G. PIPER 57	*****	46.20 RONNIE KAMPHAUSEN 60	46.85 ADRIENNE PIPES 60
1:48.34 ALICE JONES 56	50 M. FREE WOMEN 60-64	47.73 ANN PISCIOTTA 63	50.15 DONNA EDELBAUM 60
1:49.56 JEAN STERLING 57	33.11 JAYNE BRUNER 94	48.10 SUZANNE ROBBINS 60	53.02 RUTH HOSKINSON 63
1:49.76 BETSY JORDAN 57	33.11 JAYNE BRUNER 60	49.82 ARDIS BOURLAND 61	55.63 JILL COLEMAN 64
200 M. BRST WOMEN 55-59	36.52 RONNIE KAMPHAUSEN 60	49.91 CINDY BAXTER 61	55.66 NANCY DURSTEIN 64
3:19.93 JOANN LEILICH 94	36.66 DIANE STOWELL 60	51.11 DONNA EDELBAUM 60	100 M. FLY WOMEN 60-64
3:19.93 JOANN LEILICH 55	37.60 DIANE REED 63	51.92 BARBARA ALLEN 61	1:34.48 ANNE ADAMS 88
3:38.12 MARGIT JEBE 56	38.91 MARGARET TIMMINS 64	52.90 SHIRLEY BEHELER 60	1:36.71 JAYNE BRUNER 60
3:40.26 ANNE MCGUIRE 59	39.12 BARBARA CALLISON 61	53.36 KATHIE THEIS 62	1:46.07 ANN PISCIOTTA 63
3:44.00 SALLY NEWELL 56	39.50 CAROL FERGUSON 63	100 M. BACK WOMEN 60-64	1:48.45 BARBARA CALLISON 61
3:49.05 DAWN STROUPE 56	39.66 KATHIE THEIS 62	1:31.06 CLARA WALKER 86	1:51.77 JOAN ALEXANDER 62
3:51.08 JOHNNIE DETRICK 58	40.34 BARBARA JOHNSON 61	1:34.29 ANN KAY 60	1:51.81 ANN KAY 60
3:53.67 J.G. PIPER 57	40.61 A.BOURLAND 61	1:43.37 ANN PISCIOTTA 63	1:56.82 DONNA EDELBAUM 60
3:57.27 SANDRA KINGDON 55	100 M. FREE WOMEN 60-64	1:48.95 DONNA EDELBAUM 60	1:57.76 ADRIENNE PIPES 60
3:57.42 URSULA HARRIS 55	1:14.69 JAYNE BRUNER 94	1:49.32 SUZANNE ROBBINS 60	1:59.28 MALCHIA OLSHAN 63
3:58.23 BARBARA ZAREMSKI 57	1:14.69 JAYNE BRUNER 60	1:51.17 BARBARA CALLISON 61	2:07.67 DONNA MONROE 60
50 M. FLY WOMEN 55-59	1:17.64 LAVELLE STOINOFF 61	1:53.92 NANCY DURSTEIN 64	2:09.66 JILL COLEMAN 64
35.29 GAIL ROPER 85	1:21.58 ANN KAY 60	1:54.82 BARBARA ALLEN 61	200 M. FLY WOMEN 60-64
39.09 JAYNE LAMBKE 55	1:22.69 MOLLIE HUFF 62	1:57.50 MARY JANE MULLINS 63	3:32.87 GAIL ROPER 90
39.65 CHARLOTTE JENKINS 55	1:24.23 DIANE REED 63	1:58.08 A.BOURLAND 61	3:48.06 ANN PISCIOTTA 63
40.96 BETSY JORDAN 57	1:29.31 MARY ANN STONE 60	1:58.51 GAY COLLINS 64	4:06.08 DONNA EDELBAUM 60
42.26 MARGARET HEINEMAN 57	1:29.63 ANN PISCIOTTA 63	200 M. BACK WOMEN 60-64	4:12.13 JOAN ALEXANDER 62
42.42 BEVERLY MYERS 59	1:30.83 MALCHIA OLSHAN 63	3:12.84 LAVELLE STOINOFF 94	4:15.56 MALCHIA OLSHAN 63
44.11 ANNE MCGUIRE 59	1:31.94 CAROL FERGUSON 62	3:12.84 LAVELLE STOINOFF 61	4:21.30 ADRIENNE PIPES 60
44.72 HARUMI SUGIMOTO 55	1:32.47 BARBARA CALLISON 61	3:25.41 ANN KAY 60	4:26.91 DONNA MONROE 60
44.79 SUSAN BRADLEY-COX 56	200 M. FREE WOMEN 60-64	3:42.18 ANN PISCIOTTA 63	4:30.01 NANCY DURSTEIN 64
44.83 SALLY BOLAR 55	2:43.83 LAVELLE STOINOFF 93	3:49.38 DONNA EDELBAUM 60	4:32.23 BARBARA CALLISON 61
46.74 DORIS KLITZKE 59	2:45.37 LAVELLE STOINOFF 61	3:55.99 SUZANNE ROBBINS 60	4:42.30 RUTH HOSKINSON 64
100 M. FLY WOMEN 55-59	2:57.46 DIANE STOWELL 60	4:01.20 MARY JANE MULLINS 63	6:54.94 TRISH HUNTER 60
1:27.49 GAIL ROPER 85	3:00.42 RONNIE KAMPHAUSEN 60	4:05.54 NANCY DURSTEIN 64	200 M. I.M. WOMEN 60-64
1:33.41 JAYNE LAMBKE 55	3:10.09 DIANE REED 63	4:13.06 BARBARA OWENS 64	3:17.40 CLARA WALKER 86
1:35.87 SUSAN MUNN 55	3:14.72 ANN PISCIOTTA 63	4:14.83 JILL COLEMAN 64	3:30.67 ANN PISCIOTTA 63
1:37.55 CHARLOTTE JENKINS 55	3:18.87 MALCHIA OLSHAN 63	4:14.92 BARBARA ALLEN 61	3:36.57 ANN KAY 60
1:38.44 BETSY JORDAN 57	3:21.02 ADRIENNE PIPES 60	50 M. BRST WOMEN 60-64	3:37.57 BARBARA CALLISON 61
1:42.31 SUSAN LIVINGSTON 55	3:24.01 MARY ANN STONE 60	43.32 JAYNE BRUNER 94	3:53.00 DONNA EDELBAUM 60
1:42.33 MARGIT JEBE 56	3:26.85 DONNA MONROE 60	42.65 JAYNE BRUNER 60	3:56.87 JOAN ALEXANDER 62
1:43.83 ANNE MCGUIRE 59	3:28.76 BARBARA CALLISON 61	46.40 ANN PISCIOTTA 63	4:00.14 MALCHIA OLSHAN 63
1:45.81 SALLY BOLAR 55	400 M. FREE WOMEN 60-64	50.46 CAROL FERGUSON 62	4:03.67 ADRIENNE PIPES 60
1:49.44 DOT WERRY 57	5:47.52 LAVELLE STOINOFF 93	52.56 NORIKO YATSUNAMI 60	4:05.86 NANCY DURSTEIN 64
1:52.54 DORIS KLITZKE 59	5:48.67 LAVELLE STOINOFF 61	53.01 DONNA EDELBAUM 60	4:06.12 CAROL FERGUSON 63
200 M. FLY WOMEN 55-59	6:42.85 MALCHIA OLSHAN 63	54.20 JOAN ALEXANDER 62	4:09.02 BARBARA OWENS 64
3:19.84 GAIL ROPER 85	6:51.39 ANN PISCIOTTA 63	55.26 HANNELORE SNYDER 63	400 M. I.M. WOMEN 60-64
3:40.91 SUSAN LIVINGSTON 55	7:04.23 DIANE REED 63	56.67 SUZANNE ROBBINS 60	6:59.45 CLARA WALKER 86
3:41.27 MARGIT JEBE 56	7:07.08 MARY ANN STONE 60	58.61 JAN RAINS 60	7:31.63 ANN PISCIOTTA 63
3:43.12 ANNE MCGUIRE 59	7:07.15 ADRIENNE PIPES 60	59.43 JILL COLEMAN 64	8:15.72 DONNA EDELBAUM 60

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8:16.12 BARBARA CALLISON 61	28:17.64 ANITA HAZEN 66	4:47.89 J.GLARATON 67	1:26.65 PETEY SMITH 70
8:25.72 MALCHIA OLSHAN 63	29:81.00 JOAN MCINTYRE 65	50 M. FLY WOMEN 65-69	1:32.58 RUTH BAAR 71
8:28.52 JOAN ALEXANDER 62	30:58.03 LOIS NOCHMAN 69	43.35 FLORENCE CARR 90	1:32.63 MARGERY MEYER 71
8:32.95 DONNA MONROE 60	32:07.01 BETH BLICKFELDT 67	44.06 JUNE KRAUSER 68	1:36.12 ELLA CARMICHAEL 70
8:34.83 NANCY DURSTEIN 64	32:18.45 MARIAN WOLLE 66	44.77 NANCY MACBETH 65	1:37.38 DOT DONNELLY 72
8:50.60 ADRIENNE PIPES 60	50 M. BACK WOMEN 65-69	46.71 CLARA WALKER 68	1:40.64 GRACE ALTUS 70
9:16.18 RUTH HOSKINSON 64	39.85 CLARA WALKER 92	46.78 LOIS NOCHMAN 69	1:42.07 SUSANNA MARVEL 74
9:23.27 MARY JANE MULLINS 63	42.12 CLARA WALKER 68	47.34 DELLA SEHORN 67	1:44.08 BUNNY CEDERLUND 72
*****	42.52 DORIS STEADMAN 69	48.94 EDIE GRUENDER 65	1:44.79 MURIEL FLYNN 71
50 M. FREE WOMEN 65-69	47.62 DELLA SEHORN 67	49.31 FLORENCE CARR 69	1:46.48 B.BURRILL 73
34.75 CLARA WALKER 92	48.09 NANCY MACBETH 65	50.42 JEAN TROY 67	200 M. FREE WOMEN 70-74
35.24 CLARA WALKER 68	48.85 JUNE KRAUSER 68	55.53 ALICIA COLEMAN 68	3:13.62 PETEY SMITH 94
37.50 GAIL ROPER 65	49.40 FLORENCE CARR 69	55.54 BETTY DUNN 69	3:13.62 PETEY SMITH 70
37.87 BETTY RUSS 67	49.49 M.J. AMSBARY 69	100 M. FLY WOMEN 65-69	3:18.42 MARGERY MEYER 71
38.01 FLORENCE CARR 69	52.45 PATRICIA DOTSON 67	1:39.12 JUNE KRAUSER 94	3:33.76 RUTH BAAR 71
38.59 JEAN TROY 67	53.31 JOAN MCINTYRE 65	1:39.12 JUNE KRAUSER 68	3:35.09 GRACE ALTUS 70
38.75 PETEY SMITH 69	53.75 ALICIA COLEMAN 68	1:45.61 NANCY MACBETH 65	3:35.34 C.WILLIAMS 70
39.50 NANCY MACBETH 65	100 M. BACK WOMEN 65-69	1:46.96 DELLA SEHORN 67	3:38.89 ELLA CARMICHAEL 70
39.98 JUNE KRAUSER 68	1:30.97 CLARA WALKER 91	1:53.36 EDIE GRUENDER 65	3:47.76 JEANNE MERRYMAN 71
41.15 SUZANNE GRAHAM 67	1:34.38 CLARA WALKER 68	1:53.63 FLORENCE CARR 69	3:50.56 SUSANNA MARVEL 74
41.70 BERNA BENNETT 66	1:34.93 DORIS STEADMAN 69	1:54.27 BETTY RUSS 67	3:51.55 MARY LEE WATSON 72
100 M. FREE WOMEN 65-69	1:43.76 DELLA SEHORN 67	1:55.40 LOIS NOCHMAN 69	3:55.19 B.BURRILL 73
1:16.84 CLARA WALKER 92	1:47.13 JUNE KRAUSER 68	1:57.04 CLARA WALKER 68	400 M. FREE WOMEN 70-74
1:19.72 CLARA WALKER 68	1:48.37 NANCY MACBETH 65	2:13.16 BETTY DUNN 69	6:46.55 PETEY SMITH 94
1:25.21 GAIL ROPER 65	1:48.44 FLORENCE CARR 69	2:17.95 RUTH AARON 65	6:46.55 PETEY SMITH 70
1:25.87 PETEY SMITH 69	1:50.46 M.J. AMSBARY 69	200 M. FLY WOMEN 65-69	7:14.68 MARGERY MEYER 71
1:26.01 JEAN TROY 67	1:51.13 JOAN MCINTYRE 65	3:36.25 JUNE KRAUSER 94	7:25.49 GRACE ALTUS 70
1:26.29 BETTY RUSS 67	1:53.10 BERNA BENNETT 66	3:36.25 JUNE KRAUSER 68	7:33.61 RUTH BAAR 71
1:26.55 FLORENCE CARR 69	1:55.35 PATRICIA DOTSON 67	4:03.45 BETTY RUSS 67	8:07.76 SUSANNA MARVEL 74
1:26.56 JUNE KRAUSER 67	200 M. BACK WOMEN 65-69	4:04.09 NANCY MACBETH 65	8:12.13 DOT DONNELLY 72
1:28.47 NANCY MACBETH 65	3:17.12 DORIS STEADMAN 90	4:31.33 EDIE GRUENDER 65	8:13.32 RUTH MANFREDI 70
1:33.11 DELLA SEHORN 67	3:25.09 CLARA WALKER 68	4:56.58 RUTH AARON 65	8:16.55 B.BURRILL 73
1:35.10 ANITA HAZEN 66	3:27.76 DORIS STEADMAN 69	5:01.57 MARIAN WOLLE 66	8:28.50 PAULINE STANGEL 72
200 M. FREE WOMEN 65-69	3:38.95 NANCY MACBETH 65	5:07.19 BETTY DUNN 69	8:34.04 BUNNY CEDERLUND 72
2:48.51 CLARA WALKER 92	3:46.16 DELLA SEHORN 67	5:08.11 J.GLARATON 67	800 M. FREE WOMEN 70-74
2:54.37 CLARA WALKER 68	3:46.36 JUNE KRAUSER 67	5:15.75 GLADYS OLSEN 68	13:51.53 PETEY SMITH 94
3:04.99 JUNE KRAUSER 67	3:54.52 JOAN MCINTYRE 65	5:31.09 GLORIA MARIENTHAL 69	13:51.53 PETEY SMITH 70
3:09.02 BETTY RUSS 67	3:58.79 FLORENCE CARR 69	200 M. I.M. WOMEN 65-69	14:54.69 MARGERY MEYER 71
3:10.32 JEAN TROY 67	4:07.61 STEFANENA KYSOR 65	3:19.01 CLARA WALKER 91	15:35.94 GRACE ALTUS 70
3:13.62 PETEY SMITH 69	4:07.94 PEGGY SANBORN 67	3:30.86 CLARA WALKER 68	16:37.92 RUTH MANFREDI 70
3:17.46 FLORENCE CARR 69	4:08.11 M.J. AMSBARY 69	3:35.24 JUNE KRAUSER 68	17:20.83 B.ANN BURRILL 73
3:23.65 DELLA SEHORN 67	50 M. BRST WOMEN 65-69	3:36.96 NANCY MACBETH 65	17:38.65 SUSANNA MARVEL 74
3:25.38 ANITA HAZEN 66	46.07 CLARA WALKER 93	3:45.09 DELLA SEHORN 67	17:51.54 PAULINE STANGEL 72
3:27.88 EDIE GRUENDER 65	48.21 CLARA WALKER 68	3:52.66 JEAN TROY 67	17:56.71 JEAN BEERS 72
3:31.49 BETTY BARABASH 65	50.17 JUNE KRAUSER 68	3:54.71 FLORENCE CARR 69	18:04.40 MARJORIE NEWMAN 70
400 M. FREE WOMEN 65-69	50.47 CAROL TAYLOR 65	4:11.75 BETH BLICKFELDT 67	18:16.30 JAE HOWELL 71
6:05.22 CLARA WALKER 91	51.78 M.J. AMSBARY 69	4:15.12 LOIS NOCHMAN 69	1500 M. FREE WOMEN 70-74
6:10.49 CLARA WALKER 68	51.96 ALICIA COLEMAN 68	4:20.58 RUTH AARON 65	27:05.80 PETEY SMITH 94
6:27.48 JUNE KRAUSER 68	53.64 MICKEY SHOCKLEY 65	4:20.67 ALICIA COLEMAN 68	27:05.80 PETEY SMITH 70
6:46.55 PETEY SMITH 69	54.30 NANCY MACBETH 65	400 M. I.M. WOMEN 65-69	28:14.29 GRACE ALTUS 70
6:50.87 BETTY JANE RUSS 67	55.55 SUZANNE GRAHAM 67	7:09.69 CLARA WALKER 92	28:36.57 MARGERY MEYER 71
6:52.48 GAIL ROPER 65	56.24 JEAN TROY 66	7:28.63 JUNE KRAUSER 68	32:42.93 SUE MARVEL 74
6:56.29 FLORENCE CARR 69	56.67 DELLA SEHORN 67	7:30.11 CLARA WALKER 68	36:09.76 JANE ROSSELL 72
7:10.81 ANITA HAZEN 66	100 M. BRST WOMEN 65-69	7:53.30 GAIL ROPER 65	36:18.34 ELINOR WRIGHT 70
7:29.21 BETTY BARABASH 66	1:42.84 CLARA WALKER 91	8:17.20 BETTY RUSS 67	38:26.84 ZADA TAFT 74
7:31.53 EDIE GRUENDER 65	1:49.71 CLARA WALKER 68	8:23.54 FLORENCE CARR 69	39:57.80 MARION CHADWICK 72
7:38.04 SUZANNE GRAHAM 67	1:51.33 JUNE KRAUSER 67	8:52.73 EDIE GRUENDER 65	43:24.81 MARGARET BROU 71
800 M. FREE WOMEN 65-69	1:55.04 MARY JANE AMSBARY 69	8:58.60 LOIS NOCHMAN 69	50 M. BACK WOMEN 70-74
12:27.60 CLARA WALKER 92	1:57.56 CAROL TAYLOR 65	9:16.58 MARIAN WOLLE 66	44.53 BUNNY CEDERLUND 92
12:55.92 CLARA WALKER 68	1:59.24 MICKEY SHOCKLEY 65	9:25.22 JOAN MCINTYRE 65	45.43 BUNNY CEDERLUND 72
12:59.19 JUNE KRAUSER 68	2:02.36 FLORENCE CARR 69	10:07.41 GLADYS OLSEN 68	47.24 MARGERY MEYER 71
14:00.41 BETTY JANE RUSS 67	2:03.41 RUTH AARON 65	*****	48.90 REGAN KENNER 70
14:09.03 GAIL ROPER 65	2:07.29 JEAN TROY 66	50 M. FREE WOMEN 70-74	49.69 JEANNE MERRYMAN 71
14:36.77 FLORENCE CARR 69	2:09.74 BUNNY DAWSON 66	38.12 DOROTHY DONNELLY 93	49.92 C.WILLIAMS 70
14:56.38 ANITA HAZEN 66	2:13.10 MARIANNA HAGAN 65	38.73 PETEY SMITH 70	50.97 BETTY CHRISTIAN 72
15:06.85 EDIE GRUENDER 65	200 M. BRST WOMEN 65-69	39.84 JEANNE MERRYMAN 71	53.47 H.HUGGINS 72
15:10.79 DELLA SEHORN 67	3:47.50 CLARA WALKER 93	39.90 DOT DONNELLY 72	54.74 DIANA SILVA 72
15:12.03 PATRICIA DOTSON 67	3:56.78 JUNE KRAUSER 67	39.94 MARGERY MEYER 71	54.96 ELSIE STEVENS 72
15:43.63 BETTY BARABASH 65	4:08.30 CLARA WALKER 68	40.30 RUTH BAAR 71	55.68 NANCY PHILLIPS 73
1500 M. FREE WOMEN 65-69	4:11.99 MICKEY SHOCKLEY 65	40.64 ELLA CARMICHAEL 70	100 M. BACK WOMEN 70-74
24:07.05 CLARA WALKER 92	4:16.37 M.J. AMSBARY 69	44.57 BUNNY CEDERLUND 72	1:43.64 BUNNY CEDERLUND 94
25:04.73 CLARA WALKER 67	4:19.78 CAROL TAYLOR 65	45.26 B.BURRILL 73	1:43.64 BUNNY CEDERLUND 72
25:13.05 JUNE KRAUSER 68	4:24.92 BETH BLICKFELDT 67	45.59 SUSANNA MARVEL 74	1:43.83 REGAN KENNER 70
26:57.27 GAIL ROPER 65	4:40.31 MARIAN WOLLE 66	45.96 GRACE ALTUS 70	1:47.54 MARGERY MEYER 71
26:59.37 BETTY RUSS 67	4:42.75 LOIS NOCHMAN 69	100 M. FREE WOMEN 70-74	1:50.28 JEANNE MERRYMAN 71
27:56.62 FLORENCE CARR 69	4:46.69 NAN BLACKLEDGE 69	1:26.65 PETEY SMITH 94	1:50.30 C.WILLIAMS 70

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Long Course Meters

1:51.19 PATSY WEISS 71	2:45.19 WINNIE WALTER 73	9:13.51 Y.FRISCHHERTZ 76	2:13.36 MARY WENTWORTH 78
1:52.89 BETTY CHRISTIAN 72	200 M. FLY WOMEN 70-74	9:15.83 GERTRUD ZINT 76	2:15.51 RITA SIMONTON 75
2:01.54 DIANA SILVA 72	4:37.05 MAXINE MERLINO 82	10:47.15 HELENA HOFFMAN 78	2:22.42 KAY SCHIMPF 76
2:02.80 H.HUGGINS 72	4:46.41 JAE HOWELL 71	10:50.00 G.NICKERSON 75	2:26.53 EDITH GLUSAC 75
2:03.60 NANCY PHILLIPS 73	4:54.13 JUNE REYNOLDS 72	800 M. FREE WOMEN 75-79	2:30.62 SALLY JOY 77
200 M. BACK WOMEN 70-74	5:15.48 RUTH MANFREDI 70	15:41.45 RITA SIMONTON 93	2:35.49 JEAN DURSTON 79
3:46.20 REGAN KENNER 94	5:43.86 WINNIE WALTER 73	16:17.96 RITA SIMONTON 76	2:48.89 MARY JANE REEVES 77
3:46.20 REGAN KENNER 70	6:50.93 MARJORIE NEWMAN 70	17:41.57 AUDREY ETIENNE 77	2:52.85 MARIE KREIPE 75
3:51.61 PATSY WEISS 71	7:19.19 ELFIE STEVENIN 72	17:50.20 MARIA LENK-ZIGLER 79	2:53.03 HELEN ROUMASSET 79
3:52.24 BUNNY CEDERLUND 72	11:20.05 MARION CHADWICK 73	17:58.16 JEAN DURSTON 79	200 M. BRST WOMEN 75-79
4:04.56 MARGERY MEYER 71	200 M. I.M. WOMEN 70-74	18:04.13 MARY JANE REEVES 77	4:35.90 GERTRUD ZINT 94
4:10.74 C.WILLIAMS 70	4:03.39 DOROTHY DONNELLY 93	18:13.41 KAY SCHIMPF 77	4:35.90 GERTRUD ZINT 76
4:13.01 JEANNE MERRYMAN 71	4:10.37 C.WILLIAMS 70	18:16.59 GERTRUDE ZINT 76	4:46.04 RITA SIMONTON 75
4:13.37 DIANA SILVA 72	4:18.05 SALLY SCHOLER 70	18:59.07 Y FRISCHHERTZ 76	5:02.94 KAY SCHIMPF 76
4:24.43 NANCY PHILLIPS 72	4:21.74 ELLA CARMICHAEL 70	19:54.13 ZADA TAFT 75	5:30.35 EDITH GLUSAC 75
4:31.98 H.HUGGINS 72	4:24.45 DOT DONNELLY 72	22:42.38 MARY LATHRAM 79	5:34.72 SALLY JOY 77
4:39.34 M.HAMNER 70	4:30.46 MARGERY MEYER 71	1500 M. FREE WOMEN 75-79	5:57.41 MARY JANE REEVES 77
50 M. BRST WOMEN 70-74	4:31.74 JAE HOWELL 71	29:45.90 RITA SIMONTON 93	6:19.13 Y FRISCHHERTZ 76
50.08 BETTY CHRISTIAN 92	4:35.71 RUTH MANFREDI 70	30:17.88 RITA SIMONTON 75	6:21.81 HELEN ROUMASSET 79
50.83 BETTY CHRISTIAN 72	4:36.47 DIANA SILVA 72	31:29.10 MARJORIE SHARPE 77	6:57.46 HELENA HOFFMAN 78
52.77 REGAN KENNER 70	4:38.31 H.HUGGINS 72	33:07.07 MARIA LENK 79	7:08.45 FREDDIE SARK 75
55.01 JAE HOWELL 71	4:41.31 JUNE REYNOLDS 72	34:18.98 JEAN DURSTON 79	50 M. FLY WOMEN 75-79
56.91 PATSY WEISS 71	400 M. I.M. WOMEN 70-74	36:08.41 Y FRISCHHERTZ 76	55.38 GERTRUD ZINT 93
1:00.31 MURIEL FLYNN 71	8:39.36 RITA SIMONTON 88	41:53.75 MARIE KREIPE 75	56.41 GERTRUD ZINT 76
1:03.97 JUNE REYNOLDS 72	9:08.73 JAE HOWELL 71	42:50.63 MARY LATHRAM 79	1:02.75 KAY SCHIMPF 76
1:04.33 PAULINE STANGEL 72	9:46.38 GRACE ALTUS 70	50 M. BACK WOMEN 75-79	1:02.92 MARIA LENK 79
1:04.73 AGOTA FROHS 74	9:55.91 DIANA SILVA 72	50.45 ANNE WALKER 91	1:03.62 ZADA TAFT 75
1:05.38 MARY WIXTED 72	9:57.37 JUNE REYNOLDS 72	53.53 ANNE WALKER 78	1:06.99 SALLY JOY 77
1:07.20 BARDI DENDY 73	11:24.27 MARJORIE NEWMAN 70	56.19 GERTRUD ZINT 76	1:07.75 JEAN DURSTON 79
100 M. BRST WOMEN 70-74	14:22.12 ELFIE STEVENIN 72	57.17 Y.FRISCHHERTZ 76	1:19.04 MARIE KREIPE 75
1:52.88 BETTY CHRISTIAN 92	15:46.69 MARION CHADWICK 72	1:00.77 EDITH GLUSAC 75	1:19.43 HELEN ROUMASSET 79
1:54.50 REGAN KENNER 70	*****	1:01.31 AUDREY ETIENNE 77	1:23.73 RUTH WUNDERLICH 75
1:57.96 BETTY CHRISTIAN 72	50 M. FREE WOMEN 75-79	1:01.35 JO LACY 77	1:24.61 MARY WENTWORTH 78
2:08.85 JAE HOWELL 71	42.29 LOUISE DONOVAN 93	1:03.40 IVY BROWNE 79	100 M. FLY WOMEN 75-79
2:11.33 MURIEL FLYNN 71	46.14 AUDREY ETIENNE 77	1:04.55 KAY SCHIMPF 76	2:19.44 KAY SCHIMPF 92
2:18.61 JUNE REYNOLDS 72	49.30 ANNE WALKER 78	1:05.62 MARY LATHRAM 79	2:19.74 KAY SCHIMPF 77
2:19.32 AGOTA FROHS 74	50.63 GERTRUD ZINT 76	1:06.11 NORMA HOFFRICHTER 75	2:26.52 GERTRUD ZINT 76
2:20.00 DOT DONNELLY 72	53.33 KAY SCHIMPF 76	100 M. BACK WOMEN 75-79	2:30.78 JEAN DURSTON 79
2:20.93 JANE DOUGHERTY 73	53.98 Y FRISCHHERTZ 76	1:53.66 ANNE WALKER 93	2:42.27 ZADA TAFT 75
2:21.34 PAULINE STANGEL 72	54.42 FREDDIE SARK 75	1:58.44 ANNE WALKER 78	2:58.37 MARY WENTWORTH 78
2:22.50 M.HAMNER 70	55.42 SALLY JOY 77	2:06.25 Y.FRISCHHERTZ 76	3:00.25 HELEN ROUMASSET 78
200 M. BRST WOMEN 70-74	57.09 VICKEE SULLIVAN 77	2:08.53 GERTRUDE ZINT 76	3:43.95 HELENA HOFFMAN 78
4:06.80 BETTY CHRISTIAN 92	57.10 IVY BROWNE 79	2:16.39 AUDREY ETIENNE 77	3:55.65 BUZ CATLIN 79
4:07.51 REGAN KENNER 70	57.17 JO LACY 77	2:16.50 EDITH GLUSAC 75	200 M. FLY WOMEN 75-79
4:11.93 BETTY CHRISTIAN 72	100 M. FREE WOMEN 75-79	2:16.88 ZADA TAFT 75	4:54.79 MAXINE MERLINO 88
4:32.72 JAE HOWELL 71	1:38.28 LOUISE DONOVAN 93	2:17.45 JO LACY 77	5:21.19 KAY SCHIMPF 77
4:37.62 MURIEL FLYNN 71	1:44.39 RITA SIMONTON 76	2:20.84 KAY SCHIMPF 76	5:24.06 JEAN DURSTON 79
4:52.06 JANE DOUGHERTY 73	1:48.83 AUDREY ETIENNE 77	2:23.56 SALLY JOY 77	6:10.00 HELEN ROUMASSET 79
4:55.18 PAULINE STANGEL 72	1:51.86 ANNE WALKER 78	2:26.16 JEAN DURSTON 79	6:16.70 MARY WENTWORTH 78
5:04.79 JUNE REYNOLDS 72	1:52.73 GERTRUD ZINT 76	200 M. BACK WOMEN 75-79	7:53.01 HELENA HOFFMAN 78
5:11.82 JEAN BEERS 72	1:56.54 KAY SCHIMPF 76	4:07.44 MARIE WICKLUN 89	200 M. I.M. WOMEN 75-79
5:28.25 GERTRUDE BOX 72	1:57.51 Y FRISCHHERTZ 76	4:17.04 ANNE WALKER 78	4:25.80 MAXINE MERLINO 87
6:50.03 MARGARET BROU 71	2:01.80 JEAN DURSTON 79	4:20.61 Y.FRISCHHERTZ 76	4:34.20 GERTRUD ZINT 76
50 M. FLY WOMEN 70-74	2:01.91 MARY JANE REEVES 77	4:34.98 GERTRUD ZINT 76	4:45.59 KAY SCHIMPF 77
48.86 C WILLIAMS 94	2:06.57 IVY BROWNE 79	4:42.37 KAY SCHIMPF 76	4:59.65 JEAN DURSTON 79
48.86 C.WILLIAMS 70	2:10.40 VICKEE SULLIVAN 77	4:59.54 JO LACY 77	5:14.42 Y FRISCHHERTZ 76
52.38 JEANNE MERRYMAN 71	200 M. FREE WOMEN 75-79	5:02.01 SALLY JOY 77	5:24.07 ZADA TAFT 75
55.92 GRACE ALTUS 70	3:37.64 RITA SIMONTON 93	5:05.37 JEAN DURSTON 79	5:34.99 HELEN ROUMASSET 78
1:00.01 DIANA SILVA 72	3:45.12 RITA SIMONTON 76	5:05.46 EDITH GLUSAC 75	5:38.67 MARY WENTWORTH 78
1:00.29 H.HUGGINS 72	3:58.35 MARJORIE SHARPE 77	5:08.08 MARY LATHRAM 79	5:57.07 MARIE KREIPE 75
1:00.65 ELLA CARMICHAEL 70	4:04.41 AUDREY ETIENNE 77	5:12.71 IVY BROWNE 79	6:20.63 BUZ CATLIN 79
1:00.80 JUNE REYNOLDS 72	4:07.40 MARIA LENK 79	50 M. BRST WOMEN 75-79	6:39.64 HELENA HOFFMAN 78
1:01.24 MARY WIXTED 72	4:10.95 GERTRUD ZINT 76	55.58 GERTRUD ZINT 93	400 M. I.M. WOMEN 75-79
1:05.87 IRENE SANDAHL 72	4:14.62 KAY SCHIMPF 76	55.00 GERTRUD ZINT 76NV	9:11.23 MAXINE MERLINO 87
1:05.99 ZADA TAFT 74	4:19.15 JEAN DURSTON 79	1:03.37 SALLY JOY 77	10:04.28 GERTRUDE ZINT 76
100 M. FLY WOMEN 70-74	4:20.94 Y FRISCHHERTZ 76	1:04.05 EDITH GLUSAC 75	10:04.99 KAY SCHIMPF 76
2:06.32 JEANNETTE EPPLEY 92	4:22.74 MARY JANE REEVES 77	1:04.56 MARIA LENK 79	10:26.43 JEAN DURSTON 79
2:15.33 JAE HOWELL 71	4:22.79 IVY BROWNE 79	1:05.85 KAY SCHIMPF 77	11:51.98 ZADA TAFT 75
2:16.58 JUNE REYNOLDS 72	400 M. FREE WOMEN 75-79	1:14.33 MARIE KREIPE 75	12:03.53 HELEN ROUMASSET 79
2:18.26 DIANA SILVA 72	7:38.77 RITA SIMONTON 93	1:15.34 MARY WENTWORTH 78	12:19.02 MARY WENTWORTH 78
2:27.13 GRACE ALTUS 70	7:42.75 RITA SIMONTON 75	1:16.41 FREDDIE SARK 75	13:55.55 HELENA HOFFMAN 78
2:27.81 IRENE SANDAHL 72	8:13.43 MARJORIE SHARPE 77	1:16.59 HELEN ROUMASSET 79	*****
2:31.49 H.HUGGINS 72	8:37.07 AUDREY ETIENNE 77	1:17.52 VICKEE SULLIVAN 77	50 M. FREE WOMEN 80-84
2:32.99 JANE DOUGHERTY 73	8:46.35 MARIA LENK 79	100 M. BRST WOMEN 75-79	48.46 MAXINE MERLINO 92
2:38.88 JEAN ZULICH 73	8:58.18 KAY SCHIMPF 76	2:05.99 GERTRUD ZINT 93	49.13 NANCY CLARK 80
2:39.66 ZADA TAFT 74	9:06.82 ANNE WALKER 78	2:06.01 GERTRUD ZINT 76	50.06 MARY MAYCOCK 81

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Long Course Meters

52.50 JULIA DOLCE 84	5:53.39 WIN KENNEDY 81	7:22.58 SALLY SCOTT 87	25.34 ERIC TARBELL 22
53.59 MAXINE MERLINO 81	6:22.22 HILDA BUEL 80	400 M. FREE WOMEN 85-89	25.35 JAMES SMITH 24
55.10 JEAN CHENAUX 80	6:48.37 EDITH HENDRY 83	10:44.25 JULIA DOLCE 94	25.40 AARON THOMAS 24
59.62 MARIE KELLEHER 81	7:31.24 F DOROTHY RIORDAN 82	10:44.25 JULIA DOLCE 85	25.45 MANUEL PARDO 24
1:03.22 KATHERINE OLANDER 81	50 M. BRST WOMEN 80-84	800 M. FREE WOMEN 85-89	25.46 SHANNON TUCKER 22
1:05.47 WIN KENNEDY 81	1:05.10 MAXINE MERLINO 92	24:23.38 ANNA BAUSCHER 88	25.50 C.MORGAN 22
1:07.18 MADELEINE MILLER 84	1:12.46 MAXINE MERLINO 81	NO SWIMMERS	25.75 LARS GRONHOLM 24
1:08.32 ELLEN TAIT 83	1:19.93 MADELEINE MILLER 83	1500 M. FREE WOMEN 85-89	25.86 BRENDAN BURKE 21
100 M. FREE WOMEN 80-84	1:20.21 HILDA BUEL 80	52:15.77 ANNA BAUSCHER 91	25.96 JIM MURRAY 24
1:52.41 NANCY CLARK 94	1:28.12 WIN KENNEDY 81	NO SWIMMERS	100 M. FREE M E N 19-24
1:52.41 NANCY CLARK 80	1:40.52 KATHERINE OLANDER 81	50 M. BACK WOMEN 85-89	53.90 TONY BATIS 89
1:59.87 MARIE WICKLUN 80	1:40.85 ANNE WILDER 80	58.42 AILEEN SOULE 91	54.98 BRIAN NABETA 24
2:02.17 JULIA DOLCE 84	1:42.29 SALLY RYCKMAN 82	1:09.94 JULIA DOLCE 85	55.31 ERNEST COLTON 24
2:02.32 MARY MAYCOCK 81	1:49.13 F DOROTHY RIORDAN 82	1:26.10 SALLY SCOTT 87	55.68 AARON THOMAS 24
2:07.24 JEAN CHENAUX 80	2:10.51 MARGOT LENIGK 82	1:40.64 M.B. MCKECHNIE 89	56.67 C.MORGAN 22
2:18.79 MARIE KELLEHER 81	100 M. BRST WOMEN 80-84	100 M. BACK WOMEN 85-89	56.83 MANUEL PARDO 24
2:38.64 WIN KENNEDY 81	2:22.79 MAXINE MERLINO 92	2:13.13 AILEEN SOULE 91	57.38 DAVID FULLER 24
2:43.98 ELLEN TAIT 83	3:03.84 HILDA BUEL 80	2:32.80 JULIA DOLCE 85	57.84 JAMES SMITH 24
2:50.24 F DOROTHY RIORDAN 82	3:09.09 MADELEINE MILLER 83	3:05.37 SALLY SCOTT 86	58.52 BRIAN PERRY 23
3:26.46 GERALDINE TURNER 83	3:19.67 JEAN CHENAUX 80	200 M. BACK WOMEN 85-89	58.58 DARREN MOUNTS 22
200 M. FREE WOMEN 80-84	3:59.40 KATHERINE OLANDER 81	4:47.82 AILEEN SOULE 91	58.73 WARREN RUDNICKI 24
4:14.72 JEAN DURSTON 94	3:59.47 F DOROTHY RIORDAN 82	7:13.62 SALLY SCOTT 86	200 M. FREE M E N 19-24
4:14.72 JEAN DURSTON 80	4:25.19 MARGOT LENIGK 82	50 M. BRST WOMEN 85-89	1:56.99 TONY BATIS 89
4:22.18 MARIE WICKLUN 80	200 M. BRST WOMEN 80-84	1:42.40 ELLA PECKHAM 84	2:03.57 BRIAN NABETA 24
4:39.24 JEAN CHENAUX 80	5:07.83 MAXINE MERLINO 92	2:14.11 SALLY SCOTT 87	2:04.11 ERNEST COLTON 24
4:48.88 JULIA DOLCE 84	6:22.23 HILDA MAY BUEL 80	100 M. BRST WOMEN 85-89	2:07.05 LARS GRONHOLM 24
4:52.06 MARIE KELLEHER 81	6:54.84 MADELEINE MILLER 83	3:18.97 KATHERINE PELTON 91	2:08.28 AARON THOMAS 24
5:24.16 MARION MUELLER 82	7:06.48 WIN KENNEDY 81	4:54.26 SALLY SCOTT 87	2:08.37 BRENT BLACKMAN 24
5:39.33 AGNES ROMAYKO 80	50 M. FLY WOMEN 80-84	200 M. BRST WOMEN 85-89	2:12.52 MANUEL PARDO 24
5:43.18 ELLEN TAIT 83	1:07.88 MAXINE MERLINO 94	6:58.50 KATHERINE PELTON 91	2:12.59 BRENDAN BURKE 21
5:52.45 WIN KENNEDY 81	1:07.88 MAXINE MERLINO 81	10:38.68 SALLY SCOTT 87	2:13.47 KEVIN NOAH 22
9:04.15 ELIZABETH JOHN 84	1:23.80 MARIE KELLEHER 81	50 M. FLY WOMEN 85-89	2:14.39 JAMES SMITH 24
400 M. FREE WOMEN 80-84	1:24.53 ANNE WILDER 80	1:27.77 ELLA PECKHAM 85	2:14.55 EDWARD AMES 24
8:48.37 JEAN DURSTON 94	1:25.31 WIN KENNEDY 81	NO SWIMMERS	400 M. FREE M E N 19-24
8:48.37 JEAN DURSTON 80	1:45.98 PEARL SOBEL 82	100 M. FLY WOMEN 85-89	4:10.98 TONY BATIS 89
10:17.08 JULIA DOLCE 84	1:49.71 MADELEINE MILLER 83	3:01.14 KATHERINE PELTON 91	4:36.52 BRENT BLACKMAN 24
10:48.19 MARY MAYCOCK 81	1:58.34 F DOROTHY RIORDAN 82	NO SWIMMERS	4:39.25 LARS GRONHOLM 24
11:53.99 ELLEN TAIT 83	100 M. FLY WOMEN 80-84	200 M. FLY WOMEN 85-89	4:41.97 BRENDAN BURKE 21
12:35.35 WIN KENNEDY 81	2:27.91 JEAN DURSTON 94	7:18.41 KATHERINE PELTON 90	4:49.21 JEFF JOTZ 24
13:42.83 EDITH HENDRY 83	2:27.91 JEAN DURSTON 80	13:47.11 SALLY SCOTT 87	4:50.63 KEVIN NOAH 22
18:55.21 ELIZABETH JOHN 84	2:36.89 MAXINE MERLINO 81	200 M. I.M. WOMEN 85-89	4:53.62 LARS HONDORF 24
800 M. FREE WOMEN 80-84	3:06.98 ANNE WILDER 80	6:44.53 KATHERINE PELTON 91	5:00.09 EDWARD AMES 24
18:43.13 MAXINE MERLINO 92	3:11.53 MARIE KELLEHER 81	9:21.89 SALLY SCOTT 87	5:02.73 JEFF SCHUBERT 22
18:53.04 JEAN DURSTON 80	3:16.34 HILDA BUEL 80	400 M. I.M. WOMEN 85-89	5:03.03 MICHAEL LEMONS 22
22:21.81 JULIA DOLCE 84	200 M. FLY WOMEN 80-84	14:02.65 KATHERINE PELTON 90	5:22.63 JOHN ARGRAVES 20
23:50.16 AGNES ROMAYKO 80	5:24.52 JEAN DURSTON 94	23:54.31 SALLY SCOTT 86	800 M. FREE M E N 19-24
1500 M. FREE WOMEN 80-84	5:24.52 JEAN DURSTON 80	*****	9:02.10 SIMON FINLAYSON 92
33:43.00 JEAN DURSTON 94	5:41.34 MAXINE MERLINO 81	50 M. FREE WOMEN 90-94	10:02.55 JEFF JOTZ 24
33:43.00 JEAN DURSTON 80	6:56.97 ANNE WILDER 80	2:02.38 PEARL MILLER 88	10:42.83 MICHAEL LEMONS 22
75:03.97 GERALDINE TURNER 83	7:41.83 HILDA MAY BUEL 80	NO SWIMMERS	10:43.07 JEFF SCHUBERT 22
50 M. BACK WOMEN 80-84	200 M. I.M. WOMEN 80-84	100 M. FREE WOMEN 90-94	10:57.77 CHRIS WHELAN 23
55.07 AILEEN SOULE 89	4:47.02 MAXINE MERLINO 92	4:08.22 PEARL MILLER 88	11:03.97 KEVIN WILLIAMS 24
59.29 MARIE WICKLUN 80	4:57.25 JEAN DURSTON 80	5:11.48 ANNA BAUSCHER 91	11:24.21 JOHN ARGRAVES 20
1:05.94 MAXINE MERLINO 81	4:57.64 MAXINE MERLINO 81	200 M. FREE WOMEN 90-94	11:29.18 JOSE MAHER 23
1:06.95 NANCY CLARK 80	6:14.81 MARIE KELLEHER 81	7:28.92 ANNA BAUSCHER 94	11:32.08 PAUL BERRERA 23
1:16.30 WIN KENNEDY 81	6:19.65 WIN KENNEDY 81	7:28.92 ANNA BAUSCHER 91	12:03.94 DEREK BOLZ 23
1:16.94 MADELEINE MILLER 84	6:27.22 HILDA BUEL 80	800 M. FREE WOMEN 90-94	13:02.93 GEOFF AMBORN 20
1:17.76 EDITH HENDRY 83	11:18.59 GERALDINE TURNER 83	30:55.09 ANNA BAUSCHER 94	1500 M. FREE M E N 19-24
1:18.86 HILDA BUEL 80	400 M. I.M. WOMEN 80-84	50 M. BACK WOMEN 90-94	17:12.51 JAMES ALLEN 91
1:26.61 KATHERINE OLANDER 81	10:05.13 MAXINE MERLINO 92	1:42.49 ANNA BAUSCHER 94	20:12.60 JEFF SCHUBERT 22
1:37.67 F DOROTHY RIORDAN 82	10:20.22 JEAN DURSTON 80	1:42.49 ANNA BAUSCHER 91	20:13.36 BARRY HULCE 24
1:48.85 MARGOT LENIGK 82	13:21.90 HILDA BUEL 80	200 M. BACK WOMEN 90-94	20:32.51 MICHAEL LEMONS 22
100 M. BACK WOMEN 80-84	14:04.95 ANNE WILDER 80	10:47.76 PEARL MILLER 89	20:34.46 EDWARD AMES 24
2:05.73 MARIE WICKLUND 94	23:53.13 GERALDINE TURNER 83	NO SWIMMERS	22:04.89 MICHAEL GREEN 24
2:05.73 MARIE WICKLUN 80	*****	50 M. FLY WOMEN 90-94	22:05.97 JOHN ARGRAVES 20
2:32.09 NANCY CLARK 80	50 M. FREE WOMEN 85-89	4:57.25 ANNA BAUSCHER 94	22:21.08 M.D. SKOWRONSKI 21
2:44.39 MADELEINE MILLER 83	50.93 JULIA DOLCE 94	4:57.25 ANNA BAUSCHER 91	23:49.77 GEOFF AMBORN 20
2:50.91 WIN KENNEDY 81	50.93 JULIA DOLCE 85	200 M. I.M. WOMEN 90-94	24:15.11 C.P. ROBBINS 20
2:57.40 HILDA MAY BUEL 80	1:28.77 SALLY SCOTT 87	12:10.93 ANNA BAUSCHER 94	26:19.69 PHAT TIEU 21
3:10.58 EDITH HENDRY 83	100 M. FREE WOMEN 85-89	12:10.93 ANNA BAUSCHER 91	50 M. BACK M E N 19-24
3:24.43 SALLY RYCKMAN 82	2:03.90 JULIA DOLCE 94	*****	28.06 CHRIS STEVENSON 87
3:27.19 F DOROTHY RIORDAN 82	2:03.90 JULIA DOLCE 85	*****	28.76 BRIAN NABETA 24
200 M. BACK WOMEN 80-84	3:35.31 SALLY SCOTT 87	50 M. FREE M E N 19-24	29.73 ERNEST COLTON 24
4:35.68 MARIE WICKLUND 94	200 M. FREE WOMEN 85-89	24.11 TROY DALBEY 93	30.21 JAMES SMITH 24
4:35.68 MARIE WICKLUN 80	4:45.10 JULIA DOLCE 94	25.26 ERNEST COLTON 24	31.54 MANUEL PARDO 24
5:40.59 MADELEINE MILLER 83	4:45.10 JULIA DOLCE 85		31.84 MARK ARNHOLT 24

TOP TEN

Long Course Meters

31.84 A.T. COSTANTINI 23	1:01.47 PAT MCLAUGLIN 24	4:16.09 JOHN PEARSON 28	32.97 GREG STELLE 27
31.95 WARREN RUDNICKI 24	1:04.28 TODD DOHERTY 23	4:22.53 TODD MERCER 27	33.12 MARCUS LEMASTER 25
31.98 TODD DOHERTY 23	1:06.48 KAZUHIRO YAMASHITA 22	4:25.63 CLARK CAMPBELL 28	33.85 F.CHARMFOROOSH 28
32.44 MICHAEL LEMONS 22	1:07.50 ERNIE HOFTYZER 24	4:26.33 MICHAEL COLLINS 28	34.08 MARTIN LIVESEY 28
32.52 C.MORGAN 23	1:07.69 KENNETH HONG 24	4:28.57 PEER OLE JACOBSEN 25	100 M. BRST M E N 25-29
100 M. BACK M E N 19-24	1:08.02 PAUL BERRERA 23	4:29.82 RANDALL EICKHOFF 28	1:04.60 DAVID LUNDBERG 89
1:01.85 CHRIS STEVENSON 87	1:08.47 JEFF SCHUBERT 22	4:30.39 PAUL ROBINSON 26	1:08.24 ROBERT JENNINGS 28
1:03.24 JAMES SMITH 24	1:11.90 ANDY FARRELL 23	4:35.46 EMAD ELSHAFAEI 28	1:09.08 CHRIS DUPLANTY 28
1:05.80 BRIAN NABETA 24	200 M. FLY M E N 19-24	800 M. FREE M E N 25-29	1:12.19 BRIAN SCOTTOLINE 29
1:09.69 MICHAEL LEMONS 22	2:09.49 KEITH DUNCAN 88	8:35.91 CHIP HOBSON 94	1:12.63 ROBERT FRITSCHER 26
1:10.22 MARK ARNHOLT 23	2:23.78 A.T. COSTANTINI 23	8:35.91 CHIP HOBSON 94	1:13.24 GREG STELLE 27
1:10.76 WARREN RUDNICKI 24	2:27.51 BRENT BLACKMAN 24	8:54.55 JOHN PEARSON 28	1:13.68 F.CHARMFOROOSH 28
1:11.91 MANUEL PARDO 24	2:49.85 PAUL BERRERA 23	9:25.02 CLARK CAMPBELL 28	1:15.59 ANDY DEICHERT 26
1:15.06 KEVIN NOAH 22	200 M. I.M. M E N 19-24	9:30.89 PEER OLE JACOBSEN 25	1:16.04 TIMOTHY WAUD 27
1:16.13 WILLIAM WEBER 22	2:14.08 GREG MACKEM 92	9:35.71 STEVE REED 25	1:16.69 MARTIN LIVESEY 28
1:16.41 JOHN FARKAS 22	2:16.97 BRIAN NABETA 24	9:56.17 ERICH RASIMUS 29	1:17.63 MICHAEL COLLINS 28
1:16.64 KEITH VITKO 20	2:25.08 TODD DOHERTY 23	10:04.49 SCOTT FERREL 29	200 M. BRST M E N 25-29
200 M. BACK M E N 19-24	2:25.34 PAT MCLAUGLIN 24	10:04.73 KEN KOPPENHAVER 25	2:30.35 ROBERT JENNINGS 94
2:15.36 CHRIS STEVENSON 87	2:25.94 LARS GRONHOLM 24	10:18.02 JOE LINEBARIER 26	2:30.35 ROBERT JENNINGS 28
2:23.78 JAMES SMITH 24	2:27.51 BRENT BLACKMAN 24	10:18.50 BARRY KING 28	2:37.22 JOHN PEARSON 28
2:24.92 A.T. COSTANTINI 23	2:30.46 A.T. COSTANTINI 23	1500 M. FREE M E N 25-29	2:41.60 ROBERT FRITSCHER 26
2:40.66 MICHAEL LEMONS 22	2:35.62 JEFF JOTZ 24	16:28.69 CAMERON REID 87	2:42.74 F.CHARMFOROOSH 28
2:45.75 WILLIAM WEBER 22	2:36.59 KIET TRAN 22	17:33.93 JOHN PEARSON 28	2:48.09 EMAD ELSHAFAEI 28
3:09.28 GEOFF AMBORN 20	2:38.00 MARK ARNHOLT 23	18:04.90 MICHAEL COLLINS 28	2:48.35 GREG STELLE 27
50 M. BRST M E N 19-24	2:39.27 JEFF SCHUBERT 22	18:27.50 PAUL ROBINSON 26	2:50.70 MARTIN LIVESEY 28
30.10 JOSH AMATO 87	400 M. I.M. M E N 19-24	18:51.30 EMAD ELSHAFAEI 28	2:51.10 MICHAEL COLLINS 28
31.36 BRIAN NABETA 24	4:48.56 GREG MACKEM 92	19:03.09 GREG STELLE 27	2:56.52 ANDREW GEISZLER 25
33.99 C.MORGAN 23	5:02.50 BRIAN NABETA 24	20:00.85 ALAN GREENWOOD 27	2:58.47 TERENCE YOUNG 28
34.03 TODD DOHERTY 23	5:13.93 A.T. COSTANTINI 23	20:04.41 JOE LINEBARIER 26	50 M. FLY M E N 25-29
34.68 GEOFF AMBORN 20	5:14.57 BRENT BLACKMAN 24	20:16.33 W.T. MATTHEWS 27	25.16 DEFORREST/BOTTOM 84
34.81 LARS GRONHOLM 24	5:32.87 C.MORGAN 23	20:20.70 MATT JONSEN 29	26.94 JEFFREY RODDIN 25
35.02 ANTON LENEIS 24	5:47.81 KEVIN NOAH 22	20:34.05 JOHN LAPP 25	27.11 BRIAN SCOTTOLINE 29
35.21 JEFF JOTZ 24	5:51.36 MICHAEL LEMONS 22	50 M. BACK M E N 25-29	27.17 WINSTON RITCHEY 26
35.42 SHANNON TUCKER 22	5:53.17 EDWARD AMES 24	27.42 ROBERT HAUCK 93	27.32 ROBERT JENNINGS 28
35.55 WILLIAM WEBER 22	5:54.18 JEFF SCHUBERT 22	29.80 TONY SIEBEL 26	27.42 ROY BERG 25
35.58 MICHAEL O'TOOLE 19	*****	30.35 ANDREW DEICHERT 28	27.53 STUART BARTON 26
100 M. BRST M E N 19-24	50 M. FREE M E N 25-29	30.49 WINSTON RITCHEY 26	27.59 CHRIS BOND 27
1:06.61 JAMES SUROWIEC 88	22.59 KEVIN DEFORREST 83	30.57 EMAD ELSHAFAEI 28	27.59 DAVID TYLER 25
1:12.23 BRIAN NABETA 24	24.28 WINSTON RITCHEY 26	30.64 STEPHEN SMITH 27	27.60 JEFFREY RODGERS 27
1:13.41 MICHAEL THOMSON 24	25.00 CHIP HOBSON 27	30.78 KURT MURDOCH 28	27.68 JAMES MASSIALAS 28
1:14.34 DAVID FULLER 24	25.46 BERT BERGEN 27	30.99 JEFFREY RODGERS 27	100 M. FLY M E N 25-29
1:14.64 GEORGE SALEEBY 23	25.47 DAVID TYLER 25	31.17 KIRK CLEAR 26	56.34 MICHAEL BOTTOM 84
1:14.95 TODD DOHERTY 23	25.69 ROY BERG 25	31.36 PAUL ROBINSON 26	58.14 JEFFREY RODDIN 25
1:16.94 C.MORGAN 22	25.71 ROBERT YOUNG 29	31.56 TODD MERCER 27	1:00.96 DAVID TYLER 25
1:17.55 LARS GRONHOLM 24	25.83 P.R. FISCHER 29	100 M. BACK M E N 25-29	1:01.52 ERIC RYBA 29
1:18.72 ANTON LENEIS 24	25.95 DOUG PETRIE 25	58.24 JOHN KEPPELER 92	1:02.03 JEFFREY RODGERS 27
1:19.55 GEOFF AMBORN 20	26.07 JAMES MASSIALAS 28	1:01.36 JEFFREY RODDIN 25	1:02.15 ROY BERG 25
1:19.92 DARREN MOUNTS 22	26.07 MARCUS LEMASTER 25	1:03.11 EMAD ELSHAFAEI 28	1:02.18 JAMES DAILEY 28
200 M. BRST M E N 19-24	100 M. FREE M E N 25-29	1:05.31 TONY SIEBEL 26	1:02.29 JIM REYNOLDS 29
2:30.64 JOHN HARLOW 92	51.25 JIM MONTGOMERY 81	1:06.70 TODD MERCER 27	1:02.41 STUART BARTON 26
2:45.96 GEORGE SALEEBY 23	53.61 JEFF UTSCH 26	1:07.76 PAUL ROBINSON 26	1:02.66 TODD MERCER 27
2:49.08 TODD DOHERTY 23	54.09 DAVID TYLER 25	1:08.30 KURT MURDOCH 28	1:03.27 CHRIS BOND 27
2:54.87 ANTON LENEIS 24	54.16 CHIP HOBSON 27	1:08.58 ROBERT FRITSCHER 26	200 M. FLY M E N 25-29
2:55.76 WILLIAM WEBER 22	54.16 WINSTON RITCHEY 26	1:09.35 MARK HICKMAN 28	2:06.88 JIM BELARDI 82
3:05.21 LARS HONDORF 24	55.11 MICHAEL SHAFFER 29	1:09.48 JOHN LAPP 25	2:08.34 MICHAEL SHAFFER 29
3:05.93 KEN MYERS 24	55.16 TODD MERCER 27	1:09.91 DAVID NICHOLS 28	2:10.57 RICHARD PEASE 29
3:09.14 GEOFF AMBORN 20	55.58 PAUL ROBINSON 26	200 M. BACK M E N 25-29	2:16.36 DAVID TYLER 25
3:12.02 CHRIS WHELAN 23	56.97 CLARK CAMPBELL 28	2:07.57 JOHN KEPPELER 92	2:19.62 EMAD ELSHAFAEI 28
3:13.80 JOSE MAHER 23	57.22 JAMES DAILEY 28	2:18.70 EMAD ELSHAFAEI 28	2:21.19 RANDALL EICKHOFF 28
3:26.08 C.CARNES 23	57.37 ROY BERG 25	2:19.28 TODD MERCER 27	2:21.19 JAMES DAILEY 28
50 M. FLY M E N 19-24	200 M. FREE M E N 25-29	2:20.71 STEPHEN PETRIE 25	2:24.08 JEFFREY RODDIN 25
26.44 RUSSELL KNEIPP 93	1:52.17 JOHN KEPPELER 92	2:23.29 PAUL ROBINSON 26	2:26.39 ERIC RYBA 29
27.01 C.MORGAN 22	1:56.71 CHIP HOBSON 27	2:26.41 JEFFREY RODDIN 25	2:27.90 MICHAEL COLLINS 28
27.45 ERNEST COLTON 24	1:56.75 DAVID TYPER 25	2:29.10 STEPHEN SMITH 27	2:29.40 STUART BARTON 26
28.01 MANUEL PARDO 24	1:59.12 JEFF UTSCH 26	2:29.21 STEVE REED 25	200 M. I.M. M E N 25-29
28.66 KAZUHIRO YAMASHITA 22	1:59.98 WINSTON RITCHEY 26	2:29.69 TONY SIEBEL 26	2:09.21 CAMERON REID 87
28.79 JEFF SCHUBERT 22	2:01.40 TODD MERCER 27	2:32.91 MICHAEL COLLINS 28	2:15.84 JEFFREY RODDIN 25
28.86 BRENDAN BURKE 21	2:01.97 JOHN PEARSON 28	2:33.52 DAVID NICHOLS 28	2:17.44 ROBERT JENNINGS 28
29.11 ERNIE HOFTYZER 24	2:04.08 PAUL ROBINSON 26	50 M. BRST M E N 25-29	2:18.59 JOHN PEARSON 28
29.30 SCOTT ADAMS 23	2:04.25 CLARK CAMPBELL 28	29.77 DEWEY WYATT 92	2:19.17 EMAD ELSHAFAEI 28
29.46 WARREN RUDNICKI 24	2:05.68 JEFFREY RODGERS 27	30.52 CHRIS DUPLANTY 28	2:20.58 TODD MERCER 27
29.51 EDWARD AMES 24	2:06.56 CHRIS BOND 27	30.87 ROBERT FRITSCHER 26	2:21.25 STEPHEN PETRIE 25
100 M. FLY M E N 19-24	400 M. FREE M E N 25-29	31.44 ROBERT JENNINGS 28	2:25.87 TIMOTHY WAUD 27
58.16 TONY BATIS 89	4:05.99 CHIP HOBSON 94	31.50 BRIAN SCOTTOLINE 29	2:26.01 PATRICK HELMUTH 25
1:00.73 ERNEST COLTON 24	4:05.99 CHIP HOBSON 27	32.32 ANDY DEICHERT 26	2:26.39 C.COLLIER 26
1:00.99 C.MORGAN 22	4:15.11 JEFF UTSCH 26	32.79 WINSTON RITCHEY 26	2:26.95 JAMES DAILEY 28

TOP TEN

Long Course Meters

400 M. I.M. M E N 25-29	17:53.66 ROBER HUDEK	32	2:42.84 ROB CHENAULT	31	26.01 MATTHEW PAINTER	35
4:34.08 CAMERON REID	18:39.41 GREG HOLLES	31	2:43.89 JAMES MATYSEK	34	26.04 JOE SHAKE	35
4:51.37 JOHN PEARSON	19:02.94 PETER GARRETT	33	2:44.49 MARK NELSON	33	100 M. FREE M E N 35-39	
4:57.03 JEFFREY RODDIN	19:19.55 KARL KOLB	33	2:45.62 DONALD SKEOCH	31	54.01 BRUCE STAHL	93
4:58.29 EMAD ELSHAFAEI	19:25.26 BOB DUGAN	32	2:48.70 DANIEL TOM	30	54.15 STU MARVIN	38
5:14.50 PEER OLE JACOBSEN	19:41.78 RON COLLINS	32	50 M. FLY M E N 30-34		54.51 JAMES MONTGOMERY	39
5:18.48 MICHAEL COLLINS	25.31 MIKE BOTTOM	88	25.99 MARK NOETZEL	31	55.49 L.MEISENHEIMER	36
5:18.84 PAUL ROBINSON	27.16 BRYAN BALDWIN	30	27.29 D. JAY MORISSETTE	31	55.79 ROBERT PLACAK	35
5:21.09 STEVE REED	27.49 M GRANTHAM	34	27.57 PAUL FRENTSOS	33	56.91 ROBERT CROWDER	38
5:25.01 TIMOTHY WAUD	27.81 JOSEPH THIER	30	28.00 MICHAEL MAKARCZYK	34	57.75 GREGORY OXLEY	35
5:25.17 STUART BARTON	28.02 BRENDAN MC NULTY	34	28.05 BRIAN VAILE	32	58.26 MARK HAHN	37
5:40.95 JOE LINEBARIER	28.26 JIM FERSTEL	34	28.26 JIM FERSTEL	34	58.29 JOE SHAKE	35
*****			100 M. FLY M E N 30-34		58.38 WILLIAM TYLER	35
50 M. FREE M E N 30-34			56.64 MIKE BOTTOM	88	58.44 PHILIPPE CALAIS	35
23.21 ROWDY GAINES	58.89 JEFF STILING	34	1:00.55 PAUL FRENTSOS	33	200 M. FREE M E N 35-39	
23.97 PATRICK KEATING	1:00.97 IGOR VAZHENIN	30	1:01.01 BRYAN BALDWIN	30	1:57.95 DAN STEPHENSON	92
24.26 ROWDY GAINES	1:01.01 BRYAN BALDWIN	30	1:02.12 JOSEPH THIER	30	2:01.24 JAMES MONTGOMERY	39
24.75 D. JAY MORISSETTE	1:02.33 M GRANTHAM	34	1:02.51 RON COLLINS	32	2:02.28 DAVID SHEPHERD	38
24.85 MARK NOETZEL	1:02.51 RON COLLINS	32	1:03.54 BRENDAN MC NULTY	34	2:02.41 STU MARVIN	38
25.01 BRYAN BALDWIN	1:03.71 MIKE KECK	34	1:03.94 SCOTT HALLIBURTON	32	2:02.88 L.MEISENHEIMER	36
25.13 JIM FERSTEL	200 M. FLY M E N 30-34		2:07.43 BOBBY PATTEN	93	2:03.57 ROBERT PLACAK	35
25.49 JAMES LILLEY	2:07.43 BOBBY PATTEN	93	2:09.37 SEAN MURPHY	30	2:07.75 ROBERT CROWDER	38
25.61 ALAN JOEL	2:09.37 SEAN MURPHY	30	2:14.88 IGOR VAZHENIN	30	2:08.17 MARK HAHN	37
25.69 ROY DEARY	2:20.65 PAUL FRENTSOS	33	2:20.92 JEFF STILING	33	2:08.99 JIM CALLAHAN	36
25.76 BRIAN VAILE	2:23.99 DONALD SKEOCH	31	2:24.23 SCOTT HALLIBURTON	32	2:09.57 PHILIPPE CALAIS	35
100 M. FREE M E N 30-34	2:24.46 RON COLLINS	32	2:24.46 RON COLLINS	32	2:09.90 JORDAN HATCH	37
51.50 ROWDY GAINES	2:26.42 DAVID KASTIGAR	30	2:26.42 DAVID KASTIGAR	30	400 M. FREE M E N 35-39	
53.39 FRANZ MORTENSEN	2:26.54 BRIAN VAILE	32	2:26.54 BRIAN VAILE	32	4:15.49 DAN STEPHENSON	92
54.33 ROWDY GAINES	2:26.75 MARK STOHRER	32	2:26.75 MARK STOHRER	32	4:20.22 DAVID SHEPHERD	38
54.54 PATRICK KEATING	400 M. I.M. M E N 30-34		4:40.22 SEAN MURPHY	94	4:23.24 JAMES MONTGOMERY	39
54.61 D. JAY MORISSETTE	4:40.22 SEAN MURPHY	94	4:57.57 MIKE KECK	34	4:26.17 PAUL ASMUTH	36
55.03 BRYAN BALDWIN	4:57.57 MIKE KECK	34	4:59.95 PATRICK DUGGAN	30	4:32.24 L.MEISENHEIMER	36
55.05 ROY DEARY	4:59.95 PATRICK DUGGAN	30	4:59.97 PAUL FRENTSOS	33	4:37.25 PAUL WISE	38
55.50 IGOR VAZHENIN	5:05.58 ROBERT HUDEK	32	5:07.65 GARY ANTONICK	31	4:38.14 FRED MAYER	38
55.86 STUART CROMARTY	5:07.65 GARY ANTONICK	31	5:12.84 DONALD SKEOCH	31	4:38.19 KERRY O'BRIEN	37
55.90 JIM FERSTEL	5:12.84 DONALD SKEOCH	31	5:15.65 MARK STOHRER	32	4:39.19 HOWARD COYE	39
56.12 JAMES LILLEY	5:16.77 BRIAN VAILE	32	5:16.77 BRIAN VAILE	32	4:39.29 MARK HAHN	37
200 M. FREE M E N 30-34	*****		*****		4:39.39 JORDAN HATCH	37
1:54.04 ROWDY GAINES	50 M. FREE M E N 35-39				800 M. FREE M E N 35-39	
1:55.53 ROWDY GAINES	24.27 BRUCE STAHL	93			8:52.22 DAN STEPHENSON	92
1:58.36 FRANZ MORTENSEN	24.87 STU MARVIN	38			8:59.45 PAUL ASMUTH	36
2:00.39 JEFF STILING	25.16 JAMES MONTGOMERY	39			9:01.75 DAVID SHEPHERD	38
2:01.72 MICHAEL MOORE	25.34 ROBERT PLACAK	35			9:27.15 ROBERT COPELAND	37
2:01.85 IGOR VAZHENIN	25.79 TIMM ANDERSON	36			9:34.90 WILLIAM SPECHT	36
2:03.03 ROBERT HUDEK	25.87 ROBERT CROWDER	38			9:47.92 DAN GOERKE	35
2:04.43 MIKE KECK	25.90 L.MEISENHEIMER	36			9:49.76 HOWARD COYE	39
2:04.43 ROY DEARY	25.97 BILL JOHNSON	36			9:50.28 KERRY O'BRIEN	37
2:05.83 SCOTT YEOMANS	26.01 ED TSUZUKI	35			9:55.17 STEVE BREITER	38
2:06.03 JOSEPH THIER					9:58.01 THOMAS MACK	35
400 M. FREE M E N 30-34					10:06.02 FRED MEYER	38
4:07.04 ROWDY GAINES					1500 M. FREE M E N 35-39	
4:07.04 ROWDY GAINES					17:11.82 PAUL ASMUTH	94
4:16.22 JEFF STILING					17:11.82 PAUL ASMUTH	36
4:18.17 ROBERT HUDEK					17:25.17 ROBERT PLACAK	35
4:19.90 GERRY RODRIGUES					18:14.04 MARK HAHN	37
4:22.05 MIKE KECK					18:28.50 PAUL WISE	38
4:22.55 MICHAEL MOORE					18:30.20 GEORGE PERREAULT	35
4:23.27 IGOR VAZHENIN					18:30.86 FRED MAYER	38
4:26.36 KIRK ANDERSON					18:32.95 L.J. MEISENHEIMER	36
4:40.86 MARK NOETZEL					18:34.99 JIM STEWART	37
4:41.84 ROCH KING					18:35.34 DAVID SHEPHERD	38
800 M. FREE M E N 30-34					18:43.17 NEIL WASSERMAN	39
8:40.19 ROWDY GAINES					50 M. BACK M E N 35-39	
8:40.19 ROWDY GAINES					28.04 THOMPSON MANN	78
8:57.65 ROBERT HUDEK					28.94 WILLIAM SPECHT	36
9:07.42 GERRY RODRIGUES					29.35 STU MARVIN	38
9:08.53 MICHAEL MOORE					29.77 MARK LIST	38
9:09.66 MIKE KECK					30.35 ROBERT PLACAK	35
9:51.26 DONALD SKEOCH					30.63 MEL NASH	39
9:52.08 ROCH KING					30.76 CURT LA COUNT	35
10:00.04 JAMES MATYSEK					30.76 SCOTT SHAKE	36
10:02.17 MARK STOHRER					30.84 ROBERT CROWDER	38
10:06.70 DENNIS SCANNELL					31.58 ROBERT KROTEE	39
1500 M. FREE M E N 30-34					31.91 JONATHAN RIGGS	36
16:36.06 BOBBY PATTEN					100 M. BACK M E N 35-39	
17:26.12 ROWDY GAINES					1:00.95 WILLIAM SPECHT	93

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Long Course Meters

1:01.12 WILLIAM SPECHT 36	1:02.92 DENNIS MATTAI 36	2:09.17 CRAIG BURNS 41	30.82 PEDER DAHLBERG 92
1:05.35 ROBERT CROWDER 38	1:03.57 STUART CORLISS 38	2:10.40 PAUL WINDRATH 40	31.66 C.MILTENBERGER 42
1:06.44 STU MARVIN 38	1:03.90 PAUL WISE 38	2:10.67 CRAIG SAINT-AMOUR 41	32.98 BARRY HAMILTON 41
1:06.57 CURT LA COUNT 35	1:04.32 JIM GRUBBS 39	400 M. FREE M E N 40-44	33.69 DAVID WESLEY 41
1:08.71 WAYDE MULHERN 35	1:05.21 TOM HIEBER 37	4:24.26 TIM BRODERICK 93	33.94 RICK COLELLA 42
1:09.18 RICHARD BROWN 38	1:06.08 SAM BLYTHE 35	4:24.95 TIM BRODERICK 43	34.18 ARTHUR HALTTUNEN 44
1:09.21 GARY QUINN 36	200 M. FLY M E N 35-39	4:26.48 STEVEN STRONG 40	34.22 ROBERT PUELS 42
1:09.34 MEL NASH 39	2:08.51 WILLIAM SPECHT 94	4:30.02 LARRY WOOD 40	34.60 JOHN ROEMIG 44
1:10.15 BRUCE HATTON 37	2:08.51 WILLIAM SPECHT 36	4:31.65 CLAY EVANS 40	34.62 DAVE BARON 42
1:10.51 JOHN TUBRIDY 37	2:18.44 KERRY O'BRIEN 37	4:32.44 MIKE SHERRILL 44	34.62 JOHN BENEDICK 43
200 M. BACK M E N 35-39	2:18.67 DAVID SHEPHERD 38	4:36.59 EDWARD BROWN 41	34.75 MIKE WHITAKER 42
2:13.83 TOM WOLF 90	2:20.90 STUART CORLISS 38	4:37.15 ALAN CARDWELL 41	34.75 DAVID SAMUELSON 41
2:15.03 WILLIAM SPECHT 36	2:22.97 MATTHEW KANZLER 37	4:37.24 RICK COLELLA 42	100 M. BRST M E N 40-44
2:20.48 MARK LIST 38	2:23.69 PAUL WISE 38	4:38.13 JOHN MCCONNOCHIE 40	1:09.95 PEDER DAHLBERG 92
2:21.84 PAUL ASMUTH 36	2:25.34 NEIL WASSERMAN 39	4:39.41 FRED FERROGGIARO 40	1:10.93 C.MILTENBERGER 42
2:28.15 WAYDE MULHERN 35	2:25.94 RICK HELTZEL 36	800 M. FREE M E N 40-44	1:13.00 RICK COLELLA 42
2:29.64 SCOTT SHAKE 36	2:27.13 WILLIAM TYLER 35	9:19.34 TIM BRODERICK 94	1:14.40 BARRY HAMILTON 41
2:31.32 BRUCE HATTON 37	2:28.77 DENNIS MATTAI 36	9:19.34 TIM BRODERICK 43	1:14.85 RICHARD ENRIGHT 41
2:33.68 JOHN TUBRIDY 37	200 M. I.M. M E N 35-39	9:31.95 JOHN MCCONNOCHIE 40	1:14.91 DAVID WESLEY 41
2:34.24 STEVEN KRISTEK 35	2:16.49 MARK SCHUMAN 92	9:32.89 LARRY WOOD 40	1:14.96 MIKE WHITAKER 43
2:34.95 TOM DUGAN 36	2:21.67 STUART CORLISS 38	9:35.28 EDWARD BROWN 41	1:16.01 GREG HARRISON 42
2:36.82 PAUL WISE 38	2:23.12 RICHARD FORRESTEL 37	9:38.42 ALAN CARDWELL 41	1:16.71 TIM BRODERICK 43
50 M. BRST M E N 35-39	2:23.98 MATTHEW KANZLER 37	9:39.18 FRED FERROGGIARO 40	1:16.92 ROBERT PUELS 43
30.79 DOUG MALCOLM 92	2:26.40 GARY QUINN 36	9:46.81 ROBERT STRAUSS 42	1:18.03 DAVE BARON 42
31.97 RON SCHAFER 36	2:26.67 TOM DUGAN 35	9:51.51 HUNTER YOST 43	1:18.03 DAVID HAYNES 41
32.01 BENN DOYLE 35	2:28.61 BENN DOYLE 35	9:57.40 PAUL WINDRATH 40	200 M. BRST M E N 40-44
32.02 GREGORY OXLEY 35	2:28.69 PATRICK ALLENDER 35	9:57.98 FRANK THOMPSON 42	2:32.17 RICK COLELLA 92
32.47 MICHAEL SLOWEY 36	2:28.86 DENNIS MATTAI 36	1500 M. FREE M E N 40-44	2:39.07 GREG HARRISON 42
32.72 PHILIPPE CALAIS 35	2:28.96 JIM CALLAHAN 36	17:30.13 KEVIN POLANSKY 90	2:40.71 RICK COLELLA 42
33.11 TIMM ANDERSON 36	2:31.78 BRUCE HATTON 37	18:05.23 M.CAFFERY 41	2:41.02 C.MILTENBERGER 42
33.47 MATTHEW KANZLER 37	400 M. I.M. M E N 35-39	18:46.90 PAUL WINDRATH 40	2:42.36 RICHARD ENRIGHT 41
33.71 MATTHEW PAINTER 35	4:55.13 JAMES BELARDI 92	19:05.65 ROBERT STRAUSS 42	2:48.46 MIKE WHITAKER 43
33.71 KARL KAZMAIER 39	4:58.56 DAVID SHEPHERD 38	19:09.66 FRANK THOMPSON 42	2:49.01 DAVID WESLEY 41
33.88 CHRIS DIXON 36	5:02.50 ROBERT PLACAK 35	19:15.96 DAVID TANNER 44	2:52.68 JOHN ROEMIG 44
100 M. BRST M E N 35-39	5:04.23 PAUL ASMUTH 36	19:19.47 DAVID OWEN 42	2:53.29 JEFFREY JOHANSON 40
1:07.90 MARK SCHUMAN 92	5:04.24 STUART CORLISS 38	19:27.13 STEPHEN STEDRY 43	2:53.41 RICK WALKER 43
1:09.70 RON SCHAFER 36	5:08.06 MATTHEW KANZLER 37	19:43.27 SCOTT HARRIS 40	2:53.46 RICHARD BOHAN 43
1:10.13 STUART CORLISS 38	5:15.27 RICHARD FORRESTEL 37	20:12.18 LARRY KRAUSER 41	50 M. FLY M E N 40-44
1:11.71 BENN DOYLE 35	5:22.20 KERRY O'BRIEN 37	20:19.52 WILLIAM DRULIAS 42	26.66 DAVID HAGUE 94
1:12.15 GREGORY OXLEY 35	5:22.90 BRUCE HATTON 37	50 M. BACK M E N 40-44	26.66 DAVID HAGUE 40
1:12.30 MICHAEL SLOWEY 36	5:23.55 THOMAS DUGAN 36	29.38 PETER O'KEEFFE 90	27.39 CLAY EVANS 40
1:12.48 PHILIPPE CALAIS 35	5:25.55 MARK HAHN 37	29.73 CLAY EVANS 40	27.47 JAMES GRIFFITH 41
1:13.29 TIMM ANDERSON 36	*****	30.51 JACK ALDOERFFER 40	27.57 TRIP CLAY HEDRICK 40
1:14.19 MATTHEW KANZLER 37	50 M. FREE M E N 40-44	30.91 PAUL WINDRATH 40	27.68 BRUCE MALLETTE 41
1:15.64 MATTHEW PAINTER 35	24.93 TOM WHATLEY 92	31.10 STEVE STOCKSDALE 40	27.73 CRAIG BURNS 41
1:15.82 THOMAS DUGAN 36	25.31 TRIP CLAY HEDRICK 40	31.46 RICHARD BOBER 43	28.02 KEVIN MCCORMACK 41
200 M. BRST M E N 35-39	25.44 C.MILTENBERGER 42	31.68 JACK COURTNEY 41	28.32 BRAD PENCE 42
2:33.05 MARK SCHUMAN 92	25.55 JAMES GRIFFITH 41	31.87 JIM BENDTSEN 40	28.40 MICHAEL HEATHER 40
2:33.07 RON SCHAFER 36	25.92 CRAIG BURNS 41	32.29 LOU HORWITZ 41	28.55 DONALD BACCI 41
2:34.00 STUART CORLISS 38	26.15 DAVID HAGUE 40	32.59 WILLIAM TINGLEY 43	28.55 BUCK SMITH 41
2:36.05 BENN DOYLE 35	26.21 WILLIE WACHOB 41	32.66 KEVIN MCCORMACK 41	100 M. FLY M E N 40-44
2:37.56 MATTHEW KANZLER 37	26.21 CRAIG SAINT-AMOUR 41	100 M. BACK M E N 40-44	59.96 TRIP HEDRICK 94
2:39.48 PHILIPPE CALAIS 36	26.28 WILLIAM DRULIAS 42	1:03.39 PETER O'KEEFFE 90	59.96 TRIP CLAY HEDRICK 40
2:43.09 MICHAEL SLOWEY 36	26.30 BUCK SMITH 41	1:05.87 BRUCE MALLETTE 41	1:01.15 BRUCE MALLETTE 41
2:43.29 PATRICK ALLENDER 35	26.45 LARRY KRAUSER 41	1:06.40 FRED FERROGGIARO 40	1:02.16 MICHAEL HEATHER 40
2:44.75 PAT DIBIASE 39	100 M. FREE M E N 40-44	1:06.89 PAUL WINDRATH 40	1:02.68 CRAIG BURNS 41
2:44.97 THOMAS DUGAN 36	55.26 TRIP HEDRICK 94	1:07.01 STEVE STOCKSDALE 40	1:02.92 DAVID HAGUE 40
2:45.58 JEFF MOXIE 35	55.26 TRIP CLAY HEDRICK 40	1:08.11 KENT FORD 40	1:03.50 KEVIN MCCORMACK 41
50 M. FLY M E N 35-39	55.86 JAMES GRIFFITH 41	1:08.47 RICHARD BOBER 43	1:03.63 EDWARD BROWN 41
25.93 MICHAEL BOTTOM 93	56.19 C.MILTENBERGER 42	1:08.53 MICHAEL DREWS 40	1:04.72 STEPHEN BOSTER 43
26.28 WILLIAM SPECHT 36	56.80 CRAIG BURNS 41	1:09.20 JACK ALDOERFFER 40	1:05.54 BRAD PENCE 42
26.47 ROBERT PLACAK 35	56.84 TIM BRODERICK 43	1:09.51 JACK COURTNEY 41	1:05.74 ROB ORR 43
27.72 CHRIS DIXON 36	57.21 DAVID HAGUE 40	1:09.84 SCOTT MCMILLEN 40	200 M. FLY M E N 40-44
27.82 YIT AUN LIM 36	57.66 CRAIG SAINT-AMOUR 41	200 M. BACK M E N 40-44	2:20.81 EDWARD BROWN 93
28.32 RICHARD FORRESTEL 37	57.76 LARRY WOOD 40	2:18.17 PETER O'KEEFFE 90	2:21.66 JAMES GRIFFITH 41
28.34 JOE SHAKE 35	58.29 MICHAEL MANN 40	2:18.53 CLAY EVANS 40	2:22.78 MICHAEL HEATHER 40
28.47 BOB CROWDER 38	58.48 STEVEN STRONG 40	2:23.44 FRED FERROGGIARO 40	2:24.44 EDWARD BROWN 41
28.60 DOUG HERICH 37	200 M. FREE M E N 40-44	2:24.78 PAUL WINDRATH 40	2:32.09 JAN HUNEKE 40
28.64 TOM HIEBER 37	2:03.28 TIM BRODERICK 93	2:26.68 RICHARD BOBER 43	2:34.05 HUNTER YOST 43
28.65 KERRY O'BRIEN 37	2:04.45 TIM BRODERICK 43	2:30.36 KURT MOEHLMANN 42	2:34.39 RONALD KANE 41
100 M. FLY M E N 35-39	2:05.43 LARRY WOOD 40	2:31.30 STEVE STOCKSDALE 40	2:34.53 RICHARD HAAS 44
57.39 WILLIAM SPECHT 94	2:06.29 JAMES GRIFFITH 41	2:33.30 JACK COURTNEY 41	2:35.19 ALAN BELL 44
57.39 WILLIAM SPECHT 36	2:06.31 STEVEN STRONG 40	2:33.52 SCOTT MCMILLEN 40	2:35.31 BRUCE JOHNSON 43
59.83 ROBERT PLACAK 35	2:08.26 MIKE SHERRILL 44	2:34.21 FRANK THOMPSON 42	2:35.32 ALAN CARDWELL 41
1:01.68 KERRY O'BRIEN 37	2:08.33 JOHN MCCONNOCHIE 40	2:35.71 LOU HORWITZ 41	200 M. I.M. M E N 40-44
1:02.76 RICHARD FORRESTEL 37	2:08.90 MICHAEL MANN 40	50 M. BRST M E N 40-44	2:18.92 RICK COLELLA 92

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Long Course Meters

2:20.80 CLAY EVANS 40	9:52.78 JOEL WILSON 45	1:21.96 DAVE GEMMILL 46	*****
2:23.20 BRUCE MALLETT 41	9:57.47 KEITH BELL 45	1:22.44 JAMES DONNELLY 45	50 M. FREE M E N 50-54
2:23.77 STEVEN STRONG 40	10:07.15 GAARD ARNESON 46	1:22.45 STEVEN PETERSON 47	26.16 DON HILL 83
2:25.20 MICHAEL MANN 40	10:09.43 STEVE JOHNSON 46	200 M. BRST M E N 45-49	26.80 JAMES ELDER 51
2:25.76 MICHAEL DREWS 40	10:15.22 WILLIAM CERNY 46	2:41.64 ROBERT STRAND 94	27.13 KEEFE LODWIG 51
2:27.28 JOHN MCCONNOCHIE 40	10:15.39 MARVIN SCHWARTZ 45	2:41.64 ROBERT STRAND 48	27.37 BOB OLSON 50
2:28.15 LARRY WOOD 40	10:21.24 IAN THOMPSON 45	2:49.64 ALLEN STARK 45	27.55 JIM DRAGON 50
2:28.33 RICK COLELLA 42	1500 M. FREE M E N 45-49	2:51.87 PAUL JEFFERS 48	27.67 THOMAS OLANDER 52
2:29.21 MIKE SHERRILL 44	18:27.49 R TOD SPIEKER 93	2:54.32 IAN THOMPSON 45	27.89 KARL VON TAGEN 50
2:29.41 BUCK SMITH 41	18:31.52 DAVID GRAY 48	2:55.29 MAL JESTER 45	28.21 BRUCE CLARK 51
400 M. I.M. M E N 40-44	18:56.04 JOHN NOLAN 46	2:56.36 DAVE GEMMILL 46	28.39 ROBERT WILLIAMS 52
4:57.46 RICK COLELLA 92	18:59.17 JOEL WILSON 45	2:58.26 JOHN SULTAN 47	28.40 EDWARD CAZALET 52
5:02.83 CLAY EVANS 40	19:13.63 KEITH BELL 46	3:00.60 WAYNE MCCAULEY 46	28.40 TOM ANGELL 54
5:07.13 STEVEN STRONG 40	19:27.15 MARVIN SCHWARTZ 45	3:03.49 T.A. VANDERVEEN 49	100 M. FREE M E N 50-54
5:08.72 MICHAEL MANN 40	19:42.84 ANDREW MC PHERSON 47	3:04.51 JAMES DONNELLY 45	58.62 TIMOTHY GARTON 93
5:10.58 EDWARD BROWN 41	19:56.72 JORGE GONZALEZ 45	50 M. FLY M E N 45-49	59.28 TIMOTHY GARTON 51
5:11.50 BRUCE MALLETT 41	20:35.56 EDWIN PYLE 45	27.12 DAN THOMPSON 92	59.54 JAMES ELDER 51
5:11.51 RICK COLELLA 42	20:36.52 GREGORY WILLIS 45	28.83 ARTHUR DEFFAA 45	59.80 KEEFE LODWIG 51
5:14.80 JOHN MCCONNOCHIE 40	21:23.63 STEPHEN PURYEAR 45	28.90 ANDREW MC PHERSON 47	1:01.34 EDWARD CAZALET 51
5:20.11 MIKE SHERRILL 44	50 M. BACK M E N 45-49	29.19 ROBERT NIEMAN 46	1:03.20 TOM ANGELL 54
5:23.25 LARRY WOOD 40	30.42 HUGH WILDER 93	29.29 DICK THOMAS 46	1:03.83 TOM BOAK 50
5:28.90 MICHAEL HEATHER 40	31.48 HUGH WILDER 47	29.57 DAVID SOLOMON 45	1:04.14 JACK GEOGHEGAN 52
*****	31.57 TIM BIRNIE 48	29.64 MICHAEL GARIBALDI 48	1:04.25 RICHARD ALEXANDER 50
50 M. FREE M E N 45-49	31.76 BOB KOLONKOWSKI 46	29.67 RANDY SIMONS 46	1:05.16 BOB OLSON 50
25.30 RICHARD ABRAHAMS 90	32.15 BILL BARTHOLD 45	29.82 DAVID HAMILTON 47	1:05.28 ROBERT WILLIAMS 52
26.28 ANDREW MC PHERSON 47	32.60 HOMER LANE 45	29.87 BRAD GLENN 45	200 M. FREE M E N 50-54
26.75 BILL BARTHOLD 45	32.61 DICK THOMAS 46	30.03 THOMAS MEADE 46	2:09.74 TIMOTHY GARTON 93
26.76 RANDY SIMONS 46	33.19 R. TOD SPIEKER 45	30.03 ABBOTT KAGAN 47	2:11.24 TIMOTHY GARTON 51
26.91 HOMER LANE 45	33.32 FRANK WARNER 45	100 M. FLY M E N 45-49	2:15.47 EDWARD CAZALET 51
27.08 ROBERT STRAND 48	33.49 JAMES KING 47	1:02.84 ANDREW MCPHERSON 92	2:22.59 RICHARD BASSI 51
27.20 THOMAS MEADE 46	34.12 ANDRE WEISBROD 45	1:04.28 ANDREW MC PHERSON 47	2:24.63 JACK GEOGHEGAN 52
27.23 DAVID GRAY 48	100 M. BACK M E N 45-49	1:05.74 ARTHUR DEFFAA 45	2:24.85 KARL VON TAGEN 50
27.27 BRAD GLENN 45	1:06.00 HUGH WILDER 92	1:07.30 BOB KOLONKOWSKI 46	2:25.87 TIM GRIFFIN 51
27.32 ROBERT NIEMAN 46	1:07.25 HUGH WILDER 47	1:07.49 ROBERT NIEMAN 46	2:26.71 ROBERT WILLIAMS 52
27.36 MICHAEL GARIBALDI 48	1:08.44 R. TOD SPIEKER 46	1:08.57 KEITH BELL 46	2:28.24 RENDALL BANKS 51
100 M. FREE M E N 45-49	1:08.49 BILL BARTHOLD 45	1:08.93 STEPHEN WARNER 45	2:29.92 DONALD KROEGER 50
57.04 ANDREW MCPHERSON 92	1:09.58 JOHN CALVERT 48	1:09.12 THOMAS MEEHAN 47	2:30.41 MICHAEL LAUX 52
59.04 HOMER LANE 45	1:09.58 TIM BIRNIE 48	1:09.93 DOUGLAS MILLER 47	400 M. FREE M E N 50-54
59.11 ROBERT NIEMAN 46	1:10.11 BOB KOLONKOWSKI 46	1:09.94 DAVE GEMMILL 46	4:43.72 TIMOTHY GARTON 92
59.19 ANDREW MC PHERSON 47	1:12.09 JAMES KING 47	1:10.12 ABBOTT KAGAN 47	4:49.80 TIMOTHY GARTON 51
59.46 DAVID GRAY 48	1:15.14 JAMES BEGLINGER 47	200 M. FLY M E N 45-49	4:58.30 EDWARD CAZALET 51
59.99 HUGH WILDER 47	1:15.82 DICK THOMAS 46	2:29.52 ANDREW MCPHERSON 93	5:06.97 WILLIAM GONZALEZ 51
59.99 BILL BARTHOLD 45	1:15.88 TOM MEADE 46	2:29.97 JOEL WILSON 45	5:09.11 RICHARD BASSI 53
1:00.43 MICHAEL GARIBALDI 48	200 M. BACK M E N 45-49	2:30.31 JOHN NOLAN 45	5:10.96 ROBERT WILLIAMS 52
1:00.75 ROBERT STRAND 48	2:26.69 R TOD SPIEKER 94	2:31.43 KEITH BELL 45	5:13.73 JACK GEOGHEGAN 52
1:01.25 TOM MEADE 46	2:26.69 R. TOD SPIEKER 46	2:32.51 BOB KOLONKOWSKI 46	5:17.42 STEVEN THRASHER 52
1:01.38 PAUL LAWLER 46	2:29.81 JOHN CALVERT 48	2:37.74 ARTHUR DEFFAA 45	5:19.65 DICK STEWART 54
200 M. FREE M E N 45-49	2:30.45 BILL BARTHOLD 45	2:45.96 GAARD ARNESON 46	5:20.22 BOB BOURASSA 52
2:06.91 DAVID GRAY 94	2:31.90 TIM BIRNIE 48	2:55.66 STEVE JOHNSON 46	5:23.27 ROBERT BENNETT 51
2:06.91 DAVID GRAY 48	2:32.36 HUGH WILDER 47	2:55.96 DOUG HUESTIS 46	800 M. FREE M E N 50-54
2:11.21 JOHN NOLAN 45	2:34.57 BOB KOLONKOWSKI 46	3:00.91 GREGORY WILLIS 45	9:55.59 TIMOTHY GARTON 92
2:12.25 HOMER LANE 45	2:37.01 JAMES KING 47	3:21.43 RICHARD FORTUNE 46	11:18.01 ROBERT BOURASSA 52
2:12.34 ROBERT NIEMAN 46	2:41.82 FRANK WARNER 48	200 M. I.M. M E N 45-49	11:18.72 JACK GEOGHEGAN 52
2:12.83 JOEL WILSON 45	2:41.88 EDWIN PYLE 45	2:24.39 BOB MOMSEN 92	11:35.00 RENDALL BANKS 51
2:15.18 R. TOD SPIEKER 45	2:46.86 JAMES BEGLINGER 47	2:31.83 JOHN CALVERT 48	11:38.22 DONALD KROEGER 50
2:15.38 KEITH BELL 45	50 M. BRST M E N 45-49	2:32.75 ANDREW MC PHERSON 47	11:44.65 KAL RAUSTIALA 51
2:15.53 MICHAEL GARIBALDI 48	32.48 ROBERT STRAND 94	2:33.48 JOEL WILSON 45	11:45.52 BILL MULLIKEN 54
2:16.71 EDWARD CROSSMORE 46	32.48 ROBERT STRAND 48	2:37.63 TIM BIRNIE 48	11:49.95 MICHAEL LAUX 52
2:17.08 STEVE JOHNSON 46	33.63 ALLEN STARK 45	2:37.64 ARTHUR DEFFAA 45	11:57.19 BEN WISCKOL 54
400 M. FREE M E N 45-49	34.33 G.PAUL MENYARTH 47	2:37.93 JOHN SULTAN 47	12:07.44 PHIL HENGEN 50
4:27.70 BOB MOMSEN 92	34.89 BOB LONG 45	2:38.09 HOMER LANE 45	12:16.59 JOSEPH TESMER 54
4:33.22 DAVID GRAY 48	34.90 WAYNE MCCAULEY 46	2:38.70 EDWIN PYLE 45	1500 M. FREE M E N 50-54
4:39.95 JOHN NOLAN 45	35.89 ARTHUR DEFFAA 45	2:40.14 DAVE GEMMILL 46	19:19.43 ED CAZALET 93
4:42.56 R. TOD SPIEKER 46	36.36 BRAD GLENN 45	2:40.29 JOHN NOLAN 46	20:39.27 TIM GRIFFIN 51
4:45.39 KEITH BELL 45	36.72 DENNIS WILSON 45	400 M. I.M. M E N 45-49	20:50.00 ROBERT WILLIAMS 52
4:45.66 ANDREW MC PHERSON 47	36.74 LEE EISINGER 45	5:12.03 BOB MOMSEN 92	21:24.16 STEVE THRASHER 52
4:47.09 JOEL WILSON 45	36.82 PAUL JEFFERS 48	5:20.53 JOHN NOLAN 45	21:44.79 PHIL HENGEN 50
4:47.97 MARVIN SCHWARTZ 45	100 M. BRST M E N 45-49	5:22.54 JOHN CALVERT 48	22:25.64 BEN WISCKOL 54
4:48.27 STEVE JOHNSON 46	1:12.96 ROBERT STRAND 94	5:28.10 JOEL WILSON 45	22:55.93 VINCE HERRING 51
4:48.62 HOMER LANE 45	1:12.96 ROBERT STRAND 48	5:29.34 R. TOD SPIEKER 46	23:01.90 PETER LEE 51
4:48.80 MICHAEL GARIBALDI 48	1:15.33 ALLEN STARK 45	5:30.48 KEITH BELL 45	23:08.73 BILL MULLIKEN 54
800 M. FREE M E N 45-49	1:17.92 G.PAUL MENYARTH 47	5:38.88 BOB KOLONKOWSKI 46	23:09.91 RICHARD MONAHAN 52
9:24.19 DAVID GRAY 94	1:19.65 BOB LONG 45	5:41.83 EDWIN PYLE 45	23:17.20 DONALD KROEGER 50
9:24.19 DAVID GRAY 48	1:20.01 PAUL JEFFERS 48	5:42.00 IAN THOMPSON 45	50 M. BACK M E N 50-54
9:45.40 JOHN NOLAN 45	1:20.78 IAN THOMPSON 45	5:42.51 GAARD ARNESON 46	30.93 JOHN SMITH 88
9:48.39 R. TOD SPIEKER 46	1:21.20 WAYNE MCCAULEY 46	5:44.50 DAVE GEMMILL 46	32.08 PHIL WHITTEN 50

TOP TEN

Long Course Meters

32.80 ROBERT SMITH	51	30.91 JIM DRAGON	50	1:09.06 LEE BETTIS	56	2:55.36 LEE BETTIS	56
33.13 RICHARD ALEXANDER	50	30.92 ERIC SNYDER	51	1:09.29 STEPHEN MOSELEY	56	2:55.56 JACK BEATTIE	59
33.29 RICHARD BASSI	53	30.93 THOMAS OLANDER	52	200 M. FREE M E N 55-59		2:56.75 ROBERT NORRIS	56
34.23 STEVEN THRASHER	52	30.95 ROBERT BENNETT	51	2:17.63 JEFF FARRELL	94	3:03.16 BARR CLAYSON	59
35.07 HUGH RODDIN	52	31.22 KARL VON TAGEN	50	2:17.63 JEFF FARRELL	57	3:04.50 KENT PRICE	56
35.45 JON HEIMANN	52	100 M. FLY M E N 50-54		2:23.74 WILLIAM VAN HORN	55	3:05.30 ROGER BOSVELD	55
35.51 RUSS KINGERY	50	1:05.83 TIMOTHY GARTON	92	2:23.78 ROBERT PROEBSTING	56	3:08.64 F.WENDELKEN	55
35.89 PETER BETZER	52	1:09.61 ERIC SNYDER	51	2:25.50 DAVID HARRISON	56	3:12.04 BARRY FASBENDER	57
36.72 DAN PER-LEE	50	1:10.78 JAMES ELDER	51	2:28.09 CHARLES RAVEN	55	3:12.68 MIKE MILLIMAN	59
100 M. BACK M E N 50-54		1:12.16 MICHAEL LAUX	52	2:28.42 TOSHIRO HAYASHI	57	3:14.40 JAMES DULEY	55
1:09.82 RICHARD BURNS	93	1:12.29 JACK GEOGHEGAN	52	2:29.66 ERNEST LESKOVITZ	57	50 M. BRST M E N 55-59	
1:12.51 EDWARD CAZALET	51	1:13.40 RICHARD ALEXANDER	50	2:33.48 MEL GOLDSTEIN	55	34.20 JOHN KORTHEUER	88
1:13.38 RICHARD ALEXANDER	50	1:13.98 ROBERT BENNETT	51	2:33.54 BILL STEUART	57	37.06 BILL MULLIKEN	55
1:13.79 STEVEN THRASHER	52	1:14.17 KEEFE LOOWIG	51	2:37.25 JERRY CLARK	56	37.42 GEORGE DOWNS	55
1:14.19 RICHARD BASSI	53	1:14.90 RICHARD BROOKS	50	400 M. FREE M E N 55-59		38.31 TOSHIRO HAYASHI	57
1:16.27 RUSS KINGERY	50	1:16.05 HUGH RODDIN	52	4:57.21 DAVID HARRISON	94	38.47 CHARLES KILBOURNE	55
1:18.24 HUGH RODDIN	52	1:16.80 ILKKA SUVANTO	50	4:57.21 DAVID HARRISON	56	38.85 STAN MORNER	59
1:19.46 JIM PELISSIER	50	200 M. FLY M E N 50-54		5:12.55 ROBERT PROEBSTING	56	38.91 MILTON GEE	57
1:19.83 PETER BETZER	52	2:33.79 BILL YORZYK	83	5:16.59 WILLIAM VAN HORN	55	39.33 DICK PETERSON	57
1:23.60 ERIC JENSEN	52	2:48.03 MICHAEL LAUX	52	5:19.37 ERNIE LESKOVITZ	57	39.58 KURT SMIRNA	55
1:23.69 JON HEIMANN	52	2:55.06 WILLIAM GONZALEZ	51	5:24.00 BILL STEUART	57	39.63 A. EMORY HAWORTH	58
200 M. BACK M E N 50-54		2:59.58 HUGH RODDIN	52	5:26.37 MEL GOLDSTEIN	55	40.14 BARR CLAYSON	59
2:32.81 RICHARD BURNS	93	3:01.28 PHIL HENGEN	50	5:27.30 CHARLES RAVEN	55	100 M. BRST M E N 55-59	
2:35.49 EDWARD CAZALET	51	3:01.72 JACK GEOGHEGAN	52	5:39.49 JAMES KRUEGER	55	1:17.87 JOHN KORTHEUER	88
2:39.01 STEVEN THRASHER	52	3:01.86 PHILLIP WHITTEN	50	5:41.01 E. LEE FITZHUGH	56	1:23.43 BILL MULLIKEN	55
2:44.50 RICHARD ALEXANDER	50	3:07.07 RICHARD BROOKS	50	5:45.35 JOHN MEDICI	56	1:25.52 GEORGE DOWNS	55
2:45.17 RICHARD BASSI	53	3:08.33 KAL RAUSTIALA	51	800 M. FREE M E N 55-59		1:27.20 CHARLES KILBOURNE	55
2:50.84 HUGH RODDIN	52	3:14.09 TONY SILVESTRI	53	10:27.08 BURWELL JONES	88	1:29.10 DICK PETERSON	57
2:55.24 PETER BETZER	52	3:14.95 HUGH DUNSEATH	50	10:41.30 DAVID HARRISON	56	1:29.36 MILTON GEE	57
2:56.85 JIM PELISSIER	50	200 M. I.M. M E N 50-54		10:58.22 ROBERT PROEBSTING	56	1:30.71 STAN MORNER	59
2:57.98 HUGH DUNSEATH	50	2:28.70 TIMOTHY GARTON	93	11:00.17 WILLIAM VAN HORN	55	1:31.30 JOHN MEDICI	56
3:03.43 RUSS KINGERY	50	2:30.04 TIMOTHY GARTON	51	11:09.90 ERNEST LESKOVITZ	57	1:31.89 KURT SMIRNA	55
3:09.95 DENNIS WITZGALL	51	2:38.12 WILLIAM GONZALEZ	51	11:11.20 BILL STEUART	57	1:33.18 MEL GOLDSTEIN	55
50 M. BRST M E N 50-54		2:43.55 MICHAEL LAUX	52	11:14.75 MEL GOLDSTEIN	55	1:33.65 SATORU SUDOH	55
33.85 MANUEL SANGUILY	83	2:47.47 JIM PELISSIER	50	11:16.92 CHARLES RAVEN	55	200 M. BRST M E N 55-59	
35.03 THOMAS BOAK	50	2:48.69 DICK STEWART	54	11:55.83 ROGER BOSVELD	55	2:58.83 MANUEL SANGUILY	88
35.66 JIM DRAGON	50	2:50.44 STEVE THRASHER	52	11:56.36 BERT PETERSEN	55	3:06.29 BILL MULLIKEN	55
35.81 WILLIAM GONZALEZ	51	2:50.65 ILKKA SUVANTO	50	12:03.99 ROBERT NORRIS	56	3:13.54 CHARLES KILBOURNE	55
36.56 PHILLIP WHITTEN	50	2:50.68 ROBERT WILLIAMS	52	1500 M. FREE M E N 55-59		3:13.77 DICK PETERSON	57
36.69 RENDALL BANKS	51	2:52.29 TOM WINTERS	54	19:54.72 BURWELL JONES	90	3:14.01 GEORGE DOWNS	55
36.78 JIM PELISSIER	50	2:53.25 BOB OLSON	50	20:50.58 WILLIAM VAN HORN	55	3:18.82 MILTON GEE	57
36.81 DAN PER-LEE	50	400 M. I.M. M E N 50-54		21:16.67 ERNIE LESKOVITZ	57	3:21.64 BARR CLAYSON	59
36.84 JACK MCCOY	53	5:25.32 TIMOTHY GARTON	93	22:20.82 GEORGE MANN	56	3:23.70 JOHN MEDICI	56
36.90 CHARLES LEE	50	5:30.66 TIMOTHY GARTON	51	22:21.58 KENT PRICE	56	3:26.99 SATORU SUDOH	55
37.32 PHILIP NEUJAHR	50	5:38.52 WILLIAM GONZALEZ	51	22:39.69 E. LEE FITZHUGH	56	3:28.98 A. EMORY HAWORTH	58
100 M. BRST M E N 50-54		5:40.84 TEGZE HARASZTI	52	23:20.37 SAM KOOSTRA	58	3:29.68 STAN MORNER	59
1:15.60 MANUEL SANGUILY	83	5:48.20 EDWARD CAZALET	51	23:25.47 LEE BETTIS	56	50 M. FLY M E N 55-59	
1:18.77 TEGZE HARASZTI	52	5:57.63 MICHAEL LAUX	52	24:20.72 BARRY FASBENDER	56	29.74 ROBERT PROEBSTING94	
1:19.40 TOM BOAK	50	6:03.07 ROBERT WILLIAMS	52	24:43.80 LAWRENCE COHEN	59	29.74 ROBERT PROEBSTING	56
1:20.37 WILLIAM GONZALEZ	51	6:15.47 STEVE THRASHER	52	25:15.46 RICHARD HELLER	56	30.24 BERT PETERSEN	55
1:21.28 PHIL WHITTEN	50	6:22.25 HUGH DUNSEATH	50	50 M. BACK M E N 55-59		30.93 JEFF FARRELL	57
1:21.72 JACK MCCOY	53	6:22.49 PHIL HENGEN	50	32.94 YOSHI OYAWAKA	92	31.01 DAVE GILLANDERS	55
1:21.92 JIM PELISSIER	50	6:27.14 KAL RAUSTIALA	51	33.80 JOHN SMITH	56	32.15 JAMES KRUEGER	55
1:22.16 JIM DRAGON	50	*****		36.20 JACK BEATTIE	59	32.36 RONALD NAKATA	55
1:23.71 CHARLES LEE	50	50 M. FREE M E N 55-59		36.29 MARSHALL GREER	57	32.71 MEL GOLDSTEIN	55
1:23.73 PHILIP NEUJAHR	50	27.42 MICHAEL MUCKLER0Y88		36.37 BARR CLAYSON	59	33.23 BRUCE HUNTER	55
1:25.00 RENDALL BANKS	51	27.43 JEFF FARRELL	57	36.68 JAMES BOHAN	58	33.27 JERRY KATZ	55
200 M. BRST M E N 50-54		27.81 ROBERT PROEBSTING	56	36.94 LEE BETTIS	56	33.57 GEORGE DOWNS	55
2:50.87 TEGZE HARASZTI	94	27.97 TOSHIRO HAYASHI	57	37.06 BILL EARLEY	57	33.57 DAVE DRUM	59
2:50.87 TEGZE HARASZTI	52	28.09 CHARLES RAVEN	55	38.13 BARRY FASBENDER	57	100 M. FLY M E N 55-59	
2:56.11 WILLIAM GONZALEZ	51	28.39 JAMES KRUEGER	55	38.14 F.WENDELKEN	55	1:09.27 ROBERT PROEBSTING94	
2:59.18 TOM BOAK	50	28.50 WILLIAM VAN HORN	55	38.38 WILLIAM RADACK	57	1:09.27 ROBERT PROEBSTING	56
2:59.92 PHIL WHITTEN	50	29.32 JERRY KATZ	55	100 M. BACK M E N 55-59		1:12.08 BERT PETERSEN	55
3:05.53 JIM PELISSIER	50	29.44 JERRY CLARK	56	1:13.15 JACK BEATTIE	90	1:13.89 DAVE GILLANDERS	55
3:06.13 MICHAEL LAUX	52	30.21 RONALD NAKATA	55	1:19.31 LEE BETTIS	56	1:15.10 ERNIE LESKOVITZ	57
3:08.74 BOB OLSON	50	30.35 JACK BEATTIE	59	1:19.66 ROBERT NORRIS	56	1:16.04 MEL GOLDSTEIN	55
3:08.82 JACK MCCOY	53	100 M. FREE M E N 55-59		1:22.12 BARR CLAYSON	59	1:17.64 JAMES KRUEGER	55
3:10.91 CHARLES LEE	50	1:01.13 ROBERT PROEBSTING94		1:23.80 F.WENDELKEN	55	1:18.32 WILLIAM TIMKEN	55
3:11.99 BRUCE CLARK	51	1:01.13 ROBERT PROEBSTING	56	1:24.44 KENT PRICE	56	1:21.67 BARRY FASBENDER	57
50 M. FLY M E N 50-54		1:01.94 JEFF FARRELL	57	1:25.57 MARSHALL GREER	58	1:27.17 DICK PETERSON	57
28.19 KEEFE LOOWIG	93	1:03.34 TOSHIRO HAYASHI	57	1:27.06 JAMES BOHAN	58	1:27.73 HERB ALVARADO	59
28.90 KEEFE LOOWIG	51	1:04.36 JAMES KRUEGER	55	1:27.10 DICK PETERSON	57	200 M. FLY M E N 55-59	
29.32 RICHARD BASSI	53	1:04.87 WILLIAM VAN HORN	55	1:27.68 BILL EARLEY	57	2:48.05 ROBERT PROEBSTING94	
29.62 JAMES ELDER	51	1:05.64 DAVID HARRISON	56	1:28.08 JERRY GLANCY	56	2:48.05 ROBERT PROEBSTING	56
30.18 ROBERT WILLIAMS	52	1:05.73 CHARLES RAVEN	55	200 M. BACK M E N 55-59		3:02.49 DAVID GILLANDERS	55
30.77 ROBERT SMITH	51	1:06.18 JERRY CLARK	56	2:42.37 DON BROWN	88	3:03.63 MEL GOLDSTEIN	55

TOP TEN

Long Course Meters

3:04.11 WILLIAM TIMKEN 55	5:58.45 JOHN LENARD 63	100 M. BRST M E N 60-64	6:48.67 C.LEBOURGEOIS 60
3:05.41 BILL MULLIKEN 55	6:08.16 ELMER EGALKRAUT 60	1:21.58 JOHN KORTHEUER 91	6:50.56 BOB BEST 61
3:14.22 BARRY FASBENDER 57	6:12.06 C.H. KOHNKEN 62	1:22.77 BOB PATTEN 60	7:03.71 HERB KERN 62
3:18.94 BERT PETERSEN 55	6:14.49 GEORGE NORDBLOM 60	1:23.06 JOHN KORTHEUER 63	7:05.23 JOHN LENARD 63
3:27.85 CHARLES KILBOURNE 55	800 M. FREE M E N 60-64	1:26.78 BOB BEST 61	7:05.56 ROBERT KUENY 63
3:27.85 GEORGE DOWNS 55	10:36.08 GRAHAM JOHNSTON 93	1:33.38 TAK ISERI 62	7:09.20 JOHN KORTHEUER 63
3:34.44 HERB ALVARADO 59	10:44.44 GRAHAM JOHNSTON 63	1:34.85 JOHN BLECK 61	7:31.70 L.SILVERSTEIN 60
200 M. I.M. M E N 55-59	11:33.39 C.LEBOURGEOIS 60	1:35.40 J.VANLANDINGHAM 60	7:31.96 C.H. KOHNKEN 62
2:42.59 JEFF FARRELL 94	11:33.73 GEORGE BRUNSTAD 60	1:36.69 L.SILVERSTEIN 60	*****
2:42.59 JEFF FARRELL 57	11:54.15 JIM KALAS 61	1:36.75 MIKE DELANEY 60	50 M. FREE M E N 65-69
2:50.03 TOSHIRO HAYASHI 57	12:02.95 LARRY GOOD 60	1:36.95 GENE SAPPER 64	29.17 PETER POWLISON 87
2:51.49 BILL MULLIKEN 55	12:04.22 ARTHUR WELCH 61	1:37.41 ROBERT KUENY 63	30.98 WILLIAM DOLAN 65
2:52.76 MEL GOLDSTEIN 55	12:37.67 JOHN LENARD 63	200 M. BRST M E N 60-64	31.17 DICK WEBBER 65
2:59.07 DICK PETERSON 57	13:01.16 KENNETH KIMBALL 63	3:08.59 JOHN KORTHEUER 91	31.18 FRANK PIEMME 69
3:00.82 RONALD NAKATA 55	13:19.90 ROGER CAMPBELL 64	3:08.62 BOB PATTEN 60	31.29 BOB HERITIER 66
3:04.85 JACK BEATTIE 59	13:20.61 BILL HEBERT 63	3:17.18 BOB BEST 61	31.35 MILTON SENS 68
3:06.96 A. EMORY HAWORTH 58	1500 M. FREE M E N 60-64	3:21.63 JOHN KORTHEUER 63	31.77 WILLIAM IRWIN 66
3:07.89 BARRY FASBENDER 57	20:06.80 GRAHAM JOHNSTON 91	3:29.25 WALLY DOBLER 60	31.86 PETER VANDIJK 65
3:11.03 EVERETT SMETHURST 59	21:30.20 C.LEBOURGEOIS 60	3:32.20 L.SILVERSTEIN 60	32.22 ROBERT BLAKE 69
400 M. I.M. M E N 55-59	24:09.99 CHARLES MAAS 60	3:32.77 JOHN BLECK 61	32.41 BOB CONGELLIERE 65
5:53.53 BURWELL JONES 90	24:24.48 C.H. KOHNKEN 62	3:37.26 ROBERT KUENY 63	32.50 PAUL HUTINGER 69
6:14.16 BILL MULLIKEN 55	24:29.04 DAVID FORTSCH 60	3:37.38 LARRY GOOD 60	100 M. FREE M E N 65-69
6:16.38 MEL GOLDSTEIN 55	25:02.70 BARNEY HUNGERFORD 61	3:40.26 J.VANLANDINGHAM 60	1:08.15 JAMES WELCH 83
6:24.43 ERNIE LESKOVITZ 57	25:15.08 BUD SCHUMACHER 64	3:42.57 DAN GRUENDER 64	1:11.06 LENROD GOLDSTONE 65
6:28.89 WILLIAM TIMKEN 55	25:16.51 ROGER CAMPBELL 64	50 M. FLY M E N 60-64	1:11.38 FRANK PIEMME 69
6:35.67 DICK PETERSON 57	25:22.46 BILL HEBERT 63	31.39 WALLY DOBLER 94	1:12.60 PETER VAN DIJK 65
6:42.66 JAMES DULEY 55	25:34.86 ROBERT KUENY 63	31.39 WALLY DOBLER 60	1:12.82 CHARLES MOSS 66
6:43.81 ROGER BOSVELD 55	25:51.60 JOHN BLECK 61	34.13 JOHN KORTHEUER 63	1:13.21 BOB HERITIER 66
6:49.10 ROBERT NORRIS 56	50 M. BACK M E N 60-64	34.76 CHUCK BALDWIN 64	1:13.66 WILLIAM DOLAN 65
6:50.92 CHARLES KILBOURNE 55	33.13 YOSHI OYAKAWA 94	34.82 BOB BEST 61	1:13.74 MILTON SENS 68
6:51.54 BARRY FASBENDER 56	33.13 YOSHI OYAKAWA 61	34.85 HERB KERN 62	1:14.72 ROBERT BLAKE 69
*****	35.72 BURWELL JONES 61	34.99 HAL BEGEL 64	1:14.90 DICK WEBBER 65
50 M. FREE M E N 60-64	36.43 DONALD BROWN 61	35.00 RON JOHNSON 62	1:15.54 WIN WILSON 67
27.86 DONALD HILL 92	37.63 JOHN GOODE 60	35.21 LARRY SHANNON 61	200 M. FREE M E N 65-69
29.34 YOSHI OYAKAWA 61	37.98 CLARKE MITCHELL 62	35.46 MIKE DELANEY 60	2:32.90 PETER POWLISON 87
29.79 BOB BEST 61	38.28 ROY HEWITT 61	35.71 C.LEBOURGEOIS 60	2:42.52 BOB HERITIER 66
29.93 CHUCK BALDWIN 64	38.50 WALLY DOBLER 60	100 M. FLY M E N 60-64	2:43.37 WINTHROP WILSON 67
30.17 BURWELL JONES 61	38.76 RICHARD BENNETT 63	1:14.98 WALLY DOBLER 94	2:48.81 FRANK PIEMME 69
30.88 DONALD BAKER 63	38.99 DENNY SAUNDERS 62	1:14.98 WALLY DOBLER 60	2:48.85 ROGER FRANKS 67
30.99 RON JOHNSON 62	39.25 STAN MCCONNELL 62	1:22.07 BOB PATTEN 60	2:49.95 FRED TRASK 66
31.04 DREN GEER 60	100 M. BACK M E N 60-64	1:28.34 HERB KERN 62	2:53.22 WILLIAM IRWIN 66
31.09 SHERWIN DROBNER 60	1:14.72 YOSHI OYAKAWA 94	1:28.51 RON JOHNSON 62	2:56.73 RICHARD LABAHN 65
31.10 HAL BEGEL 64	1:14.72 YOSHI OYAKAWA 61	1:28.56 C.LEBOURGEOIS 60	2:56.75 ROBERT BLAKE 69
31.18 JOHN KORTHEUER 63	1:19.89 DONALD BROWN 61	1:30.15 SANDO 60	2:56.76 BOB WHITE 67
100 M. FREE M E N 60-64	1:20.39 BURWELL JONES 61	1:30.38 LEONARD GOLDSTONE 64	2:59.16 ELMER SCHNITZER 66
1:02.80 DONALD HILL 92	1:24.45 WALLY DOBLER 60	1:33.85 LARRY SHANNON 61	400 M. FREE M E N 65-69
1:06.99 YOSHI OYAKAWA 60	1:24.46 RICHARD BENNETT 63	1:34.51 ARTHUR WELCH 61	5:38.79 JAMES WELCH 83
1:09.64 DREN GEER 60	1:25.48 ROY HEWITT 61	1:35.10 HAL BEGEL 64	5:47.80 FRANK PIEMME 69
1:09.71 WALLY DOBLER 60	1:25.71 CLARKE MITCHELL 62	200 M. FLY M E N 60-64	5:49.00 ROGER FRANKS 67
1:09.99 DONALD BAKER 63	1:27.72 STAN MCCONNELL 62	3:00.99 JOHN MASTERS 90	5:57.27 WIN WILSON 67
1:10.27 CHUCK BALDWIN 64	1:29.71 DREN GEER 60	3:08.24 WALLY DOBLER 60	5:58.35 BOB HERITIER 66
1:11.77 JOHN RIES 62	1:30.20 C.LEBOURGEOIS 60	3:12.92 MANUEL SANGUILY 61	6:06.07 FRED TRASK 66
1:12.35 BOB BEST 61	200 M. BACK M E N 60-64	3:18.29 C.LEBOURGEOIS 60	6:21.96 WILLIAM IRWIN 66
1:12.53 RICHARD BENNETT 63	2:45.93 DON BROWN 93	3:20.95 GEORGE BRUNSTAD 60	6:33.68 ELMER SCHNITZER 66
1:13.12 CHARLES MAAS 60	2:52.21 DONALD BROWN 61	3:25.02 LEONARD GOLDSTONE 64	6:35.05 ROBERT BLAKE 69
1:13.51 HAL BEGEL 64	2:56.68 YOSHI OYAKAWA 60	3:25.32 HERB KERN 62	6:39.17 JORDAN WOLLE 66
200 M. FREE M E N 60-64	3:07.38 LARRY GOOD 60	3:34.27 CHARLES MAAS 60	6:43.57 RICHARD LABAHN 65
2:23.11 DONALD HILL 92	3:09.46 CLARKE MITCHELL 62	3:34.67 RON JOHNSON 62	800 M. FREE M E N 65-69
2:25.98 GRAHAM JOHNSTON 63	3:10.04 RICHARD BENNETT 63	3:35.61 JOHN LENARD 63	11:51.06 FRANK PIEMME 93
2:35.80 YOSHI OYAKAWA 61	3:10.23 C.LEBOURGEOIS 60	3:35.62 ROBERT KUENY 63	12:03.13 WINTHROP WILSON 67
2:39.61 GEORGE BRUNSTAD 60	3:10.97 GEORGE NORDBLOM 60	200 M. I.M. M E N 60-64	12:04.99 BOB HERITIER 66
2:40.81 JIM KALAS 61	3:11.19 STAN MCCONNELL 62	2:50.08 GRAHAM JOHNSTON 93	12:57.68 FRED TRASK 66
2:40.90 BILL KING 61	3:13.00 ROY HEWITT 61	2:52.64 GRAHAM JOHNSTON 63	13:51.22 JORDAN WOLLE 66
2:42.64 DREN GEER 60	3:21.23 KENNETH KIMBALL 63	2:55.12 WALLY DOBLER 60	13:57.46 JOHN DAILY 66
2:44.57 C.LEBOURGEOIS 60	50 M. BRST M E N 60-64	2:58.01 BOB BEST 61	13:58.62 ROBERT BLAKE 69
2:45.18 ARTHUR WELCH 61	35.91 JOHN KORTHEUER 91	3:04.18 DONALD BROWN 61	14:07.15 GLYNN JONES 69
2:45.94 JOHN RIES 62	36.80 MANUEL SANGUILY 61	3:10.61 C.LEBOURGEOIS 60	14:10.68 DOUG STRONG 69
2:46.17 DONALD BAKER 63	37.06 JOHN KORTHEUER 63	3:11.02 JOHN KORTHEUER 63	14:23.20 ROBERT CUNNINGHAM 66
400 M. FREE M E N 60-64	37.38 BOB BEST 61	3:12.55 HERB KERN 62	14:30.89 ELMER SCHNITZER 66
5:02.70 GRAHAM JOHNSTON 91	37.80 BOB PATTEN 60	3:14.90 GEORGE NORDBLOM 60	1500 M. FREE M E N 65-69
5:08.41 GRAHAM JOHNSTON 63	39.40 CHUCK BALDWIN 64	3:15.49 JIM KALAS 61	22:29.32 WINTHROP WILSON 92
5:32.09 C.LEBOURGEOIS 60	41.13 RON JOHNSON 62	3:15.82 JOHN LENARD 63	22:54.82 ROGER FRANKS 67
5:37.86 BURWELL JONES 61	41.59 J.VANLANDINGHAM 60	400 M. I.M. M E N 60-64	23:46.97 BOB HERITIER 66
5:41.83 GEORGE BRUNSTAD 60	41.70 TAK ISERI 62	6:04.99 GRAHAM JOHNSTON 91	25:01.08 FRED TRASK 66
5:44.57 JIM KALAS 61	42.01 DICK D'ACCORDI 60	6:13.87 GRAHAM JOHNSTON 63	26:45.43 ROBERT BLAKE 69
5:47.25 ARTHUR WELCH 61	42.28 ROBERT BADGER 63	6:39.23 GEORGE BRUNSTAD 60	27:38.93 ROY HOCH 66

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Long Course Meters

27:57.61 GLYNN JONES 69	3:56.02 ROBERT METH 65	1:16.89 JOHN FLORANCE 71	1:40.74 JACK TRUBY 70
28:04.03 HARLAN DRAKE 66	50 M. FLY M E N 65-69	1:18.10 JURGEN SCHMIDT 71	1:41.37 GERALD HUESTIS 74
28:15.77 TED HAARTZ 66	33.39 FRANK PIEMME 90	1:19.30 DONALD AGATE 73	1:42.47 CECIL EARL WALTER 73
29:18.20 ALAN MALONEY 65	34.59 FRANK PIEMME 69	1:20.29 JOHN WOODS 70	1:43.40 JAMES EDWARDS 71
29:56.52 R.BRIESEMEISTER 69	35.17 WINTHROP WILSON 67	1:20.93 FRANK GRANNIS 70	1:44.80 BOB MERRICK 74
50 M. BACK M E N 65-69	35.39 JOE KURTZMAN 68	1:22.42 JACK TRUBY 70	1:45.37 WAYNE SHADBOLT 70
35.47 GEORGE GANDSEY 89	35.68 PAUL HUTINGER 69	1:22.50 RICHARD LOIZEAUX 74	200 M. BACK M E N 70-74
37.20 PAUL HUTINGER 69	36.51 LENROD GOLDSTONE 65	1:22.54 WAYNE SHADBOLT 70	3:13.25 RAY TAFT 89
37.70 PETER VAN DIJK 65	36.53 KEITH CARTER 69	1:23.35 BOB MERRICK 74	3:23.75 RAYMOND TAFT 74
39.00 WILLIAM PECKHAM 65	36.59 AARON KURTZMAN 65	1:24.95 LOUIS GIBERSON 73	3:27.01 ROGERS HOLMES 72
39.56 ROGER FRANKS 67	37.17 WILLIAM IRWIN 66	200 M. FREE M E N 70-74	3:29.72 GEORGE GANDSEY 70
41.06 RALPH PERRY 67	37.61 STAN PRAZER 66	2:44.86 KELLEY LEMMON 83	3:39.86 JACK TRUBY 70
41.23 FRANK PIEMME 69	38.49 DICK WEBBER 65	2:56.44 ARTUR KOBLISH 70	3:41.65 JAMES EDWARDS 71
42.37 DALE WEBSTER 68	100 M. FLY M E N 65-69	2:59.78 JURGEN SCHMIDT 71	3:41.86 GEORGE BRINTON 70
42.43 RALPH COXHEAD 65	1:20.59 JOSEPH KURTZMAN 92	3:07.34 JOHN FLORANCE 71	3:44.62 GERALD HUESTIS 74
42.72 WILLIAM HAYNES 68	1:20.90 CHARLES MOSS 66	3:07.65 JOHN WOODS 70	3:45.45 JOHN WOODS 70
42.78 TED HAARTZ 66	1:23.04 WINTHROP WILSON 67	3:07.78 FRED TAIOLI 73	3:47.76 CECIL EARL WALTER 73
100 M. BACK M E N 65-69	1:24.97 JOSEPH KURTZMAN 68	3:09.19 WAYNE SHADBOLT 70	3:53.30 NORMAN GARSOE 70
1:20.74 ROGER FRANKS 92	1:28.73 LENROD GOLDSTONE 65	3:10.53 JAMES EDWARDS 71	50 M. BRST M E N 70-74
1:23.44 ROGER FRANKS 67	1:33.54 KEITH CARTER 69	3:11.61 GILBERT YOUNG 72	41.44 BENNETT ALLEN 84
1:24.93 PAUL HUTINGER 69	1:35.12 AARON KURTZMAN 65	3:12.24 FRANK GRANNIS 70	41.54 BARTON GREENBERG 70
1:25.30 PETER VANDIJK 65	1:45.74 LUMAN SUTTON 67	3:13.19 BOB MERRICK 74	44.23 TOM DOWELL 72
1:25.90 CHARLES MOSS 66	1:47.43 ROBERT CUNNINGHAM 66	400 M. FREE M E N 70-74	45.49 NORMAN GARSOE 70
1:30.81 HORACE KNOWLTON 65	1:47.56 ROGER FRANKS 67	6:04.62 RAY TAFT 89	45.55 ABRASHA BRAININ 71
1:32.41 WILLIAM HAYNES 68	1:52.43 DONALD HUBBARD 67	6:23.33 ARTUR KOBLISH 70	47.58 ROBERT BRUNO 70
1:33.97 DALE WEBSTER 68	200 M. FLY M E N 65-69	6:26.73 JURGEN SCHMIDT 71	47.67 BOB MORRISON 73
1:34.37 BOB WHITE 67	3:08.79 JOSEPH KURTZMAN 91	6:43.07 GILBERT YOUNG 72	47.93 BOB MERRICK 74
1:35.53 LUMAN SUTTON 67	3:10.61 CHARLES MOSS 66	6:44.07 WILLIAM BLANCHARD 71	48.04 JOHN STERN 70
1:36.25 RALPH PERRY 67	3:22.03 LENROD GOLDSTONE 65	6:46.13 FRED TAIOLI 73	48.25 JOHN FLORANCE 71
200 M. BACK M E N 65-69	3:22.83 JOSEPH KURTZMAN 68	6:50.11 WAYNE SHADBOLT 70	48.44 W.HOGENMILLER 70
2:55.46 ROGER FRANKS 92	3:48.29 KEITH CARTER 69	6:51.51 JIM EDWARDS 71	100 M. BRST M E N 70-74
2:58.49 ROGER FRANKS 67	4:00.45 AARON KURTZMAN 65	6:52.47 JOHN WOODS 70	1:33.20 BENNETT ALLEN 84
3:11.62 PAUL HUTINGER 69	4:02.06 EDUARD SCHANER 65	7:00.71 RICHARD SMITH 74	1:33.93 BARTON GREENBERG 70
3:23.90 WILLIAM HAYNES 68	4:04.48 ROGER FRANKS 67	7:06.99 JAMES WILLIAMSON 70	1:45.30 NORMAN GARSOE 70
3:25.69 RALPH PERRY 67	4:18.59 ROBERT CUNNINGHAM 66	800 M. FREE M E N 70-74	1:45.79 BOB MERRICK 74
3:25.93 LUMAN SUTTON 67	4:37.86 FRED ECKHARDT 68	12:36.65 FRED TAIOLI 91	1:46.28 ABRASHA BRAININ 71
3:28.68 RALPH COXHEAD 65	4:43.61 WARREN FOSTER 69	13:28.91 JURGEN SCHMIDT 71	1:52.75 TOM DOWELL 72
3:29.01 DALE WEBSTER 68	200 M. I.M. M E N 65-69	13:51.99 JAMES EDWARDS 71	1:52.85 JOHN STERN 70
3:30.96 TED HAARTZ 66	2:57.61 CHARLES MOSS 93	13:52.32 FRED TAIOLI 73	1:53.40 RAYMOND HAKOMAKI 73
3:35.10 WIN WILSON 67	3:00.43 CHARLES MOSS 66	14:06.24 WAYNE SHADBOLT 70	1:55.13 ROBERT BRUNO 71
3:36.12 FRANK PIEMME 69	3:13.28 LENROD GOLDSTONE 65	14:25.98 GIL YOUNG 72	1:55.22 JAMES WILLIAMSON 70
50 M. BRST M E N 65-69	3:15.60 FRANK PIEMME 69	14:37.56 RICHARD SMITH 74	1:56.68 BALINT PAPP 72
38.28 JOSEPH KURTZMAN 91	3:20.30 PAUL HUTINGER 69	14:51.71 BOB MERRICK 74	200 M. BRST M E N 70-74
38.98 CHARLES MOSS 66	3:23.96 LUMAN SUTTON 67	15:01.21 JAMES WILLIAMSON 70	3:32.90 ALDO DA ROSA 88
39.78 JOSEPH KURTZMAN 68	3:25.75 WILLIAM IRWIN 66	15:07.05 ELLIOTT SCHOFIELD 71	3:35.92 BARTON GREENBERG 70
40.64 AARON KURTZMAN 65	3:28.13 WILLIAM PHILLIPS 66	16:52.91 LOUIS GIBERSON 73	3:53.14 NORMAN GARSOE 70
41.29 TED HAARTZ 66	3:34.20 ROBERT CUNNINGHAM 66	1500 M. FREE M E N 70-74	4:03.08 ABRASHA BRAININ 71
42.41 FRANK PIEMME 69	3:34.78 ROGER FRANKS 67	24:28.27 FRED TAIOLI 91	4:12.90 TOM MC CALL 71
42.69 PAUL HUTINGER 69	3:35.35 TED HAARTZ 66	25:45.22 JURGEN SCHMIDT 71	4:15.80 RAYMOND HAKOMAKI 73
42.88 CHESTER WERSHILA 66	400 M. I.M. M E N 65-69	26:10.50 RAYMOND TAFT 74	4:16.09 W.HOGENMILLER 70
42.94 WILLIAM IRWIN 66	6:25.02 CHARLES MOSS 93	26:32.23 FRED TAIOLI 73	4:16.36 BALINT PAPP 72
43.55 ROBERT CUNNINGHAM 66	6:33.19 CHARLES MOSS 66	27:05.86 GILBERT YOUNG 72	4:17.73 JOHN STERN 70
43.93 GEORGE MCVEY 67	6:47.00 LENROD GOLDSTONE 65	27:48.34 RICHARD SMITH 74	4:23.61 EARL WALTER 73
100 M. BRST M E N 65-69	6:51.04 ROGER FRANKS 67	29:12.45 DAN MILES 73	4:25.37 KHOSROW SHADBEH 72
1:28.91 JOSEPH KURTZMAN 91	7:31.21 LUMAN SUTTON 67	33:49.99 TONY VITALE 72	50 M. FLY M E N 70-74
1:30.20 CHARLES MOSS 66	7:32.60 ROBERT CUNNINGHAM 66	33:55.28 VLADIMIR OUCHAKOF 70	35.65 RAY TAFT 89
1:33.07 AARON KURTZMAN 65	7:50.23 KEITH CARTER 69	34:26.00 JOHN CRANCH 72	37.56 JURGEN SCHMIDT 71
1:34.67 JOSEPH KURTZMAN 68	8:13.34 JOHN DAILY 66	36:36.00 FRED ROGERS 71	39.24 ROGERS HOLMES 72
1:37.61 TED HAARTZ 66	8:22.69 DOUG STRONG 69	50 M. BACK M E N 70-74	40.79 JOHN FLORANCE 71
1:37.99 PAUL HUTINGER 69	8:22.96 EDUARD SCHANER 65	37.49 RAY TAFT 89	43.12 GEORGE BRINTON 70
1:38.34 GEORGE MCVEY 67	9:02.81 GLYNN JONES 69	39.99 RAYMOND TAFT 74	43.37 FRANK GRANNIS 70
1:39.38 MORRIS MATHEWS 67	*****	40.65 GEORGE GANDSEY 70	43.94 JOHN STERN 70
1:39.67 ROBERT CUNNINGHAM 66	50 M. FREE M E N 70-74	41.69 GEORGE BRINTON 70	46.15 LOUIS GIBERSON 73
1:42.28 AUGUST MOTMANS 66	29.35 KELLEY LEMMON 84	41.70 DONALD AGATE 73	46.64 JOHN WOODS 70
1:42.41 WILLIAM IRWIN 66	31.94 JOHN FLORANCE 71	41.72 ROGERS HOLMES 72	48.08 ABRASHA BRAININ 71
200 M. BRST M E N 65-69	33.02 JURGEN SCHMIDT 71	42.47 JOHN WOODS 70	48.22 ROBERT WRIGHT 73
3:24.00 BARTON GREENBERG 91	33.04 DONALD AGATE 73	43.11 JACK TRUBY 70	100 M. FLY M E N 70-74
3:33.65 TED HAARTZ 66	33.56 ROGERS HOLMES 72	44.11 GERALD HUESTIS 74	1:32.85 ANDREW HOLDEN 90
3:36.66 AARON KURTZMAN 65	34.18 JOHN WOODS 70	45.17 RICHARD AVERY 71	1:41.45 ARTUR KOBLISH 70
3:38.92 PAUL HUTINGER 69	34.88 RICHARD LOIZEAUX 74	45.65 EARL WALTER 73	1:47.54 FRANK GRANNIS 70
3:39.17 ROBERT CUNNINGHAM 66	34.95 RICHARD KENNEDY 73	100 M. BACK M E N 70-74	1:52.39 CECIL EARL WALTER 73
3:41.57 GEORGE MCVEY 66	35.28 ROBERT PERRY 71	1:25.35 RAY TAFT 89	1:52.81 BALINT PAPP 72
3:43.26 AUGUST MOTMANS 66	35.63 FRANK PILCH 70	1:31.89 GEORGE GANDSEY 70	1:54.86 RICHARD SMITH 74
3:44.05 ALAN MALONEY 65	35.96 LOUIS GIBERSON 73	1:32.32 GEORGE BRINTON 70	2:02.05 CLARENCE WEBB 71
3:51.12 JOE KURTZMAN 68	100 M. FREE M E N 70-74	1:32.78 RAYMOND TAFT 74	2:05.82 JOHN BRICKER 74
3:54.45 ROGER FRANKS 67	1:11.61 KELLEY LEMMON 83	1:38.09 JOHN WOODS 70	2:14.08 ALEX MCINTOSH 70

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Long Course Meters

2:19.41 HERMAN FOREST 73	7:17.01 DICK GUIDO 77	54.18 JERRY SIEFERT 76	7:41.10 BIRCH DAVIDSON 75
2:25.27 VLADIMIR OUCHAKOF 70	7:20.96 EDWARD MORAN 76	54.63 DONALD GINGRAS 75	7:58.89 ANTON CERER 77
200 M. FLY M E N 70-74	7:27.10 GUS CLEMENS 76	57.39 EMIL DAESCHNER 76	8:16.18 NORRIS FLUKE 77
3:39.04 ANDREW HOLDEN 90	7:30.39 LYNN SURLS 77	100 M. BRST M E N 75-79	8:47.81 DAVID MULLIKEN 75
3:50.82 ARTUR KOBLISH 70	7:33.55 RICHARD LOIZEAUX 75	1:39.62 ALDO DA ROSA 93	9:00.39 E.DON MCCULLOUGH 78
5:31.32 VAL OUCHAKOF 70	7:38.54 ROBERT JOHNSTON 77	1:41.04 ALDO DA ROSA 76	9:42.50 NELSON OTIS 78
5:57.59 HERMAN FOREST 73	7:43.33 FRANK MURPHY 76	1:47.97 PAUL KRUP 76	9:50.76 JOHN JOHNSTON 78
6:28.54 JAY CHARLES 71	800 M. FREE M E N 75-79	1:48.94 ANTON CERER 77	9:51.81 CLIFF CROOME 77
7:47.39 T.R. JOHNSON 71	13:07.66 RAY TAFT 94	1:53.87 E.DON MCCULLOUGH 78	*****
8:06.96 ROBERT HALL 72	13:07.66 RAYMOND TAFT 75	1:54.79 JERRY EVERALL 79	50 M. FREE M E N 80-84
200 M. I.M. M E N 70-74	13:46.15 ALDO DA ROSA 76	2:01.11 BUD JACKSON 75	33.88 WOODROW BOWERSOCK93
3:11.42 RAY TAFT 89	14:14.22 DAVID MULLIKEN 75	2:09.27 ROBERT JOHNSTON 77	34.46 WOODROW BOWERSOCK 81
3:23.28 RAYMOND TAFT 74	14:56.99 DICK GUIDO 77	2:14.92 JOHN JOHNSTON 78	38.14 EDWARD NAKAMURA 80
3:29.05 JURGEN SCHMIDT 71	15:10.27 NORRIS FLUKE 77	2:19.69 EMIL DAESCHNER 76	38.55 DEXTER WOODFORD 80
3:35.84 ARTUR KOBLISH 70	15:18.48 ROBERT JOHNSTON 77	2:35.54 F.H. TILLOTSON 79	39.76 WILLIAM GRANT 80
3:45.76 EARL WALTER 73	15:22.46 PETE OKUMOTO 78	200 M. BRST M E N 75-79	41.00 GERSON SOBEL 84
3:46.12 BOB MERRICK 74	15:43.02 BUD JACKSON 75	3:42.85 ALDO DA ROSA 94	42.69 GENE CROSSETT 80
3:50.35 BALINT PAPP 72	15:58.57 GEORGE RAFTER 77	3:42.85 ALDO DA ROSA 76	44.03 DAVE MALBROUGH 81
3:53.10 DAN MILES 73	16:02.23 RICHARD LOIZEAUX 75	3:57.91 ANTON CERER 77	44.84 JACK MATTINGLY 80
3:54.45 RICHARD SMITH 74	1500 M. FREE M E N 75-79	3:58.85 DON MCCULLOUGH 78	45.47 DAVID MCAFEE 84
4:04.81 NORMAN GARSOE 70	25:41.55 HERBERT HOWE 87	4:01.60 PAUL KRUP 76	45.84 ALLAN SACHS 81
4:05.12 CLARENCE WEBB 71	26:09.53 ALDO DA ROSA 76	4:15.95 JERRY EVERALL 79	100 M. FREE M E N 80-84
400 M. I.M. M E N 70-74	26:45.36 DAVID MULLIKEN 75	4:21.29 BUD JACKSON 75	1:22.50 WOODROW BOWERSOCK93
6:59.24 RAY TAFT 89	28:48.81 NORRIS FLUKE 77	4:39.66 DAVID MULLIKEN 75	1:26.59 DEXTER WOODFORD 80
7:28.56 RAYMOND TAFT 74	30:11.25 FRANK MURPHY 76	4:46.30 JOHN BROUK 77	1:28.59 EDWARD NAKAMURA 80
7:47.79 ARTUR KOBLISH 70	31:23.09 JOHN WOODS 76	4:47.62 NELSON OTIS 78	1:29.78 WOODROW BOWERSOCK 81
8:00.36 GERALD HUESTIS 74	31:43.50 BUD JACKSON 75	4:58.32 JOHN JOHNSTON 78	1:40.80 GERSON SOBEL 84
8:27.59 RICHARD SMITH 74	32:58.31 JOHN JOHNSTON 78	50 M. FLY M E N 75-79	1:41.71 JACK MATTINGLY 80
8:33.68 BALINT PAPP 72	34:11.22 DICK LYMAN 75	37.57 RAY TAFT 94	1:42.39 JOHN GLENN 83
8:36.87 CECIL EARL WALTER 73	35:06.26 HERMAN BECKER 76	37.57 RAYMOND TAFT 75	1:43.05 GENE CROSSETT 80
9:47.27 ALEX MCINTOSH 70	38:45.62 HENRY SHOSTCHUK 76	40.44 BIRCH DAVIDSON 75	1:44.33 WILLIAM GRANT 80
10:18.55 VLADIMIR OUCHAKOF 70	50 M. BACK M E N 75-79	40.72 ANDREW HOLDEN 75	1:46.14 DAVID MCAFEE 84
10:56.92 HERMAN FOREST 73	39.49 RAY TAFT 94	43.06 PAUL KRUP 76	1:47.79 BERT KASSELL 81
10:59.32 FRANK SCHURR 72	39.49 RAY TAFT 75	46.08 ROBERT KNAPP 77	200 M. FREE M E N 80-84
*****	43.29 ALDO DA ROSA 76	47.65 ALDO DA ROSA 76	3:21.59 DEXTER WOODFORD 94
50 M. FREE M E N 75-79	43.65 ANDREW HOLDEN 75	47.87 WILLIAM JOHNSTON 75	3:21.59 DEXTER WOODFORD 80
32.50 LYLE COLLET 83	44.41 EDWARD JOHNSON 76	49.16 GEORGE RAFTER 77	3:26.05 EDWARD NAKAMURA 80
33.42 RAYMOND TAFT 75	44.48 EDWARD SHEA 79	50.46 EDWIN WOLPAW 79	3:44.36 GERSON SOBEL 84
34.07 ANDREW HOLDEN 75	45.77 WILLIAM ROWE 78	52.20 ANGY JAMES 75	3:51.90 GENE CROSSETT 80
34.99 RICHARD LOIZEAUX 75	46.08 NORRIS FLUKE 77	100 M. FLY M E N 75-79	3:52.10 WOODROW BOWERSOCK 81
35.99 LYNN SURLS 77	46.55 BEANS YAMAMOTO 77	1:39.80 ANTON CERER 92	4:00.11 JACK MATTINGLY 80
36.55 WILLIAM JOHNSTON 75	46.75 BRION WINSHIP 76	1:44.19 ANTON CERER 77	4:01.41 WILLIAM GRANT 80
36.63 ALDO DA ROSA 76	46.86 EDWARD MORAN 76	1:46.20 PAUL KRUP 76	4:04.04 DAVID MCAFEE 84
36.66 JERRY SIEFERT 76	100 M. BACK M E N 75-79	1:49.92 RAY TAFT 75	4:12.40 FRED WALBOLT 81
36.99 PETE OKUMOTO 78	1:30.11 RAY TAFT 94	1:54.32 ALDO DA ROSA 76	4:37.09 JAMES MITCHELL 81
37.27 GUS CLEMENS 76	1:30.11 RAY TAFT 75	2:06.31 WILLIAM JOHNSTON 76	400 M. FREE M E N 80-84
37.39 ROBERT KNAPP 77	1:40.27 NORRIS FLUKE 77	2:08.66 DAVID MULLIKEN 75	7:23.09 GUS LANGNER 83
100 M. FREE M E N 75-79	1:41.28 EDWARD SHEA 79	2:11.21 GEORGE RAFTER 78	7:25.88 DEXTER WOODFORD 80
1:14.86 KELLEY LEMMON 87	1:41.81 ALDO DA ROSA 76	2:13.95 ROBERT KNAPP 77	7:43.18 EDWARD NAKAMURA 80
1:16.07 RAY TAFT 75	1:46.55 BRION WINSHIP 76	2:34.03 JOHN JOHNSTON 78	8:19.39 WOODROW BOWERSOCK 81
1:21.75 RICHARD LOIZEAUX 75	1:47.16 EDWARD MORAN 76	200 M. FLY M E N 75-79	8:19.72 GENE CROSSETT 80
1:23.71 ALDO DA ROSA 76	1:48.40 EDWARD JOHNSON 76	3:43.56 ANTON CERER 92	8:31.89 DAVE MALBROUGH 81
1:24.32 BIRCH DAVIDSON 75	1:50.39 BEANS YAMAMOTO 77	4:08.10 PAUL KRUP 76	8:36.43 DAVID MCAFEE 84
1:24.74 LYNN SURLS 77	1:51.30 WILLIAM ROWE 78	4:18.20 ALDO DA ROSA 76	8:55.10 FRED WALBOLT 81
1:24.84 PETE OKUMOTO 78	1:53.23 DICK GUIDO 77	4:36.49 DON MCCULLOUGH 78	9:04.18 WILLIAM GRANT 80
1:26.88 GUS CLEMENS 76	200 M. BACK M E N 75-79	4:55.57 ANTON CERER 77	9:32.62 JAMES MITCHELL 81
1:28.14 JERRY SIEFERT 76	3:15.43 RAY TAFT 94	5:14.22 WILLIAM JOHNSTON 75	10:10.06 LEN BRISCO 82
1:30.22 FRANK MURPHY 76	3:15.43 RAY TAFT 75	5:17.20 JOHN JOHNSTON 78	800 M. FREE M E N 80-84
1:30.97 NORRIS FLUKE 77	3:34.16 ALDO DA ROSA 76	7:02.27 CLIFF CROOME 77	15:45.20 DEXTER WOODFORD 94
200 M. FREE M E N 75-79	3:39.92 EDWARD SHEA 79	7:56.35 MEL ANDERSON 76	15:45.20 DEXTER WOODFORD 80
2:53.73 KELLEY LEMMON 87	3:40.61 NORRIS FLUKE 77	200 M. I.M. M E N 75-79	15:52.96 EDWARD NAKAMURA 80
2:55.80 RAY TAFT 75	3:54.68 EDWARD MORAN 76	3:24.88 RAY TAFT 94	16:11.71 WALTER PFEIFFER 80
3:05.91 ALDO DA ROSA 76	3:59.66 WILLIAM ROWE 78	3:24.88 RAYMOND TAFT 75	18:15.12 DAVID MCAFEE 84
3:09.37 BIRCH DAVIDSON 75	4:05.09 BRION WINSHIP 76	3:39.02 ALDO DA ROSA 76	18:19.56 WOODROW BOWERSOCK 81
3:14.19 PETE OKUMOTO 78	4:09.68 DICK GUIDO 77	3:40.32 BIRCH DAVIDSON 75	18:20.14 GENE CROSSETT 80
3:22.07 FRANK MURPHY 76	4:19.54 CLIFF CROOME 77	3:41.94 ANTON CERER 77	19:37.37 JAMES MITCHELL 82
3:23.38 RICHARD LOIZEAUX 75	4:22.34 JOHN HAAKE 75	3:58.99 PAUL KRUP 76	21:52.86 LEN BRISCO 82
3:24.21 NORRIS FLUKE 77	50 M. BRST M E N 75-79	4:02.67 NORRIS FLUKE 77	22:25.15 RICHARD KANE 82
3:24.48 EDWARD MORAN 76	43.61 BENNETT ALLEN 89	4:08.56 DAVID MULLIKEN 75	23:50.26 CLARENCE HAMILTON 81
3:26.66 GUS CLEMENS 76	45.06 ALDO DA ROSA 76	4:12.15 JERRY SIEFERT 76	1500 M. FREE M E N 80-84
3:28.05 DICK GUIDO 77	45.06 PAUL KRUP 76	4:15.25 GEORGE RAFTER 77	28:54.95 GUS LANGNER 83
400 M. FREE M E N 75-79	49.06 E.DON MCCULLOUGH 78	4:18.45 DICK GUIDO 76	29:59.93 DEXTER WOODFORD 80
6:20.87 RAY TAFT 94	50.44 JERRY EVERALL 79	400 M. I.M. M E N 75-79	33:56.96 GENE CROSSETT 80
6:20.87 RAY TAFT 75	52.78 EDWIN WOLPAW 79	7:22.43 RAY TAFT 94	35:19.37 FRED WALBOLT 81
6:31.18 ALDO DA ROSA 76	53.21 JOPPAUL STEINER 78	7:22.43 RAY TAFT 75	37:46.33 JOE IRVINE 83
7:13.26 PETE OKUMOTO 78	53.25 WALTER WELLS 76	7:32.92 ALDO DA ROSA 76	50 M. BACK M E N 80-84

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Long Course Meters

45.69 ART HARGRAVE 87	57.38 WOODROW BOWERSOCK 81	NO SWIMMERS	NO SWIMMERS
48.93 DAVID MALBROUGH 81	57.39 JACK MATTINGLY 80	1500 M. FREE M E N 85-89	50 M. BACK M E N 90-94
52.80 JIM TRIOLO 80	1:13.43 DON ERION 80	33:08.42 GUS LANGNER 89	1:10.27 AL KALLUNKI 94
53.47 WILLIAM GRANT 80	1:15.84 ELMER PIERCE 80	NO SWIMMERS	1:10.27 A.KALLUNKI 90
53.55 WOODROW BOWERSOCK 81	1:24.28 RICHARD KANE 82	50 M. BACK M E N 85-89	100 M. BACK M E N 90-94
54.62 DON ERION 80	1:33.59 GEORGE WHITE 80	58.07 JIM PENFIELD 93	2:56.58 AL KALLUNKI 94
58.73 JACK MATTINGLY 80	2:06.70 HENRY STEINBISS 81	1:02.64 JIM PENFIELD 86	2:56.58 A.KALLUNKI 90
59.44 JOHN GLENN 83	2:33.58 JACK MATTINGLY 80	1:06.54 C.SUNDERLAND 85	200 M. BACK M E N 90-94
1:02.07 JOE IRVINE 83	1:58.99 WALTER PFEIFFER 94	1:10.59 PETER JURCZYK 88	7:18.52 GUS LANGNER 93
1:02.11 GEORGE BATKI 82	1:58.99 WALTER PFEIFFER 80	1:13.03 JOE KAUFMAN 89	NO SWIMMERS
1:03.40 ELMER PIERCE 80	2:20.50 WILLIAM GRANT 80	1:15.22 DON NEEFE 86	50 M. BRST M E N 90-94
100 M. BACK M E N 80-84	2:35.58 JACK MATTINGLY 80	1:16.07 AL KALLUNKI 89	1:18.31 GUS LANGNER 93
1:45.81 DAVE MALBROUGH 93	2:36.93 JESSE COON 83	1:29.08 HARRY JAGGERS 87	1:21.44 A.KALLUNKI 90
1:54.45 DAVE MALBROUGH 81	3:15.34 CLARENCE HAMILTON 81	1:34.38 ED MACKAY 85	1:29.63 JOSEPH REINERS 91
2:05.20 WOODROW BOWERSOCK 81	4:08.98 RICHARD KANE 82	1:54.74 JAMES GREENWOOD 85	100 M. BRST M E N 90-94
2:11.76 DON ERION 80	200 M. FLY M E N 80-84	100 M. BACK M E N 85-89	3:09.64 GUS LANGNER 93
2:11.99 WILLIAM GRANT 80	4:31.96 WALTER PFEIFFER 94	2:07.06 JIM PENFIELD 93	3:12.33 A.KALLUNKI 90
2:22.82 GEORGE MARTIN 83	4:31.96 WALTER PFEIFFER 80	2:40.00 PETER JURCZYK 88	3:20.02 GUS LANGNER 90
2:25.33 ROY ERLANDSON 81	6:22.39 JESSE COON 83	2:42.09 JOE KAUFMAN 89	200 M. BRST M E N 90-94
2:25.83 JOHN GLENN 83	6:50.65 CLARENCE HAMILTON 81	2:52.36 DON NEEFE 85	6:24.54 GUS LANGNER 93
2:28.13 JAMES MITCHELL 82	9:40.63 RICHARD KANE 82	3:21.21 AL KALLUNKI 89	7:03.94 GUS LANGNER 90
2:32.47 DAVID MCAFEE 84	200 M. I.M. M E N 80-84	200 M. BACK M E N 85-89	*****
2:44.19 GEORGE BATKI 82	4:01.29 WALTER PFEIFFER 94	4:43.49 JIM PENFIELD 93	50 M. FREE M E N 95-99
200 M. BACK M E N 80-84	4:01.29 WALTER PFEIFFER 80	5:09.39 JIM PENFIELD 86	1:20.52 TOM LANE 89
3:58.25 CHARLES SALIE 92	4:38.15 JACK MATTINGLY 80	5:39.87 JOE KAUFMAN 89	NO SWIMMERS
4:20.11 DAVE MALBROUGH 81	4:48.82 WILLIAM GRANT 80	5:42.91 PETER JURCZYK 88	100 M. FREE M E N 95-99
4:21.00 JIM TRIOLO 80	4:53.12 WOODROW BOWERSOCK 81	6:15.64 DON NEEFE 86	3:30.59 TOM LANE 92
4:42.15 WOODROW BOWERSOCK 81	5:30.25 JESSE COON 83	50 M. BRST M E N 85-89	NO SWIMMERS
4:51.03 WILLIAM GRANT 80	5:35.80 ELMER PIERCE 80	1:01.47 AL KALLUNKI 89	50 M. BACK M E N 95-99
5:14.72 ROY ERLANDSON 80	7:17.50 RICHARD KANE 83	1:04.55 JIM PENFIELD 86	1:18.91 TOM LANE 89
5:18.87 JAMES MITCHELL 82	8:19.83 HENRY STEINBISS 81	1:13.61 AL KALLUNKI 89	NO SWIMMERS
5:29.49 ELMER PIERCE 80	400 M. I.M. M E N 80-84	1:37.47 ED MACKAY 85	100 M. BACK M E N 95-99
5:34.51 JOHN GLENN 83	8:45.17 WALTER PFEIFFER 94	1:55.34 HAROLD HOFFMANN 86	3:19.14 TOM LANE 92
5:46.45 GEORGE BATKI 82	8:45.17 WALTER PFEIFFER 80	2:21.66 DON NEEFE 86	NO SWIMMERS
6:10.82 FRED WALBOLT 81	11:07.32 WILLIAM GRANT 80	100 M. BRST M E N 85-89	50 M. BRST M E N 95-99
50 M. BRST M E N 80-84	11:22.22 JESSE COON 83	2:23.06 JIM PENFIELD 93	2:03.52 TOM LANE 89
46.99 BENNETT ALLEN 94	13:16.38 CLARENCE HAMILTON 81	2:36.33 JIM PENFIELD 86	NO SWIMMERS
46.99 BENNETT ALLEN 80	15:33.90 RICHARD KANE 82	4:06.34 ED MACKAY 85	*****
53.12 JACK MATTINGLY 80	*****	200 M. BRST M E N 85-89	50 M. FREE M E N 100-104
55.78 WALTER PFEIFFER 80	50 M. FREE M E N 85-89	5:35.03 AL KALLUNKI 89	1:40.46 TOM LANE 94
1:00.31 DON ERION 80	42.09 FRANK BRASINGTON 93	NO SWIMMERS	1:40.46 TOM LANE 100
1:00.68 WILLIAM GRANT 80	46.17 C.SUNDERLAND 85	50 M. FLY M E N 85-89	3:22.65 EDWIN THOMAS 101
1:01.54 GEORGE BATKI 82	46.61 FRANK BRASINGTON 86	1:04.95 JIM PENFIELD 93	100 M. FREE M E N 100-104
1:04.21 WOODROW BOWERSOCK 81	47.75 TEX ROBERTSON 85	NO SWIMMERS	4:05.98 TOM LANE 94
1:06.41 GEORGE POLLOCK 80	54.39 CHARLES WOOD 86	100 M. FLY M E N 85-89	4:05.98 TOM LANE 100
1:12.19 JOHN GLENN 83	58.21 DON NEEFE 85	3:23.06 ABE OLANOFF 91	50 M. BACK M E N 100-104
1:12.42 LARRY HART 82	58.55 PETER JURCZYK 88	NO SWIMMERS	1:50.73 TOM LANE 94
100 M. BRST M E N 80-84	58.87 JOE KAUFMAN 89	200 M. I.M. M E N 85-89	1:50.73 TOM LANE 100
1:52.21 BENNETT ALLEN 94	1:08.96 HAROLD HOFFMANN 86	5:32.99 JIM PENFIELD 93	100 M. BACK M E N 100-104
1:52.21 BENNETT ALLEN 80	1:10.09 AL KALLUNKI 89	NO SWIMMERS	4:13.84 TOM LANE 94
2:06.44 WALTER PFEIFFER 80	1:12.41 ED MACKAY 85	400 M. I.M. M E N 85-89	4:13.84 TOM LANE 100
2:07.30 JACK MATTINGLY 80	100 M. FREE M E N 85-89	12:27.27 ABE OLANOFF 91	200 M. BACK M E N 100-104
2:20.16 WILLIAM GRANT 80	1:43.03 GUS LANGNER 88	NO SWIMMERS	9:04.31 TOM LANE 94
2:27.80 CLARENCE HAMILTON 81	1:51.86 C.SUNDERLAND 85	*****	9:04.31 TOM LANE 100
2:37.70 ELMER PIERCE 80	1:53.37 TEX ROBERTSON 85	50 M. FREE M E N 90-94	*****
2:48.50 LARRY HART 82	2:03.03 FRANK BRASINGTON 86	48.70 GUS LANGNER 93	
2:49.28 GEORGE BATKI 82	2:08.54 CHARLES WOOD 86	56.82 JOSEPH REINERS 92	
2:50.18 GEORGE BAUMAN 80	2:18.97 PETER JURCZYK 88	58.61 GUS LANGNER 90	
2:56.86 GEORGE WHITE 80	2:20.28 JOE KAUFMAN 89	1:05.55 A.KALLUNKI 90	
200 M. BRST M E N 80-84	2:33.01 DON NEEFE 86	100 M. FREE M E N 90-94	
4:17.62 WALTER PFEIFFER 94	2:51.24 HAROLD HOFFMANN 86	1:57.91 GUS LANGNER 93	
4:17.62 WALTER PFEIFFER 80	3:01.82 AL KALLUNKI 89	2:20.29 JOSEPH REINERS 91	
5:04.93 WILLIAM GRANT 80	200 M. FREE M E N 85-89	2:23.53 GUS LANGNER 90	
5:25.81 CLARENCE HAMILTON 81	3:48.91 GUS LANGNER 88	2:44.27 A.KALLUNKI 90	
6:17.05 LARRY HART 82	4:24.91 TEX ROBERTSON 85	200 M. FREE M E N 90-94	
6:21.41 GEORGE BAUMAN 80	4:32.81 CHARLES WOOD 86	4:28.34 GUS LANGNER 93	
6:25.47 GEORGE BATKI 82	5:07.81 JOE KAUFMAN 89	5:33.70 GUS LANGNER 90	
6:42.66 EVERETT CASSELL 81	6:06.76 DON NEEFE 86	6:08.34 A.KALLUNKI 90	
6:49.88 GEORGE POLLOCK 80	6:46.71 HAROLD HOFFMANN 86	400 M. FREE M E N 90-94	
6:53.74 JOHN GLENN 83	400 M. FREE M E N 85-89	9:44.11 GUS LANGNER 93	
7:32.43 HENRY STEINBISS 81	8:14.50 GUS LANGNER 88	11:38.00 GUS LANGNER 90	
50 M. FLY M E N 80-84	9:12.90 TEX ROBERTSON 85	800 M. FREE M E N 90-94	
49.28 WALTER PFEIFFER 94	9:44.21 CHARLES WOOD 86	20:13.74 GUS LANGNER 93	
49.28 WALTER PFEIFFER 80	13:18.10 DON NEEFE 85	24:24.99 GUS LANGNER 90	
51.38 WILLIAM GRANT 80	800 M. FREE M E N 85-89	1500 M. FREE M E N 90-94	
56.95 JESSE COON 83	17:11.21 GUS LANGNER 88	36:47.02 GUS LANGNER 93	

TOP TEN

Long Course Meters

*****		DEE HAYNIE	39	DIANE CAYCE	38	KATE COLEMAN	51
RELAYS: WOMEN 200 M. FREE		JAMIE HAVENS	32	LINDA MCCOWEN	45	SUSAN ANSON	54
*****		ORLM	2:04.76	LISA BENNETT	38	RITA TIDWELL	46
76 - 99		HEATHER O'BRIEN	31	ST PETE	2:33.12	SUSAN GARFIN	51
R:UNIV SAN FRAN 92 1:59.29		DEBRA HANSON	30	LISA HUDAK	29		
CYNTHIA HINSHAW		J.L. VANDERMOLLEN	27	BARBARA ALLEN	61	240-279	
JANET HAUER		EILEEN HARTLE	33	ELAINE BROMWICH	51	R:NEW ENGLAND 94 2:25.83	
NATALIE EFFA		LAKESIDE MASTER	2:06.15	JAYNE LAMBKE	55	JENNIFER LUKER	
BRENDA WICKLUND		AMY POPE	34	PARRIS ISLAND	2:41.25	DIANE REED	
NIAGARA 2:08.30		PAM MARTIN	36	PAM DRAFTS	37	BILLIE BURRILL	
KELLY RELLINGER		SUSAN AUGUSTUS	27	CAROLYN RADCLIFFE	43	CLARA WALKER	
JACQUALI WRIGHT		MARY CHRIS CURL	37	VICKI TRACY	38	NEW ENGLAND	2:25.83
JACKIE HOLLER		NIAGARA MASTERS	2:09.26	MAUREEN KANE	47	JENNIFER LUKER	37
WENDY FINHERT		G.PFLUGHEBER-WELL	39	ST PETE	2:42.89	DIANE REED	63
VEN 2:09.11		CAROL PFLUGHEBER	41	BARBARA PRESCOTT	43	B.BURRILL	73
ROBYN GARLINGER		ELLEN PFLUGHEBER	36	NANCY KIERNAN	40	CLARA WALKER	68
NEIL REGAN		M.PFLUGHEBER	38	LESLIE TREAT	45	CONNECTICUT	2:48.69
TERI ELLIS		VMST	2:15.68	KAREN BEAULIEU	39	CHRISTIE SLIMAK	46
LARA FORMAN		WENDY KNICK	23	LAKESIDE MASTER	2:44.22	MARIAN BRENNER	63
ORLM 2:16.07		JEAN BENSON	37	DEBBIE UTZ	41	MARGIT JEBO	56
DANIELLE SIRBU		C.JAMERSON	34	JUDITH ELKIN	41	MARIE WICKLUND	80
CAROLINE GATTO		BETH GARDNER	29	LISA STEARNS	36	VIRGINIA	2:49.90
HEATHER PERRY		ST PETE	2:18.65	PATSY KAELEN	43	MARIE KELLEHER	81
JENNIFER HUGUS		JO ANN HARRELSON	38			JUDY DECKER	52
MINNESOTA 2:25.84		LISA HUDAK	29	200-239		BETSY DURRANT	52
AMY SCANLAN		PAM GEIGER	41	R:LOS ALTOS 94 2:08.96		JOHNNIE DETRICK	58
KIMBERLY KWIECIEN		SHERI PREDMORE	27	LAURA VAL		WALNUT CREEK	2:54.76
MICHELE HEMMING		ALH	2:19.12	SUSAN ROY		ANN PISCIOTTA	63
KRISTINE ROGGE		WENDY STONESIFER	35	DELLA SEHORN		JOAN ALEXANDER	62
		KERRI NAUFUL	37	CAROLYN BOAK		BETTY BARABASH	66
		SUSAN HUMMER	24	LOS ALTOS	2:08.96	J.DESBARATS	50
100-119		JAIMI LUMBERT	35	LAURA VAL	42	HOLMES LUMBER	3:00.39
R:OREGON 92 1:52.47		CRAW	2:19.23	SUSAN ROY	46	JEAN STERLING	57
SHANNON HERINGER		HELEN CANE	38	DELLA SEHORN	67	JUNE REYNOLDS	72
GRACIE GODDARD		KAREN BASH	31	CAROLYN BOAK	49	FLORENCE CARR	69
LEISSA MILLS		SUSAN BERG	34	DC MASTERS	2:14.46	E.J. BEATTIE	57
LINDA FINLEY		DENISE THOMPSON	22	SUSAN SKIFF	40	OSB	3:08.10
LAKESIDE MASTER		BEACH CLUB	2:19.58	RUTH BENNETT	47	PEGGY SANBORN	66
KIMBERLY BARON		KATIE EWEN	41	BARBARA ZAREMSKI	57	GRACE ALTUS	70
MEARA WATHEN		ANNE TESCHER	46	JAYNE BRUNER	60	MALCHIA OLSHAN	63
JULIE BIRNBAUM		ELLEN DUNNION	45	OREGON	2:32.46	RUTH BARR	71
SUZANNE HAWKINS		BECKY ESKIND	24	PETEY SMITH	70	NIAGARA	3:16.16
HSAM 2:23.30				NANCY HELGET	45	NAN SCHOEPPERLE	69
VICKI WEBSTER		160-199		SUZANNE RAGUE	44	MARY CLARE HANS	58
STACY JOHNSON		R:D. C. MASTERS 88 2:03.48		SANDI ROUSSEAU	46	JOYCE LINDLEY	57
LARA BIGLEY		JACKI HIRSTY		NEW ENGLAND	2:33.72	PATRICIA RANKIN	56
WENDE CAHA		NANCY KIRKENDALL		SUSAN MAGUIRE	45	WISCONSIN	3:17.73
OREGON 2:26.81		ANN SVANSON		AASJE CARON	52	BETTY KENDALL	74
KATHY ISAACS		SUE HARRINGTON		CAROL ADAMS	50	FRAN ZEUMER	74
K.MCALL		SAN DIEGO SWIM	2:05.12	MARIAN COAKLEY	56	GEORGIA CEMIRYS	67
M.MADDEN		JULIE BENJAMIN	28	ST PETE	2:34.59	DORIS KLITZKE	59
DEBORA HEIM		BETSY JORDAN	57	LISA ROSS	39	MICHIGAN	3:19.95
SANTA CLARA 2:27.11		BARBARA DUNBAR	45	J.G. PIPER	57	EDITH GLUSAC	75
ALISON BENKE		KARLYN PIPES	32	KATE KNIGHT-PERRY	59	BEVERLY MYERS	59
CINDY BARONE		NEW ENGLAND	2:07.37	JAYNE LAMBKE	54	LOIS NOCHMAN	69
JEN MOORE		BELLA MARLOW	33	RALEIGH AREA	2:45.73	MARY WILLIAMS	62
ALMA GUIMARIN		LIZ MACBRIDE-MACK	35	SALLY NEWELL	56	HSAM	3:32.21
PARRIS ISLAND 2:27.67		TRACY GRILLI	37	DAWN STROUPE	56	JUDY TILARO	59
MARIA CHAPMAN		CLAIRE O'BRIEN	55	ALICE JONES	56	NANCY REED	67
TRACY SWOPE		LINCOLN MASTERS	2:07.70	CEIL BLACKWELL	53	ELFRIEDE LEHTO	61
LAURIE SPERRY		MOLLY DITTMANN	43	LINCOLN MASTERS	2:51.43	TRISH HUNTER	60
CINDY RILEY		IRENE DAVID	50	MARY POHLMANN	49		
		B.BENNETT	51	URSULA HARRIS	55	280-319	
120-159		CYNTHIA JONES	44	CLARA SOTAK	69	R:WALNUT CREEK 93 3:15.26	
R:LONE STAR 87 1:53.05		COLONIALS-1776	2:15.98	LYNNETTE GAZA	50	JEAN DURSTON	
MONICA BURK		STEPHANIE WALSH	45	ST PETE	3:16.72	SALLY JOY	
BRIGITTE HEUER		CHRIST SCHROEDER	45	MARY LOU LEE	53	JOAN ALEXANDER	
L. MORRISON-CASEY		BARBARA HOELLEN	51	GLADYS OLSEN	68	BETTY MCMILLAN	
JACKI HIRSTY		AMY GRACE	35	MARGIE HUTINGER	54	DC MASTERS	3:15.31
SAN DIEGO SWIM 1:53.79		NIAGARA	2:16.09	SANDY STEER	55	ANNE WALKER	78
KARLYN PIPES		DEBORAH LENNOX	39	RINCONADA	5:23.97	RUTH THORSEN	74
VICKY DAVIDSON		AMY JOHNSON	52	MARINANNE BREMS	45	NANCY CLARK	80
TRISH SOUBERT		MELISSA MALDOVAN	41	ANN KAY	60	BARBARA FRID	52
BETH KNIGHT		STACI CIFRANICK	32	BARBARA CALLISON	61	HOLMES LUMBER	3:17.48
SANTA CLARA 2:02.89		VIRGINIA	2:22.65	SUE KELLY	46	GERTRUD ZINT	76
THERESA HESSLER		NANCY MILLER	44	STRAWBERRY	6:14.12	J.GLARATON	67
KATRIN LAMMERS							

TOP TEN

Long Course Meters

FLORENCE CARR	69	SUSAN AUGUSTUS	27	LOS ALTOS	2:12.91	MARIAN COAKLEY	56
VICKEE SULLIVAN	77	JULIE BIRNBAUM	29	CHRIS BREEDY	34	ST PETE	2:54.71
WALNUT CREEK	3:18.31	OREG	2:44.14	SUSAN ROY	46	LISA ROSS	39
JAE HOWELL	71	KATHY ISAACS	26	LAURA VAL	42	J.G. PIPER	57
JOAN ALEXANDER	62	DEBORAH HEIM	25	CAROLYN BOAK	49	JAYNE LAMBKE	54
SALLY JOY	77	K. MCCALL	24	SAN DIEGO SWIM	2:27.03	KATE KNIGHT-PERRY	59
JEAN DURSTON	80	M.MADDEN	26	BETSY JORDAN	57	LINCOLN MASTERS	3:06.60
LAKESIDE MASTER	3:51.29	LOUISVILLE Y	2:49.20	KARLYN PIPES	32	HANNELORE SNYDER	63
MARY ANN STONE	60	MELANIE O'GRADY	38	CATHY NEVILLE	37	URSULA HARRIS	55
MARY JANE MULLINS	63	SHAWN O'BANNON	34	VIRGINIA BURNS	43	MOLLY DITTMANN	43
MEME HABICH	79	DANA FRANKS	20	LINCOLN MASTERS	2:30.90	LYNNETTE GAZA	50
F DOROTHY RIORDAN	82	LETHA GOODRICH	26	MARY POHLMANN	49	SAN DIEGO SWIM	3:07.64
DC MASTERS	3:53.49			B.BENNETT	51	BETSY JORDAN	57
JEAN CHENAUX	80	120-159		IRENE DAVID	50	ADRIENNE PIPES	60
LUCY BROWN	63	R:D C MASTERS	87 2:11.61	CYNTHIA JONES	44	LAURA MELDRUM	41
MARY LATHRAM	79	SUE SKIFF		COLONIALS-1776	2:31.84	GINI BURNS	43
BETTY GRIFFIN	63	SUZANNE O'HARA		STEPHANIE WALSH	45	STRAWBERRY CANY	3:07.67
*****		C. R.-PROSCHE		AMY GRACE	35	SUSAN GARFIN	51
RELAYS: WOMEN 200 M. MEDLEY		BETH O'CONNOR		BARBARA HOELLEN	51	RITA TIDWELL	46
*****		SAN DIEGO SWIM	2:11.94	CHRIST SCHROEDER	45	SUSAN ANSON	54
76 - 99		KARLYN PIPES	32	CONNECTICUT	2:48.18	KATE COLEMAN	51
R:UNIV SAN FRAN	92 2:12.59	MATHILDE BOUWMA	26	MARIAN BRENNER	63	DC MASTERS	3:10.80
CYNTHIA HINSHAW		TRISH SOUBERT	25	JILL LEMONE	27	BETTY GRIFFIN	63
JANET HAUER		CATHY NEVILLE	37	HEATHER O'BRIEN	23	RUTH BENNETT	47
NATALIE EFFA		STANFORD MASTER	2:12.87	SUZANNE GRAHAM	67	SUSAN SKIFF	40
BRENDA WICKLUND		MARTIE MCKINNEY	29	ST PETE	2:48.83	KAREN HANNAM	54
NIAGARA	2:24.57	EILEEN WALL	36	BARBARA ALLEN	61	LAKESIDE MASTER	3:15.99
WENDY FINHERT	19	KANA SHIBUYA	22	ELAINE BROMWICH	51	LINDA HUBBUCH	49
KELLY RELLINGER	28	DANIELLE OGIER	41	JAYNE LAMBKE	55	BARB BANASZYNSKI	47
JACQUALI WRIGHT	26	WALNUT CREEK	2:19.11	LISA HUDAK	29	DEBBIE UTZ	41
JACKIE HOLLER	26	PATTY LANDERS	37	NIAGARA	2:57.14	MARY JANE MULLINS	63
DAVIS AQUATIC	2:31.97	S.SOTELLA-OSBORNE	33	JANET SHERMAN	38		
CHRISTINE SCHULTZ	23	DEBBIE FLANSBURG	38	NANCY SHERMAN	38	240-279	
HOLLY RUEBEN	23	PAULA ROEMER	33	KATHY LANCASTER	41	R:DC MASTERS	94 2:49.96
ERICA WOODS	24	NIAGARA	2:19.14	AMY JOHNSON	52	ANNA WALKER	
JENNIFER COLLINS	25	CARO PFLUGHEBER	41	LAKESIDE MASTER	3:02.08	JAYNE BRUNER	
MINNESOTA	2:46.53	WENDY RYAN	37	WENDY MEDLEY	40	BARBARA FRID	
AMY SCANLAN	25	DENISE EVERITT	41	JUDITH ELKIN	41	BARBARA ZAREMSKI	
KIMBERLY KWIECIEN	20	ELLE PFLUGHEBER	36	PATSY KAELEN	43	DC MASTERS	2:49.96
MICHELE HEMMING	27	NEW ENGLAND	2:20.39	AMY PETERSON	37	ANNE WALKER	78
KRISTINE ROGGE	25	MARY GENTRY	32	ST PETE	3:07.69	JAYNE BRUNER	60
		CONSTANCE HALLETT	35	COLLEEN EAGAN	41	BARBARA FRID	52
100-119		JENNIFER LUKER	37	LESLIE TREAT	45	BARBAR ZAREMSKI	57
R:HOLMES	88 2:06.67	TRACY GRILLI	37	NANCY KIERNAN	40	CONNECTICUT	3:07.83
BETH MAUER		SANTA CLARA	2:22.07	BARBARA PRESCOTT	43	MARIE WICKLUND	80
DEB WALKER		KATHRIN LAMMERS	24	VMST	3:22.49	MARGIT JEBO	56
TISH BUCHER		BECKY LANCER	23	GEORGIANA BAKER	47	CHRISTIE SLIMAK	46
MARY HOLMES		JAMIE HAVENS	32	CHARLENE ELLESTED	39	MARIAN BRENNER	63
WALNUT CREEK	2:14.23	THERESA HESSLER	42	LINDA MCCOWAN	45	RINCONADA	3:14.90
PAM BOSCOVICH	31	LAKESIDE MASTER	2:23.64	KAREN COSTELLO	38	NAN BLACKLEDGE	69
BETHANNE FLANNERY	27	MARY CHRIS CURL	37			PATSY WEISS	71
SUZANNE HEIM	36	CAROLINE DONNELLY	32	200-239		BOBBIE CALLISON	61
MICHELLE GHIGGERI	25	PAM MARTIN	36	R:LOS ALTOS	92 2:28.26	SUSAN SPRINGER	55
ASHBURN VILLAGE	2:25.19	AMY POPE	34	DELLA SEHORN		CONNECTICUT	3:18.45
LAURA SCHWEE	32	SANTA CRUZ	2:27.43	CAROLYN BOAK		NANCY PHILLIPS	73
SHANN MCCLIMANS	31	BROOKE DICK	45	LAURA VAL		JOAN CAMPBELL	64
SUZANNE NEWELL	35	BECCA STEINKAMP	25	ARLENE PROEBSTING		DEBORAH HOWARD	35
KELLEY PORTER	19	ANN HEMINGTON	32	VIRGINIA	2:35.67	DOROTHY DONNELLY	72
VEN	2:25.45	NAOMI GARDNER	33	JUDY DECKER	52	WALNUT CREEK	3:22.99
CAROLE SHIGAKI	39	ST PETE	2:29.37	BETSY DURRANT	52	ANN PISCIOTTA	63
ROBYN GARLINGER	21	LISA HUDAK	29	LISA BENNETT	38	JOAN ALEXANDER	62
MEREDITH TAKARA	24	NANCY KIERNAN	40	JOHNNIE DETRICK	58	DONNA MONROE	60
TERI ELLIS	26	PAM GEIGER	41	NEW ENGLAND	2:42.32	BETTY BARABASH	66
HSAM	2:25.57	JO ANN HARRELSON	38	TRACY GRILLI	37	WISCONSIN	3:32.63
REBECCA JACKMAN	31	NIAGARA	2:31.87	CAROL ADAMS	50	DORIS KLITZKE	59
NEILY MATHIAS	26	GLENNA LEOUS	40	SUE TENDY	45	S.HASSELBACHER	67
PATTY STARKS	34	MELISSA MALDOVAN	41	CLARA WALKER	68	NANCY KRANPITZ	49
HEATHER WOLFENDEN	24	STACI CIFRANICK	32	OREGON	2:45.25	FRAN ZEUMER	74
ORLM	2:26.56	JUDY HOOPER	36	SUZANNE RAGUE	44	OSB	3:34.70
J.L. VANDERMOLLEN	27			NANCY HELGET	45	PEGGY SANBORN	66
EILEEN HARTLE	33	160-199		SANDI ROUSSEAU	46	MALCHIA OLSHAN	63
JENNIFER HUGUS	25	R:LOS ALTOS	94 2:12.91	PETEE SMITH	70	GRACE ALTUS	70
HEATHER O'BRIEN	31	CHRIS BREEDY		NEW ENGLAND	2:54.16	RUTH BARR	71
LAKESIDE MASTER	2:33.94	SUSAN ROY		SUSAN MAGUIRE	45	MICHIGAN	3:38.71
SUZANNE HAWKINS	27	LAURA VAL		AASJE CARON	52	FREDERICKA RAPP	50
KIMBERLY BARON	20	CAROLYN BOAK		CLAIRE O'BRIEN	55	EDITH GLUSAC	75

TOP TEN

Long Course Meters

LOIS NOCHMAN	69	DEBBIE LAKE	30	CATHY SCHULBACH	40		
MARY WILLIAMS	62	MICHELLE BEKOFF	28	LAURA VAL	42	280-319	
HOLMES LUMBER	3:42.15	TRICIA HOLM	34	LAKESIDE MASTER	5:31.78	R:WALNUT CREEK	94 7:37.85
JUNE REYNOLDS	72	PATRICIA HOGAN	24	A.WRIGHT-BELKNAP	43	JEAN DURSTON	
JEAN STERLING	57	HSAM	5:32.91	WENDY MEDLEY	40	JAE HOWELL	
FLORENCE CARR	69	LARA BIGLEY	26	MARY JANE MULLINS	63	SALLY JOY	
KAY MARTIN	57	VICKI WEBSTER	32	LAURA WEBB	25	ANN PISCIOITTA	
NEW ENGLAND	3:46.34	STACY JOHNSON	31	WILDCAT MASTERS	5:50.15	WALNUT CREEK	7:37.85
ELINOR WRIGHT	70	WENDE CAHA	26	SUSAN BRADLEY-COX	56	JEAN DURSTON	79
MARIAN COAKLEY	56			MEG SMATH	37	JAE HOWELL	71
JOAN MCINTYRE	65	120-159		GAIL O'MALLEY	39	SALLY JOY	77
BILLIE BURRILL	73	R:STANFORD	94 4:17.94	KAREN MARSHALL	43	ANN PISCIOITTA	63
		MARTIE MCKINNEY		HSAM	6:07.07		
280-319		C CHICHESTER		KAREN SIMPSON	34	320-359	
R:HOLMES LUMBER	94 3:35.94	DANIELLE OGIER		SHERYL CONNER	33	R:ST PETE	94 10:13.80
GERTRUD ZINT		KANA SHIBUYA		MARILYN RAMEY	54	MARIAN MCKECHNIE	
JOAN GLARATON		STANFORD MASTER	4:17.94	CHARLOTTE COWAN	54	FRANCES CICHANSKI	
FLORENCE CARR		MARTIE MCKINNEY	29	OSB	6:35.44	WIN KENNEDY	
VICKEE SULLIVAN		C.CHICHESTER	31	MARY DICKERSON	29	KAY SCHIMPF	
HOLMES LUMBER	3:35.94	DANIELLE OGIER	41	GAY COLLINS	64	ST PETE	10:13.80
GERTRUD ZINT	76	KANA SHIBUYA	22	SHIRLEY BAIRD	63	M.B. MCKECHNIE	89
J.GLARATON	67	SANTA CLARA	4:27.00	ELLEN WALL	38	F.E. CICHANSKI	77
FLORENCE CARR	69	KATHRIN LAMMERS	24			WIN KENNEDY	81
VICKEE SULLIVAN	77	EVE WALTON	32			KAY SCHIMPF	76
WALNUT CREEK	3:38.60	JAMIE HAVENS	32	200-239		*****	
JAE HOWELL	71	THERESA HESSLER	42	R:RINCONADA	94 5:23.97	RELAYS: WOMEN 400 M. MEDLEY	
SALLY JOY	77	WALNUT CREEK	4:29.40	MARIANNE BREMS		*****	
JOAN ALEXANDER	62	PAULA ROEMER	33	ANN KAY		76 - 99	
JEAN DURSTON	80	PATTY LANDERS	37	BARBARA CALLISON		R:SACRAMENTO	92 5:07.42
DC MASTERS	4:05.84	CHARLENE O'BRIEN	37	SUE KELLY		MINDY WRIGHT	
MARY LATHRAM	79	SUZANNE HEIM	36	RINCONADA	5:23.97	LISA CHRISTO	
JEAN CHENAUX	80	HSAM	4:48.13	MARINANNE BREMS	45	SUE LOWREI	
KAREN BOVE	41	KELLI DOLE	36	ANN KAY	60	DONNA NICHOLAS	
NANCY CLARK	80	HEATHER WOLFENDEN	24	BARBARA CALLISON	61	NO RELAY TEAMS	
LAKESIDE MASTER	4:36.60	PATTY STARKS	34	SUE KELLY	46		
F DOROTHY RIORDAN	82	REBECCA JACKMAN	31	STRAWBERRY CAYN	6:14.12		
MARY ANN STONE	60	SANTA CRUZ	4:52.11	KATE COLEMAN	51	100-119	
JOYCE VOIT	59	LISA RULISON	40	SUSAN ANSON	54	R:WALNUT CREEK	92 4:55.59
MEME HABICH	79	REBECCA STEINKAMP	25	RITA TIDWELL	46	PAM BOSCOVICH	
*****		NAOMI GARDNER	33	SUSAN GARFIN	51	LISA TALLMAN	
RELAYS: WOMEN 400 M. FREE		ANN HEMINGTON	32	GOLD COAST	6:47.31	DEBBIE FLANSBURG	
*****		RINCONADA	5:03.75	ANITA ALLEN	40	WENDY INGRAHAM	
76 - 99		BELINDA HERRING	29	M.SANFORD-CARLTON	50	SANTA CLARA	5:06.47
R:SACRAMENTO	92 4:32.12	ELKE HOFMAN	22	BUNNY GOLDSTEIN	70	JAMIE HAVENS	32
DONNA NICHOLAS		KATHERINE BASS	42	PATRICIA RICHARD	49	BECKY LANCER	23
SUE LOWRIE		CHRIS KANAZAWA	27	MICHIGAN MASTER	8:08.44	KATHRIN LAMMERS	24
LISA CHRISTO		WALNUT CREEK	5:07.56	GENEVIEVE MOYER	45	DEE HAYNIE	39
MINDY WRIGHT		DEBBIE FLANSBURG	38	P.STRICKLAND	53	VEN	5:50.84
DAVIS AQUATIC	4:55.89	KATHY BROWN	33	MARY WILLIAMS	62	TERI ELLIS	26
HOLLY RUEBEN	23	S.SOTELLO-OSBORNE	33	FREDERICKA RAPP	50	CAROLE SHIGAKI	39
ERICA WOODS	24	MONDY HAMWAY	35			MEREDITH TAKARA	24
JENNIFER COLLINS	25	DAVIS AQUATIC	5:37.92	240-279		LARA FORMAN	25
CHRISTINE SCHULTZ	23	LINDA HOOD	35	R:WALNUT CREEK	92 6:15.17	GOLD COAST	6:03.54
VEN	5:51.31	CARY CRAIG	36	BETTY BARABASH		PATRICIA HOGAN	24
HEATHER JOHNSEN	26	AINSLIE MACKOVJAK	29	JOAN ALEXANDER		MICHELLE BEKOFF	28
MEREDITH TAKARA	24	TRACI ROTH	27	ANN PISCIOITTA		DEBBIE LAKE	30
NEIL REGAN	24	SANTA CLARA	5:44.28	BARBARA JORDAN		TRICIA HOLM	34
ROBYN GARLINGER	21	ALMA GUIMARIN	40	WALNUT CREEK	6:27.07		
		ALISON BENKE	23	ANN PISCIOITTA	63	120-159	
100-119		CAROL MILLER	43	JOAN ALEXANDER	62	R:WALNUT CREEK	91 5:00.94
R:DAVIS AQUATIC	92 4:27.84	CINDY BARONE	21	BETTY BARABASH	66	PAM BOSCOVICH	
C.CHICHESTER		SWOM	6:10.80	DONNA MONROE	60	WENDY INGRAHAM	
MELISSA BEATY		M.K. ERICKSON	41	RINCONADA	6:38.98	DEBBIE FLANSBURG	
KIM MCCORD		MINDY CHEAP	38	PATSY WEISS	71	CATHY COOLEY	
JENNIFER NORRIS		SUSAN BURNS	39	NAN BLACKLEDGE	69	STANFORD MASTER	5:17.35
WALNUT CREEK	4:34.13	BARTLEY PRATT	26	SUSAN SPRINGERQ	55	C.CHICHESTER	30
PAM BOSCOVICH	31			BOBBIE CALLISON	61	DANIELLE BARNEA	51
MARIA MALDONADO	31	160-199		LAKESIDE MASTER	8:28.59	KARA SHUBAYA	22
WENDY INGRAHAM	30	R:SAN DIEGO	93 4:37.01	MARY ANN STONE	60	DANIELLE OGIER	41
MICHELLE GHIGGERI	25	BETSY JORDAN		CAROL FERGUSON	62	ALM	5:40.55
SANTA CLARA	4:55.64	BARBARA DUNBAR		MARY JANE MULLINS	63	TINA ESSEX	23
ALMA GUIMARIN	40	KARLY PIPES		F.DOROTHY RIORDAN	82	ELAINE FONG	36
EVE WALTON	32	BETH KNIGHT		HSAM	8:34.53	JOAN VAN HALEN	25
E.THUNEN-FRENCH	19	LOS ALTOS	4:44.10	JUDY TILARO	59	KERRI NAUFUL	37
CINDY BARONE	21	CAROLYN BOAK	49	NANCY REED	67	HSAM	5:43.30
GOLD COAST	5:11.66	KRISTY KING	46	ELFRIEDE LEHTO	61	VICKI WEBSTER	32
				TRISH HUNTER	60	SHERRY BROTHERS	36

TOP TEN

Long Course Meters

REBECCA JACKMAN	31	*****	JOAN ALEXANDER	26	MIKE PEPA	26
KELLI DOLE	36	RELAYS: WOMEN 800 M. FREE	ANN PISCIOITTA	26	KEITH FARLOW	26
HSAM	6:07.55	*****	BARBARA JORDAN	29	JEFF HOGG	29
LARA BIGLEY	26	76 - 99	HSAM	16:52.61	120-159	
STACY JOHNSON	31	R:DAVIS	MARILYN RAMEY	54	R:LONE STAR	86 1:37.43
SHERYL CONNER	33	CHRIS WINN	NANCY REED	67	DAVID HAGUE	
TINA DANIELS	37	JENNIFER BLAKE	JUDY TILARO	59	TRIP HEDRICK	
SWOM	6:33.03	JENNIFER NORRIS	ELFRIEDE LEHTO	61	BUCK SMITH	
M.K. ERICKSON	41	TINA WALLIS	280-319		JIM MONTGOMERY	
SUSAN BURNS	39	VEN	R:WALNUT CREEK	92 16:17.09	COLONIALS-1776	1:44.87
BARTLEY PRATT	26	HEATHER JOHNSEN	JEAN DURSTON		STU MARVIN	38
MINDY CHEAP	38	TERI ELLIS	MARY JANE REEVES		JOSEPH THIER	30
ST PETE	7:05.62	ROBYN GARLINGER	JAE HOWELL		MICHAEL CASCIATO	34
DIANE BRADLEY	42	MEREDITH TAKARA	DONNA MONROE		WARREN FISHER	38
SONDRA LANE	40	100-119	NO RELAY TEAMS		MICHIGAN MASTER	1:45.34
JO ANN HARRELSON	38	R:WALNUT CREEK	320-359		TODD MERCER	27
JOAN PENDLETON	35	CAROL LEE-HELTZEL	R:ST PETE	94 22:37.07	SEAN HICKMAN	27
LMM	7:57.06	CATHEY COOLEY	MARIAN MCKECHNIE		ROBERT JENNINGS	28
M'LISS HINSHAW	39	DEBBIE FLANSBURG	FRANCES CICHANSKI		LEONARD BROCKHAHN	43
CHESSA KONOLD	21	AMY REIGER	WIN KENNEDY		GREATER INDIANA	1:46.10
ROSEMARY HUTZLEY	40	HSAM	KAY SCHIMPF		ROCH KING	31
LYNN KILLIAN	29	HEATHER WOLFENDEN	ST PETE	22:37.07	ROBERT WRIGHT	39
160-199		PATTY STARKS	M.B. MCKECHNIE	89	BARRY KING	28
R:SAN DIEGO	89 5:24.49	REBECCA JACKMAN	F.E. CICHANSKI	77	JOEL STAGER	41
BETSY JORDAN		LARA BIGLEY	WIN KENNEDY	81	BOLT	1:46.57
SUSIE LEIPER		120-159	KAY SCHIMPF	76	BILL JOHNSON	36
BARBARA DUNBAR		R:SAN DIEGO	*****		DAVID HINYUP	31
MARILYN FINK		RHONDA HRONESH	RELAYS: M E N 200 M. FREE		BRANT SCHROEDER	34
WILDCAT MASTERS	6:42.28	CATHY NEVILLE	*****		CHRIS PRATOR	33
GAIL O'MALLEY	39	BETH KNIGHT	76 - 99		LAKESIDE MASTER	1:49.39
MEG SMATH	37	BARBARA DUNBAR	R:OLYMPIC CLUB	93 1:41.14	RUSSELL WILLIAMS	34
JEANNIE JOHNSON	32	HSAM	GARY ANTONICK		SAM BLYTHE	35
SUSAN BRADLEY-COX	56	KELLI DOLE	ERIC TARBELL		CHRIS BURCKLE	37
HSAM	7:18.92	KAREN SIMPSON	STEPHEN GOTH		JIMBO MARTIN	36
KAREN SIMPSON	34	VICKI WEBSTER	JIM MURRAY		ST PETE	1:50.28
MARILYN RAMEY	54	STACY JOHNSON	BOLT	1:48.92	G.J. SALOMON	32
CAROL SING	52	LMM	TREY STOLZ	19	JEFF SALOMON	33
CHARLOTTE COWAN	54	ROSEMARY HUTZLEY	ANDY DEICHERT	26	WILLIAM SPECHT	36
200-239		M'LISS HINSHAW	KIRK CLEAR	26	TIM MCGINNIS	35
R:D C MASTERS	91 5:48.73	CHESSA KONOLD	ROBERT FRITSCHER	26	ADIRONDACK	1:50.61
BARBARA FRID		LYNN KILLIAN	LMM	1:53.20	BRUCE RAVEN	33
JOANN LEILICH		160-199	TORBERT SHIPLEY	31	JOHN OGDEN	40
ANN SVANSON		R:SAN DIEGO	GEOFF AMBORN	20	TOMMY SCHMITZ	34
JAYNE BRUNNER		BETASY JORDAN	JOHN LAPP	25	ROBERT PUELS	42
GOLD COAST	8:05.77	BARBARA DUNBAR	BYRON KONOLD	23	SANTA CLARA	1:52.53
ANITA ALLEN	40	MARILYN FINK	100-119		TIM CESPEDES	34
M.SANFORD-CARLTON	50	BETH KNIGHT	R:HOUSTONIAN CLUB	90 1:36.15	PETER KIRWIN	35
PATRICIA RICHARD	49	HSAM	JAMES PRUNGLE		JIMI CANDELERIA	34
BUNNY GOLDSTEIN	70	SHERYL CONNER	STUART KNOWLES		GREG HAVENS	29
MICHIGAN MASTER	9:14.18	CHARLOTTE COWAN	JEFF FREY		NIAGARA	1:53.23
GENEVIEVE MOYER	45	WENDE CAHA	JOHN SMITH		DAVE BARON	42
P.STRICKLAND	53	TRISH HUNTER	SANTA CLARA	1:46.18	MICHAEL MORABITO	44
MARY WILLIAMS	62	200-239	SERGEY MARINIUK	25	KEVIN PORTEUS	31
FREDERICKA RAPP	50	R:RINCONADA	JAMES PARRACK	27	JAMES MATYSEK	34
240-279		94 11:43.13	MICHAEL MOORE	30	WH20	1:53.45
R:WALNUT CREEK	92 6:50.38	MARIANNE BREMS	FRANZ MORTENSEN	30	MARK SPRATT	38
BARBARA JORDAN		ANN KAY	ORLM	1:46.75	PHILIP HAYMAN	32
ANN PISCIOITTA		BARBARA CALLISON	PAUL ROBINSON	26	BRUCE HATTON	37
JOAN ALEXANDER		JUDITH SCHWARTZ	W.T. MATTHEWS	27	GARY QUINN	36
BETTY BARABASH		RINCONADA	F.CHARMFOROOSH	28	160-199	
HSAM	10:01.90	11:43.13	P. FISCHER	29	R:HOLMES	90 1:39.27
JUDY TILARO	59	MARIANNE BREMS	COBB	1:47.60	JAMES DILLEY	
ELFRIEDE LEHTO	61	ANN KAY	GREGORY WILDER	24	C. MILTENBERGER	
NANCY REED	67	BARBARA CALLISON	MATTHEW WARD	19	RICHARD ABRAHAMS	
TRISH HUNTER	60	JUDITH SCHWARTZ	YIT AUN LIM	36	TIMOTHY GARTON	
280-319		GOLD COAST	CHRIS WHELAN	23	BAYLOR/L STAR	1:39.60
R:WALNUT CREEK	93 8:32.38	TRICIA HOLM	VEN	1:49.12	JAMES MONTGOMERY	39
PAT PREVEITZ		PATRICIA RICHARD	DAVID KASTIGAR	30	TRIP CLAY HEDRICK	40
JAE HOWELL		M.SANFORD-CARLTON	DAN BORTON	26	DAVID HAGUE	40
ANN PISCIOITTA		BUNNY GOLDSTEIN	LARS GRONHOLM	24	BUCK SMITH	41
MARY JANE REEVES		240-279	MARK KUBEJA	39	THE OLYMPIC CLB	1:40.32
NO RELAY TEAMS		R:WALNUT CREEK	CRESCENT HILL	1:49.14	ROBERT PLACAK	35
		92 13:28.86	TONY SIEBEL	26	BILL BARTHOLD	45
		BETTY BARABASH			JAMES GRIFFITH	41

TOP TEN

Long Course Meters

K. BOGART	40	MIKE DUIGNAN	48	VLADIM OUCHAKOF	70	R:UNIV SAN FRAN	92	1:52.24
O'H*1*0	1:46.59	WILLIAM IRWIN	66	LENRO GOLDSTONE	65	ANDREW GELLER		
KARL KAZMAIER	39	DC MASTERS	2:04.98	MICHAEL LAUX	52	JOHN HARLOW		
LEE EISINGER	45	LEE BETTIS	56			GREG MACKEM		
TOM HIEBER	37	LAWRENCE COHEN	59	280-319		GARY YANG		
LOU HORWITZ	41	ROBERT BENNETT	51	R:LAM	92	BOLT		2:01.52
THE OLYMPIC CLB	1:48.10	JOHN CALVERT	48	JOHN RICHARDS		KIRK CLEAR		26
MIKE KECK	34	SOUTHWEST OHIO	2:05.23	JAY CRADDOCK		ANDY DEICHERT		26
STUART CORLISS	38	RANDY SIMONS	46	JACK MCCANN		ROBERT FRITSCHER		26
PAUL ASMUTH	36	RICHARD CHISHOLM	59	HUGH RICHARDS		TREY STOLZ		19
WILLIAM VAN HORN	55	PHIL HENGEL	50	SAN MATEO	2:25.27	LMM		2:06.27
GOLD COAST	1:49.69	THOMAS MCTERNAN	50	RAY TAFT	74	JOHN LAPP		25
DAVID OWEN	42	MAC MASTERS	2:06.73	DICK PETERSON	57	GEOFF AMBORN		20
JORGE GONZALEZ	45	CHRIS MULLEN	45	ED MORAN	76	BYRON KONOLD		23
CRAIG BURNS	41	JOHN KORTHEUER	63	FRED TAIOLI	73	JOEL HULL		24
FRED MAYER	38	MILTON GEE	57	COLONIALS-1776	2:30.84	DAVIS AQUATIC		2:07.70
LAKESIDE MASTER	1:52.07	JERRY CLARK	56	ROGER FRANKS	67	KEN HONG		24
JOHN NOLAN	45	NIAGARA	2:07.15	HENRY SHOSTCHUK	76	BILL WEBER		22
WILLIAM TINGLEY	43	DAVID SOLOMON	45	ART MAYER	62	MICHAEL COLLINS		28
TED LEE III	37	WILLIAM ADAMS	48	BIRCH DAVIDSON	75	BARRY HULCE		24
CHARLES CARTER	42	GEORGE MCVEY	67	HOLMES LUMBER	2:44.03			
JERSEY	1:53.88	DAN WALTERS	49	ROGERS HOLMES	72	100-119		
CHRISTOP COLLIER	26			RICHARD AVERY	71	R:HOUSTONION CLUB90		1:48.46
WILLIAM HAYNES	68	240-279		WILLIAM GRANT	80	CLAY BRITT		
SCOTT YEOMANS	30	R:GOST	92	FRANK TILLOTSON	79	DEAN PUTTERMAN		
ARTHUR DEFFAA	45	THOMAS OLANDER		WESTERN PENN	2:44.80	ROBERT KILLEEN		
ADIRONDAK	1:55.86	SID HALL		WILL HOGENMILLER	70	JAMES PRINGLE		
BOB LONG	45	KEITH CARTER		EMIL DAESCHNER	76	SANTA CLARA		1:51.95
JAMES FISCHBECK	41	JOHN FLORANCE		ROBERT BRUNO	71	SERGET MARINIUK		25
JOHN OGDEN	41	BUCKEYE	1:58.76	STAN PRAZER	66	JAMES PARRACK		27
ROBERT PUELS	43	SID HALL	59	ST PETE	2:50.65	MICHAEL MOORE		30
MICHIGAN MASTER	1:56.03	JOHN FLORANCE	71	ROBERT PATTON	72	FRANZ MORTENSEN		30
FRANK THOMPSON	42	YOSHI OYAKAWA	61	ABRASHA BRAININ	71	SANTA CRUZ		1:58.44
RICHARD CHANEY	44	THOMAS OLANDER	52	ROBERT ATWOOD	74	STEVE PETRIE		25
A JOHN HAUSCHULZ	41	SAN DIEGO SWIM	2:06.07	JOHN PATTON	74	MARTIN LIVESEY		28
LEONARD BROCKHAHN	44	JOHN GOODE	60	BOLT	3:11.88	BRENDEN MCNULTY		34
HSAM	1:56.14	STEPHEN MOSELEY	56	RICHARD DANIEL	68	DOUG PETRIE		25
LEE MENCH	41	BILL EARLEY	57	ELMER FROST	71	DAVIS AQUATIC		1:58.75
DOUGLAS SELBY	49	MILTON SENS	68	N HEDRICK	71	BRIAN NABETA		24
GEORGE DALL	39	SAN MATEO	2:06.19	MAURICE STERN	78	DARREN MOUNTS		23
RON SCHAFER	36	GARY BRENNER	46	NIAGARA	3:23.74	ERNIE HOFTYZER		24
		FRED TAIOLI	73	GEORGE BAUMAN	80	ANDY MCPHERSON		47
		RAY TAFT	75	HERMAN FOREST	73	CRESCENT HILL		2:01.63
		DONALD GALINE	48	JOHN CRANCH	72	TONY SIEBEL		26
		WALNUT CREEK	2:11.35	MICHAEL GAUDY	73	MIKE PEPA		26
		JIM KING	47	THE OLYMPIC CLB	4:29.27	KEITH FARLOW		26
		BILL PECKHAM	65	JOHN GIBBS	79	JEFF HOGG		29
		CHET WERSHILA	65	ED MACKAY	85	ORLM		2:03.37
		FRED TRASK	66	LOUIS ROSENAUR	80	PAUL ROBINSON		26
		NEW ENGLAND	2:13.53	FRED FERROGGIARO	40	JOHNATHAN LIM		29
		TED HAARTZ	66			F.CHARMFOROOSH		28
		BARR CLAYSON	59	320-359		L.J. MEISENHEIMER		36
		JAMES EDWARDS	71	R:BAYLOR/L STAR	93	WALNUT CREEK		2:04.10
		HOMER LANE	45	BENNETT ALLEN	2:59.21	BRENT BLACKMAN		24
		LINCOLN	2:13.81	TEX ROBERTSON		JEFF RODGERS		27
		DAVE MALBROUGH	81	JESSE COON		CHRIS BOND		27
		ARTUR KOBLISH	70	GUS GLEMENS		DAVE COOL		33
		BILL MULLIKEN	55	BAYLOR/L STAR	2:59.51	VEN		2:05.13
		JIM FERSTEL	34	TEX ROBERTSON	85	DAVID KASTIGAR		30
		ORLM	2:16.72	BENNETT ALLEN	80	TERENCE YOUNG		28
		C.E. WEATHERBEE	61	JESSE COON	83	DAN BORTON		26
		VICTOR SIRBU	56	GUS CLEMENS	76	LARS GRONHOLM		24
		JIM CONGER	74	LBM	3:15.05	HSAM		2:06.16
		J.R. O'CONNELL	49	WALTER PFEIFFER	80	RANDALL EICKHOFF		28
		NIAGARA	2:17.16	BRION WINSHIP	76	RON SCHAFER		36
		WALTER FOLEY	63	DON NEEFE	85	BRIAN COLEY		27
		PHILIP MCMAHON	54	WOODROW BOWERSOCK	81	CHRIS BERK		24
		GENE DONNER	63	ST PETE	3:21.51	BOLT		2:22.37
		JAMES PITTS	64	JOHN JOHNSTON	78	L SCHMITT		25
		ST PETE	2:21.47	JAMES MITCHELL	82	ROB CAMBIAS		26
		HARRY PIPER	59	FRED WALBOLT	81	DAVID HINYUP		31
		C.H. KOHNKEN	62	KERMIT HOTVEDT	79	GLEN BODET		33
		ALAN MALONEY	65	*****				
		HAROLD FERRIS	63	RELAYS: M E N 200 M. MEDLEY		120-159		
		CONNECTICUT	2:27.80	*****		R:BAYLOR/L STAR	93	1:50.89
		GEORGE BRUNSTAD	60	76 - 99		JAY YARID		

TOP TEN

Long Course Meters

BERRY HAMILTON		LOU HORWITZ	41	EMPIRE STATE	2:18.13	BOB MORRISON	
BOBBY PATTEN		KARL KAZMAIER	39	BOB KOLONKOWSKI	46	ANDREW HOLDEN	
STEVEN REED		TOM HIEBER	37	EVERETT SMETHURST	59	GERALD HUESTIS	
THE OLYMPIC CLB	1:52.34	LEE EISINGER	45	CRAIG SAINT-AMOUR	41	COLONIALS-1776	2:51.99
SEAN MURPHY	30	LAKESIDE MASTER	2:01.89	RICHARD ELLIS	61	ART MAYER	62
GARY ANTONICK	31	WILLIAM TINGLEY	43	DC MASTERS	2:18.51	NORMAN GARSOE	70
ROBERT PLACAK	35	CHRIS BURCKLE	37	LEE BETTIS	56	BIRCH DAVIDSON	75
STEPHEN GOTH	25	SAM BLYTHE	35	JOHN CALVERT	48	HENRY SHOSTCHUK	76
MICHIGAN MASTER	1:57.39	JOHN NOLAN	45	ROBERT BENNETT	51	WESTERN PENN	3:03.81
TODD MERCER	27	ST PETE	2:02.83	LAWRENCE COHEN	59	WILL HOGENMILLER	70
ROBERT JENNINGS	28	BRIAN VAILE	32	SMS	2:20.66	EMIL DAESCHNER	76
DAVID SHEPHERD	38	T.A. VANDERVEEN	49	JERRY GLANCY	56	STAN PRAZER	66
SEAN HICKMAN	27	WILLIAM SPECHT	36	STEVE GROSSMAN	32	ROBERT BRUNO	71
COLONIALS-1776	1:57.58	JOHN EDWARDS	45	K.M. MCCORMACK	41	HOLMES LUMBER	3:17.06
STU MARVIN	38	WALNUT CREEK	2:05.37	BALINT PAPP	72	RICHARD AVERY	71
MICHAEL CASCIATO	34	JIM KING	47			ROGERS HOLMES	72
JOSEPH THIER	30	PAUL JEFFERS	48	240-279		WILLIAM GRANT	80
WARREN FISHER	38	STEVE STAHL	29	R:BUCKEYE	94 2:17.59	FRANK TILLOTSON	79
JAM	1:59.11	TOM DUGAN	36	YOSHI OYAKAWA		WALNUT CREEK	3:26.06
KELLEY ALLEN	30	CHICO MASTERS	2:06.34	JOHN MEDICI		MIKE MILLIMAN	59
GREG STELLE	27	FRANK MENDOZA	45	THOMAS OLANDER		AL KALLUNKI	90
PAUL WISE	38	JOHN ECKALBAR	45	JOHN FLORANCE		BILL JOHNSTON	75
RON COLLINS	32	GARY STIEFVATER	40	BUCKEYE	2:17.59	FRED TRASK	64
JERSEY	2:00.78	LAURENCE BOAG	41	YOSHI OYAKAWA	61	ST PETE	3:41.70
RICHA ALEXANDER	50	MINNESOTA	2:06.90	JOHN MEDICI	56	ROBERT ATWOOD	74
SCOTT YEOMANS	30	PAUL WINDRATH	40	THOMAS OLANDER	52	ROBERT PATTON	72
ARTHUR DEFFAA	45	JOHN MCCALL	42	JOHN FLORANCE	71	NED ALLEN	64
CHRISTOP COLLIER	26	JIM PELISSIER	50	SAN MATEO	2:22.85	JOHN PATTON	74
WALNUT CREEK	2:01.41	SCOTT SAKAGUCHI	41	RAY TAFT	75	CONNECTICUT	3:46.54
GERRY FERRIS	33	GOLD COAST	2:06.95	STANLEY PANKO	56	ELLIOTT SCHOFIELD	71
JOHN ROEMER	38	DAVID OWEN	42	BILL STEUART	57	ROBERT HARRIS	71
BRYAN BALWIN	31	JORGE GONZALEZ	45	DICK PETERSON	57	VLADIMIR OUCHAKOF	70
SEAN FLANNERY	25	CRAIG BURNS	41	MICHIGAN	2:25.90	GUS LANGNER	90
NIAGARA	2:02.87	FRED MAYER	38	HUGH RODDIN	52	BOLT	3:48.32
JOHN SIMM	38			CHARLES MOSS	66	ELMER FROST	71
GEORGE SALEEBY	23	200-239		CHARLES MAAS	60	DICK BOWER	64
RICARDO MARABLE	42	R:OLYMPIC CLUB	94 1:58.50	BOB HERITIER	66	RICHARD DANIEL	68
KEVIN PORTEUS	31	TIM BIRNIE		WALNUT CREEK	2:28.62	MAURICE STERN	78
GREATER INDIANA	2:04.52	ROBERT STRAND		DON BROWN	61	NIAGARA	4:24.57
BARRY KING	28	RICHARD BASSI		STAN MORNER	59	JOHN CRANCH	72
ROCK KING	31	JAMES ELDER		STAN PEDDER	59	MICHAEL GAUDY	73
ROBERT WRIGHT	39	THE OLYMPIC CLB	1:58.50	CHET WERSHILA	65	AL PALMER	71
JOEL STAGER	41	TIM BIRNIE	48	SAN DIEGO SWIM	2:28.99	GEORGE BAUMAN	80
WH20	2:07.81	ROBERT STRAND	48	BILL EARLEY	57		
BRUCE HATTON	37	RICHARD BASSI	53	LLOYD SKRAMSTAD	60	320-359	
MICHAEL THOMSON	24	JAMES ELDER	51	JOHN GOODE	60	R:BAYLOR/L STAR	93 3:22.86
GARY QUINN	36	LOS ALTOS	2:05.23	DONALD BAKER	63	BENNETT ALLEN	
ERROL GRAHAM	35	EDWARD CAZALET	51	RINCONADA	2:32.21	TEX ROBERTSON	
VIRGINIA	2:09.27	TOM BOAK	50	JOHN BRICKER	74	JESSE COON	
MICHAEL SLOWEY	36	ROBERT PROEBSTING	56	ALDO DA ROSA	76	GUS CLEMENS	
PAT RYAN	35	KEEFE LOEWIG	50	BILL LORTON	51	BAYLOR/L STAR	3:28.12
MICHAEL COOK	31	ST PETE	2:11.67	FRED FARLEY	40	TEX ROBERTSON	85
JIM MILLER	44	PAUL HUTINGER	69	NIAGARA	2:47.42	BENNETT ALLEN	80
		BRIAN VAILE	32	GENE DONNER	63	JESSE COON	83
		WILLIAM SPECHT	36	GEORGE MCVEY	67	GUS CLEMENS	76
160-199		HAROLD FERRIS	63	DAN WALTERS	49	LBM	3:41.44
R:BAYLOR/L STAR	94 1:53.79	NEW ENGLAND	2:13.53	HERMAN FOREST	73	BRION WINSHIP	76
MEL NASH		BARR CLAYSON	59	ST PETE	2:54.17	WOODROW BOWERSOCK	81
BARRY HAMILTON		TED HAARTZ	66	JOHN COX	59	WALTER PFEIFFER	80
TRIPP HEDRICK		HOMER LANE	45	ABRASHA BRAININ	71	DON NEEFE	85
DAVID HAGUE		ROBERT CROWDER	38	C.H. KOHNKEN	62	PNA	4:45.39
BAYLOR/L STAR	1:53.79	O'H*I'O	2:14.12	HAROLD FERRIS	63	ALAN SACHS	81
MEL NASH	39	PETER VANDIJK	65	THE OLYMPIC CLB	2:57.78	EVERETT CASSELL	81
BARRY HAMILTON	41	FRANK ZATKO	43	RALPH PERRY	67	JIM PENFIELD	86
TRIP CLAY HEDRICK	40	WINSTON RITCHEY	26	GLYNN JONES	69	GENE CROSSETT	80
DAVID HAGUE	40	KEITH CARTER	69	WILLIAM VAN HORN	55	ST PETE	4:47.62
THE OLYMPIC CLB	1:56.09	THE OLYMPIC CLB	2:14.24	STEPHEN JONES	49	JAMES MITCHELL	82
BILL BARTHOLD	45	JAMES BEGLINGER	47	U OF SAN FRAN	2:58.71	FRED WALBOLT	81
STUART CORLISS	38	CHARLES RAVEN	55	KURT HENSCH	64	JOHN JOHNSTON	78
JAMES GRIFFITH	41	JAMES BOHAN	58	BRAD PENCE	42	KERMIT HOTVEDT	79
K.BOGART	40	CHARLES RAVEN	55	RICHARD SCHOMBURG	68	*****	
THE OLYMPIC CLB	1:59.80	LAKESIDE MASTER	2:17.28			RELAYS: M E N 400 M. FREE	
FRED FERROGGIARO	40	THOMAS FINNEGAN	48			*****	
DAVID HAYNES	41	TONY AMBROSE	49	280-319		76 - 99	
MICHAEL GARIBALDI	48	GLENN HUBBUCH	49	R:OREGON	92 2:34.57	R:DAVIS AQUATIC	94 3:53.22
MIKE KECK	34	MARTY O'TOOLE	54	FLOYD ELIOTT		ERNIE HOFTYZER	
O'H*I'O	2:01.56						

TOP TEN

Long Course Meters

BRIAN NABETH		KEVIN LANCER	39	DAVE GRAY		*****
MICHAEL COLLINS		BERKELEY AQ	4:26.26	ED CAZALET		RELAYS: M E N 400 M. MEDLEY
DARREN MOUNTS		BILL REICHEL	46	DICK JAMES		*****
DAVIS AQUATIC	3:53.22	MATTHEW SWEENEY	29	BOB PROEBSTING		76 - 99
ERNIE HOFFYZER	24	DAVID SICONOLFI	43	LOS ALTOS	4:05.72	R:THE OLYMPIC CLB94 4:24.89
BRIAN NABETH	24	ROB COPELAND	37	DAVE GRAY	48	JIM MURRAY
MICHAEL COLLINS	28	VEN	4:33.26	ED CAZALET	51	ERIC TARBELL
DARREN MOUNTS	23	DAN BORTON	26	DICK THOMAS	46	JOHN WITCHEL
LMM	4:24.50	TERENCE YOUNG	28	BOB PROEBSTING	56	STEPHEN GOTH
GEOFF AMBORN	20	MARK KUBEJA	39	THE OLYMPIC CLB	4:09.00	THE OLYMPIC CLB 4:24.89
JOEL HULL	24	JOHN KOCKER	39	RICHARD BASSI	53	JIM MURRAY
BYRON KONOLD	23	SANTA CRUZ	4:33.74	TIM BIRNIE	48	ERIC TARBELL
JOHN LAPP	25	JOEL WILSON	45	JAMES ELDER	51	JOHN WITCHEL
		MARTIN LIVESEY	28	ROBERT STRAND	48	STEPHEN GOTH
100-119		DAVE HOPE	36	DAVIS AQUATIC	4:24.26	LMM 4:53.73
R:SANTA CLARA 94	3:39.63	JOHN PARKER	31	SCOTT HARRIS	40	JOHN LAPP
SERGEY MARINIUK		OSB	4:49.28	LEE FITZHUGH	56	GEOFF AMBORN
JAMES PARRACK		LEE MENICHELLA	33	EMORY HAWORTH	58	BYRON KONOLD
MIKE MOORE		TOM HINSHAW	40	ANDREW MCPHERSON	47	TORBERT SHIPLEY
FRANZ MORTENSEN		JIM HOWLEY	33	HSAM	5:15.27	
SANTA CLARA	3:39.63	ROY MC LAUGHLIN	28	DAVID SZUCH	51	100-119
SERGEY MARINIUK	25			RONALD WILLIAMSON	55	R:SANTA CLARA 94 4:14.09
JAMES PARRACK	27	160-199		STEVE SAPPER	36	SERGEY MARINIUK
MICHAEL MOORE	30	R:THE OLYMPIC CLB94	4:00.68	GENE SAPPER	64	JAMES PARRACK
FRANZ MORTENSEN	30	JAMES BEGLINGER		SAN DIEGO SWIM	5:23.87	MIKE MOORE
WALNUT CREEK	3:49.12	R TOD SPIEKER		SCOTT DAVIS	34	FRANZ MORTENSEN
BRENT BLACKMAN	24	STUART CORLISS		PETER RIDDLE	56	SANTA CLARA 4:14.09
STEVEN STAHL	29	MIKE KECK		LLOYD SKRAMSTAD	60	SERGEY MARINIUK
CHRIS BOND	27	THE OLYMPIC CLB	4:00.68	BILL EARLEY	57	JAMES PARRACK
JEFF RODGERS	27	JAMES BEGLINGER	47	GOLD COAST	6:02.31	MICHAEL MOORE
DAVIS AQUATIC	4:16.56	TOD SPIEKER	45	CARL HOUSE	55	FRANZ MORTENSEN
KEN HONG	24	STUART CORLISS	38	SHEP RICHARD	51	
BARRY HULCE	24	MIKE KECK	34	PHILIP LINDSLEY	61	120-159
BILL WEBER	22	WALNUT CREEK	4:15.21	JOE HUTTO	42	R:THE OLYMPIC CLB94 4:04.49
ERNIE WELLS	30	MAL JESTER	45			SEAN MURPHY
HSAM	4:29.16	PAUL JEFFERS	48	240-279		STUART CORLISS
RANDALL EICKHOFF	28	JOHN ROEMER	38	R:RINCONADA 94	4:49.02	DAVID LUNDBERG
BRIAN COLEY	27	KERRY O'BRIEN	37	ALDO DA ROSA		MIKE KECK
CHRIS BERK	24	JERSEY MASTERS	4:18.54	RICHARD BENNETT		THE OLYMPIC CLB 4:04.49
MAC HALL	35	JIM DRAGON	50	JAMES SHAW		SEAN MURPHY
		ED NESSEL	49	JOHN SELMER		STUART CORLISS
120-159		RICHARD BOHAN	43	RINCONADA	4:49.02	DAVID LUNDBERG
R:THE OLYMPIC CLB94	3:47.83	PHILIPPE CALAIS	35	ALDO DA ROSA	76	MIKE KECK
ROBERT PLACAK		HSAM	4:28.39	RICHARD BENNETT	63	VEN 4:39.30
KURT VANDERBOGART		LEE MENCH	41	JAMES SHAW	53	DAVID KASTIGAR
SEAN MURPHY		DOUGLAS SELBY	49	JOHN SELMER	49	LARS GRONHOLM
DAVE LUNDBURG		GEORGE DALL	39	SAN MATEO	4:59.17	TERENCE YOUNG
THE OLYMPIC CLB	3:47.83	MIKE TOPE	38	RAY TAFT	75	MARK KUBEJA
ROBERT PLACAK	35	LAKESIDE MASTER	4:29.68	DICK PETERSON	57	LONG BEACH SWIM 4:44.49
K VANDERBOGART	39	CHRIS BURCKLE	37	FRED TAIOLI	73	MICHAEL KANNER
SEAN MURPHY	30	THOMAS FINNEGAN	48	DON GALINE	48	BRUCE HOWELL
DAVID LUNDBURG	32	WILLIAM TINGLEY	44	WALNUT CREEK	5:05.49	MICHAEL HEATHER
SANTA CRUZ	3:55.20	JOHN NOLAN	45	DON BROWN	61	DAVE FRANK
STEVE PETRIE	25	CRESCENT HILL	4:39.53	STAN PEDDER	59	SANTA CLARA 4:44.59
BRENDAN MCNULTY	34	MIKE LEMKE	37	STAN MORNER	59	TIM CESPEDES
BILL DRULTAS	40	JOHN GRAHAM	48	FRED TRASK	66	PETER KIRWIN
DOUG PETRIE	25	KEITH MEIKLEREID	49			JIMI CANDELARIA
WALNUT CREEK	3:55.50	JAMES GRUBBS	39	280-319		GREG HAVENS
DAVE COOL	33	MICHIGAN MASTER	4:44.85	R:OREGON 93	5:41.34	BERKELEY AQUA 4:49.56
STEVE BREITER	38	DONALD KROEGER	50	EARL WALTER		ROB COPELAND
GERRY FERRIS	33	THOMAS MOYER	46	FLOYD ELIOTT		MARK KUHN
BRYAN BALDWIN	31	THOMAS SCHARDT	26	GIL YOUNG		HERB MC CAFFREY
SAN MATEO	4:08.28	FRANK THOMPSON	42	ANDREW HOLDEN		DAVID SICONOLFI
BRENT WASHBURN	32	RINCONADA	4:59.13	NO RELAY TEAMS		CHICO MASTERS 5:01.98
ERICH RASMUS	29	INO RAZIJENIC	32			RAY PECK
CRAIG SINHER	34	JEFF REGAN	33	320-359		JOHN ECKALBAR
P SCHOUWEITER	39	AUGIE MOTMANS	66	R:LONG BEACH 94	8:08.57	MIKE HERNANDEZ
SANTA CLARA	4:13.40	TOM SCHULER	40	WOODROW BOWERSOCK		DORSETT LYDE
PETER KIRWIN	35	WISCONSIN	5:28.68	JOHN GLENN		ALH 5:03.91
HOWARD COYE	39	STEPHEN JUSTINGER	41	WALTER PFEIFFER		STEVE LATTA
BOB DUGAN	32	JOHN MANIACI	43	DON NEEFE		M.HOLLINGSWORTH
FRED KOEHLER	34	ROBERT CYR	50	LONG BEACH MAST	8:08.57	TYRONE BROWN
SANTA CLARA	4:23.72	JIM OLSON	51	WOODROW BOWERSOCK	81	BILL DARBY
CHARLIE BANNAN	42			JOHN GLENN	83	HSAM 5:06.55
SCOTT ANDERSON	32	200-239		WALTER PFEIFFER	80	CHARLES HATTJE
GREG HAVENS	29	R:LOS ALTOS 94	4:05.72	DON NEEFE	85	RAY EHLV

TOP TEN

Long Course Meters

CHRIS BERK	24			DAN BORTON	26	RAY TAFT	
BRIAN COLEY	27			SEAN MACKNEY	26	FRED TAIOLI	
SANTA CLARA	5:09.59	R:RINCONADA	91 5:31.14	HSAM	11:12.00	ED MORAN	
SCOTT ANDERSON	32	ELI GOLDFARB		MIKE TOPE	38	BILL STEUART	
DANNY DIKE	27	ALDO DA ROSA		RAY EHLY	41	SAN MATEO	12:22.64
KEVIN LANCER	39	DAVID LEVINSON		CHARLES HATTJE	35	RAY TAFT	74
FRED KOEHLER	34	ED KERSWILL		GEORGE DALL	39	FRED TAIOLI	73
LOUISVILLE Y	5:43.44	SAN MATEO	5:57.77			ED MORAN	76
DAVID JACKSON	37	RAY TAFT	74	160-199		BILL STEUART	57
S.LINTZENICH	34	STAN PANKO	56	R:THE OLYMPIC CLB94	9:02.49	*****	
RANDALL SCHERER	32	DICK PETERSON	57	JOE DIETRICH		RELAYS: MIXED 200 M. FREE	
LARRY STRANGE	40	BOB DUNNINGHAM	66	FRED FERROGGIARRO		*****	
		THE OLYMPIC CLB	6:05.68	R TOO SPIEKER		76 - 99	
160-199		RALPH PERRY	67	STUART CORLISS		R:UNIV SAN FRAN	92 1:48.50
R:MINNESOTA	94 4:35.87	GLYNN JONES	69	THE OLYMPIC CLB	9:02.49	CYNTHIA HINSHAW	
PAUL WINDRATH		ROBERT FOX	57	JOE DIETRICH	38	GARY YANG	
JOHN EVERS		JAMES BEGLINGER	47	F FERROGGIARRO	40	JANET HAUER	
JOHN MCCALL		WISCONSIN	6:58.09	TOO SPIEKER	45	ANDREW GELLER	
LARRY NYMAN		THOMAS MICHELSON	62	STUART CORLISS	38	DAVIS AQUATIC	1:56.84
MINNESOTA	4:35.87	JOHN BAUMAN	64	HSAM	9:53.52	BRIAN NABETA	24
PAUL WINDRATH	40	ROBERT KUENY	63	LEE MENCH	41	DARREN MOUNTS	23
JOHN MCCALL	42	LYNN SURLS	77	DAVID SAPPER	39	ERICA WOODS	24
JOHN EVERS	40			RON SCHAFER	36	C SCHULTZ	23
LARRY NYMAN	41	280-319		DOUGLAS SELBY	49	DAVIS AQUATIC	2:06.69
THE OLYMPIC CLB	4:38.31	R:COLONIALS	90 6:30.60	MINNESOTA	12:24.03	BILL WEBER	22
FRED FERROGGIARRO	40	ROGER FRANKS		TERRY NELSON	53	HOLLY RUEBEN	23
DAVID HAYNES	42	NORMAN GARSOE		WALT JOHNSON	40	JENNIFER COLLINS	25
KURT VANDERBOGART	39	BIRCH DAVIDSON		ROGER BOSVELD	55	MICHAEL COLLINS	28
TOO SPIEKER	45	FRANK BELLAIRE		WAYDE MULHERN	35	ORLM	2:10.10
JERSEY MASTERS	4:54.57	NO RELAY TEAMS		GOLD COAST	12:27.68	JOHNATHAN LIM	29
ED NESSEL	49	*****		JOE HUTTO	42	DANIELLE SIRBU	20
RICHARD BOHAN	43	RELAYS: M E N 800 M. FREE		JOHN CERAOLO	33	HEATHER PERRY	23
PHILIPPE CALAIS	35	*****		ROBERT NICHOLS	44	W.T. MATTHEWS	27
JIM DRAGON	50	76 - 99		CARL HOUSE	55	HUMU	2:13.77
MICHIGAN MASTER	4:57.62	R:DAVIS	89 9:11.58			JULIA NEFCZYK	24
RICHARD CHANEY	43	MIKE COLLINS		200-239		KEITH KLIPFEL	28
STEVE HANSEN	42	JEFF BAILEY		R:THE OLYMPIC CLB94	9:28.05	KARLIE HEINZ	19
LAWRENCE KIMBALL	43	JEFF HICKS		TIM BIRNIE		BRENDON EWERS	24
LEONARD BROCKHAHN	43	TOM MCNAMARA		RICHARD BASSI		LHM	2:14.42
HSAM	4:59.41	LMM	10:17.73	JAMES ELDER		LYNN KILLIAN	29
DOUGLAS SELBY	49	TORBERT SHIPLEY	31	ROBERT STRAND		CHESA KONOLD	21
RON SCHAFER	36	GEOFF AMBORN	20	THE OLYMPIC CLB	9:28.05	BYRON KONOLD	23
LEE MENCH	41	JOEL HULL	24	TIM BIRNIE	48	JOHN LAPP	25
MIKE TOPE	38	BYRON KONOLD	23	RICHARD BASSI	53		
CRESCENT HILL	5:21.07			JAMES ELDER	51	100-119	
MIKE LEMKE	37	100-119		ROBERT STRAND	48	R:HOLMES	88 1:45.58
JOHN GRAHAM	48	R:SANTA CLARA	94 8:04.17	STANFORD	10:18.14	MARK SCHUMAN	
JAMES GRUBBS	39	SERGEY MARINIUK		TIM BRODERICK	43	MARY HOLMES	
KEITH MEIKLEREID	49	FRANZ MORTENSEN		STEVE HAYASHI	48	SAM SEIPLE	
MICHIGAN MASTER	5:38.55	JAMES PARRACK		BEN WISCKOL	54	TISH BUCHER	
DONALD KROEGER	50	MIKE MOORE		BARRY FASBENDER	56	STANFORD MASTER	1:48.75
THOMAS MOYER	46	SANTA CLARA	8:04.17	SAN DIEGO SWIM	12:29.89	BRIAN SCOTTLIN	29
THOMAS SCHARDT	26	SERGEY MARINIUK	25	BILL EARLEY	57	MARTIE MCKINNEY	29
FRANK THOMPSON	42	FRANZ MORTENSEN	30	PETER RIDDLE	56	KANA SHIBUYA	22
		JAMES PARRACK	27	LLOYD SKRAMSTAD	60	CHRIS MORGAN	23
		MICHAEL MOORE	30	SCOTT DAVIS	34	WALNUT CREEK	1:49.62
200-239		HSAM	9:53.99	HSAM	12:44.12	M GHIGGERI	25
R:THE OLYMPIC CLB94	4:38.46	RANDALL EICKHOFF	28	DAVID SZUCH	51	PAULA ROEMER	33
TIM BIRNIE		BRIAN COLEY	27	RONALD WILLIAMSON	55	BRENT BLACKMAN	24
ROBERT STRAND		CHRIS BERK	24	STEVE SAPPER	36	BRYAN BALDWIN	31
RICHARD BASSI		MAC HALL	35	GENE SAPPER	64	SANTA CRUZ	1:53.23
JAMES ELDER						DOUG PETRIE	25
THE OLYMPIC CLB	4:38.46	120-159		240-279		ELAINE WIMER	32
TIM BIRNIE	48	R:HEARTLAND	92 8:48.95	R:RINCONADA	94 10:55.42	BECCA STEINKAMP	25
ROBERT STRAND	48	MIKE TOLMAN		ALDO DA ROSA		BRENDAN MCNULTY	34
RICHARD BASSI	53	JEFF REILLY		RICHARD BENNETT		CRESCENT HILL	1:55.27
JAMES ELDER	51	RANDY EICKHOFF		JAMES SHAW		TONY SIEBEL	26
HSAM	6:42.87	LEE MENCH		JOHN SELMER		BRIDGET NASTASI	27
RONALD WILLIAMSON	55	SANTA CLARA	9:26.52	RINCONADA	10:55.42	GINA MARIE GATTI	31
GENE SAPPER	64	TIM CESPEDES	34	ALDO DA ROSA	76	JEFF HOGG	29
DAVID SZUCH	51	JIM CANDELARIA	34	RICHARD BENNETT	63	VEN	1:56.31
RUDOLPH SAPPER	61	BOB DUGAN	32	JAMES SHAW	53	LARS GRONHOLM	24
GOLD COAST	6:58.48	FRED KOEHLER	34	JOHN SELMER	49	NEIL REGAN	24
JOE HUTTO	42	VEN	10:57.33	280-319		TERRI ELLIS	26
SHEP RICHARD	51	JERRY LOZANO	41	R:SAN MATEO	94 12:22.64	DAVID KASTIGAR	30
CARL HOUSE	55	JOHN KOCKER	39			ORLM	1:59.23
PHILIP LINDSLEY	61						

TOP TEN

Long Course Meters

F.CHARMFOROOSH	28	VEN	2:00.78	BETSY JORDAN	57	HAROLD FERRIS	63
JENNIFER HUGUS	25	DAN BORTON	26	KENNETH KIMBALL	63	ELAINE BROWWICH	51
J.L. VANDERMOLEN	27	MARK KUBOJA	39	KARLYN PIPES	32	ABRASHA BRAININ	71
PAUL ROBINSON	26	ROBYN GARINGER	21	DC MASTERS	2:07.43	BARBARA ALLEN	61
BOLT	2:00.91	CAROLE SHIGAKI	39	SUSAN SKIFF	40	ST PETE	2:38.21
ROBERT FRITSCHER	26			BARBARA FRID	52	JOHN PATTON	74
ROBIN ROBINSON	23	160-199		LAWRENCE COHEN	59	J.G. PIPER	57
KERRY FRITSCHER	25	R:RMM	92 1:47.46	ROBERT BENNETT	51	KATE KNIGHT-PERRY	59
BILL JOHNSON	36	CATHY DROZDA		COLONIALS-1776	2:10.26	ALAN MALONEY	65
INLAND EMPIRE	2:04.27	JUDY REED		MICHAEL CASCIATO	34	WALNUT CREEK	2:41.30
DAVID NICHOLS	28	TOM WHATLEY		BARBARA HOELLEN	51	SANDO	60
CINDY CLUTTER	34	RICHARD ABRAHAMS		JEANNE MERRYMAN	71	JEAN DUNCAN	62
PAM BERG	26	TEXAS AQUATICS	1:51.12	JOHN ROEMIG	44	JOAN ALEXANDER	62
ROY BERG	25	S NEILSON-BELL	38	BUCKEYE MASTERS	2:15.06	BILL PECKHAM	65
DAVIS AQUATIC	2:04.88	LARRY WOOD	40	M. JANE BAKI	39	SMS	2:43.09
ERNIE WELLS	30	KARLENE WISE	40	THOMAS TRIPP	52	BARDI DENDY	73
TRACI ROTH	27	KEITH BELL	46	ANN GUINS	40	BALINT PAPP	72
AINSLIE MACKOWAK	29	NEW ENGLAND	1:52.78	JOHN FLORANCE	71	EDNA GORDON	67
KEN HONG	24	HOMER LANE	45	SAN DIEGO SWIM	2:17.07	ROBERT DAVIE	42
LAKESIDE MASTER	2:08.36	BARBARA CROWDER	37	LLOYD SKRAMSTAD	60	NIAGARA	2:57.69
KIMBERLY BARON	20	SUE TENDY	45	GINI BURNS	43	HERMAN FOREST	73
SUSAN AUGUSTUS	27	ROBERT CROWDER	38	BARBARA DUNBAR	45	IREN D'AGOSTINO	67
MIKE O'TOOLE	19	SUNCOAST MASTER	1:57.64	BILL EARLEY	57	AL PALMER	71
CHRIS DEELY	30	KEVIN MCCORMACK	41	WALNUT CREEK	2:18.15	MARY BETH LOPAT	30
		LYNN CARTEE	47	JIM KING	47		
120-159		DEB WALKER	43	JACK LANCE	51	280-319	
R:LONE STAR	87 1:44.84	ROBERT DAVIE	42	CAROL LAIRD	52	R:OREGON	92 2:31.29
L.MORRISON-CASEY		LAKESIDE	2:00.66	DONNA MONROE	60	GERALD HUESTIS	
JACKIE HIRSTY		AMY PETERSON	37	WALNUT CREEK	2:18.34	ANDREW HOLDEN	
RICHARD HESS		MARY CHRIS CURL	37	FRED TRASK	66	PETRY SMITH	
JIM MONTGONERY		WILLIAM TINGLEY	44	BETTY BARABASH	66	PAULINE STANGEL	
NIAGARA	1:53.24	CHARLES CARTER	42	PAUL JEFFERS	48	HOLMES LUMBER	2:40.28
DAVID SOLOMON	45	COLONIALS-1776	2:01.01	PAM BOSCOVICH	31	RICHARD AVERY	71
KELLY RELLINGER	28	STU MARVIN	38	MICHIGAN MASTER	2:19.43	GERTRUD ZINT	76
WENDY RYAN	37	BRAD GLENN	45	BEVERLY MYERS	59	FLORENCE CARR	69
RICHA FORRESTEL	37	STEPHANIE WALSH	45	CHARLES MOSS	66	ROGERS HOLMES	72
LAKESIDE MASTER	1:53.74	AMY GRACE	35	FREDERICKA RAPP	50	NEW ENGLAND	2:43.18
PAM MARTIN	36	S CAL AQUATIC	2:04.48	THOMAS SCHARDT	26	JAMES EDWARDS	71
AMY POPE	34	CLAY EVANS	40	ST PETE	2:20.30	ROBERT WRIGHT	73
RUSSELL WILLIAMS	34	KARIN DECK	31	C.H. KOHNKEN	62	BILLIE BURRILL	73
SAM BLYTHE	35	GEORGE BRINTON	70	JAYNE LAMBKE	54	CLARA WALKER	68
ORLM	1:54.63	LEZLIE GRUENLER	31	LISA ROSS	39	OREGON	2:43.74
L.J. MEISENHEIMER	36	HSAM	2:05.74	HAROLD FERRIS	63	GIL YOUNG	72
EILEEN HARTLE	33	LEE MENCH	41			GERALD HUESTIS	74
HEATHER O'BRIEN	31	DOUGLAS SELBY	49	240-279		PAULINE STANGEL	72
P.R. FISCHER	29	KELLI DOLE	36	R:LOS ALTOS	92 2:10.74	PETRY SMITH	70
CONNECTICUT	1:55.79	KAREN SIMPSON	34	JOHN RICHARDS		CONNECTICUT	2:56.49
LIZ HOBBS	32	NIAGARA	2:08.71	JAY CRADDOCK		LENRO GOLDSTONE	65
DONALD SKEOCH	31	JAMES PITTS	64	DELLA SEHORN		VLADIM OUCHAKOF	70
DONNA NEARY	38	GLENN ALEOUS	40	LAURA VAL		NANCY PHILLIPS	73
MICHAEL NOMURA	26	JUDY HOOPER	36	NEW ENGLAND	2:15.57	DOROTH DONNELLY	72
NEW ENGLAND	1:57.43	KEVIN PORTEUS	31	TRENT TOENSING	55	CONNECTICUT	2:57.29
RICHARD LEE	36	OREGON	2:08.79	TOM LYNDON	62	ELLIOTT SCHOFIELD	71
THOMAS MACK	35	JOHN ZELL	37	CLARA WALKER	68	MARIAN BRENNER	63
CONSTANCE HALLETT	35	S.COOPER	44	DIANE REED	63	MARIE WICKLUND	80
BELLA MARLOW	33	K.LOONEY	46	DC MASTERS	2:21.06	WAYNE SHADBOLT	70
VIRGINIA	1:57.70	MARK WREN	35	LEE BETTIS	56	WALNUT CREEK	3:04.42
MICHAEL COOK	31	NIAGARA MASTERS	2:09.27	NANCY CLARK	80	HAROLD BOSCOVICH	52
MICHAEL SLOWEY	36	SUSAN POLIZZOTTO	27	JAYNE BRUNER	60	JEAN DURSTON	80
DIANE CAYCE	38	RICHARD BROOKS	50	JOHN CALVERT	48	SALLY JOY	76
LISA BENNETT	38	NANCY CONANT	38	SAN DIEGO SWIM	2:26.27	BILL JOHNSTON	76
CONNECTICUT	1:58.45	TOM MEADE	46	RICHARD LABAHN	65	LINCOLN MASTERS	3:16.44
JAMES CAMPBELL	40			ADRIENNE PIPES	60	DAVID MALBROUGH	81
JILL LEMONE	27	200-239		BETSY JORDAN	57	CLARA SOTAK	69
DEBORAH HOWARD	35	R:LOS ALTOS	94 1:55.50	DONALD BAKER	63	HANNELORE SNYDER	63
STUART BARTON	26	EDWARD CAZALET		VIRGINIA	2:34.83	GEORGE GANDSEY	70
GREATER INDIANA	1:58.62	LAURA VAL		MARIE KELLEHER	81	NIAGARA	3:18.59
BARRY KING	28	ARLENE PROEBSTING		WILLIAM IRWIN	66	JOHN CRANCH	72
NAN WITCHER	39	ROBERT PROEBSTING		JOHNNIE DETRICK	58	MAURE O'DONNELL	62
DEBBI KAVANAUGH	29	LOS ALTOS	1:55.50	JIM MILLER	44	GEORGE BAUMAN	80
JOEL STAGER	41	EDWARD CAZALET	51	OSB	2:35.34	NAN SCHOEPPERLE	69
WALNUT CREEK	1:58.76	LAURA VAL	42	RUTH BAAR	71	LBM	3:18.67
SUZANNE HEIM	36	ARLENE PROEBSTING	51	MALCHIA OLSHAN	63	SAMUEL SPIEGEL	73
MINDY HAMWAY	35	ROBERT PROEBSTING	56	HARRY DELATRE	48	MADELEINE MILLER	83
PAUL TUREK	30	SAN DIEGO SWIM	2:04.56	JOHN BLECK	61	GLORIA MARIENTHAL	69
STEVE BREITER	38	DONALD BAKER	63	ST PETE	2:37.63	EMILE ACHEE	67

TOP TEN

Long Course Meters

HOLMES LUMBER	3:21.71	ROY BERG	25	ELAINE FONG	36	ARLELE PROEBSTING	
J. GLARATON	67	PAM BERG	26	TYRONE BROWN	30	LOS ALTOS	2:14.32
FRANK TILLOTSON	79	LAKESIDE MASTER	2:18.76	KERRI NAUFUL	37	EDWARD CAZALET	51
WILLIAM GRANT	80	SUZANNE HAWKINS	27	VEN	2:17.40	TOM BOAK	50
VIKKEE SULLIVAN	77	MIKE O'TOOLE	19	TERRI ELLIS	26	CAROLYN BOAK	49
		CHRIS BURCKLE	37	CAROLE SHIGAKI	39	ARLENE PROEBSTING	51
320-359		SUSAN AUGUSTUS	27	MARK KUBOJA	39	ST PETE	2:26.47
R:D C MASTERS	93 3:03.15	VEN	2:23.17	DAVID KASTIGAR	30	PETER BETZER	52
NANCY CLARK		DAVID KOCKER	36	NEW ENGLAND	2:18.15	LESLIE TREAT	45
ANNE WALKER		MEREDITH TAKARA	24	ROBERT CROWDER	38	H. JACK PYHEL	50
KELLY LEMMON		TERENCE YOUNG	28	KARLA BLACK	38	JAYNE LAMBKE	54
DAVID MCAFEE		LARA FORMAN	25	WILLIAM TYLER	35	SAN DIEGO SWIM	2:32.02
SAN MATEO	3:24.78	ALH	2:23.51	NANCI SIROIS	36	KENNETH KIMBALL	63
AUDREY ETIENNE	77	TINA ESSEX	23			DONALD BAKER	63
HELEN ROUMASSET	79	PIERRE SMITH	39	160-199		KARLYN PIPES	32
JOE KAUFMAN	89	JOAN VAN HALEN	25	R:SPM	92 2:02.86	VIRGINIA BURNS	43
RAY TAFT	75	M. HOLLINGSWORTH	30	JUDY STEFANICK		NIAGARA	2:32.41
ST PETE	3:54.45	CAMC	2:26.90	ARTHUR HALTTUNEN		GLENNA LEQUS	40
JAMES MITCHELL	82	KIMBERLY THOMAS	20	WILLIAM SPECHT		J VANLANDINGHAM	60
KAY SCHIMPF	77	GEORGE PEIRO	21	ANNE PAGE		JUDY HOOPER	36
WIN KENNEDY	81	GARY REESE	28	TEXAS AQUATICS	2:10.15	JAMES PITTS	64
FRED WALBOLT	81	CHERI PRICE	41	KARLENE WISE	40	BUCKEYE MASTERS	2:35.76
*****		LOUISVILLE Y	2:30.72	LARRY WOOD	40	M. JANE BAKI	39
RELAYS: MIXED 200 M. MEDLEY		DENNIS DIXON	27	KEITH BELL	45	ANN GUINS	40
*****		RANDALL SCHERER	33	S. NEILSON-BELL	38	THOMAS TRIPP	52
76 - 99		DANA FRANKS	20	SUNCOAST MASTER	2:10.81	EDWARD HABAN	69
R:UNIV SAN FRAN	92 2:02.31	SHAWN O'BANNON	34	DEB WALKER	43	ST LOUIS	2:37.02
GARY YANG		RALEIGH AREA	2:31.40	RICK WALKER	43	WILLIAM CANNON	64
JANET HAUER		BOB IRONS	27	KEVIN MCCORMACK	41	LESLIE COOPER	34
GREG MACKEM		ROBYNNE SIMPSON	26	LYNN CARTEE	47	ARDETH MUELLER	53
CYNTHIA HINSHAW		ANITA IRONS	30	ST PETE	2:14.06	ROBERT BLAKE	69
ORLM	2:10.97	ANDREW FARRELL	23	WILLIAM SPECHT	36	MICHIGAN MASTER	2:41.41
PAUL ROBINSON	26			ELAINE BROWNHIC	51	BEVERLY MYERS	59
F. CHARMFOROOSH	28	120-159		BRIAN VAILE	32	CHARLES MOSS	66
JENNIFER HUGUS	25	R:D.C. MASTERS	85 1:58.03	JAYNE LAMBKE	55	THOMAS SCHARDT	26
DANIELLE SIRBU	20	THOMAS WOLF		LAKESIDE MASTER	2:14.82	FREDERICKA RAPP	50
VEN	2:17.43	MATTHEW KANZLER		WILLIAM TINGLEY	43	RALEIGH AREA	2:44.64
NEIL REGAN	24	SUSAN SKIFF		MARY CHRIS CURL	37	CEIL BLACKWELL	53
LARS GRONHOLM	24	JACKI HIRSTY		JOHN NOLAN	45	DICK WEBBER	65
DAN BORTON	26	DC MASTERS	2:07.38	PAM MARTIN	36	SALLY NEWELL	56
ROBYN GARINGER	21	JOHN CALVERT	48	NIAGARA	2:16.19	PHIL EISENHART	51
LMM	2:28.32	CHERYL CONLIN	26	BRIDGET ROBBINS	24	NEW ENGLAND	2:45.47
JOHN LAPP	25	SUSAN SKIFF	40	DAN WALTERS	49	TRACY GRILLI	37
CHESSE KONOLD	21	MANUEL PARDO	24	CARO PFLUGHEBER	41	BARR CLAYSON	59
BYRON KONOLD	23	ASHBURN VILLAGE	2:08.73	RICHARD BROOKS	50	HOMER LANE	45
LYNN KILLIAN	29	LAURA SCHWEE	32	VIRGINIA	2:16.73	ELINOR WRIGHT	70
HUMU	2:34.15	ROB CHENAULT	31	MIKE DUGNAN	48	EMPIRE STATE	2:49.93
BRENDON EWERS	24	ROBERT WHITTERS	41	MICHAEL SLOWEY	36	MARIE VELLUCCI	45
JULIA NEFCZYK	24	SUZANNE NEWELL	35	DIANE CAYCE	38	WALTER LYNCH	73
KEITH KLIPFEL	28	CONNECTICUT	2:10.31	LISA BENNETT	38	LEONARD HANDEL	53
KARLIE HEINZ	19	DONALD SKEOCH	31	WESTERN PENN	2:20.05	DONNA TRICARICO	34
		ELIZABETH FRY	35	ANDRE WEISBROD	45		
100-119		DONNA NEARY	38	JACK MCINTYRE	48	240-279	
R:HOUSTONIAN CLUB90	1:56.50	MICHAEL NOMURA	26	JACKIE GIDAS	40	R:NEW ENGLAND	88 2:29.30
CLAY BRITT		COLONIALS-1776	2:11.27	Laurie Robinson	37	CLARA WALKER	
L WETZEL-OSBORNE		STU MARVIN	38	SDSM	2:20.66	TED HAARTZ	
STUART KNOWLES		AMY GRACE	35	VICKY DAVIDSON	29	WIN WILSON	
REBECCA WETZEL		JOSEPH THIER	30	LLOYD SKRAMSTAD	60	DIANE REED	
MINNESOTA	2:02.73	CHRIST SCHROEDER	45	MATHILDE BOUWMA	26	DC MASTERS	2:39.85
KRISTINE ROGGE	25	NIAGARA	2:13.02	BILL EARLEY	57	LEE BETTIS	56
MICHELE HEMMING	27	JOHN SIMM	38	OREGON	2:24.57	JAYNE BRUNER	60
MICHAEL HESS	33	WENDY RYAN	37	JOHN ZELL	37	ROBERT BENNETT	51
TOM DUXBURY	33	RICHA FORRESTEL	37	ALLEN STARK	45	ANNE WALKER	78
CRESCENT HILL	2:13.65	ELLE PFLUGHEBER	36	SANDI ROUSSEAU	46	VIRGINIA	2:42.23
TONY SIEBEL	26	ST PETE	2:13.69	PETEY SMITH	70	BETSY DURRANT	52
GINA MARIE GATTI	31	BRIAN VAILE	32	MACO	2:24.91	JOHNNIE DETRICK	58
JEFF HOGG	29	LISA HUDAK	29	JEFF STILING	34	FORRES SULLIVAN	64
MICHELLE WARD	25	WILLIAM SPECHT	36	EVELYN SINAI	54	WILLIAM IRWIN	66
BOLT	2:15.60	SHERI PREDMORE	27	TERI HENDRYX	41	SAN DIEGO SWIM	2:45.55
KERRY FRITSCHER	25	LAKESIDE MASTER	2:13.84	DAVE DRAKE	42	BETSY JORDAN	57
ROBERT FRITSCHER	26	CAROLINE DONNELLY	32			DONALD BAKER	63
DAVID HINYUP	31	RUSSELL WILLIAMS	34	200-239		ADRIENNE PIPES	60
ROBIN ROBINSON	23	SAM BLYTHE	35	R:LOS ALTOS	94 2:14.32	RICHARD LABAHN	65
INLAND EMPIRE	2:16.23	AMY POPE	34	EDWARD CAZALET		MICHIGAN	2:45.65
DAVID NICHOLS	28	ALHAMBRA	2:16.04	TOM BOAK		BEVERLY MYERS	59
ELIN ZANDER	40	STEVE LATTA	27	CAROLYN BOAK		CHARLES MOSS	66

TOP TEN

Long Course Meters

LOIS NOCHMAN	69	ELMER FROST	71	R:SAN DIEGO	91	4:26.33			
DENNIS MCMAHUS	46	JOYCE CONSTANCE	61	M. STINCHCOMBE			100-119		
CONNECTICUT	2:51.95	MAURICE STERN	78	BARBARA DUNBAR			R:WALNUT CREEK	90	4:36.14
NANCY PHILLIPS	73	WALNUT CREEK	8:08.85	BETH KNIGHT			PAM BOSCOVICH		
LENRO GOLDSTONE	65	JEAN DURSTON	80	DONALD BAKER			JON JAKUES		
MICHAEL LAUX	52	SALLY JOY	76	SOUTHWEST	5:15.48		KERRY O'BRIEN		
SUZANNE GRAHAM	67	SANDO	60	FRED SHAW	48		PAULA ROEMER		
NEW ENGLAND	2:53.44	BILL JOHNSTON	76	TERESA FRIAS	22		DAVIS AQUATIC	5:23.68	
CAROL ADAMS	50			STEVEN SCHOFIELD	62		JENNIFER COLLINS	25	
MARIAN COAKLEY	56	320-359		CRISTI BELLOLI	33		BILL WEBER	22	
TED HAARTZ	66	R:SAN MATEO	94	GOLD COAST	5:20.87		MICHAEL COLLINS	28	
JAMES EDWARDS	71	JOE KAUFMAN		PHILIP LINDSLEY	61		A MACKOVJAK	29	
COLONIALS-1776	2:53.72	HELEN ROUMASSET		PATRICIA HOGAN	24		VEN	5:32.41	
JEANNE MERRYMAN	71	RAY TAFT		TRICIA HOLM	34		NEIL REGAN	24	
NORMAN GARSOE	70	AUDREY ETIENNE		JOE HUTTO	42		ROBYN GARINGER	21	
BARBARA HOELLEN	51	SAN MATEO	3:57.45	HSAM	6:39.76		DAN BORTON	26	
BIRCH DAVIDSON	75	JOE KAUFMAN	89	MOZE MOSSAY	40		DAVID KOCKER	36	
CONNECTICUT	2:59.23	HELEN ROUMASSET	79	RUDOLPH SAPPER	61		CAMC	5:42.05	
ELLIOTT SCHOFIELD	71	RAY TAFT	75	SHERRY BROTHERS	36		KIMBERLY THOMAS	20	
CHRISTIE SLIMAK	46	AUDREY ETIENNE	77	CECILY MCNEIL	49		GEORGE PEIRO	21	
WAYNE SHADBOLT	70	ST PETE	4:42.88				GARY REESE	28	
MARIAN BRENNER	63	JAMES MITCHELL	82	200-239			CHERI PRICE	41	
ST PETE	3:03.68	WIN KENNEDY	81	R:LINCOLN	90	4:56.69			
BARBARA ALLEN	61	KAY SCHIMPF	77	BETTY BENNETT			120-159		
ABRASHA BRAININ	71	FRED WALBOLT	81	IRENE DAVID			R:HEARTLAND	93	4:35.74
ALAN MALONEY	65	*****		BILL MULLIKEN			VICKY DAVIDSON		
BARBARA PRESCOTT	43	RELAYS: MIXED 400 M. FREE		PAUL HUTINGER			PATTY STARKS		
ST PETE	3:11.00	*****		O'H*1*O MASTERS	6:32.81		RON SCHAFEE		
HAROLD FERRIS	63	76 - 99		MARIANNE BROGAN	59		LEE MENCH		
J.G. PIPER	57	R:DAVIS AQUATIC	93	BETTY KAKOS	63		RINCONADA	5:13.84	
C.H. KOHNKEN	62	CHRIS MORGAN		GERALD MEYER	49		FRED FARLEY	40	
KATE KNIGHT-PERRY	59	MICHAEL COLLINS		JULIO APONTE	49		KAI CHING CHU	23	
		CHRIS SCHULTZ		GOLD COAST	6:40.51		CHRIS KANAZAWA	27	
		JENNIFER NORRIS		SHEP RICHARD	51		BILL LORTON	51	
280-319		NO RELAY TEAMS		M.SANFORD-CARLTON	50		SANTA CRUZ	5:15.62	
R:O'H*1*O	93			CARL HOUSE	55		BECCA STEINKAMP	25	
BETTY RUSS				PATRICIA RICHARD	49		MARTIN LIVESEY	28	
LILLY KRON							ELAINE WIMER	32	
PAUL KRUP							BILL DRULIAS	42	
DEXTER WOODFORD				240-279			STRAWBERRY CANY	5:49.29	
OREGON	2:42.08NV			R:OREGON	89	5:28.68	SUSAN GARFIN	54	
EARL WALTER	73			PETEY SMITH			MARK LYNCH	34	
A.HOLDEN	75			GIL YOUNG			GRACE MOON	23	
P.STANGEL	72			EARL WALTER			JIM MEANY	35	
PETEY SMITH	69			BARBARA FRID			GOLD COAST	6:55.47	
HOLMES LUMBER	3:01.22			SAN DIEGO SWIM	5:52.46		MICHELLE BEKOFF	28	
RICHARD AVERY	71			RICHARD LABAHN	65		JOHN CERAULO	33	
GERTRUD ZINT	76			ADRIENNE PIPES	60		DEBBIE LAKE	30	
ROGERS HOLMES	72			BETSY JORDAN	57		ROBERT NICHOLS	44	
FLORENCE CARR	69			DONALD BAKER	63				
O'H*1*O MASTERS	3:03.95			OSB	6:30.45				
BETTY RUSS	67			RUTH BAAR	71		160-199		
LILLY KRON	62			JOHN MELVILLE	74		R:SAN DIEGO	91	4:55.94
PAUL KRUP	76			MALCHIA OLSHAN	63		BETSY JORDAN		
DEXTER WOODFORD	80			HARRY DELATRE	48		RONALD MARCICIC		
NIAGARA	3:10.32						M. STINCHCOMBE		
DONALD AGATE	73			280-319			BETH KNIGHT		
GEORGE MCVEY	67			R:SAN MATEO	89	6:08.62	SOSM	5:34.71	
BETTY DUNN	69			AUDREY ETIENNE			VICKY DAVIDSON	29	
SUE MARVEL	74			RAY TAFT			DONALD BAKER	63	
CONNECTICUT	3:11.67			ZADA TAFT			MATHILDE BOUJMA	26	
MARIE WICKLUND	80			FRED TAIOLI			BILL EARLEY	57	
MARGIT JEBE	56			NO RELAY TEAMS			RINCONADA	6:01.08	
ROBERT HARRIS	71			*****			KATHERINE BASS	42	
ROBERT KNAPP	77			RELAYS: MIXED 400 M. MEDLEY			KERRY FALLA	39	
HOLMES LUMBER	3:45.52			*****			DAVE MARKER	36	
FRANK TILLOTSON	79			76 - 99			SUSAN SPRINGER	55	
J.GLARATON	67			R:UNIV SAN FRAN	91	4:36.72	JERSEY MASTERS	6:08.59	
WILLIAM GRANT	80			CYNTHIA HINSHAW			CLAUDIA FEELEY	38	
VICKEE SULLIVAN	77			JOHN DEARBORN			LOUIS ABEL	58	
RALEIGH AREA	4:20.23			DEAN PANZICA			LARRY SEIDMAN	47	
DUDLEY DEAN	68			JANET HAUER			KATHY KELLY	45	
JUDY KELLY	69			DAVIS AQUATIC	4:52.77		GOLD COAST	6:17.31	
BUZ CATLIN	79			BRIAN NABETA	24		PATRICIA HOGAN	24	
DICK WEBBER	65			DARREN MOUNTS	23		JOE HUTTO	42	
BOLT	5:22.38			C SCHULTZ	23		TRICIA HOLM	34	
MARGARET BROU	71			ERICA WOODS	24		PHILIP LINDSLEY	61	

TOP TEN

Long Course Meters

WISCONSIN	6:28.47	76 - 99	CECILY MCNEIL	49
EDITH JACOBSEN	46	R:DAVIS AQUATIC 94	9:13.51	
JIM OLSON	51	DARREN MOUNTS		200-239
RICHARD THEIDE	53	CHRISTINE SCHULTZ		R:SAN DIEGO 93
NANCY KRANPITZ	49	ERICA WOODS		10:55.90
		BRIAN NABETA		BILL EARLEY
200-239		DAVIS AQUATIC	9:13.51	BETSY JORDAN
R:D C MASTERS 93	5:18.22	DARREN MOUNTS	23	KARLYN PIPES
LEE BETTIS		C SCHULTZ	23	DONALD BAKER
JOANN LEILICH		ERICA WOODS	24	DAVIS AQUATIC
ROBERT BENNETT		BRIAN NABETA	24	11:22.02
ANN LYTTLE				MARY HORTON
DAVIS AQUATIC	5:59.36	100-119		SUSAN MUNN
SUSAN MUNN	55	R:SANTA CRUZ 89	9:17.66	51
EMORY HAWORTH	58	MIKE BENNETT		SUSAN MUNN
ANDREW MCPHERSON	47	LISA MCDAVID		55
MARY HORTON	51	MARGUERITE MEYER		LEE FITZHUGH
WALNUT CREEK	6:10.69	JON MELTON		56
CAROL LAIRD	52	VEN	9:38.13	ANDREW MCPHERSON
JACK LANCE	51	LARS GRONHOLM	24	47
JIM KING	48	NEIL REGAN	24	MICHIGAN
J.DESBARATS	51	CAROLE SHIGAKI	39	11:43.97
O*H*I*O MASTERS	7:21.95	DAVID KASTIGAR	30	BEVERLY MYERS
JULIO APONTE	49			59
DAN PER-LEE	50	120-159		FREDERICKA RAPP
BETTY KAKOS	63	R:HEARTLAND 93	9:10.24	50
MARIANNE BROGAN	59	LEE MENCH		THOMAS MOYER
GOLD COAST	7:54.17	LARRY TAGGESELL		46
PATRICIA RICHARD	49	VICKY DAVIDSON		DONALD KROEGER
SHEP RICHARD	51	PATTY STARKS		50
CARL HOUSE	55	LONG BEACH SWIM	10:28.31	O*H*I*O MASTERS
M.SANFORD-CARLTON	50	BECKY BLACK	32	14:17.94
		VALERIE HARVEY	31	BETTY KAKOS
240-279		MICHAEL HEATHER	40	63
R:WALNUT CREEK 92	6:07.19	BERT BERGEN	27	MARIANNE BROGAN
DON BROWN		ALH	10:59.27	59
ANN PISCIOITTA		WENDY STONESIFER	35	GERALD MEYER
STAN MORNER		KAREN WOODS	28	49
BETTY BARABASH		R.SCHWANTNER	33	JULIO APONTE
SAN DIEGO SWIM	6:59.23	TODD OLSON	29	49
BETSY JORDAN	57	FLA GOLD	11:37.11	FLA GOLD
LLOYD SKRAMSTAD	60	TRICIA HOLM	34	14:27.99
ADRIENNE PIPES	60	PATRICIA HOGAN	24	PHILIP LINDSLEY
RICHARD LABAHN	65	JOHN SERAOLAO	33	61
		JOE HUTTO	42	SHEP RICHARD
280-319				51
R:RINCONADA 92	7:18.33	160-199		PATRICIA RICHARD
PATSY WEISS		R:SAN DIEGO 91	9:32.88	49
ALDO DA ROSA		CAMILLE THOMPSON		M.SANFORD-CHARLTO
SALLY SCHOLER		BARBARA DUNBAR		40
HANK HEINEKEN		DARRELL SWENSON		
WALNUT CREEK	8:08.85	WILLIAM BEHUN		240-279
JEAN DURSTON	80	SANTA CRUZ	11:39.55	R:GOLD COAST 94
SALLY JOY	76	MARGERY MEYER	71	11:35.20
SANDO	60	DAMON MCGUIRE	45	ANNE MCGUIRE
BILL JOHNSTON	76	ANN HEMINGTON	32	59
LONG BEACH MAST	9:21.58	JOHN PARKER	31	JUNE KRAUSER
MAURINE KORNFELD	72	DAVIS AQUATIC	12:19.59	68
MADELEINE MILLER	83	DAVE WOODRUFF	37	HERB KERN
WALTER PFEIFFER	80	LINDA HOOD	35	62
LOUIS GIBERSON	73	JOYCE HAWORTH	56	ERNIE LESKOVITZ
		SCOTT HARRIS	40	57
320-359		MICHIGAN MASTER	12:25.71	SAN DIEGO SWIM
R:D C MASTERS 93	8:52.61	FREDERICKA RAPP	50	12:53.91
ANNE WALKER		THOMAS MOYER	46	RICHARD LABAHN
KELLEY LEMMON		P.STRICKLAND	53	65
ELSA MATTILA		DONALD KROEGER	50	ADRIENNE PIPES
BERT KASSELL		FLA GOLD	12:29.12	60
SAN MATEO	9:14.19	ANITA ALLEN	40	BETSY JORDAN
JOE KAUFMAN	89	DEBBIE LAKE	30	57
HELEN ROUMASSETT	79	ROBERT NICHOLS	44	DONALD BAKER
RAY TAFT	75	CARL HOUSE	55	63
AUDREY ETIENNE	77	HSAM	14:50.85	ST PETE
*****		MOZE MOSSAY	40	14:49.18
RELAYS: MIXED 800 M. FREE		RUDOLPH SAPPER	61	SANDY STEER
*****		SHERRY BROTHERS	36	55
				W.P. WALLACE
				67
				BARBARA ALLEN
				61
				C.H. KOHNKEN
				62
				280-319
				R:SAN MATEO 89
				14:26.78
				AUDREY ETIENNE
				FRED TATOLI
				ZADA TAFT
				RAY TAFT
				NO RELAY TEAMS
				320-359
				R:SAN MATEO 94
				17:09.50
				AUDREY ETIENNE
				JOSEPH KAUFMAN
				HELEN ROUMASSET
				RAYMOND TAFT
				SAN MATEO
				17:09.50
				AUDREY ETIENNE
				77
				JOE KAUFMAN
				89
				HELEN ROUMASSETT
				79
				RAY TAFT
				75

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

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