

\$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 92	39.17 ANNE LAWRENCE 24	1:09.73 ALISON ZAMANIAN 24	2:23.53 TRISH SEUBERT 25
28.53 MICHELLE DAVID 24	100 M. BACK WOMEN 19-24	1:10.76 JACQUELINE BAK 24	2:24.22 DIANNE WYGAL 28
28.55 KIM JOHNSON 24	1:06.09 DAWN BRACIAK 87	1:11.54 BRIDGET ROBBINS 24	2:24.81 MICHELLE GHIGGERI 25
28.73 SARAH ANDERSON 24	1:12.91 JACQUELINE BAK 24	1:12.45 MICHELLE DAVID 24	400 M. FREE WOMEN 25-29
28.82 KANA SHIBUYA 22	1:14.68 BRIDGET ROBBINS 24	1:12.98 KIM JOHNSON 24	4:27.53 SARA SHAND 89
29.39 KATHRIN LAMMERS 24	1:15.16 HEATHER O'BRIEN 23	1:15.85 CHRISTINE SCHULTZ 22	4:39.38 SHELLY SCHAFFER 27
29.84 BRIDGET ROBBINS 24	1:19.03 TINA ESSEX 23	1:20.20 CARI LINDAHL 21	4:42.99 JANE KLEINE 29
30.20 TRISH KLASMEIER 24	1:20.61 CHRISTINE SCHULTZ 23	1:20.79 SHELLY CARDEN 19	4:55.89 SUSIE RABIAH 27
30.32 MEREDITH GARDNER 24	1:20.74 IVANOVA FEBRES 19	1:20.82 JENNIF GREENFIELD 19	4:59.57 S.MUNATONES 29
30.45 SHELLY CARDEN 19	1:22.01 JENNIFER DILLS 22	200 M. FLY WOMEN 19-24	5:04.52 CAROLYN GRAVES 29
30.59 JENNIF GREENFIELD 19	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 90	1:22.67 PATRICIA HOGAN 24	2:37.11 CASSIE CALLENDER 24	5:06.43 S THOMAS 27
1:00.82 SARAH ANDERSON 24NV	200 M. BACK WOMEN 19-24	2:37.28 KANA SHIBUYA 22	5:07.02 LYNN JOLLY 28
1:03.34 MICHELLE DAVID 24	2:26.62 MICHELLE DONAHUE 92	3:08.57 MEREDITH TAKARA 24	5:07.17 JENNIFER HUGUS 25
1:03.77 KANA SHIBUYA 22	2:33.48 ALISON ZAMANIAN 24	3:10.41 JENNY MUELLER 23	800 M. FREE WOMEN 25-29
1:04.93 GRACE MOON 23	2:39.82 BRIDGET ROBBINS 24	3:11.92 HEATHER PERRY 23	9:18.43 SARA SHAND 89
1:06.78 KIM FAIRCLOTH 23	2:40.57 HEATHER O'BRIEN 23	3:54.58 DANA FRANKS 20	9:45.10 SHELLY SCHAFFER 27
1:07.00 HEATHER WOLFENDEN 24	2:48.52 KAREN HEARD 23	200 M. I.M. WOMEN 19-24	9:46.31 JANE KLEINE 29
1:07.27 SHELLY CARDEN 19	2:51.05 CHRISTINE SCHULTZ 23	2:29.90 MICHELLE DONAHUE 92	10:21.04 CARMEN BRUN 27
1:07.32 TRISH KLASMEIER 24	2:53.00 BETHANY WILLISTO 23	2:32.47 KATHRIN LAMMERS 24	10:36.09 S THOMAS 27
1:07.65 GINA DIERSING 24	2:54.44 PATRICIA HOGAN 24	2:35.86 ALISON ZAMANIAN 24	10:37.03 LYNN JOLLY 28
1:08.05 BETHANY WILLISTO 23	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 87	2:59.49 KAROLINE HENRY 24	2:41.36 BECKY WOOD 24	11:06.71 CARRIE FLEMING 26
2:11.50 SARAH ANDERSON 24NV	50 M. BRST WOMEN 19-24	2:43.10 KAREN HEARD 23	11:33.71 TABITHA JACOBUS 26
2:15.10 ALISON ZAMANIAN 24	35.22 TRACEY MCFARLANE 91	2:44.92 KIM FAIRCLOTH 23	11:33.86 STEPHANIE COYLE 25
2:18.04 CASSIE CALLENDER 24	36.10 BECKY WOOD 24	2:45.41 CHRISTINE SCHULTZ 23	1500 M. FREE WOMEN 25-29
2:19.52 KANA SHIBUYA 22	37.48 KATHRIN LAMMERS 24	2:45.56 JACQUELINE BAK 24	17:38.78 AMY POPE 88
2:22.48 BRIDGET ROBBINS 24	38.52 GRACE MOON 23	2:45.63 HEATHER O'BRIEN 23	18:18.81 SHELLY SCHAFFER 27
2:26.62 E.THUNEN-FRENCH 19	38.76 KAREN HEARD 23	400 M. I.M. WOMEN 19-24	19:10.25 JANE KLEINE 28
2:26.83 KIM FAIRCLOTH 23	39.27 TRISH KLASMEIER 24	5:18.36 ALISON ZAMANIAN 94	19:49.41 BROOKE BOWMAN 27
2:28.06 SAMANTHA ROYER 23	40.53 KIMBERLY MONAGHAN 24	5:18.36 ALISON ZAMANIAN 24	20:25.54 SHERI PREDMORE 27
2:33.42 DENISE THOMPSON 22	40.75 SHELLY HOPKINS 23	5:29.94 KATHRIN LAMMERS 24	21:07.16 LAURA ANNING 26
2:33.46 BETHANY WILLISTO 23	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 92	41.98 CHRISSEY HALL 24	5:46.41 CHRISTINE SCHULTZ 22	22:02.83 JILL ROELLIG 26
4:40.89 ALISON ZAMANIAN 24	100 M. BRST WOMEN 19-24	5:47.68 KANA SHIBUYA 22	22:18.88 CINDY RILEY 26
4:45.65 KATHRIN LAMMERS 24	1:18.44 TRACEY MCFARLANE 91	5:50.79 HEATHER O'BRIEN 23	22:19.75 CECELIA COLEMAN 27
4:46.63 CASSIE CALLENDER 24	1:20.72 BECKY WOOD 24	6:00.87 ESTHER SMITH 21	50 M. BACK WOMEN 25-29
5:02.56 BRIDGET ROBBINS 24	1:23.69 KAREN HEARD 23	6:23.01 DENISE THOMPSON 22	30.80 DIANE GRANER 89
5:05.00 BETHANY WILLISTO 23	1:23.83 GRACE MOON 23	6:31.65 KIMBERLY MONAGHAN 24	31.55 MARTIE MC KINNEY 29
5:12.04 CHRISTINE SCHULTZ 22	1:24.49 KATHRIN LAMMERS 24	*****	33.73 ALICIA WALKER 25
5:17.38 GINA DIERSING 24	1:25.42 ESTHER SMITH 21	50 M. FREE WOMEN 25-29	34.09 BETH GARDNER 29
5:20.87 NIA TARADASH 24	1:26.51 BETSY HONDORF 24	26.68 SARA SHAND 91	34.28 LARA BIGLEY 26
5:23.20 JENNY MUELLER 23	1:27.17 CHRISTINE SCHULTZ 22	27.51 MICHELLE CHOW 26	34.98 MICHELLE CHOW 26
5:25.27 GEANIE YOUNG 24	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 94	1:28.18 KIM FAIRCLOTH 23	29.52 MICHELE HUYETTE 26	35.77 M.ARRASCODA 28
9:31.25 ALISON ZAMANIAN 24	200 M. BRST WOMEN 19-24	29.54 TRISH SEUBERT 25	35.85 LORI TERLOUW 29
10:50.63 ANNE OBERG 22	2:51.20 LOUISE KEOGH 93	29.58 NANCY BUCHHOLZ 27	36.06 TERI ELLIS 26
10:59.52 KAREN HEARD 23	2:58.75 KAREN HEARD 23	29.82 KATHY ZUBATUK 29	100 M. BACK WOMEN 25-29
11:02.63 GINA DIERSING 24	3:03.33 CHRISTINE SCHULTZ 22	29.84 LAURA MCKEEVER 27	1:07.32 DIANE GRANER 89
11:13.32 PATRICIA HOGAN 24	3:05.43 ESTHER SMITH 21	29.86 SUSIE RABIAH 27	1:07.67 MARTIE MC KINNEY 29
11:25.10 DENISE THOMPSON 22	3:08.31 KIMBERLY MONAGHAN 24	29.89 VICKY DAVIDSON 29	1:12.68 VICKY DAVIDSON 29
12:29.04 ALISON BENKE 23	3:09.09 BETSY HONDORF 24	100 M. FREE WOMEN 25-29	1:15.20 KRISTINA SANDLIN 26
13:06.00 APRIL RUSCH 23	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 94	3:28.98 ROBIN ROBINSON 23	1:02.29 MARTIE MC KINNEY 29	1:17.58 BETH GARDNER 29
18:17.40 ALISON ZAMANIAN 24	3:29.38 ROBYN GARINGER 21	1:03.35 SUSIE RABIAH 27	1:18.65 NANCY BUCHHOLZ 27
20:11.71 E.THUNEN-FRENCH 19	3:29.74 GINA LEGGIO 21	1:04.42 LIESA BENN 29	1:18.65 CARMEN BRUN 27
20:28.35 SAMANTHA ROYER 23	50 M. FLY WOMEN 19-24	1:04.62 MICHELE HUYETTE 26	1:19.13 SUSIE RABIAH 27
20:36.21 CHRISTINE SCHULTZ 23	30.03 SUNNY SMILEY 93	1:04.84 NANCY BUCHHOLZ 27	1:19.43 J.VANDERMOLEN 27
20:49.19 GINA DIERSING 24	30.16 KANA SHIBUYA 22	1:05.26 TRISH SEUBERT 25	200 M. BACK WOMEN 25-29
21:44.10 DENISE THOMPSON 22	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 WYGAL 28	2:26.62 MARTIE MC KINNEY 29
31.55 TORI SMITH 90	32.68 SARAH ANDERSON 24	1:06.18 BROOKE BOWMAN 27	2:43.23 CARMEN BRUN 27
34.48 MICHELLE DAVID 24	32.87 TRISH KLASMEIER 24	200 M. FREE WOMEN 25-29	2:45.81 S.MUNATONES 29
34.66 BRIDGET ROBBINS 24	33.20 BRIDGET ROBBINS 24	2:07.11 SARA SHAND 89	2:47.01 LARA BIGLEY 26
35.77 HEATHER O'BRIEN 23	33.29 BETSY HONDORF 24	2:15.17 SHELLY SCHAFFER 27	2:51.31 J.VANDERMOLEN 27
36.84 IVANOVA FEBRES 19	33.35 CARI LINDAHL 21	2:17.17 JANE KLEINE 29	2:54.26 DEBORAH HEIM 25
37.13 E.THUNEN-FRENCH 19	33.55 KIM FAIRCLOTH 23	2:19.88 LIESA BENN 29	2:56.49 DIANA LUCAS 27
37.17 STACY CHOW 24	33.80 ERICA WOODS 24	2:20.73 MICHELE HUYETTE 26	3:01.56 ELIZABETH HOWARD 28
37.27 CHRISTINE SCHULTZ 23	100 M. FLY WOMEN 19-24	2:21.78 STACY COSTA 25	3:02.43 SUZANNE HAWKINS 27
38.46 NELL REGAN 24	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 AMRY 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. BACK 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	6:15.37 KATHI BULLOCK 40	24:25.43 BARBARA LARSEN 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 FREDERICKA 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 52	4:15.63 PAT WHITE MALEY 51	6:31.51 JOANN LEILICH 55
200 M. FREE WOMEN 50-54	3:08.25 SARAH BROUGHNER 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 FREDERICKA 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 FREDERICKA 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 FREDERICKA RAPP 50	1:35.51 N. BROOKS 51	7:38.10 FREDERICKA 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 JEBE 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 BROUGHNER 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 MARYLYN 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 BROUGHNER 52	1:21.36 CHARLOTTE JENKINS 55	1:48.36 PATRICIA TULLMAN 57
27:06.01 FREDERICKA 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 Bruner	55	28:58.12 Nancy Durstein	64	4:25.31 Peggy Buchannan	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	3:38.76 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



# TOP TEN

## 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 76	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

# TOP TEN

## 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		30:55.09 ANNA BAUSCHER	91	17:12.51 JAMES ALLEN	91
1:26.61 KATHERINE OLANDER	81	10:05.13 MAXINE MERLINO	92	50 M. BACK WOMEN 90-94		20:12.60 JEFF SCHUBERT	22
1:37.67 F DOROTHY RIORDAN	82	10:20.22 JEAN DURSTON	80	1:42.49 ANNA BAUSCHER	94	20:13.36 BARRY HULCE	24
1:48.85 MARGOT LENIGK	82	13:21.90 HILDA BUEL	80	1:42.49 ANNA BAUSCHER	91	20:32.51 MICHAEL LEMONS	22
100 M. BACK WOMEN 80-84		14:04.95 ANNE WILDER	80	200 M. BACK WOMEN 90-94		20:34.46 EDWARD AMES	24
2:05.73 MARIE WICKLUND	94	23:53.13 GERALDINE TURNER	83	10:47.76 PEARL MILLER	89	22:04.89 MICHAEL GREEN	24
2:05.73 MARIE WICKLUN	80	*****		NO SWIMMERS		22:05.97 JOHN ARGRAVES	20
2:32.09 NANCY CLARK	80	50 M. FREE WOMEN 85-89		50 M. FLY WOMEN 90-94		22:21.08 M.D. SKOWRONSKI	21
2:44.39 MADELEINE MILLER	83	50.93 JULIA DOLCE	94	4:57.25 ANNA BAUSCHER	94	23:49.77 GEOFF AMBORN	20
2:50.91 WIN KENNEDY	81	50.93 JULIA DOLCE	85	4:57.25 ANNA BAUSCHER	91	24:15.11 C.P. ROBBINS	20
2:57.40 HILDA MAY BUEL	80	1:28.77 SALLY SCOTT	87	200 M. I.M. WOMEN 90-94		26:19.69 PHAT TIEU	21
3:10.58 EDITH HENDRY	83	100 M. FREE WOMEN 85-89		12:10.93 ANNA BAUSCHER	94	50 M. BACK M E N 19-24	
3:24.43 SALLY RYCKMAN	82	2:03.90 JULIA DOLCE	94	12:10.93 ANNA BAUSCHER	91	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	*****		29.73 ERNEST COLTON	24
4:35.68 MARIE WICKLUND	94	200 M. FREE WOMEN 85-89		50 M. FREE M E N 19-24		30.21 JAMES SMITH	24
4:35.68 MARIE WICKLUN	80	4:45.10 JULIA DOLCE	94	24.11 TROY DALBEY	93	31.54 MANUEL PARDO	24
5:40.59 MADELEINE MILLER	83	4:45.10 JULIA DOLCE	85	25.26 ERNEST COLTON	24	31.84 MARK ARNHOLT	24

# TOP TEN

## Long Course Meters

31.84 A.T. COSTANTINI 23	1:01.47 PAT MCLAUGHLIN 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 24	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 ELSHAFEI 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 27	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 MCLAUGHLIN 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 ELSHAFEI 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 ELSHAFEI 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 ELSHAFEI 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 ELSHAFEI 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 ELSHAFEI 28
3:13.80 JOSE MAHER 23	57.22 JAMES DAILEY 28	2:18.70 EMAD ELSHAFEI 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 ELSHAFEI 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 ELSHAFEI	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	19:49.25 MICHAEL MAKARCZYK	34	25.31 MIKE BOTTOM	88	55.49 L.MEISENHEIMER	36
5:18.84 PAUL ROBINSON	19:51.00 JEFFREY CROSSON	33	25.99 MARK NOETZEL	31	55.79 ROBERT PLACAK	35
5:21.09 STEVE REED	19:55.21 BRADLEY BROSCAT	30	27.16 BRYAN BALDWIN	30	56.91 ROBERT CROWDER	38
5:25.01 TIMOTHY WAUD	50 M. BACK M E N 30-34		27.29 D. JAY MORISSETTE	31	57.75 GREGORY OXLEY	35
5:25.17 STUART BARTON	27.26 SEAN MURPHY	94	27.49 M GRANTHAM	34	58.26 MARK HAHN	37
5:40.95 JOE LINEBARIER	27.26 SEAN MURPHY	30	27.57 PAUL FRENTSOS	33	58.29 JOE SHAKE	35
*****	28.86 CLAY BRITT	33	27.81 JOSEPH THIER	30	58.38 WILLIAM TYLER	35
50 M. FREE M E N 30-34	29.98 BRYAN BALDWIN	30	28.00 MICHAEL MAKARCZYK	34	58.44 PHILIPPE CALAIS	35
23.21 ROWDY GAINES	30.22 PATRICK DUGGAN	30	28.02 BRENDAN MC NULTY	34	200 M. FREE M E N 35-39	
23.97 PATRICK KEATING	30.23 KELLEY ALLEN	30	28.05 BRIAN VAILE	32	1:57.95 DAN STEPHENSON	92
24.26 ROWDY GAINES	30.48 GERALD FERRIS	33	28.26 JIM FERSTEL	34	2:01.24 JAMES MONTGOMERY	39
24.75 D. JAY MORISSETTE	30.63 BRENDAN MC NULTY	34	100 M. FLY M E N 30-34		2:02.28 DAVID SHEPHERD	38
24.85 MARK NOETZEL	30.97 ALAN JOEL	33	56.64 MIKE BOTTOM	88	2:02.41 STU MARVIN	38
25.01 BRYAN BALDWIN	31.07 BRIAN VAILE	32	58.89 JEFF STILING	34	2:02.88 L.MEISENHEIMER	36
25.13 JIM FERSTEL	31.15 MICHAEL MAKARCZYK	34	1:00.55 PAUL FRENTSOS	33	2:03.57 ROBERT PLACAK	35
25.49 JAMES LILLEY	100 M. BACK M E N 30-34		1:00.97 IGOR VAZHENIN	30	2:07.75 ROBERT CROWDER	38
25.61 ALAN JOEL	58.66 SEAN MURPHY	94	1:01.01 BRYAN BALDWIN	30	2:08.17 MARK HAHN	37
25.69 ROY DEARY	58.66 SEAN MURPHY	30	1:02.12 JOSEPH THIER	30	2:08.99 JIM CALLAHAN	36
25.76 BRIAN VAILE	1:00.68 CLAY BRITT	33	1:02.33 M GRANTHAM	34	2:09.57 PHILIPPE CALAIS	35
100 M. FREE M E N 30-34	1:06.23 KELLEY ALLEN	30	1:02.51 RON COLLINS	32	2:09.90 JORDAN HATCH	37
51.50 ROWDY GAINES	1:06.74 ALAN JOEL	33	1:03.54 BRENDAN MC NULTY	34	400 M. FREE M E N 35-39	
53.39 FRANZ MORTENSEN	1:07.44 GARY ANTONICK	31	1:03.71 MIKE KECK	34	4:15.49 DAN STEPHENSON	92
54.33 ROWDY GAINES	1:07.48 BRENDAN MC NULTY	34	1:03.94 SCOTT HALLIBURTON	32	4:20.22 DAVID SHEPHERD	38
54.54 PATRICK KEATING	1:07.50 D. JAY MORISSETTE	31	200 M. FLY M E N 30-34		4:23.24 JAMES MONTGOMERY	39
54.61 D. JAY MORISSETTE	1:08.44 BRIAN VAILE	32	2:07.43 BOBBY PATTEN	93	4:26.17 PAUL ASMUTH	36
55.03 BRYAN BALDWIN	1:08.48 DAVID KASTIGAR	30	2:09.37 SEAN MURPHY	30	4:32.24 L.MEISENHEIMER	36
55.05 ROY DEARY	1:09.56 STUART CROMARTY	30	2:14.88 IGOR VAZHENIN	30	4:37.25 PAUL WISE	38
55.50 IGOR VAZHENIN	200 M. BACK M E N 30-34		2:20.65 PAUL FRENTSOS	33	4:38.14 FRED MAYER	38
55.86 STUART CROMARTY	2:05.62 SEAN MURPHY	94	2:20.92 JEFF STILING	33	4:38.19 KERRY O'BRIEN	37
55.90 JIM FERSTEL	2:05.62 SEAN MURPHY	30	2:23.99 DONALD SKEOCH	31	4:39.19 HOWARD COYE	39
56.12 JAMES LILLEY	2:22.82 GERALD FERRIS	33	2:24.23 SCOTT HALLIBURTON	32	4:39.29 MARK HAHN	37
200 M. FREE M E N 30-34	2:23.80 MIKE KECK	34	2:24.46 RON COLLINS	32	4:39.39 JORDAN HATCH	37
1:54.04 ROWDY GAINES	2:27.25 KELLEY ALLEN	30	2:27.40 TIM CESPEDES	34	800 M. FREE M E N 35-39	
1:55.53 ROWDY GAINES	2:27.49 DAVID KASTIGAR	30	2:28.36 GARY ANTONICK	31	8:52.22 DAN STEPHENSON	92
1:58.36 FRANZ MORTENSEN	2:29.43 ALAN JOEL	33	2:29.03 BRUCE HERMAN	34	8:59.45 PAUL ASMUTH	36
2:00.39 JEFF STILING	2:30.69 TIM CESPEDES	34	200 M. I.M. M E N 30-34		9:01.75 DAVID SHEPHERD	38
2:01.72 MICHAEL MOORE	2:31.77 DONALD SKEOCH	31	2:09.69 DAVID LUNDBURG	91	9:27.15 ROBERT COPELAND	37
2:01.85 IGOR VAZHENIN	2:32.41 GARY ANTONICK	31	2:17.46 MIKE KECK	34	9:34.90 WILLIAM SPECHT	36
2:03.03 ROBERT HUDEK	2:37.80 GORDON ANDREWS	34	2:17.62 JEFF STILING	34	9:47.92 DAN GOERKE	35
2:04.43 MIKE KECK	50 M. BRST M E N 30-34		2:18.95 GARY ANTONICK	31	9:49.76 HOWARD COYE	39
2:04.43 ROY DEARY	29.42 DAVID GUTHRIE	92	2:20.19 PAUL FRENTSOS	33	9:50.28 KERRY O'BRIEN	37
2:05.83 SCOTT YEOMANS	30.39 DEWEY WYATT	30	2:24.54 ROBER HUDEK	32	9:55.17 STEVE BREITER	38
2:06.03 JOSEPH THIER	31.72 MARK STOHRER	32	2:25.40 ROCH KING	31	9:58.01 THOMAS MACK	35
400 M. FREE M E N 30-34	32.02 DANIEL TOM	30	2:26.11 SCOTT YEOMANS	30	10:06.02 FRED MEYER	38
4:07.04 ROWDY GAINES	32.23 DAVID KOHLL	31	2:26.42 DAVID KASTIGAR	30	1500 M. FREE M E N 35-39	
4:07.04 ROWDY GAINES	32.51 BRYAN BALDWIN	30	2:26.54 BRIAN VAILE	32	17:11.82 PAUL ASMUTH	94
4:16.22 JEFF STILING	32.54 MICHAEL CASCIATO	34	2:26.75 MARK STOHRER	32	17:11.82 PAUL ASMUTH	36
4:18.17 ROBERT HUDEK	32.70 ROB CHENAULT	31	400 M. I.M. M E N 30-34		17:25.17 ROBERT PLACAK	35
4:19.90 GERRY RODRIGUES	32.85 PETER MCCLAFFERTY	30	4:40.22 SEAN MURPHY	94	18:14.04 MARK HAHN	37
4:22.05 MIKE KECK	33.06 GARRET RATCLIFFE	33	4:40.22 SEAN MURPHY	30	18:28.50 PAUL WISE	38
4:22.55 MICHAEL MOORE	33.10 SCOTT YEOMANS	30	4:57.57 MIKE KECK	34	18:30.20 GEORGE PERREAULT	35
4:23.27 IGOR VAZHENIN	100 M. BRST M E N 30-34		4:59.95 PATRICK DUGGAN	30	18:30.86 FRED MAYER	38
4:26.36 KIRK ANDERSON	1:05.65 DAVID LUNDBERG	91	4:59.97 PAUL FRENTSOS	33	18:32.95 L.J. MEISENHEIMER	36
4:40.86 MARK NOETZEL	1:08.57 DEWEY WYATT	30	5:05.58 ROBERT HUDEK	32	18:34.99 JIM STEWART	37
4:41.84 ROCH KING	1:09.88 MARK STOHRER	32	5:07.65 GARY ANTONICK	31	18:35.34 DAVID SHEPHERD	38
800 M. FREE M E N 30-34	1:11.40 HERB MCCAFFREY	30	5:12.84 DONALD SKEOCH	31	18:43.17 NEIL WASSERMAN	39
8:40.19 ROWDY GAINES	1:12.32 DAVID KOHLL	31	5:15.65 MARK STOHRER	32	50 M. BACK M E N 35-39	
8:40.19 ROWDY GAINES	1:12.69 ROB CHENAULT	31	5:16.77 BRIAN VAILE	32	28.04 THOMPSON MANN	78
8:57.65 ROBERT HUDEK	1:12.93 GARRET RATCLIFFE	33	*****		28.94 WILLIAM SPECHT	36
9:07.42 GERRY RODRIGUES	1:13.05 MICHAEL CASCIATO	34	50 M. FREE M E N 35-39		29.35 STU MARVIN	38
9:08.53 MICHAEL MOORE	1:13.46 DANIEL TOM	30	24.27 BRUCE STAHL	93	29.77 MARK LIST	38
9:09.66 MIKE KECK	1:13.69 MARK BRIAN NELSON	33	24.87 STU MARVIN	38	30.35 ROBERT PLACAK	35
9:51.26 DONALD SKEOCH	1:13.85 JOHN STENROOS	31	25.16 JAMES MONTGOMERY	39	30.63 MEL NASH	39
9:52.08 ROCH KING	200 M. BRST M E N 30-34		25.34 ROBERT PLACAK	35	30.76 CURT LA COUNT	35
10:00.04 JAMES MATYSEK	2:24.06 DAVID LUNDBERG	91	25.79 TIMM ANDERSON	36	30.76 SCOTT SHAKE	36
10:02.17 MARK STOHRER	2:36.63 MARK STOHRER	32	25.87 ROBERT CROWDER	38	30.84 ROBERT CROWDER	38
10:06.70 DENNIS SCANNELL	2:38.72 HERB MCCAFFREY	30	25.90 L.MEISENHEIMER	36	31.58 ROBERT KROTEE	39
1500 M. FREE M E N 30-34	2:38.82 DAVID KOHLL	31	25.97 BILL JOHNSON	36	31.91 JONATHAN RIGGS	36
16:36.06 BOBBY PATTEN	2:41.36 JOHN STENROOS	31	26.01 ED TSUZUKI	35	100 M. BACK M E N 35-39	
17:26.12 ROWDY GAINES	2:41.49 MICHAEL CASCIATO	34			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	2:20.90 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	1:14.00 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 KARL KAZMAIER 39	4:55.13 JAMES BELARDI 92	19:05.65 ROBERT STRAUSS 42	2:48.46 MIKE WHITAKER 43
33.88 CHRIS DIXON 36	4:58.56 DAVID SHEPHERD 38	19:09.66 FRANK THOMPSON 42	2:49.01 DAVID WESLEY 41
100 M. BRST M E N 35-39	5:02.50 ROBERT PLACAK 35	19:15.96 DAVID TANNER 44	2:52.68 JOHN ROEMIG 44
1:07.90 MARK SCHUMAN 92	5:04.23 PAUL ASMUTH 36	19:19.47 DAVID OWEN 42	2:53.29 JEFFREY JOHANSON 40
1:09.70 RON SCHAFER 36	5:04.24 STUART CORLISS 38	19:27.13 STEPHEN STEDRY 43	2:53.41 RICK WALKER 43
1:10.13 STUART CORLISS 38	5:08.06 MATTHEW KANZLER 37	19:43.27 SCOTT HARRIS 40	2:53.46 RICHARD BOHAN 43
1:11.71 BENN DOYLE 35	5:15.27 RICHARD FORRESTEL 37	20:12.18 LARRY KRAUSER 41	50 M. FLY M E N 40-44
1:12.15 GREGORY OXLEY 35	5:22.20 KERRY O'BRIEN 37	20:19.52 WILLIAM DRULIAS 42	26.66 DAVID HAGUE 94
1:12.30 MICHAEL SLOWEY 36	5:22.90 BRUCE HATTON 37	50 M. BACK M E N 40-44	26.66 DAVID HAGUE 40
1:12.48 PHILIPPE CALAIS 35	5:23.55 THOMAS DUGAN 36	29.38 PETER O'KEEFFE 90	27.39 CLAY EVANS 40
1:13.29 TIMM ANDERSON 36	5:25.55 MARK HAHN 37	29.73 CLAY EVANS 40	27.47 JAMES GRIFFITH 41
1:14.19 MATTHEW KANZLER 37	*****	30.51 JACK ALDOERFFER 40	27.57 TRIP CLAY HEDRICK 40
1:15.64 MATTHEW PAINTER 35	50 M. FREE M E N 40-44	30.91 PAUL WINDRATH 40	27.68 BRUCE MALLETTE 41
1:15.82 THOMAS DUGAN 36	24.93 TOM WHATLEY 92	31.10 STEVE STOCKSDALE 40	27.73 CRAIG BURNS 41
200 M. BRST M E N 35-39	25.31 TRIP CLAY HEDRICK 40	31.46 RICHARD BOBER 43	28.02 KEVIN MCCORMACK 41
2:33.05 MARK SCHUMAN 92	25.44 C.MILTENBERGER 42	31.68 JACK COURTNEY 41	28.32 BRAD PENCE 42
2:33.07 RON SCHAFER 36	25.55 JAMES GRIFFITH 41	31.87 JIM BENDTSEN 40	28.40 MICHAEL HEATHER 40
2:34.00 STUART CORLISS 38	25.92 CRAIG BURNS 41	32.29 LOU HORWITZ 41	28.55 DONALD BACCI 41
2:36.05 BENN DOYLE 35	26.15 DAVID HAGUE 40	32.59 WILLIAM TINGLEY 43	28.55 BUCK SMITH 41
2:37.56 MATTHEW KANZLER 37	26.21 WILLIE WACHOB 41	32.66 KEVIN MCCORMACK 41	100 M. FLY M E N 40-44
2:39.48 PHILIPPE CALAIS 35	26.21 CRAIG SAINT-AMOUR 41	100 M. BACK M E N 40-44	59.96 TRIP CLAY HEDRICK 94
2:43.09 MICHAEL SLOWEY 36	26.28 WILLIAM DRULIAS 42	1:03.39 PETER O'KEEFFE 90	59.96 TRIP CLAY HEDRICK 40
2:43.29 PATRICK ALLENDER 35	26.30 BUCK SMITH 41	1:05.87 BRUCE MALLETTE 41	1:01.15 BRUCE MALLETTE 41
2:44.75 PAT DIBIASE 39	26.45 LARRY KRAUSER 41	1:06.40 FRED FERROGGIARO 40	1:02.16 MICHAEL HEATHER 40
2:44.97 THOMAS DUGAN 36	100 M. FREE M E N 40-44	1:06.89 PAUL WINDRATH 40	1:02.68 CRAIG BURNS 41
2:45.58 JEFF MOXIE 35	55.26 TRIP HEDRICK 94	1:07.01 STEVE STOCKSDALE 40	1:02.92 DAVID HAGUE 40
50 M. FLY M E N 35-39	55.26 TRIP CLAY HEDRICK 40	1:08.11 KENT FORD 40	1:03.50 KEVIN MCCORMACK 41
25.93 MICHAEL BOTTOM 93	55.86 JAMES GRIFFITH 41	1:08.47 RICHARD BOBER 43	1:03.63 EDWARD BROWN 41
26.28 WILLIAM SPECHT 36	56.19 C.MILTENBERGER 42	1:08.73 RICHARD BOBER 43	1:04.72 STEPHEN BOSTER 43
26.47 ROBERT PLACAK 35	56.80 CRAIG BURNS 41	1:09.20 JACK ALDOERFFER 40	1:05.54 BRAD PENCE 42
27.72 CHRIS DIXON 36	56.84 TIM BRODERICK 43	1:09.51 JACK COURTNEY 41	1:05.74 ROB ORR 43
27.82 YIT AUN LIM 36	57.21 DAVID HAGUE 40	1:09.84 SCOTT MCMILLEN 40	200 M. FLY M E N 40-44
28.32 RICHARD FORRESTEL 37	57.66 CRAIG SAINT-AMOUR 41	200 M. BACK M E N 40-44	2:20.81 EDWARD BROWN 93
28.34 JOE SHAKE 35	57.76 LARRY WOOD 40	2:18.17 PETER O'KEEFFE 90	2:21.66 JAMES GRIFFITH 41
28.47 BOB CROWDER 38	58.29 MICHAEL MANN 40	2:18.53 CLAY EVANS 40	2:22.78 MICHAEL HEATHER 40
28.60 DOUG HERICH 37	58.48 STEVEN STRONG 40	2:23.44 FRED FERROGGIARO 40	2:24.44 EDWARD BROWN 41
28.64 TOM HIEBER 37	200 M. FREE M E N 40-44	2:24.78 PAUL WINDRATH 40	2:32.09 JAN HUNEKE 40
28.65 KERRY O'BRIEN 37	2:03.28 TIM BRODERICK 93	2:26.68 RICHARD BOBER 43	2:34.05 HUNTER YOST 43
100 M. FLY M E N 35-39	2:04.45 TIM BRODERICK 43	2:30.36 KURT MOEHLMANN 42	2:34.39 RONALD KANE 41
57.39 WILLIAM SPECHT 94	2:05.43 LARRY WOOD 40	2:31.30 STEVE STOCKSDALE 40	2:34.53 RICHARD HAAS 44
57.39 WILLIAM SPECHT 36	2:06.29 JAMES GRIFFITH 41	2:33.30 JACK COURTNEY 41	2:35.19 ALAN BELL 44
59.83 ROBERT PLACAK 35	2:06.31 STEVEN STRONG 40	2:33.52 SCOTT MCMILLEN 40	2:35.31 BRUCE JOHNSON 43
1:01.68 KERRY O'BRIEN 37	2:08.26 MIKE SHERRILL 44	2:34.21 FRANK THOMPSON 42	2:35.32 ALAN CARDWELL 41
1:02.76 RICHARD FORRESTEL 37	2:08.33 JOHN MCCONNOCHIE 40	2:35.71 LOU HORWITZ 41	200 M. I.M. M E N 40-44
	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 MALLETTE 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 MALLETTE 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 53
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 LODWIG 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 TOSIHIRO 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 KOOISTRA 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 MUCKLEROY88	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 LODWIG 93	1:03.34 TOSHIRO HAYASHI 57	1:27.06 JAMES BOHAN 58	1:27.73 HERB ALVARADO 59
28.90 KEEFE LODWIG 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

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## 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 TOSHIHRO 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 HUNTINGER 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'ACCARDI 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



# TOP TEN

## 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

# TOP TEN

## 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 MCAFFEE	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 MCAFFEE	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 MCAFFEE	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 MCAFFEE	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 MCAFFEE	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 JOPAUL 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	

# TOP TEN

## 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	100 M. FLY M E N 80-84	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	2:33.58 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	28	SUSAN AUGUSTUS	27	CAROLYN RADCLIFFE	43	CLARA WALKER	
JACQUALI WRIGHT	26	MARY CHRIS CURL	37	VICKI TRACY	38	NEW ENGLAND	2:25.83
JACKIE HOLLER	26	NIAGARA MASTERS	2:09.26	MAUREEN KANE	47	JENNIFER LUKER	37
WENDY FINHERT	19	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	21	ELLEN PFLUGHEBER	36	NANCY KIERNAN	40	CLARA WALKER	68
NEIL REGAN	24	M.PFLUGHEBER	38	LESLIE TREAT	45	CONNECTICUT	2:48.69
TERI ELLIS	26	VMST	2:15.68	KAREN BEAULIEU	39	CHRISTIE SLIMAK	46
LARA FORMAN	25	WENDY KNICK	23	LAKESIDE MASTER	2:44.22	MARIAN BRENNER	63
ORLM	2:16.07	JEAN BENSON	37	DEBBIE UTZ	41	MARGIT JEBE	56
DANIELLE SIRBU	20	C.JAMERSON	34	JUDITH ELKIN	41	MARIE WICKLUND	80
CAROLINE GATTO	31	BETH GARDNER	29	LISA STEARNS	36	VIRGINIA	2:49.90
HEATHER PERRY	23	ST PETE	2:18.65	PATSY KAELIN	43	MARIE KELLEHER	81
JENNIFER HUGUS	25	JO ANN HARRELSON	38			JUDY DECKER	52
MINNESOTA	2:25.84	LISA HUDAK	29	200-239		BETSY DURRANT	52
AMY SCANLAN	25	PAM GEIGER	41	R:LOS ALTOS 94	2:08.96	JOHNNIE DETRICK	58
KIMBERLY KWIECIEN	20	SHERI PREDMORE	27	LAURA VAL		WALNUT CREEK	2:54.76
MICHELE HEMMING	27	ALH	2:19.12	SUSAN ROY		ANN PISCIOтта	63
KRISTINE ROGGE	25	WENDY STONESIFER	35	DELLA SEHORN		JOAN ALEXANDER	62
		KERRI NAUFUL	37	CAROLYN BOAK		BETTY BARABASH	66
100-119		SUSAN HUMMER	24	LOS ALTOS	2:08.96	J.DESBARATS	50
R:OREGON 92	1:52.47	JAIMI LUMBERT	35	LAURA VAL	42	HOLMES LUMBER	3:00.39
SHANNON HERINGER		CRAW	2:19.23	SUSAN ROY	46	JEAN STERLING	57
GRACIE GODDARD		HELEN CANE	38	DELLA SEHORN	67	JUNE REYNOLDS	72
LEISSA MILLS		KAREN BASH	31	CAROLYN BOAK	49	FLORENCE CARR	69
LINDA FINLEY		SUSAN BERG	34	DC MASTERS	2:14.46	E.J. BEATTIE	57
LAKESIDE MASTER	2:18.81	DENISE THOMPSON	22	SUSAN SKIFF	40	OSB	3:08.10
KIMBERLY BARON	20	BEACH CLUB	2:19.58	RUTH BENNETT	47	PEGGY SANBORN	66
MEARA WATHEN	24	KATIE EWEN	41	BARBAR ZAREMSKI	57	GRACE ALTUS	70
JULIE BIRNBAUM	29	ANNE TESCHER	46	JAYNE BRUNER	60	MALCHIA OLSHAN	63
SUZANNE HAWKINS	27	ELLEN DUNNION	45	OREGON	2:32.46	RUTH BARR	71
HSAM	2:23.30	BECKY ESKIND	24	PETEY SMITH	70	NIAGARA	3:16.16
VICKI WEBSTER	32			NANCY HELGET	45	NAN SCHOEPERLE	69
STACY JOHNSON	31	160-199		SUZANNE RAGUE	44	MARY CLARE HANS	58
LARA BIGLEY	26	R:D. C. MASTERS 88	2:03.48	SANDI ROUSSEAU	46	JOYCE LINDLEY	57
WENDE CAHA	26	JACKI HIRSTY		NEW ENGLAND	2:33.72	PATRICIA RANKIN	56
OREGON	2:26.81	NANCY KIRKENDALL		SUSAN MAGUIRE	45	WISCONSIN	3:17.73
KATHY ISAACS	26	ANN SVANSON		AASJE CARON	52	BETTY KENDALL	74
K.MCALL	24	SUE HARRINGTON		CAROL ADAMS	50	FRAN ZEUMER	74
M.MADDEN	26	SAN DIEGO SWIM	2:05.12	MARIAN COAKLEY	56	GEORGIA CEMIRYS	67
DEBORA HEIM	25	JULIE BENJAMIN	28	ST PETE	2:34.59	DORIS KLITZKE	59
SANTA CLARA	2:27.11	BETSY JORDAN	57	LISA ROSS	39	MICHIGAN	3:19.95
ALISON BENKE	23	BARBARA DUNBAR	45	J.G. PIPER	57	EDITH GLUSAC	75
CINDY BARONE	21	KARLYN PIPES	32	KATE KNIGHT-PERRY	59	BEVERLY MYERS	59
JEN MOORE	30	NEW ENGLAND	2:07.37	JAYNE LAMBKE	54	LOIS NOCHMAN	69
ALMA GUIMARIN	40	BELLA MARLOW	33	RALEIGH AREA	2:45.73	MARY WILLIAMS	62
PARRIS ISLAND	2:27.67	LIZ MACBRIDE-MACK	35	SALLY NEWELL	56	HSAM	3:32.21
MARIA CHAPMAN	27	TRACY GRILLI	37	DAWN STROUPE	56	JUDY TILARO	59
TRACY SWOPE	32	CLAIRE O'BRIEN	55	ALICE JONES	56	NANCY REED	67
LAURIE SPERRY	29	LINCOLN MASTERS	2:07.70	CEIL BLACKWELL	53	ELFRIEDE LEHTO	61
CINDY RILEY	26	MOLLY DITTMANN	43	LINCOLN MASTERS	2:51.43	TRISH HUNTER	60
		IRENE DAVID	50	MARY POHLMANN	49		
120-159		B.BENNETT	51	URSULA HARRIS	55	280-319	
R:LONE STAR 87	1:53.05	CYNTHIA JONES	44	CLARA SOTAK	69	R:WALNUT CREEK 93	3:15.26
MONICA BURK		COLONIALS-1776	2:15.98	LYNNETTE GAZA	50	JEAN DURSTON	
BRIGITTE HEUER		STEPHANIE WALSH	45	ST PETE	3:16.72	SALLY JOY	
L. MORRISON-CASEY		CHRIST SCHROEDER	45	MARY LOU LEE	53	JOAN ALEXANDER	
JACKI HIRSTY		BARBARA HOELLEN	51	GLADYS OLSEN	68	BETTY MCMILLAN	
SAN DIEGO SWIM	1:53.79	AMY GRACE	35	MARGIE HUTINGER	54	DC MASTERS	3:15.31
KARLYN PIPES	32	NIAGARA	2:16.09	SANDY STEER	55	ANNE WALKER	78
VICKY DAVIDSON	29	DEBORAH LENNOX	39	RINCONADA	5:23.97	RUTH THORSEN	74
TRISH SOUBERT	25	AMY JOHNSON	52	MARINANNE BREMS	45	NANCY CLARK	80
BETH KNIGHT	35	MELISS MALDOVAN	41	ANN KAY	60	BARBARA FRID	52
SANTA CLARA	2:02.89	STACI CIFRANICK	32	BARBARA CALLISON	61	HOLMES LUMBER	3:17.48
THERESA HESSLER	42	VIRGINIA	2:22.65	SUE KELLY	46	GERTRUD ZINT	76
KATRIN LAMMERS	24	NANCY MILLER	44	STRAWBERRY	6:14.12	J.GLARATON	67

# 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	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	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
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 KAELIN	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	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 JEBE	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	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	DOROTH 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	MELISS 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. VANDERMOLEN	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	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 PISCIOTTA	
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 PISCIOTTA	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	200-239		KAY SCHIMPF	76
WALNUT CREEK	3:38.60	JAMIE HAVENS	32	R:RINCONADA	94 5:23.97	*****	
JAE HOWELL	71	THERESA HESSLER	42	MARIANNE BREMS		RELAYS: WOMEN 400 M. MEDLEY	
SALLY JOY	77	WALNUT CREEK	4:29.40	ANN KAY		*****	
JOAN ALEXANDER	62	PAULA ROEMER	33	BARBARA CALLISON		76 - 99	
JEAN DURSTON	80	PATTY LANDERS	37	SUE KELLY		R:SACRAMENTO	92 5:07.42
DC MASTERS	4:05.84	CHARLENE O'BRIEN	37	RINCONADA	5:23.97	MINDY WRIGHT	
MARY LATHRAM	79	SUZANNE HEIM	36	MARINANNE BREMS	45	LISA CHRISTO	
JEAN CHENAUX	80	HSAM	4:48.13	ANN KAY	60	SUE LOWREI	
KAREN BOVE	41	KELLI DOLE	36	BARBARA CALLISON	61	DONNA NICHOLAS	
NANCY CLARK	80	HEATHER WOLFENDEN	24	SUE KELLY	46	NO RELAY TEAMS	
LAKESIDE MASTER	4:36.60	PATTY STARKS	34	STRAWBERRY CAYN	6:14.12		
F DOROTHY RIORDAN	82	REBECCA JACKMAN	31	KATE COLEMAN	51	100-119	
MARY ANN STONE	60	SANTA CRUZ	4:52.11	SUSAN ANSON	54	R:WALNUT CREEK	92 4:55.59
JOYCE VOIT	59	LISA RULISON	40	RITA TIDWELL	46	PAM BOSCOVICH	
MEME HABICH	79	REBECCA STEINKAMP	25	SUSAN GARFIN	51	LISA TALLMAN	
*****		NAOMI GARDNER	33	GOLD COAST	6:47.31	DEBBIE FLANSBURG	
RELAYS: WOMEN 400 M. FREE		ANN HEMINGTON	32	ANITA ALLEN	40	WENDY INGRAHAM	
*****		RINCONADA	5:03.75	M.SANFORD-CARLTON	50	SANTA CLARA	5:06.47
76 - 99		BELINDA HERRING	29	BUNNY GOLDSTEIN	70	JAMIE HAVENS	32
R:SACRAMENTO	92 4:32.12	ELKE HOFMAN	22	PATRICIA RICHARD	49	BECKY LANCER	23
DONNA NICHOLAS		KATHERINE BASS	42	MICHIGAN MASTER	8:08.44	KATHRIN LAMMERS	24
SUE LOWRIE		CHRIS KANAZAWA	27	GENEVIEVE MOYER	45	DEE HAYNIE	39
LISA CHRISTO		WALNUT CREEK	5:07.56	P.STRICKLAND	53	VEN	5:50.84
MINDY WRIGHT		DEBBIE FLANSBURG	38	MARY WILLIAMS	62	TERI ELLIS	26
DAVIS AQUATIC	4:55.89	KATHY BROWN	33	FREDERICKA RAPP	50	CAROLE SHIGAKI	39
HOLLY RUEBEN	23	S.SOTELLO-OSBORNE	33			MEREDITH TAKARA	24
ERICA WOODS	24	MONDY HAMWAY	35	240-279		LARA FORMAN	25
JENNIFER COLLINS	25	DAVIS AQUATIC	5:37.92	R:WALNUT CREEK	92 6:15.17	GOLD COAST	6:03.54
CHRISTINE SCHULTZ	23	LINDA HOOD	35	BETTY BARABASH		PATRICIA HOGAN	24
VEN	5:51.31	CARY CRAIG	36	JOAN ALEXANDER		MICHELLE BEKOFF	28
HEATHER JOHNSEN	26	AINSLIE MACKOVJAK	29	ANN PISCIOTTA		DEBBIE LAKE	30
MEREDITH TAKARA	24	TRACI ROTH	27	BARBARA JORDAN		TRICIA HOLM	34
NEIL REGAN	24	SANTA CLARA	5:44.28	WALNUT CREEK	6:27.07		
ROBYN GARLINGER	21	ALMA GUIMARIN	40	ANN PISCIOTTA	63	120-159	
		ALISON BENKE	23	JOAN ALEXANDER	62	R:WALNUT CREEK	91 5:00.94
100-119		CAROL MILLER	43	BETTY BARABASH	66	PAM BOSCOVICH	
R:DAVIS AQUATIC	92 4:27.84	CINDY BARONE	21	DONNA MONROE	60	WENDY INGRAHAM	
C.CHICHESTER		SWOM	6:10.80	RINCONADA	6:38.98	DEBBIE FLANSBURG	
MELISSA BEATY		M.K ERICKSON	41	PATSY WEISS	71	CATHY COOLEY	
KIM MCCORD		MINDY CHEAP	38	NAN BLACKLEDGE	69	STANFORD MASTER	5:17.35
JENNIFER NORRIS		SUSAN BURNS	39	SUSAN SPRINGERQ	55	C.CHICHESTER	30
WALNUT CREEK	4:34.13	BARTLEY PRATT	26	BOBBIE CALLISON	61	DANIELLE BARNEA	51
PAM BOSCOVICH	31			LAKESIDE MASTER	8:28.59	KARA SHUBAYA	22
MARIA MALDONADO	31	160-199		MARY ANN STONE	60	DANIELLE OGIER	41
WENDY INGRAHAM	30	R:SAN DIEGO	93 4:37.01	CAROL FERGUSON	62	ALM	5:40.55
MICHELLE GHIGGERI	25	BETSY JORDAN		MARY JANE MULLINS	63	TINA ESSEX	23
SANTA CLARA	4:55.64	BARBARA DUNBAR		F.DOROTHY RIORDAN	82	ELAINE FONG	36
ALMA GUIMARIN	40	KARLY PIPES		HSAM	8:34.53	JOAN VAN HALEN	25
EVE WALTON	32	BETH KNIGHT		JUDY TILARO	59	KERRI NAUFUL	37
E.THUNEN-FRENCH	19	LOS ALTOS	4:44.10	NANCY REED	67	HSAM	5:43.30
CINDY BARONE	21	CAROLYN BOAK	49	ELFRIEDE LEHTO	61	VICKI WEBSTER	32
GOLD COAST	5:11.66	KRISTY KING	46	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 PISCIOTTA	26	KEITH FARLOW	26
HSAM	6:07.55	*****	BARBARA JORDAN	29	JEFF HOGG	29
LARA BIGLEY	26	76 - 99	HSAM	16:52.61		
STACY JOHNSON	31	R:DAVIS	MARILYN RAMEY	54	120-159	
SHERYL CONNER	33	CHRIS WINN	NANCY REED	67	R:LONE STAR	86 1:37.43
TINA DANIELS	37	JENNIFER BLAKE	JUDY TILARO	59	DAVID HAGUE	
SWOM	6:33.03	JENNIFER NORRIS	ELFRIEDE LEHTO	61	TRIP HEDRICK	
M.K ERICKSON	41	TINA WALLIS			BUCK SMITH	
SUSAN BURNS	39	VEN	280-319		JIM MONTGOMERY	
BARTLEY PRATT	26	HEATHER JOHNSEN	R:WALNUT CREEK	92 16:17.09	COLONIALS-1776	1:44.87
MINDY CHEAP	38	TERI ELLIS	JEAN DURSTON		STU MARVIN	38
ST PETE	7:05.62	ROBYN GARLINGER	MARY JANE REEVES		JOSEPH THIER	30
DIANE BRADLEY	42	MEREDITH TAKARA	JAE HOWELL		MICHAEL CASCIATO	34
SONDRA LANE	40		DONNA MONROE		WARREN FISHER	38
JO ANN HARRELSON	38	100-119	NO RELAY TEAMS		MICHIGAN MASTER	1:45.34
JOAN PENDLETON	35	R:WALNUT CREEK			TODD MERCER	27
LMM	7:57.06	CAROL LEE-HELTZEL	320-359		SEAN HICKMAN	27
M'LISS HINSHAW	39	CATHEY COOLEY	R:ST PETE	94 22:37.07	ROBERT JENNINGS	28
CHESSA KONOLD	21	DEBBIE FLANSBURG	MARIAN MCKECHNIE		LEONARD BROCKHAHN	43
ROSEMARY HUTZLEY	40	AMY REIGER	FRANCES CICHANSKI		GREATER INDIANA	1:46.10
LYNN KILLIAN	29	HSAM	WIN KENNEDY		ROCH KING	31
		HEATHER WOLFENDEN	KAY SCHIMPF		ROBERT WRIGHT	39
160-199		PATTY STARKS	ST PETE	22:37.07	BARRY KING	28
R:SAN DIEGO	89 5:24.49	REBECCA JACKMAN	M.B. MCKECHNIE	89	JOEL STAGER	41
BETSY JORDAN		LARA BIGLEY	F.E. CICHANSKI	77	BOLT	1:46.57
SUSIE LEIPER			WIN KENNEDY	81	BILL JOHNSON	36
BARBARA DUNBAR			KAY SCHIMPF	76	DAVID HINYUP	31
MARILYN FINK		120-159	*****		BRANT SCHROEDER	34
WILDCAT MASTERS	6:42.28	R:SAN DIEGO	RELAYS: M E N 200 M. FREE		CHRIS PRATOR	33
GAIL O'MALLEY	39	RHONDA HRONESH	*****		LAKESIDE MASTER	1:49.39
MEG SMATH	37	CATHY NEVILLE	76 - 99		RUSSELL WILLIAMS	34
JEANNIE JOHNSON	32	BETH KNIGHT	R:OLYMPIC CLUB	93 1:41.14	SAM BLYTHE	35
SUSAN BRADLEY-COX	56	BARBARA DUNBAR	GARY ANTONICK		CHRIS BURCKLE	37
HSAM	7:18.92	HSAM	ERIC TARBELL		JIMBO MARTIN	36
KAREN SIMPSON	34	KELLI DOLE	STEPHEN GOTH		ST PETE	1:50.28
MARILYN RAMEY	54	KAREN SIMPSON	JIM MURRAY		G.J. SALOMON	32
CAROL SING	52	VICKI WEBSTER	BOLT	1:48.92	JEFF SALOMON	33
CHARLOTTE COWAN	54	STACY JOHNSON	TREY STOLZ	19	WILLIAM SPECHT	36
		LMM	ANDY DEICHERT	26	TIM MCGINNIS	35
200-239		ROSEMARY HUTZLEY	KIRK CLEAR	26	ADIRONDACK	1:50.61
R:D C MASTERS	91 5:48.73	M'LISS HINSHAW	ROBERT FRITSCHER	26	BRUCE RAVER	33
BARBARA FRID		CHESSA KONOLD	LMM	1:53.20	JOHN OGDEN	40
JOANN LEILICH		LYNN KILLIAN	TORBERT SHIPLEY	31	TOMMY SCHMITZ	34
ANN SVANSON			GEOFF AMBORN	20	ROBERT PUELS	42
JAYNE BRUNNER		160-199	JOHN LAPP	25	SANTA CLARA	1:52.53
GOLD COAST	8:05.77	R:SAN DIEGO	BYRON KONOLD	23	TIM CESPEDES	34
ANITA ALLEN	40	BETASY JORDAN			PETER KIRWIN	35
M.SANFORD-CARLTON	50	BARBARA DUNBAR	100-119		JIMI CANDELERIA	34
PATRICIA RICHARD	49	MARILYN FINK	R:HOUSTONIAN CLUB90	1:36.15	GREG HAVENS	29
BUNNY GOLDSTEIN	70	BETH KNIGHT	JAMES PRUNGLE		NIAGARA	1:53.23
MICHIGAN MASTER	9:14.18	HSAM	STUART KNOWLES		DAVE BARON	42
GENEVIEVE MOYER	45	SHERYL CONNER	JEFF FREY		MICHAEL MORABITO	44
P.STRICKLAND	53	CHARLOTTE COWAN	JOHN SMITH		KEVIN PORTEUS	31
MARY WILLIAMS	62	WENDE CAHA	SANTA CLARA	1:46.18	JAMES MATYSEK	34
FREDERICKA RAPP	50	TRISH HUNTER	SERGEY MARINIUK	25	WH20	1:53.45
			JAMES PARRACK	27	MARK SPRATT	38
240-279		200-239	MICHAEL MOORE	30	PHILIP HAYMAN	32
R:WALNUT CREEK	92 6:50.38	R:RINCONADA	FRANZ MORTENSEN	30	BRUCE HATTON	37
BARBARA JORDAN		94 11:43.13	ORLM	1:46.75	GARY QUINN	36
ANN PISCIOTTA		MARIANNE BREMS	PAUL ROBINSON	26		
JOAN ALEXANDER		ANN KAY	W.T. MATTHEWS	27	160-199	
BETTY BARABASH		BARBARA CALLISON	F.CHARMFOROOSH	28	R:HOLMES	90 1:39.27
HSAM	10:01.90	JUDITH SCHWARTZ	P. FISCHER	29	JAMES DILLEY	
JUDY TILARO	59	RINCONADA	COBB	1:47.60	C. MILTENBERGER	
ELFRIEDE LEHTO	61	11:43.13	GREGORY WILDER	24	RICHARD ABRAHAMS	
NANCY REED	67	MARIANNE BREMS	MATTHEW WARD	19	TIMOTHY GARTON	
TRISH HUNTER	60	ANN KAY	YIT AUN LIM	36	BAYLOR/L STAR	1:39.60
		BARBARA CALLISON	CHRIS WHELAN	23	JAMES MONTGOMERY	39
280-319		JUDITH SCHWARTZ	VEN	1:49.12	TRIP CLAY HEDRICK	40
R:WALNUT CREEK	93 8:32.38	GOLD COAST	DAVID KASTIGAR	30	DAVID HAGUE	40
PAT PREVETZ		14:38.00	DAN BORTON	26	BUCK SMITH	41
JAE HOWELL		TRICIA HOLM	LARS GRONHOLM	24	THE OLYMPIC CLB	1:40.32
ANN PISCIOTTA		PATRICIA RICHARD	MARK KUBEJA	39	ROBERT PLACAK	35
MARY JANE REEVES		M.SANFORD-CARLTON	CRESCENT HILL	1:49.14	BILL BARTHOLD	45
NO RELAY TEAMS		BUNNY GOLDSTEIN	TONY SIEBEL	26	JAMES GRIFFITH	41
		240-279				
		R:WALNUT CREEK				
		92 13:28.86				
		BETTY BARABASH				

# TOP TEN

## Long Course Meters

K. BOGART	40	MIKE DUIGAN	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	RICHAR CHISHOLM	59	HUGH RICHARDS		TREY STOLZ		19
WILLIAM VAN HORN	55	PHIL HENGEN	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		
ADIRONDACK	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 SCHAFFER	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		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 SCHAFFER		36
		WALTER FOLEY	63	DON NEEFE	85	BRIAN COLETY		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 OYAKOWA		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 BALDWIN	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 LODWIG	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
160-199		WILLIAM SPECHT	36	GEORGE MCVEY	67	GUS CLEMENS	76
R:BAYLOR/L STAR	94 1:53.79	HAROLD FERRIS	63	DAN WALTERS	49	LBM	3:41.44
MEL NASH		NEW ENGLAND	2:13.53	HERMAN FOREST	73	BRION WINSHIP	76
BARRY HAMILTON		BARR CLAYSON	59	ST PETE	2:54.17	WOODROW BOWERSOCK	81
TRIPP HEDRICK		TED HAARTZ	66	JOHN COX	59	WALTER PFEIFFER	80
DAVID HAGUE		HOMER LANE	45	ABRASHA BRAININ	71	DON NEEFE	85
BAYLOR/L STAR	1:53.79	ROBERT CROWDER	38	C.H. KOHNKEN	62	PNA	4:45.39
MEL NASH	39	O'H*I*O	2:14.12	HAROLD FERRIS	63	ALAN SACHS	81
BARRY HAMILTON	41	PETER VANDIJK	65	THE OLYMPIC CLB	2:57.78	EVERETT CASSELL	81
TRIP CLAY HEDRICK	40	FRANK ZATKO	43	RALPH PERRY	67	JIM PENFIELD	86
DAVID HAGUE	40	WINSTON RITCHEY	26	GLYNN JONES	69	GENE CROSSETT	80
THE OLYMPIC CLB	1:56.09	KEITH CARTER	69	WILLIAM VAN HORN	55	ST PETE	4:47.62
BILL BARTHOLD	45	THE OLYMPIC CLB	2:14.24	STEPHEN JONES	49	JAMES MITCHELL	82
STUART CORLISS	38	JAMES BEGLINGER	47	U OF SAN FRAN	2:58.71	FRED WALBOLT	81
JAMES GRIFFITH	41	CHARLES RAVEN	55	RAY STEWART	67	JOHN JOHNSTON	78
K.BOGART	40	JAMES BOHAN	58	KURT HENSCH	64	KERMIT HOTVEDT	79
THE OLYMPIC CLB	1:59.80	CHARLES RAVEN	55	BRAD PENCE	42	*****	
FRED FERROGGIARO	40	LAKESIDE MASTER	2:17.28	RICHARD SCHOMBURG	68	RELAYS: M E N 400 M. FREE	
DAVID HAYNES	41	THOMAS FINNEGAN	48			*****	
MICHAEL GARIBALDI	48	TONY AMBROSE	49	280-319		76 - 99	
MIKE KECK	34	GLENN HUBBUCH	49	R:OREGON	92 2:34.57	R:DAVIS AQUATIC	94 3:53.22
O'H*I*O	2:01.56	MARTY O'TOOLE	54	FLOYD ELLIOTT		ERNIE HOFTYZER	

# 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 HOFTYZER	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 24
BYRON KONOLD	23	SANTA CRUZ	4:33.74	TIM BIRNIE	48	ERIC TARBELL 22
JOHN LAPP	25	JOEL WILSON	45	JAMES ELDER	51	JOHN WITCHEL 26
		MARTIN LIVESEY	28	ROBERT STRAND	48	STEPHEN GOTH 25
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 25
SERGEY MARINIUK		OSB	4:49.28	LEE FITZHUGH	56	GEOFF AMBORN 20
JAMES PARRACK		LEE MENICHELLA	33	EMORY HAWORTH	58	BYRON KONOLD 23
MIKE MOORE		TOM HINSHAW	40	ANDREW MCPHERSON	47	TORBERT SHIPLEY 31
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 25
CHRIS BOND	27	THE OLYMPIC CLB	4:00.68	BILL EARLEY	57	JAMES PARRACK 27
JEFF RODGERS	27	JAMES BEGLINGER	47	GOLD COAST	6:02.31	MICHAEL MOORE 30
DAVIS AQUATIC	4:16.56	TOD SPIEKER	45	CARL HOUSE	55	FRANZ MORTENSEN 30
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 30
		ED NESSEL	49	JOHN SELMER		STUART CORLISS 38
120-159		RICHARD BOHAN	43	RINCONADA	4:49.02	DAVID LUNDBERG 33
R:THE OLYMPIC CLB94	3:47.83	PHILIPPE CALAIS	35	ALDO DA ROSA	76	MIKE KECK 34
ROBERT PLACAK		HSAM	4:28.39	RICHARD BENNETT	63	VEN 4:39.30
KURT VANDERBOGART		LEE MENCH	41	JAMES SHAW	53	DAVID KASTIGAR 30
SEAN MURPHY		DOUGLAS SELBY	49	JOHN SELMER	49	LARS GRONHOLM 24
DAVE LUNDBURG		GEORGE DALL	39	SAN MATEO	4:59.17	TERENCE YOUNG 28
THE OLYMPIC CLB	3:47.83	MIKE TOPE	38	RAY TAFT	75	MARK KUBEJA 39
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 26
SEAN MURPHY	30	THOMAS FINNEGAN	48	DON GALINE	48	BRUCE HOWELL 37
DAVID LUNDBURG	32	WILLIAM TINGLEY	44	WALNUT CREEK	5:05.49	MICHAEL HEATHER 40
SANTA CRUZ	3:55.20	JOHN NOLAN	45	DON BROWN	61	DAVE FRANK 50
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 34
BILL DRULTAS	40	JOHN GRAHAM	48	FRED TRASK	66	PETER KIRWIN 35
DOUG PETRIE	25	KEITH MEIKLEREID	49			JIMI CANDELARIA 34
WALNUT CREEK	3:55.50	JAMES GRUBBS	39	280-319		GREG HAVENS 29
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 37
GERRY FERRIS	33	THOMAS MOYER	46	FLOYD ELIOTT		MARK KUNN 40
BRYAN BALDWIN	31	THOMAS SCHARDT	26	GIL YOUNG		HERB MC CAFFREY 30
SAN MATEO	4:08.28	FRANK THOMPSON	42	ANDREW HOLDEN		DAVID SICONOLFI 43
BRENT WASHBURNE	32	RINCONADA	4:59.13	NO RELAY TEAMS		CHICO MASTERS 5:01.98
ERICH RASIMUS	29	INO RAZIJENIC	32			RAY PECK 34
CRAIG SIHNER	34	JEFF REGAN	33	320-359		JOHN ECKALBAR 45
P SCHOUWEITER	39	AUGIE MOTMANS	66	R:LONG BEACH 94	8:08.57	MIKE HERNANDEZ 37
SANTA CLARA	4:13.40	TOM SCHULER	40	WOODROW BOWERSOCK		DORSETT LYDE 40
PETER KIRWIN	35	WISCONSIN	5:28.68	JOHN GLENN		ALH 5:03.91
HOWARD COYE	39	STEPHEN JUSTINGER	41	WALTER PFEIFFER		STEVE LATTA 27
BOB DUGAN	32	JOHN MANIACI	43	DON NEEFE		M.HOLLINGSWORTH 30
FRED KOEHLER	34	ROBERT CYR	50	LONG BEACH MAST	8:08.57	TYRONE BROWN 30
SANTA CLARA	4:23.72	JIM OLSON	51	WOODROW BOWERSOCK	81	BILL DARBY 47
CHARLIE BANNAN	42			JOHN GLENN	83	HSAM 5:06.55
SCOTT ANDERSON	32	200-239		WALTER PFEIFFER	80	CHARLES HATTJE 35
GREG HAVENS	29	R:LOS ALTOS 94	4:05.72	DON NEEFE	85	RAY EHLV 41

# TOP TEN

## Long Course Meters

CHRIS BERK	24			DAN BORTON	26	RAY TAFT	
BRIAN COLEY	27	240-279		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	TOD 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 SCHAFFER	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
TOD 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		CHESSA KONOLD	21
RON SCHAFFER	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 SCOTTLINE	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
200-239		MICHAEL MOORE	30	SCOTT DAVIS	34	WALNUT CREEK	1:49.62
R:THE OLYMPIC CLB94	4:38.46	HSAM	9:53.99	HSAM	12:44.12	M GHIGGERI	25
TIM BIRNIE		RANDALL EICKHOFF	28	DAVID SZUCH	51	PAULA ROEMER	33
ROBERT STRAND		BRIAN COLEY	27	RONALD WILLIAMSON	55	BRENT BLACKMAN	24
RICHARD BASSI		CHRIS BERK	24	STEVE SAPPER	36	BRYAN BALDWIN	31
JAMES ELDER		MAC HALL	35	GENE SAPPER	64	SANTA CRUZ	1:53.23
THE OLYMPIC CLB	4:38.46					DOUG PETRIE	25
TIM BIRNIE	48	120-159		240-279		ELAINE WIMER	32
ROBERT STRAND	48	R:HEARTLAND	92 8:48.95	R:RINCONADA	94 10:55.42	BECCA STEINKAMP	25
RICHARD BASSI	53	MIKE TOLMAN		ALDO DA ROSA		BRENDAN MCNULTY	34
JAMES ELDER	51	JEFF REILLY		RICHARD BENNETT		CRESCENT HILL	1:55.27
HSAM	6:42.87	RANDY EICKHOFF		JAMES SHAW		TONY SIEBEL	26
RONALD WILLIAMSON	55	LEE MENCH		JOHN SELMER		BRIDGET NASTASI	27
GENE SAPPER	64	SANTA CLARA	9:26.52	RINCONADA	10:55.42	GINA MARIE GATTI	31
DAVID SZUCH	51	TIM CESPEDES	34	ALDO DA ROSA	76	JEFF HOGG	29
RUDOLPH SAPPER	61	JIM CANDELARIA	34	RICHARD BENNETT	63	VEN	1:56.31
GOLD COAST	6:58.48	BOB DUGAN	32	JAMES SHAW	53	LARS GRONHOLM	24
JOE HUTTO	42	FRED KOEHLER	34	JOHN SELMER	49	NEIL REGAN	24
SHEP RICHARD	51	VEN	10:57.33			TERRI ELLIS	26
CARL HOUSE	55	JERRY LOZANO	41	280-319		DAVID KASTIGAR	30
PHILIP LINDSLEY	61	JOHN KOCKER	39	R:SAN MATEO	94 12:22.64	ORLM	1:59.23

# TOP TEN

## Long Course Meters

F.CHARNFOROOSH	28	VEN	2:00.78	BETSY JORDAN	57	HAROLD FERRIS	63
JENNIFER HUGUS	25	DAN BORTON	26	KENNETH KIMBALL	63	ELAINE BROWMICH	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	PETEY 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	PETEY 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	GLENNA LEOUS	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 SCHOEPERLE	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
VICKEE SULLIVAN	77	MIKE O'TOOLE	19	TERRI ELLIS	26	CAROLYN BOAK	49
320-359		CHRIS BURCKLE	37	CAROLE SHIGAKI	39	ARLENE PROEBSTING	51
R:D C MASTERS	93 3:03.15	SUSAN AUGUSTUS	27	MARK KUBOJA	39	ST PETE	2:26.47
NANCY CLARK		VEN	2:23.17	DAVID KASTIGAR	30	PETER BETZER	52
ANNE WALKER		DAVID KOCKER	36	NEW ENGLAND	2:18.15	LESLIE TREAT	45
KELLY LEMMON		MEREDITH TAKARA	24	ROBERT CROWDER	38	H. JACK PYHEL	50
DAVID MCAFFEE		TERENCE YOUNG	28	KARLA BLACK	38	JAYNE LAMBKE	54
SAN MATEO	3:24.78	LARA FORMAN	25	WILLIAM TYLER	35	SAN DIEGO SWIM	2:32.02
AUDREY ETIENNE	77	ALH	2:23.51	NANCI SIROIS	36	KENNETH KIMBALL	63
HELEN ROUMASSET	79	TINA ESSEX	23	160-199		DONALD BAKER	63
JOE KAUFMAN	89	PIERRE SMITH	39	R:SPM	92 2:02.86	KARLYN PIPES	32
RAY TAFT	75	JOAN VAN HALEN	25	JUDY STEFANICK		VIRGINIA BURNS	43
ST PETE	3:54.45	M.HOLLINGSWORTH	30	ARTHUR HALTTUNEN		NIAGARA	2:32.41
JAMES MITCHELL	82	CAMC	2:26.90	WILLIAM SPECHT		GLENNA LEQUS	40
KAY SCHIMPF	77	KIMBERLY THOMAS	20	ANNE PAGE		J VANLANDINGHAM	60
WIN KENNEDY	81	GEORGE PEIRO	21	TEXAS AQUATICS	2:10.15	JUDY HOOPER	36
FRED WALBOLT	81	GARY REESE	28	KARLENE WISE	40	JAMES PITTS	64
*****		CHERI PRICE	41	LARRY WOOD	40	BUCKEYE MASTERS	2:35.76
RELAYS: MIXED 200 M. MEDLEY		LOUISVILLE Y	2:30.72	KEITH BELL	45	M. JANE BAKI	39
*****		DENNIS DIXON	27	S.NEILSON-BELL	38	ANN GUINS	40
76 - 99		RANDALL SCHERER	33	SUNCOAST MASTER	2:10.81	THOMAS TRIPP	52
R:UNIV SAN FRAN	92 2:02.31	DANA FRANKS	20	DEB WALKER	43	EDWARD HABAN	69
GARY YANG		SHAWN O'BANNON	34	RICK WALKER	43	ST LOUIS	2:37.02
JANET HAUER		RALEIGH AREA	2:31.40	KEVIN MCCORMACK	41	WILLIAM CANNON	64
GREG MACKEM		BOB IRONS	27	LYNN CARTEE	47	LESLIE COOPER	34
CYNTHIA HINSHAW		ROBYNNE SIMPSON	26	ST PETE	2:14.06	ARDETH MUELLER	53
ORLM	2:10.97	ANITA IRONS	30	WILLIAM SPECHT	36	ROBERT BLAKE	69
PAUL ROBINSON	26	ANDREW FARRELL	23	ELAINE BROWNHICH	51	MICHIGAN MASTER	2:41.41
F.CHARMFORDOOSH	28	120-159		BRIAN VAILE	32	BEVERLY MYERS	59
JENNIFER HUGUS	25	R:D.C. MASTERS	85 1:58.03	JAYNE LAMBKE	55	CHARLES MOSS	66
DANIELLE SIRBU	20	THOMAS WOLF		LAKESIDE MASTER	2:14.82	THOMAS SCHARDT	26
VEN	2:17.43	MATTHEW KANZLER		WILLIAM TINGLEY	43	FREDERICKA RAPP	50
NEIL REGAN	24	SUSAN SKIFF		MARY CHRIS CURL	37	RALEIGH AREA	2:44.64
LARS GRONHOLM	24	JACKI HIRSTY		JOHN NOLAN	45	CEIL BLACKWELL	53
DAN BORTON	26	DC MASTERS	2:07.38	PAM MARTIN	36	DICK WEBBER	65
ROBYN GARINGER	21	JOHN CALVERT	48	NIAGARA	2:16.19	SALLY NEWELL	56
LMM	2:28.32	CHERYL CONLIN	26	BRIDGET ROBBINS	24	PHIL EISENHART	51
JOHN LAPP	25	SUSAN SKIFF	40	DAN WALTERS	49	NEW ENGLAND	2:45.47
CHESSA KONOLD	21	MANUEL PARDO	24	CARO PFLUGHEBER	41	TRACY GRILLI	37
BYRON KONOLD	23	ASHBURN VILLAGE	2:08.73	RICHARD BROOKS	50	BARR CLAYSON	59
LYNN KILLIAN	29	LAURA SCHWEE	32	VIRGINIA	2:16.73	HOMER LANE	45
HUMU	2:34.15	ROB CHENAULT	31	MIKE DUGNAN	48	ELINOR WRIGHT	70
BRENDON EWERS	24	ROBERT WHITTERS	41	MICHAEL SLOWEY	36	EMPIRE STATE	2:49.93
JULIA NEFCZYK	24	SUZANNE NEWELL	35	DIANE CAYCE	38	MARIE VELLUCCI	45
KEITH KLIPFEL	28	CONNECTICUT	2:10.31	LISA BENNETT	38	WALTER LYNCH	73
KARLIE HEINZ	19	DONALD SKEOCH	31	WESTERN PENN	2:20.05	LEONARD HANDEL	53
100-119		ELIZABETH FRY	35	ANDRE WEISBROD	45	DONNA TRICARICO	34
R:HOUSTONIAN CLUB90	1:56.50	DONNA NEARY	38	JACK MCINTYRE	48	240-279	
CLAY BRITT		MICHAEL NOMJRA	26	JACKIE GIDAS	40	R:NEW ENGLAND	88 2:29.30
L WETZEL-OSBORNE		COLONIALS-1776	2:11.27	LURIE ROBINSON	37	CLARA WALKER	
STUART KNOWLES		STU MARVIN	38	SOSM	2:20.66	TED HAARTZ	
REBECCA WETZEL		AMY GRACE	35	VICKY DAVIDSON	29	WIN WILSON	
MINNESOTA	2:02.73	JOSEPH THIER	30	LLOYD SKRAMSTAD	60	DIANE REED	
KRISTINE ROGGE	25	CHRIST SCHROEDER	45	MATHILDE BOUWMA	26	DC MASTERS	2:39.85
MICHELE HEMMING	27	NIAGARA	2:13.02	BILL EARLEY	57	LEE BETTIS	56
MICHAEL HESS	33	JOHN SIMM	38	OREGON	2:24.57	JAYNE BRUNER	60
TOM DUXBURY	33	WENDY RYAN	37	JOHN ZELL	37	ROBERT BENNETT	51
CRESCENT HILL	2:13.65	RICHA FORRESTEL	37	ALLEN STARK	45	ANNE WALKER	78
TONY SIEBEL	26	ELLE PFLUGHEBER	36	SANDI ROUSSEAU	46	VIRGINIA	2:42.23
GINA MARIE GATTI	31	ST PETE	2:13.69	PETEY SMITH	70	BETSY DURRANT	52
JEFF HOGG	29	BRIAN VAILE	32	MACO	2:24.91	JOHNNIE DETRICK	58
MICHELLE WARD	25	LISA HUDAK	29	JEFF STILING	34	FORRES SULLIVAN	64
BOLT	2:15.60	WILLIAM SPECHT	36	EVELYN SINAI	54	WILLIAM IRWIN	66
KERRY FRITSCHER	25	SHERI PREDMORE	27	TERI HENDRYX	41	SAN DIEGO SWIM	2:45.55
ROBERT FRITSCHER	26	LAKESIDE MASTER	2:13.84	DAVE DRAKE	42	BETSY JORDAN	57
DAVID HINYUP	31	CAROLINE DONNELLY	32	200-239		DONALD BAKER	63
ROBIN ROBINSON	23	RUSSELL WILLIAMS	34	R:LOS ALTOS	94 2:14.32	ADRIENNE PIPES	60
INLAND EMPIRE	2:16.23	SAM BLYTHE	35	EDWARD CAZALET		RICHARD LABAHN	65
DAVID NICHOLS	28	AMY POPE	34	TOM BOAK		MICHIGAN	2:45.65
ELIN ZANDER	40	ALHAMBRA	2:16.04	CAROLYN BOAK		BEVERLY MYERS	59
		STEVE LATTA	27			CHARLES MOSS	66



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