FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

WOMEN 25-29

50 M. FREE

27.54	H. TURK	GRB
28.82	JUDITH KATTERMAN	USA
28.86	SUE MACLEOD	CAN
28.90	BARB PAUL	CAN
29.33	MELISSA BROWN	USA
29.49	ANDREE BRAULT	CAN
29.62	MARY HUBER	USA
29.74	BARB CROWDER	USA
29.76	DEBBIE LANGVAND	CAN
29.84	I. HOL	AUS

100 M. FREE

1:03.44	JUDITH KATTERMAN	USA
1:03.47	S. BRISTOW	AUS
1:03.59	C. FERGUSON	AUS
1:03.95	PIA MARTENSSON	SWE
1:04.10	BARB PAUL	CAN
1:04.15	BARBARA CONNETT	USA
1:04.45	DIANA DOLAN-EVANS	USA
1:04.48	SUSAN JONES	CAN
1:04.70	ALISON NOBLE	CAN
1:05.54	MARY TURNER	CAN

200 M. FREE

2:16.60	SUE MACLEOD	CAN
2:20.00	SUSAN JONES	CAN
2:20.15	I. HOL	AUS
2:21.06	JUDITH KATTERMAN	USA
2:22.30	ALISON NOBLE	CAN
2:24.64	DAWN CARLSON	USA
2:26.10	K. CLARKE	AUS
2:26.28	ANITA CALLAHAN	USA
2:26.86	C BINNIE	NZL
2:27.62	DEA LOY	USA

400 M. FREE

4:30.49	L. MARSHALL	GRB
4:47.62	CATHY NEVILLE	USA
4:48.19	ALISON NOBLE	CAN
4:48.26	I. HOL	AUS
4:51.75	BARB CROWDER	USA
4:55.68	JUDITH KATTERMAN	USA
5:03.64	SUSAN JONES	CAN
5:07.05	DIANE DAYMOND	USA
5:08.81	SUE BAXTER	USA
5:09.08	K. CLARKE	AUS

800 M. FREE

10:11.63	C. FERGUSON	AUS
10:20.30	ALISON NOBLE	CAN
10:23.94	I. HOL	AUS
10:47.59	LISA GRIFFIN	USA
10:49.52	C BINNIE	NZL
11:05.47	L OWEN	CAN
11:12.00	A. KILLMIER	AUS
11:13.22	ANITA WALKER	USA
11:13.75	K. MCGUINN	AUS
11:15.00	CATHY MILLIGAN	CAN

1500 M. FREE

18:57.23	CATHY NEVILLE	USA
19:09.45	JUDITH KATTERMAN	USA
19:29.00	I. HOL	AUS
20:47.64	L OWEN	CAN
21:40.93	MARGARET MORRIS	USA
21:51.50	SUZANNE LEONARD	USA
21:56.26	PATTY BRAUN	USA
22:12.06	JUDITH ROMANN	USA
22:22.07	MARION STAAB	USA
22:29.00	B. ASHBY	AUS

50 M. BACK

33.24	PATRICIA MORAN	USA
33.59	S. BRISTOW	AUS
33.67	ALISON NOBLE	CAN
34.00	CATHY MILLIGAN	CAN
34.80	DEBBIE LANGVAND	CAN
34.90	KAREN FARNSWORTH	USA
34.90	JANIE MCCALL	CAN
34.96	C. RILEY	AUS
35.24	SHARON BURLINGAME	USA
35.33	LENA BERGLUND	SWE

100 M. BACK

1:11.49	PATRICIA MORAN	USA
1:11.74	ALISON NOBLE	CAN
1:14.50	KAREN FARNSWORTH	USA
1:15.00	CATHY MILLIGAN	CAN
1:15.44	S. BRISTOW	AUS
1:15.50	JANIE MCCALL	CAN
1:16.83	MARIANNE TOUR	SWE
1:17.06	BARBARA CONNETT	USA
1:18.78	LENA BERGLUND	SWE
1:19.00	MICHELE OLIVER	CAN

200 M. BACK

2:40.53	PATRICIA MORAN	USA
2:41.20	KAREN FARNSWORTH	USA
2:42.62	CATHY MILLIGAN	CAN
2:44.67	CATHY NEVILLE	USA
2:46.21	SUE BAXTER	USA
2:46.88	MICHELE OLIVER	CAN
2:48.24	BARBARA CONNETT	USA
2:48.25	MARY HUMPHRIES	CAN
2:52.55	MARILYN COURTNEY	CAN
2:52.70	LYNN CURNEW	CAN

50 M. BRST

36.95	LISA TUBERGEN	USA
37.64	JEANNE HANISCH	USA
38.23	YLVA OTTOSSON	SWE
38.49	SUSAN RICHMOND	USA
38.59	RAPHAELA JABLONCA	CAN
38.60	ANGELA LEGAULT	CAN
38.69	JACQUI MCFARLAND	CAN
39.16	J. COSSTICK	AUS
39.30	EDIE FISHER	CAN
39.40	ROBERTA THOMSON	CAN

100 M. BRST

1:16.07	S. MCDONALD	GRB
1:21.25	LISA TUBERGEN	USA
1:22.31	SUSAN RICHMOND	USA
1:22.74	JEANNE HANISCH	USA
1:22.92	JULIE HERBERT	CAN
1:23.70	EDIE FISHER	CAN
1:24.13	JANIE MCCALL	CAN
1:24.30	JUDY HAWKSWORTH	CAN
1:24.43	ANN-KATRIN WIMAN	SWE
1:24.62	ROBERTA THOMSON	CAN

200 M. BRST

2:56.86	SUSAN RICHMOND	USA
3:03.25	JUDY HAWKSWORTH	CAN
3:03.59	DAWN CARLSON	USA
3:04.02	JEANNE HANISCH	USA
3:05.90	KAREN SNOW	CAN
3:08.92	GABRIELLE KUEMMER	CAN
3:10.85	J. WARREN	AUS
3:13.69	LISA KING	CAN
3:15.40	JANICE BURNS	CAN
3:15.47	JULIE HERBERT	CAN

50 M. FLY

30.08	S. MCDONALD	GRB
31.10	JANIE MCCALL	CAN
31.47	YLVA OTTOSSON	SWE
31.59	GABRIELLE KUEMMER	CAN
31.60	BARB PAUL	CAN
31.91	SUE MACLEOD	CAN
32.27	C. RILEY	AUS
32.58	LISA TUBERGEN	USA
32.61	CATHY NEVILLE	USA
32.63	K. CLARKE	AUS

100 M. FLY

1:11.32	DIANE DAYMOND	USA
1:12.04	YLVA OTTOSSON	SWE
1:12.47	K. CLARKE	AUS
1:13.05	SUSAN JONES	CAN
1:13.17	PAT RILEY	CAN
1:13.41	GABRIELLE KUEMMER	CAN
1:14.16	LISA TUBERGEN	USA
1:14.34	JUDY WATSON	CAN
1:14.51	L OWEN	CAN
1:15.24	KAREN QUELLETTE	USA

200 M. FLY

2:36.94	CATHY NEVILLE	USA
2:50.81	SUSAN RICHMOND	USA
2:54.32	DIANE STRONG	USA
2:55.62	C BINNIE	NZL
3:00.72	ANITA WALKER	USA
3:02.60	SANDY WOOLEY	CAN
3:03.20	MARY HUMPHRIES	CAN
3:08.40	VERONICA LOTKOWSK	CAN
3:13.38	T. NARCOWICH	USA
3:14.19	L. O'CONNELL	AUS

100 M. I.M.

1:12.98	JUDITH KATTERMAN	USA
1:13.60	JANIE MCCALL	CAN
1:13.76	PATRICIA MORAN	USA
1:14.00	J. SUTCLIFFE	AUS
1:14.45	LISA TUBERGEN	USA
1:15.00	C. RILEY	AUS
1:15.23	KAREN SNOW	CAN
1:15.30	YLVA OTTOSSON	SWE
1:15.40	DEBBIE LANGVAND	CAN
1:15.42	J. BARFOOT	AUS

400 M. I.M.

5:30.95	CATHY NEVILLE	USA
5:49.55	KAREN SNOW	CAN
5:54.57	LISA GRIFFIN	USA
5:56.29	L OWEN	CAN
6:02.10	JUDY WATSON	CAN
6:02.80	MARY HUMPHRIES	CAN
6:04.24	C. FERGUSON	AUS
6:08.76	JULIE HERBERT	CAN
6:20.00	B. ASHBY	AUS
6:21.28	JANICE BURNS	CAN

WOMEN 30-34

50 M. FREE

27.60	A. JONES	GRB
28.01	JACKI HIRSTY	USA
28.53	J HUDGELL	NZL
28.69	CLAUDIA CRONIN	CAN
28.95	CATHY MERRITT	CAN
29.76	LOUISE CLEARY	USA
30.00	ANN MARDBRINK	SWE
30.19	MADO NOPPEN	CAN
30.42	PEGGY STROUD	CAN
30.62	ROBYN RICHARDS	USA

100 M. FREE

1:01.02	A. JONES	GRB
1:01.76	J HUDGELL	NZL
1:03.87	CATHY MERRITT	CAN
1:04.48	CLAUDIA CRONIN	CAN
1:06.29	SHARON BERG	USA
1:07.04	PAT GILMORE	CAN
1:07.15	CATHY CHAY	USA
1:07.50	ANN MARDBRINK	SWE
1:08.82	DIANE PHILLIPS	CAN
1:08.92	PEGGY STROUD	CAN

200 M. FREE

2:15.28	JACKI HIRSTY	USA
2:16.01	J HUDGELL	NZL
2:21.28	SHARON BERG	USA
2:22.34	CATHY CHAY	USA
2:22.50	CLAUDIA CRONIN	CAN
2:25.34	KIM HANSEN	USA
2:27.74	GAYLE BENTY	USA
2:30.14	H. PRIESTLY	GRB
2:36.42	GIGI UNDERWOOD	USA
2:37.26	KAREN BOYER	USA

400 M. FREE

4:41.36	A. JONES	GRB
4:50.53	J HUDGELL	NZL
4:57.11	CATHY CHAY	USA
5:01.83	ELAINE HOCHULI	USA
5:08.75	CLAUDIA CRONIN	CAN
5:09.94	MARILYN FINK	USA
5:21.43	CATHY MERRITT	CAN
5:32.73	JULIE D'AMBROSIA	USA
5:33.97	ELIN ZANDER	USA
5:34.29	WENDY ROTTMANN	CAN

800 M. FREE

10:05.31	CATHY CHAY	USA
10:35.14	CLAUDIA CRONIN	CAN
11:29.29	MADO NOPPEN	CAN
11:29.44	ELIN ZANDER	USA
11:49.37	SALLY BOULDING	CAN
11:49.64	K. VON OFFENHEIM	CAN
11:53.94	BARBARA SPIETH	USA
12:01.41	ANITA ALLEN	USA
12:07.00	L. SHARPE	AUS
12:12.80	EVE BURNS	CAN

1500 M. FREE

19:20.90	CATHY CHAY	USA
21:16.30	CLAUDIA CRONIN	CAN
21:25.41	JULIE D'AMBROSIA	USA
21:44.73	MARY DOWLEN	USA
21:46.78	ELIN ZANDER	USA
22:09.92	SALLY BOULDING	CAN
22:10.40	K. VON OFFENHEIM	CAN
22:55.92	M. WILBY	AUS
22:58.50	NAOMI FROLICH	CAN
23:03.06	BARBARA SPIETH	USA

50 M. BACK

34.06	PAT GILMORE	CAN
34.45	J HUDGELL	NZL
34.98	LOUISE CLEARY	USA
35.34	CLAUDIA CRONIN	CAN
35.50	CATHY SMITH	CAN
35.54	J. CLIFTON	AUS
35.90	SUZANNE GOSSELIN	CAN
36.36	S. ANDREW	AUS
36.49	DALE KENNEDY	USA
36.90	MADO NOPPEN	CAN

100 M. BACK

1:04.03	J HUDGELL	NZL
1:13.90	PAT GILMORE	CAN
1:18.59	SUZANNE GOSSELIN	CAN
1:19.56	DIANE PHILLIPS	CAN
1:20.06	CLAUDIA CRONIN	CAN
1:20.70	CATHY SMITH	CAN
1:20.85	SUSAN SEBALD	USA
1:21.26	DALE KENNEDY	USA
1:21.26	NANCY MARTIN	USA
1:22.95	COLLEEN SHIELDS	CAN

200 M. BACK

2:38.91	PAT GILMORE	CAN
2:39.14	J HUDGELL	NZL
2:45.69	SUZANNE GOSSELIN	CAN
2:49.99	LOUISE CLEARY	USA
2:51.04	CLAUDIA CRONIN	CAN
2:51.80	CATHY CHAY	USA
3:02.68	LYNN VERNON	CAN
3:05.31	ROXANNE LEE SHEE	CAN
3:05.83	CARRIE SLOVER	USA
3:06.09	NININE TESTA	USA

50 M. BRST

35.24	A. JONES	GRB
37.17	CATHY MERRITT	CAN
38.58	SUE CHENIER	CAN
38.60	JANET REGIS	USA
38.67	SUSAN H-SMUCK	USA
38.79	M ANDREWS	NZL
39.20	SUSAN SEBALD	USA
39.48	LORI CLARK	USA
39.53	KATIE MCNAMERA	USA
40.20	WENDY ROTTMANN	CAN

100 M. BRST

1:18.86	A. JONES	GRB
1:20.57	CATHY MERRITT	CAN
1:22.94	SUSAN H-SMUCK	USA
1:24.12	SUSAN SEBALD	USA
1:25.55	JANET REGIS	USA
1:25.66	R HERRING	NZL
1:26.00	WENDY ROTTMANN	CAN
1:26.30	SUE CHENIER	CAN
1:26.41	KATIE MCNAMERA	USA
1:26.48	SUZANNE GOSSELIN	CAN

200 M. BRST

2:53.24	GAYLE BENTY	USA
2:59.92	SUSAN H-SMUCK	USA
3:00.30	CATHY MERRITT	CAN
3:04.55	SUSAN SEBALD	USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

3:10.75 P. SOMERVILLE AUS
3:16.69 ELAINE HOCHULI USA
3:16.92 CATHY CHAY USA
3:20.35 ANNE RUSSELL CAN
3:21.70 EVE BURNS CAN
3:23.27 ELIN ZANDER USA

50 M. FLY

31.59 A. JONES GRB
32.31 ELAINE HOCHULI USA
32.32 R HERRING NZL
32.41 LOUISE CLEARY USA
33.67 ANN MARDBRINK SWE
33.91 ROBYN RICHARDS USA
34.36 MADO NOPPEN CAN
34.67 PEGGY STROUD CAN
35.20 BEV WATSON CAN
35.30 CATHY MERRITT CAN
35.30 WENDY ROTTMANN CAN

100 M. FLY

1:11.11 J HUDGELL NZL
1:11.66 ELAINE HOCHULI USA
1:12.82 SHARON BERG USA
1:13.82 LOUISE CLEARY USA
1:18.58 JULIE D'AMBROSIA USA
1:20.80 DEBBIE WILSON CAN
1:21.58 NANCY MARTIN USA
1:25.24 O. NEGRI ITA
1:26.92 MEREDITH RICHERT CAN
1:27.98 KATHY MILLER USA

200 M. FLY

2:39.73 ELAINE HOCHULI USA
2:56.04 CATHY CHAY USA
3:16.67 KATHY MILLER USA
3:27.32 L HUFFMAN NZL
3:34.26 CAROL WEAVER USA
3:36.00 L. SHARPE AUS
3:43.90 CHRIS CAREY USA
3:50.31 ROBIN DURANT USA
3:50.60 PAMELA LEMAY CAN
3:55.70 ROSEMARY COOKE CAN

100 M. I.M.

1:10.61 A. JONES GRB
1:14.84 R HERRING NZL
1:14.85 CATHY MERRITT CAN
1:17.53 SUSAN SEBALD USA
1:17.55 C. PARKS AUS
1:18.30 WENDY ROTTMANN CAN
1:18.52 GAYLE BENTY USA
1:18.56 SHARON BERG USA
1:19.05 A. CLARKE AUS
1:19.20 KATIE MCNAMERA USA

200 M. I.M.

2:43.15 SHARON BERG USA
2:43.90 PAT GILMORE CAN
2:47.20 CATHY MERRITT CAN
2:48.81 CLAUDIA CRONIN CAN
2:50.73 CATHY CHAY USA
2:52.21 SUSAN H-SMUCK USA
2:52.54 KATIE MCNAMERA USA
2:53.54 WENDY ROTTMANN CAN
2:54.83 LORI CLARK USA
2:55.98 DIANE PHILLIPS CAN

400 M. I.M.

5:52.22 CATHY CHAY USA
5:52.85 GAYLE BENTY USA
5:56.70 PAT GILMORE CAN
5:57.56 CLAUDIA CRONIN CAN
6:09.21 SUSAN H-SMUCK USA
6:16.26 SUSAN SEBALD USA
6:19.80 PEGGY STROUD CAN
6:28.11 JULIE D'AMBROSIA USA
6:36.11 ALISON ESSES USA
6:42.61 ELIN ZANDER USA

****
WOMEN 35-39
****

50 M. FREE

30.07 ROBIN RUSSELL CAN
30.33 BARBARA DUNBAR USA
30.37 R. WILSMORE AUS
31.20 CHRISTINE ZIMMET USA
31.54 KENNIE OLSSON SWE
31.60 SHIRLEY SCHMIDT CAN
31.81 KATHRINE CASEY USA
32.37 LINDA MCHENRY USA
32.51 BRENDA HUTTON CAN
32.68 SANDI ROUSSEAU USA

100 M. FREE

1:08.30 ROBIN RUSSELL CAN
1:08.80 KENNIE OLSSON SWE
1:09.07 KATHRINE CASEY USA
1:09.30 SHIRLEY SCHMIDT CAN
1:11.40 SUZANNE RAGUE USA
1:12.40 ELEANOR PINFOLD CAN
1:12.95 ARLENE HENDERSON CAN
1:13.14 DEBBIE WILSON CAN
1:13.80 CANDACE LANG USA
1:13.98 V. HOLMAN AUS

200 M. FREE

2:29.60 SHIRLEY SCHMIDT CAN
2:31.00 SUZANNE RAGUE USA
2:31.21 ARLENE HENDERSON CAN
2:33.90 CHRISTINE ZIMMET USA
2:35.80 M. WILBY AUS
2:37.31 KATHRINE CASEY USA
2:40.52 CATHY IMWALLE USA
2:44.16 CANDACE LANG USA
2:44.21 DEBBIE WILSON CAN
2:45.00 CULLEN REYNOLDS CAN

400 M. FREE

5:02.04 BARBARA DUNBAR USA
5:10.91 KENNIE OLSSON SWE
5:20.48 TERRY MARTIN USA
5:20.90 SHIRLEY SCHMIDT CAN
5:25.02 B GRIFFITH NZL
5:27.00 ARLENE HENDERSON CAN
5:35.70 DEBBIE WILSON CAN
5:46.14 KATHRINE CASEY USA
5:55.87 L. MITCHELL AUS
5:58.00 R. WILSMORE AUS

800 M. FREE

10:28.27 BARBARA DUNBAR USA
11:06.59 ARLENE HENDERSON CAN
11:20.12 KATHERINE CASEY USA
11:21.38 KRISTINA KING USA
11:27.14 M. WILBY AUS
11:35.85 DEBBIE WILSON CAN
12:16.18 L. MITCHELL AUS
12:30.64 V. HOLMAN AUS
12:31.17 L CALVERT NZL
12:46.96 J. SUTTON AUS

1500 M. FREE

19:44.19 BARBARA DUNBAR USA
20:37.99 KENNIE OLSSON SWE
21:28.84 KRISTINA KING USA
21:31.90 SHIRLEY SCHMIDT CAN
21:44.40 DEBBIE WILSON CAN
24:57.19 PENNY POTTER USA
25:19.20 JUDY KENT CAN
25:41.03 M. JEFFERIS AUS
25:47.32 KATHY BAY USA
25:50.25 SANDRA CATHEY USA

50 M. BACK

35.62 R. WILSMORE AUS
35.91 SHIRLEY SCHMIDT CAN
35.93 DEB WALKER USA
36.18 JAN PESAVENTO USA
36.47 BIRGITTA BJORK SWE
36.49 ARLENE HENDERSON CAN
36.85 B GRIFFITH NZL
37.34 MARY LITTLETON CAN
38.30 KENNIE OLSSON SWE
38.57 VIVIANE LALIBERTE CAN

100 M. BACK

1:18.12 DEB WALKER USA
1:18.27 ARLENE HENDERSON CAN
1:19.67 JAN PESAVENTO USA
1:20.10 SHIRLEY SCHMIDT CAN
1:20.40 DIANE PHILLIPS CAN
1:20.42 B GRIFFITH NZL
1:21.21 BIRGITTA BJORK SWE
1:21.57 KENNIE OLSSON SWE
1:22.16 P. SOMERVILLE AUS
1:23.80 ELEANOR PINFOLD CAN

200 M. BACK

2:49.44 ARLENE HENDERSON CAN
2:53.34 B GRIFFITH NZL
2:55.40 SHIRLEY SCHMIDT CAN
3:04.26 ELEANOR PINFOLD CAN
3:04.66 MARY LITTLETON CAN
3:05.66 C. WOODHOUSE AUS
3:09.85 VIVIANE LALIBERTE CAN
3:09.99 SUSAN CASE USA
3:10.20 B. TOOHEY AUS
3:11.24 HEATHER DEWITT USA

50 M. BRST

37.89 DEB WALKER USA
39.20 YVONNE CATTRALL CAN
39.63 JAN PESAVENTO USA
40.36 C KINGSBEER NZL
40.58 KATHERINE CASEY USA
40.73 MAUREEN GIUFFRE USA
41.11 JOANNA ABDOU CAN
41.44 R. WILSMORE AUS
42.62 P. SOMERVILLE AUS
43.03 KATHLEEN MILNE CAN

100 M. BRST

1:23.58 DEB WALKER USA
1:23.91 CATHY IMWALLE USA
1:25.21 JAN PESAVENTO USA
1:26.38 YVONNE CATTRALL CAN
1:29.52 JOANNA ABDOU CAN
1:31.16 C KINGSBEER NZL
1:32.42 KATHERINE CASEY USA
1:33.02 NANCY POLISKY USA
1:34.08 JANET CUMMONS USA
1:34.70 ANITA BOOK SWE

200 M. BRST

3:04.67 CATHY IMWALLE USA
3:08.53 DEB WALKER USA
3:09.72 JAN PESAVENTO USA
3:10.50 YVONNE CATTRALL CAN
3:13.27 JOANNA ABDOU CAN
3:14.03 KATHERINE CASEY USA
3:21.31 B. TOOHEY AUS
3:26.88 SHIRLEY KNOTT USA
3:29.43 C. CHALMERS AUS
3:31.44 KATHLEEN MILNE CAN

50 M. FLY

34.24 R. WILSMORE AUS
34.36 JAN PESAVENTO USA
34.88 SANDI ROUSSEAU USA
35.40 TERRY MARTIN USA
35.62 ROBIN RUSSELL CAN
35.70 DIANE PHILLIPS CAN
35.76 DEBBIE WILSON CAN
35.97 ARLENE HENDERSON CAN
36.66 MARY LITTLETON CAN
37.38 HEATHER DEWITT USA

100 M. FLY

1:11.42 BARBARA DUNBAR USA
1:16.90 S BRAY NZL
1:17.73 P. JACKSON GRB
1:18.51 DEBBIE WILSON CAN
1:22.82 SANDI ROUSSEAU USA
1:25.51 HEATHER DEWITT USA
1:26.49 ARLENE HENDERSON CAN
1:27.06 M. WILBY AUS
1:31.42 C. DAVEY AUS
1:31.59 MARY LITTLETON CAN

200 M. FLY

2:57.00 DEBBIE WILSON CAN
3:04.60 ARLENE HENDERSON CAN
3:04.99 TERRY MARTIN USA
3:13.45 SANDI ROUSSEAU USA
3:27.39 MARY LITTLETON CAN
3:29.17 WINIFRED PRALL USA
3:32.43 L. MITCHELL AUS
3:40.80 WENDY KRASNY CAN
3:48.34 ANGELE SOUTHIERE CAN
3:52.60 JODY AULETTA USA

100 M. I.M.

1:16.53 DEB WALKER USA
1:17.86 JAN PESAVENTO USA
1:20.07 CATHY IMWALLE USA
1:20.50 SHIRLEY SCHMIDT CAN
1:20.50 P. SOMERVILLE AUS
1:21.76 MARY LITTLETON CAN
1:22.29 KENNIE OLSSON SWE
1:23.89 ELEANOR PINFOLD CAN
1:24.10 CHRISTINE ZIMMET USA
1:25.20 YVONNE CATTRALL CAN

200 M. I.M.

2:47.59 JAN PESAVENTO USA
2:51.60 ARLENE HENDERSON CAN
2:52.60 CATHY IMWALLE USA
2:56.56 P. SOMERVILLE AUS
2:58.37 CHERYL BLAY CAN
2:59.71 KATHRINE CASEY USA
3:03.22 HEATHER DEWITT USA
3:04.75 M. WILBY AUS
3:06.63 MARY LITTLETON CAN
3:09.09 PENNY MYMRYK CAN

400 M. I.M.

5:49.29 BARBARA DUNBAR USA
5:59.47 ARLENE HENDERSON CAN
6:10.96 JAN PESAVENTO USA
6:14.91 DEBBIE WILSON CAN
6:27.47 P. SOMERVILLE AUS
6:32.60 DIANE PHILLIPS CAN
6:38.28 LINDA MCHENRY USA
6:38.87 M. WILBY AUS
6:40.98 MARY LITTLETON CAN
7:01.05 L. MITCHELL AUS

****
WOMEN 40-44
****

50 M. FREE

31.16 NANCY RIDOUT USA
32.09 SUE HERRINGTON USA
32.29 J. BECKER AUS
32.80 SUSAN GUSTAVISON CAN
33.22 G. MUTTON AUS
33.53 GUN WESTLIN SWE
33.84 NANCY DEAL USA
33.85 JUDY DECKER USA
34.14 DONNA BURKHART USA
34.31 BARBRO BILLQUIST SWE

100 M. FREE

1:11.67 NANCY RIDOUT USA
1:12.00 MARY LOU WOOD CAN
1:14.17 SUSAN GUSTAVISON CAN
1:16.29 DONNA BURKHART USA
1:17.60 BARBRO BILLQUIST SWE
1:18.30 L. JOHNSON AUS
1:18.55 SIV WICKSTROM SWE
1:18.84 PAT MALEY USA
1:19.52 LESLEY ANN CLARK CAN
1:19.74 MARY CHENG USA

200 M. FREE

2:37.80 SUSAN GUSTAVISON CAN
2:40.69 NANCY RIDOUT USA
2:42.23 C. FLEMING AUS
2:46.05 LYNN BROWNSTEIN USA
2:49.00 MARY LOU WOOD CAN
2:52.21 VICKIE BUCCINO USA
2:53.20 LESLEY ANN CLARK CAN
2:54.33 PAT MALEY USA
2:57.15 MARY CHENG USA
2:57.35 B. VAN DER L'ST AUS

400 M. FREE

5:27.49 NANCY RIDOUT USA
5:34.69 JANET ROYER USA
5:37.80 SUSAN GUSTAVISON CAN
5:46.31 LYNN BROWNSTEIN USA
5:50.44 BARBARA BUKOWSKI CAN
5:54.79 PAT MALEY USA
6:01.06 VICKIE BUCCINO USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

6:07.35	MARY LOU WOOD	CAN	200	M.	BRST		**********			1:26.09	LUCILLE GRIFFIN	USA
6:19.32	B. VAN DER L'ST	AUS	3:18.37	MARY LOU WOOD	CAN	50	M.	FREE		1:26.35	A WILSON	NZL
6:21.70	GAY KLEIBER	CAN	3:20.20	JANE M-SHERMAN	USA	33.30	LINDA MACPHERSON	CAN		1:26.91	A. KINNAIRD	AUS
800	M.	FREE	3:29.00	BARB DREHER	USA	33.76	CHARLOTTE JENKINS	USA		1:29.90	KARIN AHLSTROM	SWE
11:32.96	NANCY RIDOUT	USA	3:29.80	ANGELA HICKEY	CAN	34.09	JEANNE LITTLE	USA		1:29.95	NIN ANDERSSON	SWE
11:38.94	LISA WOODMAN	USA	3:35.35	LINDA CAZIN	USA	34.09	JAYNE LAMBKE	USA		1:31.10	JACQUELINE ODLUM	CAN
11:39.80	SUSAN GUSTAVISON	CAN	3:38.92	ESTER KOCH	USA	34.20	A LEACH	NZL		1:37.15	C. NEWEY	AUS
11:40.66	LYNN BROWNSTEIN	USA	3:44.10	B. VAN DER L'ST	AUS	34.82	MARG BROCK	CAN		1:37.80	MARG BROCK	CAN
11:55.40	BARBARA BUKOWSKI	CAN	3:45.35	V. REDDAN	AUS	35.17	BARBARA ZAREMSKI	USA		1:40.20	MARJORY ACTION	CAN
12:14.71	MARY LOU WOOD	CAN	3:48.16	T. MCCLEOD	AUS	35.26	L. JOHNSON	AUS	200	M.	BACK	
12:37.15	SUSAN GARFIN	USA	3:52.24	BARBARA HARDCASTL	CAN	36.40	YVONNE CARR	CAN	2:57.86	BETSY JORDAN		USA
13:03.90	GAY KLEIBER	CAN	50	M.	FLY	37.07	SARA SNOEK	USA	3:16.71	JACQUELINE ODLUM		CAN
13:06.35	B. VAN DER L'ST	AUS	36.17	NANCY RIDOUT	USA	100	M.	FREE	3:18.27	SUSAN BLAKE		USA
13:22.96	M. MCINTOSH	AUS	36.23	SUE HERRINGTON	USA	1:13.33	JANET ROYER	USA	3:34.58	BARBARA ZAREMSKI		USA
1500	M.	FREE	36.30	J. BECKER	AUS	1:14.85	CHARLOTTE JENKINS	USA	3:37.54	J. GALBRAITH		USA
21:55.64	JANET ROYER	USA	37.20	M. MARS	ITA	1:15.69	LINDA MACPHERSON	CAN	3:42.91	A. SMITH		AUS
21:55.72	LYNN BROWNSTEIN	USA	37.45	KISSE BJORK	SWE	1:16.86	LUCILLE GRIFFIN	USA	3:48.74	PAM LAWTON		CAN
22:10.70	SUSAN GUSTAVISON	CAN	38.93	NANCY DEAL	USA	1:17.90	A LEACH	NZL	3:49.16	MARY LOU SCHULZ		USA
22:57.43	MARY LOU WOOD	CAN	39.10	J. WATSON	AUS	1:18.51	L. JOHNSON	AUS	3:53.14	FRANCES MCKILLIGA		CAN
22:58.50	BARBARA BUKOWSKI	CAN	39.29	M. STANTON	AUS	1:20.65	JEANNE LITTLE	USA	3:53.46	I. COLLINS		AUS
23:45.17	SUSAN GARFIN	USA	39.46	V. REDDAN	AUS	1:21.42	R. ANDROSONI	ITA	50	M.	BRST	
25:09.00	GAY KLEIBER	CAN	39.70	SUSAN GUSTAVISON	CAN	1:23.22	FLO MASSON	CAN	42.01	JOANN LEILICH		USA
25:28.50	BARBRO BILLQUIST	SWE	100	M.	FLY	1:23.80	C. NEWEY	AUS	42.12	DOROTHY BURKE		USA
25:42.50	LOUISE MCGONIGAL	CAN	1:31.04	LYNN BROWNSTEIN	USA	200	M.	FREE	44.27	CHARLOTTE JENKINS		USA
26:05.00	CAROL JUDD	CAN	1:34.51	G. MUTTON	AUS	2:38.39	JANET ROYER	USA	44.74	MARJORY ACTION		CAN
50	M.	BACK	1:36.40	SUSAN GUSTAVISON	CAN	2:51.61	BETH WHITTALL	CAN	45.73	DONNA PHELAN		USA
37.69	R. CUTOLO	ITA	1:39.45	BARB DREHER	USA	2:51.66	CHARLOTTE JENKINS	USA	45.90	INGER CARLSSON		SWE
38.15	DONNA BURKHART	USA	1:40.28	J. FORD	AUS	2:52.02	A LEACH	NZL	47.39	J. ANDERSON		AUS
38.70	SUE HERRINGTON	USA	1:42.11	LOUISE MCGONIGAL	CAN	2:52.74	LINDA MACPHERSON	CAN	48.53	J. CADDEN		AUS
38.85	LINDA BERRY	CAN	1:46.02	IDA HLAVACEK	USA	2:58.33	L. LANT	GRB	49.07	INGRID STINE		USA
39.10	KISSE BJORK	SWE	1:59.25	LYNNE DEVICTORIA	USA	3:03.88	C. NEWEY	AUS	49.24	B. KEET		AUS
39.12	B. KLANGENFELDT	SWE	2:01.31	ADELE MARTEL	CAN	3:04.60	M. SMITH	AUS	100	M.	BRST	
39.53	P. HARM	AUS	2:06.90	PAULA CRISP	CAN	3:04.63	JEANNE LITTLE	USA	1:29.59	JOANN LEILICH		USA
39.70	JENNIE MITCHELL	USA	200	M.	FLY	3:04.97	FLO MASSON	CAN	1:30.56	DOROTHY BURKE		USA
40.12	MARY POHLMANN	USA	3:19.09	LYNN BROWNSTEIN	USA	400	M.	FREE	1:37.15	R. HENZE		AUS
40.39	L. YOUNG	AUS	3:20.60	LISA WOODMAN	USA	5:39.61	JANET ROYER	USA	1:37.22	CHARLOTTE JENKINS		USA
100	M.	BACK	3:25.72	JUDY DECKER	USA	5:56.79	SUSAN BLAKE	USA	1:38.80	MARJORY ACTION		CAN
1:22.56	SUE HERRINGTON	USA	3:33.32	MARY POHLMANN	USA	6:02.67	BETH WHITTALL	CAN	1:40.48	INGER CARLSSON		SWE
1:25.77	DONNA BURKHART	USA	3:39.24	L. BURCH	AUS	6:06.21	A LEACH	NZL	1:42.13	JANET ROYER		USA
1:25.87	LINDA BERRY	CAN	4:01.00	C. ELLIS	AUS	6:15.45	L. LANT	GRB	1:42.23	DONNA PHELAN		USA
1:26.15	M. STANTON	AUS	4:03.93	H. DUNCAN	AUS	6:20.31	BARBARA ZAREMSKI	USA	1:43.15	P. MUNCASTER		AUS
1:26.20	KISSE BJORK	SWE	4:05.30	IDA HLAVACEK	USA	6:28.20	LINDA MACPHERSON	CAN	1:43.47	V. LYNCH		AUS
1:26.86	SUSAN GUSTAVISON	CAN	4:05.44	LINDA CAZIN	USA	6:30.43	DONNA PHELAN	USA	200	M.	BRST	
1:27.42	C. GREENE	AUS	4:28.00	A. JOHNS	AUS	6:36.22	MARY LOU SCHULZ	USA	3:14.16	JOANN LEILICH		USA
1:27.47	JENNIE MITCHELL	USA	100	M.	I.M.	6:37.38	J. ANDERSON	AUS	3:14.86	DOROTHY BURKE		USA
1:27.84	MARY POHLMANN	USA	1:23.10	MARY LOU WOOD	CAN	800	M.	FREE	3:33.82	CHARLOTTE JENKINS		USA
1:29.66	JUDITH TRENCK	USA	1:23.30	J. BECKER	AUS	11:31.88	JANET ROYER	USA	3:34.19	R. HENZE		AUS
200	M.	BACK	1:23.90	KISSE BJORK	SWE	13:02.58	A LEACH	NZL	3:35.12	JANET ROYER		USA
3:04.27	SUSAN GUSTAVISON	CAN	1:24.41	J. WATSON	AUS	13:25.16	BARBARA ZAREMSKI	USA	3:40.47	BARBARA ZAREMSKI		USA
3:04.94	MARY POHLMANN	USA	1:25.50	K HYDE	NZL	13:26.07	FIETJE SAEYES	CAN	3:42.55	J. GALBRAITH		USA
3:05.84	J. WATSON	AUS	1:26.89	LINDA BERRY	CAN	13:28.61	C. NEWEY	AUS	3:43.30	MARJORY ACTION		CAN
3:08.57	JUDITH TRENCK	USA	1:27.53	JUDY DECKER	USA	13:59.27	FLO MASSON	CAN	3:45.41	FRANCESCA CONDON		USA
3:09.43	JENNIE MITCHELL	USA	1:28.14	M. STANTON	AUS	14:31.18	M. WILSON	AUS	3:48.76	P. MUNCASTER		AUS
3:15.52	ANGELA HICKEY	CAN	1:28.74	SIV WICKSTROM	SWE	15:00.11	YVONNE CARR	CAN	50	M.	FLY	
3:16.33	LOUISE MCGONIGAL	CAN	1:29.00	JANE M-SHERMAN	USA	15:10.14	H. DUNCAN	AUS	37.47	KARIN AHLSTROM		SWE
3:18.91	B. VAN DER L'ST	AUS	200	M.	I.M.	15:17.91	V. LYNCH	AUS	37.76	CHARLOTTE JENKINS		USA
3:24.22	SUZY CARLSON	USA	3:02.02	E. FLEIG	AUS	1500	M.	FREE	38.30	LINDA MACPHERSON		CAN
3:26.54	GAY KLEIBER	CAN	3:06.73	NANCY RIDOUT	USA	25:11.20	FIETJE SAEYES	CAN	40.82	BETH WHITTALL		CAN
50	M.	BRST	3:11.40	SUSAN GUSTAVISON	CAN	26:45.70	SYLVIA GLENN	USA	41.33	JEANNE LITTLE		USA
40.56	R. WILSMORE	AUS	3:11.99	JUDY DECKER	USA	27:06.53	M. WILSON	AUS	43.13	A LEACH		NZL
40.58	JUDY DECKER	USA	3:12.26	MARY LOU WOOD	CAN	27:32.33	HELEN GEOFFRION	USA	44.60	C. DWYER		AUS
41.10	MARY LOU WOOD	CAN	3:13.28	LYNN BROWNSTEIN	USA	28:07.52	YVONNE CARR	CAN	45.46	C. NEWEY		AUS
42.09	EVA HOOK	SWE	3:21.46	J. FORD	AUS	28:45.12	V. LYNCH	AUS	45.78	L. JOHNSON		AUS
42.84	J. BECKER	AUS	3:23.75	SUZY CARLSON	USA	29:36.50	KATHY RATTRAY	CAN	47.00	JACQUELINE ODLUM		CAN
43.31	BARB DREHER	USA	3:28.11	PAT MALEY	USA	29:51.06	M. JENSEN	AUS	100	M.	FLY	
43.36	SIV WICKSTROM	SWE	3:29.43	VICKIE BUCCINO	USA	30:09.17	BARBARA GORDON	USA	1:28.64	JANET ROYER		USA
43.54	ESTER KOCH	USA	400	M.	I.M.	31:12.13	B MCCABE	NZL	1:31.69	CHARLOTTE JENKINS		USA
44.00	ANGELA HICKEY	CAN	6:41.77	LYNN BROWNSTEIN	USA	50	M.	BACK	1:35.00	LINDA MACPHERSON		CAN
44.70	JANE M-SHERMAN	USA	6:52.46	SUSAN GUSTAVISON	CAN	38.38	BETSY JORDAN	USA	1:36.39	BETH WHITTALL		CAN
100	M.	BRST	6:53.50	LINDA BERRY	CAN	39.70	LUCILLE GRIFFIN	USA	1:38.99	LUCILLE GRIFFIN		USA
1:29.40	MARY LOU WOOD	CAN	7:18.70	B. VAN DER L'ST	AUS	39.90	KARIN AHLSTROM	SWE	1:40.39	SUSAN BLAKE		USA
1:32.99	JUDY DECKER	USA	7:22.04	J. FORD	AUS	41.38	NIN ANDERSSON	SWE	1:41.53	JAYNE LAMBKE		USA
1:33.01	EVA HOOK	SWE	7:24.42	L. BURCH	AUS	41.48	SUSAN BLAKE	USA	1:43.14	BARBARA ZAREMSKI		USA
1:34.53	SIV WICKSTROM	SWE	7:55.58	FRANCESCA CONDON	USA	41.84	JACQUELINE ODLUM	CAN	1:43.90	DOT WERRY		USA
1:36.13	BARB DREHER	USA	7:58.83	H. DUNCAN	AUS	42.04	MARG BROCK	CAN	1:45.00	H. DUNCAN		AUS
1:36.75	ANGELA HICKEY	CAN	8:26.33	Y. WRIGLEY	AUS	42.99	CHARLOTTE JENKINS	USA	200	M.	FLY	
1:39.32	ESTER KOCH	USA	8:36.99	S. VOSS	AUS	44.49	L. JOHNSON	AUS	3:21.52	LINDA MACPHERSON		CAN
1:40.31	KERSTIN EKSTRAND	SWE				44.75	C. NEWEY	AUS	3:27.52	JANET ROYER		USA
1:40.60	PAM HIMSTREET	USA	**********			100	M.	BACK	3:34.86	BETH WHITTALL		CAN
1:41.28	V. WATTS	AUS	WOMEN 45-49			1:23.57	BETSY JORDAN	USA	3:43.44	BARBARA ZAREMSKI		USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

3:47.00	JACQUELINE ODLUM	CAN
3:56.46	DOT WERRY	USA
3:56.48	H. DUNCAN	AUS
4:17.00	SARA SNOEK	USA
4:33.74	J. MCLEOD	AUS
4:38.86	C. NEWEY	AUS

100 M. I.M.

1:25.71	KARIN AHLSTROM	SWE
1:26.06	CHARLOTTE JENKINS	USA
1:29.52	J. BROWN	GRB
1:31.58	JANET ROYER	USA
1:31.72	SUSAN BLAKE	USA
1:32.44	L. JOHNSON	AUS
1:32.52	LUCILLE GRIFFIN	USA
1:33.76	R. HENZE	AUS
1:33.82	G. ROBINSON	AUS
1:34.00	BETH WHITTALL	CAN

200 M. I.M.

3:11.73	JANET ROYER	USA
3:16.26	CHARLOTTE JENKINS	USA
3:19.09	LINDA MACPHERSON	CAN
3:24.85	FLO MASSON	CAN
3:27.80	JACQUELINE ODLUM	CAN
3:29.25	JAYNE LAMBKE	USA
3:31.71	M. SMITH	AUS
3:34.63	INGRID STINE	USA
3:36.22	DONNA PHELAN	USA
3:38.73	SYLVIA GLENN	USA

400 M. I.M.

6:50.58	JANET ROYER	USA
6:59.61	LINDA MACPHERSON	CAN
7:08.75	JACQUELINE ODLUM	CAN
7:35.84	FLO MASSON	CAN
7:47.58	HELEN GEOFFRION	USA
7:48.50	A. KINNAIRD	AUS
7:57.97	C. NEWEY	AUS
8:12.07	SARA SNOEK	USA
8:19.20	B. CLARK	AUS
8:27.00	M. WILSON	AUS

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WOMEN 50-54

****

50 M. FREE

34.10	A MCKAY	NZL
34.28	RONNIE KAMPHAUSEN	USA
35.57	KAY EASUN	CAN
35.91	M. DE VRIES	AUS
36.01	ANN CHRISTENSEN	USA
36.04	MAE GRAY	CAN
36.53	B. WILSON	AUS
37.00	LOREEN MCKELLAR	CAN
37.13	KAY BROCKWELL	USA
37.34	H. EVANS	AUS

100 M. FREE

1:18.54	A MCKAY	NZL
1:20.82	JANET LAMOTT	USA
1:21.45	KAY EASUN	CAN
1:22.01	ANN CHRISTENSEN	USA
1:25.15	D. ROSS	AUS
1:25.30	LOREEN MCKELLAR	CAN
1:26.19	KAY BROCKWELL	USA
1:26.46	R. MARTING	ITA
1:27.29	CAROLYN LEWIS	CAN
1:27.64	P. DUNN	AUS

200 M. FREE

2:52.57	JANET LAMOTT	USA
2:55.56	H. EVANS	AUS
2:59.80	CAROLYN LEWIS	CAN
3:00.84	ANN CHRISTENSEN	USA
3:01.30	KAY EASUN	CAN
3:01.94	A MCKAY	NZL
3:09.63	ADRIENNE PIPES	USA
3:13.52	PHILLIS WILSON	USA
3:27.18	FRANCES MCINTOSH	CAN
3:28.90	MARY THOMAS	CAN

400 M. FREE

5:51.08	JANET LAMOTT	USA
5:57.95	RONNIE KAMPHAUSEN	USA
6:07.29	CAROLYN LEWIS	CAN
6:19.82	ANN CHRISTENSEN	USA
6:32.18	ADRIENNE PIPES	USA
6:36.03	KAY EASUN	CAN
6:39.07	A MCKAY	NZL
6:52.95	PHILLIS WILSON	USA
6:56.52	F. CONNOLLY	GRB
7:09.45	FRANCES MCINTOSH	CAN

800 M. FREE

12:44.80	CAROLYN LEWIS	CAN
13:29.20	KAY EASUN	CAN
13:57.09	A MCKAY	NZL
14:03.98	KARLETTE VOURLIS	USA
14:45.48	MARY THOMAS	CAN
14:51.90	FRANCES MCINTOSH	CAN
15:14.46	DIANA ROUFOSSE	CAN
15:15.15	B. HART	AUS
15:36.70	DOREEN EWERT	CAN
15:39.88	V. GREEN	AUS

1500 M. FREE

23:20.89	JANET LAMOTT	USA
24:26.12	CAROLYN LEWIS	CAN
25:53.48	B. WILSON	AUS
26:12.90	KAY EASUN	CAN
27:52.10	FRANCES MCINTOSH	CAN
28:07.10	MARY THOMAS	CAN
28:34.45	DIANA ROUFOSSE	CAN
30:05.70	V. GREEN	AUS
31:52.73	MARILYN SISCO	USA
33:00.08	PEGGY EBBING	USA

50 M. BACK

40.20	MAE GRAY	CAN
40.85	M. DE VRIES	AUS
41.39	JOAN CAMPBELL	CAN
42.00	M. MCQUADE	AUS
42.41	RONNIE KAMPHAUSEN	USA
42.83	CAROLYN LEWIS	CAN
43.15	ANN CHAMP	USA
43.84	L. DENNINGTON	AUS
44.50	SUZANNE ROBBINS	USA
45.70	P. DUNN	AUS

100 M. BACK

1:29.00	MAE GRAY	CAN
1:31.85	JOAN CAMPBELL	CAN
1:34.28	RONNIE KAMPHAUSEN	USA
1:34.63	ANN CHAMP	USA
1:38.92	SUZANNE ROBBINS	USA
1:39.52	JANET LAMOTT	USA
1:39.90	LOREEN MCKELLAR	CAN
1:47.96	IRENE HARRIS	CAN
1:51.34	BETTY HANSON	USA
1:51.70	BETTY PITTS	USA

200 M. BACK

3:14.00	MAE GRAY	CAN
3:16.38	JOAN CAMPBELL	CAN
3:24.37	RONNIE KAMPHAUSER	USA
3:37.02	SUZANNE ROBBINS	USA
3:37.83	JANET LAMOTT	USA
3:48.10	M. ALEXANDER	AUS
3:49.33	IRENE HARRIS	CAN
3:51.93	FRANCES MCINTOSH	CAN
3:55.51	L. DENNINGTON	AUS
3:59.59	BETTY HANSON	USA

50 M. BRST

45.98	MAE GRAY	CAN
46.20	ANN CHAMP	USA
47.00	JUDIE OLIVER	CAN
47.66	ADRIENNE PIPES	USA
47.94	A STANLEY	NZL
48.05	M. DE VRIES	AUS
48.10	KAY BROCKWELL	USA
48.30	MARILYN HAWKINS	CAN
48.53	RONNIE KAMPHAUSEN	USA
48.80	DOREEN KING	CAN

100 M. BRST

1:41.85	MAE GRAY	CAN
1:42.11	JUDIE OLIVER	CAN
1:42.70	IRENE HARRIS	CAN
1:44.28	DOREEN KING	CAN
1:45.22	ANN CHAMP	USA
1:45.40	M. DE VRIES	AUS
1:47.47	A STANLEY	NZL
1:47.75	SUE LONG	CAN
1:48.95	BETTY HANSON	USA
1:49.66	B. HART	AUS

200 M. BRST

3:43.65	IRENE HARRIS	CAN
3:44.71	MAE GRAY	CAN
3:49.24	BETTY HANSON	USA
3:52.49	DOREEN KING	CAN
3:53.18	MARILYN HAWKINS	CAN
3:55.40	SUE LONG	CAN
3:55.60	MARGOT SAXER	USA
3:57.68	INGE JAEGER	CAN
4:08.37	MARIANNE BROGAN	USA
4:13.11	B. HART	AUS

50 M. FLY

39.30	JUDIE OLIVER	CAN
40.28	RONNIE KAMPHAUSEN	USA
42.30	ANN CHRISTENSEN	USA
42.70	JOAN CAMPBELL	CAN
44.19	ADRIENNE PIPES	USA
44.78	M. MCQUADE	AUS
45.20	PHYLLIS WILSON	USA
45.20	CAROLYN LEWIS	CAN
46.90	MAE GRAY	CAN
47.40	KAY EASUN	CAN

100 M. FLY

1:33.30	JUDIE OLIVER	CAN
1:40.06	ANN CHRISTENSEN	USA
1:43.12	RONNIE KAMPHAUSEN	USA
1:45.15	PHYLLIS WILSON	USA
1:50.50	N PRENTICE	NZL
1:58.02	V. GREEN	AUS
3:41.19	ESTER LYMAN	USA

200 M. FLY

3:39.58	JUDIE OLIVER	CAN
3:59.00	N PRENTICE	NZL
4:23.15	V. GREEN	AUS
4:46.92	MARIANNE BROGAN	USA
5:06.39	J. MACK	AUS

100 M. I.M.

1:32.08	JUDIE OLIVER	CAN
1:32.35	JOAN CAMPBELL	CAN
1:32.62	MAE GRAY	CAN
1:33.06	CAROLYN LEWIS	CAN
1:34.21	RONNIE KAMPHAUSEN	USA
1:36.64	M. MCQUADE	AUS
1:37.25	B. WILSON	AUS
1:40.19	ANN CHRISTENSEN	USA
1:40.79	P. DUNN	AUS
1:41.23	D. ROSS	AUS

200 M. I.M.

3:22.10	JOAN CAMPBELL	CAN
3:26.20	MAE GRAY	CAN
3:26.90	JUDIE OLIVER	CAN
3:34.72	R. MARTING	ITA
3:35.94	PHILLIS WILSON	USA
3:45.01	ADRIENNE PIPES	USA
4:04.88	MARIANNE BROGAN	USA
4:09.51	MARCIA ROWLAND	USA
4:21.59	CAROLYN BALDWIN	USA
5:05.38	VIRGINIA HANSEN	USA

400 M. I.M.

7:12.67	JANET LAMOTT	USA
7:22.68	JUDIE OLIVER	CAN
7:28.44	B. WILSON	AUS
8:02.79	N PRENTICE	NZL
8:10.44	IRENE HARRIS	CAN
8:35.40	DONNA MONROE	USA
8:49.00	V. GREEN	AUS
13:33.25	A. FERGUSON	AUS

****

WOMEN 55-59

****

50 M. FREE

35.73	GAIL ROPER	USA
35.95	MARGARET TIMMINS	USA
36.52	JACQUELINE DUNLOP	USA
36.94	ANNE ADAMS	USA
37.77	H. EVANS	AUS
37.80	JOAN PARNELL	CAN
38.16	J. SANSOM	AUS
39.60	T. BRYAN	AUS
39.63	CAROL FERGUSON	USA
40.48	JOAN MC INTYRE	USA

100 M. FREE

1:18.70	J. ASHER	GRB
1:22.01	H. EVANS	AUS
1:26.43	PAT DOTSON	USA
1:27.07	J. SANSOM	AUS
1:27.80	JOAN PARNELL	CAN
1:29.82	S. MALCOLM	AUS
1:31.53	CAROL FERGUSON	USA
1:33.11	BERNICE GREETHAM	USA
1:34.54	G. MCK-HICKS	AUS
1:36.74	PARKIE COPELAND	USA

200 M. FREE

2:52.73	GAIL ROPER	USA
3:01.34	ANNE ADAMS	USA
3:08.52	PAT DOTSON	USA
3:16.20	JOAN PARNELL	CAN
3:18.97	S. MALCOLM	AUS
3:22.78	MALCHIA OLSHAN	USA
3:23.68	JANET WOLVER	USA
3:27.30	CAROL FERGUSON	USA
3:27.73	BERNICE GREETHAM	USA
3:28.20	PARKIE COPELAND	USA

400 M. FREE

6:02.77	ANNE ADAMS	USA
6:17.50	J. ASHER	GRB
6:46.80	JOAN PARNELL	CAN
6:48.69	JOAN MC INTYRE	USA
7:02.61	HELGA PALMER	USA
7:08.00	S. MALCOLM	AUS
7:08.14	JANET WOLVER	USA
7:26.82	CAROL FERGUSON	USA
7:27.57	PARKIE COPELAND	USA
7:28.80	JULIA GULYAS	CAN

800 M. FREE

13:06.20	MARGARET TIMMINS	USA
13:06.62	ANNE ADAMS	USA
13:19.46	JUNE KRAUSER	USA
14:00.20	JOAN PARNELL	CAN
14:31.64	S. MALCOLM	AUS
14:32.79	JANET WOLVER	USA
14:56.30	JULIA GULYAS	CAN
15:07.35	CAROL FERGUSON	USA
16:01.38	D. DICKEY	AUS
16:06.80	KAY NUTTLEY	CAN

1500 M. FREE

30:33.60	THELMA ROACH	CAN
30:34.00	KAY NUTTLEY	CAN
31:50.40	MARJORIE OBEE	CAN
32:14.10	BARB LORENO	CAN
32:43.84	D. DICKEY	AUS
34:08.80	A. ATCHISON	CAN
36:29.94	DIANE COWAN	USA
38:18.47	ST.MODONNA BUDER	USA
38:41.21	P. ADAMS	AUS

50 M. BACK

41.76	JOAN PARNELL	CAN
45.19	BERNICE GREETHAM	USA
47.82	P LOGAN	NZL
47.99	JOAN MC INTYRE	USA
48.53	ANN PISCIOTTA	USA
48.93	THELMA ROACH	CAN
49.29	LIZZIE BERGSTEDT	SWE
49.96	B. PATERSON	AUS
50.38	KAY NUTTLEY	CAN
50.54	G. MCK-HICKS	AUS

100 M. BACK

1:37.13	ANNE ADAMS	USA
1:44.48	P LOGAN	NZL
1:44.61	BERNICE GREETHAM	USA
1:45.28	SYLVIA EISELE	CAN
1:50.68	MARY JANE MULLINS	USA
1:51.98	B. JONES	AUS
1:53.60	CLAIRE RUBIN	CAN
1:53.61	J. SANSOM	AUS

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

1:53.90 KAY NUTTLEY CAN
1:54.68 J. O'NEILL AUS
200 M. BACK
3:39.96 SYLVIA EISELE CAN
3:42.64 P LOGAN NZL
3:44.09 BERNICE GREETHAM USA
3:54.30 MARY JANE MULLINS USA
4:17.10 MADELEINE SIMARD CAN
4:29.35 R. CAMPBELL AUS
4:34.85 P. ADAMS AUS
4:37.00 N. ROSE AUS
4:37.30 BARBARA EBERLE USA
4:57.50 DIANE COWAN USA
50 M. BRST
45.84 JOAN PARNELL CAN
45.90 JULIA GULYAS CAN
46.47 ANN PISCIOTTA USA
47.46 JACQUELINE DUNLOP USA
47.46 CAROL TAYLOR USA
49.90 ILSE PEREA USA
50.30 THELMA ROACH CAN
50.33 LYLA GALVIN CAN
51.64 ELFRIEDE ROGERS USA
51.95 JANET WOLVER USA
100 M. BRST
1:39.56 ANN PISCIOTTA USA
1:42.20 JOAN PARNELL CAN
1:45.11 J. ASHER GRB
1:46.05 SYLVIA EISELE CAN
1:46.14 CAROL TAYLOR USA
1:47.58 ILSE PEREA USA
1:48.99 J. SANSOM AUS
1:50.63 ELFRIEDE ROGERS USA
1:52.66 LYLA GALVIN CAN
1:55.57 C. DEGROTT AUS
200 M. BRST
3:34.34 ANN PISCIOTTA USA
3:41.92 JOAN PARNELL CAN
3:47.05 SYLVIA EISELE CAN
3:50.94 JACQUELINE DUNLOP USA
3:52.64 ILSE PEREA USA
3:55.19 CAROL TAYLOR USA
3:57.87 ELFRIEDE ROGERS USA
4:00.65 THELMA ROACH CAN
4:03.91 C. DEGROTT AUS
4:05.93 LYLA GALVIN CAN
50 M. FLY
38.04 GAIL ROPER USA
39.95 J. ASHER GRB
41.79 PAT DOTSON USA
46.52 JULIA GULYAS CAN
48.20 THELMA ROACH CAN
48.90 JOAN PARNELL CAN
49.66 ELFRIEDE ROGERS USA
51.05 PARKIE COPELAND USA
51.23 ANGIE SINACORE USA
51.56 H. EVANS AUS
100 M. FLY
1:32.49 J. ASHER GRB
1:34.41 PAT DOTSON USA
1:37.60 JUNE KRAUSER USA
1:44.14 ANN PISCIOTTA USA
1:56.19 THELMA ROACH CAN
2:00.03 GAY COLLINS USA
2:02.57 MALCHIA OLSHAN USA
2:02.90 BARB LORENO CAN
2:13.14 N. DEHLEN AUS
2:30.87 HELENE CATY CAN
200 M. FLY
3:20.43 GAIL ROPER USA
3:29.84 JUNE KRAUSER USA
3:34.78 PAT DOTSON USA
3:46.20 ANN PISCIOTTA USA
4:06.93 ELFRIEDE ROGERS USA
4:47.40 THELMA ROACH CAN
5:12.80 HELENE CATY CAN
100 M. I.M.
1:28.47 GAIL ROPER USA
1:32.49 J. ASHER GRB
1:36.20 JOAN PARNELL CAN

1:39.23 JULIA GULYAS CAN
1:40.23 J. SANSOM AUS
1:42.92 ELFRIEDE ROGERS USA
1:42.96 BERNICE GREETHAM USA
1:44.14 B. JONES AUS
1:44.90 THELMA ROACH CAN
1:45.55 P LOGAN NZL
200 M. I.M.
3:18.87 GAIL ROPER USA
3:23.01 ANNE ADAMS USA
3:30.13 ANN PISCIOTTA USA
3:34.50 JOAN PARNELL CAN
3:35.20 JULIA GULYAS CAN
3:41.64 JACQUELINE DUNLOP USA
3:44.60 ELFRIEDE ROGERS USA
3:53.80 P LOGAN NZL
3:57.48 MALCHIA OLSHAN USA
3:58.18 B. JONES AUS
400 M. I.M.
7:15.53 JUNE KRAUSER USA
7:23.40 ANNE ADAMS USA
7:55.03 ELFRIEDE ROGERS USA
8:06.15 P LOGAN NZL
8:32.62 THELMA ROACH CAN
9:12.23 BARB LORENO CAN
9:18.18 HELENE CATY CAN
10:31.02 E. RAPKAY AUS

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WOMEN 60-64
****

50 M. FREE
35.47 M. CUNNINGHAM AUS
35.49 DOROTHY DONNELLY USA
36.02 O JOHNSON NZL
37.48 IRENE VAN FLEET CAN
39.20 BERNIE WARHURST CAN
39.98 RUTH BILLARD USA
40.62 BILLIE-ANN BURRIL USA
40.66 NANCY PHILLIPS USA
40.70 JEAN SCHNORBUS USA
42.13 LISE JAMNICKY CAN
100 M. FREE
1:21.59 DOROTHY DONNELLY USA
1:22.89 M. CUNNINGHAM AUS
1:29.67 IRENE VAN FLEET CAN
1:34.83 N. ROWE AUS
1:37.46 B. GRACE AUS
1:37.86 B. ROSE AUS
1:38.25 DIANA SILVA USA
1:38.38 LISE JAMNICKY CAN
1:41.30 VIRGINIA TATE CAN
1:43.82 BETTY CONDON GRB
200 M. FREE
3:12.32 JUNE KRAUSER USA
3:18.18 O JOHNSON NZL
3:20.66 IRENE VAN FLEET CAN
3:21.81 DOROTHY DONNELLY USA
3:26.87 GRACE ALTUS USA
3:31.25 N. ROWE AUS
3:43.90 DINI OPITZ CAN
3:47.40 CECILE GOSSELIN CAN
3:47.44 DORIS PETERS USA
3:53.13 VIRGINIA TATE CAN
400 M. FREE
6:54.11 M. CUNNINGHAM AUS
6:55.00 RUTH BILLARD USA
7:14.40 IRENE VAN FLEET CAN
7:42.20 DINI OPITZ CAN
7:43.89 S. HASSELBACHER USA
7:46.47 BILLIE-ANN BURRIL USA
7:47.22 DIANA SILVA USA
7:54.90 CECILE GOSSELIN CAN
8:00.69 MAURINE KORNFELD USA
8:06.32 D. COLBERT AUS
800 M. FREE
13:14.48 JUNE KRAUSER USA
13:59.21 J MONAHAN NZL
14:45.65 M. CUNNINGHAM AUS
15:05.28 B. GRACE AUS

15:32.66 N. ROWE AUS
15:46.92 JENNIE HAROLD USA
16:10.50 DINI OPITZ CAN
16:39.17 MAURINE KORNFELD USA
17:05.40 EVA BUGEJA CAN
17:07.08 D. COLBERT AUS
1500 M. FREE
28:34.89 M. CUNNINGHAM AUS
30:19.53 DORIS PETERS USA
30:56.00 DINI OPITZ CAN
34:19.00 JOSEPHINE PERRY CAN
35:21.46 C. CUNNINGHAM USA
40:40.33 RUTH WILLIAMS USA
46:39.16 S. BYRON AUS
47:18.41 FRANCES GRAY USA
50 M. BACK
41.85 DORIS STEADMAN USA
46.04 RUTH BILLARD USA
47.03 BETTY CONDON GRB
47.60 M. CUNNINGHAM AUS
48.22 IRENE APINEE CAN
48.78 B. CALLAGHAN AUS
49.16 DOT DONNELLY USA
49.56 JEAN SCHNORBUS USA
49.60 NANCY PHILLIPS USA
50.20 ALICIA COLEMAN USA
100 M. BACK
1:33.80 DORIS STEADMAN USA
1:45.21 M. CUNNINGHAM AUS
1:47.40 IRENE APINEE CAN
1:48.01 O JOHNSON NZL
1:49.90 BETTY CONDON GRB
1:54.44 E. RAPKAY AUS
1:59.90 VIRGINIA TATE CAN
2:07.40 JAE HOWELL USA
2:08.70 EVA BUGEJA CAN
2:09.14 JUNE REYNOLDS USA
200 M. BACK
3:27.69 RUTH BILLARD USA
3:49.73 JUNE KRAUSER USA
3:54.20 IRENE APINEE CAN
4:15.71 N. ROWE AUS
4:23.22 MARIAH CLARKE USA
4:29.10 VIRGINIA TATE CAN
4:44.60 E. RAPKAY AUS
4:46.46 EVA BUGEJA CAN
4:51.50 JOSEPHINE PERRY CAN
4:55.10 N. RUDOLPH AUS
50 M. BRST
47.66 ALICIA COLEMAN USA
48.19 M. CUNNINGHAM AUS
49.46 B. CALLAGHAN AUS
51.39 REGAN KENNER USA
52.40 JAE HOWELL USA
52.50 J MONAHAN NZL
54.17 DOROTHY DONNELLY USA
55.27 LISE JAMNICKY CAN
57.20 MAY BELL CAN
58.60 IRENE APINEE CAN
100 M. BRST
1:50.68 REGAN KENNER USA
1:51.16 M. CUNNINGHAM AUS
1:52.99 JUNE KRAUSER USA
1:55.45 J MONAHAN NZL
1:57.32 JAE HOWELL USA
2:03.19 DOROTHY DONNELLY USA
2:03.81 DORIS PETERS USA
2:06.79 CECILE GOSSELIN CAN
2:07.50 IRENE APINEE CAN
2:14.30 MAY BELL CAN
200 M. BRST
3:55.83 JUNE KRAUSER USA
3:57.32 REGAN KENNER USA
4:13.59 JAE HOWELL USA
4:13.87 M. CUNNINGHAM AUS
4:24.67 CECILE GOSSELIN CAN
4:29.40 DORIS PETERS USA
4:44.06 H. MORRIS AUS
4:53.35 E. RAPKAY AUS
5:19.68 JOSEPHINE PERRY CAN

5:29.90 H. AGOSTINI AUS
50 M. FLY
44.31 JUNE KRAUSER USA
46.15 M. CUNNINGHAM AUS
50.77 RUTH BILLARD USA
52.95 DOT DONNELLY USA
53.58 B. GRACE AUS
53.85 O JOHNSON NZL
54.92 DORIS PETERS USA
56.67 JAE HOWELL USA
57.06 BETTY CONDON GRB
58.20 VIRGINIA TATE CAN
100 M. FLY
1:41.16 JUNE KRAUSER USA
2:06.19 B. GRACE AUS
2:14.64 GRACE ALTUS USA
2:15.01 JAE HOWELL USA
2:15.74 J MONAHAN NZL
2:33.82 MARIAH CLARKE USA
2:57.74 ELLEN BOWEN USA
4:02.12 ELFIE STEVENIN USA
4:09.00 N. AYRES AUS
200 M. FLY
3:44.20 JUNE KRAUSER USA
4:35.69 M.CHIPPERFIELD AUS
5:05.92 J MONAHAN NZL
6:39.02 ELLEN BOWEN USA
8:22.07 ELFIE STEVENIN USA
100 M. I.M.
1:37.62 DOROTHY DONNELLY USA
1:37.76 M. CUNNINGHAM AUS
1:49.78 ALICIA COLEMAN USA
1:50.01 NANCY PHILLIPS USA
1:51.66 RUTH BILLARD USA
1:52.16 O JOHNSON NZL
1:54.30 DIANA SILVA USA
1:54.78 JAE HOWELL USA
1:57.82 B. CALLAGHAN AUS
1:58.67 BETTY CONDON GRB
200 M. I.M.
3:34.11 JUNE KRAUSER USA
4:09.45 DIANA SILVA USA
4:13.77 GRACE ALTUS USA
4:48.16 MARIAH CLARKE USA
5:05.05 MAISIE SCIBORSKI USA
5:27.91 N. AYRES AUS
5:31.48 ELLEN BOWEN USA
7:03.29 ELFIE STEVENIN USA
400 M. I.M.
7:19.60 JUNE KRAUSER USA
8:36.82 M.CHIPPERFIELD AUS
9:40.65 CECILE GOSSELIN CAN
10:01.64 MARIAH CLARKE USA
11:33.39 ELLEN BOWEN USA
12:37.08 N. AYRES AUS
13:36.20 S. BYRON AUS

****
WOMEN 65-69
****

50 M. FREE
37.47 CATHERINE KERR CAN
40.21 NANCY PHILLIPS USA
41.38 BETTY CONDON GRB
42.31 WILLY VAN RYSEL GRB
43.51 AUDREY ETIENNE USA
43.62 BETTY BRERETON USA
44.16 M. DUTTON AUS
44.22 JANE MCCOLLISTER USA
46.18 S. MOILER AUS
46.57 NORMA HOFFRICHTER USA
100 M. FREE
1:30.68 P. DOWN AUS
1:32.81 NANCY PHILLIPS USA
1:37.30 JANE MCCOLLISTER USA
1:40.86 MARY LEE WATSON USA
1:43.97 WILLY VAN RYSEL GRB
1:44.20 BETTY CONDON GRB
1:46.17 BETTY BRERETON USA
1:46.39 Y. FRISCHERTZ USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

1:46.40 NORMA HOFFRICHTER USA
1:47.26 B. STERN AUS
200 M. FREE
3:25.43 B. ANDERSON AUS
3:26.15 NANCY PHILLIPS USA
3:26.60 CATHERINE KERR CAN
3:32.15 MARY LEE WATSON USA
3:33.72 RITA SIMONTON USA
3:33.91 JANE MCCOLLISTER USA
3:47.59 AUDREY ETIENNE USA
3:54.69 MARIETTE MARCOUX CAN
3:55.83 WILLY VAN RYSEL GRB
3:57.92 BETTY BRERETON USA
400 M. FREE
7:11.23 CATHERINE KERR CAN
7:21.77 JANE MCCOLLISTER USA
7:22.61 MIMI LEE USA
7:59.28 WILLY VAN RYSEL GRB
8:07.75 GERTRUD ZINT USA
8:24.32 E. WATSON AUS
8:27.05 Y. FRISCHERTZ USA
8:28.21 BETTY KENDALL USA
8:40.00 LILLIAN WARREN CAN
8:40.13 B. STERN AUS
800 M. FREE
14:41.03 CATHERINE KERR CAN
15:06.81 JANE MCCOLLISTER USA
16:52.83 ZADA TAFT USA
17:32.43 GERTRUD ZINT USA
17:37.45 N NEVIN NZL
18:00.13 N. CAREW AUS
18:32.29 MARY BOSTER USA
18:32.48 E. PRICE AUS
19:01.00 RACHEL ERWIN USA
19:18.89 G. FIGARI ITA
1500 M. FREE
27:49.10 CATHERINE KERR CAN
28:31.98 JANE MCCOLLISTER USA
29:26.31 NANCY PHILLIPS USA
31:25.93 WILLY VAN RYSEL GRB
31:48.00 B. ANDERSON AUS
33:42.54 B. STERN AUS
34:55.14 MARY BOSTER USA
35:26.40 RACHEL ERWIN USA
37:12.00 M. GARTON AUS
39:13.00 GERDA VOSS CAN
50 M. BACK
45.08 WILLY VAN RYSEL GRB
46.57 BETTY CONDON GRB
48.35 NANCY PHILLIPS USA
48.70 CATHERINE KERR CAN
50.46 M. DUTTON AUS
51.06 GERTRUD ZINT USA
53.14 MARY LEE WATSON USA
54.10 NORMA HOFFRICHTER USA
54.17 N. LEWIS AUS
55.56 JEAN SMITH CAN
100 M. BACK
1:44.02 WILLY VAN RYSEL GRB
1:47.84 NANCY PHILLIPS USA
1:51.20 BETTY CONDON GRB
1:51.88 B. STERN AUS
1:53.95 GERTRUD ZINT USA
1:54.92 Y. FRISCHERTZ USA
1:58.80 NORMA HOFFRICHTER USA
1:59.34 MARY LEE WATSON USA
2:00.38 ZADA TAFT USA
2:08.39 P. DANNA USA
200 M. BACK
3:47.03 NANCY PHILLIPS USA
4:01.42 B. STERN AUS
4:09.66 GERTRUD ZINT USA
4:12.04 ZADA TAFT USA
4:31.26 MARGART STEINBISS USA
4:50.44 A. EIFLER AUS
4:57.81 EFFIE WOOD USA
5:13.89 MARY BOSTER USA
5:17.12 ANNELIESE ZOELLER USA
5:25.35 P. HALL AUS
50 M. BRST
50.48 GERTRUD ZINT USA
52.65 M. DUTTON AUS
52.75 MIMI LEE USA
55.23 MARIETTE MARCOUX CAN
57.18 SALLY JOY USA
58.30 NORMA HOFFRICHTER USA
58.34 RITA SIMONTON USA
58.86 A. EIFLER AUS
59.40 E. WATSON AUS
1:00.00 B. STERN AUS
100 M. BRST
1:53.42 GERTRUD ZINT USA
2:01.54 M. ELLIS GRB
2:02.00 BETH CAMERON CAN
2:02.32 MARIETTE MARCOUX CAN
2:12.04 P. RAE AUS
2:12.58 A. EIFLER AUS
2:12.78 B. STERN AUS
2:12.86 E. PRICE AUS
2:15.27 SALLY JOY USA
2:15.47 ANNELIESE ZOELLER USA
200 M. BRST
4:07.92 GERTRUD ZINT USA
4:20.67 MIMI LEE USA
4:31.36 MARIETTE MARCOUX CAN
4:41.21 E. PRICE AUS
4:42.32 A. EIFLER AUS
4:48.74 B. STERN AUS
4:53.15 ANNELIESE ZOELLER USA
5:08.69 M. GARTON AUS
5:08.77 LIBBY POOLE USA
5:09.60 GERDA VOSS CAN
50 M. FLY
46.01 CATHERINE KERR CAN
51.39 NANCY PHILLIPS USA
52.84 GERTRUD ZINT USA
54.04 ZADA TAFT USA
54.80 WILLY VAN RYSEL GRB
55.71 BETTY CONDON GRB
55.81 MIMI LEE USA
58.39 E. PRICE AUS
1:00.16 SALLY JOY USA
1:02.10 AUDREY ETIENNE USA
100 M. FLY
1:51.15 CATHERINE KERR CAN
2:02.40 ZADA TAFT USA
2:06.53 GERTRUD ZINT USA
2:18.33 LIBBY POOLE USA
2:18.81 E. PRICE AUS
2:38.61 ROSE KARIKER USA
2:45.85 B. STERN AUS
4:13.41 P. HALL AUS
200 M. FLY
4:12.23 GERTRUD ZINT USA
4:46.09 ZADA TAFT USA
4:50.50 E. PRICE AUS
9:43.10 P. HALL AUS
100 M. I.M.
1:47.71 M. DUTTON AUS
1:48.92 NANCY PHILLIPS USA
1:49.90 CATHERINE KERR CAN
1:52.16 GERTRUD ZINT USA
1:54.30 B. ANDERSON AUS
1:54.72 MIMI LEE USA
1:57.37 BETTY CONDON GRB
1:57.75 B. STERN AUS
1:57.95 WILLY VAN RYSEL GRB
1:59.09 ZADA TAFT USA
200 M. I.M.
4:06.32 RITA SIMONTON USA
4:12.23 GERTRUD ZINT USA
4:19.30 ZADA TAFT USA
4:25.01 Y. FRISCHERTZ USA
4:39.09 B. STERN AUS
4:41.11 WILLY VAN RYSEL GRB
4:57.62 LIBBY POOLE USA
5:15.97 ROSE KARIKER USA
5:23.55 RACHEL ERWIN USA
6:49.87 MAUREEN SCHMAHL USA
400 M. I.M.
9:08.27 ZADA TAFT USA
9:28.64 E. PRICE AUS

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WOMEN 70-74
****

50 M. FREE
42.40 WILLIE VAN RYSEL GRB
44.60 MAXINE MERLINO USA
46.60 B. BARRIE AUS
51.95 MARY LATHRAM USA
52.44 MILDRED VALLAS USA
57.69 RUTH LECHNER USA
58.09 HELEN OFFENHAUSER USA
59.70 GENEVA KAHRS USA
1:01.84 P. HALL AUS
1:06.87 REA MOE MANN USA
100 M. FREE
1:40.53 WILLIE VAN RYSEL GRB
1:45.06 L. JOHNSON AUS
1:48.20 G. SCHOFIELD AUS
2:00.54 IVY BROWNE USA
2:01.76 MARY LATHRAM USA
2:07.00 MILDRED VALLAS USA
2:12.28 GENEVA KAHRS USA
2:12.93 HILDA BUEL USA
2:19.75 RUTH LECHNER USA
2:29.38 REA MOE MANN USA
200 M. FREE
3:52.21 WILLIE VAN RYSEL GRB
4:12.26 JEAN DURSTON USA
4:16.89 IVY BROWNE USA
4:26.78 MILDRED VALLAS USA
4:36.37 GENEVA KAHRS USA
4:39.20 MARY LATHRAM USA
4:48.93 PAT MATTHIESEN USA
4:56.42 RUTH LECHNER USA
4:58.93 HILDA BUEL USA
5:17.07 REA MOE MANN USA
400 M. FREE
8:06.88 MAXINE MERLINO USA
8:46.40 D. NICOL AUS
8:46.45 D. JONES AUS
9:21.12 GENEVA KAHRS USA
9:59.95 RUTH LECHNER USA
10:17.03 MILDRED VALLAS USA
11:52.80 NAOMI PEERS CAN
13:42.51 G. HACKETT AUS
14:59.31 T. BREEBAART AUS
800 M. FREE
16:45.40 MAXINE MERLINO USA
17:15.70 L. JOHNSON AUS
18:19.38 D. NICOL AUS
19:35.72 N. GAMENARA ITA
24:08.20 NAOMI PEERS CAN
31:44.51 T. BREEBAART AUS
1500 M. FREE
36:31.73 GENEVA KAHRS USA
62:23.40 T. BREEBAART AUS
50 M. BACK
44.79 WILLIE VAN RYSEL GRB
57.40 L. JOHNSON AUS
1:01.66 MARY LATHRAM USA
1:03.67 HELEN ROUMASSET USA
1:04.04 GENEVA KAHRS USA
1:07.34 HELEN OFFENHAUSER USA
1:08.23 B. BARRIE AUS
1:12.18 P. HALL AUS
1:20.44 INGE WEIL USA
100 M. BACK
1:44.30 WILLIE VAN RYSEL GRB
2:06.41 L. JOHNSON AUS
2:12.48 IVY BROWNE USA
2:17.34 PAT MATTHIESEN USA
2:18.00 MILDRED VALLAS USA
2:18.15 HELEN ROUMASSET USA
2:18.64 MARY LATHRAM USA
2:19.86 GENEVA KAHRS USA
2:54.17 G. SCHOFIELD AUS
3:07.28 REA MOE MANN USA
200 M. BACK
D. JONES AUS
4:51.78 MARY LATHRAM USA
4:56.00 GENEVA KAHRS USA
7:39.98 T. BREEBAART AUS
7:41.81 G. HACKETT AUS
50 M. BRST
56.91 WILLIE VAN RYSEL GRB
57.91 MAXINE MERLINO USA
58.16 B. BARRIE AUS
1:05.15 PAT MATTHIESEN USA
1:11.18 M. HEERINGA AUS
1:13.37 NAOMI PEERS CAN
1:15.22 INGE WEIL USA
1:34.65 DOROTHY RIORDAN USA
1:39.20 HELEN OFFENHAUSER USA
1:45.75 G. SCHOFIELD AUS
100 M. BRST
2:04.62 MAXINE MERLINO USA
2:19.61 PAT MATTHIESEN USA
2:21.24 W. VAN RYSEL GRB
2:26.67 HELEN ROUMASSET USA
2:29.68 HILDA BUEL USA
2:41.40 NAOMI PEERS CAN
2:49.06 INGE WEIL USA
3:26.09 DOROTHY RIORDAN USA
3:54.43 REA MOE MANN USA
6:01.27 M. CHRISTAKOFF AUS
200 M. BRST
4:35.75 MAXINE MERLINO USA
5:21.46 B. BARRIE AUS
5:43.35 HILDA BUEL USA
5:43.60 NAOMI PEERS CAN
6:22.60 M. HEERINGA AUS
50 M. FLY
54.72 WILLIE VAN RYSEL GRB
55.21 B. BARRIE AUS
57.73 F. VORRATH AUS
1:02.91 JEAN DURSTON USA
1:23.47 HELEN OFFENHAUSER USA
1:52.19 P. HALL AUS
100 M. FLY
2:13.12 MAXINE MERLINO USA
2:24.18 JEAN DURSTON USA
2:28.33 HELEN ROUMASSET USA
2:41.94 HILDA BUEL USA
200 M. FLY
4:36.96 MAXINE MERLINO USA
100 M. I.M.
1:55.49 WILLIE VAN RYSEL GRB
1:56.73 F. VORRATH AUS
1:57.56 MAXINE MERLINO USA
2:13.59 JEAN DURSTON USA
2:13.65 B. BARRIE AUS
2:16.18 HELEN ROUMASSET USA
2:19.09 PAT MATTHIESEN USA
2:25.82 HILDA BUEL USA
2:33.45 HELEN OFFENHAUSER USA
3:12.07 P. HALL AUS
200 M. I.M.
4:17.56 MAXINE MERLINO USA
4:45.66 JEAN DURSTON USA
4:45.96 B. BARRIE AUS
5:29.16 HILDA BUEL USA
7:11.35 DOROTHY RIORDAN USA

****
WOMEN 75-79
****

50 M. FREE
45.95 V. CHERRIMAN GRB
51.86 EDITH HENDRY USA
54.90 EDIE GOLDMAN USA
1:05.86 M. WILLIAMS AUS
1:08.33 G. HACKETT AUS
1:18.96 EVELYN SOMERS USA
1:20.89 M RAPER NZL
1:37.41 S. OKKER AUS
2:30.80 FLORENCE PICARD CAN
100 M. FREE

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

1:47.25 M. WRIGHT AUS
2:08.86 EDIE GOLDMAN USA
2:11.22 EDITH HENDRY USA
2:48.81 G. HACKETT AUS
4:32.33 JUNE GILLISPE USA
200 M. FREE
4:40.70 DOROTHY HOPKINS USA
400 M. FREE
8:56.32 EDITH HENDRY USA
9:51.17 DOROTHY HOPKINS USA
50 M. BACK
1:03.62 EDITH HENDRY USA
1:03.72 ELAS MATTILA USA
1:07.14 EDIE GOLDMAN USA
1:17.77 M. WILLIAMS AUS
1:19.41 M RAPER NZL
1:22.51 S. OKKER AUS
1:27.90 EVELYN SOMERS USA
1:34.36 G. HACKETT AUS
2:03.50 FLORENCE PICARD CAN
2:06.00 JUNE GILLISPE USA
100 M. BACK
2:34.71 DOROTHY HOPKINS USA
4:26.41 JUNE GILLISPE USA
200 M. BACK
4:44.66 ELAS MATTILA USA
5:20.41 DOROTHY HOPKINS USA
50 M. BRST
1:12.20 EDIE GOLDMAN USA
1:15.81 M. WILLIAMS AUS
1:35.25 S. OKKER AUS
1:44.10 EVELYN SOMERS USA
1:44.93 M RAPER NZL
2:15.44 G. HACKETT AUS
2:16.10 R. DAVOGLIO ITA
100 M. BRST
2:29.34 M. WRIGHT AUS
3:17.98 DOROTHY HOPKINS USA
50 M. FLY
1:23.48 DOROTHY HOPKINS USA
2:02.00 EVELYN SOMERS USA
100 M. FLY
3:01.34 DOROTHY HOPKINS USA
200 M. FLY
5:45.52 ELAS MATTILA USA
6:45.21 DOROTHY HOPKINS USA
100 M. I.M.
2:27.77 EDIE GOLDMAN USA
2:39.73 DOROTHY HOPKINS USA
3:20.11 EVELYN SOMERS USA
200 M. I.M.
5:47.26 DOROTHY HOPKINS USA
400 M. I.M.
11:53.24 DOROTHY HOPKINS USA

****
WOMEN 80-84
****
200 M. FREE
5:18.06 KATHERINE PELTON USA
50 M. BRST
1:20.10 KATHERINE PELTON USA
100 M. FLY
3:09.18 KATHERINE PELTON USA

****
WOMEN 85-89
****
50 M. FREE
1:16.66 ELLA PECKHAM USA
2:03.61 V. FERNANCE AUS
100 M. FREE
4:20.22 V. FERNANCE AUS
50 M. BACK
1:42.12 ELLA PECKHAM USA
2:14.20 V. FERNANCE AUS
100 M. BACK
3:47.15 ELLA PECKHAM USA
50 M. FLY
1:44.56 ELLA PECKHAM USA

****
WOMEN 90-94
****

****
WOMEN 95-99
****

****
WOMEN 100-104
****

****
M E N 25-29
****
50 M. FREE
24.58 GRAHAM WELBOURN CAN
24.70 PAUL ABRAHAM CAN
24.83 MIKE PRICE CAN
25.08 IAN LOUBHREY CAN
25.10 DIRK SMITH CAN
25.12 JAN EKMAN SWE
25.37 R. MACKAY AUS
25.45 GUY DAVIS USA
25.59 ANDY RITCHIE CAN
25.60 WILL MCKINTY CAN
25.60 MIKE FITZGERALD CAN
100 M. FREE
53.50 GRAHAM WELBOURN CAN
54.10 BOB PLACAK USA
54.63 MIKE FITZGERALD CAN
54.74 DIRK SMITH CAN
55.20 PAUL ABRAHAM CAN
55.20 MIKE PRICE CAN
55.60 IAN TORRANCE CAN
55.82 JAN EKMAN SWE
56.10 MIKE KOHLER USA
56.37 D. MARTIN AUS
200 M. FREE
1:58.50 MIKE FITZGERALD CAN
1:58.90 GRAHAM WELBOURN CAN
2:03.50 IAN TORRANCE CAN
2:03.60 DIRK SMITH CAN
2:07.35 KERRY O'BRIEN USA
2:07.50 P. DALMASO ITA
2:07.62 ROBERT NICHOLS USA
2:08.20 GEOFF CAMP CAN
2:08.60 GLEN CHRISTIANSEN SWE
2:09.06 ERNIE JAMES USA
400 M. FREE
4:15.70 GRAHAM WELBOURN CAN
4:19.87 IAN TORRANCE CAN
4:20.83 MIKE FITZGERALD CAN
4:24.09 ROBERT NICHOLS USA
4:34.19 GEOFF CAMP CAN
4:38.78 PETER GARRETT USA
4:39.10 CHRIS STONELAKE CAN
4:39.50 DON WELLS CAN
4:41.20 BILL WESTCOTT CAN
4:42.88 ERNIE JAMES USA
800 M. FREE
9:01.20 ROBERT NICHOLS USA
9:22.82 JOHN CASTANHA USA
9:37.76 GEOFF CAMP CAN
9:40.71 IAN TORRANCE CAN
9:54.43 JEROEN KOK USA
9:57.50 GEORGE DILWORTH CAN
10:00.50 GLEN CHRISTIANSEN SWE
10:07.12 BOYD CHAMPION USA
10:10.00 ALEX GRANT CAN
10:11.22 ADAM GASTON CAN
1500 M. FREE
17:11.55 ROBERT NICHOLS USA
17:48.24 JOHN CASTANHA USA
18:08.00 GEOFF CAMP CAN
18:08.70 IAN TORRANCE CAN
18:39.09 GLEN CHRISTIANSEN SWE
19:03.60 ALEX GRANT CAN
19:05.90 ADAM GASTON CAN
19:06.60 DON WELLS CAN
19:12.00 BILL WESTCOTT CAN
19:16.40 MARK MORGAN USA
50 M. BACK
29.32 STEVE BROWN CAN
29.59 BRIAN MCGUIRE USA
29.67 MARK MORRIS USA
29.90 P. DALMASO ITA
30.04 CHUCK GRACE CAN
30.28 T KING NZL
30.49 GEOFF CAMP CAN
30.73 BARRY EMERSON CAN
30.76 NEAL CARLEY CAN
31.00 NORMAND VACHON CAN
100 M. BACK
1:04.19 TOM SCHEIBELHUT CAN
1:04.22 STEVE BROWN CAN
1:05.10 CHUCK GRACE CAN
1:06.40 KEVIN TRIMBEE CAN
1:06.85 GEOFF CAMP CAN
1:06.98 PAT WHALEN USA
1:07.23 NEAL CARLEY CAN
1:07.61 MARK MORRIS USA
1:08.06 P. DALMASO ITA
1:09.34 BARRY EMERSON CAN
200 M. BACK
2:22.81 STEVE BROWN CAN
2:23.76 CHUCK GRACE CAN
2:26.16 GEOFF CAMP CAN
2:26.22 NEAL CARLEY CAN
2:28.20 ALEX GRANT CAN
2:29.32 A. PRAYER ITA
2:31.51 MARK MORRIS USA
2:32.40 DON WELLS CAN
2:33.71 BILL POWER USA
2:35.45 SCOTT RICHARDS USA
100 M. BRST
1:06.90 GLEN CHRISTIANSEN SWE
1:08.65 BENN DOYLE USA
1:09.15 ANDY RITCHIE CAN
1:09.26 ROB COUTTS CAN
1:11.46 WILL MCKINTY CAN
1:13.41 TOM SCHEIBELHUT CAN
1:13.60 IAN TORRANCE CAN
1:13.73 ALLEN LYDICK USA
1:13.74 M. SMEDLEY AUS
1:13.80 KEVIN TRIMBEE CAN
200 M. BRST
2:27.70 GLEN CHRISTIANSEN SWE
2:30.23 ROB COUTTS CAN
2:42.04 TOM SCHEIBELHUT CAN
2:43.19 PETER ALLEN USA
2:43.48 BRIAN CORBETT CAN
2:47.49 JOHN WATT CAN
2:47.86 PETE KILTY CAN
2:49.16 DON WELLS CAN
2:49.57 ERIC RIDGWAY USA
2:52.37 MATT MCDONALD USA
50 M. FLY
27.24 TOM LAWSON USA
27.28 WILL MCKINTY CAN
27.52 TYLER CANT CAN
27.78 BRIAN MCGUIRE USA
27.79 MIKE PRICE CAN
27.81 JAN EKMAN SWE
27.88 TOMMY BENCSIK SWE
28.00 GREG HEMSTREET CAN
28.09 DAVE BOLTON CAN
28.10 MIKE KOHLER USA
100 M. FLY
58.87 BOB PLACAK USA
1:00.76 KERRY O'BRIEN USA
1:01.28 TYLER CANT CAN
1:01.60 MIKE FITZGERALD CAN
1:02.00 DIRK SMITH CAN
1:02.10 ANDY RITCHIE CAN
1:02.30 ROB COUTTS CAN
1:03.00 ALEX GRANT CAN
1:03.36 BARRY EMERSON CAN
1:03.98 STEVE OLDALE CAN
200 M. FLY
2:14.26 BILL SPECHT USA
2:21.20 G. WRIGHT AUS
2:24.02 TOM LAWSON USA
2:26.05 CHRIS STONELAKE CAN
2:26.42 DIRK SMITH CAN
2:27.37 GEOFF CAMP CAN
2:29.30 JIM SANDOR CAN
2:31.10 DOUG BAWN CAN
2:36.90 DON WELLS CAN
2:38.39 ADAM GASTON CAN
100 M. I.M.
1:02.38 WILL MCKINTY CAN
1:02.66 ANDY RITCHIE CAN
1:03.00 ROB COUTTS CAN
1:03.74 TOM SCHEIBELHUT CAN
1:03.91 M. SMEDLEY AUS
1:04.21 MARK MORRIS USA
1:04.38 MIKE FITZGERALD CAN
1:04.40 GLEN CHRISTIANSEN SWE
1:04.42 BENN DOYLE USA
1:04.51 DIRK SMITH CAN
200 M. I.M.
2:16.90 IAN TORRANCE CAN
2:18.00 MIKE FITZGERALD CAN
2:19.00 GEOFF CAMP CAN
2:19.24 TOM SCHEIBELHUT CAN
2:19.28 TOM LAWSON USA
2:21.51 WILL MCKINTY CAN
2:24.30 CHUCK GRACE CAN
2:24.45 STEVE BROWN CAN
2:25.55 PAT WHALEN USA
2:26.26 GUY DAVIS USA
400 M. I.M.
5:03.70 IAN TORRANCE CAN
5:05.90 GEOFF CAMP CAN
5:06.27 TOM SCHEIBELHUT CAN
5:14.54 JAKE GULICK USA
5:19.18 DOUG BAWN CAN
5:19.91 BILL WESTCOTT CAN
5:21.00 DON WELLS CAN
5:23.00 MARK CANN CAN
5:24.75 CHRIS STONELAKE CAN
5:32.50 GEORGE DILWORTH CAN

****
M E N 30-34
****
50 M. FREE
24.39 FRED HUBBELL USA
24.50 GARY MACDONALD CAN
25.04 NICK WHELAN USA
25.24 BILL KNISELY USA
25.39 BOB CROWDER USA
25.41 WILLIE WACHOB USA
25.43 GLEN BELFRY CAN
25.50 KEN EKSTRAND CAN
25.81 MARK ABOUD CAN
25.90 D. ROSS CAN
100 M. FREE
54.04 D. DUNNE GRB
54.13 JAMES GRIFFITH USA
54.63 KEN EKSTRAND CAN
55.63 FRED HUBBELL USA
56.24 LARS BERNTSSON SWE
56.25 A. HUNTER AUS
56.42 S PRESCOTT NZL
56.80 GLEN BELFRY CAN
56.88 WILLIE WACHOB USA
56.90 MARK ABOUD CAN
200 M. FREE
2:00.90 KEN EKSTRAND CAN
2:03.44 LAWRENCE WOOD USA
2:06.28 G. GOODWIN AUS
2:09.03 BRENDAN HAYES USA
2:09.47 ROB COPELAND USA
2:10.60 JOHN HENSON USA
2:11.11 PHIL MAYER SUI
2:12.30 B. THERIAULT CAN
2:12.43 MARK ABOUD CAN

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

2:12.60 MIKE STAMHUIS CAN
400 M. FREE
4:15.12 D. DUNNE GRB
4:19.05 KEN EKSTRAND CAN
4:29.44 ROB COPELAND USA
4:33.53 LAWRENCE WOOD USA
4:34.20 FRED FERROGGIARO USA
4:35.17 BOB CROWDER USA
4:42.55 MICHAEL BROWN CAN
4:42.61 P. CLEWS AUS
4:45.20 CHRIS ZAJCHOWSKI CAN
4:46.67 TOM NOSAL USA
800 M. FREE
9:26.90 MIKE MC CAFFREY USA
9:40.22 A. HUNTER AUS
9:43.98 FRED FERROGGIARO USA
9:50.14 BRENDAN HAYES USA
9:51.24 P. CLEWS AUS
10:20.89 P. FORBES AUS
10:21.52 TOM WALKER CAN
10:24.80 PHIL MAYER SUI
10:27.30 GLEN DIENER CAN
10:29.96 BILL FENNER USA
1500 M. FREE
17:46.86 MIKE MC CAFFREY USA
17:48.91 ROB COPELAND USA
18:07.34 FRED FERROGGIARO USA
19:25.27 TOM WALKER CAN
19:29.94 MICHAEL DARLING USA
19:45.10 GLEN DIENER CAN
19:46.71 PHIL MAYER SUI
19:56.00 CHRIS ZAJCHOWSKI CAN
20:02.80 JIM BALLANTYNE CAN
20:07.40 PAUL HARDY CAN
50 M. BACK
30.02 C HUDGELL NZL
30.99 STEPHEN MANN USA
31.15 HERB STEVENS USA
31.21 KEN EKSTRAND CAN
31.22 B. PORTIER AUS
31.30 JOHN STARRATT CAN
31.71 BENGT HOLMBERG SWE
32.14 KEN BAILEY CAN
32.20 DON BERRY CAN
32.28 J. WILLIAMS AUS
100 M. BACK
1:04.61 JOHN CALDWELL USA
1:04.80 KEN EKSTRAND CAN
1:05.01 A. GENTLEMAN GRB
1:05.74 C HUDGELL NZL
1:07.74 FRED FERROGGIARO USA
1:08.53 TOM YOUNGER USA
1:09.11 HERB STEVENS USA
1:09.74 DON BERRY CAN
1:10.00 JOHN STARRATT CAN
1:10.60 PAUL NAISBY CAN
200 M. BACK
2:21.70 KEN EKSTRAND CAN
2:25.70 FRED FERROGGIARO USA
2:32.80 DON BERRY CAN
2:35.17 MICHAEL STONE USA
2:36.48 MICHAEL DARLING USA
2:36.99 PAUL BERRY CAN
2:38.58 MIKE STAMHUIS CAN
2:40.10 MIKE STROUD CAN
2:40.30 ALEX MUIR CAN
2:40.59 HERB STEVENS USA
50 M. BRST
31.94 CHRIS NICOL CAN
32.18 BENGT HOLMBERG SWE
32.90 JAY MAGEE USA
33.29 PAUL BOULDING CAN
33.30 PAUL NAISBY CAN
33.81 JIM JOHNSON USA
34.06 PETER CRUISE CAN
34.09 G. HENRY AUS
34.20 PHIL MAYER SUI
34.36 LEO LETENDRE USA
100 M. BRST
1:09.88 CHRIS NICOL CAN

1:11.78 BENGT HOLMBERG SWE
1:12.39 JAY MAGEE USA
1:12.89 PHIL MAYER SUI
1:13.83 RICK ENRIGHT USA
1:14.14 P INGLIS NZL
1:14.50 LEO LETENDRE USA
1:15.10 PAUL NAISBY CAN
1:15.14 JIM JOHNSON USA
1:15.30 PETER CRUISE CAN
200 M. BRST
2:32.14 CHRIS NICOL CAN
2:37.80 PHIL MAYER SUI
2:42.64 RICK ENRIGHT USA
2:46.84 LEO LETENDRE USA
2:48.65 CHARLES LESSARD CAN
2:49.51 DAVID PARLER USA
2:49.93 MICHAEL WITTMANN CAN
2:50.83 JIM WRIGHT CAN
2:54.96 K. SHEEHAN AUS
2:55.29 GILLES BEAUDIN CAN
50 M. FLY
27.10 FRED HUBBELL USA
27.10 GARY MACDONALD CAN
27.81 GLEN BELFRY CAN
28.00 C HERRING NZL
28.08 TOM YOUNGER USA
28.35 JAMES GREENLEY USA
28.47 BRADLEY WALKER CAN
28.60 CRAIG MAITLAND CAN
28.99 LARS BERNTSSON SWE
29.05 JIM SABOURIN CAN
100 M. FLY
1:00.38 FRED HUBBELL USA
1:01.83 C HUDGELL NZL
1:03.93 BRADLEY WALKER CAN
1:04.80 B. THERIAULT CAN
1:04.91 JAMES GREENLEY USA
1:06.37 G. GOODWIN AUS
1:06.48 ROB COPELAND USA
1:06.60 DON BERRY CAN
1:06.81 CRAIG MAITLAND CAN
1:06.85 CAM MCGINNIS CAN
200 M. FLY
2:25.07 LAWRENCE WOOD USA
2:26.26 BRADLEY WALKER CAN
2:27.42 ROB COPELAND USA
2:28.90 JOHN CULHANE USA
2:29.88 C HUDGELL NZL
2:30.03 B. THERIAULT CAN
2:35.23 MICHAEL BROWN CAN
2:37.18 BRIAN DALZIEL CAN
2:37.33 SCOTT BERK USA
2:40.01 JAN HUNEKE USA
100 M. I.M.
1:02.97 GARY MACDONALD CAN
1:03.41 FRED HUBBELL USA
1:05.00 BENGT HOLMBERG SWE
1:05.05 TOM YOUNGER USA
1:06.40 PAUL NAISBY CAN
1:06.75 C HUDGELL NZL
1:06.82 B. PORTIER AUS
1:06.84 GLEN BELFRY CAN
1:07.56 NICK WHELAN USA
1:08.10 H. KLOUZAL AUS
200 M. I.M.
2:19.95 JAMES GRIFFITH USA
2:22.00 GARY MATYKO USA
2:26.42 BENGT HOLMBERG SWE
2:30.01 PHIL MAYER SUI
2:30.19 CHRIS ZAJCHOWSKI CAN
2:30.60 DON BERRY CAN
2:31.90 GREG MACPHERSON CAN
2:33.15 CHARLES LESSARD CAN
2:33.68 TOM YOUNGER USA
2:33.70 MIKE STAMHUIS CAN
400 M. I.M.
5:11.97 LAWRENCE WOOD USA
5:17.94 RICK ENRIGHT USA
5:24.30 MICHAEL BROWN CAN
5:25.47 CHRIS ZAJCHOWSKI CAN

5:28.88 CHARLES LESSARD CAN
5:30.00 DON BERRY CAN
5:31.40 MIKE STAMHUIS CAN
5:31.70 PAUL BERRY CAN
5:40.40 JIM WRIGHT CAN
5:40.84 BILL FENNER USA
****
M E N 35-39
****
50 M. FREE
25.05 W. MILLS GRB
25.35 JACK SARTORE USA
26.00 RICHARD ZAJCHOWSK CAN
26.17 JIM BAEHREN USA
26.36 RON ARMSTRONG CAN
26.75 A. HARRIS AUS
26.80 JOHN MCRAE CAN
26.88 MIKE BARDEN USA
26.95 KENT HAMBERG SWE
27.22 JOHN PETERS CAN
100 M. FREE
55.15 W. MILLS GRB
57.83 RICHARD ZAJCHOWSK CAN
58.04 JIM BAEHREN USA
58.08 BILL BABCOCK USA
58.53 MIKE MORROW CAN
58.69 MIKE BARDEN USA
58.77 RON ARMSTRONG CAN
1:00.00 RALPH HUTTON CAN
1:00.30 R. PHEGAN AUS
1:00.32 G. CROFT AUS
200 M. FREE
2:08.09 PETER O'KEEFFE USA
2:10.40 MIKE MORROW CAN
2:11.83 RALPH HUTTON CAN
2:12.05 T. PASFIELD AUS
2:12.58 MIKE BARDEN USA
2:14.69 R. PHEGAN AUS
2:14.88 TIM MCCREIGHT USA
2:16.96 CHRIS HANNA CAN
2:17.33 DAVID CURRY USA
2:18.13 K. WILSON AUS
400 M. FREE
4:34.11 BILL BABCOCK USA
4:35.97 MIKE MORROW CAN
4:39.49 JOHN FLANAGAN USA
4:43.44 RALPH HUTTON CAN
4:44.27 KENT HAMBERG SWE
4:46.50 RICHARD ZAJCHOWSK CAN
4:48.77 R. PHEGAN AUS
4:54.00 MARVIN SCHWARTZ USA
4:54.36 WILLIAM TINGLEY USA
4:55.23 ART CARPENTER USA
800 M. FREE
9:50.14 CRAIG RIDENOUR USA
9:52.60 RALPH HUTTON CAN
9:56.88 TIM MCCREIGHT USA
10:17.66 R. PHEGAN AUS
10:22.22 P. JOY AUS
10:36.52 MIKE BARDEN USA
10:39.06 P. WILLIAMS AUS
10:39.28 A. JONES AUS
10:40.24 P. WYATT AUS
10:47.35 STEPHEN CHENEY USA
1500 M. FREE
19:15.84 MARVIN SCHWARTZ USA
20:00.19 ART CARPENTER USA
20:23.46 STEVEN BARRETT USA
20:28.21 P. WYATT AUS
20:32.32 STEPHEN CHENEY USA
21:04.54 GLEN LARSON USA
21:08.00 JOHN KER CAN
21:08.58 ED O'BRIEN USA
21:31.60 JIM LAWN CAN
21:32.20 CHARLIE PILSON CAN
50 M. BACK
30.42 WILLIAM TINGLEY USA
31.16 PETER O'BRIEN CAN
31.23 DICK THOMAS USA

31.51 RON ARMSTRONG CAN
31.62 STEPHEN MORGAN USA
32.66 S. BONDARENKO CAN
32.90 DON HAMBLY CAN
33.01 BJORN SVEDBERG SWE
33.03 JOHN MCRAE CAN
33.40 T. LEWIS AUS
100 M. BACK
1:04.17 PETER O'KEEFFE USA
1:05.18 J. ROGERS GRB
1:06.32 WILLIAM TINGLEY USA
1:08.56 PETER O'BRIEN CAN
1:10.04 DICK THOMAS USA
1:10.04 STEPHEN MORGAN USA
1:10.72 JERRY LUCAS USA
1:12.26 DON HAMBLY CAN
1:12.39 DAVID CURRY USA
1:13.31 S. BONDARENKO CAN
200 M. BACK
2:31.23 WILLIAM TINGLEY USA
2:31.23 PETER O'BRIEN CAN
2:31.79 RICHARD ZAJCHOWSK CAN
2:33.56 JOHN MCRAE CAN
2:34.18 K. FREI SUI
2:34.37 STEPHEN MORGAN USA
2:35.01 J. COVACEVICH AUS
2:40.85 DICK THOMAS USA
2:41.76 DON HAMBLY CAN
2:43.43 STEVEN HIGHLY USA
50 M. BRST
33.48 I JOHNSTON NZL
33.70 JIM STINE USA
33.82 ART MICHEL USA
33.91 KENT HAMBERG SWE
34.37 JOHN WEINBRECHT USA
34.38 T. FISHER AUS
34.73 DENNIS WHITE USA
34.75 DAVID ROTTHOFF USA
34.88 WAYNE SMITH USA
35.00 MIKE ROCKWOOD CAN
100 M. BRST
1:15.31 ART MICHEL USA
1:15.90 KENT HAMBERG SWE
1:16.84 JOHN WEINBRECHT USA
1:17.20 MIKE MORROW CAN
1:17.28 TOMAS CALLEUD SWE
1:17.39 HANS LJUNGBERG SWE
1:17.93 MIKE FEDORYSHYN USA
1:18.33 WAYNE SMITH USA
1:18.53 MIKE ROCKWOOD CAN
1:18.62 JEFF SORENSON USA
200 M. BRST
2:45.04 MIKE MORROW CAN
2:46.40 T. FISHER AUS
2:52.22 WAYNE SMITH USA
2:53.95 PIERRE HART CAN
2:55.38 JIM STINE USA
2:55.82 GEOFF SELIG CAN
2:57.54 DAVID STURCH CAN
2:59.00 GEORGE ROLBY USA
2:59.09 PAUL BROWN USA
2:59.39 DENNIS WILSON USA
50 M. FLY
29.27 JIM BAEHREN USA
29.33 RICHARD ZAJCHOWSK CAN
29.39 RON ARMSTRONG CAN
29.51 DICK THOMAS USA
29.52 JOHN MAGUIRE USA
29.63 JIM TANNER CAN
29.79 RALPH HUTTON CAN
29.81 ED RUDLOFF USA
29.90 KEN RANSOM CAN
30.20 BOB KOLAMKOWSKI USA
30.20 JOHN MCRAE CAN
100 M. FLY
1:04.44 JOHN FLANAGAN USA
1:05.00 RALPH HUTTON CAN
1:05.22 PETER O'KEEFFE USA
1:07.00 KEN RANSOM CAN
1:07.20 BOB KOLAMKOWSKI USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

1:07.68 DICK THOMAS USA
1:07.80 ED RUDLOFF USA
1:08.90 JIM TANNER CAN
1:09.19 JERRY LUCAS USA
1:09.94 JOHN MAGUIRE USA

200 M. FLY

2:23.49 JOHN FLANAGAN USA
2:37.03 KEN RANSOM CAN
2:50.06 JERRY BOPE USA
2:54.54 P. WYATT AUS
3:05.54 TOM BARTLETT CAN
3:14.00 CHRIS WILSON CAN
3:14.34 E. HANNINEN AUS
3:15.97 JAMES BAGWELL USA
3:23.00 A. KNIGHTS AUS
3:23.95 J. BOLTON AUS

100 M. I.M.

1:04.23 W. MILLS GRB
1:07.00 RON ARMSTRONG CAN
1:07.11 RICHARD ZAJCHOWSK CAN
1:08.45 JOHN MCRAE CAN
1:08.87 CLARK BAUGHER USA
1:08.97 JIM BAEHREN USA
1:09.03 DICK THOMAS USA
1:09.50 MIKE MORROW CAN
1:10.42 J. COVACEVICH AUS
1:11.00 RALPH HUTTON CAN

200 M. I.M.

2:25.40 MIKE MORROW CAN
2:25.67 PETER O'KEEFFE USA
2:31.12 RON ARMSTRONG CAN
2:32.11 CLARK BAUGHER USA
2:32.13 I JOHNSTON NZL
2:33.35 BILL BABCOCK USA
2:34.90 RALPH HUTTON CAN
2:35.58 PETER O'BRIEN CAN
2:36.00 KEN RANSOM CAN
2:36.03 P. WYATT AUS

400 M. I.M.

5:25.42 J. COVACEVICH AUS
5:38.70 KEN RANSOM CAN
5:39.80 P. WYATT AUS
5:51.98 ED O'BRIEN USA
5:52.20 GLENN STOREY USA
6:08.94 P. WILLIAMS AUS
6:10.21 JOHN KER CAN
6:15.44 T. FISHER AUS
6:19.81 TOM BARTLETT CAN
6:30.00 R. CORAM AUS

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M E N 40-44
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50 M. FREE

25.98 ROBERT SMITH USA
26.86 GARY LANGENDOEN USA
26.92 I. DODD AUS
27.09 PAUL HENNE USA
27.23 A. STRAHAN AUS
27.29 K. EDWARDS AUS
27.31 W. WEBSTER AUS
27.42 GARY GALLON CAN
27.49 JACK GEOGHEGAN USA
27.70 ABRAHAM MELAMED USA

100 M. FREE

58.41 TIM BIRNIE USA
59.24 JACK GEOGHEGAN USA
59.58 I. DODD AUS
1:01.07 GRAHAM REYNOLDS CAN
1:01.90 W. WEBSTER AUS
1:01.91 B. HARRIS AUS
1:03.11 DON GALINE USA
1:03.26 ALLAN CARTWRIGHT USA
1:03.57 GARY GALLON CAN
1:03.60 VICTOR GARAWAY CAN

200 M. FREE

2:11.64 TIM BIRNIE USA
2:14.76 JACK GEOGHEGAN USA
2:15.80 GRAHAM REYNOLDS CAN
2:17.41 B. HARRIS AUS
2:17.49 LEN MINTY CAN
2:17.50 A. D'OPPIDO ITA
2:20.47 ROBERT TUCKER USA
2:21.20 INGVAR ERICKSSON SWE
2:24.30 VICTOR GARAWAY CAN
2:24.39 JIM MYERBERG USA

400 M. FREE

4:46.20 JACK GEOGHEGAN USA
4:49.70 TIM BIRNIE USA
4:51.13 BEN VAN DYK USA
4:51.82 GRAHAM REYNOLDS CAN
4:59.19 LEO BRUNING USA
4:59.20 LEN MINTY CAN
5:01.94 ROBERT WILLIAMS USA
5:03.61 A. STRAHAN AUS
5:04.75 ROBERT TUCKER USA
5:07.75 DON SANDBERG USA

800 M. FREE

10:11.91 TIM BIRNIE USA
10:14.70 GRAHAM REYNOLDS CAN
10:25.01 A. STRAHAN AUS
10:41.13 DON SANDBERG USA
10:48.99 LEN MINTY CAN
10:53.88 P. WYATT AUS
11:00.91 W. WEBSTER AUS
11:06.52 D. ROBINS AUS
11:11.60 GEORGE SHRIVELL CAN
11:13.59 RON BURNS CAN

1500 M. FREE

19:26.00 GRAHAM REYNOLDS CAN
19:57.97 A. STRAHAN AUS
20:10.89 I BUTTERWORTH NZL
20:16.70 LEN MINTY CAN
20:19.70 ROBERT WILLIAMS USA
21:03.70 GEORGE SHRIVELL CAN
21:09.57 CHRIS JOHANSSON SWE
21:12.89 HARRY GROGAN USA
21:50.19 JOHN HARTIGAN USA
21:57.70 RON BURNS CAN

50 M. BACK

29.58 TIM BIRNIE USA
30.37 ROBERT SMITH USA
33.12 C. WILLIAMS AUS
33.25 G. JAMES AUS
33.52 JACK GEOGHEGAN USA
33.93 I. DODD AUS
34.31 P. WYATT AUS
34.80 LEWIS CASE CAN
35.10 ULF HAGGLUND SWE
35.23 DAVID DIEHL USA

100 M. BACK

1:07.69 TIM BIRNIE USA
1:15.58 I. DODD AUS
1:18.01 ULF HAGGLUND SWE
1:18.77 STEVE GOSSE CAN
1:19.95 BRIAN SHERIDAN CAN
1:20.79 RON BURNS CAN
1:20.89 LEN MINTY CAN
1:21.47 RONALD MOLNAR USA
1:22.81 DAVID DIEHL USA
1:23.50 D. STENHOUSE AUS

200 M. BACK

2:41.88 LEN MINTY CAN
2:50.38 C. KIRKLAND AUS
2:52.05 RON BURNS CAN
2:53.37 C. LOCK AUS
2:54.10 STEVE GOSSE CAN
2:55.87 BRYAN FINLAY CAN
2:57.56 BRIAN LANGLAIS USA
2:58.20 JOHN ZEIGLER USA
2:59.27 JIM MYERBERG USA
3:00.10 BRIAN SHERIDAN CAN

50 M. BRST

32.14 PAUL HENNE USA
34.41 SCOTT GUTHRIE USA
34.74 DAN WILSON CAN
34.81 KEITH SHAW CAN
35.26 EDWARD NESSEL USA
35.47 BRYAN FINLAY CAN
35.81 JAMES MANRING USA
36.16 P. WYATT AUS
36.34 RICK FIELD USA
36.50 ABRAHAM MELAMED USA

100 M. BRST

1:18.34 SCOTT GUTHRIE USA
1:18.40 B. ROB.-DUNN AUS
1:19.16 EDWARD NESSEL USA
1:19.20 BRYAN FINLAY CAN
1:20.20 KEITH SHAW CAN
1:20.31 JIM OLSON USA
1:22.20 RICK FIELD USA
1:22.64 GEORGE SHRIVELL CAN
1:22.83 ALLAN CARTWRIGHT USA
1:23.07 PETER MICHEL USA

200 M. BRST

2:50.85 BRYAN FINLAY CAN
2:54.26 P. WYATT AUS
2:56.64 JOHN ZEIGLER USA
2:59.98 GEORGE SHRIVELL CAN
3:00.97 PETER MICHEL USA
3:01.89 C HAHN NZL
3:01.90 LAWRENCE YAMAHIRD USA
3:09.10 G. WILLIAMS AUS
3:09.98 RICHARD DOERR USA
3:13.05 ROGER MASSY CAN

50 M. FLY

28.62 GARY LANGENDOEN USA
29.10 ABRAHAM MELAMED USA
29.40 INGVAR ERICKSSON SWE
29.55 ROBERT SMITH USA
29.91 SCOTT GUTHRIE USA
30.09 DAN WILSON CAN
30.32 GARY GALLON CAN
30.37 JACK GEOGHEGAN USA
30.70 NIGEL KEMP CAN
30.72 ERIC SNYDER USA

100 M. FLY

1:03.62 GARY LANGENDOEN USA
1:04.20 ABRAHAM MELAMED USA
1:09.09 ALLAN CARTWRIGHT USA
1:09.25 MIKE GARIBALDI USA
1:09.65 LEO BRUNING USA
1:12.77 SCOTT GUTHRIE USA
1:14.13 GARY GALLON CAN
1:14.92 DON GALINE USA
1:15.50 NIGEL KEMP CAN
1:15.70 BEN VAN DYK USA

200 M. FLY

2:27.60 ABRAHAM MELAMED USA
2:34.15 PHIL GOODE USA
2:37.17 JACK GEOGHEGAN USA
2:40.91 LEO BRUNING USA
2:51.89 CHRIS RIVERS USA
2:55.43 C HAHN NZL
2:58.43 FRED BOWLER CAN
2:58.94 DAN WILSON CAN
2:59.06 BRYAN FINLAY CAN
3:10.55 B. HYDE AUS

100 M. I.M.

1:08.25 TIM BIRNIE USA
1:10.76 P. WYATT AUS
1:11.02 ROBERT SMITH USA
1:11.69 SCOTT GUTHRIE USA
1:12.00 ABRAHAM MELAMED USA
1:13.27 JACK GEOGHEGAN USA
1:13.32 GARY GALLON CAN
1:13.60 DAN WILSON CAN
1:13.70 NIGEL KEMP CAN
1:14.18 JIM DRAGON USA

200 M. I.M.

2:32.84 ALLAN CARTWRIGHT USA
2:32.96 GARY LANGENDOEN USA
2:36.10 GRAHAM REYNOLDS CAN
2:36.67 A. D'OPPIDO ITA
2:38.22 LEN MINTY CAN
2:40.62 MIKE GARIBALDI USA
2:45.70 BRYAN FINLAY CAN
2:47.00 NIGEL KEMP CAN
2:47.82 ERIC SNYDER USA
2:48.37 GEORGE SHRIVELL CAN

400 M. I.M.

5:41.26 LEN MINTY CAN
5:47.00 GRAHAM REYNOLDS CAN
5:50.21 ROBERT WILLIAMS USA
5:59.80 BRYAN FINLAY CAN
6:00.24 JOHN ZEIGLER USA
6:12.70 GEORGE SHRIVELL CAN
6:16.00 A. STRAHAN AUS
6:16.49 BERNIE LUTTMER CAN
6:17.50 STEVE GOSSE CAN
6:20.19 FRED BOWLER CAN

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M E N 45-49
****

50 M. FREE

27.53 D. DICKSON AUS
27.72 G. KING AUS
28.08 J. OLSON AUS
28.21 HAKAN KINDBLOM SWE
28.29 P. NICOSIA ITA
28.48 TORE ANDERSSON SWE
28.81 HENRY SOUTHALL USA
28.82 M. MURPHY AUS
28.87 P. JACKSON AUS
29.12 WILLIAM NEWMAN USA

100 M. FREE

1:00.87 PETER BERGENGREN SWE
1:01.76 RICHARD BASSI USA
1:05.17 P. JACKSON AUS
1:05.37 MIKE CALWELL USA
1:06.19 G. STUTSEL AUS
1:06.32 GEORGE FISETTE USA
1:06.32 D. CAMINSCHI AUS
1:06.63 DALE CHOTE CAN
1:06.91 RUNO ROMELL SWE
1:06.97 BILL RYSIEW CAN

200 M. FREE

2:14.76 HENRY SOUTHALL USA
2:15.12 B YOUNG NZL
2:16.20 C. MILAND ITA
2:24.40 G. KING AUS
2:28.20 KARL DONOGHUE CAN
2:30.78 G. STUTSEL AUS
2:31.92 MIKE CALWELL USA
2:33.72 BILL RYSIEW CAN
2:33.75 D. CAMINSCHI AUS
2:34.50 JOSEF KLIGMAN CAN

400 M. FREE

4:53.24 M. WAKE GRB
4:54.24 C. MILAND ITA
5:00.58 HENRY SOUTHALL USA
5:11.56 MIKE CALWELL USA
5:20.67 A. GREGSON AUS
5:20.90 KARL DONOGHUE CAN
5:22.80 B. ANGSTENBERGER CAN
5:22.82 BEN WISCKOL USA
5:31.81 BILL EARLY USA
5:32.56 D. CAMINSCHI AUS

800 M. FREE

10:18.28 B YOUNG NZL
11:13.07 A. GREGSON AUS
11:33.17 B. FORD AUS
11:42.79 JOSEF KLIGMAN CAN
11:52.51 G. MARKER AUS
12:14.87 DIETER TESCHNER CAN
12:32.16 P. WATSON AUS
12:38.37 RICHARD SCHEU USA
12:40.72 JACK HOGANSON CAN
13:08.58 ALLAN MCDOUGALL CAN

1500 M. FREE

21:11.57 A. GREGSON AUS
21:19.97 BEN WISCKOL USA
21:59.00 JOSEF KLIGMAN CAN
22:57.70 DIETER TESCHNER CAN
24:00.45 WAYNE WILSON USA
24:13.50 JACK HOGANSON CAN
24:13.87 BENGT KARLSSON SWE
24:25.10 E. MARTIN AUS
24:26.44 HARRIS ROSEN USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

24:38.40	ALLAN MCDOUGALL	CAN	1:08.84	BERT PETERSEN	USA	2:24.04	B. BARRY	AUS	37.90	RICHARD WEICK	CAN
50 M. BACK			1:09.35	RICHARD BASSI	USA	2:26.56	BILL ROBERTSON	USA	38.07	J. LIPPINGHOF	CAN
31.62	JOHN SMITH	USA	1:10.56	MIKE LAUX	USA	2:30.50	JAMES JOHNSON	USA	38.48	TED ROBINSON	USA
33.00	PETER BERGENGREN	SWE	1:14.34	HANS REICHELT	USA	2:31.97	G LEACH	NZL	38.69	D BIDWELL	NZL
33.44	RICHARD BASSI	USA	1:14.53	P. JACKSON	AUS	2:32.50	GEORGE MILNE	CAN	39.30	JAMES JOHNSON	USA
33.70	RUNO ROMELL	SWE	1:14.70	B. ANGSTENBERGER	CAN	2:33.60	RICHARD WEICK	CAN	39.40	HENRY LENARTZ	USA
33.75	BILL EARLEY	USA	1:15.88	BEN WISCKOL	USA	2:35.90	JAN ELVIN	SWE	39.57	LOU ABEL	USA
33.83	D. CAMINSCHI	AUS	1:19.35	BARRY FASBENDER	USA	2:36.02	ART WELCH	USA	100 M. BRST		
34.60	DAVE GILLANDERS	USA	1:19.66	CHARLES KILBOURNE	USA	2:36.30	JAN HOOG	SWE	1:23.40	J. LIPPINGHOF	CAN
34.80	ERIK FORSLUND	SWE	200 M. FLY			2:36.58	BILL EARLEY	USA	1:24.21	DOUG HOLMES	USA
35.31	BOB FISHER	CAN	2:42.24	MIKE LAUX	USA	400 M. FREE			1:25.34	DAVID DABOLL	USA
36.40	TURE PERSSON	SWE	2:48.31	B. ANGSTENBERGER	CAN	5:12.00	B. BARRY	AUS	1:25.39	LENNART BROCK	SWE
100 M. BACK			2:51.30	DAVE GILLANDERS	USA	5:19.51	DAVE DRUM	USA	1:25.73	D BIDWELL	NZL
1:12.92	PETER BERGENGREN	SWE	2:55.57	BARRY FASBENDER	USA	5:22.31	FRANK REYNOLDS	USA	1:26.81	HENRY LENARTZ	USA
1:13.20	JOHN SMITH	USA	3:03.72	BERT PETERSEN	USA	5:24.79	J. REYNOLDS	GRB	1:27.79	TED ROBINSON	USA
1:13.91	RICHARD BASSI	USA	3:05.54	CHARLES KILBOURNE	USA	5:30.30	GEORGE MILNE	CAN	1:28.15	RAY BURNS	USA
1:15.10	D. CAMINSCHI	AUS	3:09.74	JOSEF KLIGMAN	CAN	5:34.06	G LEACH	NZL	1:29.27	GUNTER RICHTER	CAN
1:17.08	BILL EARLEY	USA	3:10.55	K WOODS	NZL	5:34.95	BILL ROBERTSON	USA	1:29.51	BOB DAVIS	USA
1:17.69	BOB FISHER	CAN	3:16.22	P. JACKSON	AUS	5:36.44	JAN HOOG	SWE	200 M. BRST		
1:18.99	ERIK FORSLUND	SWE	3:28.60	CHARLIE LANE	CAN	5:37.50	ART WELCH	USA	3:06.58	J. LIPPINGHOF	CAN
1:20.42	BILL RYSIEW	CAN	100 M. I.M.			5:38.03	JAN ELVIN	SWE	3:08.27	DAVID DABOLL	USA
1:22.30	G. KING	AUS	1:10.32	HAKAN KINDBLOM	SWE	800 M. FREE			3:12.72	D BIDWELL	NZL
1:24.20	ROAR ONSO	SWE	1:11.16	B YOUNG	NZL	11:13.44	B. BARRY	AUS	3:16.86	RAY BURNS	USA
200 M. BACK			1:13.65	P. JACKSON	AUS	11:16.97	FRANK REYNOLDS	USA	3:19.13	GUNTER RICHTER	CAN
2:32.78	B YOUNG	NZL	1:15.19	TORE PERSSON	SWE	11:33.52	ART WELCH	USA	3:19.92	BOB KAHL	USA
2:53.75	BEN WISCKOL	USA	1:15.40	M. MURPHY	AUS	11:34.95	J. WILLIAMS	AUS	3:20.06	ROBERT MILES	CAN
2:53.93	BOB FISHER	CAN	1:15.47	MIKE LAUX	USA	11:40.50	J. HAWTHORNE	AUS	3:21.87	TED ROBINSON	USA
3:00.67	MIKE LAUX	USA	1:15.55	HANS REICHELT	USA	11:40.67	GEORGE MILNE	CAN	3:22.36	NICK BERENYI	USA
3:04.03	JOACHIM LIPPINGHO	CAN	1:15.60	D. CAMINSCHI	AUS	12:05.13	R. SMITH	AUS	3:24.43	WERNER HOTZ	CAN
3:04.57	BARRY FASBENDER	USA	1:15.74	JACK MCCOY	USA	12:06.90	DENIS RICE	USA	50 M. FLY		
3:06.74	HARRIS ROSEN	USA	1:16.08	JOSEF KLIGMAN	CAN	12:12.50	B MCCLEAN	NZL	31.59	DAVE DRUM	USA
3:07.21	B. DEANE	AUS	200 M. I.M.			12:17.50	STEVE SCHOFIELD	USA	31.65	JIM BOHAN	USA
3:07.24	JOHN CONVEY	CAN	2:38.85	B YOUNG	NZL	1500 M. FREE			33.57	RICHARD WEICK	CAN
3:08.01	DALE CHOTE	CAN	2:47.84	JOSEF KLIGMAN	CAN	21:53.60	GEORGE MILNE	CAN	33.73	HENRY LENARTZ	USA
50 M. BRST			2:48.50	B. ANGSTENBERGER	CAN	22:35.43	J. HAWTHORNE	AUS	33.75	G LEACH	NZL
34.82	HAKAN KINDBLOM	SWE	2:52.62	D. CAMINSCHI	AUS	23:01.96	DENIS RICE	USA	34.50	HERB KERN	USA
35.07	JACK MCCOY	USA	2:54.19	BEN WISCKOL	USA	23:07.04	JAN ELVIN	SWE	34.51	DAVID HARRINGTON	USA
35.71	DAVID DABOLL	USA	2:55.82	BARRY FASBENDER	USA	23:15.50	STEVE GLADDEN	CAN	34.54	DON WUDTKE	USA
36.02	M. MOLONEY	AUS	2:56.00	JOACHIM LIPPINGHO	CAN	23:20.74	JAN HOOG	SWE	34.82	BILL ROBERTSON	USA
36.08	ROSS HOLDEN	CAN	2:56.74	G. STUTSEL	AUS	23:43.10	JOHN GRAY	CAN	34.88	GEORGE MILNE	CAN
36.56	HANS REICHELT	USA	2:56.92	CHARLES KILBOURNE	USA	23:50.28	STEVE SCHOFIELD	USA	100 M. FLY		
36.58	M. MURPHY	AUS	2:57.33	MARTIN MCLAREN	CAN	24:00.40	JAMES MILLER	USA	1:17.56	G LEACH	NZL
36.78	G. STUTSEL	AUS	400 M. I.M.			24:03.98	M. CRAGG	AUS	1:19.20	W. RILEY	AUS
36.86	ALLAN MCDOUGALL	CAN	5:54.32	MIKE LAUX	USA	50 M. BACK			1:20.06	HENRY LENARTZ	USA
37.20	NEIL HANDELSMAN	CAN	6:05.43	B. ANGSTENBERGER	CAN	34.20	JACK BEATTIE	USA	1:21.67	RICHARD WEICK	CAN
100 M. BRST			6:05.98	JOSEF KLIGMAN	CAN	34.47	JIM BOHAN	USA	1:22.08	C. LEBOURGEOIS	USA
1:15.76	HAKAN KINDBLOM	SWE	6:11.40	BEN WISCKOL	USA	35.70	LLOYD SKRAMSTAD	USA	1:22.81	ART WELCH	USA
1:20.88	DAVID DABOLL	USA	6:16.41	BARRY FASBENDER	USA	36.10	FOSTER DE JESUS	USA	1:23.88	B. BARRY	AUS
1:20.90	ROSS HOLDEN	CAN	6:18.94	CHARLES KILBOURNE	USA	36.67	W. RILEY	AUS	1:23.90	ROBERT MILES	CAN
1:22.20	HANS REICHELT	USA	6:25.08	D. CAMINSCHI	AUS	37.10	RON WITTLOCK	USA	1:25.70	JOE SANDO	USA
1:22.30	ALLAN MCDOUGALL	CAN	6:31.93	DIETER TESCHNER	CAN	37.42	JOHN GEORGE	USA	1:26.84	RAY BURNS	USA
1:22.90	NEIL HANDELSMAN	CAN	6:38.84	K WOODS	NZL	37.80	J. LIPPINGHOF	CAN	200 M. FLY		
1:23.38	G. STUTSEL	AUS	6:44.22	C. BELL	AUS	38.19	HAROLD ANFOSSI	CAN	3:12.98	G LEACH	NZL
1:23.63	CHARLES KILBOURNE	USA				38.92	GUNTER RICHTER	CAN	3:21.33	HERB KERN	USA
1:23.63	ROLAND LUNDIN	SWE	**********			100 M. BACK			3:30.97	JOHN GRAY	CAN
1:23.86	JOSEF KLIGMAN	CAN	M E N 50-54			1:18.01	JACK BEATTIE	USA	3:51.70	NICK BERENYI	USA
200 M. BRST			**********			1:19.06	BILL EARLEY	USA	3:55.80	KEN FRY	CAN
2:59.91	JOSEF KLIGMAN	CAN	50 M. FREE			1:23.40	W. RILEY	AUS	4:03.55	PICKETT SIMPSON	USA
3:01.08	CHARLES KILBOURNE	USA	27.61	PHILP GAY	USA	1:25.60	J. LIPPINGHOF	CAN	4:04.70	L. ALIOTTI	ITA
3:03.55	ROSS HOLDEN	CAN	28.65	J. WILLIAMS	AUS	1:26.20	C. LEBOURGEOIS	USA	4:14.48	TOM FOLEY	USA
3:05.09	ALLAN MCDOUGALL	CAN	28.71	BILL EARLEY	USA	1:26.47	P. BENT	AUS	4:50.00	B. MALCOLM	AUS
3:05.57	DAVID DABOLL	USA	28.90	RICHARD WEICK	CAN	1:26.65	HAROLD ANFOSSI	CAN	100 M. I.M.		
3:06.69	G. STUTSEL	AUS	29.16	JIM BOHAN	USA	1:28.39	LLOYD SKRAMSTAD	USA	1:15.60	FOSTER DE JESUS	USA
3:14.62	WALT REID	USA	29.20	LENNART BROCK	SWE	1:29.70	GUNTER RICHTER	CAN	1:16.22	JIM BOHAN	USA
3:15.81	DOUGLAS MESSENEO	USA	29.25	BILL ROBERTSON	USA	1:31.93	RAY CHEN	USA	1:16.38	RICHARD WEICK	CAN
3:17.47	ROGER GREENHALG	CAN	29.56	GRAHAM MC GILL	USA	200 M. BACK			1:16.82	B. BARRY	AUS
3:19.44	RICHARD FRANCIS	USA	29.66	P. BENT	AUS	2:57.19	JACK BEATTIE	USA	1:16.89	W. RILEY	AUS
50 M. FLY			29.70	FOSTER DE JESUS	USA	3:02.90	J. LIPPINGHOF	CAN	1:18.75	J. LIPPINGHOF	CAN
29.75	BERT PETERSEN	USA	100 M. FREE			3:06.50	RON WITTLOCK	USA	1:18.93	D. LOELIGER	AUS
30.00	DAVE GILLANDERS	USA	1:04.55	B. BARRY	AUS	3:13.52	A. IVANOUSKAS	USA	1:19.11	BILL ROBERTSON	USA
31.13	P. JACKSON	AUS	1:04.65	J. WILLIAMS	AUS	3:15.24	PAUL ELLIOTT	USA	1:19.20	LENNART BROCK	SWE
31.60	MARTIN MCLAREN	CAN	1:06.12	BILL ROBERTSON	USA	3:21.02	J. HAWTHORNE	AUS	1:19.30	JAMES JOHNSON	USA
31.80	HANS REICHELT	USA	1:06.13	RICHARD WEICK	CAN	3:24.10	NEIL WORTMAN	USA	200 M. I.M.		
32.00	JACK MCCOY	USA	1:07.00	JAMES JOHNSON	USA	3:27.74	JOHN PADAN	USA	2:52.90	RICHARD WEICK	CAN
32.00	RUNO ROMELL	SWE	1:07.53	G LEACH	NZL	3:36.17	B. MALCOLM	AUS	2:53.30	J. LIPPINGHOF	CAN
32.26	JOHN SMITH	USA	1:08.01	GERALD MARKOFF	USA	3:44.01	YVES PETIT	CAN	3:07.22	J. WILLIAMS	AUS
32.60	LARRY HOLT	CAN	1:08.11	GRAHAM MC GILL	USA	50 M. BRST			3:07.29	DAVID LAMOTT	USA
32.63	MIKE LAUX	USA	1:09.40	JAN HOOG	SWE	37.17	LENNART BROCK	SWE	3:08.00	GUNTER RICHTER	CAN
100 M. FLY			1:10.45	J. HAWTHORNE	AUS	37.48	DAVID DABOLL	USA	3:09.77	DOUG HOLMES	USA
1:08.58	DAVE GILLANDERS	USA	200 M. FREE			37.49	JAN TORNELL	SWE	3:10.12	ART WELCH	USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

3:13.49 LENNART BROCK SWE
3:15.02 G. FORLANI ITA
3:16.53 J. HAWTHORNE AUS
400 M. I.M.
6:38.34 ART WELCH USA
6:38.86 J. WILLIAMS AUS
6:53.19 HERB KERN USA
6:53.87 R. SMITH AUS
6:54.48 DAVID LAMOTT USA
6:58.95 R. RICHARDS AUS
7:08.14 J. HAWTHORNE AUS
7:08.82 JOHN GOODE USA
7:12.05 CHARLES KOHNKEN USA
7:13.06 NICK BERENYI USA

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M E N 55-59
****
50 M. FREE
29.35 DICK BOWER USA
29.38 B. BARRY AUS
29.47 EDWARD EMES USA
29.62 JOHN KORTHEUER USA
30.10 WILLIAM IRWIN USA
30.10 M. VAN GELDER AUS
30.30 JAMES PITTS USA
30.38 WILLIAM STERN USA
30.60 TOM WHITELEATHER USA
30.69 GERALD MARKOFF USA
100 M. FREE
1:06.56 JOHN KORTHEUER USA
1:07.55 DICK BOWER USA
1:07.80 EDWARD EMES USA
1:09.20 JAMES PITTS USA
1:10.65 K. JONES AUS
1:11.13 M. VAN GELDER AUS
1:13.81 TOM WHITELEATHER USA
1:13.90 WILLIAM IRWIN USA
1:14.66 LUMAN SUTTON USA
1:16.29 GRANT JEFFREY CAN
200 M. FREE
2:22.95 B. DONALDSON AUS
2:34.12 WILLIAM STERN USA
2:37.60 K. JONES AUS
2:38.10 JAMES PITTS USA
2:40.88 GERALD MARKOFF USA
2:49.19 JOHN DUFFY USA
2:52.60 JACK GALVIN CAN
2:52.81 GRANT JEFFREY CAN
2:56.51 JOE DECOURCY CAN
2:56.94 HENRI MONGEON CAN
400 M. FREE
5:22.67 PETER BUCKLEY USA
5:33.12 R. HARTLEY AUS
5:37.81 KEN KIMBALL USA
5:53.15 KARL-OTTO MODIN SWE
5:57.40 NEAL PALMER USA
6:01.86 GORDON GILLIN USA
6:02.36 LEN GOLDSTONE USA
6:05.20 JACK GALVIN CAN
6:07.62 DICK BOWER USA
6:09.77 JOHN DUFFY USA
800 M. FREE
11:31.78 PETER BUCKLEY USA
11:34.68 K. JONES AUS
12:33.00 JACK GALVIN CAN
12:54.28 NEAL PALMER USA
13:23.99 TERRY CONNOLLY CAN
13:31.80 GRANT JEFFREY CAN
13:35.90 HENRI MONGEON CAN
13:50.98 JOE DECOURCY CAN
13:52.00 J. MCCRAE AUS
13:53.18 R. GIBBS AUS
1500 M. FREE
23:08.28 KEN KIMBALL USA
23:21.44 K. JONES AUS
23:39.90 JACK GALVIN CAN
23:51.91 KARL-OTTO MODIN SWE
25:28.33 FRED WADSWORTH USA
25:57.90 JOE DECOURCY CAN

26:29.10 GRANT JEFFREY CAN
28:03.21 R. LINDSAY AUS
28:09.80 GERALD DE LUGT CAN
28:37.00 A. BELTON AUS
50 M. BACK
37.90 ALLAN ANDERSSON SWE
38.07 JOHN KORTHEUER USA
38.70 KARL-OTTO MODIN SWE
39.17 K. JONES AUS
39.20 FOREST SULLIVAN USA
40.30 JONNY LYSELL SWE
40.34 BILL CHRISTIAN USA
40.90 JAMES PITTS USA
41.54 ARTHUR FRIEDLAND USA
41.60 JOHN FRUIN USA
100 M. BACK
1:26.21 KEN KIMBALL USA
1:27.60 ALLAN ANDERSSON SWE
1:32.43 FOREST SULLIVAN USA
1:32.62 LUMAN SUTTON USA
1:33.46 HERB SIMON USA
1:34.28 HAROLD DESMIDT USA
1:34.40 JOHN FRUIN USA
1:34.52 ARTHUR FRIEDLAND USA
1:37.09 DICK HARGRAVE USA
1:37.20 BILL HUNTER CAN
200 M. BACK
3:10.50 KEN KIMBALL USA
3:22.20 ARTHUR FRIEDLAND USA
3:26.83 LUMAN SUTTON USA
3:28.80 JOHN FRUIN USA
3:32.46 KARL PELTZ CAN
3:39.03 ERNIE HULME USA
3:41.91 D. MCCORMICK AUS
3:43.45 WILLIAM MONROE USA
4:27.74 M.VAN DYJK VAN NO CAN
4:40.80 MARVIN KLEINMAN USA
50 M. BRST
35.54 JOHN KORTHEUER USA
37.70 JONNY LYSELL SWE
38.01 AARON KURTZMAN USA
40.32 KENNETH FLYNN USA
41.40 ROBERT METH USA
42.01 LEN GOLDSTONE USA
43.09 R. BOOTLE AUS
43.27 JOHN BAUMAN USA
43.50 HERB SIMON USA
43.56 ERIC GUEST USA
100 M. BRST
1:20.06 JOHN KORTHEUER USA
1:25.10 B. GRAJA ITA
1:27.10 JONNY LYSELL SWE
1:28.21 AARON KURTZMAN USA
1:28.57 J. DAVIES AUS
1:30.50 ROBERT METH USA
1:32.33 KENNETH FLYNN USA
1:34.49 JOHN BAUMAN USA
1:35.49 HERB SIMON USA
1:38.45 KARL PELTZ CAN
200 M. BRST
3:00.76 JOHN KORTHEUER USA
3:20.20 ROBERT METH USA
3:35.89 JOHN MONNE CAN
3:36.32 MIKE TORSNEY CAN
3:36.68 GERALD DE LUGT CAN
3:36.91 KARL PELTZ CAN
3:39.95 NORM MEYERS USA
3:42.52 THEODORUS AARDSE CAN
3:45.94 TOM ILLSLEY CAN
3:52.20 R. LINDSAY AUS
50 M. FLY
31.66 EDWARD EMES USA
32.74 ALFONSO ALLEN USA
34.52 LEN GOLDSTONE USA
35.02 FOREST SULLIVAN USA
35.41 LUMAN SUTTON USA
37.10 MIKE TORSNEY CAN
37.47 T. DONOVAN AUS
37.73 JOHN DUFFY USA
37.87 J. BROWNJOHN AUS

37.90 ART TEBBENS USA
100 M. FLY
1:19.62 ALFONSO ALLEN USA
1:26.18 MIKE TORSNEY CAN
1:32.80 ART TEBBENS USA
1:36.94 M. VAN GELDER AUS
1:38.05 GRANT JEFFREY CAN
1:44.35 KARL PELTZ CAN
1:49.71 WILLIAM CALLENDER USA
1:50.31 GERALD LEDUC CAN
1:54.07 JACK GRIFFIN USA
1:55.00 DON WILSON USA
200 M. FLY
3:13.10 B. GRAJA ITA
3:24.16 MIKE TORSNEY CAN
3:28.00 ART TEBBENS USA
3:29.88 ALFONSO ALLEN USA
3:58.17 KARL PELTZ CAN
4:00.38 D. MCCORMICK AUS
4:01.64 JACK GRIFFIN USA
100 M. I.M.
1:14.57 B. BARRY AUS
1:16.00 JOHN KORTHEUER USA
1:22.01 GERALD MARKOFF USA
1:23.60 B. GRAJA ITA
1:24.30 JAMES PITTS USA
1:25.93 JONNY LYSELL SWE
1:26.18 FOREST SULLIVAN USA
1:26.34 GORDON GILLIN USA
1:26.46 K. JONES AUS
1:26.60 WILLIAM STERN USA
200 M. I.M.
3:10.79 GORDON GILLIN USA
3:13.10 MIKE TORSNEY CAN
3:17.63 PAUL GEITHNER USA
3:18.11 LUMAN SUTTON USA
3:21.27 JOHN BAUMAN USA
3:22.00 KARL PELTZ CAN
3:34.13 NORM MEYERS USA
3:37.27 WILLIAM MONROE USA
3:37.41 D. MCCORMICK AUS
3:43.70 JACK SHAW CAN
400 M. I.M.
6:22.52 B. BARRY AUS
7:25.49 KARL PELTZ CAN
8:01.97 H. MARKUS AUS
8:08.01 M. STEVENS AUS
8:34.60 D. HARKUP AUS
8:40.81 J. MCCRAE AUS
8:48.74 JACK GRIFFIN USA
9:29.04 R. GIBBS AUS

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M E N 60-64
****
50 M. FREE
29.83 FRANK PIEMME USA
30.80 BERNIE GUTTILLA USA
31.65 JOHN WOODS USA
31.75 K. VICKERY AUS
31.92 R. HARTLEY AUS
32.16 DICK COLLINS USA
32.19 LENNART LINDBERG SWE
32.81 T.VONBERCKEFELDT USA
33.29 JOHN RICHARDS USA
33.30 DOUGLAS KIRK CAN
100 M. FREE
1:09.57 JOHN WOODS USA
1:09.90 BERNIE GUTTILLA USA
1:10.28 R. HARTLEY AUS
1:11.41 K. VICKERY AUS
1:13.02 WAYNE SHADBOLT USA
1:15.61 DICK COLLINS USA
1:16.10 LENNART LINDBERG SWE
1:16.14 BALINT PAPP USA
1:16.58 RUSS SIMPSON CAN
1:16.70 DOUGLAS KIRK CAN
200 M. FREE
2:36.10 BERNIE GUTTILLA USA
2:36.74 JOHN WOODS USA

2:42.42 JERRY JAROLD USA
2:44.45 DUANE DRAVES USA
2:52.53 JOHN RICHARDS USA
2:56.55 JAMES WILLIAMSON USA
3:00.70 DOUGLAS KIRK CAN
3:01.25 BALINT PAPP USA
3:01.60 TED ROACH CAN
3:03.39 GLYNN JONES USA
400 M. FREE
5:38.89 JOHN WOODS USA
6:10.25 JK EDWARDS USA
6:20.95 GLYNN JONES USA
6:29.01 NILS KLING SWE
6:32.79 JAMES WILLIAMSON USA
6:34.00 TED ROACH CAN
6:36.08 K. ROW AUS
6:45.32 GILBERT YOUNG USA
6:46.90 RUSS SIMPSON CAN
6:48.20 RICHARD DANIEL USA
800 M. FREE
12:01.65 PAUL HUTINGER USA
13:04.34 FRANK BLAIR USA
13:11.78 GLYNN JONES USA
13:30.76 JAMES WILLIAMSON USA
13:43.73 TED ROACH CAN
13:44.18 JERRY SAGER USA
13:51.06 GILBERT YOUNG USA
14:08.82 BALINT PAPP USA
14:09.34 C. F. SCHMIDT USA
14:31.82 FRANK COGHLAN USA
1500 M. FREE
24:06.50 PAUL HUTINGER USA
24:41.68 FRANK BLAIR USA
25:00.02 GLYNN JONES USA
25:40.78 JAMES WILLIAMSON USA
25:44.30 TED ROACH CAN
26:04.67 NILS KLING SWE
26:10.20 GILBERT YOUNG USA
27:19.79 BALINT PAPP USA
27:26.35 FRANK COGHLAN USA
28:43.25 C. F. SCHMIDT USA
50 M. BACK
34.81 PAUL HUTINGER USA
37.99 JOHN WOODS USA
38.03 JERRY JAROLD USA
39.53 DON BARTLETT USA
40.00 J. BROWN USA
41.40 K. VICKERY AUS
42.15 T.VONBERCKEFELDT USA
42.19 LENNART LINDBERG SWE
42.63 WAYNE SHADBOLT USA
42.72 R. HARTLEY AUS
100 M. BACK
1:17.31 PAUL HUTINGER USA
1:26.01 DUANE DRAVES USA
1:26.84 JOHN WOODS USA
1:27.64 DON BARTLETT USA
1:29.15 J. BROWN USA
1:31.84 LENNART LINDBERG SWE
1:35.61 WIL DOLPHIN USA
1:36.19 JAMES WILLIAMSON USA
1:37.16 WILFORD DOLPHIN USA
1:38.55 ROBERT WENTORF USA
200 M. BACK
2:53.32 PAUL HUTINGER USA
3:18.09 J. BROWN USA
3:31.12 WILFORD DOLPHIN USA
3:33.49 JK EDWARDS USA
3:49.22 GILBERT YOUNG USA
3:52.23 GLYNN JONES USA
3:58.71 BOB MC CAIN USA
4:31.85 AUBREY DODD USA
4:36.59 D. FOWLERS AUS
4:42.55 BERT WALKER CAN
50 M. BRST
37.79 JOSEPH KURTZMAN USA
39.15 JAMES FORBES USA
39.74 PAUL HUTINGER USA
41.22 T.VONBERCKEFELDT USA
41.53 HENRY KIVI CAN

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

41.92 ED SIMMERS USA
42.36 ROBERT WENTORF USA
43.81 LELAND ARTH USA
44.58 JOHN WOODS USA
44.70 C. F. SCHMIDT USA

100 M. BRST

1:30.89 TED ROACH CAN
1:30.91 JAMES FORBES USA
1:32.23 JOSEPH KURTZMAN USA
1:32.33 T.VONBERCKEFELDT USA
1:32.56 J. FORBES GRB
1:33.04 HENRY KIVI CAN
1:34.26 JOHN RICHARDS USA
1:36.60 A MANLEY NZL
1:36.63 ROBERT WENTORF USA
1:38.35 ED SIMMERS USA

200 M. BRST

3:17.21 PAUL HUTINGER USA
3:22.00 TED ROACH CAN
3:26.89 JAMES FORBES USA
3:29.55 FRANK PIEMME USA
3:29.67 JOSEPH KURTZMAN USA
3:30.95 A MANLEY NZL
3:32.47 HENRY KIVI CAN
3:43.62 GEORGE CUNNINGHAM USA
3:45.35 LELAND ARTH USA
3:52.66 C. F. SCHMIDT USA

50 M. FLY

32.74 PAUL HUTINGER USA
35.36 JOSEPH KURTZMAN USA
36.11 JOHN WOODS USA
38.07 JERRY JAROLD USA
38.20 BERNIE GUTTILLA USA
39.20 TED ROACH CAN
40.18 HENRY KIVI CAN
40.29 K. VICKERY AUS
42.23 ART KELLEY USA
42.33 GEORGE CUNNINGHAM USA

100 M. FLY

1:23.25 FRANK PIEMME USA
1:23.34 JOSEPH KURTZMAN USA
1:27.38 ED RUDLOFF USA
1:33.40 TED ROACH CAN
1:37.69 ART KELLEY USA
1:41.13 TED DIPPY USA
1:45.37 RICHARD DANIEL USA
1:48.13 GEORGE CUNNINGHAM USA
1:48.66 G. ASHLEY AUS
1:48.95 NILS KLING SWE

200 M. FLY

3:15.81 JOSEPH KURTZMAN USA
3:22.42 ED RUDLOFF USA
3:47.77 ART KELLEY USA
4:08.71 BALINT PAPP USA
4:10.36 TED DIPPY USA
4:40.47 W MARTIN NZL
5:41.65 RAYMOND EVELEIGH CAN

100 M. I.M.

1:18.02 PAUL HUTINGER USA
1:21.76 JOHN WOODS USA
1:23.62 JERRY JAROLD USA
1:23.72 ED RUDLOFF USA
1:26.80 TED ROACH CAN
1:26.90 BERNIE GUTTILLA USA
1:30.11 K. VICKERY AUS
1:31.87 BALINT PAPP USA
1:31.90 HENRY KIVI CAN
1:32.94 JAMES WILLIAMSON USA

200 M. I.M.

2:59.39 DUANE DRAVES USA
3:00.55 FRANK PIEMME USA
3:11.17 ED RUDLOFF USA
3:11.90 TED ROACH CAN
3:29.72 BALINT PAPP USA
3:30.22 LELAND ARTH USA
3:36.59 NILS KLING SWE
3:43.49 RICHARD DANIEL USA
3:45.36 GEORGE CUNNINGHAM USA
3:48.22 WIL DOLPHIN USA

400 M. I.M.

7:02.27 ED RUDLOFF USA
7:32.45 BALINT PAPP USA
8:06.40 F. JOHNSON AUS
8:09.11 ALEX MCINTOSH USA
8:23.40 C. F. SCHMIDT USA
8:45.10 PAUL GUERARD CAN
9:51.40 RAYMOND EVELEIGH CAN

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M E N 65-69

****

50 M. FREE

33.59 HUGH RICHARDS USA
33.86 DON GREETHAM USA
33.94 H. ARENDT FRG
34.19 ED REYNOLDS CAN
34.29 BILL ODMAN USA
34.66 CLAES LINDBERG SWE
34.70 NILS FERM SWE
35.12 H. BAILY AUS
35.17 JOHN LAIRD USA
35.70 JOHN HAY USA

100 M. FREE

1:14.50 PATRICK MILSOM CAN
1:15.86 ARNE JUTNER SWE
1:17.64 DON GREETHAM USA
1:20.00 B. HARRIS AUS
1:20.61 H. ARENDT FRG
1:20.79 ED REYNOLDS CAN
1:20.87 HUGH RICHARDS USA
1:21.20 H. BAILY AUS
1:22.40 B. ALLERTON AUS
1:23.22 NILS FERM SWE

200 M. FREE

2:39.78 RAY TAFT USA
2:52.62 ALDO DA ROSA USA
2:55.30 PATRICK MILSOM CAN
2:58.54 BOB MERRICK USA
2:59.81 RICHARD SMITH USA
3:04.82 DON GREETHAM USA
3:08.45 ED THOMAS CAN
3:09.20 NILS FERM SWE
3:11.67 L. CAMPBELL AUS
3:19.26 HUGH RICHARDS USA

400 M. FREE

6:02.68 ALDO DA ROSA USA
6:08.42 BOB MERRICK USA
6:31.73 H. ARENDT FRG
6:32.76 RICHARD SMITH USA
6:34.90 DON GREETHAM USA
6:48.02 GEORGE HUBBELL USA
6:48.75 ED THOMAS CAN
6:53.54 NILS FERM SWE
7:09.49 ROGER CHAMBERLAIN USA
7:11.89 HENRY KNECHT USA

800 M. FREE

12:15.41 RAY TAFT USA
12:42.73 B. HARRIS AUS
15:08.91 B. MCCABE AUS
15:23.28 B. ALLERTON AUS
15:24.58 HARRY COOPER USA
16:29.04 H. BRIAN AUS
17:19.20 W. BROOM AUS
17:50.69 J. COCKBURN AUS
19:09.10 MAC TAYLOR CAN
22:07.47 JIMMY BUTLER USA

1500 M. FREE

23:41.14 ALDO DA ROSA USA
25:36.47 BOB MERRICK USA
25:42.94 RICHARD SMITH USA
26:44.15 DON GREETHAM USA
27:37.88 NILS FERM SWE
27:40.84 HERMAN BECKER USA
28:59.18 CLAES LINFBERG SWE
32:15.86 LARS-BERTIL WARLE SWE
34:10.95 HARRY ANDERSON USA
34:26.22 ROGER SMITH USA

50 M. BACK

40.30 PATRICK MILSOM CAN
40.38 ALBERT VANDEWEGHE USA
41.50 NILS FERM SWE
42.62 THOMAS KRUMM USA
43.42 JOHN MERRILL USA
43.79 GODFROY COTE CAN
44.16 L. CANESSA ITA
44.35 ROBERT CUTTER USA
45.16 H. BRIAN AUS
45.41 R. SNELL AUS

100 M. BACK

1:27.18 RAY TAFT USA
1:29.58 PATRICK MILSOM CAN
1:31.22 ALBERT VANDEWEGHE USA
1:34.21 ALDO DA ROSA USA
1:36.17 THOMAS KRUMM USA
1:36.66 JOHN MERRILL USA
1:37.91 BOB MERRICK USA
1:39.70 BILL UHRICH USA
1:41.78 H. BAILY AUS
1:42.90 GODFROY COTE CAN

200 M. BACK

3:07.65 RAY TAFT USA
3:24.74 PATRICK MILSOM CAN
3:24.76 ALBERT VANDEWEGHE USA
3:27.43 JOHN MERRILL USA
3:36.90 B. HARRIS AUS
3:41.58 THOMAS KRUMM USA
3:44.99 HENRY KNECHT USA
3:52.02 ED THOMAS CAN
3:55.18 H. BRIAN AUS
4:03.50 B. ALLERTON AUS

50 M. BRST

40.99 ALDO DA ROSA USA
41.12 TOM LIND USA
41.72 JOHN LAIRD USA
42.59 PAUL KRUP USA
43.18 B. MCCABE AUS
44.24 BOB MERRICK USA
44.49 H. ARENDT FRG
45.52 ED REYNOLDS CAN
46.10 MURRAY EAGER USA
46.49 ROGER CHAMBERLAIN USA

100 M. BRST

1:31.45 ALDO DA ROSA USA
1:35.20 JOHN LAIRD USA
1:42.27 S. KRASEY AUS
1:43.40 ED REYNOLDS CAN
1:44.63 ROGER CHAMBERLAIN USA
1:44.70 MURRAY EAGER USA
1:46.91 EVERT NEVSTAD SWE
1:48.10 OLLE MALMKJELL SWE
1:48.70 GEORGE HUBBELL USA
1:50.10 BOB FIRLOTTE CAN

200 M. BRST

3:23.47 ALDO DA ROSA USA
3:32.61 JOHN LAIRD USA
3:33.31 BOB MERRICK USA
3:37.62 TOM LIND USA
3:39.21 PAUL KRUP USA
3:59.40 MURRAY EAGER USA
4:01.99 GEORGE HUBBELL USA
4:03.26 BILL UHRICH USA
4:07.49 RICHARD SMITH USA
4:17.28 JOHN HAY USA

50 M. FLY

37.90 RAY TAFT USA
40.24 BILL UHRICH USA
40.37 HUGH RICHARDS USA
40.51 JOHN LAIRD USA
42.26 BILL ODMAN USA
43.14 B. MCCABE AUS
44.05 THOMAS KRUMM USA
44.37 ROGER CHAMBERLAIN USA
45.26 CLAES LINDBERG SWE
45.70 LARS-BERTIL WARLE SWE

100 M. FLY

1:38.49 PAUL KRUP USA
1:40.55 BOB MERRICK USA
1:46.15 TOM LIND USA
1:47.43 B. MCCABE AUS
2:02.76 ROBERT MORSE USA
2:12.29 L. CAMPBELL AUS
2:12.64 CLAES LINDBERG SWE
2:22.90 B. BRUSCANTINI ITA

200 M. FLY

3:34.81 PAUL KRUP USA
3:43.31 ALDO DA ROSA USA
3:58.42 B. MCCABE AUS
4:27.31 ROBERT MORSE USA

100 M. I.M.

1:20.20 RAY TAFT USA
1:34.89 HUGH RICHARDS USA
1:35.57 H. ARENDT FRG
1:37.06 J. JENKINS AUS
1:37.53 S. KRASEY AUS
1:37.67 B. MCCABE AUS
1:38.34 THOMAS KRUMM USA
1:39.65 ROGER CHAMBERLAIN USA
1:45.01 C. TOMPKINS AUS
1:46.33 JOHN MERRILL USA

200 M. I.M.

3:06.64 RAY TAFT USA
3:22.49 ALDO DA ROSA USA
3:30.53 GEORGE HUBBELL USA
3:35.55 TOM LIND USA
3:35.79 BILL UHRICH USA
3:36.70 ROGER CHAMBERLAIN USA
3:37.99 RICHARD SMITH USA
4:01.53 L. CAMPBELL AUS
4:26.18 ROBERT MORSE USA
4:34.15 H HOLMES NZL

400 M. I.M.

6:53.35 RAY TAFT USA
7:08.21 ALDO DA ROSA USA
7:16.80 BOB MERRICK USA
7:56.33 RICHARD SMITH USA
8:36.71 B. MCCABE AUS
8:52.63 L. CAMPBELL AUS
9:29.25 ROBERT MORSE USA
11:32.87 GEORGE ADJEMIAN USA

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M E N 70-74

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50 M. FREE

32.31 KELLY LEMMON USA
33.70 OBEL JAMES USA
33.89 WOODY BOWERSOCK USA
34.76 T. CADDY AUS
34.81 S BOARDMAN NZL
35.17 S. SIMPSON AUS
35.55 ALBERT VANDEWEGHE USA
36.00 G. HUXTABLE GRB
36.19 BERT KASSELL USA
36.21 JACK GARNAUS USA

100 M. FREE

1:14.48 KELLY LEMMON USA
1:17.34 G. WILLIAMS AUS
1:18.09 OBEL JAMES USA
1:20.13 S BOARDMAN NZL
1:21.57 T. CADDY AUS
1:22.78 G. DE SILVA ITA
1:27.76 FRED COOK CAN
1:28.80 WILLIAM GRANT USA
1:29.81 JOHN SAUTTER USA
1:31.42 EDGAR BLACKLEDGE USA

200 M. FREE

2:56.84 KELLY LEMMON USA
3:05.90 G. DE SILVA ITA
3:06.50 S BOARDMAN NZL
3:13.99 WOODY BOWERSOCK USA
3:20.00 NORBERT ARTUS CAN
3:26.44 JACK GARNAUS USA
3:26.78 NORMAN SKJERSAA USA
3:34.92 JOHN MORRISON USA
3:38.22 FRED COOK CAN
3:41.45 FRED WALBOLT USA

400 M. FREE

6:40.20 NORBERT ARTUS CAN
6:46.40 S BOARDMAN NZL
6:55.34 ERNEST VAN HORN USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

6:59.37 E. ERNEN FRG
7:07.19 NORMAN SKJERSAA USA
7:34.40 EDGAR BLACKLEDGE USA
7:34.40 JOHN SAUTTER USA
7:43.66 CARL THORNBURG USA
7:44.80 JOHN MORRISON USA
8:02.60 FRED COOK CAN

800 M. FREE

13:55.78 NORBERT ARTUS CAN
14:35.89 NORMAN SKJERSAA USA
15:58.52 JOHN MORRISON USA
17:03.21 FRED WALBOLT USA
17:50.20 EUGENE LEHMAN CAN
18:02.43 K. FORD AUS
18:13.77 D SOUTHEE NZL
21:09.00 B. DOWKER AUS
21:26.20 FRED STINER CAN

1500 M. FREE

26:06.90 NORBERT ARTUS CAN
28:02.05 ERNEST VAN HORN USA
28:10.14 NORMAN SKJERSAA USA
29:54.20 JOHN MORRISON USA
31:51.44 FRANK TILLOTSON USA
32:32.00 FRED WALBOLT USA
33:27.90 EUGENE LEHMAN CAN

50 M. BACK

39.72 EDWARD SHEA USA
39.86 ALBERT VANDEWEGHE USA
44.13 G. HUXTABLE GRB
45.85 ED REYNOLDS CAN
47.39 WILLIAM GRANT USA
47.88 S. SIMPSON AUS
48.40 JACK KEEFE USA
49.12 T. CADDY AUS
49.57 HAROLD PERRY USA
50.04 FRANK TILLOTSON USA

100 M. BACK

1:28.56 EDWARD SHEA USA
1:29.47 ALBERT VANDEWEGHE USA
1:35.63 G. WILLIAMS AUS
1:42.18 JACK GARNAUS USA
1:48.12 ED REYNOLDS CAN
1:49.30 JACK KEEFE USA
1:50.07 WOODY BOWERSOCK USA
1:50.61 BILL FITE USA
1:51.43 EDGAR BLACKLEDGE USA
1:52.30 CARL THORNBURG USA

200 M. BACK

3:15.22 EDWARD SHEA USA
3:18.78 ALBERT VANDEWEGHE USA
3:57.60 JACK KEEFE USA
4:00.28 FRANK TILLOTSON USA
4:04.52 CARL THORNBURG USA
4:20.36 EDGAR BLACKLEDGE USA
4:45.07 ROY ERLANDSON USA
5:06.85 FRED WALBOLT USA
5:37.67 HENRY STEINBISS USA
5:52.70 FRED STINER CAN

50 M. BRST

45.01 ED REYNOLDS CAN
46.52 EDGAR BLACKLEDGE USA
46.80 G. RAGGI ITA
49.39 G. WILLIAMS AUS
50.57 NORM PATON CAN
51.62 CARL THORNBURG USA
51.76 JOHN SAUTTER USA
52.71 KARE WINJE SWE
53.19 T. CADDY AUS
56.00 ROD MUIRHEAD CAN

100 M. BRST

1:43.61 MIKE OFFNER USA
1:44.80 ED REYNOLDS CAN
1:56.06 G. WILLIAMS AUS
1:58.90 NORM PATON CAN
2:14.20 ROD MUIRHEAD CAN
2:16.69 H. CILENTO AUS
2:18.37 B. WESTWOOD AUS
2:28.13 ROY ERLANDSON USA
2:28.71 HENRY STEINBISS USA
2:52.03 G.DANENHOWER USA

200 M. BRST

3:43.52 KELLY LEMMON USA
4:07.73 BILL FITE USA
4:52.59 FRANK TILLOTSON USA
5:12.95 HENRY STEINBISS USA
5:37.59 K. SARSON AUS

50 M. FLY

45.19 G. WILLIAMS AUS
47.78 EDGAR BLACKLEDGE USA
47.96 HAROLD PERRY USA
49.25 WILLIAM GRANT USA
49.30 T. CADDY AUS
52.71 OBEL JAMES USA
53.94 NORMAN SKJERSAA USA
54.71 JOHN SAUTTER USA
1:08.20 EUGENE LEHMAN CAN
1:12.00 K. FORD AUS

100 M. FLY

1:52.50 WILLIAM GRANT USA
1:58.29 BILL FITE USA
2:04.19 CARL THORNBURG USA
2:30.00 EUGENE LEHMAN CAN

200 M. FLY

5:11.40 FRANK TILLOTSON USA

100 M. I.M.

1:44.99 EDGAR BLACKLEDGE USA
1:47.03 OBEL JAMES USA
1:47.96 T. CADDY AUS
1:59.12 NORMAN SKJERSAA USA
2:00.14 M. PARKER AUS
2:00.18 BERT KASSELL USA
2:01.50 NORM PATON CAN
2:12.50 C. GUERELLO ITA
2:16.00 T. NEVILLE AUS
2:16.09 H. CILENTO AUS

200 M. I.M.

3:56.21 BILL FITE USA
4:02.62 EDGAR BLACKLEDGE USA
4:05.80 MIKE OFFNER USA
4:13.64 WOODY BOWERSOCK USA
4:32.55 BERT KASSELL USA
5:12.13 C. GUERELLO ITA
5:14.81 EUGENE LEHMAN CAN

400 M. I.M.

9:18.88 FRANK TILLOTSON USA

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M E N 75-79
****

50 M. FREE

36.66 BILL SHOTT USA
37.15 CARL LINDSTRAND USA
37.32 REG RICHARDSON USA
40.15 PATRICK FRANK USA
43.10 FRANK STARR CAN
43.60 FRANK TAYLOR CAN
45.59 JUSTUS COOLEY USA
50.92 CHARLES BILLING CAN
59.30 J. HOLMES AUS
1:00.84 B. COLQUHOUN AUS

100 M. FREE

1:24.40 F. GRIFFITHS AUS
1:29.62 CARL LINDSTRAND USA
1:30.51 JOE IRVINE USA
1:31.32 PATRICK FRANK USA
1:36.58 R. SCHOFIELD AUS
1:39.00 FRANK TAYLOR CAN
1:45.24 FRANK STARR CAN
1:52.95 JIM MCDIARMID CAN
2:03.00 CHARLES BILLING CAN
2:23.70 HUD STEWART CAN

200 M. FREE

3:22.31 REG RICHARDSON USA
3:25.56 BILL SHOTT USA
3:26.07 CARL LINDSTRAND USA
3:29.49 JOE IRVINE USA
3:30.60 PATRICK FRANK USA
3:53.74 J. ROGERS AUS
3:55.60 FRANK TAYLOR CAN
3:58.60 FRANK STARR CAN
4:03.75 JIM MCDIARMID CAN
4:47.40 HUD STEWART CAN

400 M. FREE

7:26.67 REG RICHARDSON USA
7:30.89 BILL SHOTT USA
7:47.61 JOE IRVINE USA
8:37.84 FRANK STARR CAN
9:01.40 JIM MCDIARMID CAN
10:51.30 CHARLES BILLING CAN
12:12.95 JOHN LECHNER USA

800 M. FREE

15:53.72 F. GRIFFITHS AUS
15:56.44 BILL SHOTT USA
17:34.40 FRANK STARR CAN
22:09.60 CHARLES BILLING CAN

1500 M. FREE

31:28.87 BILL SHOTT USA
46:02.20 CHARLES BILLING CAN

50 M. BACK

57.19 L. DAVOGLIO ITA
57.74 PATRICK FRANK USA
58.14 J. ROGERS AUS
1:00.24 STANTON CRAIGIE USA
1:01.50 FRANK TAYLOR CAN
1:01.56 JUSTUS COOLEY USA
1:03.37 FRANK STARR CAN
1:06.64 HUD STEWART CAN
1:07.99 WILL OSSA USA
1:16.01 J. HOLMES AUS

100 M. BACK

1:51.56 REG RICHARDSON USA
2:02.65 JOE IRVINE USA
2:04.59 B FARRELL NZL
2:08.86 JUSTUS COOLEY USA
2:14.41 STANTON CRAIGIE USA
2:17.91 FRANK STARR CAN
2:18.70 HUD STEWART CAN
2:33.12 WILL OSSA USA

200 M. BACK

4:50.56 HUD STEWART CAN
5:01.03 STANTON CRAIGIE USA

50 M. BRST

46.66 BILL SHOTT USA
48.40 REG RICHARDSON USA
51.94 JIM MCDIARMID CAN
54.50 L. DAVOGLIO ITA
56.90 ALBERT GILSDORF USA
58.46 B. COLQUHOUN AUS
1:00.10 FRANK TAYLOR CAN
1:05.60 WILL OSSA USA
1:14.84 G. COZINS AUS

100 M. BRST

2:12.08 A. BURGOYNE AUS
2:14.93 ALBERT GILSDORF USA
2:30.83 WILL OSSA USA
3:26.10 F. GALINDO AUS

200 M. BRST

4:20.91 BILL SHOTT USA
4:23.91 F. GRIFFITHS AUS
5:08.04 ALBERT GILSDORF USA

50 M. FLY

55.40 JOE IRVINE USA
1:03.20 FRANK STARR CAN
1:15.32 B. COLQUHOUN AUS

100 M. I.M.

1:53.38 JOE IRVINE USA
1:54.49 F. GRIFFITHS AUS
2:05.30 L. DAVOGLIO ITA
2:20.39 FRANK TAYLOR CAN
2:26.14 B. COLQUHOUN AUS
2:28.10 J. ROGERS AUS

200 M. I.M.

4:03.39 BILL SHOTT USA

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M E N 80-84
****

50 M. FREE

43.01 FRANK TAYLOR CAN
45.79 GUS LANGNER USA
54.55 JOE KAUFMAN USA
55.31 J ALLEN NZL

100 M. FREE

1:00.80 JIM BURNS USA
1:03.15 WILLIAM FUTRELL USA
1:33.08 HY GOLDMAN USA

100 M. FREE

1:39.48 FRANK TAYLOR CAN
1:42.85 GUS LANGNER USA
2:12.39 JOE KAUFMAN USA

200 M. FREE

4:05.10 FRANK TAYLOR CAN
4:56.72 JOE KAUFMAN USA

400 M. FREE

7:32.64 GUS LANGNER USA
8:45.10 FRANK TAYLOR CAN

800 M. FREE

15:41.78 GUS LANGNER USA

1500 M. FREE

29:58.32 GUS LANGNER USA

50 M. BACK

55.41 GUS LANGNER USA
59.90 FRANK TAYLOR CAN
1:01.12 H. FOWLER AUS
1:09.59 JOE KAUFMAN USA
1:23.04 WILLIAM FUTRELL USA
1:25.00 JIM BURNS USA

100 M. BACK

2:33.10 JOE KAUFMAN USA

50 M. BRST

1:02.07 FRANK TAYLOR CAN
1:03.51 GUS LANGNER USA
1:13.20 WILLIAM FUTRELL USA
1:20.24 J ALLEN NZL
1:26.10 M. COSTOLI ITA

100 M. BRST

2:31.16 GUS LANGNER USA
2:33.80 E. WALTHER AUS

200 M. BRST

5:16.38 GUS LANGNER USA
5:27.06 E. WALTHER AUS

50 M. FLY

1:32.93 GUS LANGNER USA

100 M. I.M.

2:13.45 FRANK TAYLOR CAN
2:25.56 GUS LANGNER USA

****
M E N 85-89
****

50 M. FREE

52.88 M. COSTOLI ITA

****
M E N 90-94
****

****
M E N 95-99
****

****
M E N 100-104
****

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

AGE 100-119

ADELAIDE AUS 2:08.50

INLAND EMPIRE USA 2:14.72
LINDA CONNELLY
LESLIE ALLAN
ROBIN DURANT
PATTY NOYES

SAN MATEO USA 2:23.14
SUE IVAZES
KATHY KEHOE
SUZIE WHARTON
KIM KROTZ

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

AGE 120-159
INLAND EMPIRE USA 2:15.03
CATHERINE CHAY
CARRIE SLOVER
ELIN ZANDER
SHARON SCHNEIDER
INLAND EMPIRE USA 2:18.10
RENEE VAN WAGONER
DAYLE COYLE
GIA CUMMISK
LORI CLARK
CARINE AUS 2:19.21

GIPPSLAND AUS 2:19.23

INLAND EMPIRE USA 2:19.75
LINDA CONNELLY
LESLEY ALLAN
ROBIN DURANT
SHIRLEY KNOTT
LINCOLN USA 2:21.62
BARB SPIETH
REBECCA PAULEDES
PAM CHENEY
MARY POHLMANN
LEXINGTON USA 2:45.60
DORIS NEUMAN
GAIL O'MALLEY
BETSY CHAPPELL
MEG SMITH

AGE 160-199
LEISURE COAST AUS 2:26.24

INLAND EMPIRE USA 2:35.74
KAY TOMLINSON
JENNIE HAROLD
BECKY HOFFMAN
SANDY BUCKLEY
CENT. FLORDIA USA 2:47.67
CHRIS CAREY
PENNY POTTER
RACHAEL ERWIN
CASSIE SMALL
INLAND EMPIRE USA 2:54.09
SHIRLEY KNOTT
BETTY HANSON
LILLY ANDERSON
ANN WRIGHT
INLAND EMPIRE USA 3:04.18
JEAN BLALOCK
ANN MURPHY
ANN APP
NATALIE CONCIE

AGE 200-239
ADELAIDE AUS 2:43.86

LAKESIDE USA 2:46.32
MARY JANE MULLINS
CAROL FERGUSON
JOYCE VOIT
SHARON RECEVEUR
WARRINGAH AUS 2:58.65

INLAND EMPIRE USA 3:06.18
MARIAH CLARKE
PEGGY EVERETT
MILDRED WOLTERS
PAT CHOISSER
SHARKS USA 3:15.59
Y. FRISCHERTZ
MILDRED VALLAS
KATHLEEN PILIE
PATRICIA ARNOLD

AGE 240-279
NORTH LODGE AUS 2:40.84

****

RELAYS: WOMEN 200 M. MEDLEY
****
AGE 100-119
SAN DIEGO USA 2:20.92
CATHY NEVILLE
DAWN CARLSON
BARBARA DUNBAR
DIANA DOLAN-EVANS
OKLAHOMA USA 2:24.80
LOUISE CLEARY
JANET LATHAM
LISA GRIFFIN
ANITA WALKER
INLAND EMPIRE USA 2:32.04
ROBIN DURANT
PATTY NOYES
LINDA CONNELLY
LESLIE ALLAN

AGE 120-159
POWERPOINTS AUS 2:26.15

INLAND EMPIRE USA 2:33.31
CARRIE SLOVER
SHARON SCHNEIDER
HEATHER DEWITT
CATHERINE CHAY
INLAND EMPIRE USA 2:34.55
ROBIN DURANT
SHIRLEY KNOTT
LINDA CONNELLY
LESLEY ALLAN
INLAND EMPIRE USA 2:37.94
DIANE ROTHENBERG
ESTER KOCH
SANDY BUCKLEY
BECKY HOFFMAN
ADELAIDE AUS 2:38.65

INLAND EMPIRE USA 2:45.02
PATTI SEEBECK
ELIN ZANDER
ROBYN RICHARDS
SUE DURKIN
INLAND EMPIRE USA 2:46.45
JOAN NESLUND
J. GALBRAITH
LORI CLARK
DAYLE COYLE
LEXINGTON USA 3:03.20
GAIL O'MALLEY
DORIS NEUMAN
MEG SMATH
BETSY CHAPPELL
INLAND EMPIRE USA 3:31.18
CAROLYN DICKSON
MARRIANNE SHIELDS
OPAL OLSON
DEBRA JANZEN

AGE 160-199
WEST COAST AUS 2:51.18

DONCASTER AUS 2:53.90

LEISURE COAST AUS 3:03.84

INLAND EMPIRE USA 3:18.70
BETTY HANSON
LILLY ANDERSON
SHIRLEY KNOTT
ANN WRIGHT
INLAND EMPIRE USA 3:35.95
JEAN BLALOCK
ANN MURPHY
ANN APP
NATALIE CONCIE
INLAND EMPIRE USA 3:51.48
JANA SHAW
KITTY TOMINEY
MARILYN SISCO
SUNNY NELSON

AGE 200-239
SAN DIEGO USA 2:44.85
BETSY JORDAN
ALICIA COLEMAN
ADRIENNE PIPES
JANET LAMOTT
LAKESIDE USA 3:28.25
MARY JANE MULLINS
CAROL FERGUSON
JOYCE VOIT
SHARON RECEVEUR
CENT. FLORDIA USA 3:37.66
CHRIS CAREY
MARTHA PARNELL
CASSIE SMALL
RACHAEL ERWIN
INLAND EMPIRE USA 4:09.82
MILDRED WOLTERS
PAT CHOISSER
MAUREEN SCHMAHL
PEGGY EVERETT
INLAND EMPIRE USA 5:03.31
ANNIE MCKENZIE
JAN BAKER
MARIAH CLARKE
ST.MODONNA BUDER
****
RELAYS: M E N 200 M. FREE
****
AGE 100-119
GIPPSLAND AUS 1:49.19

ANDERSON USA 1:50.17
STAN FRIED
KEVIN NEWTON
JOHN PLISCO
HERB STEVENS
OREGON USA 1:57.74
MIKE WARREN
JIM BENDIS
MICHAEL DOUGLAS
PAUL SMITH
INLAND EMPIRE USA 2:02.12
DARIN DONALDSON
ROGER COBURN
MICHAEL BORGMAN
NORMAN REID
INLAND EMPIRE USA 2:07.78
DON STORY
STEVE PICERNE
PAT MCCHESNEY
TIM O'KEEFE

AGE 120-159
INLAND EMPIRE USA 1:48.19
SCOTT CROWDER
RANDY WILLIS
SCOTT NEUHAUS
RICH ADAMS
STROH'S USA 1:50.98
ED MILLER
DAVID BRIGGS
TOM YOUNGER
TOM MORAN
EMPIRE USA 1:52.29
STEVE SOKOLOW
DEAN MORRIS
MIGUE CASTRO
ABRAHAM MELAMED
INLAND EMPIRE USA 1:55.78
TIM O'KEEFE
DON STORY
JOE KINNEY
JERRY SCHEIBNER
CHARLESTON USA 1:58.26
GEORGE FISETTE
SCOTT GUTHRIE
DAVID PARLER
SCOTT RICHARDS
HAWKEYE USA 1:59.47
RAMSEY VAN HORN
RUSS WALKER
RAY MERNAUGH
RICK STUCK
INLAND EMPIRE USA 2:01.64
DOUG WILLIAMS
NEIL ROMNEY
TIM BURNHAM
GARY CUMMISK
ANDERSON USA 2:02.25
STEWART TEDFORD
JOHN MELTON
JOE KOVAZ
STEPHEN CRAWFORD
SYLVANIA USA 2:05.49
TOM BRUCE
JIM BAEHREN
ROGER SHAMBAUGH
JIM DONALDSON
CLRWATER LARGO USA 2:05.97
BOB NICHOLS
JOE BIONDI
MIKE KLINE
JIM STINE

AGE 160-199
OREGON USA 1:55.57
DONALD SMITH
BERT PETERSEN
BRIAN LANGLAIS
ROBERT SMITH
TAMWORTH AUS 1:58.18

EMPIRE USA 2:05.16
CARLO ORMANDY
DAVID JAMES
MIKE ROSS
FOSTER DE JESUS
EMPIRE USA 2:07.50
PAUL MICHAEL
PETER CAMERON
MARK CATAN
PETER HEOTIS
EMPIRE USA 2:08.69
BERNIE SENGSTOCK
JOE BOLZE
RON MUGAVIN
OZWALD KAPP
CENT. FLORDIA USA 2:10.94
MATT MCDONALD
STEVE HUMMER
NORMAN SKJERSA
ROBERT SCOTT
INLAND EMPIRE USA 2:15.25
RENE COMEAUX
JOHN BLAOCK
CHANNON MURPHY
DAVID DABOLL
INLAND EMPIRE USA 2:16.33
ERNIE BRENNECKE
JOE NAIDEN
DARRYL KNOTT
GORDON KEZELE
LAKESIDE USA 2:19.53
WILLIAM TINGLEY
DAVID CANNON
CHRIS RIVERS
RICHARD SCHEU
INLAND EMPIRE USA 2:19.54
ELBRIDGE PUCKETT
MICHAEL DAVIS
DAVID ZANDER
DON STORY

AGE 200-239
OREGON USA 2:10.36
STEVE BARRETT

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

GILBERT YOUNG
HUGH RICHARDS
BERT PETERSEN
CARINE AUS 2:13.50

D.BOWER'S BOLTS USA 2:24.51
DICK BOWER
MIKE OFFNER
R. RODRIGUE
GEDGE GAYLE
INLAND EMPIRE USA 2:25.50
CLARKE THOMPSON
MARK SNYDER
ROSS BORNFLETH
PAUL BORG
INLAND EMPIRE USA 2:28.13
BILL DAVIES
BOB OLSON
BILL ODMAN
DICK HAUNSCHILD
INLAND EMPIRE USA 2:37.31
AIBREY DODD
JIM DUKELOW
WILFRED PICKLES
JACK GRIFFIN
INLAND EMPIRE USA 2:40.23
JAY BEELER
DAVID CONNELLY
CRAIG BRACE
PHIL BROWN

AGE 240-279
EMPIRE USA 2:36.98
JAMES PITTS
ART TEBBINS
JAMES BURNS
ANDY IANARELLA
EMPIRE USA 2:42.08
JACK KEEFE
JAMES FORBES
ROBERT METH
EDWIN MORTIMER
MARION AUS 2:45.07

****
RELAYS: M E N 200 M. MEDLEY
****
AGE 100-119
ANDERSON USA 2:05.07
HERB STEVENS
STAN FRIED
KEVIN NEWTON
JOHN PLISCO
GIPPSLAND AUS 2:05.48

INLAND EMPIRE USA 2:34.13
DON STORY
STEVE PICERNE
CHANNON MURPHY
TIM O'KEEFE

AGE 120-159
SYLVANIA USA 2:08.40
JIM BAEHREN
JIM BERTZ
DON BAKER
JOHN HENSON
ADELAIDE AUS 2:08.63

EMPIRE USA 2:16.39
RON WITTLOCK
TOSMI SUGAMA
PETER HEOTIS
MARK CATAN
INLAND EMPIRE USA 2:17.40
DON STORY
TIM O'KEEFE
JOE KINNEY
DAVID ZANDER
INLAND EMPIRE USA 2:17.42
GARY CUMMISK
DOUG WILLIAMS
NEIL ROMNEY
TIM BURNHAM
SNAKE RIVER USA 2:19.94
MARK FINKE
ERIC RIDGWAY
GARY JOHNSON
PHIL CODD
HAWKEYE USA 2:20.76
RICK STUCK
RAY MERNAUGH
RAMSEY VAN HORN
RUSS WALKER
INLAND EMPIRE USA 2:22.22
DARIN DONALDSON
JOHN HENDERSON
ROGER COBURN
MICHAEL BORGMAN
ANDERSON USA 2:23.57
PAUL WARD
STEWART TEDFORD
JOE KOVAZ
TOMMY DRAWDY
CENT. FLORDIA USA 2:24.69
HARRIS ROSEN
MATT MCDONALD
RICK HALL
MARTIN BERNSTEIN

AGE 160-199
OREGON USA 2:12.81
MARK SCHWYHART
ROBERT SMITH
BERT PETERSEN
BRIAN LANGLAIS
POWERPOINTS AUS 2:13.50

LAKESIDE USA 2:25.88
WILLIAM TINGLEY
DAVID CANNON
CHRIS RIVERS
RICHARD SCHEU
INLAND EMPIRE USA 2:27.92
RENE COMEAUX
DAVID DABOLL
JOHN BLAOCK
DOUG MEYERS
EMPIRE USA 2:48.65
ED MICCA
BERNIE SENGSTOCK
JIM DESIMONE
TOM PARROTT
INLAND EMPIRE USA 2:57.13
CHANNON MURPHY
MICHAEL DAVIS
DAVID ZANDER
CRAIG BRACE
INLAND EMPIRE USA 3:05.23
JOHN NAIDEN
ERNIE BRENNECKE
MARK SNYDER
DARRYL KNOTT

AGE 200-239
SAN DIEGO USA 2:14.27
BILL EARLEY
LLOYD SKRAMSTAD
DAVE DRUM
KEN KIMBALL
TOLEDO YMCA USA 2:30.12
DENNIS THAYER
DAVE BARNES
BILL HAMILTON
CARL DORCUS
OREGON USA 2:31.82
GILBERT YOUNG
HUGH RICHARDS
BERT PETERSEN
STEVE BARRETT
EMPIRE USA 2:35.38
RON MUGAVIN
JOE BOLZE
ART TEBBINS
JAMES PITTS
BLUE ASH Y USA 2:37.78
BOB WILLIAMS
ED LEVEY
D. CHISHOLM
BOB KOENIG
GIPPSLAND AUS 2:40.23

ST.PETERSBURG USA 2:48.44
FRANK TILLOTSON
RAU BURNS
HAROLD FERRIS
ART FRIEDLAND
INLAND EMPIRE USA 3:00.59
CLARKE THOMPSON
MARK SNYDER
ROSS BORNFLETH
PAUL BORG
INLAND EMPIRE USA 3:01.75
ELBRIDGE PUCKETT
CHASE COPELAND
DAVID DABOLL
JAY BEELER
EL CAMINO USA 3:07.26
GARY MCDOWELL
JOHN ZUPON
DENNIS MCNULTY
LARRY MCNULTY

AGE 280-319
LONG BEACH USA 2:49.78
TOM LIND
WOODY BOWERSOCK
JACK GARNAUS
BILL SHOTT
****
RELAYS: MIXED 200 M. FREE
****
AGE 100-119
EMU AUS 1:52.97

NORTH SYDNEY AUS 1:56.21

WARRINGAH AUS 1:56.99

TOWNSVILLE AUS 1:58.57

BRISBANE SOUTH AUS 1:58.63

INLAND EMPIRE USA 2:02.73
DARIN DONALDSON
MICHAEL BORGMAN
LESLIE ALLAN
LINDA CONNELLY
BREVARD USA 2:04.73
PAM BIEGERT
KRISTY SPILGER
PATRICK CURETON
RALPH LOTSPEICH
INLAND EMPIRE USA 2:23.56
DON STORY
ROBERTA SCHMITZ
BOB HENAGER
JOY HARMON

AGE 120-159
ST LOUIS USA 1:59.06
JEANNE HANISCH
SUSAN RICHMOND
GEORGE ROLBY
LEO LETENDRE
WARRINGAH AUS 2:03.01

INLAND EMPIRE USA 2:04.25
DAVID ZANDER
ELIN ZANDER
ROBYN RICHARDS
JOE KINNEY
CENT. FLORDIA USA 2:09.08
KAREN HEMSLEY
ANNE EASTERLING
GARY MATYKO
LARRY PECK
NEWMAN UPTOWN USA 2:09.83
CANDACE LANG
SUSU KEARNEY
STEVE EMLIN
GERALD VETTER
WISCONSIN USA 2:13.65
ROB WATSON
EDITH JACOBSEN
ROBIN SAVAGE
DAVID HACKERT
CENT. FLORDIA USA 2:22.22
CASSIE SMALL
STEVE HUMMER
CHRIS CAREY
MARTIN BERNSTEIN
INLAND EMPIRE USA 2:22.89
NORMAN REID
JOHN NAIDEN
PATTY NOYES
ROBIN DURANT
OREGON USA 2:25.33
D.WAYNE BAKER
RICHARD RIESS
JEAN MCFARLANE
KAREN ROACH
TRIAD MASTERS USA 2:32.03
JIM WYNN
NAN WARD
BILL WARD
PEGGY BUTLER

AGE 160-199
LEISURE COAST AUS 2:07.16

WEST COAST AUS 2:09.31

INLAND EMPIRE USA 2:10.29
J. GALBRAITH
BOB GREGSON
LORI CLARK
DOUG WILLIAMS
CARINE AUS 2:12.08

WISCONSIN USA 2:14.98
PAUL JONETH
BARBARA GREENMAN
NANCY KRANPITZ
DICK PITMAN
EMPIRE USA 2:26.32
FREYDA FAIVUS
JANE ALPERT
V. CAPOBIANCO
TOM CRACARIA
INLAND EMPIRE USA 2:27.50
ELBRIDGE PUCKETT
MICHAEL DAVIS
HEATHER DEWITT
ELIN ZANDER
INLAND EMPIRE USA 2:36.34
SHIRLEY KNOTT
ANN WRIGHT
ERNIE BRENNECKE
LESLIE BORNFLETH
WISCONSIN USA 2:51.27
MIKE LAABS
MAISIE SCIBORSKI
BETTY KENDALL
MARTIN ZENS

AGE 200-239
D.BOWER'S BOLTS USA 2:33.70
DICK BOWER
VICKIE BUCCINO

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1986

ROSE KARIKER
BOB RIEMERS
ST.TAMMANY USA 2:40.37
REA MANN
DOUG HOLMES
JAYNE LAMBKE
BILL BABCOCK
INLAND EMPIRE USA 2:46.88
CLARK THOMPSON
MARK SNYDER
LILLY ANDERSON
BETTY HANSON
WISCONSIN USA 2:54.88
JOHN BAUMAN
CONNIE GUIST
FRAN ZEUMER
FRANK FELD
CENT. FLORDIA USA 2:56.06
RICK HALL
MARTHA PARNELL
RACHAEL ERWIN
HARRIS ROSEN
INLAND EMPIRE USA 3:27.00
MAUREEN SCHMAHL
MARIAH CLARKE
CRAIG BRACE
CHANNON MURPHY
EMPIRE USA 3:29.24
PAT FARNSWORTH
DAISY KLEIN
LOUIS KLEIN
ALEX MOSKOWITY

AGE 240-279
MELVILLE AUS 2:58.73

AGE 280-319
NORTH LODGE AUS 2:49.50

INGLEWOOD AUS 3:07.17

****
RELAYS: MIXED 200 M. MEDLEY
****
AGE 100-119
STROH'S USA 2:06.55
PATRICIA MORAN
DAVID BRIGGS
TOM YOUNGER
MARY PALKER
CHARLESTON USA 2:10.42
SCOTT RICHARDS
DAVID PARLER
JUDITH KATTERMAN
KATIE MCNAMARA
GIPPSLAND AUS 2:12.41

INLAND EMPIRE USA 2:18.70
LESLEY ALLAN
LINDA CONNELLY
BRIAN MCGUIRE
DARIN DONALDSON
BREVARD USA 2:27.80
PAM BIEGERT
PATRICK CURETON
RALPH LOTSPEICH
KRISTY SPILGER

AGE 120-159
EMPIRE USA 2:18.25
KAREN FARNSWORTH
FOSTER DE JESUS
ABRAHAM MELAMED
GWEN DEELY
COOGEE-RANDWICK AUS 2:19.15

OREGON USA 2:19.88
ROBERT SMITH
SANDI ROUSSEAU
MARK SCHWYHART
SUSAN ALBRIGHT
CAMPBELLTOWN AUS 2:21.19

INLAND EMPIRE USA 2:21.54
CARRIE SLOVER
TIM O'KEEFE
CATHERINE CHAY
JERRY SCHEIBNER
CHARLESTON USA 2:22.57
JAN PESAVENTO
SCOTT GUTHRIE
MARY DOWLEN
GEORGE FISETTE
CENT. FLORDIA USA 2:25.66
KAREN HEMSLEY
LARRY PECK
KURT WICKIZER
ANGELA DICKEY
CLRWATER LARGO USA 2:34.70
JOE BIONDI
LINDA BLUME
BARBARA KOEPP
BOB NICHOLS
OREGON USA 2:35.45
MIKE WARREN
KATHY IMWALLE
PAUL SMITH
B.J. SULLIVAN
WISCONSIN USA 2:37.12
ROBIN SAVAGE
EDITH JACOBSEN
ROB WATSON
DAVID HACKERT

AGE 160-199
OREGON USA 2:13.41
ROBERT SMITH
CATHY IMWALLE
BERT PETERSEN
SANDI ROUSSEAU
CENT. FLORDIA USA 2:16.32
HARRIS ROSEN
TED DIPPY
ANNE EASTERLING
CASSIE SMALL
WISCONSIN USA 2:28.87
NANCY KRANPITZ
BARBARA GREENMAN
DICK PITMAN
PAUL JONETH
EMPIRE USA 2:35.78
JANE
CHRISTINE ZIMMET
BERNARD GUTTILLA
JAMES JOHNSEN
INDUSTRY HILLS USA 2:36.30
KAREN RUBIN
LEE ARTH
JERRY RICHARDS
JANET ROYER
INLAND EMPIRE USA 2:45.17
ANN APP
DAVID DABOLL
JOE KINNEY
ANN MURPHY
INLAND EMPIRE USA 2:50.69
RICK PIPER
JENNIE HAROLD
DANSY BUCKLEY
GAIL SHAW
INLAND EMPIRE USA 3:34.66
MAUREEN SCHMAHL
MICHAEL DAVIS
DAVID ZANDER
PAT CHOISSER

AGE 200-239
WARRINGAH AUS 2:46.34
SAN DIEGO USA 2:53.00
DIANA SILVA
FRANCESCA CONDON
GORDON GILLIN
DAVE LAMOTT
INLAND EMPIRE USA 3:20.87
AIBREY DODD
JANE PICKLES
JACK GRIFFIN
MARK SNYDER

AGE 240-279
MANLY AUS 3:02.07

OSBORNE PARK AUS 3:13.75

WISCONSIN USA 3:35.46
FRANK FELD
JOHN BAUMAN
MAISIE SCIBORSKI
BETTY KENDALL
INLAND EMPIRE USA 4:12.32
PEGGY EVERETT
ELBRIDGE PUCKETT
MARIAH CLARKE
JAY BEELER

AGE 280-319
NORTH LODGE AUS 3:11.32

INGLEWOOD AUS 4:05.18

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