FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

WOMEN 25-29

50 M. FREE

26.65	MICHELLE CHOW	USA
27.57	KAORI YANASE	JPN
27.67	ANDREA SCHLOEGL	CAN
27.92	SARAH GARRETT	GBR
27.96	SASKIA MINNEN	NED
27.97	CHANTAL ROULEAU	CAN
28.08	JUNKO NAKANO	JPN
28.11	JOANNE MINION	GBR
28.12	SUSAN JONES	USA
28.21	PATRICIA ABT	USA
28.21	JACKIE THOMPSON	GBR

100 M. FREE

1:00.04	SARAH GARRETT	GBR
1:00.43	SASKIA MINNEN	NED
1:01.22	JACKIE THOMPSON	GBR
1:01.25	SALLY DEARDEN	GBR
1:01.32	KAORI YANASE	JPN
1:01.35	SOPHIE PLANTE	CAN
1:01.74	JENNIFER WILLIS	USA
1:01.78	JUDITH HEIJDENS	NED
1:01.89	DOROTHEA PIELKE	GER
1:01.96	JOANNE MINION	GBR

200 M. FREE

2:11.80	KAREN MELLOR	GBR
2:13.58	CHANTAL DUCK	BEL
2:13.82	F.HARDER-NYDEGGER	SUI
2:14.05	JENNY DAVIES	GBR
2:14.20	LORRAINE MONTFORD	GBR
2:15.59	S. PALMER WHITE	AUS
2:15.88	SHELLY SCHAFER	USA
2:16.20	REBECCA SMART	GBR
2:16.46	JENNIFER WILLIS	USA
2:16.80	DOROTHEA PIELKE	GER

400 M. FREE

4:37.35	KAREN MELLOR	GBR
4:39.59	CHANTAL DUCK	BEL
4:40.72	SASKIA MINNEN	NED
4:40.99	ANN CHRISTIANSEN	GER
4:41.42	ELKE HAGEDORN	GER
4:41.72	S. PALMER WHITE	AUS
4:41.78	SABINE SCHACKE	NED
4:41.96	NIKKI GORDON	GBR
4:44.58	SUSIE RABIAH	USA
4:45.74	JENNY DAVIES	GBR

800 M. FREE

9:36.96	ANN CHRISTIANSEN	GER
9:42.44	ELKE HAGEDORN	GER
9:54.40	JULIE SARKIN	USA
9:55.99	TAMMY VAN WISSE	AUS
9:56.45	BIRGIT JENSEN	NOR
10:01.02	CAROLYN GRAVES	USA
10:09.29	FIONA STRANG	NZL
10:11.83	LYNNE LEE	GBR
10:18.79	A.NORRENBERG	GER
10:23.76	AMY DANTZLER	USA

1500 M. FREE

18:03.16	CHANTAL DUCK	BEL
18:33.90	ELKE HAGEDORN	GER
18:34.46	KRISTIN EKSTROM	NOR
18:58.99	TAMMY VAN WISSE	AUS
19:18.30	FIONA STRANG	NZL
19:45.44	GILLIAN FUCIGNA	USA
19:56.95	NANCY STERN	USA
19:58.06	TERESA BUCHIGNANI	CAN
20:07.62	AMY DANTZLER	USA
20:09.90	AYAKO ONO	JPN

50 M. BACK

31.80	MARJA ENGEL	NED
31.95	HIROKO TAKUWA	JPN
32.16	HELEN PRATT	GBR
32.26	SATOMI TERASHIMA	JPN
32.28	JENNIFER WILLIS	USA
32.38	SOPHIE PLANTE	CAN
32.58	CHRISTINE HOLMAN	USA
32.88	CAROL-ANN WILSON	GBR
32.89	JUNKO NAKANO	JPN
32.90	FRANCESCA CASANO	ITA

100 M. BACK

1:07.20	HIROKO TAKUWA	JPN
1:07.64	SARAH GARRETT	GBR
1:08.80	SOPHIE PLANTE	CAN
1:09.66	BIRGITTE KORBO	DEN
1:09.74	SABINE SCHACKE	NED
1:09.74	JENNIFER WILLIS	USA
1:10.49	DOROTHEA PIELKE	GER
1:10.53	KRISTY SALMON	CAN
1:10.72	HELEN PRATT	GBR
1:11.21	CAROL-ANN WILSON	GBR

200 M. BACK

2:27.70	SABINE SCHACKE	NED
2:29.24	SOPHIE PLANTE	CAN
2:30.10	BIRGITTE KORBO	DEN
2:31.25	SUSAN JONES	USA
2:32.60	R.LANZAROTTI	ITA
2:32.78	JULIE GIBSON	GBR
2:33.57	KRISTY SALMON	CAN
2:34.89	KRISTIN EKSTROM	NOR
2:35.65	COLLEEN PATTERSON	CAN
2:37.68	LUCIE TURCOTTE	CAN

50 M. BRST

34.00	ANNAICK SCHWEIZER	SUI
34.87	LOUISE KEOGH	USA
35.11	JOANNE MINION	GBR
35.53	TOMOMI MIYAZONO	JPN
35.89	MARTINA GELHAR	GER
36.10	DANIELA DE PONTI	ITA
36.14	LUCIE TURCOTTE	CAN
36.40	HAYLEY BIRD	GBR
36.67	MATHILDE BOUWMA	USA
36.73	E.MALKEMUS	USA

100 M. BRST

1:15.18	LOUISE KEOGH	USA
1:15.76	JACKIE THOMPSON	GBR
1:16.24	JOANNE MINION	GBR
1:16.37	SARAH GARRETT	GBR
1:18.32	E.MALKEMUS	USA
1:19.17	LUCIE TURCOTTE	CAN
1:19.60	A.BERTACCHE	ITA
1:19.68	NORIKO ONODERA	JPN
1:19.74	INS KIPAR	GER
1:19.89	DOROTHEA PIELKE	GER

200 M. BRST

2:40.90	LOUISE KEOGH	USA
2:41.40	ANNAICK SCHWEIZER	SUI
2:43.42	JACKIE THOMPSON	GBR
2:45.04	SARAH GARRETT	GBR
2:50.43	BARBARA KEHBEIN	GER
2:51.23	E.MALKEMUS	USA
2:51.29	SUSANNE KUPER	GER
2:52.21	MATHILDE BOUWMA	USA
2:53.68	ANDREA NORRIS	GBR
2:57.09	SUSANNE HEIM	GER

50 M. FLY

29.37	MICHELLE CHOW	USA
29.90	JACKIE THOMPSON	GBR
30.43	SASKIA MINNEN	NED
30.59	NIKKI GORDON	GBR
30.68	SYLVIA BUXTON	CAN
30.78	ANDREA SCHLOEGL	CAN
30.80	LAURA MONTALBETTI	ITA
30.83	NICOLA MURRAY	GBR
30.85	SABINE SCHACKE	NED
31.03	SUSAN JONES	USA

100 M. FLY

1:05.24	JACKIE THOMPSON	GBR
1:07.60	NIKKI GORDON	GBR
1:08.15	SASKIA MINNEN	NED
1:08.37	LORRAINE MONTFORD	GBR
1:08.63	SABINE SCHACKE	NED
1:08.70	DANIELA DE PONTI	ITA
1:08.85	JULIE GIBSON	GBR
1:08.96	KRISTY SALMON	CAN
1:09.11	SYLVIA BUXTON	CAN
1:09.39	NICOLA MURRAY	GBR

200 M. FLY

2:23.30	JACKIE THOMPSON	GBR
2:25.07	S. PALMER WHITE	AUS
2:25.76	BARBARA KEHBEIN	GER
2:26.33	NIKKI GORDON	GBR
2:26.85	LORRAINE MONTFORD	GBR
2:29.08	J.CRESSWELL	GBR
2:29.45	JOANNE HARRIS	AUS
2:30.02	PATRICIA AMORIM	BRA
2:32.37	CHANTAL LEMIEUX	CAN
2:33.66	KRISTIN EKSTROM	NOR

100 M. I.M.

1:07.48	SARAH GARRETT	GBR
1:09.18	SABINE SCHACKE	NED
1:09.44	SOPHIE PLANTE	CAN
1:09.50	JOANNE MINION	GBR
1:10.39	DOROTHEA PIELKE	GER
1:10.49	JENNIFER WILLIS	USA
1:10.50	DANIELA DE PONTI	ITA
1:11.08	LUCIE TURCOTTE	CAN
1:11.22	JENNY DAVIES	GBR
1:11.37	ANNE BECKER	BEL

200 M. I.M.

2:25.45	SARAH GARRETT	GBR
2:28.92	JACKIE THOMPSON	GBR
2:29.81	SOPHIE PLANTE	CAN
2:30.45	SABINE SCHACKE	NED
2:31.34	JOANNE MINION	GBR
2:31.35	CORNELIA BLEUL	GER
2:32.58	JENNIFER WILLIS	USA
2:34.17	LEIGH TOWNSEND	AUS
2:34.50	KRISTY SALMON	CAN
2:34.69	NIKKI GORDON	GBR

400 M. I.M.

5:15.75	SARAH GARRETT	GBR
5:21.63	JOANNE MINION	GBR
5:28.50	ELIZABETH MARESCA	USA
5:28.66	S. PALMER WHITE	AUS
5:28.83	NIKKI GORDON	GBR
5:29.75	REBECCA SMART	GBR
5:33.86	DANIELA DE PONTI	ITA
5:34.79	JILL KEENAN	USA
5:37.06	ANDREA NORRIS	GBR
5:37.44	ANNE BECKER	BEL

WOMEN 30-34

50 M. FREE

26.70	LINDA HEMMLING	GER
27.15	KARLYN PIPES	USA
27.27	CAROL CARR	USA
27.90	VICKY DAVIDSON	USA
28.24	KATHY STEELE	USA
28.28	LYNN MARSHALL	CAN
28.33	KRISTIN HENDERSON	USA
28.39	A.KRAUS-MAAS	GER
28.40	CAROL GALIMBERTI	ITA
28.40	INGRID LAWRENCE	USA

100 M. FREE

59.33	KARLYN PIPES	USA
1:00.26	INEKE HOND-RAN	NED
1:00.91	LYNN MARSHALL	CAN
1:01.99	A.KRAUS-MAAS	GER
1:02.06	INGRID LAWRENCE	USA
1:02.23	DONNA HEINEL	USA
1:02.29	MARION LOSCH	GER
1:02.60	LAURA MONTALBETTI	ITA
1:02.79	ANGELIKA SCHULTE	GER
1:03.35	VICKY DAVIDSON	USA

200 M. FREE

2:06.64	KARIN SEICK	GER
2:07.35	KARLYN PIPES	USA
2:08.86	BETH KNIGHT	USA
2:11.39	LYNN MARSHALL	CAN
2:11.44	REBECCA PERROTT	NZL
2:12.35	KAREN BURTON	USA
2:16.70	BARBARA MILANESE	USA
2:17.45	KAREN RICHARDSON	GBR
2:18.37	INGRID LAWRENCE	USA
2:19.48	DONNA HEINEL	USA

400 M. FREE

4:32.71	KAREN BURTON	USA
4:34.00	LYNN MARSHALL	CAN
4:39.70	REBECCA PERROTT	NZL
4:47.79	CHRISRIANE PIELKE	GER
4:53.18	DIANE BRADES	GBR
4:54.56	A.LANDMETERS	BEL
4:55.20	LAURA MONTALBETTI	ITA
4:55.61	LYNN FISCHER	USA
4:55.74	BRIDGET YOUNG	GBR
4:56.32	SUE GOSLING	GBR

800 M. FREE

9:20.52	LYNN MARSHALL	CAN
10:08.38	AMY POPE	USA
10:09.04	DENISE WARE	USA
10:11.11	DIANE BRADES	GBR
10:13.78	MARIE-H. CHARLAP	USA
10:17.48	ANGELA GORGE	GBR
10:18.81	CINDY CLEMENTS	USA
10:19.44	MAUREEN JONES	USA
10:20.34	IRENE VD LAAN	NED
10:24.32	SHARON BLAHA	USA

1500 M. FREE

17:23.60	KAREN BURTON	USA
17:42.70	LYNN MARSHALL	CAN
18:49.56	BARBARA MILANESE	USA
18:58.65	AMY POPE	USA
19:04.56	S.MUNATONES	USA
19:09.96	ANITA IRONS	USA
19:28.50	BELINDA DONALDSON	NZL
19:28.71	IRENE VD LAAN	NED
19:35.28	FRANCOISE THEATE	BEL
19:37.64	MARCIA CLEVELAND	USA

50 M. BACK

30.94	HELEN JAMESON	GBR
31.52	KARLYN PIPES	USA
31.76	ANDREA DEVUONO	USA
32.44	LOIS DAIGNEAULT	CAN
32.50	CAROL GALIMBERTI	ITA
32.69	INGRID LAWRENCE	USA
32.97	VICKY DAVIDSON	USA
32.99	KAREN ANDREWS	USA
33.07	KATE MOORE	CAN
33.39	IRINEL SOPTIREAN	GER

100 M. BACK

1:05.07	KARLYN PIPES	USA
1:06.69	ANDREA DEVUONO	USA
1:07.14	HELEN JAMESON	GBR
1:10.92	LOIS DAIGNEAULT	CAN
1:11.22	SHEILA MORTELL	USA
1:11.80	MASAMI HIGURASHI	JPN
1:11.81	CAROL GALIMBERTI	ITA
1:12.07	VICKY DAVIDSON	USA
1:12.40	LYNN MARSHALL	CAN
1:12.64	MICHELLE DOKTER	USA

200 M. BACK

2:18.29	KARLYN PIPES	USA
2:25.31	KARIN SEICK	GER
2:26.00	MASAMI HIGURASHI	JPN
2:28.69	KAREN BURTON	USA
2:29.77	ANDREA DEVUONO	USA
2:31.61	VICKY DAVIDSON	USA
2:33.11	LYNN MARSHALL	CAN
2:35.38	LYNN FISCHER	USA
2:36.07	LOIS DAIGNEAULT	CAN
2:36.26	BRIDGET YOUNG	GBR

50 M. BRST

35.30	LINDA HEMMLING	GER
35.78	TOSHIKO ITAGAKI	JPN
35.90	MONICA CORO	ITA
36.04	KARLYN PIPES	USA
36.59	PETRA HAAS	GER
36.61	MAUREEN MENDOZA	USA
36.75	ANN WALLING	CAN
36.87	MERIT GREAVES	USA
37.30	ROSA KRAUSS	ITA
37.52	SHIRLEY PEACOCK	GBR

100 M. BRST

1:18.29	ROBIN MOLESE	USA
1:18.70	MONICA CORO	ITA
1:19.05	KARLYN PIPES	USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

1:19.58 TOSHIKO ITAGAKI JPN
1:19.64 ROSA KRAUSS ITA
1:20.06 MARTINA HOMEYER GER
1:20.23 MERIT GREAVES USA
1:20.70 ANN WALLING CAN
1:21.34 DIANE HEYDT USA
1:21.49 BRITTA OLSCHOWKA GER

200 M. BRST

2:49.40 ROSA KRAUSS ITA
2:51.80 ROBIN MOLESE USA
2:54.90 MONICA CORO ITA
2:56.32 SUSAN FROMM NZL
2:56.63 KAREN BURTON USA
2:56.71 ANN WALLING CAN
2:57.44 MERIT GREAVES USA
2:58.52 GINA MARIE GATTI USA
2:58.76 DIANE HEYDT USA
2:59.72 INEKE HOND-RAN NED

50 M. FLY

29.80 LINDA HEMMLING GER
30.39 HEIKE HANDEL GER
30.99 DONNA O'DONNELL AUS
31.21 HELEN JAMESON GBR
31.48 CATHY REDSON USA
31.56 KRISTIN HENDERSON USA
31.57 BETH KNIGHT USA
31.62 SHIRLEY PEACOCK GBR
31.75 REBECCA PERROTT NZL
31.79 LESLEY NORTON GBR

100 M. FLY

1:08.15 KARLYN PIPES USA
1:08.86 REBECCA PERROTT NZL
1:09.94 MARGARET MORTELL USA
1:10.18 MICHELLE DOKTER USA
1:10.20 LYNN MARSHALL CAN
1:10.36 A.LANDMETERS BEL
1:10.72 BRIDGET YOUNG GBR
1:10.77 JANET BOWMAN USA
1:11.39 CATHY REDSON USA
1:11.40 CHERYL KUPAN USA

200 M. FLY

2:24.97 KARLYN PIPES USA
2:26.40 JUNE FORD USA
2:29.58 KAREN BURTON USA
2:31.60 A.LANDMETERS BEL
2:31.93 LYNN MARSHALL CAN
2:34.44 REBECCA PERROTT NZL
2:34.80 S.MUNATONES USA
2:35.62 BRIDGET YOUNG GBR
2:37.28 PATTY STARKS USA
2:38.08 STEPHANIE PORTER USA

100 M. I.M.

1:07.26 KARLYN PIPES USA
1:09.93 HELEN JAMESON GBR
1:10.29 ANDREA DEVUONO USA
1:11.78 CATHY REDSON USA
1:11.88 A.KRAUS-MAAS GER
1:12.40 CAROL GALIMBERTI ITA
1:12.45 INEKE HOND-RAN NED
1:12.90 M.V.D'ANDRIA ITA
1:12.94 KAREN BURTON USA
1:13.02 LYNN MARSHALL CAN

200 M. I.M.

2:23.87 KARLYN PIPES USA
2:29.35 ANDREA DEVUONO USA
2:30.00 KAREN BURTON USA
2:31.72 A.KRAUS-MAAS GER
2:33.06 SIAN NIMKOFF USA
2:34.41 LYNN MARSHALL CAN
2:35.39 DONNA HEINEL USA
2:37.42 BRIDGET YOUNG GBR
2:38.05 CATHY REDSON USA
2:38.09 CHERYL KUPAN USA

400 M. I.M.

5:06.19 KARLYN PIPES USA
5:09.81 KAREN BURTON USA
5:20.13 LYNN MARSHALL CAN
5:27.04 ANDREA DEVUONO USA
5:27.19 CHRISTIANE PIELKE GER
5:29.95 ROSA KRAUSS ITA
5:31.28 BRIDGET YOUNG GBR
5:33.22 BARBARA MILANESE USA
5:33.90 S.MUNATONES USA
5:35.00 SUE GOSLING GBR

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

50 M. FREE

26.29 S.NEILSON-BELL USA
27.47 BETH KNIGHT USA
28.49 GINA AGUILAR USA
28.79 ELKE HEIDE GER
29.17 JUDY WOODWARD CAN
29.19 MELINDA SCHMITT USA
29.26 EDIE FISHER CAN
29.43 PAM DRAFTS USA
29.53 ALISON NYE GBR
29.62 SUZANNE NEWELL USA

100 M. FREE

58.66 BETH KNIGHT USA
1:00.79 S.NEILSON-BELL USA
1:03.81 JENNY WHITELEY AUS
1:04.29 ELKE HEIDE GER
1:04.39 JUNE DIES-KEYS CAN
1:04.46 JUDY WOODWARD CAN
1:04.56 DONNA GROENEN AUS
1:04.58 CLAIRE FERGUSON AUS
1:05.09 KARIN MILGER GER
1:05.41 VERITY DOBBIE GBR

200 M. FREE

2:07.74 BETH KNIGHT USA
2:19.25 KATHERINE BRANCH USA
2:20.01 S.NEILSON-BELL USA
2:20.34 JUDY WOODWARD CAN
2:20.55 CLAIRE FERGUSON AUS
2:21.31 VERITY DOBBIE GBR
2:21.95 ESTHER ISEPPI SUI
2:22.80 HEATHER VASSALLO GBR
2:23.87 JANET BOLTON AUS
2:24.10 SUSAN SKIFF USA

400 M. FREE

4:33.17 BETH KNIGHT USA
4:49.29 KATHERINE BRANCH USA
4:51.42 JENNY WHITELEY AUS
4:52.04 ESTHER ISEPPI SUI
4:52.24 GLENISE GALE AUS
4:54.41 B.MORSE-GILLHAM USA
4:55.33 VERITY DOBBIE GBR
4:56.02 JANET BOLTON AUS
4:58.18 JUDY WOODWARD CAN
4:58.23 LINDA BUCHANAN USA

800 M. FREE

9:24.81 BETH KNIGHT USA
10:03.54 GLENISE GALE AUS
10:10.37 NANCY LEWIS USA
10:10.60 ESTHER ISEPPI SUI
10:12.11 LINDA BUCHANAN USA
10:14.66 JANET BOLTON AUS
10:15.45 KAREN FARNSWORTH USA
10:20.48 JENNY WHITELEY AUS
10:26.12 MARY CHRIS CURL USA
10:26.71 NANCY KEMPER USA

1500 M. FREE

17:43.10 BETH KNIGHT USA
19:13.83 KAREN FARNSWORTH USA
19:23.49 JENNY WHITELEY AUS
19:24.96 MARGUERITE MEYER USA
19:45.83 MARY CHRIS CURL USA
19:53.00 LINDA BUCHANAN USA
20:09.09 FIONA CRIBB CAN
20:30.92 CLARE BURNARD NZL
20:38.35 LEANNE HERRIMAN AUS
20:46.30 CAROLYN MCDONALD CAN

50 M. BACK

33.80 KAREN FARNSWORTH USA
34.10 EILEEN RUSSELL GBR
34.24 AROMA MARTORELL BRA
34.27 DIANA SUNDIN SWE
34.27 CAROLE SHIGAKI USA
34.40 HEATHER VASSALLO GBR
34.70 LAURA GORGERINO ITA
34.78 JENNY WHITELEY AUS
34.90 CRISTINA GRUGNI ITA
34.90 JANE ZIEGLER USA

100 M. BACK

1:12.59 KATHERINE BRANCH USA
1:12.99 HEATHER VASSALLO GBR
1:13.27 KAREN FARNSWORTH USA
1:14.41 AROMA MARTORELL BRA
1:15.25 CAROLE SHIGAKI USA
1:15.39 B.MORSE-GILLHAM USA
1:16.14 JANE ZIEGLER USA
1:16.40 CRISTINA GRUGNI ITA
1:16.83 JUNE DIES-KEYS CAN
1:17.00 VALENTINA SALVIA ITA

200 M. BACK

2:31.78 KATHERINE BRANCH USA
2:35.11 KAREN FARNSWORTH USA
2:38.34 B.MORSE-GILLHAM USA
2:42.25 EDIE FISHER CAN
2:44.18 JUNE DIES-KEYS CAN
2:44.49 CAROLE SHIGAKI USA
2:45.03 MARILYN EARLY USA
2:46.83 CATHY MILLIGAN CAN
2:47.03 HEATHER VASSALLO GBR
2:47.10 HELEN ANDREW ITA

50 M. BRST

36.29 VERITY DOBBIE GBR
36.57 LISA BENNETT USA
36.68 LINDA PHILLIPS GBR
37.15 ALISON NYE GBR
37.30 KAREN MELICK USA
37.51 B.SMEDHT SWE
37.67 BETH KNIGHT USA
37.74 PAIVI LAIROLA FIN
37.78 SHIRLEY CARINE GBR
37.92 A.GLYNNE-JONES GBR

100 M. BRST

1:20.14 VERITY DOBBIE GBR
1:21.53 LINDA PHILLIPS GBR
1:21.76 KAREN MELICK USA
1:21.80 COKIE LEPINSKI USA
1:21.92 KAZUKO AOKI JPN
1:22.09 DAGMAR FRESE GER
1:22.09 AMANDA HEATH GBR
1:22.27 LISA BENNETT USA
1:22.35 ALISON NYE GBR
1:22.40 A.GLYNNE-JONES GBR

200 M. BRST

2:51.15 KAREN MELICK USA
2:52.16 SYL TIMMERMANS NED
2:53.58 VERITY DOBBIE GBR
2:53.90 GLENISE GALE AUS
2:55.11 AMANDA HEATH GBR
2:55.33 LINDA PHILLIPS GBR
2:58.75 COKIE LEPINSKI USA
2:59.90 A.GLYNNE-JONES GBR
3:00.66 LISA BENNETT USA
3:01.91 CAROLE SHIGAKI USA

50 M. FLY

31.44 BETH KNIGHT USA
31.61 S.NEILSON-BELL USA
32.05 MAGDA CAMPS ESP
32.31 ALISON NYE GBR
32.36 LINDA PHILLIPS GBR
32.36 LORRAINE BETTS GBR
32.37 GINA AGUILAR USA
32.43 ELAINE FINCHAM USA
32.57 SUZANNE NEWELL USA
32.64 LISA BENNETT USA

100 M. FLY

1:09.81 BETH KNIGHT USA
1:11.87 LINDA PHILLIPS GBR
1:12.41 SUSAN SKIFF USA
1:13.00 CLAIRE FERGUSON AUS
1:13.02 SALLY MILLS GBR
1:13.77 S.NEILSON-BELL USA
1:14.01 LORRAINE BETTS GBR
1:14.09 ESTHER ISEPPI SUI
1:14.09 ELKE HEIDE GER
1:14.24 AROMA MARTORELL BRA

200 M. FLY

2:39.97 JENNY WHITELEY AUS
2:41.79 SALLY MILLS GBR
2:42.94 LINDA PHILLIPS GBR
2:43.74 LORRAINE BETTS GBR
2:44.45 CLAIRE FERGUSON AUS
2:46.06 ESTHER ISEPPI SUI
2:52.45 CHRIS MACDONALD CAN
2:55.96 ELIZABETH HODGE AUS
2:57.50 ANN DE PRAETER CAN
3:00.38 JANET BOLTON AUS

100 M. I.M.

1:11.46 BETH KNIGHT USA
1:11.91 S.NEILSON-BELL USA
1:13.37 JUDY WOODWARD CAN
1:13.50 ALISON NYE GBR
1:14.45 VERITY DOBBIE GBR
1:14.49 JUNE DIES-KEYS CAN
1:14.50 AMANDA HEATH GBR
1:14.67 LISA BENNETT USA
1:14.75 SUZANNE NEWELL USA
1:14.77 CAROLE SHIGAKI USA

200 M. I.M.

2:30.87 BETH KNIGHT USA
2:38.07 KAREN FARNSWORTH USA
2:38.08 S.NEILSON-BELL USA
2:38.27 JUDY WOODWARD CAN
2:41.64 JUNE DIES-KEYS CAN
2:42.46 JENNY WHITELEY AUS
2:42.75 ESTHER ISEPPI SUI
2:42.80 CAROLE SHIGAKI USA
2:43.68 AMANDA HEATH GBR
2:44.77 DONNA GROENEN AUS

400 M. I.M.

5:23.30 BETH KNIGHT USA
5:35.34 JUDY WOODWARD CAN
5:40.03 KAREN FARNSWORTH USA
5:40.65 VERITY DOBBIE GBR
5:41.44 B.MORSE-GILLHAM USA
5:52.32 AMANDA HEATH GBR
5:55.42 LORRAINE BETTS GBR
5:59.62 JENNY WHITELEY AUS
6:04.49 CHRIS MACDONALD CAN
6:06.06 ANN DE PRAETER CAN

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

50 M. FREE

27.88 LAURA VAL USA
29.59 CONNY BOER-BUYS NED
29.64 C.NIEUWENHUIS NED
29.74 BONNIE ADAIR USA
29.80 DANIELLE OGIER USA
29.98 KARLENE WISE USA
30.14 R.BRITTINGHAM USA
30.18 REGULA STEIGER SUI
30.37 MARILYN FINK USA
30.66 JANE ZEIGLER USA

100 M. FREE

1:01.33 LAURA VAL USA
1:05.08 DANIELLE OGIER USA
1:05.90 KARLENE WISE USA
1:06.04 CONNY BOER-BUYS NED
1:06.39 DIANA TURNER GBR
1:07.41 CONSOELO GRATER GER
1:07.43 JANYE BALL GBR
1:07.78 C.NIEUWENHUIS NED
1:08.19 NEDRA MOORE USA
1:08.48 MOIRA RUSHTON CAN

200 M. FREE

2:14.59 LAURA VAL USA
2:20.72 DANIELLE OGIER USA
2:27.03 ROSE CUNNINGTON AUS
2:27.82 JANYE BALL GBR
2:28.23 DIANA TURNER GBR
2:28.56 MOIRA RUSHTON CAN
2:30.34 KATHI BULLOCK USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

2:30.58	MELANIE MOCIUN	USA	100 M. BRST			6:01.97	JANYE BALL	GBR	35.69	RACHEL MAYRICK	GBR
2:30.70	BARBARA HALSEY	GBR	1:22.41	DEB WALKER	USA	6:05.19	KATHI BULLOCK	USA	37.08	SUSANA BARKLEY	ESP
2:33.57	GWEN DEELY	USA	1:26.08	DANIELLE OGIER	USA	6:08.85	KARLENE WISE	USA	37.10	BRIGITTE MERTEN	GER
400 M. FREE			1:26.43	CONSOELO GRATER	GER	6:16.62	JOANNE BOWSER	USA	37.19	ELLEN RINKE	GER
4:55.62	DANIELLE OGIER	USA	1:26.78	A.WRIGHT-BELKNAP	USA	6:23.66	ELIN ZANDER	USA	37.24	MIMI FRANK	USA
5:08.12	ROSE CUNNINGTON	AUS	1:27.74	MIEKE VD FLUIT	NED	6:29.72	PAT SARGEANT	USA	38.05	CLARY MUNNS	AUS
5:12.70	KATHI BULLOCK	USA	1:27.99	BARBARA ERLACH	GER	6:35.09	CLAUDIA KOCH	GER	38.39	TAKAKO OOKUBA	JPN
5:15.44	DENISE EVERITT	USA	1:28.56	BRENDA CASEY	AUS	6:42.78	SHERRY KITTRELL	USA	38.52	JILL WHYMAN	GBR
5:15.99	B. CAMPBELL-BURNS	AUS	1:28.70	YOLANDE DUBUISSON	BEL				38.60	N.MIKHAYLOVA	RUS
5:16.68	KARLENE WISE	USA	1:28.79	S.MORCHE-BLOCH	GER	**********			100 M. BACK		
5:16.98	JANYE BALL	GBR	1:29.17	REGULA STEIGER	SUI		WOMEN 45-49		1:16.29	SANDRA O'NEIL	GBR
5:22.86	MELANIE MOCIUN	USA	200 M. BRST			**********			1:20.33	RACHEL MAYRICK	GBR
5:25.04	MOIRA RUSHTON	CAN	3:04.44	MIEKE VD FLUIT	NED	50 M. FREE			1:21.78	MARIANNE BREMS	USA
5:26.05	GWEN DEELY	USA	3:09.11	YOLANDE DUBUISSON	BEL	30.15	SANDRA O'NEIL	GBR	1:23.09	MIMI FRANK	USA
800 M. FREE			3:12.79	CATHY MERRITT	CAN	31.15	SHARON WISE	USA	1:23.29	JILL WHYMAN	GBR
10:10.13	DANIELLE OGIER	USA	3:13.64	CHRISTINE GREGORY	GBR	31.24	JUDY REED	USA	1:23.81	BRIGITTE MERTEN	GER
10:39.32	DENISE EVERITT	USA	3:14.77	DIANE ROTHENBERG	USA	31.65	PATTY THOMPSON	CAN	1:24.53	CLARY MUNNS	AUS
10:43.21	JANYE BALL	GBR	3:15.34	SALLY SHIELDS	GBR	31.93	ANN LYTTLE	USA	1:24.62	JEANNIE MITCHELL	USA
10:43.99	B. CAMPBELL-BURNS	AUS	3:15.72	DEBBIE ATTRILL	NZL	32.33	LINDA MCHENRY	USA	1:25.29	JENNIFER AUSTIN	AUS
10:58.80	BARBARA HALSEY	GBR	3:16.22	BRENDA CASEY	AUS	32.57	SUSANA BARKLEY	ESP	1:25.60	GINGER PIERSON	USA
11:02.39	ROSE CUNNINGTON	AUS	3:17.16	TERI HENDRYX	USA	32.63	CHIEKO ARAI	JPN	200 M. BACK		
11:05.29	GWEN DEELY	USA	3:17.38	ELIN ZANDER	USA	32.68	NANETTE BRANDT	AUS	2:45.58	SANDRA O'NEIL	GBR
11:12.17	SHERRY KITTRELL	USA	50 M. FLY			32.76	RACHEL MAYRICK	GBR	2:53.75	MARIANNE BREMS	USA
11:15.57	MOIRA RUSHTON	CAN	30.73	LAURA VAL	USA	100 M. FREE			2:59.11	JENNIFER AUSTIN	AUS
11:27.32	LAURIE GRUBBS	USA	31.85	MARYANN STEVENS	USA	1:05.80	CAROL FELLOWS	GBR	3:00.43	MIMI FRANK	USA
1500 M. FREE			31.86	REIKO WATABIKI	JPN	1:09.25	F.WILIAMSON	USA	3:00.62	KENNIE OLSSON	SWE
19:58.99	B. CAMPBELL-BURNS	AUS	32.08	R.BRITTINGHAM	USA	1:09.53	BARBARA DUNBAR	USA	3:02.05	MARY POHLMANN	USA
20:07.13	DANIELLE OGIER	USA	32.41	CONNY BOER-BUYS	NED	1:10.13	LESLEY GOUGH	AUS	3:03.58	JEANNIE MITCHELL	USA
20:29.27	DENISE EVERITT	USA	33.07	DIANA TURNER	GBR	1:10.13	ANN LYTTLE	USA	3:03.62	KATHRINE CASEY	USA
20:34.59	KATHI BULLOCK	USA	33.33	C.NIEUWENHUIS	NED	1:11.33	PATTY THOMPSON	CAN	3:04.67	JILL WHYMAN	GBR
20:44.05	PATRICIA MATTSON	USA	33.44	KARLENE WISE	USA	1:11.63	KATHRINE CASEY	USA	3:05.08	GINGER PIERSON	USA
21:31.56	LAURIE GRUBBS	USA	33.64	BONNIE ADAIR	USA	1:11.78	ANN PAGE	USA	50 M. BRST		
21:37.98	SHERRY KITTRELL	USA	33.69	BRIGITTE RIXEN	GER	1:11.83	MARCIA BARRY	USA	37.54	BEA POOL	NED
21:57.23	PAM GEIGER	USA	100 M. FLY			1:13.19	BRIGITTE MERTEN	GER	39.88	SANDRA O'NEIL	GBR
22:04.69	JAN PESAVENTO	USA	1:07.10	LAURA VAL	USA	200 M. FREE			40.14	P.HARRINGTON	GBR
22:22.68	JUDY LANEY	USA	1:11.51	MARYANN STEVENS	USA	2:22.24	BARBARA DUNBAR	USA	40.29	MARTINA KRAUSE	GER
50 M. BACK			1:15.49	DENISE EVERITT	USA	2:30.52	LINDSAY POWELL	GBR	40.37	GINGER PIERSON	USA
32.37	LAURA VAL	USA	1:16.16	KARLENE WISE	USA	2:31.40	BRIGITTE MERTEN	GER	40.57	JETTE LORICH	DEN
35.24	JANE ZEIGLER	USA	1:16.46	JUDITH CLARKE	AUS	2:34.65	ANN LYTTLE	USA	40.58	MEEGAN WILSON	USA
35.28	MARYANN STEVENS	USA	1:16.72	R.BRITTINGHAM	USA	2:38.80	MIREILLE RICHTER	SUI	40.79	INGE EICHNER	GER
35.75	TAKAKO NAKAHARA	JPN	1:16.93	CONNY BOER-BUYS	NED	2:39.54	SUZANNE DILLS	USA	40.80	YVONNE CATTRALL	CAN
36.17	KARLENE WISE	USA	1:17.99	S.MORCHE-BLOCH	GER	2:41.01	LUCY JOHNSON	USA	40.85	KAYAKO HIROSE	JPN
36.31	CARLA YOUNG	CAN	1:18.18	MOIRA RUSHTON	CAN	2:41.20	ANNE GRAMS	USA	100 M. BRST		
36.40	CONNY BOER-BUYS	NED	1:19.17	LESLEY GOUGH	AUS	2:41.35	KRISTINA KING	USA	1:25.17	BEA POOL	NED
36.50	V.PREISLEROVA	CZE	200 M. FLY			2:41.75	NANCY STANBURY	USA	1:26.83	P.HARRINGTON	GBR
36.68	R.BRITTINGHAM	USA	2:38.51	MARYANN STEVENS	USA	400 M. FREE			1:26.89	CHRISTIANE HEEREN	GER
36.69	CONSOELO GRATER	GER	2:54.49	S.MORCHE-BLOCH	GER	4:56.49	BARBARA DUNBAR	USA	1:27.17	GINGER PIERSON	USA
100 M. BACK			2:54.81	LESLEY GOUGH	AUS	5:13.11	LESLEY GOUGH	AUS	1:28.40	MEEGAN WILSON	USA
1:15.17	DIANA TURNER	GBR	2:57.19	R.BRITTINGHAM	USA	5:16.49	LINDSAY POWELL	GBR	1:30.07	NANCY STANBURY	USA
1:17.20	JANE ZEIGLER	USA	3:10.72	ELIZABETH PRATT	AUS	5:24.50	MIREILLE RICHTER	SUI	1:30.12	JULIE CRAYFORD	GBR
1:18.19	B.STATKEVICIENE	LIT	3:12.70	YOSHIMI NONOSHITA	JPN	5:26.39	MARCIA BARRY	USA	1:30.59	INGE EICHNER	GER
1:18.65	MARILYN FINK	USA	3:13.10	SCHEIDEGGER-KUNZ	SUI	5:28.91	MARIANNE BREMS	USA	1:30.83	KAYAKO HIROSE	JPN
1:19.93	KARLENE WISE	USA	3:19.81	JAN PESAVENTO	USA	5:30.02	SUZANNE DILLS	USA	1:30.96	YVONNE CATTRALL	CAN
1:20.60	TAKAKO NAKAHARA	JPN	3:21.79	SHERRY KITTRELL	USA	5:31.53	ANN LYTTLE	USA	200 M. BRST		
1:20.81	CARLA YOUNG	CAN	3:22.87	LORRAINE CROOK	GBR	5:34.74	KRISTINA KING	USA	3:06.15	BEA POOL	NED
1:21.95	JAN JEFFREY	AUS	100 M. I.M.			5:39.01	ANNE GRAMS	USA	3:10.85	GINGER PIERSON	USA
1:22.09	CONSOELO GRATER	GER	1:13.51	DANIELLE OGIER	USA	800 M. FREE			3:12.84	NANCY STANBURY	USA
1:22.49	JOANNE BOWSER	USA	1:17.59	CONSOELO GRATER	GER	10:51.52	LINDSAY POWELL	GBR	3:16.37	MEEGAN WILSON	USA
200 M. BACK			1:18.13	B.STATKEVICIENE	LIT	10:54.63	LESLEY GOUGH	AUS	3:18.40	KATHRINE CASEY	USA
2:47.85	DIANA TURNER	GBR	1:18.37	DEB WALKER	USA	11:13.18	MARIANNE BREMS	USA	3:18.49	INGE EICHNER	GER
2:49.98	B.STATKEVICIENE	LIT	1:18.90	CONNY BOER-BUYS	NED	11:15.07	MARCIA BARRY	USA	3:19.05	ALISON PAYNE	CAN
2:55.26	KARLENE WISE	USA	1:19.37	C.NIEUWENHUIS	NED	11:25.80	ANN LYTTLE	USA	3:19.20	LESLIE TREAT	USA
2:55.53	ROSE CUNNINGTON	AUS	1:19.39	BRIGITTE RIXEN	GER	11:26.48	KRISTINA KING	USA	3:20.47	BARBARA DUNBAR	USA
2:56.55	JOANNE BOWSER	USA	1:19.47	KARLENE WISE	USA	11:27.81	KENNIE OLSSON	SWE	3:22.35	MIREILLE RICHTER	SUI
2:58.87	JANICE FRENCH	GBR	1:20.57	CATHY MERRITT	CAN	11:43.31	LUCY JOHNSON	USA	50 M. FLY		
3:00.29	CATHY MERRITT	CAN	1:20.75	NEDRA MOORE	USA	11:59.67	LIZ CALVERT	NZL	33.19	CAROL FELLOWS	GBR
3:03.06	GWEN DEELY	USA	200 M. I.M.			12:04.22	CULLEN GOODYEAR	CAN	33.55	BARBARA DUNBAR	USA
3:05.23	GERRY WILLMS	CAN	2:40.20	DANIELLE OGIER	USA	1500 M. FREE			35.00	BEA POOL	NED
3:05.89	GISELA WILLMS	GER	2:47.21	DIANA TURNER	GBR	20:55.00	LESLEY GOUGH	AUS	35.05	YOSHIKO KADOSAKA	JPN
50 M. BRST			2:50.18	B.STATKEVICIENE	LIT	21:42.20	F.WILIAMSON	USA	35.10	ANNE GRAMS	USA
37.79	BRIGITTE RIXEN	GER	2:50.46	JANYE BALL	GBR	22:43.53	LIZ CALVERT	NZL	35.13	SHARON WISE	USA
39.05	REGULA STEIGER	SUI	2:55.34	CONNY BOER-BUYS	NED	23:39.56	VICKI BUCCINO	USA	35.29	SUSANA BARKLEY	ESP
39.17	A.WRIGHT-BELKNAP	USA	2:55.53	JOANNE BOWSER	USA	23:53.82	BETSY VOLOSHEN	USA	35.30	BRIGITTE MERTEN	GER
39.35	A.BRYNGELSSON	SWE	2:56.06	MOIRA RUSHTON	CAN	24:10.07	RUTH PETERSON	USA	35.49	FRITZI FEUERLEIN	GER
39.81	BRENDA CASEY	AUS	2:57.15	PATRICIA MATTSON	USA	24:30.70	SANDRA CATHEY	USA	35.80	JULIE CRAYFORD	GBR
39.81	DANIELLE OGIER	USA	2:57.15	BARBARA HALSEY	GBR	24:38.59	REIKO SUKEGAWA	JPN	100 M. FLY		
39.99	BRIGITTE KUHL	GER	2:57.28	DIANE ROTHENBERG	USA	24:52.81	ROBYN BELL	NZL	1:12.53	BARBARA DUNBAR	USA
40.01	B.STATKEVICIENE	LIT	400 M. I.M.			25:05.97	YASUKO YOKOI	JPN	1:21.01	CAROL FELLOWS	GBR
40.29	BARBARA ERLACH	GER	5:36.71	MARYANN STEVENS	USA	50 M. BACK			1:24.44	KENNIE OLSSON	SWE
40.49	CONSOELO GRATER	GER	5:46.38	DANIELLE OGIER	USA	35.30	SANDRA O'NEIL	GBR	1:26.13	GINGER PIERSON	USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

1:26.19 CLAUDIA LAMERS GER
1:26.48 MASAKO AKITA JPN
1:26.90 MARIANNE BREMS USA
1:26.93 SANDI ROUSSEAU USA
1:27.65 ANN PAGE USA
1:27.82 JAN LEVINRAD USA

200 M. FLY

2:38.59 BARBARA DUNBAR USA
2:49.70 LESLEY GOUGH AUS
3:07.77 GINGER PIERSON USA
3:10.63 LUCY JOHNSON USA
3:14.99 B.EDELMAIER USA
3:15.90 MASAKO AKITA JPN
3:18.92 CHRISTINE ZIMMET USA
3:23.85 BARBARA LARSEN USA
3:24.31 ELLY FLEIG AUS
3:25.30 PATRICIA JACKSON GBR

100 M. I.M.

1:15.52 SANDRA O'NEIL GBR
1:18.17 BARBARA DUNBAR USA
1:21.07 BRIGITTE MERTEN GER
1:21.55 GINGER PIERSON USA
1:22.63 ANNE GRAMS USA
1:22.83 SUSANA BARKLEY ESP
1:22.92 MIMI FRANK USA
1:22.98 MARGARETA RAINER SWE
1:23.75 PATTY THOMPSON CAN
1:24.29 INGE EICHNER GER

200 M. I.M.

2:47.93 BARBARA DUNBAR USA
2:48.25 SANDRA O'NEIL GBR
2:59.34 GINGER PIERSON USA
3:00.94 MARIANNE BREMS USA
3:01.49 YOSHIKO KADOSAKA JPN
3:02.19 CHRISTIANE HEEREN GER
3:04.20 JANET GETTLING USA
3:04.49 LUCY JOHNSON USA
3:04.82 ANNE GRAMS USA
3:05.77 JULIE CRAYFORD GBR

400 M. I.M.

6:09.71 KENNIE OLSSON SWE
6:14.57 MARIANNE BREMS USA
6:30.15 ANNE GRAMS USA
6:30.46 GINGER PIERSON USA
6:46.02 EDITH JACOBSEN USA
6:48.53 SANDRA CATHEY USA
6:49.30 PATRICIA JACKSON GBR
6:54.14 SANDRA CATHY USA
6:55.71 CULLEN GOODYEAR CAN
7:00.76 ELAINE BLOWER GBR

****
WOMEN 50-54
****

50 M. FREE

31.02 DIANA TODD USA
31.24 JUDY REED USA
31.83 CYNTHIA O'HARE USA
31.98 JUDY WILSON GBR
32.00 JEN THOMASSON AUS
32.10 NANCY RIDOUT USA
32.78 KATHY HYDE NZL
33.20 RENATA BASTEK POL
33.31 CAROLYN FLEMING AUS
33.59 CHRISTEL SCHULTZ GER

100 M. FREE

1:10.20 JUDY WILSON GBR
1:10.62 JUDY REED USA
1:11.10 JEN THOMASSON AUS
1:14.13 KATHY HYDE NZL
1:14.18 SILVANA ABREU BRA
1:14.30 NANCY RIDOUT USA
1:15.57 JILL COMPLIN GBR
1:16.17 JV BERKEL-DE NIJS NED
1:16.18 CAROLYN FLEMING AUS
1:17.36 MAUREEN MCINTOSH AUS

200 M. FREE

2:35.87 JUDY WILSON GBR
2:40.28 KATHY HYDE NZL
2:44.22 JUDY REED USA
2:45.15 PENNY WEBSTER GBR
2:46.43 CAROLYN FLEMING AUS
2:48.19 HIDEKO TERASAKI JPN
2:49.57 JILL COMPLIN GBR
2:50.08 JV BERKEL-DE NIJS NED
2:50.94 MAUREEN MCINTOSH AUS
2:51.33 BETTY BENNETT USA

400 M. FREE

5:37.29 BARBARA FRID USA
5:38.95 JEN THOMASSON AUS
5:42.55 JUDY WILSON GBR
5:42.59 JANE KATZ USA
5:47.02 PENNY WEBSTER GBR
5:47.03 NANCY RIDOUT USA
5:59.34 JV BERKEL-DE NIJS NED
5:59.78 MAUREEN MCINTOSH AUS
6:12.60 JUDY REED USA
6:16.99 PINKY WALKER USA

800 M. FREE

11:42.46 KATHY HYDE NZL
11:43.25 JUDY WILSON GBR
11:43.55 NANCY RIDOUT USA
11:52.63 JANE KATZ USA
11:57.36 PENNY WEBSTER GBR
12:23.43 JV BERKEL-DE NIJS NED
12:35.46 JILL COMPLIN GBR
12:52.43 ELAINE BROMWICH USA
13:03.17 FREDERICKA RAPP USA
13:03.28 BETH ALTABAS GBR

1500 M. FREE

22:11.66 KATHY HYDE NZL
23:56.91 ELAINE BROMWICH USA
24:55.03 LIBBY HASSALL AUS
25:19.23 FREDERICKA RAPP USA
25:28.73 PAM HIMSTREET USA
25:53.42 ERDA DILLINGER CAN
26:31.09 CAROL SING USA
26:32.82 AKIKO ODA JPN
26:39.60 SANDRA HOLDSWORTH AUS
27:35.17 CHARLOTTE COWAN USA

50 M. BACK

37.49 CLARY MUNNS AUS
37.67 HIROMI SATOU JPN
37.81 BETTY BENNETT USA
39.85 ANNE JORGENS DEN
39.99 CHRISTEL SCHULTZ GER
40.14 JEN THOMASSON AUS
40.56 JUDY REED USA
40.65 JURATE MARTISIENE LIT
40.80 RENATA BASTEK POL
41.05 JV BERKEL-DE NIJS NED

100 M. BACK

1:23.68 CLARY MUNNS AUS
1:24.27 BETTY BENNETT USA
1:27.82 JANE KATZ USA
1:28.26 JV BERKEL-DE NIJS NED
1:28.75 GERDA WILLIAMS AUS
1:28.80 MARY-ANN TURBITT NZL
1:28.99 HEIDI GUHL GER
1:29.18 JUDY WILSON GBR
1:31.37 KAZUKO ITOU JPN
1:31.70 JUDY DECKER USA

200 M. BACK

3:06.07 CLARY MUNNS AUS
3:07.33 BETTY BENNETT USA
3:07.37 ELLY FLEIG AUS
3:09.13 JANE KATZ USA
3:13.33 MARY-ANN TURBITT NZL
3:16.52 KAZUKO ITOU JPN
3:17.93 JUDY DECKER USA
3:18.22 ELIZABETH REDPATH GBR
3:19.63 GERGAYNIA SHELLEY AUS
3:19.63 BETH ALTABAS GBR

50 M. BRST

40.00 ELAINE BROMWICH GBR
40.09 MONIKA SENFTLEBEN GER
40.58 DIANE FORD GBR
42.00 HEATHER MORGAN AUS
42.07 BARBRO FLODSTROM SWE
42.10 E.VAHRMEIJER-LOSK NED
42.19 HANNELORE ROSE GER
42.19 JEN THOMASSON AUS
42.29 MONIKA WARNUSZ GER
42.55 NANCY BROOKS USA

100 M. BRST

1:27.33 DIANE FORD GBR
1:27.38 ELAINE BROMWICH USA
1:30.93 HEATHER MORGAN AUS
1:31.30 E.VAHRMEIJER-LOSK NED
1:31.82 MONIKA SENFTLEBEN GER
1:34.98 NANCY BROOKS USA
1:35.09 INGRID LUNING GER
1:35.35 GERDA WILLIAMS AUS
1:35.39 MONIKA WARNUSZ GER
1:35.99 CLARY MUNNS AUS

200 M. BRST

3:15.22 JEN THOMASSON AUS
3:26.38 GERDA WILLIAMS AUS
3:26.92 NANCY BROOKS USA
3:29.53 CLARY MUNNS AUS
3:31.09 MONIKA WARNUSZ GER
3:32.19 ELSBETH FLICK GER
3:33.19 DORTE SIEMER GER
3:33.23 E.VAHRMEIJER-LOSK NED
3:35.41 PAMELA HIMSTREET USA
3:37.18 PENNY SALMOND NZL

50 M. FLY

33.85 DIANA TODD USA
34.70 JUDY WILSON GBR
34.93 KATHY HYDE NZL
36.03 JUDY REED USA
37.46 BARBARA LUSCOMBE AUS
37.65 BARBARA HOELLEN USA
37.84 SEIKO KAWATA JPN
37.98 NANCY RIDOUT USA
38.18 JEN THOMASSON AUS
38.29 CHRISTEL SCHULTZ GER

100 M. FLY

1:19.98 DIANA TODD USA
1:21.32 JUDY WILSON GBR
1:23.44 KATHY HYDE NZL
1:27.52 TOMOKO ASAHI JPN
1:32.87 SEIKO KAWATA JPN
1:35.70 E.VAHRMEIJER-LOSK NED
1:36.30 I.FELGROVA CZE
1:37.15 RENATE ZSCHOCKELT GER
1:37.65 REIKO NAGASAKU JPN
1:38.59 SIGRID KOCH GER

200 M. FLY

3:20.39 ELAINE BROMWICH GBR
3:25.91 TOMOKO ASAHI JPN
3:32.29 BARBARA LUSCOMBE AUS
3:35.87 REIKO NAGASAKU JPN
3:40.13 MARIA PADILLA BRA
3:45.93 JOY FULTON CAN
3:46.09 KATSUKO SATOU JPN
3:46.10 ROSE JEFF AUS
3:47.27 KAZUKO MAKI JPN
3:47.57 GEORGIE HAMILTON GBR

100 M. I.M.

1:23.88 JEN THOMASSON AUS
1:24.07 KATHY HYDE NZL
1:24.45 CLARY MUNNS AUS
1:24.91 JV BERKEL-DE NIJS NED
1:24.99 CHRISTEL SCHULTZ GER
1:25.17 ELAINE BROMWICH GBR
1:25.80 E.VAHRMEIJER-LOSK NED
1:27.02 DIANE FORD GBR
1:27.20 GERDA WILLIAMS AUS
1:27.90 MARY-ANN TURBITT NZL

200 M. I.M.

3:04.17 JV BERKEL-DE NIJS NED
3:04.36 KATHY HYDE NZL
3:10.72 CLARY MUNNS AUS
3:13.75 ELAINE BROMWICH GBR
3:14.32 MARY-ANN TURBITT NZL
3:16.40 E.VAHRMEIJER-LOSK NED
3:18.32 BARBARA LUSCOMBE AUS
3:18.70 KAZUKO ITOU JPN
3:19.12 HEATHER MORGAN AUS
3:19.32 CYNTHIA O'HARE USA

400 M. I.M.

6:34.30 ELLY FLEIG AUS
6:34.84 ELAINE BROMWICH GBR
6:43.95 JANE KATZ USA
6:58.03 MARY-ANN TURBITT NZL
7:03.54 TOMOKO ASAHI JPN
7:20.76 GEORGIE HAMILTON GBR
7:29.19 INGRID LUNING GER
7:29.27 FREDERICKA RAPP USA
7:37.80 SANDY ETNYRE USA
7:38.62 REIKO NAGASAKU JPN

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WOMEN 55-59
****

50 M. FREE

32.08 YOSHIKO OSAKI JPN
33.71 PAM HUTCHINGS AUS
33.75 JAYNE LAMBKE USA
34.06 BARBARA ZAREMSKI USA
34.88 LINDA MACPHERSON CAN
34.90 URSULA FROHLICH GER
34.93 HELI PAALOSALO FIN
35.35 CHARLOTTE JENKINS USA
35.65 BETSY JORDAN USA
35.80 E.JOBKES ASTI ITA

100 M. FREE

1:11.18 YOSHIKO OSAKI JPN
1:15.61 JAYNE LAMBKE USA
1:15.80 PAM HUTCHINGS AUS
1:17.68 LINDA MACPHERSON CAN
1:17.79 MARGA SCHULZE GER
1:20.21 BETSY JORDAN USA
1:20.90 RITA ANDROSONI ITA
1:21.38 HELI PAALOSALO FIN
1:21.41 ANN DE S GRANTHAM GBR
1:21.82 LOTTIE GEURTS NED

200 M. FREE

2:35.30 YOSHIKO OSAKI JPN
2:46.73 PAM HUTCHINGS AUS
2:47.55 JAYNE LAMBKE USA
2:50.77 LINDA MACPHERSON CAN
2:52.33 SUSAN MUNN USA
2:56.35 MARGA SCHULZE GER
2:56.89 BETSY JORDAN USA
2:59.07 CLAIRE OBRIEN USA
3:00.59 LOTTIE GEURTS NED
3:00.90 RITA ANDROSONI ITA

400 M. FREE

5:57.23 LINDA MACPHERSON CAN
5:57.89 JAYNE LAMBKE USA
6:05.60 SUSAN MUNN USA
6:10.97 SUSAN BRADLEY-COX USA
6:13.69 JUTTA SEIDL GER
6:15.46 CHARLOTTE JENKINS USA
6:17.22 BETSY JORDAN USA
6:27.05 BARBARA ZAREMSKI USA
6:27.59 URSULA FROHLICH GER
6:28.58 HISAKO SATOU JPN

800 M. FREE

12:18.62 JAYNE LAMBKE USA
12:28.39 SUSAN BRADLEY-COX USA
12:39.29 SUSAN MUNN USA
12:51.16 BETSY JORDAN USA
12:51.45 CHARLOTTE JENKINS USA
12:54.35 HISAKO SATOU JPN
12:58.64 BARBARA ZAREMSKI USA
13:17.89 URSULA FROHLICH GER
13:23.44 BRENDA WALKER GBR
13:24.55 KAZUKO KOYAMA JPN

1500 M. FREE

23:17.18 SUSAN BRADLEY-COX USA
23:31.93 JAYNE LAMBKE USA
24:12.93 BETSY JORDAN USA
24:28.34 BARBARA ZAREMSKI USA
24:30.70 CHARLOTTE JENKINS USA
25:29.80 KAZUKO KOYAMA JPN
26:01.15 SUSAN SPRINGER USA
26:23.97 LENIE VN MEER NED

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

26:42.76	BARBARA BROOKS	AUS
26:57.53	SYLVIA GLENN	USA
50 M. BACK		
38.77	PAM HUTCHINGS	AUS
39.17	BETSY JORDAN	USA
41.45	HELI PAALOSALO	FIN
41.80	KEIKO YAMADA	JPN
42.05	BRENDA WALKER	GBR
42.07	MAE WALDIE	CAN
42.15	ALICE KINNAIRD	AUS
42.17	ROSA-MARIA HOFFT	GER
42.20	E.JOBKES ASTI	ITA
42.39	ANN CHAMP	USA
100 M. BACK		
1:25.79	BETSY JORDAN	USA
1:27.08	PAM HUTCHINGS	AUS
1:31.62	ANN CHAMP	USA
1:31.63	BRENDA WALKER	GBR
1:32.39	ALICE KINNAIRD	AUS
1:33.45	BEVERLY MYERS	USA
1:33.58	MARGA SCHULZE	GER
1:34.29	INGRID LANGE	GER
1:35.78	JEITJE V BERGEN	NED
1:36.50	KAZUKO KOYAMA	JPN
200 M. BACK		
3:07.15	BETSY JORDAN	USA
3:11.78	ANN CHAMP	USA
3:17.12	BRENDA WALKER	GBR
3:20.07	SUSAN LIVINGSTON	USA
3:20.11	BEVERLY MYERS	USA
3:21.85	ALICE KINNAIRD	AUS
3:26.64	JEITJE V BERGEN	NED
3:27.10	RITA ANDROSONI	ITA
3:30.29	TAEKO MATSUO	JPN
3:33.40	KEIKO YAMADA	JPN
50 M. BRST		
41.10	JOANN LEILICH	USA
42.41	JAYNE BRUNER	USA
43.59	HELGA KARLISCH	GER
43.70	GABRIELLA TUCCI	ITA
43.81	HELI PAALOSALO	FIN
43.81	ROSA-MARIA HOFFT	GER
43.92	ELEONORE OTTO	GER
44.14	KEIKO YAMADA	JPN
44.59	DORIS THEISSEN	GER
44.72	KAZUKO KAJIWARA	JPN
100 M. BRST		
1:29.88	JOANN LEILICH	USA
1:35.03	MASAYO AZUMA	JPN
1:35.45	ELEONORE OTTO	GER
1:35.78	JAYNE BRUNER	USA
1:37.89	ROSA-MARIA HOFFT	GER
1:37.91	GABRIELLA TUCCI	ITA
1:38.32	LIS GLASDAM	DEN
1:38.65	SHOUKO YONEZAWA	JPN
1:38.74	KEIKO YAMADA	JPN
1:38.95	TAYO FUJIEDA	JPN
200 M. BRST		
3:16.58	JOANN LEILICH	USA
3:24.31	ELEONORE OTTO	GER
3:27.00	TAYO FUJIEDA	JPN
3:31.61	ROBIN HENZE	AUS
3:31.77	KEIKO YAMADA	JPN
3:34.60	GABRIELLA TUCCI	ITA
3:37.32	GLORIA HARDY	AUS
3:44.79	MIYUKI SAKASHITA	JPN
3:45.39	R.DE VISSER	GER
3:47.10	RENATA MARTING	ITA
50 M. FLY		
36.10	YOSHIKO OSAKI	JPN
37.70	JAYNE LAMBKE	USA
39.47	LINDA MACPHERSON	CAN
39.71	CHARLOTTE JENKINS	USA
39.92	HELI PAALOSALO	FIN
40.59	JUTTA SEIDL	GER
40.76	HISAKO SATOU	JPN
41.03	BETSY JORDAN	USA
41.09	BEVERLY MYERS	USA
41.19	GISELA SCHWARZ	GER
100 M. FLY		
1:22.22	YOSHIKO OSAKI	JPN
1:28.58	LINDA MACPHERSON	CAN
1:31.26	JAYNE LAMBKE	USA
1:32.41	JAYNE BRUNER	USA
1:33.14	BETSY JORDAN	USA
1:34.72	CHARLOTTE JENKINS	USA
1:36.61	HISAKO SATOU	JPN
1:37.19	SUSAN MUNN	USA
1:39.35	MASUNO MASUDA	JPN
1:39.35	VALERIE BUXTON	GBR
200 M. FLY		
3:19.41	LINDA MACPHERSON	CAN
3:28.37	JAYNE LAMBKE	USA
3:38.12	VALERIE BUXTON	GBR
3:38.54	SUSAN LIVINGSTON	USA
3:42.60	HISAKO SATOU	JPN
3:44.29	BETSY JORDAN	USA
3:49.00	MASUNO MASUDA	JPN
3:50.11	ENEDINA PEREIRA	BRA
3:53.30	YUKIKO UEHARA	JPN
3:55.95	JUNE GRANZIERA	AUS
100 M. I.M.		
1:23.98	YOSHIKO OSAKI	JPN
1:30.64	JAYNE BRUNER	USA
1:30.69	MARGA SCHULZE	GER
1:30.81	HELI PAALOSALO	FIN
1:30.91	BETSY JORDAN	USA
1:30.92	ELEONORE OTTO	GER
1:31.40	BEVERLY MYERS	USA
1:32.39	JUTTA SEIDL	GER
1:32.62	B.CEDRO-TATARA	POL
1:33.13	ROBIN HENZE	AUS
200 M. I.M.		
2:57.90	YOSHIKO OSAKI	JPN
3:17.07	BETSY JORDAN	USA
3:20.51	BEVERLY MYERS	USA
3:20.72	ELEONORE OTTO	GER
3:23.62	SUSAN MUNN	USA
3:24.70	TAYO FUJIEDA	JPN
3:27.15	KEIKO YAMADA	JPN
3:27.30	JEITJE V BERGEN	NED
3:28.28	SUSAN LIVINGSTON	USA
3:28.80	RENATA MARTING	ITA
400 M. I.M.		
7:07.98	BETSY JORDAN	USA
7:09.64	SUSAN MUNN	USA
7:11.99	VALERIE BUXTON	GBR
7:14.78	SUSAN LIVINGSTON	USA
7:29.04	RENATA MARTING	ITA
7:57.14	SUSAN SPRINGER	USA
8:05.15	JEAN STERLING	USA
8:06.48	FELICITY HAGUE	GBR
8:21.20	TOSHIKO KATOU	JPN
8:22.18	SABINA CARR	GBR

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WOMEN 60-64

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50 M. FREE		
34.24	JANE ASHER	GBR
34.95	RONNIE KAMPHAUSEN	USA
35.56	MARGARET TIMMINS	USA
36.06	DIANE STOWELL	USA
36.30	SETSUKO SHIROISHI	JPN
36.99	HIROKO HANAFUSA	JPN
37.04	GRETHE BENDTSEN	DEN
37.15	THELMA DOYLE	AUS
37.28	ELIANE PELLIS	BEL
37.41	DIANE REED	USA
100 M. FREE		
1:17.93	RONNIE KAMPHAUSEN	USA
1:21.27	JANE ASHER	GBR
1:21.46	DIANE STOWELL	USA
1:21.80	ELIANE PELLIS	BEL
1:22.88	DENA MANN	USA
1:24.20	DIANE REED	USA
1:24.31	HIROKO HANAFUSA	JPN
1:24.46	GRETHE BENDTSEN	DEN
1:26.15	ANN KAY	USA
1:26.70	JUDIE OLIVER	CAN
200 M. FREE		
2:58.26	JANE ASHER	GBR
3:05.00	DENA MANN	USA
3:07.17	HIROKO HANAFUSA	JPN
3:09.87	ELIANE PELLIS	BEL
3:10.36	JUDIE OLIVER	CAN
3:12.96	DIANE REED	USA
3:15.89	YOSHIKO SHIMIZU	JPN
3:15.95	ANN PISCIOTTA	USA
3:16.16	KEIKO FUJIMOTO	JPN
3:17.16	ADRIENNE PIPES	USA
400 M. FREE		
5:59.77	RONNIE KAMPHAUSEN	USA
6:07.93	JANE ASHER	GBR
6:37.42	ANNE MCGUIRE	USA
6:38.87	ANN KAY	USA
6:39.44	JUDIE OLIVER	CAN
6:41.43	ANN PISCIOTTA	USA
6:45.48	BARBARA BROOKS	AUS
6:52.12	MALCHIA OLSHAN	USA
6:55.68	KEIKO FUJIMOTO	JPN
7:03.21	ANNIE DE VOS	NED
800 M. FREE		
12:53.35	JANE ASHER	GBR
13:23.80	BARBARA FENTMAN	GBR
13:38.55	ANNE MCGUIRE	USA
13:50.18	ANN KAY	USA
14:04.59	MARGARET TIMMINS	USA
14:08.12	MALCHIA OLSHAN	USA
14:28.56	ADRIENNE PIPES	USA
14:31.99	P. BIERENBROODSPO	AUS
14:32.14	DONNA MONROE	USA
14:46.01	DOROTHY DICKEY	AUS
1500 M. FREE		
22:54.51	LAVELLE STOINOFF	USA
25:49.03	ANNE MCGUIRE	USA
26:25.50	MALCHIA OLSHAN	USA
26:30.28	MARGARET TIMMINS	USA
26:33.48	ANN PISCIOTTA	USA
27:01.46	MARIA YUNGEL	USA
27:06.44	ADRIENNE PIPES	USA
28:19.63	ANNIE DE VOS	NED
28:30.35	YOSHI OGATA	JPN
28:37.26	DOROTHY DICKEY	AUS
50 M. BACK		
40.71	RONNIE KAMPHAUSEN	USA
42.00	GRETHE BENDTSEN	DEN
44.16	ETSUKO MATSUMOTO	JPN
44.27	KAZUKO KABASAWA	JPN
44.57	ANN KAY	USA
45.54	JUDIE OLIVER	CAN
45.59	ERIKA WUNSCH	GER
45.98	KATSUKO KAGEYAMA	JPN
46.20	ANNIE DE VOS	NED
46.26	ELIANE PELLIS	BEL
100 M. BACK		
1:32.31	LAVELLE STOINOFF	USA
1:34.65	JANE ASHER	GBR
1:37.73	ANN KAY	USA
1:38.16	DENA MANN	USA
1:39.40	ANNIE DE VOS	NED
1:39.71	SUMIKO KADOTA	JPN
1:39.78	JUDIE OLIVER	CAN
1:41.65	DOROTHY BOLTON	GBR
1:43.40	KEIKO FUJIMOTO	JPN
1:43.89	ELSA METZGER	GER
200 M. BACK		
3:24.14	GRETHE BENDTSEN	DEN
3:27.03	ANN KAY	USA
3:29.37	MARLENE MENDES	BRA
3:30.40	ANNIE DE VOS	NED
3:33.60	JUDIE OLIVER	CAN
3:43.16	VAL GREEN	AUS
3:44.03	ANN PISCIOTTA	USA
3:46.28	KEIKO FUJIMOTO	JPN
3:49.99	JOY ROSS	USA
3:50.61	MICHIKO TOKANO	JPN
50 M. BRST		
44.22	ELIANE PELLIS	BEL
44.91	ANN PISCIOTTA	USA
45.58	NORMA POWELL	CAN
45.80	ANNE MCGUIRE	USA
46.50	DIANE STOWELL	USA
46.64	LILLAN BORGE	NOR
46.89	HELGA GOTTFRIED	GER
47.29	L.MOTSCHIEDLER	GER
47.89	ELSA METZGER	GER
48.10	J.REBICKOVA	CZE
100 M. BRST		
1:37.05	ELIANE PELLIS	BEL
1:40.95	ANNE MCGUIRE	USA
1:41.11	ANN PISCIOTTA	USA
1:41.33	DIANE STOWELL	USA
1:42.36	LILLAN BORGE	NOR
1:43.49	L.MOTSCHIEDLER	GER
1:43.93	NORMA POWELL	CAN
1:44.40	JUDIE OLIVER	CAN
1:45.47	M.WILKINSON	GBR
1:46.60	J.REBICKOVA	CZE
200 M. BRST		
3:34.29	ANN PISCIOTTA	USA
3:36.67	ANNE MCGUIRE	USA
3:36.78	ELIANE PELLIS	BEL
3:45.89	MAREN PISKORA	GER
3:47.80	J.REBICKOVA	CZE
3:50.98	ANNIE DE VOS	NED
3:53.67	JESSIE CALLEBAUT	BEL
3:56.80	MASAE KURATA	JPN
4:00.03	MIYAKO UCHIDA	JPN
4:00.26	JULIA GULYAS	CAN
50 M. FLY		
39.49	JANE ASHER	GBR
41.83	JUDIE OLIVER	CAN
42.86	EVA VARDE	SWE
43.50	ANNE MCGUIRE	USA
43.88	BARBARA CALLISON	USA
44.53	NORMA POWELL	CAN
45.50	ADRIENNE PIPES	USA
47.10	HIROKO KATANO	JPN
47.38	ELVERA DUNN	AUS
47.59	TRUDE AUBEM	GER
100 M. FLY		
1:39.43	JUDIE OLIVER	CAN
1:41.11	ANNE MCGUIRE	USA
1:41.44	NORMA POWELL	CAN
1:44.10	ANN PISCIOTTA	USA
1:48.46	BARBARA CALLISON	USA
1:48.79	ELSA METZGER	GER
1:49.35	JOAN ALEXANDER	USA
1:50.40	ANNIE DE VOS	NED
1:50.78	ELVERA DUNN	AUS
1:51.54	ADRIENNE PIPES	USA
200 M. FLY		
3:36.89	ANNE MCGUIRE	USA
3:54.33	ANN PISCIOTTA	USA
4:01.40	ANNIE DE VOS	NED
4:04.26	JOAN ALEXANDER	USA
4:15.38	VAL GREEN	AUS
4:16.49	BIRTHE M JENS	DEN
4:20.07	MALCHIA OLSHAN	USA
4:26.00	ELVERA DUNN	AUS
4:32.60	ADRIENNE PIPES	USA
4:32.85	DONNA MONROE	USA
100 M. I.M.		
1:30.77	JANE ASHER	GBR
1:33.76	ELIANE PELLIS	BEL
1:34.89	JUDIE OLIVER	CAN
1:35.21	GRETHE BENDTSEN	DEN
1:36.18	ANNE MCGUIRE	USA
1:36.86	NORMA POWELL	CAN
1:37.85	ANN PISCIOTTA	USA
1:39.25	BARBARA CALLISON	USA
1:41.29	ELSA METZGER	GER
1:41.53	ANNIE DE VOS	NED
200 M. I.M.		
3:20.42	RONNIE KAMPHAUSEN	USA
3:21.38	DIANE STOWELL	USA
3:25.22	JUDIE OLIVER	CAN
3:31.31	ANNE MCGUIRE	USA
3:35.88	ANN PISCIOTTA	USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

3:40.52 BARBARA CALLISON USA
3:42.99 ANNIE DE VOS NED
3:46.85 KIMIKO OOOKA JPN
3:54.57 JOAN ALEXANDER USA
3:54.97 JEAN HOLLAND GBR

400 M. I.M.

7:21.21 ANNE MCGUIRE USA
7:22.80 JAYNE BRUNER USA
7:31.14 ANN PISCIOTTA USA
7:38.20 ANNIE DE VOS NED
7:55.32 KIMIKO OOOKA JPN
7:59.78 BARBARA BROOKS AUS
8:12.90 MARIA YUNGEL USA
8:20.70 JULIA GULYAS CAN
8:26.02 ADRIENNE PIPES USA
8:33.35 DONNA MONROE USA

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WOMEN 65-69
****

50 M. FREE

37.54 CYNTHIA BRUCE USA
38.04 KERSTIN GJORES SWE
38.10 NANCY MACBETH USA
38.33 BETTY RUSS USA
38.78 JOAN PARNELL CAN
38.93 JUNE KRAUSER USA
39.13 FLORENCE CARR USA
39.37 EIKO MORI JPN
39.47 MASUMI TANI JPN
39.51 SYLVIA BALOGH CAN

100 M. FREE

1:25.62 BETTY RUSS USA
1:26.84 JUNE KRAUSER USA
1:26.88 FLORENCE CARR USA
1:28.49 NANCY MACBETH USA
1:28.90 REIKO NAWATA JPN
1:29.25 SYLVIA BALOGH CAN
1:29.99 ELIZABETH WALLIS AUS
1:30.34 JOAN PARNELL CAN
1:30.86 MASUMI TANI JPN
1:31.15 IRMA HEYTING AUS

200 M. FREE

3:00.72 CLARA WALKER USA
3:07.24 JUNE KRAUSER USA
3:09.54 BETTY RUSS USA
3:10.12 JOAN PARNELL CAN
3:10.34 ELIZABETH WALLIS AUS
3:15.44 FLORENCE CARR USA
3:16.63 DELLA SEHORN USA
3:17.35 ANITA HAZEN USA
3:22.35 SYLVIA BALOGH CAN
3:22.81 HIDEKO NAITOU JPN

400 M. FREE

6:23.61 JUNE KRAUSER USA
6:30.85 CLARA WALKER USA
6:31.98 BETTY RUSS USA
6:36.85 JEAN TROY USA
6:37.43 PETEY SMITH USA
6:39.62 JOAN PARNELL CAN
7:03.05 FUMIKO HIROOKA JPN
7:03.39 FLORENCE CARR USA
7:07.43 ANITA HAZEN USA
7:16.41 DELLA SEHORN USA

800 M. FREE

13:09.53 CLARA WALKER USA
13:13.58 GAIL ROPER USA
13:34.15 JUNE KRAUSER USA
13:34.98 JOAN PARNELL CAN
13:36.94 ELIZABETH WALLIS AUS
14:02.71 BETTY RUSS USA
14:40.15 ANITA HAZEN USA
14:52.34 CHISE IBE JPN
14:55.56 FUMIKO HIROOKA JPN
15:22.87 BARBARA OWENS USA

1500 M. FREE

24:42.67 CLARA WALKER USA
25:23.87 JUNE KRAUSER USA
25:35.10 GAIL ROPER USA
25:38.14 BETTY RUSS USA
28:41.38 CHISE IBE JPN
28:41.50 FUMIKO HIROOKA JPN
29:08.57 JOAN MONAHAN NZL
29:08.61 BARBARA OWENS USA
29:42.65 FLORENCE CARR USA
29:45.46 FAY BECK USA

50 M. BACK

43.57 CYNTHIA BRUCE USA
43.61 JOAN PARNELL CAN
44.04 EDITH BOHM GER
45.01 KERSTIN GJORES SWE
46.29 NANCY MACBETH USA
46.40 GAIL ROPER USA
46.48 DELLA SEHORN USA
47.40 ELIZABETH WALLIS AUS
47.89 MITSUKO KURASHIGE JPN
48.10 L.HOLIS CZE

100 M. BACK

1:36.74 JOAN PARNELL CAN
1:39.23 NANCY MACBETH USA
1:39.44 EDITH BOHM GER
1:40.65 DELLA SEHORN USA
1:42.98 JUNE KRAUSER USA
1:45.15 OLIVE HALE GBR
1:46.51 FLORENCE CARR USA
1:47.74 JOAN MCINTYRE USA
1:47.80 DORIS MCEWAN USA
1:50.41 ELIZABETH WALLIS AUS

200 M. BACK

3:32.75 NANCY MACBETH USA
3:36.38 JOAN PARNELL CAN
3:38.99 KERSTIN GJORES SWE
3:43.25 DELLA SEHORN USA
3:44.63 JUNE KRAUSER USA
3:47.62 CYNTHIA BRUCE USA
3:50.13 JOAN MCINTYRE USA
3:53.00 OLIVE HALE GBR
3:55.02 DORIS MCEWAN USA
3:59.80 ELIZABETH WALLIS AUS

50 M. BRST

44.61 EDITH BOHM GER
46.59 ERIKA LANGE GER
48.62 A.DERKSE-DEN BOER NED
49.09 HERTA SOMMERMEIER GER
49.22 JOAN PARNELL CAN
49.39 ERIKA NESTLER GER
49.59 HELGA MAHLKE GER
49.69 B.STULLENBERG GER
49.80 L.HOLIS CZE
50.50 JUNE KRAUSER USA

100 M. BRST

1:41.68 EDITH BOHM GER
1:43.69 ERIKA LANGE GER
1:48.62 GAIL ROPER USA
1:49.01 JUNE KRAUSER USA
1:49.09 G.SCHOBEL-GRAB GER
1:49.50 A.DERKSE-DEN BOER NED
1:51.38 TERUKO ONO JPN
1:52.03 JOAN PARNELL CAN
1:53.18 EIKO MORI JPN
1:55.28 RAUNI MAKINEN FIN

200 M. BRST

3:55.14 JUNE KRAUSER USA
3:56.66 A.DERKSE-DEN BOER NED
4:06.55 JOAN PARNELL CAN
4:07.91 FUMIKO HIROOKA JPN
4:09.29 HERTA SOMMERMEIER GER
4:14.71 CHIZUKO TSUCHIDA JPN
4:22.03 BARBARA OWENS USA
4:23.19 KAZUMI KUWATA JPN
4:23.77 KIMIE KANAI JPN
4:30.52 JUSTINE BAMFORD AUS

50 M. FLY

40.24 GAIL ROPER USA
43.24 MASUMI TANI JPN
43.94 JUNE KRAUSER USA
44.62 NANCY MACBETH USA
45.47 EDITH BOHM GER
47.21 FLORENCE CARR USA
47.64 DELLA SEHORN USA
49.10 L.HOLIS CZE
49.28 BETTY RUSS USA
49.56 MASAKO HOTEHAMA JPN

100 M. FLY

1:37.53 GAIL ROPER USA
1:39.65 JUNE KRAUSER USA
1:45.14 DELLA SEHORN USA
1:45.63 NANCY MACBETH USA
1:51.05 BETTY RUSS USA
1:58.76 FLORENCE CARR USA
2:00.60 MASUMI TANI JPN
2:03.11 BARBARA OWENS USA
2:09.20 CHIZUKO TSUCHIDA JPN
2:10.14 MARIANNA HAGAN USA

200 M. FLY

3:35.80 JUNE KRAUSER USA
3:52.43 BETTY RUSS USA
4:41.87 MARIANNA HAGAN USA
4:43.23 GLADYS OLSEN USA
5:14.46 MARIAN WOLLE USA

100 M. I.M.

1:31.89 GAIL ROPER USA
1:35.55 NANCY MACBETH USA
1:38.10 JUNE KRAUSER USA
1:41.57 CYNTHIA BRUCE USA
1:43.04 FLORENCE CARR USA
1:43.83 DELLA SEHORN USA
1:44.29 DORIS MCEWAN USA
1:44.79 HELGA MAHLKE GER
1:44.89 EDITH BOHM GER
1:44.95 BETTY RUSS USA

200 M. I.M.

3:28.94 GAIL ROPER USA
3:29.25 JUNE KRAUSER USA
3:32.66 NANCY MACBETH USA
3:49.03 FLORENCE CARR USA
3:49.37 BETTY RUSS USA
3:59.90 FUMIKO HIROOKA JPN
4:08.81 CHIZUKO TSUCHIDA JPN
4:16.39 NORIKO NISHIKAWA JPN
4:18.34 RYOUKO FUKUDA JPN
4:19.45 BARBARA ROSE AUS

400 M. I.M.

7:18.55 JUNE KRAUSER USA
7:22.46 GAIL ROPER USA
7:35.05 NANCY MACBETH USA
7:51.85 BETTY RUSS USA
7:52.37 JEAN TROY USA
8:16.12 FLORENCE CARR USA
8:45.62 FUMIKO HIROOKA JPN
8:59.53 RUTH AARON USA
9:09.52 CORRIE DEGROOT AUS
9:35.50 BARBARA ROSE AUS

****
WOMEN 70-74
****

50 M. FREE

37.53 CATHERINE KERR CAN
38.31 OLGA JOHNSON NZL
39.95 MARGERY MEYER USA
40.06 PETEY SMITH USA
40.39 AGNES PLISSON FRA
40.96 JEANNE MERRYMAN USA
41.00 GRETE PFANNMULLER GER
41.20 BETTY CHRISTIAN USA
41.63 RUTH BAAR USA
42.05 TOSHIKO MURAKAMI JPN

100 M. FREE

1:28.93 PETEY SMITH USA
1:31.54 DOT DONNELLY USA
1:34.69 RUTH BAAR USA
1:36.99 GRETE PFANNMULLER GER
1:38.21 ELLA CARMICHAEL USA
1:38.90 GRACE ALTUS USA
1:39.17 OLGA JOHNSON NZL
1:39.52 KIYOKO NAKAJIMA JPN
1:40.07 NANCYE MITCHELL AUS
1:40.67 MURIEL FLYNN USA

200 M. FREE

3:14.78 MARGERY MEYER USA
3:17.28 PETEY SMITH USA
3:24.60 CATHERINE KERR CAN
3:28.49 DOT DONNELLY USA
3:31.38 GRACE ALTUS USA
3:31.53 RUTH BAAR USA
3:39.89 LOIS NOCHMAN USA
3:41.16 ELLA CARMICHAEL USA
3:44.61 AGNES PLISSON FRA
3:44.95 HISAKO KIMOTO JPN

400 M. FREE

7:01.74 MARGERY MEYER USA
7:19.88 CATHERINE KERR CAN
7:22.21 GRACE ALTUS USA
7:34.44 LOIS NOCHMAN USA
7:37.38 RUTH BAAR USA
7:42.37 OLGA JOHNSON NZL
7:54.76 NANCYE MITCHELL AUS
7:54.92 DAPHNE GILBERT GBR
8:10.76 CLARA SOTAK USA
8:11.21 NORMA RUDOLPH AUS

800 M. FREE

14:52.91 GRACE ALTUS USA
15:25.92 LOIS NOCHMAN USA
16:08.02 KAZUKO YAMANAKA JPN
16:10.44 DAPHNE GILBERT GBR
16:12.25 OLGA JOHNSON NZL
16:40.34 NORMA RUDOLPH AUS
16:45.45 FUMI MURATA JPN
16:55.38 BETTY STERN AUS
16:57.70 CLARA SOTAK USA
16:59.15 BERYL GRACE AUS

1500 M. FREE

26:18.70 PETEY SMITH USA
27:53.89 GRACE ALTUS USA
29:06.49 LOIS NOCHMAN USA
30:31.34 KAZUKO YAMANAKA JPN
31:35.42 NORMA RUDOLPH AUS
32:09.37 NANCYE MITCHELL AUS
32:18.28 BETTY STERN AUS
32:18.97 BERYL GRACE AUS
32:44.15 FUMI MURATA JPN
33:07.99 LIZ LUBBERS NZL

50 M. BACK

48.19 REGAN KENNER USA
48.34 JEANNE MERRYMAN USA
48.47 MARGERY MEYER USA
49.39 GRETE PFANNMULLER GER
50.10 MIDORI KINJOU JPN
50.10 BETTY CONDON GBR
50.11 BETTY CHRISTIAN USA
50.76 OLGA JOHNSON NZL
51.96 IRENE ATHANS CAN
51.98 BETTY STERN AUS

100 M. BACK

1:43.97 REGAN KENNER USA
1:48.14 JEANNE MERRYMAN USA
1:52.55 NATSU OOKI JPN
1:54.43 MARGERY MEYER USA
1:54.99 IRENE ATHANS CAN
1:56.82 LOIS NOCHMAN USA
1:57.31 BETTY STERN AUS
1:58.50 CATHERINE KERR CAN
1:58.91 DIANA SILVA USA
1:59.44 BETTY CONDON GBR

200 M. BACK

3:39.24 REGAN KENNER USA
3:57.19 CATHERINE KERR CAN
3:58.93 MARGARET EVANS GBR
3:59.52 MARGERY MEYER USA
4:00.49 JEANNE MERRYMAN USA
4:02.62 NATSU OOKI JPN
4:09.88 LOIS NOCHMAN USA
4:13.37 NANCY PHILLIPS USA
4:15.01 BETTY STERN AUS
4:21.40 MAUREEN STRICHEN NZL

50 M. BRST

50.09 MIYAKO SUZUKI JPN
50.40 AGNES PLISSON FRA
50.79 TSUNEKO MITA JPN

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

53.20 BETTY CHRISTIAN USA
53.39 INGEBORG FRITZE GER
55.47 IRENE ATHANS CAN
56.09 GERTRUD MEERWALD GER
57.39 HETI ZIEGLER GER
57.51 J. DRAKE-BROCKMAN AUS
57.62 MARION DUTTON AUS

100 M. BRST

1:50.57 MIYAKO SUZUKI JPN
1:51.73 MARGARET EVANS GBR
1:53.81 AGNES PLISSON FRA
1:54.30 REGAN KENNER USA
1:58.36 BETTY CHRISTIAN USA
2:00.49 INGEBORG FRITZE GER
2:00.70 HILDEGARD MESSING GER
2:01.03 IRENE ATHANS CAN
2:03.13 GRE SCHONBERGER NED
2:06.28 LOIS NOCHMAN USA

200 M. BRST

4:03.81 AGNES PLISSON FRA
4:03.86 REGAN KENNER USA
4:20.81 BETTY CHRISTIAN USA
4:25.83 MURIEL FLYNN USA
4:32.96 SUMIKO YANAGISAWA JPN
4:37.28 JAE HOWELL USA
4:37.80 LOIS NOCHMAN USA
4:44.12 SETSUKO ARIMITSU JPN
4:45.22 GRE SCHONBERGER NED
4:53.35 PAULINE STANGEL USA

50 M. FLY

46.86 LOIS NOCHMAN USA
52.93 MARGARET EVANS GBR
53.94 KIYOKO NAKAJIMA JPN
54.38 AGNES PLISSON FRA
54.44 CATHERINE KERR CAN
54.48 SUGAKO KUWAYAMA JPN
55.92 DIANA SILVA USA
55.97 BERYL GRACE AUS
56.50 JEANNE MERRYMAN USA
58.59 GERTRUD MEERWALD GER

100 M. FLY

1:54.16 LOIS NOCHMAN USA
1:57.43 MARGARET EVANS GBR
1:57.52 CATHERINE KERR CAN
2:16.48 JAE HOWELL USA
2:17.53 JUNE REYNOLDS USA
2:17.97 KIYOKO NAKAJIMA JPN
2:18.58 MARY WIXTED USA
2:19.37 DIANA SILVA USA
2:19.62 FUMI MURATA JPN
2:28.59 BERYL GRACE AUS

200 M. FLY

4:05.45 LOIS NOCHMAN USA
4:20.60 MARGARET EVANS GBR
4:48.97 JANE DOUGHERTY USA
4:51.89 JAE HOWELL USA
4:53.39 JUNE REYNOLDS USA
5:38.50 BETTY STERN AUS
5:54.45 NORMA RUDOLPH AUS
7:06.89 ELFIE STEVENIN USA

100 M. I.M.

1:45.02 AGNES PLISSON FRA
1:54.16 LOIS NOCHMAN USA
1:56.24 MARION DUTTON AUS
1:56.93 ELLA CARMICHAEL USA
1:57.21 MARGERY MEYER USA
1:57.47 HISAKO KIMOTO JPN
2:01.52 DIANA SILVA USA
2:04.62 JAE HOWELL USA
2:05.60 GERTRUD MEERWALD GER
2:05.78 OLGA JOHNSON NZL

200 M. I.M.

3:57.49 LOIS NOCHMAN USA
3:58.41 AGNES PLISSON FRA
4:24.07 MARION DUTTON AUS
4:26.25 JAE HOWELL USA
4:27.06 ELLA CARMICHAEL USA
4:28.32 DIANA SILVA USA
4:38.66 MARY WIXTED USA
4:40.59 GRACE ALTUS USA

4:42.63 TOMOE TOYOKAWA JPN
4:42.88 KIYOMI KITAMURA JPN

400 M. I.M.

8:06.71 MARGARET EVANS GBR
8:22.17 LOIS NOCHMAN USA
8:42.66 AGNES PLISSON FRA
9:11.55 JAE HOWELL USA
9:12.21 FUMI MURATA JPN
9:22.94 DIANA SILVA USA
9:48.22 JANE DOUGHERTY USA
9:48.64 BETTY STERN AUS
9:49.05 JUNE REYNOLDS USA
10:22.23 M. CHIPPERFIELD AUS

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

50 M. FREE

45.28 AUDREY GATHERCOLE GBR
49.16 MARJORIE SHARPE USA
49.25 EDNA FARRELL NZL
49.52 SUMIKO KOIZUMI JPN
49.56 ANNE WALKER USA
49.63 KAY SCHIMPF USA
49.90 CHARLOTTE THIEL GER
50.31 GERTRUD ZINT USA
52.45 TOKI FUKAZAWA JPN
53.06 TAZUKO MITOOKA JPN

100 M. FREE

1:42.42 RITA SIMONTON USA
1:44.39 MARJORIE SHARPE USA
1:45.63 AUDREY GATHERCOLE GBR
1:48.14 SUMIKO KOIZUMI JPN
1:55.37 KAY SCHIMPF USA
1:57.11 ANNE WALKER USA
1:57.54 EDNA FARRELL NZL
1:58.90 MASA SHIGEMITSU JPN
2:02.31 Y FRISCHHERTZ USA
2:05.57 TOKI FUKAZAWA JPN

200 M. FREE

3:41.83 RITA SIMONTON USA
3:53.41 MARJORIE SHARPE USA
4:09.73 KAY SCHIMPF USA
4:22.98 Y FRISCHHERTZ USA
4:27.53 ZADA TAFT USA
4:37.74 LILIAN JOHNSON AUS
4:40.85 NELL CAREW AUS
4:42.33 KAZUE HANASAKI JPN
4:50.64 SHIZUKO OOSAWA JPN
4:54.94 BONNIE SMITH AUS

400 M. FREE

7:48.45 RITA SIMONTON USA
7:56.54 MARJORIE SHARPE USA
8:42.22 KAY SCHIMPF USA
9:07.51 GERTRUD ZINT USA
9:48.74 KAZUE HANASAKI JPN
9:50.53 SALLY JOY USA
9:57.94 Y FRISCHHERTZ USA
10:03.86 PERSIS RAE AUS
10:31.49 LENIS CARTIER GBR
10:41.47 MARIE KREIPE USA

800 M. FREE

16:36.09 MARJORIE SHARPE USA
18:23.84 GERTRUD ZINT USA
18:26.73 KAY SCHIMPF USA
19:46.09 TSUYA KAWAMURA JPN
21:21.78 LENIS CARTIER GBR
22:14.90 NELL CAREW AUS
22:15.88 CHIYOKO ISHIKAWA JPN
24:09.06 ANNELIESE ZOELLER USA
24:19.43 MASAKO MATSUNO JPN
34:41.92 ROSE ANNE LECLERC CAN

1500 M. FREE

30:07.04 RITA SIMONTON USA
31:23.23 MARJORIE SHARPE USA
35:04.26 KAY SCHIMPF USA
35:05.78 GERTRUD ZINT USA
37:24.78 TSUYA KAWAMURA JPN
39:04.38 Y FRISCHHERTZ USA
42:48.61 NELL CAREW AUS

43:48.80 CHIYOKO ISHIKAWA JPN
67:02.56 ROSE ANNE LECLERC CAN

50 M. BACK

53.41 SUMIKO KOIZUMI JPN
53.60 CHARLOTTE THIEL GER
56.00 GERTRUD ZINT USA
57.01 ANNE WALKER USA
57.31 AUDREY GATHERCOLE GBR
57.69 HIDEKO HANADA JPN
58.48 AUDREY ETIENNE USA
59.74 EDNA FARRELL NZL
59.84 Y FRISCHHERTZ USA
59.99 PERSIS RAE AUS

100 M. BACK

1:59.44 SUMIKO KOIZUMI JPN
2:00.89 PERSIS RAE AUS
2:01.86 ANNE WALKER USA
2:08.12 GERTRUD ZINT USA
2:12.16 Y FRISCHHERTZ USA
2:13.23 KAY SCHIMPF USA
2:14.79 EDNA FARRELL NZL
2:15.74 EDITH GLUSAC USA
2:16.93 KIYOKO MITOKU JPN
2:17.56 ZADA TAFT USA

200 M. BACK

4:15.74 ANNE WALKER USA
4:27.18 SUMIKO KOIZUMI JPN
4:32.35 GERTRUD ZINT USA
4:36.61 Y FRISCHHERTZ USA
4:47.14 KIYOKO MITOKU JPN
5:12.60 INGER ANDERSEN DEN
5:17.23 EDITH GLUSAC USA
5:32.39 LOIS ELLERT USA
5:36.02 EMILY GODSALL GBR
5:36.27 KAZUE HANASAKI JPN

50 M. BRST

54.99 AUDREY GATHERCOLE GBR
55.12 GERTRUD ZINT USA
56.69 MICHIKO HAMURO JPN
58.50 CHARLOTTE THIEL GER
59.98 FUSAKO TOMINARI JPN
1:02.64 SALLY JOY USA
1:03.96 EDITH GLUSAC USA
1:04.38 KAY SCHIMPF USA
1:05.72 HARUKO NIIMURA JPN
1:06.09 C.SPINDELNDREHER GER

100 M. BRST

2:03.82 AUDREY GATHERCOLE GBR
2:04.38 GERTRUD ZINT USA
2:16.46 RITA SIMONTON USA
2:18.33 KAY SCHIMPF USA
2:23.71 SALLY JOY USA
2:24.86 RUTH DAVIES CAN
2:25.03 EDITH GLUSAC USA
2:28.07 PERSIS RAE AUS
2:30.55 GISELA REINSCH GER
2:30.67 HARUKO NIIMURA JPN

200 M. BRST

4:42.20 GERTRUD ZINT USA
4:45.96 RITA SIMONTON USA
5:02.23 RUTH DAVIES CAN
5:07.95 HARUKO NIIMURA JPN
5:24.36 SALLY JOY USA
5:25.65 EDITH GLUSAC USA
5:33.84 ANNELIESE ZOELLER USA
5:49.49 ANNCHEN REILE GER
6:53.36 HELENA HOFFMAN USA
7:49.70 NANCY RITTSON AUS

50 M. FLY

59.07 GERTRUD ZINT USA
1:02.11 ZADA TAFT USA
1:02.85 KAY SCHIMPF USA
1:04.65 SALLY JOY USA
1:13.73 ROSEMARY KARIKER USA
1:14.06 MARIE KREIPE USA
1:14.83 SACHIKO UDA JPN
1:17.23 INGER ANDERSEN DEN
1:17.95 TSUYA KAWAMURA JPN
1:18.90 EDITH GLUSAC USA

100 M. FLY

2:25.74 KAY SCHIMPF USA
2:32.20 ZADA TAFT USA
2:46.80 HELEN ROUMASSET USA
2:51.65 ROSEMARY KARIKER USA
3:50.44 HELENA HOFFMAN USA
5:34.64 ROSE ANNE LECLERC CAN

200 M. FLY

5:39.59 KAY SCHIMPF USA
6:15.13 ROSEMARY KARIKER USA
8:14.62 HELENA HOFFMAN USA
11:26.29 ROSE ANNE LECLERC CAN

100 M. I.M.

2:02.84 GERTRUD ZINT USA
2:04.55 MICHIKO HAMURO JPN
2:07.34 MARIA LENK BRA
2:13.16 KAY SCHIMPF USA
2:15.61 SALLY JOY USA
2:28.72 RUTH DAVIES CAN
2:32.19 EDITH GLUSAC USA
2:33.12 PERSIS RAE AUS
2:35.84 MARIE KREIPE USA
2:38.16 ROSEMARY KARIKER USA

200 M. I.M.

4:38.73 GERTRUD ZINT USA
4:47.99 KAY SCHIMPF USA
5:10.46 ZADA TAFT USA
5:42.66 MARIE KREIPE USA
5:48.69 ROSEMARY KARIKER USA
5:57.81 SHIZUKO OOSAWA JPN
6:41.54 HELENA HOFFMAN USA
9:22.37 ROSE ANNE LECLERC CAN

400 M. I.M.

9:58.67 GERTRUD ZINT USA
10:11.35 KAY SCHIMPF USA
11:19.20 ZADA TAFT USA
12:04.50 ROSEMARY KARIKER USA
13:45.00 HELENA HOFFMAN USA
19:18.15 ROSE ANNE LECLERC CAN

****
WOMEN 80-84
****

50 M. FREE

45.40 HATSUHO SUGAYA JPN
50.99 GRETE HARNISCH GER
51.50 EDITH HEWITT GBR
52.10 NELLA GAMENARA ITA
58.49 EMMI PAULI GER
1:02.59 JOYCE KENNEDY AUS
1:03.00 ELAINE ANDERSON AUS
1:05.61 MADELEINE MILLER USA
1:07.40 RITA DAVAGLIO ITA
1:07.52 AGNES ROMAYKO USA

100 M. FREE

1:48.30 HATSUHO SUGAYA JPN
1:49.49 UME WADA JPN
1:52.20 MARIE WICKLUN USA
1:52.52 NANCY CLARK USA
1:53.54 EDITH HEWITT GBR
1:59.33 JEAN DURSTON USA
2:03.90 NELLA GAMENARA ITA
2:26.15 AGNES ROMAYKO USA
2:32.10 RITA DAVAGLIO ITA
2:35.03 MARION MUELLER USA

200 M. FREE

4:07.41 JEAN DURSTON USA
4:07.83 EDITH HEWITT GBR
4:20.06 MARIE WICKLUN USA
4:33.40 NELLA GAMENARA ITA
5:14.20 RITA DAVAGLIO ITA
5:16.74 AGNES ROMAYKO USA
5:41.64 MADELEINE MILLER USA
5:45.84 RUTH RIDENOUR USA
5:49.59 ANNE WILDER USA
6:35.37 AYAKO TAKADA JPN

400 M. FREE

8:39.15 JEAN DURSTON USA
9:50.80 NELLA GAMENARA ITA
11:02.66 AGNES ROMAYKO USA
12:43.66 EDITH HENDRY USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

15:41.40 GRACE HACKETT AUS
800 M. FREE
17:51.63 JEAN DURSTON USA
20:46.20 NELLA GAMENARA ITA
24:03.04 RUTH HAMILTON USA
32:40.23 GRACE HACKETT AUS
1500 M. FREE
34:13.00 JEAN DURSTON USA
45:56.92 RUTH HAMILTON USA
50 M. BACK
59.36 MARIE WICKLUN USA
1:04.91 EDITH HEWITT GBR
1:08.59 EMMI PAULI GER
1:08.70 RITA DAVAGLIO ITA
1:10.79 DOROTHEA BLASSNIG GER
1:13.01 KIYOKO KANO JPN
1:13.70 NELLA GAMENARA ITA
1:15.70 BUZ CATLIN USA
1:15.80 DOROTHY BULLEN CAN
1:18.09 HELEN OFFENHAUSER USA
100 M. BACK
2:07.71 MARIE WICKLUN USA
2:31.21 MADELEINE MILLER USA
2:31.38 MARION MUELLER USA
2:34.80 RITA DAVAGLIO ITA
2:42.70 NELLA GAMENARA ITA
2:46.72 EVA MULLER USA
2:52.15 BUZ CATLIN USA
3:00.59 JOYCE KENNEDY AUS
3:11.60 DOROTHY BULLEN CAN
200 M. BACK
4:35.38 MARIE WICKLUN USA
5:10.40 RITA DAVAGLIO ITA
5:48.72 MADELEINE MILLER USA
5:50.88 EVA MULLER USA
7:00.61 DOROTHY BULLEN CAN
8:02.60 BERNARDO ANGULO ESP
50 M. BRST
57.49 EMMI PAULI GER
1:03.59 GRETE HARNISCH GER
1:10.29 DOROTHEA BLASSNIG GER
1:16.59 LILO BRYCE CAN
1:21.44 BUZ CATLIN USA
1:22.56 MADELEINE MILLER USA
1:39.70 FUMI KATOU JPN
1:39.94 ANNE WILDER USA
1:41.95 GRETHE HANSEN DEN
1:42.06 MAY TROMP AUS
100 M. BRST
2:08.89 EMMI PAULI GER
2:24.59 GRETE HARNISCH GER
2:30.50 UME WADA JPN
2:34.21 JEAN DURSTON USA
2:39.52 EDITH HEWITT GBR
2:55.24 LILO BRYCE CAN
3:04.08 HILDA BUEL USA
3:10.44 MADELEINE MILLER USA
3:43.23 ANNE WILDER USA
200 M. BRST
7:14.44 MADELEINE MILLER USA
50 M. FLY
1:03.26 JEAN DURSTON USA
1:12.46 NANCY CLARK USA
1:16.39 EDITH HEWITT GBR
1:22.11 ANNE WILDER USA
1:38.19 BUZ CATLIN USA
1:40.31 EVA MULLER USA
1:58.94 F DOROTHY RIORDAN USA
100 M. FLY
2:28.34 JEAN DURSTON USA
3:15.25 ANNE WILDER USA
3:50.53 BUZ CATLIN USA
200 M. FLY
6:55.74 ANNE WILDER USA
100 M. I.M.
2:18.82 JEAN DURSTON USA
2:19.47 EDITH HEWITT GBR
2:49.67 EVA MULLER USA
2:52.22 HILDA BUEL USA
2:54.01 BUZ CATLIN USA

3:29.87 RUTH RIDENOUR USA
3:32.48 MARION MUELLER USA
3:33.69 F DOROTHY RIORDAN USA
4:29.05 MAY TROMP AUS
200 M. I.M.
4:52.31 JEAN DURSTON USA
400 M. I.M.
10:09.01 JEAN DURSTON USA
14:33.06 ANNE WILDER USA

****
WOMEN 85-89
****
50 M. FREE
1:15.58 TSUNE HIRASE JPN
1:17.01 M.GOTTSCHALK GER
50 M. BACK
1:10.80 M.GOTTSCHALK GER
1:30.56 TSUNE HIRASE JPN
50 M. BRST
1:17.19 M.GOTTSCHALK GER
1:29.09 MIA LAUBENHEIMER GER
100 M. BRST
2:56.09 M.GOTTSCHALK GER
3:14.63 YOSHI KUCHIBA JPN

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

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

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

****
M E N 25-29
****
50 M. FREE
23.02 BJORN ZIKARSKY USA
23.24 WINSTON RITCHEY USA
23.64 NEILL WILLIAMS USA
23.75 CRAIG EDDLESTON GBR
23.85 TORGEIR EKKJE NOR
24.04 ALLAN HYLKE DEN
24.20 J.PRONEK CZE
24.23 STEVE REED USA
24.36 OYVIND MILLER NOR
24.37 TODD OAKES USA
100 M. FREE
50.86 BJORN ZIKARSKY USA
52.33 WINSTON RITCHEY USA
52.42 MC CARTHY GER
52.82 NEIL TAIT GBR
53.21 C.ALEFELDER GBR
53.24 CRAIG EDDLESTON GBR
53.50 TODD OAKES USA
53.53 TORGEIR EKKJE NOR
53.65 C.KJOLHOLDT NOR
53.85 ALLEN THOMAS USA
200 M. FREE
1:52.55 JENS BUNGER GER
1:54.10 MC CARTHY GER
1:55.40 BJORN ZIKARSKY USA
1:55.46 NEIL TAIT GBR
1:56.15 DAVID TYLER USA
1:57.07 BERND FELDVOSS GER
1:57.57 WINSTON RITCHEY USA
1:58.99 MARK THOMPSON AUS
1:59.20 ADRIANO GRADI ITA
2:00.30 A.LAVEGLIA ITA
400 M. FREE
4:08.63 NEIL TAIT GBR
4:08.89 BERND FELDVOSS GER
4:10.02 BJORN ZIKARSKY USA
4:15.52 JOHN PEARSON USA
4:17.11 BRAM TESTER USA

4:19.82 ERIK V DARTEL NED
4:21.38 STEPHEN STAHL USA
4:21.99 JOOST KUIJLAARS NED
4:23.48 THORSTEN ANDERSON USA
4:24.05 D.COUDENYS BEL
800 M. FREE
8:40.21 BERND FELDVOSS GER
9:00.10 ERIK V DARTEL NED
9:00.95 BRAM TESTER USA
9:02.87 JOOST KUIJLAARS NED
9:10.06 RANDALL EICKHOFF USA
9:13.89 MICHAEL COLLINS USA
9:19.83 THORSTEN ANDERSON USA
9:35.10 JOE VRUNDY USA
9:35.27 RAYMOND PRZYBYSZ CAN
9:37.09 DAVID NEWMAN USA
1500 M. FREE
16:31.71 BERND FELDVOSS GER
17:02.33 BRAM TESTER USA
17:28.57 RANDALL EICKHOFF USA
17:48.33 THORSTEN ANDERSON USA
17:52.79 FRANK TIEDEMANN GER
18:00.79 ANDREAS LANGE GER
18:02.81 MASAHITO SASAKI JPN
18:10.40 STUART MORRISH GBR
18:17.59 JOHN O'BEIRNE USA
18:25.49 RAYMOND PRZYBYSZ CAN
50 M. BACK
25.43 MARTIN HARRIS GBR
27.84 GEORG MILLER SUI
27.89 MOOK RHODENBAUGH USA
27.97 FINN VISTRUP DEN
28.32 ALLAN HYLKE DEN
28.33 WALTER VERBERGHT BEL
28.73 ARI JAAKKOLA FIN
28.80 J.SATRA CZE
28.97 GUIDO KEUTGEN NED
29.00 EIRIK IHLE NOR
100 M. BACK
55.97 MARTIN HARRIS GBR
59.62 GEORG MILLER SUI
59.73 FINN VISTRUP DEN
59.89 BERND FELDVOSS GER
1:00.31 BJORN ZIKARSKY USA
1:00.93 DARRYL FOLLOWS NZL
1:01.42 MARC VERBEECK BEL
1:02.10 EIRIK IHLE NOR
1:02.29 RAYMOND PRZYBYSZ CAN
1:02.33 JEFFREY RODDIN USA
200 M. BACK
2:01.78 MARTIN HARRIS GBR
2:06.90 FINN VISTRUP DEN
2:08.62 BERND FELDVOSS GER
2:12.36 GEORG MILLER SUI
2:14.41 SCOTT EWALT USA
2:15.19 RAYMOND PRZYBYSZ CAN
2:16.10 THOMAS CREECH USA
2:16.80 STEFANO SCIALANGA ITA
2:17.50 RENE BEETSMA NED
2:17.74 PAUL RYDER USA
50 M. BRST
30.05 GEORG MILLER SUI
30.09 V. MONTEMARANO USA
30.52 NEILL WILLIAMS USA
30.82 MATTHEW GOMEZ GBR
30.89 FRANK IBERLE GER
31.11 MATTHEW ROBINSON GBR
31.20 MANABU ANDOU JPN
31.22 BENGT STAVELAND NOR
31.23 KENICHI NAKAO JPN
31.29 ANDREAS KIRCHNER GER
100 M. BRST
1:03.77 JENS BUNGER GER
1:05.27 NEILL WILLIAMS USA
1:06.16 GEORG MILLER SUI
1:06.68 V. MONTEMARANO USA
1:06.84 CHRIS GRIDER USA
1:07.56 KENICHI NAKAO JPN
1:07.57 LUC VAN DE VONDEL BEL
1:08.59 MATTHEW ROBINSON GBR

1:08.70 MARCO POMPONI ITA
1:08.85 HIROSHI RACHI JPN
200 M. BRST
2:24.02 CHRIS GRIDER USA
2:26.56 THOMAS KIPP GER
2:27.28 NEILL WILLIAMS USA
2:30.27 KENICHI NAKAO JPN
2:30.64 D.COUDENYS BEL
2:31.06 V. MONTEMARANO USA
2:31.18 LUC VAN DE VONDEL BEL
2:32.24 SIMON HARRISON GBR
2:33.60 M.LOTTI ITA
2:33.75 JOHN DOOLITTLE USA
50 M. FLY
25.61 NEILL WILLIAMS USA
25.94 C.KJOLHOLDT NOR
25.99 BENGT STAVELAND NOR
26.11 STEVE REED USA
26.20 V.YAROSCHUK UKR
26.20 ALLAN HYLKE DEN
26.20 WINSTON RITCHEY USA
26.26 C.ALEFELDER GBR
26.44 KEITH KAPLAN USA
26.51 KEVIN WOODWARD GBR
100 M. FLY
57.22 BENGT STAVELAND NOR
58.03 NEILL WILLIAMS USA
58.89 MASAKAZU HIRATA JPN
58.91 C.ALEFELDER GBR
58.93 MANABU TSUJI JPN
59.20 A.LAVEGLIA ITA
59.20 DOUG WAGNER USA
59.40 V.FARAFONOV RUS
59.47 DAVID CHANEY GBR
59.67 JENS JAKOBSEN DEN
200 M. FLY
2:12.77 BERT VAN POUCKE BEL
2:16.68 STEPHEN STAHL USA
2:17.32 BRAM TESTER USA
2:17.47 RANDALL EICKHOFF USA
2:17.50 RENE BEETSMA NED
2:20.43 D.COUDENYS BEL
2:20.55 SIMON EMM GBR
2:20.64 MARTY SARUSSI USA
2:21.06 STUART CROMARTY USA
2:21.07 THOMAS CREECH USA
100 M. I.M.
57.58 MARTIN HARRIS GBR
59.62 GEORG MILLER SUI
1:01.05 V. MONTEMARANO USA
1:01.38 JEROME FRENTOS USA
1:01.42 CHRIS GRIDER USA
1:01.44 THOMAS ZETZMANN GER
1:01.50 V.FARAFONOV RUS
1:01.69 OYVIND MILLER NOR
1:01.70 DOUG WAGNER USA
1:01.75 CRAIG EDDLESTON GBR
200 M. I.M.
2:11.20 JEROME FRENTOS USA
2:12.23 BJORN ZIKARSKY USA
2:12.29 MC CARTHY GER
2:12.72 CHRIS GRIDER USA
2:12.91 NEILL WILLIAMS USA
2:13.16 WALTER VERBERGHT BEL
2:14.05 DOUG WAGNER USA
2:14.70 V.FARAFONOV RUS
2:15.00 A.LAVEGLIA ITA
2:15.59 JOHAN STEINER USA
400 M. I.M.
4:40.82 JEROME FRENTOS USA
4:47.37 DOUG WAGNER USA
4:51.05 CHRIS GRIDER USA
4:51.89 PETER O'SULLIVAN GBR
4:54.08 JOHN PEARSON USA
4:54.09 ANDREAS LANGE GER
4:54.36 BRAM TESTER USA
4:55.52 JOHAN STEINER USA
4:59.47 JEFFREY RODDIN USA
5:01.29 MICHAEL HEIMSOTH GER

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

M E N 30-34

50 M. FREE

24.07	ROBERT KILLEEN	USA
24.10	JOE REINHARDT	USA
24.11	BRYAN BALDWIN	USA
24.11	ROLAND LEE	GBR
24.30	JANNE VIRTANEN	FIN
24.34	MARCEL EKKELBOOM	NED
24.41	MARTIN RODSETH	NOR
24.50	ALVISE RITTORE	ITA
24.50	JAMES MORRIS	GBR
24.51	CLAY BRITT	USA

100 M. FREE

52.22	BRUCE HAYES	USA
53.17	ROLAND LEE	GBR
53.51	STEFAN VOLERY	SUI
53.55	EDWIN NORDEN	NED
53.87	MARTIN RODSETH	NOR
54.02	RIKU ARAMO	FIN
54.03	CRAIG MALLERY	USA
54.04	DAVID MICHAELS	USA
54.09	MARCEL EKKELBOOM	NED
54.19	HARTMUT TURK	GER

200 M. FREE

1:52.83	BRUCE HAYES	USA
1:55.51	ROLAND LEE	GBR
1:56.90	EDWIN NORDEN	NED
1:59.93	IAN BECK	GBR
2:00.19	DAVID MICHAELS	USA
2:00.57	STUART CROMARTY	USA
2:00.83	OLIVIER DELFOSSE	BEL
2:00.89	GERRY RODRIGUES	USA
2:01.24	CRAIG NORREY	GBR
2:01.50	LEON VERHAGE	NED

400 M. FREE

3:59.83	BRUCE HAYES	USA
4:10.11	GERRY RODRIGUES	USA
4:10.80	ROLAND LEE	GBR
4:11.10	EDWIN NORDEN	NED
4:20.84	ANATOL PFEIFFER	GER
4:23.50	DAMIANO NANETTI	ITA
4:24.13	ERIK KIELIN	USA
4:25.13	STEPHEN SEGRETO	USA
4:25.73	STUART CROMARTY	USA
4:25.96	STEVEN FISHER	USA

800 M. FREE

8:19.44	BRUCE HAYES	USA
8:46.13	EDWIN NORDEN	NED
8:52.11	ANATOL PFEIFFER	GER
9:09.54	GERRY RODRIGUES	USA
9:16.25	C.WILLIAMS	USA
9:16.42	ERIK KIELIN	USA
9:18.81	STUART CROMARTY	USA
9:22.47	MICHAEL MOORE	USA
9:26.29	PETER GARRETT	USA
9:26.95	STEVEN CZEKALA	USA

1500 M. FREE

16:21.25	BRUCE HAYES	USA
17:13.28	GERRY RODRIGUES	USA
17:16.28	STEVEN FISHER	USA
17:30.21	ERIK KIELIN	USA
17:50.25	STUART CROMARTY	USA
17:51.59	SERGE SCORE	CAN
18:12.86	STEVE HAM	GBR
18:19.34	K.V OVERBEEKE	NED
18:26.80	JACK STAVROS	USA
18:28.13	JEFF CROSSON	USA

50 M. BACK

26.58	JAY YARID	USA
28.03	CRAIG NORREY	GBR
28.30	PAOLO FELOTTI	ITA
28.41	JOE REINHARDT	USA
28.50	PETTER ULVESTAD	NOR
28.86	KEN COOPER	USA
28.97	EDWIN NORDEN	NED
28.99	JURGEN KORZEN	GER
29.16	ANDE RASMUSSEN	USA
29.20	MARCO COLOMBO	ITA

100 M. BACK

59.22	CLAY BRITT	USA
1:00.02	PETTER ULVESTAD	NOR
1:01.29	PAOLO FELOTTI	ITA
1:01.59	JOE REINHARDT	USA
1:01.86	EDWIN NORDEN	NED
1:02.19	KEN COOPER	USA
1:02.46	CRAIG NORREY	GBR
1:02.86	MOTOMU SUZUKI	JPN
1:03.29	LUTZ MOSES	GER
1:03.82	MIKE BRETT	GBR

200 M. BACK

2:11.64	EDWIN NORDEN	NED
2:12.31	JOE REINHARDT	USA
2:16.45	CLAY BRITT	USA
2:20.58	THEODORE KRUCKEL	USA
2:21.75	MOTOMU SUZUKI	JPN
2:22.16	CHRISTIAN DARBY	USA
2:22.31	JURGEN GOOSSENS	BEL
2:22.40	ANDREW SMALL	GBR
2:22.55	TOM SMITH	USA
2:22.85	CRAIG PETERSON	USA

50 M. BRST

29.34	DEAN PUTTERMAN	USA
29.55	GREG RHODENBAUGH	USA
29.82	FRANK VIJVER	NED
30.00	A.SHIDLOVSKIY	UKR
30.39	FRANK IBERLE	GER
30.39	PETER MCCLAFFERTY	USA
30.74	DAVID GUTHRIE	USA
31.15	KONSTANTIN PETROV	KAZ
31.16	KAMERON WELLS	USA
31.23	DAVID MILBURN	GBR

100 M. BRST

1:04.23	FRANK VIJVER	NED
1:05.96	PETER MCCLAFFERTY	USA
1:06.06	DEAN PUTTERMAN	USA
1:07.54	DAVID MILBURN	GBR
1:07.80	A.SHIDLOVSKIY	UKR
1:08.22	SERGE SCORE	CAN
1:08.97	THOMAS ERNSTING	USA
1:09.46	DARREN AITCHISON	GBR
1:09.49	ROB CHENAULT	USA
1:09.99	EDWIN NORDEN	NED

200 M. BRST

2:24.86	DAVID GUTHRIE	USA
2:25.03	PETER MCCLAFFERTY	USA
2:25.88	EDWIN NORDEN	NED
2:29.11	SERGE SCORE	CAN
2:29.56	THOMAS ERNSTING	USA
2:30.07	DARREN AITCHISON	GBR
2:31.66	DAVID MILBURN	GBR
2:33.27	ANDREW BRENAN	USA
2:33.59	ROBERT FUENTES	USA
2:38.97	DOUGLAS GOLDER	GBR

50 M. FLY

25.60	BOBBY PATTEN	USA
26.38	DEAN PUTTERMAN	USA
26.38	IAN BECK	GBR
26.50	KONSTANTIN PETROV	KAZ
26.65	LEON VERHAGE	NED
26.69	DAVID EMERSON	GBR
26.70	EDWIN NORDEN	NED
26.72	BRYAN BALDWIN	USA
26.90	ROBERTO TARRICONE	ITA
26.97	CLAY BRITT	USA

100 M. FLY

58.68	IAN BECK	GBR
58.84	DAVID EMERSON	GBR
59.29	LUTZ MOSES	GER
59.96	STEPHEN SEGRETO	USA
1:00.06	CRAIG MALLERY	USA
1:00.16	BRYAN BALDWIN	USA
1:00.42	TODD COOPER	USA
1:00.82	JASON CRIST	USA
1:00.85	CARLOS COLOM	USA
1:00.87	FRANK MACIEJEWSKI	USA

200 M. FLY

2:08.93	IAN BECK	GBR
2:14.10	DAMIANO NANETTI	ITA
2:17.06	STEPHEN SEGRETO	USA
2:19.12	KEVIN SMITH	GBR
2:20.13	CHRIS EHMKE	USA
2:20.76	STEVEN FISHER	USA
2:22.53	CARLOS COLOM	USA
2:23.06	ROBERT FUENTES	USA
2:24.02	STEVEN CZEKALA	USA
2:24.76	JURGEN GOOSSENS	BEL

100 M. I.M.

1:00.46	JAY YARID	USA
1:00.87	BRYAN BALDWIN	USA
1:00.95	EDWIN NORDEN	NED
1:01.26	JOE REINHARDT	USA
1:02.13	PETTER ULVESTAD	NOR
1:02.18	TODD COOPER	USA
1:02.45	CLAY BRITT	USA
1:02.58	MARTIN RODSETH	NOR
1:02.70	PETER MCCLAFFERTY	USA
1:02.90	G.GALANTUCCI	ITA

200 M. I.M.

2:12.59	ROLAND LEE	GBR
2:14.97	PETER MCCLAFFERTY	USA
2:15.11	TODD COOPER	USA
2:16.85	ALAN VOISARD	USA
2:17.29	EDWIN NORDEN	NED
2:18.51	PETTER ULVESTAD	NOR
2:19.20	G.GALANTUCCI	ITA
2:20.06	STEPHEN SEGRETO	USA
2:20.64	THOMAS ERNSTING	USA
2:20.82	TOMAS OLIVA	CAN

400 M. I.M.

4:35.97	BRUCE HAYES	USA
4:43.72	ROLAND LEE	GBR
4:54.05	GERRY RODRIGUES	USA
4:56.13	ALAN VOISARD	USA
4:56.57	TODD COOPER	USA
5:01.46	RANDY COX	USA
5:02.69	ROBERT FUENTES	USA
5:04.42	DAMIANO NANETTI	ITA
5:04.97	ANDREW BRENAN	USA
5:06.44	DARREN AITCHISON	GBR

M E N 35-39

50 M. FREE

23.80	BRUCE STAHL	USA
24.66	RICHARD HESS	USA
24.71	JIM MONTGOMERY	USA
24.80	MATTIA FLORIT	ITA
24.96	BRENT BARNS	JPN
25.00	L.MEISENHEIMER	USA
25.18	PAUL MORRIS	GBR
25.20	JOSE CUNNINGHAM	USA
25.23	PETER NUNAN	USA
25.30	PHILIPPE NOEL	BEL

100 M. FREE

52.64	MARK MORGAN	AUS
53.52	BRUCE STAHL	USA
54.06	L.MEISENHEIMER	USA
54.93	PAUL MORRIS	GBR
55.42	RANDOLF HEGNA	NOR
55.43	MAX STINCHCOMBE	USA
55.65	OYVIND ERIKSEN	NOR
55.99	JAMES BALLARD	USA
56.02	DAVID MARTIN	AUS
56.24	BRENT BARNS	JPN

200 M. FREE

1:57.08	MARK MORGAN	AUS
1:57.31	L.MEISENHEIMER	USA
2:01.73	GARY QUINN	USA
2:04.07	THOMAS REUDY	USA
2:04.79	JAMES CALHOUN	USA
2:05.60	RICHARD WIENECKE	USA
2:05.62	RUSSELL FLETCHER	AUS
2:06.14	ALAN MCCLATCHEY	GBR
2:06.20	BRUCE STAHL	USA
2:06.37	STEVE PRESCOTT	NZL

400 M. FREE

4:19.04	L.MEISENHEIMER	USA
4:20.49	MATT CLARK	USA
4:22.03	GARY QUINN	USA
4:23.72	RUSSELL FLETCHER	AUS
4:24.20	RICHARD WIENECKE	USA
4:26.58	ALAN MCCLATCHEY	GBR
4:28.23	HOWARD JAY	USA
4:29.23	RICHARD BROER	NED
4:32.06	STEVE PRESCOTT	NZL
4:33.90	S.FESENKO	UKR

800 M. FREE

8:56.81	MATT CLARK	USA
9:02.64	GARY QUINN	USA
9:04.31	RUSSELL FLETCHER	AUS
9:06.48	ARNE BORGSTROM	NOR
9:36.05	BRAD LEVINSON	USA
9:36.09	ROBERT FORTIER	CAN
9:36.44	RICHARD BROER	NED
9:37.28	STEVE PRESCOTT	NZL
9:38.41	SCOTT GENKINGER	USA
9:41.48	GRANT SIMPSON	AUS

1500 M. FREE

17:06.28	ARNE BORGSTROM	NOR
17:09.68	RUSSELL FLETCHER	AUS
17:33.67	MATT CLARK	USA
18:03.47	HOWARD JAY	USA
18:18.53	GLEN CHRISTIANSEN	GER
18:21.10	RICHARD BROER	NED
18:25.18	BRAD LEVINSON	USA
18:32.98	AAS PAL	NOR
18:39.24	RON FINLEY	USA
18:50.82	ROBERT NICHOLS	USA

50 M. BACK

28.17	WILLIAM SPECHT	USA
28.18	JAMES BALLARD	USA
28.80	MATTIA FLORIT	ITA
28.94	CARLOS BERROCAL	USA
29.10	PAUL MORRIS	GBR
29.16	JAY ALT	USA
29.47	IGOR KRAVKOV	KAZ
29.47	BRIAN FORD	AUS
29.56	RICK BROWN	USA
29.59	RALF SCHULZ	GER

100 M. BACK

59.57	WILLIAM SPECHT	USA
1:00.27	JAMES BALLARD	USA
1:03.71	BRIAN FORD	AUS
1:04.06	MATTIA FLORIT	ITA
1:04.71	DAVID BURLESON	USA
1:04.84	MARK MORGAN	AUS
1:04.96	KEVIN PARFOOT	GBR
1:05.16	IGOR KRAVKOV	KAZ
1:05.79	INGO HALBRITTER	GER
1:06.09	MIKE KECK	USA

200 M. BACK

2:11.74	WILLIAM SPECHT	USA
2:18.21	KEVIN PARFOOT	GBR
2:20.81	BRIAN FORD	AUS
2:21.83	DAVID BURLESON	USA
2:22.70	ALAN GODFREY	USA
2:22.74	PAUL WINDRATH	USA
2:23.26	MIKE KECK	USA
2:23.96	R. CREIGHTON	USA
2:24.08	BRUCE HATTON	USA
2:25.90	MATTIA FLORIT	ITA

50 M. BRST

31.19	GLEN CHRISTIANSEN	GER
31.23	GREGORY OXLEY	USA
31.25	PAUL MORRIS	GBR
31.43	WAYNE JACKSON	USA
31.59	MATT CLARK	USA
31.66	DAVID GRAY	USA
31.67	YOSHIHIDE KAGAMI	JPN
31.89	PAUL BETTS	GBR
31.90	S.TSURUKAWA	JPN
32.04	HIROSHI NAKAMURA	JPN

100 M. BRST

1:08.72	GLEN CHRISTIANSEN	GER
1:09.11	PAUL MORRIS	GBR
1:09.19	YOSHIHIDE KAGAMI	JPN
1:09.55	WAYNE JACKSON	USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

1:09.82	GREGORY OXLEY	USA	5:09.18	GARETH PARKER	GBR	30.62	BOB SCHOUTSEN	NED	1:04.78	STEVE HECK	USA
1:10.11	PAUL BETTS	GBR	5:12.15	R. CREIGHTON	USA	30.89	GERHARD BUTTNER	GER	1:04.86	MICHAEL HEATHER	USA
1:10.58	RON SCHAFER	USA	5:12.33	ANDY RITCHIE	CAN	30.89	TREVOR CLARK	GBR	200 M.	FLY	
1:10.93	DAVID GRAY	USA				30.90	JEFFREY PEROUT	USA	2:23.76	EDDIE RIACH	GBR
1:11.83	MATT CLARK	USA	**********			100 M.	BACK		2:26.57	WILLIAM REEVES	USA
1:12.14	BARRY O'BRIEN	GBR	M E N	40-44		1:03.72	PAUL WINDRATH	USA	2:27.85	JEFF STRNAD	USA
200 M.	BRST		**********			1:04.30	EDDIE RIACH	GBR	2:28.05	DIRK STABENOW	GER
2:31.35	THOMAS REUDY	USA	50 M.	FREE		1:05.00	JOHN MARCH	CAN	2:28.67	MARK SAUNDERS	NZL
2:31.87	MATT CLARK	USA	25.30	M.HROUDA	CZE	1:05.33	PETER O'KEEFFE	USA	2:30.63	RONALD KANE	USA
2:33.16	RON SCHAFER	USA	25.32	FRED HUBBELL	USA	1:06.06	CLAY EVANS	USA	2:31.44	ROBERT WRIGHT	USA
2:34.04	GLEN CHRISTIANSEN	GER	25.50	V.CEJKA	CZE	1:06.50	MARK CHATFIELD	USA	2:33.90	LARRY WOOD	USA
2:35.49	BARRY O'BRIEN	GBR	25.59	RICK PETERSON	USA	1:06.89	WAYNE KING	USA	2:34.45	BRUCE JOHNSON	USA
2:35.69	BRYAN VOLPP	USA	25.73	JACK GROSELLE	USA	1:07.08	PAUL FETTERS	USA	2:35.99	W.PLOSZYNSKI	GER
2:37.34	GREGORY OXLEY	USA	25.82	TOM COULTAS	USA	1:07.45	RICHARD GARRETT	USA	100 M.	I.M.	
2:38.87	DAVID GRAY	USA	25.88	BRUCE ROBERTSON	CAN	1:07.54	A.CHRISTENSEN	GBR	1:04.03	TOM PERRIN	USA
2:40.03	WAYNE JACKSON	USA	25.98	LARRY KRAUSER	USA	200 M.	BACK		1:05.11	BRUCE ROBERTSON	CAN
2:40.33	HENK BAKKER	NED	26.00	HORST-DIETER BIAS	GER	2:17.87	PAUL WINDRATH	USA	1:05.47	BUCK SMITH	USA
50 M.	FLY		26.01	BRUCE WILLIAMSON	AUS	2:19.78	EDDIE RIACH	GBR	1:05.67	MARK CHATFIELD	USA
26.14	WILLIAM SPECHT	USA	100 M.	FREE		2:23.97	PAUL FETTERS	USA	1:06.56	GARY HENRY	AUS
26.20	S.FESENKO	UKR	56.68	LARRY WOOD	USA	2:26.09	ROBERT STRAUSS	USA	1:06.68	TREVOR CLARK	GBR
26.29	JAMES BALLARD	USA	56.69	GARY HENRY	AUS	2:27.22	SHUNJI NAGAHAMA	JPN	1:06.98	RICHARD GARRETT	USA
26.45	PAUL MORRIS	GBR	57.12	LEE MENCH	USA	2:29.00	RICHARD GARRETT	USA	1:07.08	A.CHRISTENSEN	GBR
27.00	RICCARDO URBANI	ITA	57.21	BRUCE ROBERTSON	CAN	2:29.66	FRANK THOMPSON	USA	1:07.50	BERRY HAMILTON	USA
27.17	ANDREAS SCHMIDT	GER	57.34	RICHARD GARRETT	USA	2:31.88	B.RANSOM-NELSON	USA	1:07.85	LEE MENCH	USA
27.40	IGOR KRAVKOV	KAZ	57.36	E. BELL	USA	2:34.08	MARK SAUNDERS	NZL	200 M.	I.M.	
27.50	MARK MORGAN	AUS	57.49	WOLFGANG WEIGL	GER	2:35.21	WILLIAM REEVES	USA	2:18.35	TOM REUDY	USA
27.53	CHRIS DIXON	USA	57.60	RICK PETERSON	USA	50 M.	BRST		2:20.93	CLAY EVANS	USA
27.61	ISAMU SHIBAZAKI	JPN	57.69	HANS-GUNTHER POCK	GER	31.54	RALF SCHALLON	SUI	2:25.91	MARK CHATFIELD	USA
100 M.	FLY		57.78	LARRY KRAUSER	USA	31.86	NEVILLE BARTON	GBR	2:26.70	RICHARD GARRETT	USA
57.14	WILLIAM SPECHT	USA	200 M.	FREE		32.32	C.MILTENBERGER	USA	2:27.12	TOM PERRIN	USA
58.16	PAUL MORRIS	GBR	2:01.81	JIM MCCONICA	USA	32.59	BERND SYBERG	GER	2:28.90	TREVOR CLARK	GBR
59.94	JAMES BALLARD	USA	2:02.47	LARRY WOOD	USA	32.72	TOSHIHARU FUJII	JPN	2:29.99	GARY HENRY	AUS
1:00.46	MARK MORGAN	AUS	2:06.04	BRUCE ROBERTSON	CAN	32.77	HARALD SCHILLER	GER	2:30.38	STEVE HECK	USA
1:01.70	S.FESENKO	UKR	2:06.20	LORENZO MARUGO	ITA	32.80	LORENZO MARUGO	ITA	2:30.43	PETER O'KEEFFE	USA
1:03.61	OYVIND ERIKSEN	NOR	2:07.09	HANS-GUNTHER POCK	GER	33.09	GARY HENRY	AUS	2:31.69	DIRK STABENOW	GER
1:03.78	TIMOTHY FRASER	GBR	2:07.27	EDDIE RIACH	GBR	33.16	KENJI TANAKA	JPN	400 M.	I.M.	
1:03.80	R.GILYAZOV	RUS	2:08.16	Y.NAKAMURA	JPN	33.28	MARK CHATFIELD	USA	4:57.77	EDDIE RIACH	GBR
1:03.90	BRUCE SKULSKY	CAN	2:08.16	CLAY EVANS	USA	100 M.	BRST		4:59.10	LORENZO MARUGO	ITA
1:04.05	GARETH PARKER	GBR	2:08.18	ROBERT STRAUSS	USA	1:10.07	RALF SCHALLON	SUI	5:02.81	CLAY EVANS	USA
200 M.	FLY		2:09.27	GERD KRUGER	GER	1:11.41	NEVILLE BARTON	GBR	5:14.08	WILLIAM REEVES	USA
2:06.48	WILLIAM SPECHT	USA	400 M.	FREE		1:12.23	CLAY EVANS	USA	5:22.96	MARK SAUNDERS	NZL
2:22.02	DAVID BARNES	USA	4:19.70	JIM MCCONICA	USA	1:12.49	BERNARD PAULUS	BEL	5:23.61	ROBERT WRIGHT	USA
2:25.04	JOHN CULHANE	USA	4:21.65	LARRY WOOD	USA	1:12.74	MARK CHATFIELD	USA	5:25.97	MIKE MORROW	CAN
2:25.73	STEVE PRESCOTT	NZL	4:31.90	LORENZO MARUGO	ITA	1:13.37	HARALD SCHILLER	GER	5:26.58	TOM PALMGREN	USA
2:25.86	GRANT SIMPSON	AUS	4:40.43	JOHN NEEDHAM	USA	1:13.59	TOSHIHARU FUJII	JPN	5:28.21	MIKE STAMHUIS	CAN
2:27.10	MASSIMO FROGLIA	ITA	4:43.27	GARY HENRY	AUS	1:13.96	OVE WISLOFF	NOR	5:30.22	LARRY WOOD	USA
2:27.38	BART MCDERMOTT	USA	4:45.26	MARK SAUNDERS	NZL	1:14.05	BERRY HAMILTON	USA			
2:28.33	LUC DE BRUYN	BEL	4:45.57	FRANK THOMPSON	USA	1:14.60	SCOTT SCHLIEMAN	USA	**********		
2:28.68	TOM HIEBER	USA	4:45.81	DAVID KING	AUS	200 M.	BRST		M E N	45-49	
2:28.74	GEOFF BAKER	GBR	4:45.90	JIM GRUBBS	USA	2:32.80	RALF SCHALLON	SUI	**********		
100 M.	I.M.		4:46.59	BRUCE JOHNSON	USA	2:34.37	TOM REUDY	USA	50 M.	FREE	
1:01.45	PAUL MORRIS	GBR	800 M.	FREE		2:38.91	TOSHIHARU FUJII	JPN	25.20	RICHARD ABRAHAMS	USA
1:01.94	RICHARD HESS	USA	9:27.62	LARRY WOOD	USA	2:39.36	GREG HARRISON	USA	25.70	JAN KOEN ANTHONI	NED
1:03.11	DAVID SANTOS	USA	9:44.37	FRANK THOMPSON	USA	2:40.73	MARK CHATFIELD	USA	25.93	ANDREW MC PHERSON	USA
1:03.19	THOMAS REUDY	USA	9:51.48	BRUCE JOHNSON	USA	2:41.30	LORENZO MARUGO	ITA	26.03	DAN THOMPSON	USA
1:03.23	PATRICK STANTON	USA	9:54.51	JOHN NEEDHAM	USA	2:43.44	DALE LOADER	AUS	26.09	H.HARBRECHT	GER
1:03.89	RALF SCHULZ	GER	9:57.35	ROBERT WRIGHT	USA	2:44.46	BILL PRICE	GBR	26.60	FRANK HESBACHER	GER
1:04.17	IGOR KRAVKOV	KAZ	9:58.33	WILLIAM REEVES	USA	2:44.79	W.FICKENSCHER	GER	26.74	IVAN MYALL	GBR
1:04.20	MATTIA FLORIT	ITA	9:59.83	DAVID OWEN	USA	2:45.21	HIDEHIKO HASEGAWA	JPN	26.76	DUNCAN BROWN	GBR
1:04.35	GARETH PARKER	GBR	10:00.87	LARRY KRAUSER	USA	50 M.	FLY		26.77	MIKE SHERRILL	USA
1:05.45	DAVID BARNES	USA	10:05.59	NEIL HICKEY	AUS	27.47	TOM PERRIN	USA	26.78	KOUJI NAKANO	JPN
200 M.	I.M.		10:12.75	GERD KRUGER	GER	27.47	KEVIN MCCORMACK	USA	100 M.	FREE	
2:14.75	MATT CLARK	USA	1500 M.	FREE		27.63	CLAY EVANS	USA	57.09	H.HARBRECHT	GER
2:16.41	DAVID SANTOS	USA	17:39.76	LARRY WOOD	USA	27.79	FRED HUBBELL	USA	57.13	ANDREW MC PHERSON	USA
2:17.27	THOMAS REUDY	USA	18:48.16	BRUCE JOHNSON	USA	28.44	JOHN MCMULLEN	USA	57.78	IVAN MYALL	GBR
2:18.34	ARNE BORGSTROM	NOR	18:48.79	WILLIAM REEVES	USA	28.65	TAKASHI YOSHIOKA	JPN	58.39	RICHARD ABRAHAMS	USA
2:20.11	GARETH PARKER	GBR	18:51.21	JOHN NEEDHAM	USA	28.65	BRAD PENCE	USA	58.62	STEVE HECK	USA
2:20.46	ANDY RITCHIE	CAN	18:57.11	JEFF STRNAD	USA	28.67	MICHAEL HEATHER	USA	59.17	JAN KOEN ANTHONI	NED
2:20.98	GARY QUINN	USA	18:57.27	FRANK THOMPSON	USA	28.79	BRUCE WILLIAMSON	AUS	59.73	RICHARD ARLUCK	USA
2:22.26	MIKE KECK	USA	19:04.06	DAVID KING	AUS	28.80	M.HROUDA	CZE	1:00.09	WOLFGANG DIERKES	GER
2:22.40	BRYAN VOLPP	USA	19:23.30	GERD KRUGER	GER	28.80	BRUCE ROBERTSON	CAN	1:00.12	DUNCAN BROWN	GBR
2:24.11	LARRY BROWN	USA	19:25.24	RUSSELL BROWN	NZL	100 M.	FLY		1:00.37	FRED SCHLICHER	USA
400 M.	I.M.		19:38.86	WESLEY TANIGAWA	USA	1:02.74	KEVIN MCCORMACK	USA	200 M.	FREE	
4:53.92	GARY QUINN	USA	50 M.	BACK		1:03.50	TREVOR CLARK	GBR	2:08.16	IVAN MYALL	GBR
4:56.07	MIKE KECK	USA	28.88	CLAY EVANS	USA	1:03.96	CLAY EVANS	USA	2:08.59	H.HARBRECHT	GER
4:57.03	DAVID SANTOS	USA	29.90	EDDIE RIACH	GBR	1:04.32	TAKASHI YOSHIOKA	JPN	2:12.98	PAUL MCCORMICK	USA
5:01.75	RUSSELL FLETCHER	AUS	30.06	WAYNE KING	USA	1:04.36	STEVEN WALL	GBR	2:13.06	BRIAN MURPHY	USA
5:02.55	BRYAN VOLPP	USA	30.11	JOHN MARCH	CAN	1:04.60	JOHN MCMULLEN	USA	2:14.00	D.UIJENBOGAART	NED
5:03.69	THOMAS REUDY	USA	30.26	PETER O'KEEFFE	USA	1:04.63	BRAD PENCE	USA	2:15.23	JOHN NOLAN	USA
5:05.40	S.FESENKO	UKR	30.58	A.CHRISTENSEN	GBR	1:04.75	JIM GRUBBS	USA	2:16.01	KEN RANSOM	CAN

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

2:16.70	GIOVANNI BOZZOLO	ITA
2:17.01	KUNIHIRO IWASAKI	JPN
2:17.23	ANDY WILSON	GBR

400 M. FREE

4:36.77	IVAN MYALL	GBR
4:40.45	D.UIJENBOGAART	NED
4:43.40	JOHN NOLAN	USA
4:43.79	JOHN FLANAGAN	USA
4:44.10	STEVE JOHNSON	USA
4:44.84	FRED SCHLICHER	USA
4:46.42	BRIAN MURPHY	USA
4:47.60	H.HARBRECHT	GER
4:48.12	PAUL MCCORMICK	USA
4:48.66	STEVE HECK	USA

800 M. FREE

9:38.84	JOHN FLANAGAN	USA
9:47.18	STEVE JOHNSON	USA
9:49.45	JOHN NOLAN	USA
9:50.45	D.UIJENBOGAART	NED
10:07.78	BRUCE FISHER	USA
10:16.87	KEITH BELL	USA
10:17.14	PETER EMERY	AUS
10:20.42	VICTOR PAUL	AUS
10:21.27	KEN RANSOM	CAN
10:28.51	BLACKIE CHASE	CAN

1500 M. FREE

18:23.21	D.UIJENBOGAART	NED
18:39.20	JOHN NOLAN	USA
19:10.49	IVAN MYALL	GBR
19:11.41	KEITH BELL	USA
19:30.74	PAT DIXON	USA
19:48.11	BLACKIE CHASE	CAN
19:48.27	ANDY WILSON	GBR
20:05.40	F.BIERING-SORENSE	DEN
20:19.62	JORGE GONZALEZ	USA
20:20.79	JEFFERSON BANKS	AUS

50 M. BACK

30.91	JOHN PHILLIPS	USA
31.16	ANDREW MC PHERSON	USA
31.40	JAUME MONZO	ESP
31.50	EBBE RASMUSSEN	DEN
31.76	IVAN MYALL	GBR
32.00	BOB KOLONKOWSKI	USA
32.59	RICHARD TENHOOR	USA
32.65	RODERICK SEE	AUS
32.69	PETER HEEREN	GER
32.73	PAUL WYATT	AUS

100 M. BACK

1:07.92	IVAN MYALL	GBR
1:09.20	EBBE RASMUSSEN	DEN
1:09.52	JOHN PHILLIPS	USA
1:09.85	DUKE DAHLIN	USA
1:11.28	DAVID UGARKOVICH	USA
1:11.98	RODERICK SEE	AUS
1:12.06	BOB KOLONKOWSKI	USA
1:12.66	FRANK WARNER	USA
1:13.04	STEVE HECK	USA
1:13.04	PAULO FIGUEIREDO	USA

200 M. BACK

2:30.62	IVAN MYALL	GBR
2:32.24	STEVE HECK	USA
2:36.41	JOHN PHILLIPS	USA
2:37.03	BOB KOLONKOWSKI	USA
2:37.98	FRANK WARNER	USA
2:38.03	D.UIJENBOGAART	NED
2:39.31	VIRGIL DANIELS	USA
2:39.40	DUKE DAHLIN	USA
2:39.98	DAVID UGARKOVICH	USA
2:40.49	PAULO FIGUEIREDO	USA

50 M. BRST

32.00	OSAMU MAEDA	JPN
33.17	WAYNE MCCAULEY	USA
33.19	MICHAEL WITZSZEK	USA
33.45	ALLEN STARK	USA
34.39	EDDY DE LOU	BEL
34.59	HOLGER BULL	GER
34.59	DIETER HOFEL	GER
34.64	V.KRAVCHENKO	RUS
34.69	H.HARBRECHT	GER
34.79	MANFRED ZEHR	GER

100 M. BRST

1:12.16	S.UTSUNOMIYA	JPN
1:12.95	ALLEN STARK	USA
1:15.15	TONY FISHER	AUS
1:16.12	WAYNE MCCAULEY	USA
1:16.26	MICHAEL WITZSZEK	USA
1:16.39	WOLFGANG DIERKES	GER
1:16.79	HOLGER BULL	GER
1:17.22	PETER HOFFT	GER
1:17.39	GEOSSREY WHERRETT	JPN
1:17.60	EDDY DE LOU	BEL

200 M. BRST

2:42.33	ALLEN STARK	USA
2:45.45	STEVE HECK	USA
2:49.50	D.UIJENBOGAART	NED
2:50.29	H.HARBRECHT	GER
2:50.80	WAYNE MCCAULEY	USA
2:54.24	BILL FERGIE	NZL
2:56.37	GEOSSREY WHERRETT	JPN
2:56.39	TOMOMI SUZUKI	JPN
2:56.39	DENNIS WILSON	USA
2:56.61	EDDY DE LOU	BEL

50 M. FLY

27.18	DAN THOMPSON	USA
28.51	RICHARD ABRAHAMS	USA
28.66	ANDREW MC PHERSON	USA
28.79	JOHN PHILLIPS	USA
28.80	ERIC HENDERSON	GBR
28.92	TETSUROU YOKOYAMA	JPN
29.00	GIOVANNI BOZZOLO	ITA
29.03	STEVE HECK	USA
29.19	PETER KOLLER	GER
29.57	MICHAEL SLENKER	USA

100 M. FLY

1:02.66	ANDREW MC PHERSON	USA
1:03.70	RICHARD ABRAHAMS	USA
1:03.94	ERIC HENDERSON	GBR
1:04.16	FRED SCHLICHER	USA
1:04.18	JOHN COVACEVICH	AUS
1:07.38	MICHAEL SLENKER	USA
1:07.77	DAVID THOMPSON	GBR
1:09.51	BOB KOLONKOWSKI	USA
1:09.78	MARK EBEL	USA
1:09.84	TAUNO VUORISTO	FIN

200 M. FLY

2:23.40	FRED SCHLICHER	USA
2:24.21	JOHN COVACEVICH	AUS
2:25.79	KEITH BELL	USA
2:32.48	JOHN NOLAN	USA
2:39.87	BOB KOLONKOWSKI	USA
2:42.37	D.UIJENBOGAART	NED
2:47.32	NOBUHIRO MIYAZAKI	JPN
2:47.79	PAULO FIGUEIREDO	USA
2:48.46	JACK MICHALSKI	NZL
2:48.83	LUC MEYTEN	BEL

100 M. I.M.

1:04.80	ANDREW MC PHERSON	USA
1:05.68	STEVE HECK	USA
1:09.09	WOLFGANG DIERKES	GER
1:09.20	H.HARBRECHT	GER
1:09.82	JOHN COVACEVICH	AUS
1:10.16	PAUL WYATT	AUS
1:10.45	V.KRAVCHENKO	RUS
1:10.49	WILLI STOLZE	GER
1:10.67	PHIL DOCKERILL	CAN
1:10.77	KEITH BELL	USA

200 M. I.M.

2:23.69	STEVE HECK	USA
2:24.31	ANDREW MC PHERSON	USA
2:31.46	JOHN NOLAN	USA
2:33.17	BRIAN MURPHY	USA
2:34.60	D.UIJENBOGAART	NED
2:35.08	DAVID THOMPSON	GBR
2:35.97	KUNIHIRO IWASAKI	JPN
2:36.84	PATRICK DEVINE	AUS
2:38.41	VIRGIL DANIELS	USA
2:38.54	BRUCE FISHER	USA

400 M. I.M.

5:14.02	STEVE HECK	USA
5:20.03	D.UIJENBOGAART	NED
5:22.77	JOHN NOLAN	USA
5:31.69	BRIAN MURPHY	USA
5:33.37	KEITH BELL	USA
5:33.46	DAVID THOMPSON	GBR
5:38.26	JOHN COVACEVICH	AUS
5:38.41	ANDY WILSON	GBR
5:44.83	DUKE DAHLIN	USA
5:48.45	VIRGIL DANIELS	USA

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M E N 50-54

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50 M. FREE

26.35	KEEFE LODWIG	USA
26.85	TONY CHERRINGTON	GBR
26.94	ROBERT SMITH	USA
27.33	FRANS NELSON	USA
27.60	ANTONIO D'OPPIDO	ITA
27.63	VINUS VAN BAALEN	CAN
27.63	DOUG BUCHAN	USA
27.72	RICHARD BASSI	USA
27.74	DOUGLAS LONG	USA
27.79	BERND SCHRODER	GER

100 M. FREE

58.39	KEEFE LODWIG	USA
59.09	TIM GARTON	USA
1:00.81	TONY CHERRINGTON	GBR
1:01.39	KUNIHIRO IWASAKI	JPN
1:01.90	ANTONIO D'OPPIDO	ITA
1:01.99	BERND SCHRODER	GER
1:02.13	DOUGLAS LONG	USA
1:02.38	KOUJI IWAMOTO	JPN
1:02.47	JACK GEOGHEGAN	USA
1:02.94	ROBERT WILLIAMS	USA

200 M. FREE

2:13.99	SANDY GALLETLY	GBR
2:14.85	KEEFE LODWIG	USA
2:18.60	KOUJI IWAMOTO	JPN
2:19.27	RICHARD BOYD	USA
2:19.60	ANTONIO D'OPPIDO	ITA
2:19.69	JACK GEOGHEGAN	USA
2:22.05	KARL VON TAGEN	USA
2:22.10	VITTORIO ERMIRIO	ITA
2:23.22	JIM CRANE	USA
2:23.78	RON BURNS	CAN

400 M. FREE

4:38.22	SANDY GALLETLY	GBR
4:55.76	RICHARD BOYD	USA
4:58.51	KOUJI IWAMOTO	JPN
5:02.35	JIM CRANE	USA
5:04.65	DICK STEWART	USA
5:05.88	HIROYASU TAKAGI	JPN
5:06.10	STEVEN THRASHER	USA
5:06.65	ROBERT WILLIAMS	USA
5:09.42	RON BURNS	CAN
5:09.71	ALFRED JACOB	BRA

800 M. FREE

10:05.74	RICHARD BOYD	USA
10:45.60	A.HITROV	RUS
10:46.30	ROBERT WILLIAMS	USA
10:50.63	RON BURNS	CAN
11:01.05	ROB HANOU	NED
11:06.67	GUY LEWIS	USA
11:07.10	FERDINANDO ORENGO	ITA
11:08.43	ROGER BOSVELD	USA
11:10.86	COLIN BLAKELEY	NZL
11:14.07	DON DAVIS	USA

1500 M. FREE

18:32.56	SANDY GALLETLY	GBR
18:45.18	RICHARD BOYD	USA
19:42.17	ROBERT WILLIAMS	USA
20:33.92	DICK STEWART	USA
20:39.30	RON BURNS	CAN
20:48.75	HIROYASU TAKAGI	JPN
20:55.23	STEVEN THRASHER	USA
21:09.93	JAMES STEWART	GBR
21:15.15	ROB HANOU	NED
21:18.56	GUY LEWIS	USA

50 M. BACK

30.14	ROBERT SMITH	USA
31.54	FRANS NELSON	USA
32.18	MICHAEL MEALIFFE	USA
32.56	TONY CHERRINGTON	GBR
32.67	RICHARD BASSI	USA
32.93	MICHAEL MCKINLAY	USA
33.10	ENRICO TOSI	ITA
33.24	STEVEN THRASHER	USA
33.57	VINUS VAN BAALEN	CAN
33.79	MARK LITMAN	GBR

100 M. BACK

1:08.49	ROBERT SMITH	USA
1:10.72	ENRICO TOSI	ITA
1:11.22	STEVEN THRASHER	USA
1:11.86	MICHAEL MCKINLAY	USA
1:11.94	TONY CHERRINGTON	GBR
1:13.63	MICHAEL MEALIFFE	USA
1:13.86	CHRIS STEVENSON	CAN
1:15.38	RICHARD BASSI	USA
1:15.83	VINUS VAN BAALEN	CAN
1:16.04	PETER BETZER	USA

200 M. BACK

2:35.38	STEVEN THRASHER	USA
2:37.00	ENRICO TOSI	ITA
2:38.62	MICHAEL MCKINLAY	USA
2:43.45	TONY CHERRINGTON	GBR
2:46.48	JAMES STEWART	GBR
2:47.10	RICHARD BASSI	USA
2:47.37	HIROSHI NONAKA	JPN
2:48.48	KARL DONOGHUE	CAN
2:51.25	DAVID LANGLEY	GBR
2:52.40	PATRICK SCHLUP	USA

50 M. BRST

33.59	PETER KUNZE	GER
33.99	SCOTT GUTHRIE	USA
34.39	W.BUCZKOWSKI	POL
34.49	MATTIAS KRONER	SWE
34.95	E.KIRJAVAINEN	FIN
34.99	CYRIL KRAL	GER
35.28	WOLFGANG TEMKE	GER
35.39	KLAUS KATZUR	GER
35.40	IAN INGRAM	AUS
35.43	PETER OROSZLAN	USA

100 M. BRST

1:16.48	GIANNI GROSS	ITA
1:16.50	PERTTI LAAKSONEN	FIN
1:17.52	PETER KUNZE	GER
1:18.52	SCOTT GUTHRIE	USA
1:18.80	W.BUCZKOWSKI	POL
1:19.08	ROBERT APEL	GBR
1:19.13	IAN INGRAM	AUS
1:19.76	DAVE FRANK	USA
1:19.90	KEITH SHAW	CAN
1:20.09	KARL ODKOLEK	GER

200 M. BRST

2:51.42	RICHARD BOYD	USA
2:53.79	TIM GARTON	USA
2:55.00	GIANNI GROSS	ITA
2:57.10	ROB HANOU	NED
2:57.59	KEITH SHAW	CAN
2:58.12	IAN INGRAM	AUS
2:59.55	ALLEN MURRAY	USA
3:00.76	CHARLES LEE	USA
3:00.90	BRYAN FINLAY	CAN
3:01.66	HIDEAKI YOKOYAMA	JPN

50 M. FLY

28.85	JOSEP CLARET	ESP
28.99	BERND SCHRODER	GER
29.16	KEEFE LODWIG	USA
29.44	KOUJI IWAMOTO	JPN
29.54	MICHAEL MEALIFFE	USA
29.94	RICHARD BASSI	USA
30.03	ROBERT SMITH	USA
30.19	DOUG BUCHAN	USA
30.51	DAVE FRANK	USA
30.70	ANTONIO D'OPPIDO	ITA
30.70	ROBERT BENNETT	USA

100 M. FLY

1:06.52	KOUJI IWAMOTO	JPN
1:07.74	JOSEP CLARET	ESP
1:08.58	MICHAEL MEALIFFE	USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

1:10.25 MIKE LAUX USA
1:11.36 RISTO LEHTONEN FIN
1:11.42 DEREK PARR GBR
1:12.05 FRED LIPP USA
1:12.39 GUNTER SCHOPKE GER
1:12.90 DAVID CHERRIMAN GBR
1:13.15 R.LLOYD-MOSTYN GBR

200 M. FLY

2:30.88 KOUJI IWAMOTO JPN
2:37.53 ERIC SNYDER USA
2:44.89 GUNTER SCHOPKE GER
2:45.43 DEREK PARR GBR
2:51.01 JACK GEOGHEGAN USA
2:52.51 TAKESHI SUZUKI JPN
2:54.48 R.LLOYD-MOSTYN GBR
2:56.96 W.GRONKI GER
3:00.74 DICK PITMAN USA
3:02.46 ISAO NAKAMOTO JPN

100 M. I.M.

1:09.43 ROBERT SMITH USA
1:10.30 ANTONIO D'OPPIDO ITA
1:10.46 HIROSHI NONAKA JPN
1:10.55 KOUJI IWAMOTO JPN
1:10.69 JURGEN ALTENHOFEN GER
1:11.80 ENRICO TOSI ITA
1:12.01 MICHAEL MEALIFFE USA
1:12.20 KEEFE LODWIG USA
1:12.84 DOUGLAS LONG USA
1:13.03 BRUCE CLARK USA

200 M. I.M.

2:31.44 TIM GARTON USA
2:31.72 SANDY GALLETLY GBR
2:37.08 KOUJI IWAMOTO JPN
2:37.44 KUNIHIRO IWASAKI JPN
2:38.90 ENRICO TOSI ITA
2:41.50 ANTONIO D'OPPIDO ITA
2:42.35 STEVEN THRASHER USA
2:43.60 HIROSHI NONAKA JPN
2:44.04 JAMES STEWART GBR
2:46.60 VITTORIO ERMIRIO ITA

400 M. I.M.

5:19.87 SANDY GALLETLY GBR
5:30.06 RICHARD BOYD USA
5:44.38 ENRICO TOSI ITA
5:52.05 STEVEN THRASHER USA
5:53.07 ROBERT WILLIAMS USA
5:55.66 JAMES GREEN USA
6:03.90 ROB HANOU NED
6:08.36 PATRICK SCHLUP USA
6:10.72 RICHARD DOERR USA
6:12.85 RYUUICHI ICHIKAWA JPN

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M E N 55-59
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50 M. FREE

26.94 KATSUKI ISHIHARA JPN
27.69 F.ZEYER GER
28.30 GOTTFRIED MERTENS GER
28.33 STANLEY CLARKE GBR
28.63 KUNIMORI KONYA JPN
28.82 JAMES KRUEGER USA
28.89 GARY STUTSEL AUS
28.93 Y.TSUKAMOTO JPN
28.99 DIETER BACHMANN GER
29.00 OIVIND GUNNERUD NOR

100 M. FREE

1:03.80 NIC GEERS NED
1:04.65 GEOFF STOKES GBR
1:05.02 BALAZS GYORFFY GBR
1:05.14 KAZUYA NISHINO JPN
1:05.59 STANLEY CLARKE GBR
1:06.19 GOTTFRIED MERTENS GER
1:06.25 ERNIE LESKOVITZ USA
1:06.38 T.WATANABE JPN
1:06.50 EDWARD BASTEK POL
1:06.59 JOHN BROGAN GBR

200 M. FREE

2:20.38 NIC GEERS NED
2:21.76 KAZUYA NISHINO JPN
2:22.94 DAVID HARRISON USA
2:24.01 GEOFF STOKES GBR
2:26.40 COSMO MILANO ITA
2:27.80 FABRIZIO MOMONI ITA
2:30.37 JEAN ROUFOSSE BEL
2:31.45 JOHN PUGH AUS
2:31.74 MICK MARSHALL GBR
2:31.89 H.BOETTINGER GER

400 M. FREE

5:00.12 GEOFF STOKES GBR
5:00.60 NIC GEERS NED
5:03.98 BARRY YOUNG NZL
5:10.83 DAVID HARRISON USA
5:10.96 KAZUYA NISHINO JPN
5:25.50 JEAN ROUFOSSE BEL
5:28.02 ERNIE LESKOVITZ USA
5:29.52 JOHN PUGH AUS
5:30.62 ANDRE JOOS BEL
5:33.39 K.EBNER GER

800 M. FREE

10:28.98 DAVID HARRISON USA
10:44.98 BARRY YOUNG NZL
11:14.91 NIC GEERS NED
11:17.60 JOHN PUGH AUS
11:42.92 GEORGE MANN USA
11:43.40 BARRY FASBENDER USA
11:43.47 JEAN ROUFOSSE BEL
11:47.60 MAX ZELLER SUI
11:48.88 HIYOSHI MAKIMOTO JPN
11:54.45 HIROSHI ONO JPN

1500 M. FREE

19:45.72 DAVID HARRISON USA
20:56.63 BARRY YOUNG NZL
21:05.20 NIC GEERS NED
21:05.28 ERNIE LESKOVITZ USA
21:30.21 OTTO CHRISTENSEN DEN
21:37.03 MICK MARSHALL GBR
22:05.80 JOHN PUGH AUS
22:39.95 BARRY FASBENDER USA
22:47.49 K.EBNER GER
22:51.77 HIYOSHI MAKIMOTO JPN

50 M. BACK

33.41 GRAHAM SYKES GBR
34.23 AKIHIKO YABE JPN
34.67 KAZUHIRO SONODA JPN
34.71 MARSHALL GREER USA
35.39 EKKEHARD MIERSCH GER
35.44 MAKIYA HATTA JPN
35.80 PEKKA LUNDBERG FIN
35.83 BILL EARLY USA
36.09 GUNTER KOBOW GER
36.19 HERMANN OSTERLOH GER

100 M. BACK

1:10.88 BARRY YOUNG NZL
1:16.33 GRAHAM SYKES GBR
1:17.77 MASAYASU TANEIKE JPN
1:18.91 LEE BETTIS USA
1:18.96 MAKIYA HATTA JPN
1:19.34 MARSHALL GREER USA
1:20.40 NIC GEERS NED
1:22.57 ANTHONY PEPPER GBR
1:22.97 ITARU KOJIMA JPN
1:22.99 HERMANN OSTERLOH GER

200 M. BACK

2:33.21 BARRY YOUNG NZL
2:47.27 DAVE COSTILL USA
2:53.07 THOMAS WALKER GBR
2:55.31 MASAYASU TANEIKE JPN
2:56.63 LEE BETTIS USA
2:56.72 ALAN JACKSON GBR
2:56.80 JERRY GLANCY USA
3:01.18 ITARU KOJIMA JPN
3:02.80 KAI CHRISTIANSEN DEN
3:06.60 COSMO MILANO ITA

50 M. BRST

33.52 HIROSHI KOTEGAWA JPN
34.56 AKIO SUGIYAMA JPN
35.29 GUNTER SCHMAH GER
35.69 BERND WUNSCHE GER
36.16 LOTHAR SCHUH GER
36.39 MANFRED SCHUBELE GER
36.39 WALTER LEX GER
36.39 MICHAEL MOLONEY AUS
36.40 DAVE DABOLL USA
36.53 HANS TROGER GER

100 M. BRST

1:19.19 GUNTER SCHMAH GER
1:19.68 MICHAEL MOLONEY AUS
1:21.71 Y.TSUKAMOTO JPN
1:21.99 BERND WUNSCHE GER
1:22.74 HEINZ BOKNECHT GER
1:22.89 MANFRED SCHUBELE GER
1:22.95 THOMAS WALKER GBR
1:22.99 ROLAND SCHONHAAR GER
1:23.02 SEIICHI TACHIBANA JPN
1:23.18 TETSUO NAKAMARU JPN

200 M. BRST

2:49.98 MICHAEL MOLONEY AUS
3:02.59 HEINZ BOKNECHT GER
3:03.22 DAVE COSTILL USA
3:03.39 GUNTER SCHMAH GER
3:05.12 TETSUO NAKAMARU JPN
3:05.86 J.LIPPINGHOF CAN
3:06.23 H.TAKEMASA JPN
3:08.02 GARY STUTSEL AUS
3:11.18 NOBUYA NAKAJIMA JPN
3:12.20 CLAUDIO NEGRI ITA

50 M. FLY

30.12 BERT PETERSEN USA
31.12 AKIO SUGIYAMA JPN
31.19 KAZUYA NISHINO JPN
31.88 STANLEY CLARKE GBR
31.99 GUNTER KARGER GER
32.02 PETER JACKSON AUS
32.06 JAMES KRUEGER USA
32.35 NIC GEERS NED
32.40 BOGDAN MARTYNIUK POL
32.45 ITSUJI ITOU JPN

100 M. FLY

1:11.07 BERT PETERSEN USA
1:14.54 GEOFF STOKES GBR
1:14.61 STANLEY CLARKE GBR
1:15.82 ERNIE LESKOVITZ USA
1:16.27 DAVID CUMMING GBR
1:16.77 MEL GOLDSTEIN USA
1:17.07 GUNTER SCHMAH GER
1:18.73 HIROSHI YOSHIDA JPN
1:20.37 BOGDAN MARTYNIUK POL
1:20.75 KIMIKAZU KATOU JPN

200 M. FLY

2:48.63 HIYOSHI MAKIMOTO JPN
2:52.75 GEOFF STOKES GBR
2:59.54 ANTHONY WESTON GBR
2:59.85 ERNIE LESKOVITZ USA
3:03.04 DAVID CUMMING GBR
3:06.21 KIMIKAZU KATOU JPN
3:07.36 KENNETH KEIGHLEY GBR
3:08.56 WILLIAM JONES USA
3:08.57 BARRY FASBENDER USA
3:11.30 MICHIO TANI JPN

100 M. I.M.

1:14.59 STANLEY CLARKE GBR
1:15.80 MASAYASU TANEIKE JPN
1:16.20 EDWARD BASTEK POL
1:16.22 PETER JACKSON AUS
1:16.46 KAZUYA NISHINO JPN
1:16.89 ANTHONY WESTON GBR
1:17.35 NIC GEERS NED
1:17.71 KUNIMORI KONYA JPN
1:17.79 H.BOETTINGER GER
1:18.59 MANFRED STRATE GER
1:18.59 ROLAND SCHONHAAR GER

200 M. I.M.

2:38.95 BARRY YOUNG NZL
2:47.76 HIYOSHI MAKIMOTO JPN
2:47.76 MEL GOLDSTEIN USA
2:49.87 EDWARD BASTEK POL
2:51.74 GEOFF STOKES GBR
2:54.76 ERNIE LESKOVITZ USA
2:56.12 JOHN LOCKLEY AUS
2:56.53 ALAN JACKSON GBR
2:56.85 J.LIPPINGHOF CAN
2:58.85 WILLIAM JONES USA

400 M. I.M.

5:58.10 GEOFF STOKES GBR
6:06.99 EDWARD BASTEK POL
6:10.39 ERNIE LESKOVITZ USA
6:22.50 NIC GEERS NED
6:25.09 GUNTER SCHMAH GER
6:27.98 JOHN PUGH AUS
6:28.10 MICK MARSHALL GBR
6:28.31 J.C.BRENTON USA
6:29.14 G FRANCO OLIA ITA
6:33.32 NEIL TASKER GBR

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M E N 60-64
****

50 M. FREE

28.93 SHINGO YAMAMOTO JPN
29.29 WOLFRAM GOTTFRIED GER
29.37 MASAYASU KAMIYA JPN
29.64 ROBERTO ALBERICHE ESP
29.76 JOHN GRAVE CAN
30.10 PER OLSEN NOR
30.10 WALLY DOBLER USA
30.52 GHEORGHE COCIUBAN GER
30.59 RUDI VAN ESS GER
30.80 YASUO KITAMURA JPN

100 M. FREE

1:04.84 WOLFRAM GOTTFRIED GER
1:05.00 JACK BEATTIE USA
1:05.87 BOB BARRY AUS
1:07.46 MASAYASU KAMIYA JPN
1:08.09 PER OLSEN NOR
1:08.18 ROYSTON DREW AUS
1:08.81 GRAHAM JOHNSTON USA
1:09.28 ROGER BURRELL GBR
1:09.34 RICHARD WEICK CAN
1:09.53 SHINGO YAMAMOTO JPN

200 M. FREE

2:24.50 GRAHAM JOHNSTON USA
2:27.42 ROBERTO ALBERICHE ESP
2:30.42 ROYSTON DREW AUS
2:32.19 BOB BARRY AUS
2:34.41 MASAYASU KAMIYA JPN
2:36.77 JOHN KALAS USA
2:39.20 LEN GOLDSTONE USA
2:41.43 WALLY DOBLER USA
2:41.89 BOB MILLER USA
2:42.55 T.WATANABE JPN

400 M. FREE

5:09.22 GRAHAM JOHNSTON USA
5:36.84 SHINGO YAMAMOTO JPN
5:38.33 JOHN KALAS USA
5:41.03 MASAYASU KAMIYA JPN
5:44.90 GEROLAMO FORLANI ITA
5:51.37 JOHN STARR GBR
5:54.04 MIKE MILLIMAN USA
5:55.77 BILL KING USA
5:55.99 GHEORGHE COCIUBAN GER
5:57.21 BARRY MCLEAN NZL

800 M. FREE

10:52.66 GRAHAM JOHNSTON USA
11:37.35 JOHN KALAS USA
11:47.29 MASAYASU KAMIYA JPN
11:51.35 ARTHUR WELCH USA
11:58.80 GEROLAMO FORLANI ITA
12:04.04 TSUTOMU KAJIHARA JPN
12:22.56 RONALD COWLEY AUS
12:26.55 MIKE MILLIMAN USA
12:29.68 CHARLES MAAS USA
12:39.66 BARRY MCLEAN NZL

1500 M. FREE

22:18.91 MASAYASU KAMIYA JPN
22:48.35 TSUTOMU KAJIHARA JPN
23:15.13 JOHN STARR GBR
23:16.40 CHARLES MAAS USA
23:34.32 MIKE MILLIMAN USA
23:40.42 KEN KIMBALL USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

24:04.98	TONY HOLMYARD	GBR	35.29	WILLIAM LAUER	USA	1:13.62	SHIZUO KONISHI	JPN	39.18	FRITZ KLAPPROTH	GER
24:05.41	BILL KING	USA	100 M. FLY			1:14.11	P.VAN DIJK	USA	39.28	ZENJI NAKAHARI	JPN
24:09.37	BARRY MCLEAN	NZL	1:18.02	MASAYASU KAMIYA	JPN	200 M. FREE			39.49	WERNER KRAUSE	GER
24:27.69	CURT ZEISS	GER	1:19.79	WOLFRAM GOTTFRIED	GER	2:34.77	WILLIAM PHILLIPS	USA	39.69	KARL-HEINZ KNOPS	GER
50 M. BACK			1:21.63	TAKASHI HAYASHI	JPN	2:43.82	FRANK PIEMME	USA	39.90	GERHARD JUSTUS	GER
34.05	JACK BEATTIE	USA	1:21.78	SEYMOUR BANNING	GBR	2:43.93	BOB HERITIER	USA	40.08	TOSHIO TAJIMA	JPN
34.16	S.SEKIKAWA	JPN	1:22.89	EDUARD LEY	ESP	2:46.55	SHIZUO KONISHI	JPN	40.40	BRUNELLO GRAJA	ITA
34.84	YOSHI OYAKAWA	USA	1:24.39	HEINZ KRAUSS	GER	2:47.75	HIROSHI YOSHIMURA	JPN	40.80	SILVANO DANIELI	ITA
36.34	CLARKE MITCHELL	USA	1:27.07	WILLIAM LAUER	USA	2:49.13	RICHARD HARTLEY	AUS	40.82	BARTON GREENBERG	USA
36.91	STEVE HADLEY	USA	1:27.79	LARRY SHANNON	USA	2:51.94	TAKAHIKO NOMA	JPN	41.10	JOSEPH KURTZMAN	USA
37.09	JOHN GOODE	USA	1:28.00	SHUNTAROU IIDA	JPN	2:53.62	ROGER FRANKS	USA	100 M. BRST		
37.59	ROLF SCHADENBERG	GER	1:29.74	CLARKE MITCHELL	USA	2:54.51	WILLIAM IRWIN	USA	1:26.14	FRITZ KLAPPROTH	GER
37.61	HELMUT HAUGER	GER	200 M. FLY			2:54.69	ERICH DILFER	GER	1:28.95	ZENJI NAKAHARI	JPN
37.65	ROGER BURRELL	GBR	3:03.27	MASAYASU KAMIYA	JPN	400 M. FREE			1:29.03	WERNER KRAUSE	GER
37.69	LLOYD SKRAMSTAD	USA	3:15.68	DIETER LOELIGER	AUS	5:33.44	WILLIAM PHILLIPS	USA	1:30.40	BRUNELLO GRAJA	ITA
100 M. BACK			3:19.55	WILLIAM LAUER	USA	5:54.06	ROGER FRANKS	USA	1:31.01	KARL-HEINZ KNOPS	GER
1:13.55	JACK BEATTIE	USA	3:26.45	HERB KERN	USA	5:59.11	FRANK PIEMME	USA	1:32.23	OSKAR GRIMM	GER
1:16.15	S.SEKIKAWA	JPN	3:29.09	CHARLES MAAS	USA	6:03.89	ISAO IKEGAMI	JPN	1:34.00	SILVANO DANIELI	ITA
1:20.66	BOB BARRY	AUS	3:31.00	BRUNELLO GRAJA	ITA	6:03.94	ZENJI NAKAHARI	JPN	1:34.56	TOSHIO TAJIMA	JPN
1:21.84	ROGER BURRELL	GBR	3:32.91	PAUL ALVAREZ	GBR	6:04.80	WIN WILSON	USA	1:34.80	KARL HAUTER	GER
1:23.77	JOHN GOODE	USA	3:41.43	CHARLES KOHNKEN	USA	6:07.09	SHIZUO KONISHI	JPN	1:35.08	ESKO SALONEN	FIN
1:24.94	HAL BEGEL	USA	3:41.58	HERBERT NAKAMA	USA	6:07.69	ERICH DILFER	GER	200 M. BRST		
1:25.16	EDUARD ALBEROLA	ESP	3:43.35	MASAE KOSAKA	JPN	6:14.51	GERHARD GROSSER	GER	3:17.90	BRUNELLO GRAJA	ITA
1:25.87	STEVE HADLEY	USA	100 M. I.M.			6:23.86	ROYCE JACKSON	AUS	3:20.13	KARL-HEINZ KNOPS	GER
1:26.13	BOB MILLER	USA	1:16.09	WALLY DOBLER	USA	800 M. FREE			3:21.81	ZENJI NAKAHARI	JPN
1:26.69	KEN KIMBALL	USA	1:18.31	HITOSHI KATOU	JPN	12:06.96	FRANK PIEMME	USA	3:23.04	CHARLES MOSS	USA
200 M. BACK			1:19.15	MASAYASU KAMIYA	JPN	12:12.80	WIN WILSON	USA	3:25.06	ISAO IKEGAMI	JPN
2:40.75	JACK BEATTIE	USA	1:19.63	DIETER LOELIGER	AUS	12:49.06	SHIZUO KONISHI	JPN	3:26.41	BARTON GREENBERG	USA
2:50.09	S.SEKIKAWA	JPN	1:20.36	GRAHAM JOHNSTON	USA	13:03.68	ROYCE JACKSON	AUS	3:36.60	SILVANO DANIELI	ITA
2:54.08	BOB BARRY	AUS	1:21.58	RICHARD WEICK	CAN	13:03.94	KEITH JONES	AUS	3:39.08	ALLAN DUFTY	AUS
3:00.99	JOHN DAVEY	AUS	1:21.65	BOB BARRY	AUS	13:17.68	ZENJI NAKAHARI	JPN	3:41.06	LEE ARTH	USA
3:01.90	ROGER BURRELL	GBR	1:22.09	RUDI VAN ESS	GER	13:40.97	ROBERT BLAKE	USA	3:45.01	GENE SAPPER	USA
3:06.62	KEN KIMBALL	USA	1:22.38	WILLIAM LAUER	USA	13:48.67	MINORU NAGASHIMA	JPN	50 M. FLY		
3:06.74	CLARKE MITCHELL	USA	1:22.74	LUTZ RESOW	GER	13:59.10	AKIRA WATANABE	JPN	34.28	ZENJI NAKAHARI	JPN
3:07.40	RICHARD WEICK	CAN	200 M. I.M.			14:11.47	JOHN DAILY	USA	34.50	FRITZ KLAPPROTH	GER
3:08.69	EDUARD ALBEROLA	ESP	2:49.03	JACK BEATTIE	USA	1500 M. FREE			35.50	GERHARD JUSTUS	GER
3:09.75	ANTONIO QUEVEDO	ESP	2:51.49	WALLY DOBLER	USA	22:26.25	WILLIAM PHILLIPS	USA	35.69	SUEO YAMAGUCHI	JPN
50 M. BRST			2:55.46	TONY STANTON	AUS	22:50.55	WIN WILSON	USA	36.10	PAUL HUTINGER	USA
36.70	NICK TEMPLEMAN	CAN	2:58.29	WOLFRAM GOTTFRIED	GER	22:54.68	FRANK PIEMME	USA	36.13	FRANK PIEMME	USA
36.99	JOHN KORTHEUER	USA	2:58.68	GRAHAM JOHNSTON	USA	24:59.41	ZENJI NAKAHARI	JPN	36.49	KARL-HEINZ KNOPS	GER
37.30	V.SVOZIL	CZE	3:01.73	MASAYASU KAMIYA	JPN	25:32.29	GERHARD GROSSER	GER	36.50	SILVANO DANIELI	ITA
37.48	LENNART BROCK	SWE	3:05.52	WILLIAM LAUER	USA	25:46.25	ROYCE JACKSON	AUS	36.67	DICK WEBBER	USA
37.49	BOB BEST	USA	3:05.99	LEN GOLDSTONE	USA	26:03.15	MINORU NAGASHIMA	JPN	36.93	JOSEPH KURTZMAN	USA
37.99	RUDI VAN ESS	GER	3:09.57	HERB KERN	USA	26:29.54	JORDAN WOLLE	USA	100 M. FLY		
38.39	LUTZ RESOW	GER	3:10.32	BOB MILLER	USA	26:41.55	BRUNO WEBER	USA	1:23.68	CHARLES MOSS	USA
38.57	SHUNSAKU TAKAHIRA	JPN	400 M. I.M.			26:56.59	AKIRA WATANABE	JPN	1:28.37	JOSEPH KURTZMAN	USA
38.59	JOST ROSENCRANTZ	GER	6:15.50	DIETER LOELIGER	AUS	50 M. BACK			1:29.18	KARL-HEINZ KNOPS	GER
38.59	ALBERT BUCHHOLZ	GER	6:28.15	BOB BEST	USA	36.94	PAUL HUTINGER	USA	1:30.11	LEN GOLDSTONE	USA
100 M. BRST			6:35.76	MASAYASU KAMIYA	JPN	37.33	P.VAN DIJK	USA	1:30.27	SILVANO DANIELI	ITA
1:22.87	NICK TEMPLEMAN	CAN	6:45.04	WILLIAM LAUER	USA	38.77	ZENJI NAKAHARI	JPN	1:32.22	ESKO SALONEN	FIN
1:24.33	TSUTOMU KAJIHARA	JPN	6:54.14	HERB KERN	USA	39.42	SHOUICHI SHIDA	JPN	1:34.54	FRANK PIEMME	USA
1:24.46	DIETER LOELIGER	AUS	6:58.41	SEYMOUR BANNING	GBR	39.49	GUNTER BEHNERT	GER	1:35.18	DON COUPE	AUS
1:25.90	V.SVOZIL	CZE	6:59.51	PAUL ALVAREZ	GBR	40.25	FLOYD ELIOTT	USA	1:36.21	MILT BRIER	USA
1:26.09	ALBERT BUCHHOLZ	GER	7:13.76	C.WEATHERBEE	USA	40.74	SHIGEKI TAKADA	JPN	1:37.99	SUEO YAMAGUCHI	JPN
1:26.25	SHUNSAKU TAKAHIRA	JPN	7:16.61	CHARLES KOHNKEN	USA	40.79	ERICH DILFER	GER	200 M. FLY		
1:27.64	MANABU AKIYAMA	JPN	7:27.61	HERBERT NAKAMA	USA	41.10	ALFIO FICHERA	ITA	3:15.85	CHARLES MOSS	USA
1:27.92	LENNART BROCK	SWE				41.56	ROBERT MCCLURE	NZL	3:21.74	LEN GOLDSTONE	USA
1:28.45	BRUNELLO GRAJA	ITA	**********			100 M. BACK			3:22.99	KARL-HEINZ KNOPS	GER
1:28.95	YASUO UTE	JPN	M E N 65-69			1:19.07	ROGER FRANKS	USA	3:24.80	SILVANO DANIELI	ITA
200 M. BRST			**********			1:22.04	PAUL HUTINGER	USA	3:28.25	JOSEPH KURTZMAN	USA
3:07.48	MANUEL SANGUILY	USA	50 M. FREE			1:24.97	P.VAN DIJK	USA	3:46.70	ALDO MANFROI	BRA
3:11.19	NICK TEMPLEMAN	CAN	29.79	TAKAHIKO NOMA	JPN	1:27.50	FLOYD ELIOTT	USA	3:46.97	MINORU NAGASHIMA	JPN
3:11.79	ALBERT BUCHHOLZ	GER	30.58	ZENJI NAKAHARI	JPN	1:29.25	ZENJI NAKAHARI	JPN	3:51.79	DON KORTEN	USA
3:14.10	BRUNELLO GRAJA	ITA	30.70	GERHARD JUSTUS	GER	1:31.79	GUNTER BEHNERT	GER	4:00.05	NOBUMASA YAMAZAKI	JPN
3:14.40	V.SVOZIL	CZE	30.82	FRANK PIEMME	USA	1:32.49	ROBERT MCCLURE	NZL	4:11.85	BILL JOHNSON	CAN
3:16.89	MANABU AKIYAMA	JPN	31.23	YUKIMORI YANO	JPN	1:33.19	ANDRES MARICHAL	ESP	100 M. I.M.		
3:17.80	GEROLAMO FORLANI	ITA	31.24	ISAO IKEGAMI	JPN	1:35.39	GUNTER PAETOW	GER	1:20.92	ZENJI NAKAHARI	JPN
3:21.29	YASUSHI TANGE	JPN	31.39	BOB CONGELLIERE	USA	1:35.99	ERICH DILFER	GER	1:22.16	LEN GOLDSTONE	USA
3:22.55	HANS DEN BOER	NED	31.45	DICK WEBBER	USA	200 M. BACK			1:23.92	FRANK PIEMME	USA
3:23.66	JOHN BLECK	USA	31.49	WILLIAM DOLAN	USA	2:52.77	ROGER FRANKS	USA	1:24.70	GERHARD JUSTUS	GER
50 M. FLY			31.52	BOB HERITIER	USA	3:03.89	PAUL HUTINGER	USA	1:24.96	PAUL HUTINGER	USA
32.80	MASAYASU KAMIYA	JPN	100 M. FREE			3:07.67	FLOYD ELIOTT	USA	1:26.19	KARL-HEINZ KNOPS	GER
32.92	EDUARD LEY	ESP	1:09.59	TAKAHIKO NOMA	JPN	3:17.90	ZENJI NAKAHARI	JPN	1:26.49	ERICH DILFER	GER
33.05	TSUTOMU KAJIHARA	JPN	1:10.88	WILLIAM PHILLIPS	USA	3:23.50	ROBERT MCCLURE	NZL	1:27.99	KARL HAUTER	GER
33.59	WOLFRAM GOTTFRIED	GER	1:11.56	FRANK PIEMME	USA	3:25.05	MIKIO FUJIWARA	JPN	1:28.50	BRUNELLO GRAJA	ITA
34.66	HERB KERN	USA	1:11.64	ZENJI NAKAHARI	JPN	3:26.40	TAKEO HIROTSU	JPN	1:28.54	SHOUICHI SHIDA	JPN
34.72	LARRY SHANNON	USA	1:11.84	ROBERT BLAKE	USA	3:33.47	LEE ARTH	USA	200 M. I.M.		
34.95	RICHARD WEICK	CAN	1:12.00	GERHARD JUSTUS	GER	3:37.06	GORDON MORRIS	AUS	3:02.81	CHARLES MOSS	USA
35.13	CLARKE MITCHELL	USA	1:13.19	WILLIAM DOLAN	USA	3:40.00	MARCO DE CECCO	ITA	3:05.61	ZENJI NAKAHARI	JPN
35.24	IVOR POPE	GBR	1:13.49	BOB HERITIER	USA	50 M. BRST			3:14.68	KARL-HEINZ KNOPS	GER

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

3:16.11	FRANK PIEMME	USA	26:14.45	GILBERT YOUNG	USA	39.30	ANDREW HOLDEN	USA	1:24.20	LYNN SURLES	USA
3:18.93	MASUO YAMASHITA	JPN	27:19.70	NORMAN DIXON	GBR	40.81	KAKUICHI YANAGAWA	JPN	1:24.89	OTTO CLAUS	GER
3:20.30	BRUNELLO GRAJA	ITA	27:36.37	DONALD LEADER	GBR	41.27	HISAO HORIKAWA	JPN	1:27.41	NORRIS FLUKE	USA
3:22.40	SILVANO DANIELI	ITA	27:51.12	JIM EDWARDS	USA	41.80	RODNEY BUTTON	AUS	1:27.71	BILL ODMAN	USA
3:22.62	ALLEN MILES	GBR	27:53.03	TERENCE KELLY	AUS	42.16	NILS KLING	SWE	1:27.82	HIDEYA FUJII	JPN
3:25.58	ISAO IKEGAMI	JPN	28:29.52	F.YAMAZAKI	JPN	42.39	GEORGE BRINTON	USA	200 M. FREE		
3:30.47	YUUJI SUZUKI	JPN	29:07.19	WILLIAM OAKES	GBR	100 M. FLY			2:48.67	RAYMOND TAFT	USA
400 M. I.M.			32:09.15	JOHN COCKBURN	AUS	1:43.95	KEIICHI TOKUNAGA	JPN	3:05.38	ALDO DA ROSA	USA
6:34.52	CHARLES MOSS	USA	32:17.15	ELMER FROST	USA	1:45.23	BOB MERRICK	USA	3:06.14	STEVE CARLSON	USA
6:37.57	ROGER FRANKS	USA	50 M. BACK			1:47.04	HIRONARI UEDA	JPN	3:10.01	ISAMU TAMURA	JPN
7:08.39	KARL-HEINZ KNOPS	GER	35.71	PAUL HUTINGER	USA	1:49.80	CARL-ERIK WILEN	FIN	3:11.85	NORRIS FLUKE	USA
8:08.94	MALCOLM STEVENS	AUS	37.63	KEIJIROU NAKAMURA	JPN	1:50.19	GERHARD DEGEN	GER	3:17.25	BILL ODMAN	USA
8:09.96	ISAAC SISKIND	USA	39.24	GEORGE BRINTON	USA	1:53.16	RICHARD SMITH	USA	3:17.87	JAMIE JENKINS	AUS
8:27.98	GEORGE STEWART	AUS	39.84	GOROU TANIGUCHI	JPN	1:53.77	GEORGE BRINTON	USA	3:20.60	OTTO CLAUS	GER
8:39.38	FRED ECKHARDT	USA	40.88	FORBES GENTLEMAN	GBR	1:55.14	MANABU OCHI	JPN	3:21.05	GODFREY WILLIAMS	AUS
8:50.21	WILLIAM BRANKER	GBR	40.90	KAZUKI OOMORI	JPN	1:56.29	TOMISHI YAMADA	JPN	3:21.33	DICK GUIDO	USA
8:50.50	ARMANDO MANCINI	ITA	41.19	GEORGE GANDSEY	USA	1:56.60	F.YAMAZAKI	JPN	400 M. FREE		
8:56.62	JAE BIRCH	USA	41.35	TOSHIO YURI	JPN	200 M. FLY			6:27.25	RAYMOND TAFT	USA
			41.96	H.MIYAZAKI	JPN	3:58.22	DONALD LEADER	GBR	6:31.52	STEVE CARLSON	USA
**********			42.19	ERICH BIERSTEDT	GER	4:03.23	KEVIN VICKERY	AUS	6:37.20	ALDO DA ROSA	USA
M E N 70-74			100 M. BACK			4:07.11	HIRONARI UEDA	JPN	6:45.93	DAVID MULLIKEN	USA
**********			1:21.74	PAUL HUTINGER	USA	4:13.44	MANABU OCHI	JPN	6:48.33	NORRIS FLUKE	USA
50 M. FREE			1:23.94	KEIJIROU NAKAMURA	JPN	4:14.76	RICHARD SMITH	USA	7:05.10	LUCIANO CANESSA	ITA
31.57	KEIJIROU NAKAMURA	JPN	1:30.28	GEORGE BRINTON	USA	4:32.39	RONALD RUCK	AUS	7:09.76	LYNN SURLES	USA
32.09	JOHN FLORANCE	USA	1:30.35	GOROU TANIGUCHI	JPN	5:06.43	KAZUYA NIIMURA	JPN	7:11.92	DICK GUIDO	USA
32.30	JACK HALE	GBR	1:32.54	GEORGE GANDSEY	USA	6:19.64	JAY CHARLES	USA	7:19.88	KISABUROU WADA	JPN
32.40	C.BRUNELLESCHI	ITA	1:34.77	BOB MERRICK	USA	100 M. I.M.			7:27.79	RYUUJI FUJIKAWA	JPN
32.50	PAUL HUTINGER	USA	1:35.46	FORBES GENTLEMAN	GBR	1:23.04	PAUL HUTINGER	USA	800 M. FREE		
32.75	HIDEAKI KATOU	JPN	1:36.82	H.MIYAZAKI	JPN	1:31.45	FORBES GENTLEMAN	GBR	12:45.40	RAYMOND TAFT	USA
33.02	SADAYUKI WAKAI	JPN	1:37.73	JOHN BRICKER	USA	1:32.52	KEVIN VICKERY	AUS	13:36.32	ALDO DA ROSA	USA
33.36	KEVIN VICKERY	AUS	1:38.21	JOHN WOODS	USA	1:33.69	GERNOT FUNK	GER	14:22.44	NORRIS FLUKE	USA
33.78	ANDREW HOLDEN	USA	200 M. BACK			1:34.10	C.BRUNELLESCHI	ITA	14:24.18	DAVID MULLIKEN	USA
33.85	JURGEN SCHMIDT	USA	2:59.92	PAUL HUTINGER	USA	1:35.70	HISAO HORIKAWA	JPN	14:28.57	ROBERT HARRIS	AUS
100 M. FREE			3:17.85	JACK HALE	GBR	1:35.92	JURGEN SCHMIDT	USA	14:39.60	LUCIANO CANESSA	ITA
1:13.42	KEVIN VICKERY	AUS	3:25.83	KEVIN VICKERY	AUS	1:35.94	BOB MERRICK	USA	15:08.51	FRANK MURPHY	USA
1:15.71	JURGEN SCHMIDT	USA	3:30.97	GEORGE GANDSEY	USA	1:38.20	TOYOSHIRO YAMADA	JPN	15:39.38	JOHN MERRILL	USA
1:16.57	FORBES GENTLEMAN	GBR	3:31.18	H.MIYAZAKI	JPN	1:38.53	JOHN WOODS	USA	15:44.86	KISABUROU WADA	JPN
1:17.10	C.BRUNELLESCHI	ITA	3:31.70	JAMIE JENKINS	AUS	200 M. I.M.			15:45.24	JOHN WOODS	USA
1:18.92	JOHN WOODS	USA	3:32.90	C.BRUNELLESCHI	ITA	3:25.87	JURGEN SCHMIDT	USA	1500 M. FREE		
1:19.47	HENNING HOLSTEIN	DEN	3:37.35	GERALD HUESTIS	USA	3:35.05	BOB MERRICK	USA	25:23.92	RAYMOND TAFT	USA
1:19.80	RODNEY BUTTON	AUS	3:39.18	GEORGE BRINTON	USA	3:37.09	GERALD HUESTIS	USA	25:43.61	ALDO DA ROSA	USA
1:19.96	SADAYUKI WAKAI	JPN	3:39.26	JOHN WOODS	USA	3:37.90	C.BRUNELLESCHI	ITA	27:14.84	NORRIS FLUKE	USA
1:20.70	BOB MERRICK	USA	50 M. BRST			3:40.18	TOYOSHIRO YAMADA	JPN	29:16.09	JOHN MERRILL	USA
1:21.34	TOYOSHIRO YAMADA	JPN	39.76	BARTON GREENBERG	USA	3:40.66	DONALD LEADER	GBR	29:34.69	JOHN WOODS	USA
200 M. FREE			41.40	ROBERT PFERSDORFF	GER	3:49.54	JOHN WOODS	USA	33:29.61	MAURICE STERN	USA
2:47.14	KEVIN VICKERY	AUS	41.49	HERBERT BUNGEROTH	GER	3:50.43	RICHARD SMITH	USA	33:35.99	STAN BOARDMAN	NZL
2:52.80	C.BRUNELLESCHI	ITA	41.59	OTTO GORA	GER	3:52.01	G.FURUHASHI	JPN	35:14.34	JACK GALLAGHER	CAN
2:55.38	FORBES GENTLEMAN	GBR	43.59	GERNOT FUNK	GER	3:52.08	HIRONARI UEDA	JPN	37:54.13	FRANK TILLOTSON	USA
2:56.70	JURGEN SCHMIDT	USA	43.69	SIEGFRIED PANKOW	GER	400 M. I.M.			40:43.44	BILL MCCARTHY	USA
3:02.09	JOHN WOODS	USA	44.32	TOM DOWELL	USA	7:01.47	PAUL HUTINGER	USA	50 M. BACK		
3:05.17	HIDEAKI KATOU	JPN	44.75	JAN HOEG	NOR	7:36.51	KEVIN VICKERY	AUS	39.83	RAYMOND TAFT	USA
3:07.81	BOB MERRICK	USA	44.97	JIMMY CHOY	USA	7:39.23	DONALD LEADER	GBR	40.40	SHOUICHI SAKAMOTO	JPN
3:08.76	WAYNE SHADDBOLT	USA	45.08	SADAYUKI WAKAI	JPN	7:41.36	GERALD HUESTIS	USA	43.79	OTTO CLAUS	GER
3:10.74	JAMIE JENKINS	AUS	100 M. BRST			8:08.97	HIRONARI UEDA	JPN	44.37	ALDO DA ROSA	USA
3:12.68	KAIZOU WATANABE	JPN	1:29.48	BARTON GREENBERG	USA	8:13.03	RICHARD SMITH	USA	44.49	GERHARD HEIN	GER
3:12.68	JIM EDWARDS	USA	1:35.80	ROBERT PFERSDORFF	GER	8:31.87	CLARENCE WEBB	USA	45.58	ISAMU TAMURA	JPN
400 M. FREE			1:37.29	GERNOT FUNK	GER	8:38.94	MANABU OCHI	JPN	45.69	BRION WINSHIP	USA
5:55.12	KEVIN VICKERY	AUS	1:38.59	SIEGFRIED PANKOW	GER	8:47.67	WILLIAM OAKES	GBR	45.78	BOB CHRISTIANS	USA
6:14.21	PAUL HUTINGER	USA	1:42.24	ISAO FUNAMOTO	JPN	8:52.99	JOHN SCARR	AUS	45.99	WALTER MINNICH	GER
6:22.40	C.BRUNELLESCHI	ITA	1:43.58	NORMAN GARSOE	USA				46.89	WERNER ULLRICH	GER
6:23.94	JURGEN SCHMIDT	USA	1:43.77	SADAYUKI WAKAI	JPN	**********			100 M. BACK		
6:41.85	GIL YOUNG	USA	1:44.16	BOB MERRICK	USA	M E N 75-79			1:27.41	RAYMOND TAFT	USA
6:42.09	WAYNE SHADDBOLT	USA	1:44.26	ABRASHA BRAININ	USA	**********			1:36.69	NORRIS FLUKE	USA
6:45.70	BOB MERRICK	USA	1:44.50	TAKESHI YASUKAWA	JPN	50 M. FREE			1:42.69	WILLI WINDEL	GER
6:45.82	NILS KLING	SWE	200 M. BRST			34.41	ISAMU TAMURA	JPN	1:45.69	OTTO CLAUS	GER
6:51.02	NORMAN DIXON	GBR	3:46.49	KEVIN VICKERY	AUS	35.22	SHOUICHI SAKAMOTO	JPN	1:47.52	JOSEF PREINER	GER
6:52.55	DONALD LEADER	GBR	3:47.60	NORMAN GARSOE	USA	35.74	JERRY SIEFERT	USA	1:47.69	BRION WINSHIP	USA
800 M. FREE			3:48.90	MAURO LOMBARDI	ITA	35.80	LYNN SURLES	USA	1:48.88	SVERRE BRYNE	NOR
13:03.70	JURGEN SCHMIDT	USA	3:54.41	JOHN DAVIS	GBR	36.00	GERHARD HEIN	GER	1:50.77	KISABUROU WADA	JPN
14:15.20	RICHARD SMITH	USA	3:57.57	HARRY TRAVIS	GBR	36.63	STEVE CARLSON	USA	1:52.09	SHIROU ISHIKAWA	JPN
14:18.81	BOB MERRICK	USA	3:58.28	ABRASHA BRAININ	USA	37.09	OTTO CLAUS	GER	1:52.27	BOB CHRISTIANS	USA
14:46.21	JIM EDWARDS	USA	3:58.92	LOUIS KEMPENAERS	BEL	37.09	WALTER MINNICH	GER	200 M. BACK		
14:52.56	TERENCE KELLY	AUS	3:59.15	GENICHI SUZUKI	JPN	37.14	WILLIAM JOHNSTON	USA	3:10.22	RAYMOND TAFT	USA
15:07.36	F.YAMAZAKI	JPN	4:00.23	TOYOSHIRO YAMADA	JPN	37.17	HARRY CLASS	CAN	3:25.13	NORRIS FLUKE	USA
15:39.46	EDWARD BITNER	USA	4:08.43	GUNNAR POULSEN	DEN	100 M. FREE			3:32.30	ALDO DA ROSA	USA
15:40.49	GEORG MULLER	GER	50 M. FLY			1:18.10	EISAKU HAYASHI	JPN	3:42.87	WILLI WINDEL	GER
15:41.26	MANABU OCHI	JPN	35.25	PAUL HUTINGER	USA	1:22.56	JERRY SIEFERT	USA	4:08.75	KISABUROU WADA	JPN
15:54.39	KAIZOU WATANABE	JPN	36.46	JACK HALE	GBR	1:22.68	ALDO DA ROSA	USA	4:09.20	LUCIANO CANESSA	ITA
1500 M. FREE			37.59	ROBERT PFERSDORFF	GER	1:23.08	STEVE CARLSON	USA	4:09.89	SHIROU ISHIKAWA	JPN
24:52.85	JURGEN SCHMIDT	USA	38.34	JURGEN SCHMIDT	USA	1:23.50	ISAMU TAMURA	JPN	4:10.03	JOHN HAAKE	USA

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

4:11.60 GEORGE HUBBELL USA
4:14.00 K.STIBINGER CZE
50 M. BRST
42.30 WALTER MINNICH GER
43.30 Y.MIYAMOTO JPN
44.10 AUGUSTO ROMANO ITA
44.37 ALDO DA ROSA USA
45.20 PAUL KRUP USA
46.54 HIROMU YOSHIMOTO JPN
49.34 ROLF ILVESVIITA FIN
49.93 YUKIO SAKURAI JPN
51.09 RYOUZOU MASE JPN
51.90 EIJI NODA JPN
100 M. BRST
1:36.60 AUGUSTO ROMANO ITA
1:40.79 WALTER MINNICH GER
1:41.13 ALDO DA ROSA USA
1:41.90 Y.MIYAMOTO JPN
1:46.34 PAUL KRUP USA
1:53.72 RYOUZOU MASE JPN
1:53.81 RAY BROOKHOUSE GBR
1:55.89 WILLI WINDEL GER
1:58.33 Y.HASEGAWA JPN
1:59.10 MASAHARU HAMANO JPN
200 M. BRST
3:34.40 AUGUSTO ROMANO ITA
3:42.35 ALDO DA ROSA USA
3:57.62 Y.MIYAMOTO JPN
3:57.89 PAUL KRUP USA
4:10.16 RAY BROOKHOUSE GBR
4:20.44 GEORGE HUBBELL USA
4:24.77 MASAHARU HAMANO JPN
4:26.32 Y.HASEGAWA JPN
4:51.53 ARTHUR EVANS AUS
5:01.08 JACK MATHIESON AUS
50 M. FLY
39.71 BIRCH DAVIDSON USA
41.10 RAYMOND TAFT USA
41.20 GERHARD MITSCH GER
42.39 Y.MIYAMOTO JPN
43.64 PAUL KRUP USA
43.70 GERHARD HEIN GER
44.59 WALTER MINNICH GER
46.52 ALDO DA ROSA USA
49.23 SADAKANE OOSAKI JPN
49.76 GEORGE RAFTER USA
100 M. FLY
1:46.24 PAUL KRUP USA
1:54.69 GERHARD MITSCH GER
2:03.54 WILLIAM JOHNSTON USA
2:11.25 KAZUYA NIIMURA JPN
2:16.64 KISABUROU WADA JPN
2:19.63 JOHN JOHNSTON USA
2:23.00 VIRGILIO BOCCARDO ITA
2:34.20 VILJO VIITANEN FIN
3:21.64 YASUICHI ISHIZUKA JPN
3:39.90 HARRY REDPATH AUS
200 M. FLY
3:59.25 ALDO DA ROSA USA
4:06.13 PAUL KRUP USA
4:45.95 Y.HASEGAWA JPN
5:22.56 WILLIAM JOHNSTON USA
7:29.17 YASUICHI ISHIZUKA JPN
100 M. I.M.
1:27.43 RAYMOND TAFT USA
1:28.97 BIRCH DAVIDSON USA
1:40.09 WALTER MINNICH GER
1:41.11 PAUL KRUP USA
1:42.49 WILLI WINDEL GER
1:43.50 Y.MIYAMOTO JPN
1:45.60 SVERRE BRYNE NOR
1:45.72 JERRY SIEFERT USA
1:48.14 NORRIS FLUKE USA
1:48.47 DAVID MULLIKEN USA
200 M. I.M.
3:20.35 RAYMOND TAFT USA
3:48.46 NORRIS FLUKE USA
3:59.88 Y.MIYAMOTO JPN
4:02.29 DAVID MULLIKEN USA
4:10.75 Y.HASEGAWA JPN

4:14.91 GEORGE RAFTER USA
4:16.40 KISABUROU WADA JPN
4:29.34 JOHN JOHNSTON USA
4:31.77 WILLIAM JOHNSTON USA
4:44.83 KAZUYA NIIMURA JPN
400 M. I.M.
7:08.53 RAYMOND TAFT USA
7:36.00 BIRCH DAVIDSON USA
8:32.38 DAVID MULLIKEN USA
8:55.29 Y.HASEGAWA JPN
10:51.50 VIRGILIO BOCCARDO ITA

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M E N 80-84
****

50 M. FREE
36.16 WOODROW BOWERSOCK USA
37.96 TOKUSHI YONEDA JPN
38.49 FRIEDERICH KUHM GER
38.49 WILLIAM GRANT USA
38.59 R.REINSTADTLER GER
39.75 MASAO UEDA JPN
40.15 JAMES HARVIE AUS
40.38 YASUO HANAOKA JPN
40.93 DEXTER WOODFORD USA
41.15 S.MOCHIZUKI JPN
100 M. FREE
1:31.41 DEXTER WOODFORD USA
1:33.71 S.MOCHIZUKI JPN
1:33.79 FRIEDERICH KUHM GER
1:33.96 SHOUGOROU AZUMA JPN
1:34.06 WOODROW BOWERSOCK USA
1:37.16 HEINZ SIEGEL GER
1:38.02 TETSU YAMAUCHI JPN
1:40.43 NOBUO USHIMI JPN
1:42.19 WALTER STEEB GER
1:44.09 HUGO-EDUARD ERNEN GER
200 M. FREE
3:18.97 DEXTER WOODFORD USA
3:40.23 S.MOCHIZUKI JPN
3:41.13 HEINZ SIEGEL GER
3:43.19 R.REINSTADTLER GER
3:46.03 NOBUO USHIMI JPN
3:55.44 DAVID MCAFEE USA
3:57.47 WOODROW BOWERSOCK USA
3:57.67 SHOUGOROU AZUMA JPN
3:58.09 HUGO-EDUARD ERNEN GER
4:13.43 CECIL BOND AUS
400 M. FREE
7:13.17 DEXTER WOODFORD USA
8:00.39 R.REINSTADTLER GER
8:04.50 WOODROW BOWERSOCK USA
8:34.57 DAVID MCAFEE USA
9:29.43 ROY HODGES GBR
9:39.04 GASTAO FIGUEIREDO BRA
9:40.00 CAM WEIR CAN
9:44.77 ALLEN BURGOYNE AUS
9:50.31 FRANK TILLOTSON USA
10:12.69 EVERETT CASSELL USA
800 M. FREE
15:18.19 DEXTER WOODFORD USA
18:13.37 WOODROW BOWERSOCK USA
19:20.27 CAM WEIR CAN
22:44.57 ALLEN BURGOYNE AUS
23:41.19 EUGENE LEHMAN CAN
1500 M. FREE
28:43.31 DEXTER WOODFORD USA
34:29.00 FRED WALBOLT USA
38:58.52 ROY HODGES GBR
42:52.20 C.J. HAMILTON USA
44:24.42 EUGENE LEHMAN CAN
44:27.99 ALLEN BURGOYNE AUS
50 M. BACK
43.92 EDWARD SHEA USA
45.50 R.REINSTADTLER GER
45.93 TOKUSHI YONEDA JPN
50.53 SHOUGOROU AZUMA JPN
50.89 C.SCHERER GER
52.29 ADOLF LONTZ GER
53.29 WERNER RASCH GER

54.11 JIM TRIOLO USA
54.33 WILLIAM GRANT USA
54.34 CECIL BOND AUS
100 M. BACK
1:37.17 EDWARD SHEA USA
1:40.19 C.SCHERER GER
1:46.39 R.REINSTADTLER GER
1:50.98 TOKUSHI YONEDA JPN
1:58.61 HANS KOLB USA
1:59.91 SHOUGOROU AZUMA JPN
2:00.63 CECIL BOND AUS
2:00.96 WOODROW BOWERSOCK USA
2:04.89 ADOLF LONTZ GER
2:06.35 FRANK TILLOTSON USA
200 M. BACK
3:33.91 EDWARD SHEA USA
4:18.12 CECIL BOND AUS
4:24.85 HANS KOLB USA
4:29.41 FRANK TILLOTSON USA
4:40.72 WOODROW BOWERSOCK USA
5:04.59 FRANZ KOCH GER
5:07.01 SYD HENDY USA
5:33.01 JOHN GLENN USA
5:35.18 ROY BODINE USA
5:59.17 BERNARD BUSST AUS
50 M. BRST
48.49 C.SCHERER GER
50.49 ADOLF LONTZ GER
50.80 GIORDANO RAGGI ITA
52.36 JERRY EVERALL USA
53.08 ARTHUR EVANS AUS
53.19 JIM PANTON CAN
54.80 VILJO VIITANEN FIN
54.90 ENZO LOMBARDI ITA
55.39 WALTER SEIFERT GER
55.59 WALTER STEEB GER
100 M. BRST
1:56.36 WALT PFEIFFER USA
1:58.91 JERRY EVERALL USA
1:59.99 ADOLF LONTZ GER
2:02.40 GIORDANO RAGGI ITA
2:05.61 JIM PANTON CAN
2:07.03 VILJO VIITANEN FIN
2:11.59 ROLF ABEL GER
2:11.69 WALTER STEEB GER
2:15.70 ENZO LOMBARDI ITA
2:18.68 ARTHUR EVANS AUS
200 M. BRST
4:17.11 WALTER PFEIFFER USA
4:23.45 JERRY EVERALL USA
4:31.50 GIORDANO RAGGI ITA
4:53.18 ARTHUR EVANS AUS
5:21.84 ROY HODGES GBR
5:27.25 FRANK TILLOTSON USA
6:13.01 EVERETT CASSELL USA
6:16.13 YONEO TOBASE JPN
6:16.60 LUIGI DAVOGLIO ITA
6:30.67 JOHN GLENN USA
50 M. FLY
51.29 ADOLF LONTZ GER
52.66 TOKUSHI YONEDA JPN
53.41 WILLIAM GRANT USA
56.13 HEINZ SIEGEL GER
57.57 JESSE COON USA
57.64 WOODROW BOWERSOCK USA
57.79 R.REINSTADTLER GER
59.80 RYOUSUKE YAMAZAKI JPN
1:05.70 LUIGI DAVOGLIO ITA
1:06.39 GUSTAV JAISER GER
100 M. FLY
1:52.51 WALT PFEIFFER USA
2:11.39 ADOLF LONTZ GER
2:16.80 WILLIAM GRANT USA
2:35.70 JESSE COON USA
2:55.25 NOBUO USHIMI JPN
2:57.94 ROY BODINE USA
200 M. FLY
4:25.99 WALTER PFEIFFER USA
5:46.63 JESSE COON USA
100 M. I.M.

1:44.08 WALT PFEIFFER USA
1:49.43 TOKUSHI YONEDA JPN
1:52.79 R.REINSTADTLER GER
1:53.95 WILLIAM GRANT USA
1:56.09 HEINZ SIEGEL GER
2:00.19 ADOLF LONTZ GER
2:14.98 JESSE COON USA
2:15.80 LUIGI DAVOGLIO ITA
2:23.59 FRANK TILLOTSON USA
2:34.75 ROY BODINE USA
200 M. I.M.
3:50.55 WOODROW BOWERSOCK USA
3:59.52 WALT PFEIFFER USA
4:30.22 HEINZ SIEGEL GER
4:45.85 WILLIAM GRANT USA
5:13.54 JESSE COON USA
5:17.30 LUIGI DAVOGLIO ITA
7:13.95 EUGENE LEHMAN CAN
7:43.24 HENRY STEINBISS USA
400 M. I.M.
8:34.45 WALTER PFEIFFER USA
10:20.38 WILLIAM GRANT USA

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

50 M. FREE
45.34 BILL FARRELL NZL
46.53 JARING TIMMERMAN CAN
49.99 REINHOLD ZOEGE GER
52.75 ALFREDO CHERCHI AUS
54.20 HANS PAUL GER
54.38 WILLIAM MARQUETTE USA
57.09 F.MEERWALD GER
57.28 DON NEEFE USA
57.57 JOHN MAXWELL USA
58.76 PETER JURCZYK USA
100 M. FREE
1:46.99 JARING TIMMERMAN CAN
1:54.65 BILL FARRELL NZL
1:59.44 ALFREDO CHERCHI AUS
2:01.60 LUIGI DAVOGLIO ITA
2:13.05 PETER JURCZYK USA
2:15.63 MATSUTOSHI YATABE JPN
2:20.19 REINHOLD ZOEGE GER
2:23.49 JOHN MAXWELL USA
2:29.47 DON NEEFE USA
200 M. FREE
4:00.73 JARING TIMMERMAN CAN
4:31.15 ALFREDO CHERCHI AUS
4:43.33 NORI YAMAMOTO JPN
5:11.64 MATSUTOSHI YATABE JPN
5:39.39 DON NEEFE USA
6:04.31 JOHN MAXWELL USA
400 M. FREE
8:48.94 JARING TIMMERMAN CAN
9:37.29 ALFREDO CHERCHI AUS
50 M. BACK
58.09 HERMANN DEUTZMANN GER
1:00.85 HARRY JAGGERS USA
1:01.56 BILL FARRELL NZL
1:01.89 HANS PAUL GER
1:03.10 LUIGI DAVOGLIO ITA
1:03.98 NORI YAMAMOTO JPN
1:08.81 S.FUKUWATARI JPN
1:09.37 PETER JURCZYK USA
1:10.86 WILLIAM MARQUETTE USA
1:12.05 DON NEEFE USA
100 M. BACK
2:17.90 NORI YAMAMOTO JPN
2:33.42 PETER JURCZYK USA
2:43.13 DON NEEFE USA
2:47.05 ALFREDO CHERCHI AUS
200 M. BACK
5:25.70 PETER JURCZYK USA
5:28.60 ALFREDO CHERCHI AUS
50 M. BRST
57.50 HANS PAUL GER
58.82 HERMANN DEUTZMANN GER
58.99 REINHOLD ZOEGE GER

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

1:03.80 LUIGI DAVOGLIO ITA
1:04.36 SVEND KNUDSEN DEN
1:07.60 KENNOSUKE KOYAMA JPN
1:35.87 PETER JURCZYK USA
1:46.49 JOHN MAXWELL USA
2:03.10 DON NEEFE USA
100 M. BRST
2:31.89 HERMANN DEUTZMANN GER
2:38.60 LUIGI DAVOGLIO ITA
2:39.48 REINHOLD ZOEGE GER
2:41.52 KENNOSUKE KOYAMA JPN
200 M. BRST
4:58.98 FRANK GRIFFITHS AUS
6:30.40 LUIGI DAVOGLIO ITA
50 M. FLY
1:06.40 LUIGI DAVOGLIO ITA
1:06.91 NORI YAMAMOTO JPN
1:17.99 REINHOLD ZOEGE GER
100 M. FLY
2:40.10 LUIGI DAVOGLIO ITA
100 M. I.M.
2:06.37 FRANK GRIFFITHS AUS
2:38.29 REINHOLD ZOEGE GER
2:53.23 PETER JURCZYK USA

****
M E N 90-94
****
50 M. FREE
1:01.22 GUS LANGNER USA
1:10.30 PEDRO ALMEIDA BRA
100 M. FREE
2:22.56 GUS LANGNER USA
200 M. FREE
5:10.88 GUS LANGNER USA
50 M. BACK
1:22.32 PEDRO ALMEIDA BRA
1:34.06 GUS LANGNER USA
100 M. BACK
3:21.36 PEDRO ALMEIDA BRA
200 M. BACK
6:35.42 GUS LANGNER USA
50 M. BRST
1:33.70 GUS LANGNER USA
200 M. BRST
6:41.56 GUS LANGNER USA
100 M. I.M.
3:00.53 GUS LANGNER USA

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

****
M E N 100-104
****
****
RELAYS: WOMEN 200 M. FREE
****
AGE 100-119
ROMA NOR 1:57.66

BERHNAL GBR 1:58.29

SPENCER GBR 2:00.07

BECKENHAM GBR 2:01.79

CITY BRADFORD GBR 2:02.38

HANKYUUSSNICHI JPN 2:03.56
RYOUKO TANAKA
CHIE TSUJI
TAKAE MORINAKA
MARIKO AKIYAMA

HATTEM-WEZEP NED 2:03.59
PETRA ENGELSMAN
INGE MOLENWIJK
BETSIE BONHOF
SANDRA TON

RUISLIP NORTH GBR 2:03.67

LAMBERTSETER NOR 2:03.73

ELDSVOLL NOR 2:04.03

AGE 120-159
SPENCER GBR 1:58.24

CITY BRADFORD GBR 2:00.45

AALSCHOLVER NED 2:00.86
SYL TIMMERMANS
MARIJKE LE LOUX
IRMA MARKENSTEIJN
MARJA ENGEL

WEST HOLLYWOOD USA 2:01.37
ANDREA DEVUONO
AMY DANTZLER
LISA BOVE
MORRI SPANG

SIHLFISCH-ADLIS SUI 2:01.83
BERNET
SCHEIDEGGER
STEIGER
ISEPPI

YORK CITY BATHS GBR 2:02.11

ORLM USA 2:02.98
DEBRA HANSON
J. WILLIS
C. GATTO
EILEEN HARTLE

BISTOL GBR 2:03.25

POWERPOINTS AUS 2:03.35
ELLEN DEVRIES
ANNE GARDINER
SALLY GARVEY
SUE BARRETT

ROCHDALE GBR 2:03.46

AGE 160-199
BARNET COPTHALL GBR 2:06.06

SPENCER GBR 2:07.14

YORK CITY BATHS GBR 2:09.75

MOVY USA 2:11.09
LAURA CALWELL
L.MCHENRY
T.MCGIVERIN
S.BLATTNER

INDIANA USA 2:11.96
MARYANN STEVENS
E.MALKEMUS
SHARON WISE
BEA HACKETT

SWOL 1894 NED 2:12.45
GONNIE BAK
BEA POOL
HENRIET KORNELIS
C.NIEUWENHUIS

SPENCER GBR 2:14.21

OAHU KIOICHOU JPN 2:14.30
HIDEKO CHUUBACHI
MACHIKO TANAMURA
HIROKO FURUYA
YOSHIKO SATOU

WARRINGAH AUS 2:16.61
JENNIFER AUSTIN
TRACY PASCALL
JENNIFER MCLEAN
JENNY WETTON

OHTSUSWIM JPN 2:16.95
KEIKO TSUJI
MASAKO AKITA
JUNKO IWAMI
AGUMI HONGOU

AGE 200-239
BARNET COPTHALL GBR 2:20.77

NORTH LODGE AUS 2:23.72
ALISON STEVENS
MAREE MANKS
CAROL ANDERSON
BARBARA LUSCOMBE

ALBYNS GBR 2:24.95

SG NEUKOLLN GER 2:25.36

CAIRNS MUD CRAB AUS 2:25.74

KUNIMISC JPN 2:26.64
HIROMI SATOU
FUMIYO KIMURA
REIKO KOGA
TSUNEKO YONEKURA

POWERPOINTS AUS 2:27.46
SANDRA HOLDSWORTH
HEATHER JONES
JENNY LANG
MARGARET WALLINDA

SPENCER GBR 2:27.57

ETTALONG AUS 2:29.41
J. THOROUGHGOOD
ELVERA DUNN
PAM HUTCHINGS
IRENE COLLINS

TOKYUTAMAGAWA JPN 2:32.40
NOBUKO ASHIKARI
KAYOKO UKIGAI
KUNIE YAMAMOTO
FUJIKO OOMORI

AGE 240-279
NEM USA 2:25.52
CLARA WALKER
B.ANN BURRILL
DIANE REED
JENNY LUKER

ETTALONG AUS 2:31.38
IRENE COLLINS
ELVERA DUNN
PAM HUTCHINGS
IRMA HEYTING

SOLK HELLAS SWE 2:35.29

KIBOGAOKASC JPN 2:38.69
HARUKO MURASE
MASAE KURATA
SHIZUE TOYAMA
RYOUKO GOTOU

HEKKUTAKATSUKI JPN 2:39.30
HIDEKO NAITOU
KEIKO FUJIMOTO
KAZUKO KAMISUNA
KIYOKO IKEUCHI

SAN DIEGO SWIM USA 2:45.39
ADRIENNE PIPES
LYNNE LUND
DIANA SILVA
BETSY JORDAN

SAN DIEGO USA 2:45.39
ADRIENNE PIPES
LYNNE LUND
DIANA SILVA
BETSY JORDAN

HEKKUTAKATSUKI JPN 2:45.86
HIDEKO NAITOU
KAZUMI KUWATA
KEIKO FUJIMOTO
TEIKO ONO

SAPPORO ATHLETI JPN 2:46.38
SHIZUE BANDOU
TOYOKO TANAKA
YOSHI OGATA
CHISE IBE

CRONULLA SUTHER AUS 2:46.44
BARBARA ROSE
BETTY STERN
GERGAYNIA SHELLEY
LIBBY HASSALL

AGE 280-319
HOLMES LUMBER USA 3:09.96
FLORENCE CARR
GERTRUD ZINT
M. NEWMAN
JUNE REYNOLDS

HESTON GBR 3:34.20

OAHU KIOICHOU JPN 3:45.91
KIMIE KANAI
SUMIKO YANAGISAWA
SACHIKO UDA
HIDEKO MORI

CRONULLA SUTHER AUS 3:48.79
BARBARA MURPHY
NORA VAUGHAN
BETTY STERN
NANCYE MITCHELL

SG BERLIN NORD GER 4:12.19

****
RELAYS: WOMEN 200 M. MEDLEY
****
AGE 100-119
BECKENHAM GBR 2:14.15

SPENCER GBR 2:15.47

ROMA NOR 2:15.59

CITY BRADFORD GBR 2:16.06

ELDSVOLL NOR 2:16.99

SHEFFIELD GBR 2:17.33

ORLM USA 2:17.62
VAN DER MOLEN
EILEEN HARTLE
DEBRA HANSON
J. WILLIS

BETHNAL GBR 2:17.63

HATTEM-WEZEP NED 2:19.29
INGE MOLENWIJK
SANDRA TON
BETSIE BONHOF
PETRA ENGELSMAN

HILLINGDON GBR 2:20.23

AGE 120-159
SAN DIEGO SWIM USA 2:05.27
VICKY DAVIDSON
MATHILDE BOUWMA
KARLYN PIPES
BETH KNIGHT

ROMA NOR 2:06.63

WEST HOLLYWOOD USA 2:11.41
ANDREA DEVUONO
KAREN MELICK
LISA BOVE
AMY DANTZLER

SPENCER GBR 2:12.12

HILLINGDON GBR 2:15.23

ELDSVOLL NOR 2:16.16

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

SG LUBECK GER 2:17.29

IFK LIDINGOS SK SWE 2:18.12

CITY BRADFORD GBR 2:18.22

LAKESIDE MASTER USA 2:19.03
MARY CHRIS CURL
A.WRIGHT-BELKNAP
PAM MARTIN
AMY POPE

AGE 160-199
SPENCER GBR 2:19.81

SWOL 1894 NED 2:24.36
MARTY BIJLSMA
HENRIET KORNELIS
C.NIEUWENHUIS
BEA POOL
BARNET COPTHALL GBR 2:27.04

SPENCER GBR 2:27.22

SC HURTH GER 2:28.09

NEC GREEN SS JPN 2:29.36
YOUKO WATANABE
MIEKO IPPOU
NAGAE HAYASAKA
YUMI KOYAMA
ROCHDALE GBR 2:29.69

WARRINGAH AUS 2:30.68
JENNIFER AUSTIN
MARGARET JOY
JANET FAIRLEY
JENNY EDWARDS
DUSSELDORFER SC GER 2:32.99

OHTSUSWIM JPN 2:33.26
JUNKO IWAMI
KEIKO TSUJI
MASAKO AKITA
AGUMI HONGOU

AGE 200-239
SG NEUKOLLN GER 2:40.70

BARNET COPTHALL GBR 2:41.56

SPENCER GBR 2:44.34

ALBYNS GBR 2:45.52

SALISBURY GBR 2:45.68

KUNIMISC JPN 2:48.13
HIROMI SATOU
FUMIYO KIMURA
REIKO KOGA
TSUNEKO YONEKURA
SSF BONN GER 2:48.99

MSV MUNCHEN GER 2:50.95

HEKKUTAKATSUKI JPN 2:51.03
NOBUKO NITTA
KAZUKO KAMISUNA
MICHIKO OOTO
KEIKO FUJIMOTO
RINCONADA USA 2:52.05
ANN KAY
BOBBI CALLISON
SUE KELLY
CAROL MACPHERSON

AGE 240-279
ETTALONG AUS 2:55.95
IRMA HEYTING
PAM HUTCHINGS
ELVERA DUNN
JUNE GRANZIERA
SOLK HELLAS SWE 3:01.74

KIBOGAOKASC JPN 3:03.17
CHIEKO URANO
SHIZUE TOYAMA
KUNIKO ISHII
MASAE KURATA
FLUMINENSE BRA 3:04.98
MARCIA BORELLI
CANDIDA GANDOLPHO
MARIA PADILLA
MARIA FERNANDES
HEKKUTAKATSUKI JPN 3:05.26
KEIKO FUJIMOTO
KAZUKO KAMISUNA
KIYOKO IKEUCHI
HIDEKO NAITOU
SAN DIEGO SWIM USA 3:09.48
BETSY JORDAN
ADRIENNE PIPES
LYNNE LUND
DIANA SILVA
SPENCER GBR 3:09.72

HEKKUTAKATSUKI JPN 3:09.73
KEIKO FUJIMOTO
KAZUMI KUWATA
TEIKO ONO
HIDEKO NAITOU
SOUTHPORT GBR 3:09.77

FLUMINENSE BRA 3:10.89
MARCIA BORELLI
CANDIDA GANDOLPHO
ENEDINA PEREIRA
MARIA FERNANDES

AGE 280-319
OAHU KIOICHOU JPN 3:37.64
KIYOKO MITOKU
KIMIE KANAI
HIDEKO MORI
MACHIKO ITAI
HOLMES LUMBER USA 3:38.11
M. NEWMAN
GERTRUD ZINT
FLORENCE CARR
JUNE REYNOLDS
HESTON GBR 4:30.73

ADELAIDE AUS 4:34.96
KATE MCCARTHY
CARRIE HATSWELL
ELIZABETH BERCE
NORMA FOWLER
CRONULLA SUTHER AUS 4:35.25
NANCYE MITCHELL
NORA VAUGHAN
BETTY STERN
JOAN NELSON
RALEIGH AREA USA 5:50.08
BUZ CATLIN
JUDY ANN KELLY
BETTE HOFFMANN
GERRY SPEAKER
****
RELAYS: M E N 200 M. FREE
****
AGE 100-119
SSC NOR 1:39.40

CAMP HILL GBR 1:40.78

ARKE-DE DINKEL NED 1:40.80
MARCEL EKKELBOOM
GUIDO HEMELTJEN
MARCEL SCHOLTEN
STEFAN WIGGERS
LOUGHBOROUGH GBR 1:41.14

SG REGIO FREIBU GER 1:41.20

HILLINGDON GBR 1:41.43

LEICHESTER GBR 1:41.94

DIST. COLUMBIA USA 1:42.10
DAVID MICHAELS
SCOTT BRINITZER
BRUCE BORNFLETH
STAFFORD HEMMER
ROYAL AIR FORCE GBR 1:42.11

ROMA NOR 1:42.32

AGE 120-159
ROMA NOR 1:39.46

HERRER VARG NOR 1:39.77

BARNET COPTHALL GBR 1:40.07

JYVASKYLAN SAUK FIN 1:40.51

PACIFIC NW AQUA USA 1:40.64
CRAIG MALLERY
TOM SEIFTS
RICK PETERSON
KAMERON WELLS
BOROUGH KIRKLEE GBR 1:41.71

CAMP HILL GBR 1:42.12

ORLM USA 1:42.94
ARNIE PEREZ
F. CHARMFOROOSH
M. SHEPARDSON
L. MEISENHEIMER
CHICAGO SMELTS USA 1:43.52
SETH HOFF
MARTY SARUSSI
THOMAS ERNSTING
CHRIS LAYTON
HILLINGDON GBR 1:43.61

AGE 160-199
INDIANA USA 1:43.72
DAVID SANTOS
ROGER JONES
TOM PERRIN
BILL KOSS
WEST HOLLYWOOD USA 1:43.84
JON BAUER
THOMAS REUDY
JAMES BALLARD
RICHARD HUNTER
EMPIRE STATE USA 1:45.08
BRAD COLE
MICHAEL O'CONNOR
CHARLES CARSON
MATT CLARK
SSG NECKARSULM GER 1:47.79

GOLD COAST MAST USA 1:47.95
BRYAN VOLPP
MICHAEL DIVELY
MARTY HENDRICK
CARL MALER
OTTER GBR 1:48.73

SO CAL AQUATIC USA 1:50.15
CLAY EVANS
JOHN QUINN
MARK SNYDER
ERIC MARVEL
ROCKFORD & DIST GBR 1:50.81

TRAFFORD METRO GBR 1:50.84

UNIV OF SAN FRA USA 1:50.84
RICHARD GARRETT
RICHARD ATONDO
RANDALL SCHILLER
DAVID AHLMAN

AGE 200-239
SO CAL AQUATICS USA 1:47.41
PETER O'KEEFFE
FRED HUBBELL
FRANK PIEMME
FRANS NELSON
YORK CITY BATHS GBR 1:52.76

OLDENBURGER SV GER 1:56.49

SOUTHPORT GBR 1:56.81

SG BERLIN NEUKO GER 1:58.59

OL NOR 1:58.61

SSG PFORZHEIM GER 1:59.09

S.C.PINGVIINIT FIN 1:59.87

SG KORNWESTH/MA GER 2:00.29

VSA HIRAKATA JPN 2:00.48
KAZUYOSHI NAKASE
HIROSHI KOJIMA
KUNIHIRO SATOU
TAKEKAZU KOTERA

AGE 240-279
BUCKEYE MASTERS USA 1:58.22
SID HALL
JOHN FLORANCE
YOSHI OYAKAWA
THOMAS OLANDER
OL NOR 2:08.42

OTTER GBR 2:10.22

FOX HOLLIES GBR 2:11.23

IKEGAMI JPN 2:11.38
KOUJI OONUKI
S.TAKEUCHI
M.NAKASHIBA
ISAO IKEGAMI
ETTALONG AUS 2:13.05
FRED ELSOM
ALLAN DUFTY
KEVIN VICKERY
BILL COOK
SSV LIPS LEIPZI GER 2:13.39

TOTTORI JPN 2:13.64
TOSHIMI IKEMOTO
HISAO MIKURIYA
IZUMI MATSUDA
HIROSHI DOI
SENYU JPN 2:13.78
SHIGEO MATSUMOTO
ISAO YONEYAMA
HIROSHI AOYANAGI
T.WATANABE
DOLPHINSC JPN 2:14.37
MAMORU TANAKA
S.NAGASAWA
JIROU NAGASAWA
KARSUJI YAMASHITA

AGE 280-319
SHUEICLUB JPN 2:13.66

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

ISAMU TAMURA
KEIICHI TOKUNAGA
SABUROU NEZU
KEIJIROU NAKAMURA
OREGON USA 2:21.48
ERIC GUEST
GILBERT YOUNG
EARL WALTER
ANDREW HOLDEN
SO CAL AQUATICS USA 2:26.31
GEORGE BRINTON
JURGEN SCHMIDT
LEE ARTH
BOB MERRICK
SG REMSCHEID GER 2:30.79

SSV RHEYDT GER 2:33.29

RIS88 JPN 2:33.72
TAKASHI NISHIDA
TETSU YAMAUCHI
SHIROU ISHIKAWA
SEIICHI MATSUURA
ST LOUIS USA 2:35.26
EDWARD ROSENHAUER
DONALD SERY
WILLIAM GRANT
ROBERT BLAKE
OL NOR 2:38.96

TROJANS NZL 2:42.65
BILL FARRELL
STAN BOARDMAN
COLIN PALMER
BOB PORTEOUS
SGS BERLIN GER 2:43.69

AGE 320-359
LONG BEACH USA 2:51.43
WALTER PFEIFFER
JOHN GLENN
WOODROW BOWERSOCK
BOB CHRISTIANS
****
RELAYS: M E N 200 M. MEDLEY
****
AGE 100-119
NOTTINGHAM GBR 1:52.48

ROMA NOR 1:52.61

SSC NOR 1:53.11

HILLINGDON GBR 1:53.13

LEICESTER GBR 1:54.67

LOUGHBOROUGH GBR 1:55.31

PACIFIC NW AQUA USA 1:55.62
ROBERT WELCHER
KAMERON WELLS
PAUL SHERMAN
CRAIG MALLERY
ARKE-DE DINKEL NED 1:55.80
MARCEL EKKELBOOM
MARCEL SCHOLTEN
E.NIJMEIJER
GUIDO HEMELTJEN
CAMDEN SWISS NOR 1:56.78

ROYAL AIR FORCE GBR 1:56.90

AGE 120-159
BAYLOR/LONE STA USA 1:45.01
JAY YARID
GREG RHODENBAUGH
BOBBY PATTEN
MOOK RHODENBAUGH
BARNET COPTHALL GBR 1:52.95

BOROUGH KIRKLEE GBR 1:53.37

CAMP HILL GBR 1:53.54

VARG NOR 1:54.76

JYVAKSYLAN SAUK FIN 1:55.47

ROMA NOR 1:55.80

EMPIRE STATE USA 1:55.87
THEODORE KRUCKEL
MATT CLARK
TODD COOPER
MARC SANDAU
WEST HOLLYWOOD USA 1:56.25
JIM RHYNE
WAYNE JACKSON
BRUCE HATTON
RICHARD WIENECKE
LAMBERTSETER NOR 1:56.39

AGE 160-199
WEST HOLLYWOOD USA 1:54.91
JAMES BALLARD
THOMAS REUDY
MICHAEL MEALIFFE
GARY QUINN
EMPIRE STATE USA 2:00.18
R. CREIGHTON
RONALD LUCE
MICHAEL O'CONNOR
WILLIAM MATSON
INDIANA USA 2:02.68
DAVID SANTOS
TOM PERRIN
M.A CARTER SR
ROGER JONES
GOLD COAST USA 2:02.70
MARTY HENDRICK
BRYAN VOLPP
CARL MALER
MICHAEL DIVELY
SG BERLIN NORD GER 2:02.89

MURASAKI JPN 2:03.52
RYUUJI NAGATA
YASUFUMI TSUNEOKA
TAKAO KASHIWAGI
YOSHIHIRO KISHI
ROCHFORD/DIST GBR 2:03.74

SPENCER GBR 2:03.79

JYVASKYLAN SAUK FIN 2:03.85

TRAFFORD METRO GBR 2:04.60

AGE 200-239
YORK CITY BATHS GBR 2:10.38

SOUTHPORT GBR 2:11.31

SPENCER GBR 2:11.84

ALBYNS GBR 2:12.64

OTTER GBR 2:13.18

FLUMINENSE BRA 2:14.39
JOSE FERRAZ
RINALDO FERREIRA
SYLVIO RIBEIRO
GYORGY PAVETITS
SG KORNWESTH/MA GER 2:14.79
OL NOR 2:14.90

SGS BERLIN GER 2:15.19

FLUMINENSE BRA 2:15.61
JOSE FERRAZ
RINALDO FERREIRA
GYORGY PAVETITS
LUIS SILVA

AGE 240-279
BUCKEYE MASTERS USA 2:16.44
YOSHI OYAKAWA
JOHN MEDICI
THOMAS OLANDER
JOHN FLORANCE
BRISTOL MASTERS GBR 2:20.49

SG REMSCHEID GER 2:26.69

SSV LIPS LEIPZI GER 2:27.79

DOLPHINSC JPN 2:28.02
TOSHIO NOZUE
MAMORU TANAKA
JIROU NAGASAWA
KATSUJI YAMASHITA
SO CAL AQUATICS USA 2:28.29
CLAY EVANS
FRANK PIEMME
PARRY O'BRIEN
JURGEN SCHMIDT
SAN DIEGO SWIM USA 2:28.67
JOHN GOODE
LLOYD SKRAMSTAD
J.STEPHEN MOSELEY
JIM JONES
TACHIKAWASUIEIK JPN 2:28.80
TSUTOMU MIYAUCHI
MAKOTO KOMANO
SUEO YAMAGUCHI
YUUSUKE SAYAMA
SSF BONN GER 2:29.69

TOTTORIMASTERS JPN 2:30.22
Y.KAWAMOTO
KENJI NAKAMURA
HISAO MIKURIYA
TOSHIMI IKEMOTO

AGE 280-319
SHUEICLUB JPN 2:39.05
GOROU TANIGUCHI
GENICHI SUZUKI
KEIICHI TOKUNAGA
KEIJIROU NAKAMURA
OREGON USA 2:48.78
EARL WALTER
ERIC GUEST
ANDREW HOLDEN
GILBERT YOUNG
SO CAL AQUATICS USA 2:49.46
GEORGE BRINTON
JOHN STERN
LEE ARTH
BOB MERRICK
ST LOUIS USA 2:56.37
WILLIAM CANNON
ART KELLEY
WILLIAM GRANT
ROBERT BLAKE
SSV RHEYDT GER 3:00.69

MANLY AUS 3:03.66
JAMIE JENKINS
DEREK EDWARDS
JOHN VIDAL
JOHN COMYNS
SG REMSCHEID GER 3:04.59
RIS88 JPN 3:04.87
SHIROU ISHIKAWA
TAKASHI NISHIDA
SEIICHI MATSUURA
TETSU YAMAUCHI
TROJANS NZL 3:05.26
STAN BOARDMAN
COLIN PALMER
BOB PORTEOUS
BILL FARRELL
SGS BERLIN GER 3:16.09

AGE 320-359
SOLK HELLAS SWE 3:19.77

ICARAI BRA 4:01.46
PEDRO ALMEIDA
IVO SILVA
ALBERTO CARVALHO
GASTAO FIGUEIREDO
****
RELAYS: MIXED 200 M. FREE
****
AGE 100-119
ROMA NOR 1:50.56

ORLM USA 1:51.29
VAN DER MOLEN
J. WILLIS
F. CHARMFOROOSH
P. FISCHER
AALSCHOLVER NED 1:52.00
MARJA ENGEL
MARIJKE LE LOUX
MARCUS GHARBI
ERWIN LOOIJENGA
SAN DIEGO SWIM USA 1:52.03
MATHILDE BOUWMA
JULIE BENJAMIN
LUKE SALERNO
JAY GOLDSCHMIDT
FLAMENGO BRA 1:53.69
LUCIMAR PALIZA
JOSE SANTOS
CRISTINA CALLOU
L.GANDOLPHO
WEST HOLLYWOOD USA 1:55.35
STEVEN WYLLIE
MARIANNE KELLY
AMY DANTZLER
JOHN PETER DOBSON
SC HURTH GER 1:56.09

LAMBERTSETER NOR 1:56.77

EMPIRE STATE USA 1:56.93
KRISTIN KRAMER
MARCY YEISLEY
JULIAN PEPLOE
V. MONTEMARANO
ROMA NOR 1:57.10

AGE 120-159
SAN DIEGO SWIM USA 1:46.27
VICKY DAVIDSON
KARLYN PIPES
GARY FORTUNE
ALAN VOISARD
EMPIRE STATE USA 1:47.70
MICHELE HUYETTE
CATHY REDSON
MATT CLARK
TONY MEINDL
ROMA NOR 1:48.90

HOLMES LUMBER USA 1:49.31
JACK MCKEAN

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

GINA AGUILAR
C. WILLIAMS
KATHY STEELE
ORLM USA 1:50.66
DEBRA HANSON
EILEEN HARTLE
M. SHEPARDSON
L. MEISENHEIMER
WEST HOLLYWOOD USA 1:50.72
KURT SMITH
MORRI SPANG
ANDREA DEVUONO
JAMES BALLARD
STRAWBERRY CANY USA 1:51.39
GRANATE SOSNOFF
LINDA BUCHANAN
JOHAN STEINER
STEVEN CZEKALA
LAMBERTSETER NOR 1:51.49

SV BENSBERG GER 1:51.64

JAM USA 1:52.70
MERIT GREAVES
KELLEY ALLEN
MAUREEN JONES
THOMAS SMITH

AGE 160-199
NAGI ESP 1:56.72
MONZO
MAYOR
CLARET
BALBUENA
WARRINGAH AUS 1:57.82
MARGARET JOY
JENNY EDWARDS
PETER JACKSON
MARK MORGAN
EMPIRE STATE USA 1:59.90
EILEEN O'CONNOR
GWEN DEELY
MARK QUIGLEY
MICHAEL O'CONNOR
SWOL 1894 NED 2:00.87
HENRIET KORNELIS
BE VD ZIEL
C.NIEUWENHUIS
HARRY DOKTER
ARIZONA MASTERS USA 2:01.31
BRUCE JOHNSON
ROBERT LIOTTA
MARY LIOTTA
BRENDA CRESWELL
JYVASKYLAN SAUK FIN 2:01.63

BREMISCHER SV GER 2:01.77

BSC NOR 2:01.94

BSLM USA 2:02.28
CRAIK DAVIS
JAN HINSON
LARRY SHANNON
JENNIFER BURNS
SG NEUKOLLN GER 2:03.22

AGE 200-239
TEA TREE GULLY AUS 2:10.24
CAROLYN FLEMING
JOHN COLES
JOANNE FOREMAN
JOHN DIGANCE
SG NEUKOLLN GER 2:11.22

SSG PFORZHEIM GER 2:11.60

ETTALONG AUS 2:11.67
KEVIN VICKERY
DAVID WALKER
PAM HUTCHINGS
JUDITH TURNHAM
PORIN UIMASEURA FIN 2:11.94

SAN DIEGO SWIM USA 2:13.74
J.STEPHEN MOSELEY
PEGGY LEONG
BETSY JORDAN
R. MIKE FRESHLEY
SIHLFISCH-ADILI SUI 2:13.99

LEBANISHIBASHI JPN 2:15.23
YUKIO TERAMURA
SETSUKO MURANISHI
CHIKAKO FUKAI
MANABU NICHIO
NORTH SYDNEY AUS 2:15.58
DOUG PATRICK
D. PAVIOUR-SMITH
HELEN BRUCE
BELINDA HURDIS
WARRINGAH AUS 2:15.93
JOHN PARRY
RUTH WALL
LINDY KENNIWELL
PETER JACKSON

AGE 240-279
KIBOGAOKASC JPN 2:19.67
KUNIKO ISHII
HIDEYA FUJII
SHIZUE TOYAMA
KUNIHIRO IWASAKI
GOLD COAST USA 2:22.27
ANNE MCGUIRE
HERB KERN
WILLIAM DOLAN
MARGARET TIMMINS
SO CAL AQUATICS USA 2:24.67
JURGEN SCHMIDT
SYLVIA GLENN
BOB MERRICK
BONNIE ADAIR
DURHAM LIGHT NZL 2:27.05
TOM BRERETON
SID SALEK
OLGA JOHNSON
LIZ CALVERT
SAN DIEGO SWIM USA 2:28.19
LLOYD SKRAMSTAD
ADRIENNE PIPES
LYNNE LUND
JIM JONES
HEKKUTAKATSUKI JPN 2:30.33
KIYOKO IKEUCHI
MANABU OCHI
KEIKO FUJIMOTO
MAKOTO OKABAYASHI
HEKKUTAKATSUKI JPN 2:30.55
RYOUJI FUJIMOTO
MANABU OCHI
HIDEKO NAITOU
MICHIKO OOTO
DURHAM LIGHT NZL 2:32.18
KEN WOODS
PRISCILLA LOGAN
TOM COWDELL
OLGA JOHNSON
FLUMINENSE BRA 2:32.79
SAUL BIRMAN
CANDIDA GANDOLPHO
MARCIA RIBEIRO
KENNETH KASSIN
ETTALONG AUS 2:33.78
MAX BANES
FRED ELSOM
IRENE COLLINS
ELVERA DUNN

AGE 280-319
OREGON USA 2:41.20
GERALD HUESTIS
PAULINE STANGEL
EARL WALTER
PETEY SMITH
OJAI/SANTA BARB USA 2:44.45
JOHN MELVILLE
GRACE ALTUS
RUTH BAAR
BOYD FORD
SOLK HELLAS SWE 2:46.63

SAN DIEGO SWIM USA 2:50.61
JERRY SIEFERT
DIANA SILVA
BOBBI TURCOTTE
DON HUBBARD
KEIHANHAMAOHTSU JPN 2:50.69
CHIE TANI
KEIGO KATSUMI
AKIKO TANIZAKI
KINICHI HITOMI
SPM USA 2:58.47
ROBERT PATTON
DORIS MCEWAN
GLADYS OLSEN
ABRASHA BRAININ
HOLMES LUMBER USA 3:02.29
RICHARD AVERY
FLORENCE CARR
GERTRUD ZINT
DICK LYMAN
LONG BEACH MAST USA 3:03.83
BRION WINSHIP
ROBERT SMITH
MARGO BOUER
MAURINE KORNFELD
TROJANS NZL 3:06.14
EDNA FARRELL
BILL FARRELL
NGAIRE BONE
BOB PORTEOUS
SAPPORO JPN 3:06.36
RYOUSUKE YAMAZAKI
EIKO YAMADA
SETSUKO NARITA
TAKICHIROU TANAKA

AGE 320-359
LONG BEACH MAST USA 3:37.67
WALTER PFEIFFER
WOODROW BOWERSOCK
MADELEINE MILLER
MAXINE MERLINO
****
RELAYS: MIXED 200 M. MEDLEY
****
AGE 100-119
SAN DIEGO SWIM USA 2:03.36
VICKY DAVIDSON
ALAN VOISARD
GARY FORTUNE
JULIE SARKIN
ROMA NOR 2:04.99

SC HURTH GER 2:05.79

EMPIRE STATE USA 2:06.32
JACK MACKENROTH
TONY MEINDL
CATHY REDSON
KRISTIN KRAMER
DE AALSCHOLVER NED 2:07.00
MARJA ENGEL
ERWIN LOOIJENGA
MARIJKE LE LOUX
MARCUS GHARBI
LAMBERTSETER NOR 2:07.31
WEST HOLLYWOOD USA 2:08.01
JIM RHYNE
DAVID NEWMAN
LISA BOVE
AMY DANTZLER
SAN DIEGO SWIM USA 2:08.06
MATHILDE BOUWMA
LUKE SALERNO
JULIE BENJAMIN
JAY GOLDSCHMIDT
STAG MONHEIM GER 2:08.89

AT MECLENBERG USA 2:09.35
CHRISTINE HOLMAN
KEVIN DUGAN
JOHN ALLEN
MELINDA FINLEY

AGE 120-159
LAKE LYTAL USA 2:01.62
GORDON ANDREWS
GLORIA NEMET
PEER SNOEP
KERRI ALTMAN
HOLMES LUMBER USA 2:06.63
JACK MCKEAN
BOB RUTH
GINA AGUILAR
KATHY STEELE
ROMA NOR 2:06.63

WEST HOLLYWOOD USA 2:07.27
JAMES BALLARD
ROBERT FUENTES
PHRANC GOTTLIEB
MORRI SPANG
AALSCHOLVER NED 2:07.85

WARRINGAH AUS 2:07.88
JENNY WETTON
TONY TOOHER
MARK MORGAN
JENNY EDWARDS
SV BENSBERG GER 2:08.03

STRAWBERRY CANY USA 2:08.60
JOHAN STEINER
LINDA BUCHANAN
STEVEN CZEKALA
GRANATE SOSNOFF
SACRAMENTO MAST USA 2:09.00
GLEN STEWART
ANDREW BRENAN
THERESA MUTH
KERRY FREEMAN
ORLM USA 2:09.53
DEBRA HANSON
DAVID WESLEY
P. FISCHER
EILEEN HARTLE

AGE 160-199
WEST HOLLYWOOD USA 2:01.59
ANDREA DEVUONO
KAREN MELICK
MICHAEL MEALIFFE
THOMAS REUDY
STKANSAI JPN 2:09.56
YOSHIE OSAKI
YOSHIHIKO OSAKI
KOUJI NAKANO
YOSHIKO OSAKI
EMPIRE STATE USA 2:10.67
KAREN FARNSWORTH
RONALD LUCE
CHARLES CARSON
GWEN DEELY
NAGI ESP 2:11.00
MONZO
VALVERDE

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FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1994

BALBUENA
SERVALLS
MALVERN MARLINS AUS 2:11.97
JANNETTE JEFFREY
PATRICK DEVINE
GERRY TUCKER
SUSAN DIMMICK
OLIVAR ESP 2:12.78
SEBASTIAN
CORRES
SANTAMARIA
BARKLEY
TOYAMAPALACE JPN 2:13.71
CHIYOMI TANAKA
TOSHIHARU FUJII
K.MATSUYAMA
MIHOKO TAKA
WARRINGAH AUS 2:15.03
DEBORAH AUSTIN
LAURIE SMITH
MARK MORGAN
MARGARET JOY
SG SOLINGEN GER 2:15.09

LOS ALTOS USA 2:15.39
KRISTY KING
CAROLYN BOAK
RANDY COX
KEEFE LODWIG

AGE 200-239
SG NEUKOLLN GER 2:21.69

FLUMINENSE BRA 2:25.21
MARIA PADILLA
RINALDO FERREIRA
SYLVIO RIBEIRO
ELAINE PEREIRA
SG NEWKOLLN GER 2:27.02

ETTALONG AUS 2:27.95
PAM HUTCHINGS
JUDITH TURNHAM
DAVID WALKER
KEVIN VICKERY
OL NOR 2:28.90

POWERPOINTS AUS 2:29.17
HEATHER JONES
MICHAEL MOLONEY
TIM NORTH
ALISON BANAY
SPM USA 2:29.38
PETER BETZER
JOANN HARRELSON
ANNE PAGE
PAUL HUTINGER
RINCONADA USA 2:29.86
FRED FARLEY
JACK HALLIDAY
SUE KELLY
ANN KAY
PORIN UIMASEURA FIN 2:29.95

SSC GERMANIA BR GER 2:29.99

AGE 240-279
SSF BONN GER 2:38.99

GOLD COAST USA 2:39.44
ANNE MCGUIRE
HERB KERN
WILLIAM DOLAN
MARGARET TIMMINS
KIBOGAOKASC JPN 2:40.07
KUNIKO ISHII
SHIZUE TOYAMA
KUNIHIRO IWASAKI
HIDEYA FUJII

SO CAL AQUATICS USA 2:43.39
SYLVIA GLENN
BOB MERRICK
BONNIE ADAIR
FRANK PIEMME
FLUMINENSE BRA 2:44.46
MARCIA BORELLI
CANDIDA GANDOLPHO
GYORGY PAVETITS
ARAM BOGHOSSIAN
SG NEUSS GER 2:45.89

SC HURTH GER 2:46.39

SAN DIEGO SWIM USA 2:49.38
JOHN GOODE
ADRIENNE PIPES
LYNNE LUND
JIM JONES
FLUMINENSE BRA 2:49.46
MARCIA BORELLI
RINALDO FERREIRA
ANDRE BOUTIGUE
CANDIDA GANDOLPHO
SG REMSCHEID GER 2:49.69

AGE 280-319
OREGON USA 3:08.35
GERALD HUESTIS
PAULINE STANGEL
EARL WALTER
PETEY SMITH
SAN DIEGO SWIM USA 3:19.64
DIANA SILVA
JERRY SIEFERT
DON HUBBARD
BOBBI TURCOTTE
TROJANS NZL 3:23.99
EDNA FARRELL
NGAIRE BONE
BOB PORTEOUS
BILL FARRELL
KEIHANHAMAOHT NZL 3:23.99
KINICHI HITOMI
KEIGO KAONE
BOB PORTEOUS
BILL FARRELL
KEIHANHAMAOHT JPN 3:25.11
KINICHI HITOMI
KEIGO KATSUMI
CHIE TANI
AKIKO TANIZAKI
ICARAI BRA 3:25.64
GASTAO FIGUEIREDO
NORA RONAI
MARLENE MENDES
HILDEBRANDO COSTA
HOLMES LUMBER USA 3:26.39
RICHARD AVERY
GERTRUD ZINT
FLORENCE CARR
DICK LYMAN
SG BERLIN-NORD GER 3:29.49

LONG BEACH USA 3:30.38
MAURINE KORNFELD
MARGO BOUER
WALTER PFEIFFER
WOODROW BOWERSOCK
SAPPORO JPN 3:30.71
YASUO MASUKI
RYOUSUKE YAMAZAKI
SUMIKO KUJI
FUMI MURATA

AGE 320-359
LONG BEACH MAST USA 3:56.40
MAXINE MERLINO
MADELEINE MILLER
WALTER PFEIFFER
WOODROW BOWERSOCK

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