



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

Table with 5 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers for various events in 1993.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

Table with 4 columns: Rank, Name, Country, Time. Lists top 10 swimmers in various categories (100m, 200m, 400m, 500m, 1000m, 1500m, 2000m, 2500m, 3000m, 3500m, 4000m, 4500m, 5000m, 5500m, 6000m, 6500m, 7000m, 7500m, 8000m, 8500m, 9000m, 9500m, 10000m) for women's short course meters.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

2:34.69	S.MORCHE-BLOCH	GER	100 M.	BRST	6:11.29	DENISE EVERITT	USA	36.20	SANDRA O'NEILL	GBR	
2:35.39	SUE MACROWAN	GBR	1:22.30	GILLIAN CACKETT	GBR	6:12.52	SUSAN HARBOTTLE	AUS	36.61	MIMI FRANK	USA
2:35.55	KATHRYN WINE	USA	1:23.34	DEBORAH WALKER	USA	6:24.34	DIANE PHILIPS	CAN	37.08	SUSANA CAMPIGLI	ESP
400 M.	FREE		1:23.81	SUSAN HARBOTTLE	AUS	6:39.72	CHRISTINE GREGORY	GBR	37.99	LINDA SKIRTON	GBR
4:56.27	DANIELLE OGIER	USA	1:25.24	CATHY MERRITT	CAN	6:43.28	ROSE SALTMAN	AUS	38.19	BRIGITTE MERTEN	GER
4:58.50	BARBARA DUNBAR	USA	1:25.39	CHRISTIANE HEEREN	GER	6:45.38	MARILYN STEWARD	GBR	38.37	CLARY MUNNS	AUS
5:08.00	LORRAINE KENT	NZL	1:25.59	BEA POOL	NED	6:51.04	JUDITH HALL	AUS	38.56	KIRSTEN KORBO	DEN
5:09.12	SUSAN HARBOTTLE	AUS	1:27.34	DANIELLE OGIER	USA	6:55.71	SANDRA CATHEY	USA	38.73	JEANNIE MITCHELL	USA
5:13.35	CATHY MERRITT	CAN	1:28.09	CONSOELO GRATER	GER				38.85	NANETTE DUNCAN	AUS
5:17.01	LESLEY GOUGH	AUS	1:28.31	CHRISTINE GREGORY	GBR						
5:17.17	DENISE EVERITT	USA	1:28.43	DIANE ROTHENBERG	USA						
5:18.39	LINDSAY POWELL	GBR	200 M.	BRST					1:17.50	SANDRA O'NEILL	GBR
5:18.79	CONSOELO GRATER	GER	2:58.55	GILLIAN CACKETT	GBR	50 M.	FREE		1:21.25	RACHEL MAYRICK	GBR
5:21.39	KARLENE WISE	USA	3:03.49	CHRISTIANE HEEREN	GER	30.47	JUDY REED	USA	1:21.76	MIMI FRANK	USA
800 M.	FREE		3:04.03	CATHY MERRITT	CAN	30.66	SHARON WISE	USA	1:22.89	NANETTE DUNCAN	AUS
10:07.81	BARBARA DUNBAR	USA	3:04.35	DANIELLE OGIER	USA	30.89	SUSAN ROY	USA	1:24.79	JEANNIE MITCHELL	USA
10:19.01	DANIELLE OGIER	USA	3:04.42	SUSAN HARBOTTLE	AUS	31.02	SANDRA O'NEILL	GBR	1:25.09	CLARY MUNNS	AUS
10:45.73	DENISE EVERITT	USA	3:07.70	BEA POOL	NED	31.30	N.CHIRIKOVA	RUS	1:25.31	GAYNOR CORLIS	AUS
10:54.84	LINDSAY POWELL	GBR	3:08.99	S.MORCHE-BLOCH	GER	31.35	JEN THOMASSON	AUS	1:25.72	C.MARTIN-DYE	GBR
11:02.58	SUSAN HARBOTTLE	AUS	3:10.61	DIANE ROTHENBERG	USA	31.79	BRIGITTE MERTEN	GER	1:25.88	MASAKO AKITA	JPN
11:05.09	MOIRA RUSHTON	CAN	3:12.10	CATHY SCHULBACH	USA	32.01	ANN LYTTLE	USA	1:26.39	BRIGITTE MERTEN	GER
11:09.79	MIREILLE RICHTER	SUI	3:13.38	CHRISTINE GREGORY	GBR	32.06	LINDA MC HENRY	USA	200 M.	BACK	
11:13.72	KARLENE WISE	USA	50 M.	FLY		32.11	TOMOKO OKADA	JPN	2:47.67	SANDRA O'NEILL	GBR
11:14.03	ROSE SALTMAN	AUS	30.42	LAURA VAL	USA	100 M.	FREE		2:59.41	N.MIKHAYLOVA	RUS
11:22.18	KATHRYN WINE	USA	32.55	C.STONESIFER	USA	1:07.92	F.WILLIAMSON	USA	3:03.79	MASAKO AKITA	JPN
1500 M.	FREE		32.77	S.PLATT-ROGERS	GBR	1:09.68	JUDY WILSON	GBR	3:04.08	ELLY FLEIG	AUS
19:14.25	BARBARA DUNBAR	USA	32.90	CONNY BOER-BUYS	NED	1:10.39	ANN LYTTLE	USA	3:04.93	MARY POHLMANN	USA
19:27.80	DANIELLE OGIER	USA	33.29	CONSOELO GRATER	GER	1:10.86	JUDY REED	USA	3:05.88	JEANNIE MITCHELL	USA
20:27.84	DENISE EVERITT	USA	33.49	BARBARA DUNBAR	USA	1:11.23	N.CHIRIKOVA	RUS	3:07.13	JEN THOMASSON	AUS
20:31.39	SUSAN HARBOTTLE	AUS	33.50	C.NIEUWENHUIS	NED	1:11.27	KATHY HYDE	NZL	3:07.56	ELAINE BLOWER	GBR
20:54.49	SHERRY KITTRELL	USA	33.57	KARLENE WISE	USA	1:12.19	BRIGITTE MERTEN	GER	3:10.18	GINGER PIERSON	USA
20:56.58	CATHY SCHULBACH	USA	33.69	REGULA STEIGER	SUI	1:12.20	PATTY THOMPSON	CAN	3:10.26	LINDA MONK	GBR
20:58.01	GAIL GREENWOOD	USA	33.86	SUSAN HARBOTTLE	AUS	1:12.33	LUCY JOHNSON	USA	50 M.	BRST	
21:02.08	MOIRA RUSHTON	CAN	100 M.	FLY		1:12.52	KRISTINA KING	USA	38.46	CAROLYN BOAK	USA
21:04.15	KARLENE WISE	USA	1:06.86	LAURA VAL	USA	200 M.	FREE		38.66	SUSAN ROY	USA
21:19.75	FRAN HARE	USA	1:12.44	BARBARA DUNBAR	USA	2:30.26	SANDRA O'NEILL	GBR	39.29	EMMA GIER	GER
50 M.	BACK		1:15.69	DENISE EVERITT	USA	2:33.50	CAROLYN BOAK	USA	39.69	MARTINA KRAUSE	GER
31.55	LAURA VAL	USA	1:16.63	KARLENE WISE	USA	2:35.14	ANN LYTTLE	USA	39.85	GINGER PIERSON	USA
33.26	PATRICIA FLETCHER	CAN	1:16.65	C.STONESIFER	USA	2:36.51	KRISTINA KING	USA	40.49	VLASTA OEHL	GER
34.03	S.PLATT-ROGERS	GBR	1:17.19	S.MORCHE-BLOCH	GER	2:36.57	BRIGITTE MERTEN	GER	40.79	BRIGITTE MERTEN	GER
35.42	CAROL SOUSA	USA	1:17.37	SANDRA BRAY	NZL	2:37.07	JUDY WILSON	GBR	40.80	HELEN JENKINS	GBR
35.50	YOSHIMI MURAYAMA	JPN	1:18.17	JUDITH CLARKE	AUS	2:37.16	KATHY HYDE	NZL	40.93	KAYAKO HIROSE	JPN
36.00	TAKAKO NAKAHARA	JPN	1:19.41	C.NIEUWENHUIS	NED	2:37.16	KATHY HYDE	NZL	41.14	CHRISTIE SLIMAK	USA
36.15	SALLY KARRASCH	USA	1:19.63	JULIA HECTOR	GBR	2:40.13	LUCY JOHNSON	USA	100 M.	BRST	
36.34	SUSI BURKI	SUI	200 M.	FLY		2:41.19	PAULINE COOKE	GBR	1:23.86	SUSAN ROY	USA
36.55	JAN PESAVENTO	USA	2:29.19	LAURA VAL	USA	2:42.27	PATTY THOMPSON	CAN	1:26.70	GINGER PIERSON	USA
37.22	KARLENE WISE	USA	2:39.55	BARBARA DUNBAR	USA	400 M.	FREE		1:29.69	VOLCKER ANNEGRET	GER
100 M.	BACK		2:50.46	DENISE EVERITT	USA	5:21.64	SANDRA O'NEILL	GBR	1:29.79	VLASTA OEHL	GER
1:13.37	PATRICIA FLETCHER	CAN	3:00.29	S.MORCHE-BLOCH	GER	5:24.09	KRISTINA KING	USA	1:30.22	ALLISON PAYNE	CAN
1:14.55	MARY ANN STEVENS	USA	3:00.97	JULIA HECTOR	GBR	5:30.71	SUE DILLS	USA	1:30.91	KAYAKO HIROSE	JPN
1:15.20	S.PLATT-ROGERS	GBR	3:04.21	R.BRITTINGHAM	USA	5:32.99	ANN LYTTLE	USA	1:31.81	KATHRINE CASEY	USA
1:15.78	JAN PESAVENTO	USA	3:10.97	LIZ PRATT	AUS	5:35.89	LUCY JOHNSON	USA	1:32.00	CHRISTIE SLIMAK	USA
1:19.18	KARLENE WISE	USA	3:14.58	VIKI ALTOMONTE	USA	5:36.31	ANN SVANSON	USA	1:32.60	L.YAKOVIEVA	RUS
1:19.98	CAROL SOUSA	USA	3:16.31	JUDITH CLARKE	AUS	5:39.06	JEN THOMASSON	AUS	1:32.98	HEATHER MORGAN	AUS
1:20.00	B.STATKEVICIENE	LIT	3:16.60	YUMI NOSHITA	JPN	5:40.95	JUDY WILSON	GBR	200 M.	BRST	
1:21.32	JAN JEFFREY	AUS	100 M.	I.M.		5:43.88	PATTY THOMPSON	CAN	3:07.03	SUSAN ROY	USA
1:22.24	CONNY BOER-BUYS	NED	1:14.82	KRISSY MACCURDY	USA	5:46.44	PAULINE COOKE	GBR	3:07.61	GINGER PIERSON	USA
1:22.56	GERRI WILLMS	CAN	1:15.13	DANIELLE OGIER	USA	800 M.	FREE		3:09.15	CAROLYN BOAK	USA
200 M.	BACK		1:15.75	C.STONESIFER	USA	11:02.26	SANDRA O'NEILL	GBR	3:12.38	ALLISON PAYNE	CAN
2:36.16	PATRICIA FLETCHER	CAN	1:16.72	CONSOELO GRATER	GER	11:15.49	KRISTINA KING	USA	3:15.99	VLASTA OEHL	GER
2:38.22	MARY ANN STEVENS	USA	1:17.32	DEBORAH WALKER	USA	11:26.39	KATHY HYDE	NZL	3:21.89	HELEN JENKINS	GBR
2:48.71	JAN PESAVENTO	USA	1:17.50	SUSAN HARBOTTLE	AUS	11:27.81	ANN LYTTLE	USA	3:22.96	KATHRINE CASEY	USA
2:50.36	KARLENE WISE	USA	1:17.64	CATHY MERRITT	CAN	11:44.72	JUDY WILSON	GBR	3:23.31	PATRICIA JACKSON	GBR
2:58.69	JENNY MURRAY	AUS	1:17.88	JAN PESAVENTO	USA	11:45.99	ANN SVANSON	USA	3:23.38	MARIJKE ALDERSON	AUS
2:59.60	N.MIKHAYLOVA	RUS	1:17.91	BARBARA DUNBAR	USA	11:58.38	PAULINE COOKE	GBR	3:24.39	RENATE LUITJENS	GER
3:01.93	ROSE SALTMAN	AUS	1:18.79	B.STATKEVICIENE	LIT	11:59.70	N.MIKHAYLOVA	RUS	50 M.	FLY	
3:02.78	MARGARET WILBY	AUS	200 M.	I.M.		12:10.60	PATTY THOMPSON	CAN	33.62	JUDY WILSON	GBR
3:03.77	CANDY KANE	USA	2:40.58	DANIELLE OGIER	USA	1500 M.	FREE		33.71	SHARON WISE	USA
3:03.79	WALTRAUD BILKER	GER	2:40.68	MARY ANN STEVENS	USA	21:16.14	F.WILLIAMSON	USA	34.62	LUCY JOHNSON	USA
50 M.	BRST		2:41.56	PATRICIA FLETCHER	CAN	21:27.36	KRISTINA KING	USA	35.00	JUDY REED	USA
37.66	SUSAN HARBOTTLE	AUS	2:46.19	BARBARA DUNBAR	USA	21:42.91	KATHY HYDE	NZL	35.29	SUSANA CAMPIGLI	ESP
37.85	BEA POOL	NED	2:47.44	JAN PESAVENTO	USA	22:38.69	ANN SVANSON	USA	35.57	KATHY HYDE	NZL
38.09	GILLIAN CACKETT	GBR	2:48.50	CATHY MERRITT	CAN	22:49.89	PATTY THOMPSON	CAN	35.78	RACHEL MAYRICK	GBR
38.78	CATHY MERRITT	CAN	2:50.53	SUSAN HARBOTTLE	AUS	23:45.32	VICKI BUCCINO	USA	35.97	SANDI ROUSSEAU	USA
38.89	CHRISTIANE HEEREN	GER	2:50.93	DENISE EVERITT	USA	23:53.64	KAY TURNER	USA	36.19	BRIGITTE MERTEN	GER
39.00	REGULA STEIGER	SUI	2:51.00	B.STATKEVICIENE	LIT	24:20.83	NANCY SMITH	AUS	36.55	CAROL BROWN	GBR
39.08	CONSOELO GRATER	GER	2:56.33	LESLEY GOUGH	AUS	24:21.83	KATHY CONTE	USA	100 M.	FLY	
39.18	KRISSY MACCURDY	USA	400 M.	I.M.		24:26.11	ROBYN BELL	NZL	1:16.44	JUDY WILSON	GBR
39.49	BRIGITTE KUHL	GER	5:44.93	DANIELLE OGIER	USA	50 M.	BACK		1:18.59	KATHY HYDE	NZL
39.70	CHRISTINE ELSNER	GER	6:00.41	GILLIAN CACKETT	GBR	35.30	RACHEL MAYRICK	GBR	1:22.94	LUCY JOHNSON	USA
									1:24.78	GAYNOR CORLIS	AUS



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27:12.53	F.MCKILLIGAN	CAN	100 M.	FLY	1:28.79	JOAN PARNELL	CAN	46.77	MYRNA TAYLOR	GBR
27:22.71	N NAMIKI	JPN	1:26.31	YOSHIKO OSAKI	JPN	200 M.	FREE	46.85	ANN PISCIOTTA	USA
50 M.	BACK		1:28.34	BETSY JORDAN	USA	2:39.92	LAVELLE STOINOFF	USA	47.11	L.MOTSCHIEDLER
38.16	BETSY JORDAN	USA	1:35.00	GABRIELLA TUCCI	ITA	2:56.34	ROXANNE MOTTER	USA	47.17	JUDIE OLIVER
38.90	PAM HUTCHINGS	AUS	1:35.27	HISAKO SATO	JPN	3:03.23	DENA MANN	USA	47.21	CAROL FERGUSON
39.07	YOSHIKO OSAKI	JPN	1:39.00	ANNE MCGUIRE	USA	3:05.69	JUDIE OLIVER	CAN	47.53	LILLY KRON
40.60	KEIKO YAMADA	JPN	1:39.26	SEIKO YAMAZAKI	JPN	3:11.26	JOAN PARNELL	CAN	47.57	LILLIAN BORGE
41.22	MAE WALDIE	CAN	1:40.93	NORMA POWELL	CAN	3:11.64	ANN PISCIOTTA	USA	47.77	CAROL TAYLOR
41.36	ALICE KINNAIRD	AUS	1:41.61	LIS GLASDAM	DEN	3:12.62	KEIKO FUJIMOTO	JPN	48.00	K.TISHKOVA
41.79	HELGA NEUBER	GER	1:42.06	SUSAN LIVINGSTON	USA	3:13.11	ELIANE PELLIS	BEL	100 M.	BRST
41.96	BRENDA WALKER	GBR	1:42.59	G.LEINWEBER	GER	3:20.39	ELSA METZGER	GER	1:39.42	JUDIE OLIVER
42.49	INGRID LANGE	GER	200 M.	FLY		3:20.42	MALCHIA OLSHAN	USA	1:40.62	LILLIAN BORGE
43.13	MARGA SCHULZE	GER	3:32.33	BETSY JORDAN	USA	400 M.	FREE	1:41.46	ANN PISCIOTTA	USA
100 M.	BACK		3:33.78	ANNE MCGUIRE	USA	5:38.06	LAVELLE STOINOFF	USA	1:43.49	SYLVIA EISELE
1:24.70	BETSY JORDAN	USA	3:57.22	RONNIE KAMPHAUSEN	USA	5:56.20	JANE ASHER	GBR	1:44.96	LILLY KRON
1:26.60	PAM HUTCHINGS	AUS	4:02.32	MASUNO MASUDA	JPN	6:23.10	JUDIE OLIVER	CAN	1:45.00	L.MOTSCHIEDLER
1:32.96	MARGA SCHULZE	GER	4:07.80	TOSHIKO SHIMOKAWA	JPN	6:34.66	JOAN PARNELL	CAN	1:46.52	CAROL FERGUSON
1:33.16	BRENDA WALKER	GBR	4:16.65	SABINA CARR	GBR	6:44.33	ANN PISCIOTTA	USA	1:47.00	ELSA METZGER
1:33.20	ANN CHAMP	USA	4:21.08	TOMOKO UESUGI	JPN	6:48.01	ELIANE PELLIS	BEL	1:49.07	B.MOLLER JENSEN
1:33.39	ALICE KINNAIRD	AUS	4:26.73	MARY CLARE HANS	USA	6:52.85	GRETHE BENDTSEN	DEN	1:49.30	GRETHE BENDTSEN
1:33.39	INGRID LANGE	GER	4:38.26	MARIANNE BROGAN	USA	6:53.15	MALCHIA OLSHAN	USA	200 M.	BRST
1:34.05	MAE WALDIE	CAN	4:39.94	KAYO OKADA	JPN	6:53.87	MARY ANN STONE	USA	3:30.43	JUDIE OLIVER
1:35.19	U.MEYER-TONDORF	GER	100 M.	I.M.		6:54.90	KEIKO FUJIMOTO	JPN	3:36.20	ANN PISCIOTTA
1:36.01	JETLJE VAN BERGEN	NED	1:22.29	YOSHIKO OSAKI	JPN	800 M.	FREE	3:36.73	LILLY KRON	USA
200 M.	BACK		1:27.27	BETSY JORDAN	USA	11:30.55	LAVELLE STOINOFF	USA	3:47.19	SYLVIA EISELE
3:03.59	BETSY JORDAN	USA	1:28.80	KEIKO YAMADA	JPN	12:29.23	JANE ASHER	GBR	3:49.94	ELSA METZGER
3:09.58	PAM HUTCHINGS	AUS	1:31.66	MARGA SCHULZE	GER	13:38.30	JOAN PARNELL	CAN	3:51.09	CAROL FERGUSON
3:19.67	BRENDA WALKER	GBR	1:33.29	HELGA REICH	GER	13:38.88	GRETHE BENDTSEN	DEN	4:04.61	B.MOLLER JENSEN
3:20.17	ANN CHAMP	USA	1:33.49	JUTTA SEIDEL	GER	14:05.82	MALCHIA OLSHAN	USA	4:05.64	CONCEPCION MISA
3:22.82	ALICE KINNAIRD	AUS	1:34.09	BEVERLY MYERS	USA	14:26.22	SADAKO KAMIYA	JPN	4:06.56	CAROL TAYLOR
3:23.75	RONI KAMPHAUSEN	USA	1:34.09	GUDRUN PLANERT	GER	14:53.47	KEIKO FUJIMOTO	JPN	4:07.33	BARBARA MORTON
3:28.92	JETLJE VAN BERGEN	NED	1:34.30	JETLJE VAN BERGEN	NED	14:54.17	THELMA BRYAN	AUS	50 M.	FLY
3:31.36	MAE WALDIE	CAN	1:34.48	LIS GLASDAM	DEN	15:00.65	SHELIA NAIMAN	CAN	39.03	JANE ASHER
3:32.21	K.NAYDYENOVA	RUS	200 M.	I.M.		15:00.71	NANCY DURSTEIN	USA	40.68	ROXANNE MOTTER
3:35.51	CAROL MACPHERSON	USA	2:57.53	YOSHIKO OSAKI	JPN	1500 M.	FREE	40.85	JUDIE OLIVER	CAN
50 M.	BRST		3:13.03	BETSY JORDAN	USA	25:43.89	JOAN PARNELL	CAN	43.39	BARBARA CALLISON
44.29	KEIKO YAMADA	JPN	3:22.31	SUSAN BRADLEY-COX	USA	26:08.91	MALCHIA OLSHAN	USA	45.51	NANCY MACBETH
44.53	TAYO FUJIEDA	JPN	3:24.09	RONI KAMPHAUSEN	USA	26:22.57	GRETHE BENDTSEN	DEN	46.51	HIROKO KATANO
44.59	G.LEINWEBER	GER	3:28.70	JETLJE VAN BERGEN	NED	26:24.48	MARGARET TIMMINS	USA	47.58	ANN PISCIOTTA
44.64	LIS GLASDAM	DEN	3:28.86	BRENDA WALKER	GBR	27:40.06	MARIA YUNGEL	USA	47.73	KEIKO NAWADA
45.29	ANNEMARIE LUDICKE	GER	3:29.48	LIS GLASDAM	DEN	28:15.42	SHELIA NAIMAN	CAN	48.88	PATRICIA BERGE
45.29	KATHARINA HASSE	GER	3:29.84	SUSAN LIVINGSTON	USA	28:20.62	AGNES PORASZ	CAN	49.59	MYRNA TAYLOR
45.30	GABRIELLA TUCCI	ITA	3:30.85	ANNE MCGUIRE	USA	28:31.71	KEIKO FUJIMOTO	JPN	100 M.	FLY
45.39	MARGA SCHULZE	GER	3:31.48	MASUNO MASUDA	JPN	28:44.01	VAL GREEN	AUS	1:30.25	JUDIE OLIVER
45.39	JUTTA DIETH	GER	400 M.	I.M.		28:49.85	RUTH AARON	USA	1:44.46	BARBARA CALLISON
45.47	JETLJE VAN BERGEN	NED	6:57.33	BETSY JORDAN	USA	50 M.	BACK	1:46.60	ANN PISCIOTTA	USA
100 M.	BRST		7:17.80	RONNIE KAMPHAUSEN	USA	41.40	GRETHE BENDTSEN	DEN	1:47.44	NANCY MACBETH
1:36.31	KEIKO YAMADA	JPN	7:18.36	ANNE MCGUIRE	USA	41.77	ROXANNE MOTTER	USA	1:51.66	ELSA METZGER
1:37.14	TAYO FUJIEDA	JPN	7:50.76	FELICITY HAGUE	GBR	42.77	JANE ASHER	GBR	1:54.02	VAL GREEN
1:37.15	LIS GLASDAM	DEN	8:07.13	BARBARA BROOKS	AUS	43.39	JOAN PARNELL	CAN	1:54.58	KIMIKO OOKA
1:37.80	GABRIELLA TUCCI	ITA	8:09.21	TOSHIKO KATO	JPN	43.43	KIMIKO OOKA	JPN	1:55.72	HIROKO KATANO
1:38.75	MARGIT JEBE	USA	8:26.59	JANET MOELLER	USA	43.78	K.NAYDYENOVA	RUS	1:56.01	DONNA EDELBAUM
1:38.79	ANNEMARIE LUDICKE	GER	8:28.22	SABINA CARR	GBR	45.08	MARGARET TIMMINS	USA	1:56.51	BETTY ROSE
1:38.80	SHOKO YONEZAWA	JPN	8:37.39	MARIANNE BROGAN	USA	45.11	JUDIE OLIVER	CAN	200 M.	FLY
1:38.99	GISELA SCHEFFLER	GER	8:39.96	BARBARA HART	AUS	45.27	SUMIKO TSUNODA	JPN	3:27.06	JUDIE OLIVER
1:39.44	JETLJE VAN BERGEN	NED				45.60	KAZUKO KATASAWA	JPN	3:50.14	ANN PISCIOTTA
1:40.17	ANNE MCGUIRE	USA	*****	*****		100 M.	BACK	4:05.04	LILLY KRON	USA
200 M.	BRST		*****	*****		1:31.50	GRETHE BENDTSEN	DEN	4:13.56	VAL GREEN
3:29.00	TAYO FUJIEDA	JPN	*****	*****		1:34.10	ROXANNE MOTTER	USA	4:17.33	MALCHIA OLSHAN
3:31.69	ANNEMARIE LUDICKE	GER	50 M.	FREE		1:34.69	KIMIKO OOKA	JPN	4:21.57	BARBARA OWENS
3:33.12	ANNE MCGUIRE	USA	34.19	JANE ASHER	GBR	1:35.37	JUDIE OLIVER	CAN	4:22.37	NANCY DURSTEIN
3:33.51	LIS GLASDAM	DEN	34.87	MARGARET TIMMINS	USA	1:36.14	K.NAYDYENOVA	RUS	4:22.38	DONNA MONROE
3:38.30	JETLJE VAN BERGEN	NED	35.17	ROXANNE MOTTER	USA	1:37.54	JOAN PARNELL	CAN	4:34.87	CHIYO FUKUSHIMA
3:41.79	ALICE JONES	USA	35.40	LAVELLE STOINOFF	USA	1:39.25	DENA MANN	USA	4:35.74	RUTH HOSKINSON
3:42.00	GRETHE LIND	DEN	36.92	ELIANE PELLIS	BEL	1:41.89	SUMIKO TSUNODA	JPN	100 M.	I.M.
3:42.09	GISELA SCHEFFLER	GER	37.30	GRETHE BENDTSEN	DEN	1:42.85	DOROTHY BOLTON	GBR	1:30.79	JANE ASHER
3:42.49	URSULA FROHLICH	GER	38.04	JOAN PARNELL	CAN	1:42.93	ELSA METZGER	GER	1:32.91	JUDIE OLIVER
3:42.87	HIROKO OTANI	JPN	38.11	JUDIE OLIVER	CAN	200 M.	BACK	1:33.68	ROXANNE MOTTER	USA
50 M.	FLY		38.19	BARBARA CALLISON	USA	3:23.02	JUDIE OLIVER	CAN	1:34.15	ELIANE PELLIS
37.72	YOSHIKO OSAKI	JPN	38.21	KEIKO FUJIMOTO	JPN	3:23.53	ROXANNE MOTTER	USA	1:37.04	GRETHE BENDTSEN
38.72	HISAKO SATO	JPN	100 M.	FREE		3:30.52	K.NAYDYENOVA	RUS	1:37.36	ANN PISCIOTTA
39.21	K.TATSUKOSHI	JPN	1:15.76	JANE ASHER	GBR	3:37.52	VAL GREEN	AUS	1:38.27	BARBARA CALLISON
39.27	BETSY JORDAN	USA	1:16.63	LAVELLE STOINOFF	USA	3:40.65	DOROTHY BOLTON	GBR	1:38.31	NANCY MACBETH
39.72	NORMA POWELL	CAN	1:17.85	ROXANNE MOTTER	USA	3:41.20	SYLVIA EISELE	CAN	1:41.52	JOAN PARNELL
40.53	YOSHIKO MATSUI	JPN	1:20.99	MARGARET TIMMINS	USA	3:46.55	JOAN PARNELL	CAN	1:42.71	CONCEPCION MISA
40.54	RONI KAMPHAUSEN	USA	1:24.12	DENA MANN	USA	3:48.96	MARY JANE MULLINS	USA	200 M.	I.M.
41.59	HELGA REICH	GER	1:24.36	GRETHE BENDTSEN	DEN	3:49.21	KEIKO FUJIMOTO	JPN	3:16.93	JUDIE OLIVER
41.71	SAEMI TAKAOKA	JPN	1:24.41	JUDIE OLIVER	CAN	3:49.43	BARBARA MORTON	GBR	3:30.96	ANN PISCIOTTA
42.40	V.POZHYAK	RUS	1:27.30	MARY ANN STONE	USA	50 M.	BRST	3:36.64	BARBARA CALLISON	USA
42.40	GABRIELLA TUCCI	ITA	1:28.26	KEIKO FUJIMOTO	JPN	45.69	SYLVIA EISELE	CAN	3:37.22	GRETHE BENDTSEN



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

Table listing swimmers, countries, and times for various events. Includes categories like 'WOMEN 65-69' and 'WOMEN 70-74'. Swimmers listed include Nancy Macbeth, Florence Carr, Betty Russ, etc.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

49.15	MAUD POVEY	GBR	4:47.27	JEAN BEERS	USA	50	M. BACK	2:31.80	JEAN DURSTON	USA
50.57	SHIZUE TOYAMA	JPN	4:52.96	KIYOMI KITAMURA	JPN	50.09	WILLY VAN RYSEL	2:53.99	MARY WENTWORTH	USA
51.24	BETTY CHRISTIAN	USA	4:53.96	NORMA RUDOLPH	AUS	51.55	SUMIKO KOIZUMI	3:18.80	HILDA BUEL	USA
51.30	REGAN KENNER	USA	5:11.60	YVONNE HODGES	GBR	52.13	ANNE WALKER	3:42.18	HELENA HOFFMAN	USA
52.89	INGEBORG FRITZE	GER	400 M. I.M.			55.29	CHARLOTTE THIEL	3:49.87	PHYLLIS HALL	AUS
54.89	MARION DUTTON	AUS	9:02.42	DIANA SILVA	USA	56.62	Y FRISCHHERTZ	200 M. FLY		
54.99	EVA RAUNER	GER	9:10.29	JAE HOWELL	USA	57.35	LOUISE DONOVAN	5:22.24	KAY SCHIMPF	USA
55.29	HILDEGARD MESSING	GER	9:32.95	JANE DOUGHERTY	USA	57.75	INGER ANDERSEN	6:13.71	PAT MATTHIESEN	USA
55.39	GERTRUD MEERWALD	GER	9:37.65	BETTY STERN	AUS	58.28	GERTRUD ZINT	7:54.47	HELENA HOFFMAN	USA
55.39	HETI ZIEGLER	GER	9:55.01	JUNE REYNOLDS	USA	58.89	EDNA FARRELL	8:37.86	PHYLLIS HALL	AUS
100 M. BRST			10:03.65	NORMA RUDOLPH	AUS	59.39	URSULA OEHMKE	100 M. I.M.		
1:52.44	REGAN KENNER	USA	10:28.63	M.CHIPPERFIELD	AUS	100 M. BACK		1:58.06	GERTRUD ZINT	USA
1:53.62	BETTY CHRISTIAN	USA	11:43.33	ROSEMARY KARIKER	USA	1:53.69	ANNE WALKER	2:10.40	KAY SCHIMPF	USA
1:54.91	SHIZUE TOYAMA	JPN	13:11.67	HILDA BUEL	USA	1:54.62	WILLY VAN RYSEL	2:15.13	ANNE WALKER	USA
1:56.66	IRENE ATHANS	CAN				1:57.41	SUMIKO KOIZUMI	2:15.26	WILLY VAN RYSEL	GBR
1:57.87	DOROTHY WILLIAMS	GBR	*****			2:01.01	MARIE WICKLUN	2:16.60	SALLY JOY	USA
1:58.30	MAUD POVEY	GBR	*****	WOMEN 75-79		2:01.52	Y FRISCHHERTZ	2:17.36	EDITH HEWITT	GBR
1:59.03	HILDEGARD MESSING	GER	*****			2:09.62	FUSAKO TOMINARI	2:17.41	Y FRISCHHERTZ	USA
1:59.09	INGEBORG FRITZE	GER	50 M. FREE			2:10.87	INGER ANDERSEN	2:20.87	EDNA FARRELL	NZL
2:00.69	EVA RAUNER	GER	42.50	LOUISE DONOVAN	USA	2:10.90	GERTRUD ZINT	2:27.32	INGER ANDERSEN	DEN
2:01.99	PATSY WEISS	USA	44.70	HATSUHO SUGAYA	JPN	2:14.69	KAY SCHIMPF	2:27.73	NANCY CLARK	USA
200 M. BRST			44.99	URSULA OEHMKE	GER	2:18.64	SALLY JOY	200 M. I.M.		
4:05.63	BETTY CHRISTIAN	USA	47.63	SUMIKO KOIZUMI	JPN	200 M. BACK		4:27.25	GERTRUD ZINT	USA
4:05.74	REGAN KENNER	USA	47.85	EDNA FARRELL	NZL	4:06.23	ANNE WALKER	4:47.43	KAY SCHIMPF	USA
4:09.16	DOROTHY WILLIAMS	GBR	48.06	ANNE WALKER	USA	4:11.84	Y FRISCHHERTZ	5:08.03	JEAN DURSTON	USA
4:17.53	IRENE ATHANS	CAN	48.23	AUD ROMER	NOR	4:16.74	MARIE WICKLUN	5:37.75	SALLY JOY	USA
4:25.64	HISAKO KIMOTO	JPN	48.70	GERTRUD ZINT	USA	4:18.18	WILLY VAN RYSEL	5:49.68	RUTH WUNDERLICH	USA
4:30.09	JAE HOWELL	USA	49.29	CHARLOTTE THIEL	GER	4:21.40	SUMIKO KOIZUMI	6:38.17	HELENA HOFFMAN	USA
4:30.39	MARION DUTTON	AUS	49.87	EDITH HEWITT	GBR	4:41.99	KAY SCHIMPF	6:42.01	NANCY RITTON	AUS
4:38.20	EMILY WATSON	AUS	100 M. FREE			4:55.66	SALLY JOY	7:04.37	FRANCES BELL	USA
4:46.31	JEAN BEERS	USA	1:38.34	RITA SIMONTON	USA	5:07.23	MARY LATHRAM	400 M. I.M.		
4:50.55	JUNE REYNOLDS	USA	1:38.85	LOUISE DONOVAN	USA	5:12.43	SALLY QUAIL	9:41.36	GERTRUD ZINT	USA
50 M. FLY			1:47.38	ANNE WALKER	USA	5:17.02	BETTY GRANT	10:04.81	KAY SCHIMPF	USA
48.74	CATHERINE KERR	CAN	1:47.93	GERTRUD ZINT	USA	50 M. BRST		12:10.66	RUTH WUNDERLICH	USA
54.26	DIANA SILVA	USA	1:48.79	NANCY CLARK	USA	53.94	GERTRUD ZINT	13:11.67	HILDA BUEL	USA
55.09	BERYL GRACE	AUS	1:52.39	Y FRISCHHERTZ	USA	59.69	CHARLOTTE THIEL	14:02.90	HELENA HOFFMAN	USA
55.29	GERTRUD MEERWALD	GER	1:54.27	BETTY GRANT	AUS	1:01.94	SALLY JOY			
58.69	PAT GALLAGHER	CAN	1:55.28	KAY SCHIMPF	USA	1:02.29	GRETE HARNISCH	*****		
59.12	HISAKO KIMOTO	JPN	1:55.81	MARGARET NAGLE	USA	1:04.70	EDITH HEWITT	*****	WOMEN 80-84	
59.58	HIDEKO MORI	JPN	1:55.81	MARIE WICKLUN	USA	1:05.16	KAY SCHIMPF	*****		
59.94	JAE HOWELL	USA	200 M. FREE			1:05.19	C.SPINDELNDREHER	50 M. FREE		
1:00.23	SYLVIA HILL	USA	3:33.90	RITA SIMONTON	USA	1:06.29	GISELA REINSCH	55.26	MYRTLE WRIGHT	AUS
1:00.83	JUNE REYNOLDS	USA	3:44.95	LOUISE DONOVAN	USA	1:07.42	INGER ANDERSEN	58.21	HIROKO SAITO	JPN
100 M. FLY			4:02.93	Y FRISCHHERTZ	USA	1:08.37	HARUKO NIIMURA	58.79	EMMI PAULI	GER
2:07.00	DIANA SILVA	USA	4:08.55	KAY SCHIMPF	USA	100 M. BRST		1:06.06	EDITH HENDRY	USA
2:13.05	JAE HOWELL	USA	4:09.82	MARIE WICKLUN	USA	2:02.29	GERTRUD ZINT	1:06.47	HELMI MEISE	USA
2:14.89	JUNE REYNOLDS	USA	4:10.27	WILLY VAN RYSEL	GBR	2:10.94	FUSAKO TOMINARI	1:08.16	MADELEINE MILLER	USA
2:17.94	IRENE SANDAHL	USA	4:13.21	NANCY CLARK	USA	2:16.83	KAY SCHIMPF	1:08.90	RINA DAVOGLIO	ITA
2:25.22	KIYOMI KITAMURA	JPN	4:15.13	ANNE WALKER	USA	2:22.28	SALLY JOY	1:10.97	GRACE HACKETT	AUS
2:34.48	EILEEN PRICE	AUS	4:18.56	SADAKO WAKAMORI	JPN	2:23.94	EDITH HEWITT	1:11.09	M.GOTTSCHALK	GER
2:37.17	NORMA RUDOLPH	AUS	4:20.16	BETTY GRANT	AUS	2:26.80	HARUKO NIIMURA	1:11.39	DOROTHEA BLASSNIG	GER
2:38.99	ROSEMARY KARIKER	USA	400 M. FREE			2:28.09	GISELA REINSCH	100 M. FREE		
2:41.00	BETTY STERN	AUS	7:23.29	RITA SIMONTON	USA	2:31.57	INGER ANDERSEN	2:02.41	MAXINE MERLINO	USA
2:42.54	ZADA TAFT	USA	7:47.94	LOUISE DONOVAN	USA	2:39.80	HELEN ROUMASSET	2:32.18	MADELEINE MILLER	USA
200 M. FLY			8:24.60	EDNA LAFLIN	USA	2:40.28	JEAN DURSTON	2:33.60	RINA DAVOGLIO	ITA
4:47.58	JAE HOWELL	USA	8:33.49	KAY SCHIMPF	USA	200 M. BRST		2:46.29	EDITH HENDRY	USA
4:51.66	JUNE REYNOLDS	USA	8:41.84	Y FRISCHHERTZ	USA	4:32.71	GERTRUD ZINT	2:52.71	VERA GUILD	AUS
5:15.26	FUMI MURATA	JPN	8:59.65	WILLY VAN RYSEL	GBR	4:39.95	RITA SIMONTON	2:59.71	GRACE HACKETT	AUS
5:25.57	EILEEN PRICE	AUS	8:59.74	MARIE WICKLUN	USA	4:53.66	KAY SCHIMPF	3:02.93	AYAKO TAKADA	JPN
5:43.42	NORMA RUDOLPH	AUS	9:03.34	GERTRUD ZINT	USA	5:04.98	HARUKO NIIMURA	3:48.01	JOAN GORE	AUS
5:52.19	BETTY STERN	AUS	9:08.86	FRANCES MCWHIRTER	CAN	5:08.01	SALLY JOY	200 M. FREE		
5:54.14	ROSEMARY KARIKER	USA	9:25.74	BETTY GRANT	AUS	5:22.82	EDITH HEWITT	4:32.37	MAXINE MERLINO	USA
100 M. I.M.			800 M. FREE			5:23.87	INGER ANDERSEN	5:54.81	SALLY RYCKMAN	USA
1:50.77	MARION DUTTON	AUS	15:28.60	RITA SIMONTON	USA	5:50.36	HELEN ROUMASSET	6:32.10	AYAKO TAKADA	JPN
1:52.07	MARGERY MEYER	USA	18:00.63	WILLY VAN RYSEL	GBR	5:51.53	LILLO BRYCE	6:41.74	GRACE HACKETT	AUS
1:54.00	PATSY WEISS	USA	18:25.66	KAY SCHIMPF	USA	6:00.79	HILDA BUEL	7:32.40	JOAN GORE	AUS
1:56.89	EVA RAUNER	GER	18:40.65	JEAN DURSTON	USA	50 M. FLY		400 M. FREE		
1:58.57	HISAKO KIMOTO	JPN	18:53.56	BETTY GRANT	AUS	56.53	GERTRUD ZINT	12:12.96	MARION MUELLER	USA
1:59.69	DIANA SILVA	USA	19:31.09	EDNA LAFLIN	USA	1:00.68	KAY SCHIMPF	12:48.00	SALLY RYCKMAN	USA
2:00.80	GERTRUD MEERWALD	GER	21:57.85	NANCY RITTON	AUS	1:03.89	URSULA OEHMKE	13:02.14	JOAN GORE	AUS
2:01.62	OLGA JOHNSON	NZL	21:58.02	MARY LATHRAM	USA	1:06.60	SALLY JOY	13:37.35	AYAKO TAKADA	JPN
2:02.99	JAE HOWELL	USA	22:16.47	RUTH WUNDERLICH	USA	1:09.11	JEAN DURSTON	13:45.41	GRACE HACKETT	AUS
2:04.07	NANCY PHILLIPS	USA	22:26.15	MASAKO MATSUNO	JPN	1:09.28	SADAKO WAKAMORI	15:44.43	GERALDINE TURNER	USA
200 M. I.M.			1500 M. FREE			1:11.96	EDITH HEWITT	800 M. FREE		
4:09.13	DOROTHY DONNELLY	USA	29:30.20	RITA SIMONTON	USA	1:16.01	PAT MATTHIESEN	28:22.45	GRACE HACKETT	AUS
4:28.34	JAE HOWELL	USA	34:39.75	KAY SCHIMPF	USA	1:18.97	INGER ANDERSEN	28:27.18	JOAN GORE	AUS
4:30.60	FUMI MURATA	JPN	37:43.55	EDNA LAFLIN	USA	1:19.50	MARY WENTWORTH	1500 M. FREE		
4:33.77	JUNE REYNOLDS	USA	38:55.54	BETTY GRANT	AUS	100 M. FLY		57:04.96	JOAN GORE	AUS
4:34.08	H. HUGGINS	USA	42:27.84	RUTH WUNDERLICH	USA	2:18.50	GERTRUD ZINT	59:33.40	GRACE HACKETT	AUS
4:38.39	BERYL GRACE	AUS	43:02.83	GENEVA KAHR	USA	2:27.15	KAY SCHIMPF	50 M. BACK		



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

Table with 4 columns: Rank, Name, Country, Time. Lists top 10 swimmers for various age groups and genders in 1993. Includes categories like BRST, WOMEN 90-94, WOMEN 95-99, WOMEN 100-104, M E N 25-29, WOMEN 85-89, and M E N 30-34.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

23.62	JOHN SMITH	USA	1:01.80	MARCO COLOMBO	ITA	2:23.80	DALE BARKER	GBR	4:39.18	STEVE PRESCOTT	NZL
23.75	V.MAKARYCHEV	RUS	1:01.83	TIM MCMANUS	CAN	2:25.27	GARY WELTZIN	CAN	4:39.49	THEO BURGER	GER
23.88	MARCO COLOMBO	ITA	1:02.39	MOTOMU SUZUKI	JPN	2:27.70	NICHOLAS PARKES	GBR	4:40.51	OTTO ZEIJPVELD	NED
24.18	JOHN BLACK	USA	1:02.54	H.YAMASHITA	JPN	2:27.72	PETER WILLIAMSON	AUS	4:41.13	DARRELL RUCKER	USA
24.24	ROWDY GAINES	JPN	1:02.91	ANDREW SMALL	GBR	100 M. I.M.			4:41.19	IAIN GERRARD	GBR
24.37	ANDRE MICHAUD	CAN	1:03.16	CHRIS ENGELKE	CAN	1:01.06	FRANK VIJVER	NED	800 M. FREE		
24.39	HARTMUT TURK	GER	200 M. BACK		1:01.10	MARCO COLOMBO	ITA	8:58.83	WILLIAM SPECHT	USA	
24.41	BOBBY PATTEN	USA	2:04.63	JAY YARID	USA	1:02.05	DAVID RUSSELL	AUS	9:23.28	ROB COPELAND	USA
24.45	CLAY BRITT	USA	2:15.26	EDWIN VAN NORDEN	NED	1:02.50	PAOLO FELOTTI	ITA	9:32.67	LARRY WOOD	USA
100 M. FREE			2:16.18	TIM MCMANUS	CAN	1:02.65	ALAN VOISARD	USA	9:41.49	JOHN ZELL	USA
52.99	ROWDY GAINES	JPN	2:16.72	H.YAMASHITA	JPN	1:02.65	CHRISTOPHER SHAW	USA	9:42.22	STEVE PRESCOTT	NZL
53.56	CRAIG NORREY	GBR	2:18.45	CAMERON REID	USA	1:02.69	ANDRE GAVAZA	GER	9:43.12	WILLIAM REEVES	USA
53.60	MARCO COLOMBO	ITA	2:18.60	PAOLO FELOTTI	ITA	1:02.89	DAVID BRYANT	GBR	9:48.49	DANIEL PICK	USA
53.62	JOHN BLACK	USA	2:19.16	CHRIS FRENCH	GBR	1:02.99	JURGEN SIEGWARTH	GER	9:56.62	ROBERT WRIGHT	USA
53.70	EDWIN VAN NORDEN	NED	2:19.80	ANDREW SMALL	GBR	1:03.10	S.MOLODIN	RUS	9:57.95	RICHARD WIENECKE	USA
53.70	HARTMUT TURK	GER	2:20.40	JURGEN SIEGWARTH	GER	200 M. I.M.			9:58.41	DARRELL RUCKER	USA
54.19	KAI DITZEL	GER	2:20.50	INGO HALBRITTER	GER	2:09.16	FRANK VIJVER	NED	1500 M. FREE		
54.65	FRED KETTING	NED	50 M. BRST		2:10.77	EDWIN VAN NORDEN	NED	17:55.28	LARRY WOOD	USA	
54.71	DAN OLE JOHANSEN	DEN	29.62	GREG RHODENBAUGH	USA	2:17.27	DAVID BRYANT	GBR	18:10.54	STEVE PRESCOTT	NZL
54.74	ALAN VOISARD	USA	29.73	DAVID GUTHRIE	USA	2:18.30	JURGEN SIEGWARTH	GER	18:27.48	DARRELL RUCKER	USA
200 M. FREE			30.61	DAVID BRYANT	GBR	2:18.62	GARETH PARKER	GBR	18:52.67	JOHN CAMPBELL	GBR
1:57.75	ROWDY GAINES	JPN	30.72	JIM HOBSLEY	GBR	2:21.43	TIM MCMANUS	CAN	19:05.12	IAIN GERRARD	GBR
1:58.85	EDWIN VAN NORDEN	NED	30.98	SERGE SCORE	CAN	2:21.86	ANDRE MICHAUD	CAN	19:15.56	CHRIS NOLTE	USA
2:00.12	CRIS WILLIAMS	USA	31.29	CHRIS SHAW	USA	2:22.11	AL JAEGER	USA	19:19.49	DAVID KING	AUS
2:00.53	BRUCE HAYES	USA	31.50	V.DEMENTIEV	RUS	2:22.65	OLIVIER DELFOSSE	BEL	19:22.79	OTTO ZEIJPVELD	NED
2:00.80	MARTYN PRICE	GBR	31.59	JURGEN KORZEN	GER	2:23.54	CRIS WILLIAMS	USA	19:24.50	FRED MUNSON	USA
2:01.30	JURGEN SIEGWARTH	GER	31.63	BEN DOYLE	USA	400 M. I.M.			19:27.49	VOLKER SCHAARDT	GER
2:01.39	CHRIS FRENCH	GBR	31.71	DUNCAN BEVERIDGE	GBR	4:48.14	EDWIN VAN NORDEN	NED	50 M. BACK		
2:02.79	ALAN VOISARD	USA	100 M. BRST		4:50.66	BRUCE HAYES	USA	27.54	WILLIAM SPECHT	USA	
2:03.28	JOHN BLACK	USA	1:04.33	DAVID GUTHRIE	USA	4:55.82	DAVID BRYANT	GBR	29.60	S.LIPSKIY	RUS
2:03.40	HARTMUT TURK	GER	1:07.46	SERGE SCORE	CAN	4:56.87	CAMERON REID	USA	29.76	JAMES BALLARD	USA
400 M. FREE			1:08.14	T.PODMARYEV	RUS	5:00.70	GERRY RODRIGUES	USA	30.26	DAVID BARNES	USA
4:18.64	GERRY RODRIGUES	USA	1:08.20	DAVID BRYANT	GBR	5:05.39	THOMAS LEUPOLD	GER	30.40	A.CHRISTENSEN	GBR
4:19.05	RUSSELL FLETCHER	AUS	1:08.98	JIM HOBSLEY	GBR	5:07.89	JURGEN SIEGWARTH	GER	30.48	TREVOR CLARK	GBR
4:21.63	CRIS WILLIAMS	USA	1:09.74	BEN DOYLE	USA	5:08.11	CRIS WILLIAMS	USA	30.80	ROBERT HUGHES	GBR
4:23.02	ROB CAMERON	NZL	1:10.00	TADASHI FUJIMOTO	JPN	5:14.65	RICHARD BALE	GBR	30.83	TERRY JAYNES	USA
4:26.41	OLIVIER DELFOSSE	BEL	1:10.80	ROBERTO TARRICONE	ITA	5:20.10	G.DELLI QUANTI	ITA	30.98	SEIJI IWAMOTO	JPN
4:26.69	BERNHARD KOMPFF	GER	1:10.99	JURGEN KORZEN	GER				30.99	THEO BURGER	GER
4:27.97	CAMERON REID	USA	1:11.19	ROB BOELE	NED	*****			100 M. BACK		
4:29.29	FRANK GOMOLL	GER	1:11.19	DIRK HAIBACH	GER	M E N 35-39			1:00.65	WILLIAM SPECHT	USA
4:30.05	MONTORRE MONTE	JPN	200 M. BRST		*****				1:05.00	MATTIA FLORIT	ITA
4:31.39	ANDE RASMUSSEN	USA	2:27.57	SERGE SCORE	CAN	50 M. FREE			1:05.50	S.LIPSKIY	RUS
800 M. FREE			2:31.10	BERJAN CORNELISSE	NED	23.82	BRUCE STAHL	USA	1:06.10	GIORGIO GENNARO	ITA
9:07.32	CRIS WILLIAMS	USA	2:33.51	DAVID BRYANT	GBR	24.49	RICHARD HESS	USA	1:06.10	SEIJI IWAMOTO	JPN
9:10.92	ROB CAMERON	NZL	2:34.66	BEN DOYLE	USA	24.56	A.MORKOVSIKY	RUS	1:06.79	THEO BURGER	GER
9:13.18	LARRY LANCASTER	USA	2:35.49	T.PODMARYEV	RUS	24.56	JIM MONTGOMERY	USA	1:07.12	CHUCK GRACE	CAN
9:16.44	SERGE SCORE	CAN	2:35.85	DOUGLAS GOLDBER	GBR	24.71	KIRK KOZLOWSKI	USA	1:07.22	JOHN RIGGS	USA
9:21.00	ARNE BORGSTROM	NOR	2:38.80	G.GALANTUCCI	ITA	24.85	DAN THOMPSON	CAN	1:07.35	ROBERT HUGHES	GBR
9:22.35	MONTORRE MONTE	JPN	2:39.87	TONY TOOHER	AUS	24.86	TIM MCGINNIS	USA	1:07.63	DARRELL RUCKER	USA
9:24.76	BRUCE HAYES	USA	2:40.11	JAMES MATYSEK	USA	24.87	GLEN BELFRY	CAN	1:07.63	GLEN ANDERSON	CAN
9:26.98	OLIVIER DELFOSSE	BEL	2:40.49	THOMAS LEUPOLD	GER	24.99	PETER NOCKE	GER	200 M. BACK		
9:32.69	THOMAS LEUPOLD	GER	50 M. FLY		25.08	JOSE CUNNINGHAM	CAN	2:10.01	WILLIAM SPECHT	USA	
9:33.59	AL JAEGER	USA	25.99	BOBBY PATTEN	USA	100 M. FREE			2:14.18	BRAD COOPER	AUS
1500 M. FREE			26.03	ROBERT KILLLEN	USA	54.09	BRUCE STAHL	USA	2:24.63	CHUCK GRACE	CAN
17:23.21	SERGE SCORE	CAN	26.20	A.AYTUSHENKO	RUS	54.79	L.J. MEISENHEIMER	USA	2:27.18	DARRELL RUCKER	USA
17:24.48	ARNE BORGSTROM	NOR	26.30	ROBERTO TARRICONE	ITA	55.24	KIRK KOZLOWSKI	USA	2:27.39	JOHN ZELL	USA
17:25.00	LARRY LANCASTER	USA	26.50	MARCO COLOMBO	ITA	55.40	M.GUARDUCCI	ITA	2:27.60	PAUL FETTERS	USA
17:28.38	GERRY RODRIGUES	USA	26.57	ANDRE MICHAUD	CAN	55.46	MARK MORGAN	AUS	2:28.29	JOHN CAMPBELL	GBR
17:46.46	MONTORRE MONTE	JPN	26.74	CLAY BRITT	USA	56.20	MARK MILLER	CAN	2:28.44	STEVE KRISTEK	USA
18:02.79	THOMAS NORRENBERG	GER	26.85	DAVID EMERSON	GBR	56.25	PETER NUNAN	USA	2:28.63	TATSURO HIROMOTO	JPN
18:23.54	DON MORAVEC	USA	26.90	PAOLO FELOTTI	ITA	56.35	PHILIPPE NOEL	BEL	2:29.56	ROBERT MONK	GBR
18:26.40	R.GILYADOV	RUS	27.09	FRANK VIJVER	NED	56.41	DAN THOMPSON	CAN	50 M. BRST		
18:29.61	MARK JONES	GBR	100 M. FLY		56.43	V.BURE	RUS	30.10	GLEN CHRISTIANSEN	GER	
18:31.30	S.FESSENKO	UKR	58.52	DAVID EMERSON	GBR	200 M. FREE			31.21	YUJIRO YOSHIDA	JPN
50 M. BACK			1:00.03	BOBBY PATTEN	USA	1:59.91	L.J. MEISENHEIMER	USA	31.23	V.DEMENTIEV	RUS
27.05	JAY YARID	USA	1:00.26	CLAY BRITT	USA	2:03.17	LARRY WOOD	USA	31.57	BENN DOYLE	USA
28.18	CRAIG NORREY	GBR	1:00.70	ROBERTO TARRICONE	ITA	2:04.00	DOUGLAS SCHLAK	USA	31.88	RUSS MARSH	USA
28.20	PAOLO FELOTTI	ITA	1:00.76	ANDRE MICHAUD	CAN	2:05.03	STEPHEN NASH	GBR	31.89	GERHARD AMMER	GER
28.64	MOTOMU SUZUKI	JPN	1:01.00	DAMIANO NANETTI	ITA	2:05.10	MARCO AMIDANI	ITA	31.91	YOSHIIHIDE KAGAMI	JPN
28.99	JURGEN KORZEN	GER	1:01.30	CLAUDIO FORNASARI	ITA	2:08.20	N.SHIBAREV	RUS	31.99	NEVILLE BARTON	GBR
29.36	ALAN VOISARD	USA	1:01.70	STUART MEARES	AUS	2:08.40	ROY JACOBSON	CAN	31.99	PAUL BETTS	GBR
29.40	DANIELE CANDINI	ITA	1:01.80	FABIO BOTTAZZENI	ITA	2:09.33	ARVIDS SILIS	CAN	32.21	V.LIPETSKIY	RUS
29.41	CHRIS SHAW	USA	1:01.89	JOHN BLACK	USA	2:09.77	PAUL TAINTY	GBR	100 M. BRST		
29.45	YUJI AMITANI	JPN	200 M. FLY		2:09.92	KEN EKSTRAND	CAN	1:09.48	PAUL BETTS	GBR	
29.46	MIKE BRETT	GBR	2:11.52	DAVID EMERSON	GBR	400 M. FREE			1:10.30	YOSHIIHIDE KAGAMI	JPN
100 M. BACK			2:19.51	R.GILYADOV	RUS	4:28.13	LARRY WOOD	USA	1:10.39	T.PODMARYEV	RUS
56.83	JAY YARID	USA	2:21.10	BERNHARD KOMPFF	GER	4:30.51	L.J. MEISENHEIMER	USA	1:10.45	RON SCHAFFER	USA
59.83	CLAY BRITT	USA	2:21.61	CAMERON REID	USA	4:32.07	PAUL TAINTY	GBR	1:10.49	HIROSHI UNO	JPN
1:01.40	PAOLO FELOTTI	ITA	2:22.49	THOMAS NORRENBERG	GER	4:35.33	NED MAGGIORA	USA	1:10.87	YUJIRO YOSHIDA	JPN
1:01.52	CRAIG NORREY	GBR	2:23.19	CHRIS FRENCH	GBR	4:38.15	JOHN CAMPBELL	GBR	1:10.93	BENN DOYLE	USA



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

Table with columns for rank, name, country, time, name, country, time, name, country, time. Includes entries for Ove Wislott, Gerhard Ammer, Barry O'Brien, etc.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

4:34.74	Y.NIKOLAEV	RUS	1:14.89	WOLFGANG DIERKES	GER	5:44.65	PAUL WYATT	AUS	32.94	KOJI IWAMOTO	JPN
4:35.90	IVAN MYALL	GBR	1:18.10	DAVID APEL	GBR	5:46.50	NARIAKI TSUJI	JPN	33.34	KOJI NONAKA	JPN
4:40.40	D.UIJTENBOGAART	NED	1:18.63	ERIC THOMSON	CAN	5:46.62	TONY CATTERALL	GBR	33.67	YOSHITAKE HATAOKA	JPN
4:40.63	RALPH HUTTON	CAN	1:18.70	HOLGER BREMER	GER	5:46.88	GRAHAM SHORT	GBR	33.70	ROBERT THOMAS	GBR
4:40.66	JOHN NOLAN	USA	1:18.75	WIM DE BOER	NED	5:49.11	KEN RANSOM	CAN	34.10	ANTONIO D'OPPIDO	ITA
4:41.85	KEITH BELL	USA	1:18.77	TERUO IWATA	JPN				34.12	AKIHIKO YABE	JPN
4:42.71	CHRIS DUNN	GBR	1:18.89	PETER HOFFT	GER	*****	*****		100 M.	BACK	
4:43.29	H.HARBRECHT	GER	200 M.	BRST			M E N 50-54		1:08.86	PHILLIP WHITTEN	USA
4:45.31	DAVID GRAY	USA	2:46.71	WAYNE MCCAULEY	USA	*****	*****		1:12.44	STEVEN THRASHER	USA
4:50.39	ANDY WILSON	GBR	2:50.50	Y.NIKOLAEV	RUS	50 M.	FREE		1:13.67	L.BARBIER	RUS
500 M.	FREE		2:50.58	D.UIJTENBOGAART	NED	25.09	EMIL PLESNIK	GER	1:14.78	KOJI NONAKA	JPN
9:39.70	JOHN NOLAN	USA	2:51.14	ERIC THOMSON	CAN	26.94	TONY CHERRINGTON	GBR	1:14.88	CHRIS STEVENSON	CAN
9:41.20	D.UIJTENBOGAART	NED	2:51.78	PAUL WYATT	AUS	27.03	VINUS VAN BAALEN	CAN	1:14.97	TONY CHERRINGTON	GBR
9:46.94	KEITH BELL	USA	2:53.42	NARIAKI TSUJI	JPN	27.56	ROBERT WILLIAMS	USA	1:15.22	MICHAEL MEALIFFE	USA
9:47.10	RALPH HUTTON	CAN	2:53.70	BILL GRIFFITH	USA	27.60	TOM ANGELL	USA	1:15.76	VINUS VAN BAALEN	CAN
10:07.05	LEN MINTY	CAN	2:54.05	ROBERT APEL	GBR	27.70	SENJI NISHIZAWA	JPN	1:16.22	HUGH RODDIN	USA
10:08.14	KEN RANSOM	CAN	2:54.59	HOLGER BREMER	GER	27.73	JACK GEOGHEGAN	USA	1:16.99	KURT KORBER	GER
10:21.41	WILLIAM ROSS	USA	2:55.20	KENNETH RICKARD	AUS	27.79	AKIRA TAKAKURA	JPN	200 M.	BACK	
10:28.02	F.BIERING-SORENSE	DEN	50 M.	FLY		27.85	MASAFUMI KAN	JPN	2:32.59	EDWARD CAZALET	USA
10:30.04	TOM CHAMBERLIN	USA	27.08	DAN THOMPSON	USA	27.91	EDWARD CAZALET	USA	2:37.93	STEVEN THRASHER	USA
10:32.27	ANGEL CUEVAS	ESP	28.28	RICHARD ABRAHAMS	USA	100 M.	FREE		2:41.36	CHRIS STEVENSON	CAN
1500 M.	FREE		28.33	TETSURO YOKOYAMA	JPN	1:00.44	TONY CHERRINGTON	GBR	2:44.25	L.BARBIER	RUS
18:26.21	KEITH BELL	USA	29.07	TONY JARVIS	GBR	1:01.60	EDWARD CAZALET	USA	2:45.69	HUGH RODDIN	USA
18:29.75	D.UIJTENBOGAART	NED	29.12	FRED SCHLICHER	USA	1:01.63	JACK GEOGHEGAN	USA	2:45.88	TONY CHERRINGTON	GBR
18:34.00	Y.NIKOLAEV	RUS	29.30	MARIO OCCHIELLO	ITA	1:01.78	ROBERT WILLIAMS	USA	2:48.18	JAMES STEWART	GBR
18:37.73	RALPH HUTTON	CAN	29.49	FOLKERT MEEUW	GER	1:02.33	KOJI IWAMOTO	JPN	2:48.51	KARL DONOGHUE	CAN
18:42.41	JOHN NOLAN	USA	29.59	A.KRUKOV	RUS	1:02.40	A.HITROV	RUS	2:49.56	JACK GEOGHEGAN	USA
19:31.65	GREGORY WILLIS	USA	29.59	ERICH MEHL	GER	1:02.64	JOHN MARTIN-DYE	GBR	2:49.86	CHARLES DOXAT	GBR
19:31.67	IVAN MYALL	GBR	29.69	PETER KOLLER	GER	1:02.76	VINUS VAN BAALEN	CAN	50 M.	BRST	
19:54.77	KEN RANSOM	CAN	29.69	NARIAKI TSUJI	JPN	1:03.33	WILLIAM HARRIS	AUS	33.59	PETER KUNZE	GER
19:55.10	JOHN SELMER	USA	100 M.	FLY		1:03.44	CHITOSHI KONISHI	JPN	33.95	KLAUS KATZUR	GER
20:14.69	ANDY WILSON	GBR	1:03.36	RICHARD ABRAHAMS	USA	200 M.	FREE		34.10	GIANNI GROSS	ITA
50 M.	BACK		1:03.63	FRED SCHLICHER	USA	2:14.54	SANDY GALLETLY	GBR	34.49	CYRIL KRAL	GER
29.87	ROBERT SMITH	USA	1:04.06	TETSURO YOKOYAMA	JPN	2:16.94	EDWARD CAZALET	USA	34.71	THOMAS BOAK	USA
30.53	TIM BIRNIE	USA	1:04.56	BOO GRANER-GALLAS	USA	2:17.17	KOJI IWAMOTO	JPN	34.97	RICHARD GOTZ	GER
30.69	HUGH WILDER	USA	1:05.47	NARIAKI TSUJI	JPN	2:18.40	A.HITROV	RUS	35.20	M.FARAPHONOV	RUS
31.29	RALPH BECKMANN	GER	1:05.88	TONY JARVIS	GBR	2:19.61	GEOFF STOKES	GBR	35.36	KEITH SHAW	CAN
31.58	A.KRUKOV	RUS	1:07.23	DAN THOMPSON	USA	2:20.07	JOHN MARTIN-DYE	GBR	36.14	GARY TRIMBLE	USA
31.76	IVAN MYALL	GBR	1:08.26	PAUL HEBERT	USA	2:20.65	ROBERT WILLIAMS	USA	36.19	RAINER OPITZ	GER
31.99	JAME COTS	ESP	1:08.30	ANTONIO D'OPPIDO	ITA	2:20.73	JACK GEOGHEGAN	USA	100 M.	BRST	
32.29	PETER HEEREN	GER	1:08.48	WIM DE BOER	NED	2:21.99	WILLIAM HARRIS	AUS	1:14.70	GIANNI GROSS	ITA
32.34	BOB KOLONKOWSKI	USA	200 M.	FLY		2:23.22	KOJI NONAKA	JPN	1:17.85	THOMAS BOAK	USA
32.37	JOHN GORDON	GBR	2:26.91	KEITH BELL	USA	400 M.	FREE		1:17.89	PETER KUNZE	GER
100 M.	BACK		2:28.40	FRED SCHLICHER	USA	4:41.75	SANDY GALLETLY	GBR	1:19.27	BRYAN FINLAY	CAN
1:05.81	HUGH WILDER	USA	2:34.91	DAVID THOMPSON	GBR	4:56.34	JOHN MARTIN-DYE	GBR	1:19.45	CHARLES DOXAT	GBR
1:06.54	TIM BIRNIE	USA	2:37.77	D.UIJTENBOGAART	NED	4:57.41	GEOFF STOKES	GBR	1:19.72	ROB HANOU	NED
1:08.22	ROBERT SMITH	USA	2:38.43	ARTHUR DEFFAA	USA	5:01.11	A.HITROV	RUS	1:20.41	KEITH SHAW	CAN
1:08.39	JOHN PHILLIPS	USA	2:38.64	JOHN COVACEVICH	AUS	5:01.95	STEVEN THRASHER	USA	1:20.60	MICHAEL MOLONEY	USA
1:08.87	IVAN MYALL	GBR	2:39.97	DENNIS CALDWELL	CAN	5:02.20	JACK GEOGHEGAN	USA	1:20.75	PHILLIP WHITTEN	USA
1:10.69	WIM DE BOER	NED	2:40.74	DEREK PARR	GBR	5:06.15	ROBERT WILLIAMS	USA	1:21.07	HIDEAKI YOKOYAMA	JPN
1:10.74	PAUL HEBERT	USA	2:44.87	GRAHAM PAYZE	AUS	5:08.86	DICK STEWART	USA	200 M.	BRST	
1:11.22	JOHN GORDON	GBR	2:45.33	CLAUS KOCH	CAN	5:09.77	DICK CAMPION	AUS	2:50.68	MICHAEL MOLONEY	AUS
1:11.95	JAMES NASH	USA	100 M.	I.M.		5:10.13	WILLIAM HARRIS	AUS	2:52.28	CHARLES DOXAT	GBR
1:12.30	ENRICO TOSI	ITA	1:08.17	ROBERT STRAND	USA	800 M.	FREE		2:55.60	ROB HANOU	NED
200 M.	BACK		1:08.19	WOLFGANG DIERKES	GER	10:21.43	ROBERT WILLIAMS	USA	2:55.76	THOMAS BOAK	USA
2:29.14	IVAN MYALL	GBR	1:08.97	FRANK HESBACHER	GER	10:34.53	A.HITROV	RUS	2:56.25	BRYAN FINLAY	CAN
2:32.27	HUGH WILDER	USA	1:09.59	JOHN GORDON	GBR	10:44.23	ROB HANOU	NED	2:58.67	PHILLIP WHITTEN	USA
2:34.48	JOCK MACREA	CAN	1:09.61	TIM BIRNIE	USA	11:00.33	WILLIAM HARRIS	AUS	2:59.99	PETER KUNZE	GER
2:35.00	JOHN GORDON	GBR	1:10.27	PAUL WYATT	AUS	11:01.01	PATRICK SCHLUP	USA	3:00.74	KEITH SHAW	CAN
2:36.13	JOHN PHILLIPS	USA	1:10.41	HUGH WILDER	USA	11:07.79	ESPEEN ENGBREISE	NOR	3:01.03	N.LESCHENKO	RUS
2:36.60	Y.NIKOLAEV	RUS	1:10.70	ANTONIO D'OPPIDO	ITA	11:09.34	ISAO NAKAMOTO	JPN	3:01.09	KARL ODKOLEK	GER
2:38.11	D.UIJTENBOGAART	NED	1:10.88	RALPH HUTTON	CAN	11:10.36	JEAN ROUFOSSE	BEL	50 M.	FLY	
2:38.61	ALLEN DEWEESE	USA	1:10.91	BILL ABBOTT	USA	11:14.10	KARL DONOGHUE	CAN	28.65	KOJI IWAMOTO	JPN
2:39.23	DAVID UGAROVICH	USA	200 M.	I.M.		11:17.10	GUY LEWIS	USA	28.79	BERND SCHRODER	GER
2:40.24	VIRGIL DANIELS	USA	2:26.50	Y.NIKOLAEV	RUS	1500 M.	FREE		29.39	MICHAEL MEALIFFE	USA
50 M.	BRST		2:30.24	TIM BIRNIE	USA	18:33.97	SANDY GALLETLY	GBR	29.46	JOSEF CIURO	ESP
32.14	PAUL HENNE	USA	2:31.10	D.UIJTENBOGAART	NED	20:05.23	ROBERT WILLIAMS	USA	30.23	OSMI ILGEN	GER
33.11	DAN THOMPSON	USA	2:31.49	DAVID THOMPSON	GBR	21:06.63	A.HITROV	RUS	30.44	TOMOYASU IIDA	JPN
33.44	WAYNE MCCAULEY	USA	2:35.62	JOHN GORDON	GBR	21:07.48	ROB HANOU	NED	30.45	KLAUS KATZUR	GER
33.70	FRANK HESBACHER	GER	2:36.35	ERIC THOMSON	CAN	21:08.08	GUY LEWIS	USA	30.47	ROBERT WILLIAMS	USA
34.19	DIETER HOFEL	GER	2:37.02	KUNIHIRO IWASAKI	JPN	21:08.48	ISAO NAKAMOTO	JPN	30.58	BERT PETERSEN	USA
34.60	TIBOR CSERVENYAK	SUI	2:37.16	JOCK MACREA	CAN	21:10.19	JAMES STEWART	GBR	30.60	AKIKAZU TAKEMOTO	JPN
34.77	SCOTT GUTHRIE	USA	2:37.36	NARIAKI TSUJI	JPN	21:23.47	PETER GILMOUR	AUS	100 M.	FLY	
34.84	OSAMU MAEDA	JPN	2:38.37	DUNCAN MCREADIE	GBR	21:38.30	THORMOD HOLM	DEN	1:05.10	KOJI IWAMOTO	JPN
34.89	WERNER GRUTERS	GER	400 M.	I.M.		21:38.98	ROBERT SMITH	CAN	1:10.79	TOMOYASU IIDA	JPN
34.99	HANNES DORNIOCK	GER	5:12.80	Y.NIKOLAEV	RUS	50 M.	BACK		1:11.30	R.LLOYD-MOSTYN	GBR
100 M.	BRST		5:20.24	D.UIJTENBOGAART	NED	31.02	PHILLIP WHITTEN	USA	1:11.52	GEOFF STOKES	GBR
1:12.32	PAUL HENNE	USA	5:31.15	DAVID THOMPSON	GBR	32.20	VINUS VAN BAALEN	CAN	1:11.70	MIKE LAUX	USA
1:13.37	ROBERT STRAND	USA	5:39.13	ANDY WILSON	GBR	32.27	L.BARBIER	RUS	1:12.18	YOSHIHIRO MIYOSHI	JPN
1:14.76	WAYNE MCCAULEY	USA	5:43.07	JOHN SELMER	USA	32.33	TONY CHERRINGTON	GBR	1:12.27	BERT PETERSEN	USA



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers for various countries and times.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

34.53	S.SEKIKAWA	JPN	1:22.99	HEINZ KRAUSS	GER	2:42.78	FRED TRASK	USA	40.10	SILVANO DANIELI	ITA
36.47	ROLF SCHADENBERG	GER	1:23.58	RON JOHNSON	USA	2:45.30	ISAO IKEGAMI	JPN	40.10	FRITZ KLAPPROTH	GER
36.72	CLIFF WARD	GBR	1:24.22	SEYMOUR BANNING	GBR	2:46.45	ROGER FRANKS	USA	40.69	HELMUT KOBER	GER
36.77	RON JOHNSON	USA	1:27.69	CURT ZEISS	GER	2:46.88	ELMER SCHNITZER	USA	40.98	TOSHIO TAJIMA	JPN
37.07	JOHN GOODE	USA	1:28.40	PARRY O'BRIEN	USA	2:48.70	SHIZUO KONISHI	JPN	41.19	ROLF STELLRECHT	GER
37.63	CLARKE MITCHELL	USA	1:28.80	GIORGIO RITTORE	ITA	2:49.49	HARVEY PROSSER	USA	100 M.	BRST	
37.77	STEVE HADLEY	USA	1:29.04	C.LEBOURGEOIS	USA	2:51.22	ROBERT BLAKE	USA	1:27.84	FRITZ KLAPPROTH	GER
37.81	GORO TABUCHI	JPN	200 M.	FLY		2:52.07	KEITH JONES	AUS	1:28.30	KARL HAUTER	GER
38.10	M.TOMIMATSU	JPN	3:00.48	HARRY HUNSICKER	USA	400 M.	FREE		1:30.49	WERNER KRAUSE	GER
38.27	BILL ORCHARD	AUS	3:04.82	MASAYASU KAMIYA	JPN	5:26.81	WILLIAM PHILLIPS	USA	1:31.33	ISAO IKEGAMI	JPN
100 M.	BACK		3:05.92	SEYMOUR BANNING	GBR	5:40.90	ROGER FRANKS	USA	1:31.89	KARL-HEINZ KNOPS	GER
1:16.42	S.SEKIKAWA	JPN	3:16.50	HERB KERN	USA	5:41.43	FRANK PIEMME	USA	1:32.22	SOICHI SAMEJIMA	JPN
1:18.78	GRAHAM JOHNSTON	USA	3:19.36	C.LEBOURGEOIS	USA	5:52.05	ISAO IKEGAMI	JPN	1:32.70	SILVANO DANIELI	ITA
1:22.13	JOHN GOODE	USA	3:22.86	TAKASHI HAYASHI	JPN	5:57.73	FRED TRASK	USA	1:33.82	TOSHIO TAJIMA	JPN
1:22.56	BOB BARRY	AUS	3:29.22	TOSHIO ENOMOTO	JPN	6:01.89	SHIZUO KONISHI	JPN	1:34.79	ROLF STELLRECHT	GER
1:22.90	STEVE HADLEY	USA	3:36.68	JIM STEWART	GBR	6:05.53	HARVEY PROSSER	USA	1:36.01	JOSEPH KURTZMAN	USA
1:24.36	CLARKE MITCHELL	USA	3:36.69	MIKE TORSNEY	CAN	6:13.54	ROYCE JACKSON	AUS	200 M.	BRST	
1:24.50	MASAYASU KAMIYA	JPN	3:47.20	SID SALEK	NZL	6:15.51	ELMER SCHNITZER	USA	3:16.65	CHARLES MOSS	USA
1:24.74	GORO TABUCHI	JPN	100 M.	I.M.		6:16.34	ALLEN MILES	GBR	3:34.88	TOM LOGAN	NZL
1:24.83	ZENJI NAKAHARI	JPN	1:16.34	HITOSHI KATO	JPN	800 M.	FREE		3:37.79	PAUL MUMPFER	GER
1:26.50	CLIFF WARD	GBR	1:17.82	JOHN KORTHEUER	USA	11:33.11	ROGER FRANKS	USA	3:38.34	TED ROACH	CAN
200 M.	BACK		1:19.22	DIETER LOELIGER	AUS	11:34.87	WILLIAM PHILLIPS	USA	3:38.57	JOHN DAILY	USA
2:49.13	GRAHAM JOHNSTON	USA	1:19.76	MASAYASU KAMIYA	JPN	12:14.61	FRANK PIEMME	USA	3:38.58	LEE ARTH	USA
2:49.48	S.SEKIKAWA	JPN	1:19.90	GRAHAM JOHNSTON	USA	12:24.02	ISAO IKEGAMI	JPN	3:41.50	MAURO LOMBARDI	ITA
2:58.25	BOB BARRY	AUS	1:19.99	RON JOHNSON	USA	12:37.48	KEITH JONES	AUS	3:51.32	THOMAS SWEETING	GBR
3:01.37	DIETER LOELIGER	AUS	1:20.51	ZENJI NAKAHARI	JPN	12:43.06	ZENJI NAKAHARI	JPN	3:53.29	JACQUES AMYOT	CAN
3:04.75	RON JOHNSON	USA	1:20.95	C.LEBOURGEOIS	USA	12:55.50	NOBUMASA YAMAZAKI	JPN	3:53.71	NORMAN GARSOE	USA
3:05.49	CLARKE MITCHELL	USA	1:21.91	LEN GOLDSTONE	USA	12:57.11	LEE ARTH	USA	50 M.	FLY	
3:07.51	KEN KIMBALL	USA	1:22.49	HEINZ KRAUSS	GER	12:57.48	ROYCE JACKSON	AUS	34.98	FRANK PIEMME	USA
3:08.19	C.LEBOURGEOIS	USA	200 M.	I.M.		13:06.60	W MORGAN BYERS	USA	35.41	PAUL HUTINGER	USA
3:08.69	EDUARDO ALBEROLA	ESP	2:52.26	DIETER LOELIGER	AUS	1500 M.	FREE		35.53	CHARLES MOSS	USA
3:09.20	GORO TABUCHI	JPN	2:58.09	BOB BARRY	AUS	21:57.69	ROGER FRANKS	USA	35.90	P.SKRIPCHEKOV	RUS
50 M.	BRST		2:58.38	MASAYASU KAMIYA	JPN	22:00.40	WILLIAM PHILLIPS	USA	35.92	FRITZ KLAPPROTH	GER
36.77	JOHN KORTHEUER	USA	3:00.92	JOHN KORTHEUER	USA	23:04.11	FRANK PIEMME	USA	36.24	DONALD HUBBARD	USA
37.29	HARRY HUNSICKER	USA	3:03.98	BOB BEST	USA	23:58.52	FRED TRASK	USA	36.42	JOSEPH KURTZMAN	USA
37.58	NICK TEMPLEMAN	CAN	3:06.22	HERB KERN	USA	24:22.82	ZENJI NAKAHARI	JPN	36.59	KARL-HEINZ KNOPS	GER
37.65	AULIS KAHONEN	USA	3:07.20	JOHN PAGE	NZL	25:51.54	NORMAN DIXON	GBR	36.70	SILVANO DANIELI	ITA
38.40	THOMAS KOENIG	USA	3:07.43	JIM KALAS	USA	26:08.70	JOHN DAILY	USA	36.89	HELMUT KOBER	GER
38.49	ALBERT BUCHHOLZ	GER	3:08.86	C.LEBOURGEOIS	USA	26:15.46	TOM LOGAN	NZL	100 M.	FLY	
38.60	BRUNELLO GRAJA	ITA	3:09.90	CLARKE MITCHELL	USA	26:21.59	GERHARD GROSSER	GER	1:20.32	CHARLES MOSS	USA
38.99	WILLI BECKER	GER	400 M.	I.M.		26:41.36	THOMAS SWEETING	GBR	1:25.49	JOSEPH KURTZMAN	USA
38.99	RUDI VAN ESS	GER	6:02.73	GRAHAM JOHNSTON	USA	50 M.	BACK		1:27.70	SILVANO DANIELI	ITA
38.99	JOST ROSENCRANTZ	GER	6:33.01	MASAYASU KAMIYA	JPN	36.47	PAUL HUTINGER	USA	1:33.01	KEITH CARTER	USA
100 M.	BRST		6:33.90	C.LEBOURGEOIS	USA	36.82	THOMAS SMITH	USA	1:36.76	DONALD HUBBARD	USA
1:21.56	JOHN KORTHEUER	USA	6:44.86	RON JOHNSON	USA	37.69	K.KLAUSTERMEYER	GER	1:40.29	ERICH DILFER	GER
1:23.78	DIETER LOELIGER	AUS	6:49.30	HERB KERN	USA	38.47	KEIJIRO NAKAMURO	JPN	1:40.75	LEE ARTH	USA
1:23.87	NICK TEMPLEMAN	CAN	6:55.50	SEYMOUR BANNING	GBR	39.52	GEORGE BRINTON	USA	1:42.40	MASAZUMI HAGIWARA	JPN
1:24.60	BRUNELLO GRAJA	ITA	7:03.78	GORDON GILLIN	USA	39.59	HANS JURGEN PAGEL	GER	1:42.98	NOBUMASA YAMAZAKI	JPN
1:26.07	ALBERT BUCHHOLZ	GER	7:04.47	SID SALEK	NZL	39.68	SHOICHI SHIDA	JPN	1:43.21	LUMAN SUTTON	USA
1:26.12	BOB BEST	USA	7:16.92	C.H. KOHNEN	USA	40.08	BOB WHITE	USA	200 M.	FLY	
1:27.85	YASUO MIGITE	JPN	7:28.35	JOHN JEFFREY	GBR	40.19	ERICH DILFER	GER	3:07.91	CHARLES MOSS	USA
1:27.95	ZENJI NAKAHARI	JPN				40.29	F.YANAGISAWA	JPN	3:22.60	SILVANO DANIELI	ITA
1:29.49	JOST ROSENCRANTZ	GER	*****			100 M.	BACK		3:24.39	JOSEPH KURTZMAN	USA
1:29.52	YASUSHI TANGE	JPN				1:19.68	PAUL HUTINGER	USA	3:35.33	KEITH CARTER	USA
200 M.	BRST					1:24.58	KEIJIRO NAKAMURO	JPN	3:42.09	LEE ARTH	USA
3:07.29	ALBERT BUCHHOLZ	GER				1:27.23	GEORGE BRINTON	USA	3:54.57	NOBUMASA YAMAZAKI	JPN
3:09.50	BRUNELLO GRAJA	ITA	30.40	KAREL SMITS	NED	1:29.29	K.KLAUSTERMEYER	GER	3:57.23	ART KELLEY	USA
3:09.66	JOHN KORTHEUER	USA	30.41	FRANK PIEMME	USA	1:30.19	SHOICHI NAKAGAWA	JPN	3:58.01	DON LEADER	GBR
3:16.61	NICK TEMPLEMAN	CAN	30.51	ISAO IKEGAMI	JPN	1:31.51	BOB WHITE	USA	4:06.35	JOHN VIDAL	AUS
3:18.12	Y.NAKAHARI	JPN	31.10	SHOICHI SHIDA	JPN	1:33.28	F.YANAGISAWA	JPN	4:20.20	TED ROACH	CAN
3:20.45	YASUSHI TANGE	JPN	31.19	MEYER RUDOLF	GER	1:34.81	TAKEO HIROTSU	JPN	100 M.	I.M.	
3:20.59	JORG FAUST	GER	31.28	YUKIMORI YANO	JPN	1:35.37	MIKIO FUJIWARA	JPN	1:19.45	CHARLES MOSS	USA
3:22.10	HANS DEN BOER	NED	31.40	MILTON SENS	USA	1:35.84	KEVIN VICKEYRY	AUS	1:19.90	PAUL HUTINGER	USA
3:24.09	HORST SIEVERS	GER	31.66	FUJIO MYOJIN	JPN	200 M.	BACK		1:20.75	Y.NAKAHARI	JPN
3:26.09	WILLI ENDRES	GER	32.53	JOHN COLES	AUS	3:01.32	PAUL HUTINGER	USA	1:23.99	KARL HAUTER	GER
50 M.	FLY		32.64	HIROSHI YAMAZAKI	JPN	3:14.49	BOB WHITE	USA	1:26.19	ERICH DILFER	GER
31.66	HITOSHI KATO	JPN	100 M.	FREE		3:19.97	MIKIO FUJIWARA	JPN	1:26.40	FRANK PIEMME	USA
33.07	MASAYASU KAMIYA	JPN	1:09.93	FRANK PIEMME	USA	3:27.78	GEORGE BRINTON	USA	1:26.69	LOTHAR KREMER	GER
33.11	HARRY HUNSICKER	USA	1:10.76	ISAO IKEGAMI	JPN	3:27.91	LEE ARTH	USA	1:26.77	ISAO IKEGAMI	JPN
33.29	JOHN KORTHEUER	USA	1:12.81	FRED TRASK	USA	3:27.91	KEITH JONES	AUS	1:27.19	ROLF STELLRECHT	GER
33.40	P.SKRIPCHEKOV	RUS	1:13.00	KEITH JONES	AUS	3:28.23	TAKEO HIROTSU	JPN	1:27.70	SILVANO DANIELI	ITA
33.87	RON JOHNSON	USA	1:13.20	SHIZUO KONISHI	JPN	3:32.00	MARCO DE CECCO	ITA	200 M.	I.M.	
33.99	HEINZ KRAUSS	GER	1:14.42	ELMER SCHNITZER	USA	3:34.78	JOHN DAILY	USA	2:56.23	CHARLES MOSS	USA
34.04	HERB KERN	USA	1:14.79	KARL HAUTER	GER	3:35.24	DON LEADER	GBR	3:09.31	FRANK PIEMME	USA
34.31	Y.NAKAHARI	JPN	1:15.68	HIROSHI YAMAZAKI	JPN	50 M.	BRST		3:16.81	ISAO IKEGAMI	JPN
34.79	H.EICHENAUER	GER	1:15.74	NOBUMASA YAMAZAKI	JPN	38.53	WERNER KRAUSE	GER	3:20.03	NOBUMASA YAMAZAKI	JPN
100 M.	FLY		1:15.96	HARVEY PROSSER	USA	39.36	CHARLES MOSS	USA	3:24.27	KEITH CARTER	USA
1:17.56	MASAYASU KAMIYA	JPN	200 M.	FREE		39.49	JOSEPH KURTZMAN	USA	3:26.89	LEE ARTH	USA
1:19.84	FUMIO EGAMI	JPN	2:34.27	WILLIAM PHILLIPS	USA	39.79	KARL-HEINZ KNOPS	GER	3:27.60	TOM LOGAN	NZL
1:22.51	TOSHIO ENOMOTO	JPN	2:38.87	FRANK PIEMME	USA	39.80	KARL HAUTER	GER	3:28.80	JOHN DAILY	USA



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers for various events in 1993.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

43.10	Y. MIYAMOTO	JPN	7:51.81	PAUL KRUP	USA	2:04.14	WOODROW BOWERSOCK	USA	5:23.15	ROY HODGES	GBR
44.30	ALDO DA ROSA	USA	8:45.13	Y. HASEGAWA	JPN	2:05.62	WILLIAM GRANT	USA	4:00	M. I. M.	
45.43	HIROSHI YOSHIMOTO	JPN	9:02.64	NELSON OTIS	USA	2:15.11	JOHN GLENN	USA	10:58.67	JESSE COON	USA
47.49	RUDI HOFMANN	GER	9:36.59	WILLIAM JOHNSTON	USA	2:15.59	RYOSUKE YAMAZAKI	JPN			
47.59	C. SCHERER	GER	9:37.56	KISABURO WADA	JPN	2:17.39	FRANZ KOCH	GER			
47.86	BRUD CLEAVELAND	USA	10:04.32	DICK WESTERFIELD	USA	200 M.	BACK				
48.21	ROYSTON ROMAIN	GBR				4:14.49	CECIL BOND	AUS			
48.49	HEINZ ARENDT	GER				4:44.72	ROY HODGES	GBR			
100 M.	BRST					4:54.50	PASQUALE PIZZI	ITA	41.90	FRANK GRIFFITHS	AUS
1:37.81	Y. MIYAMOTO	JPN				5:06.97	BRIAN KERR	NZL	43.86	DAN DOTTERWEICH	USA
1:39.85	ALDO DA ROSA	USA				5:09.35	CAM WEIR	CAN	47.28	REINHOLD ZOEGE	GER
1:43.17	HIROSHI YOSHIMOTO	JPN	35.16	WOODROW BOWERSOCK	USA	5:14.57	JOHN GLENN	USA	50.26	JOHN MAXWELL	USA
1:43.32	PAUL KRUP	USA	37.67	MASAO UEDA	JPN	5:21.53	NORI YAMAMOTO	JPN	52.80	JAMES BROWN	AUS
1:50.72	BRUD CLEAVELAND	USA	37.75	R. REINSTADTLER	GER	5:38.71	EUGENE LEHMAN	CAN	54.80	ALFREDO CHERCHI	AUS
1:50.99	HEINZ ARENDT	GER	38.29	FRIEDERICH KUHM	GER	5:39.24	ALLEN BURGOYNE	AUS	56.26	JOE KAUFMAN	USA
1:51.39	WILLI WINDEL	GER	39.32	GERSON SOBEL	USA	6:05.38	BERNARD BUSST	AUS	56.87	DON NEEFE	USA
1:51.99	RUDI HOFMANN	GER	39.84	SHOGORO AZUMA	JPN	50 M.	BRST		58.54	HERB EISENSCHMIDT	USA
1:52.77	ROGER CHAMBERLAIN	USA	40.31	HARUO CHIJIWA	JPN	50.10	GIORDANO RAGGI	ITA	59.60	OSVALDO BAICCHI	ITA
1:53.17	ROYSTON ROMAIN	GBR	40.43	JAMES HARVIE	AUS	53.79	WALTER STEEB	GER	100 M.	FREE	
200 M.	BRST		40.69	WALTER STEEB	GER	54.69	WALTER SEIFERT	GER	1:53.34	ALFREDO CHERCHI	AUS
3:34.29	ALDO DA ROSA	USA	40.79	HUGO-EDUARD ERNEN	GER	54.70	ENZO LOMBARDI	ITA	2:06.28	JOHN MAXWELL	USA
3:41.60	AUGUSTO ROMANO	ITA	100 M.	FREE		55.99	HERMANN DEUTZMANN	GER	2:14.14	JAMES BROWN	AUS
3:50.22	PAUL KRUP	USA	1:20.65	WOODROW BOWERSOCK	USA	56.19	GUNTER STEFFENS	GER	2:16.79	REINHOLD ZOEGE	GER
4:11.28	ROYSTON ROMAIN	GBR	1:30.59	FRIEDERICH KUHM	GER	58.22	ROLF ABEL	GER	2:17.53	GUS LANGNER	USA
4:14.15	HIROSHI YOSHIMOTO	JPN	1:35.34	SHOGORO AZUMA	JPN	59.39	CHARLES BARTSCH	GER	2:20.87	JOE KAUFMAN	USA
4:15.89	JERRY EVERALL	USA	1:36.34	TETSU YAMANACHI	JPN	59.55	WOODROW BOWERSOCK	USA	2:28.27	DON NEEFE	USA
4:17.91	MIKE OFFNER	USA	1:37.19	HUGO-EDUARD ERNEN	GER	59.79	HUGO-EDUARD ERNEN	GER	2:55.22	HAROLD HOFFMANN	USA
4:26.35	NELSON OTIS	USA	1:42.49	DAVID MCAFEE	USA	100 M.	BRST		200 M.	FREE	
4:32.96	BRUD CLEAVELAND	USA	1:42.73	C.B SUNDERLAND	USA	2:01.50	ENZO LOMBARDI	ITA	4:08.78	ALFREDO CHERCHI	AUS
4:38.03	ROMAN JEZEK	CAN	1:44.37	JARING TIMMERMAN	CAN	2:09.09	ROLF ABEL	GER	4:41.66	MATSUTOSH YATABE	JPN
50 M.	FLY		1:47.06	JOHN COMYNS	AUS	2:15.09	WALTER STEEB	GER	4:58.25	GUS LANGNER	USA
40.24	Y. MIYAMOTO	JPN	1:49.18	BERT KASELL	USA	2:23.32	HERMANN DEUTZMANN	GER	5:04.13	JOE KAUFMAN	USA
40.81	PAUL KRUP	USA	200 M.	FREE		2:25.14	ROY HODGES	GBR	5:05.84	JOHN MAXWELL	USA
43.45	GERHARD HEIN	GER	3:36.69	FRIEDERICH KUHM	GER	2:26.20	C. J. HAMILTON	USA	400 M.	FREE	
43.88	ROYSTON ROMAIN	GBR	3:37.87	GERSON SOBEL	USA	2:30.82	ALLEN BURGOYNE	AUS	11:20.55	JOHN MAXWELL	USA
44.20	TOSHIO NAKAJIMA	JPN	3:38.59	HUGO-EDUARD ERNEN	GER	2:33.66	RUFUS CLARK	USA	50 M.	BACK	
44.77	WILLIAM JOHNSTON	USA	3:39.61	HERBERT HOWE	USA	2:37.81	JOHN GLENN	USA	56.85	DAN DOTTERWEICH	USA
45.74	ALDO DA ROSA	USA	3:43.52	WOODROW BOWERSOCK	USA	2:42.42	LARRY HART	USA	59.49	HANS PAUL	GER
47.59	HEINZ ARENDT	GER	3:52.18	C.B SUNDERLAND	USA	200 M.	BRST		1:00.12	FRANK GRIFFITHS	AUS
47.92	Y. HASEGAWA	JPN	3:53.46	DAVID MCAFEE	USA	4:33.50	GIORDANO RAGGI	ITA	1:05.66	PETER JURCZYK	USA
49.67	GEORGE RAFTER	USA	3:55.37	JARING TIMMERMAN	CAN	4:42.90	ENZO LOMBARDI	ITA	1:07.70	OSVALDO BAICCHI	ITA
100 M.	FLY		4:12.85	ALLEN BURGOYNE	AUS	4:59.30	FRANK GRIFFITHS	AUS	1:07.78	HERB EISENSCHMIDT	USA
1:44.19	PAUL KRUP	USA	4:14.62	CECIL BOND	AUS	5:05.89	WALTER STEEB	GER	1:11.83	JOE KAUFMAN	USA
1:46.53	ALDO DA ROSA	USA	400 M.	FREE		5:07.85	ROY HODGES	GBR	1:12.97	ALFREDO CHERCHI	AUS
1:47.04	Y. MIYAMOTO	JPN	7:44.17	WOODROW BOWERSOCK	USA	5:08.45	C. J. HAMILTON	USA	1:13.04	GUS LANGNER	USA
1:54.37	WILLIAM JOHNSTON	USA	8:05.75	C.B SUNDERLAND	USA	5:22.14	RUFUS CLARK	USA	1:21.87	DON NEEFE	USA
1:57.67	ROYSTON ROMAIN	GBR	8:07.89	HERBERT HOWE	USA	5:36.49	ALLEN BURGOYNE	USA	100 M.	BACK	
1:58.23	Y. HASEGAWA	JPN	8:16.09	DAVID MCAFEE	USA	6:23.17	JOHN GLENN	USA	2:09.91	DAN DOTTERWEICH	USA
2:05.79	HEINZ ARENDT	GER	8:47.39	HANNE SCHWARZ	GER	7:34.31	KENNETH SARSON	AUS	2:15.47	JIM PENFIELD	USA
2:16.33	KISABURO WADA	JPN	9:11.37	ALLEN BURGOYNE	AUS	50 M.	FLY		2:25.47	CHESTER KOZLOWSKI	GBR
2:30.60	LESLIE CAMPBELL	AUS	9:19.26	TOMOHIDE SANO	JPN	56.24	JESSE COON	USA	2:30.40	PETER JURCZYK	USA
2:32.20	TADASHI YAMAGUCHI	JPN	11:03.67	EUGENE LEHMAN	CAN	56.24	RYOSUKE YAMAZAKI	JPN	2:35.83	DON NEEFE	USA
200 M.	FLY		12:03.91	EIZO SHINBO	JPN	56.30	WOODROW BOWERSOCK	USA	2:35.97	JOE KAUFMAN	USA
3:55.02	PAUL KRUP	USA	800 M.	FREE		57.39	CHARLES BARTSCH	GER	2:40.20	OSVALDO BAICCHI	ITA
4:20.73	Y. HASEGAWA	JPN	16:04.40	HERBERT HOWE	USA	57.77	WILLIAM GRANT	USA	2:57.01	GUS LANGNER	USA
5:02.72	WILLIAM JOHNSTON	USA	16:58.06	WOODROW BOWERSOCK	USA	57.79	R. REINSTADTLER	GER	3:22.97	GEORGE ONION	GBR
5:14.04	JOHN JOHNSTON	USA	17:00.37	DAVID MCAFEE	USA	58.22	WALTER STEEB	GER	200 M.	BACK	
100 M.	I. M.		20:03.10	ALLEN BURGOYNE	AUS	1:00.20	LUIGI DAVOGLIO	ITA	5:09.86	HERB EISENSCHMIDT	USA
1:38.12	Y. MIYAMOTO	JPN	22:06.25	EUGENE LEHMAN	CAN	1:03.59	D LEATHERMAN	USA	5:15.31	CHESTER KOZLOWSKI	GBR
1:41.26	ROGER CHAMBERLAIN	USA	1500 M.	FREE		1:06.44	NOBUO USHIMI	JPN	5:21.74	JOE KAUFMAN	USA
1:41.79	PAUL KRUP	USA	37:38.29	ROY HODGES	GBR	100 M.	FLY		6:06.66	DON NEEFE	USA
1:41.89	WILLI WINDEL	GER	40:39.15	EUGENE LEHMAN	CAN	2:27.75	JESSE COON	USA	6:07.40	GUS LANGNER	USA
1:43.19	HEINZ ARENDT	GER	40:45.65	ALLEN BURGOYNE	AUS	2:30.60	LUIGI DAVOGLIO	ITA	7:12.87	GEORGE ONION	GBR
1:44.63	JERRY SIEFERT	USA	50 M.	BACK		2:54.26	NOBUO USHIMI	JPN	50 M.	BRST	
1:46.99	WERNER HAHN	GER	45.89	DAVE MARLBROUGH	USA	2:58.50	D LEATHERMAN	USA	56.99	HANS PAUL	GER
1:47.08	ROYSTON ROMAIN	GBR	45.99	R. REINSTADTLER	GER	200 M.	FLY		58.39	JIM PENFIELD	USA
1:48.20	JOSEF PREINER	GER	49.40	MASAO UEDA	JPN	5:19.05	JESSE COON	USA	58.65	DAN DOTTERWEICH	USA
1:48.89	BRUD CLEAVELAND	USA	49.69	SHOGORO AZUMA	JPN	100 M.	I. M.		1:02.29	REINHOLD ZOEGE	GER
200 M.	I. M.		49.99	HANNE SCHWARZ	GER	1:49.09	R. REINSTADTLER	GER	1:03.66	KENOSUKE KOYAMA	JPN
3:30.11	ALDO DA ROSA	USA	49.99	WERNER RASCH	GER	1:58.49	WALTER STEEB	GER	1:03.98	FRANK GRIFFITHS	AUS
3:33.53	NORRIS FLUKE	USA	51.86	WOODROW BOWERSOCK	USA	1:58.96	RYOSUKE YAMAZAKI	JPN	1:08.28	CHESTER KOZLOWSKI	GBR
3:43.33	PAUL KRUP	USA	53.40	PASQUALE PIZZI	ITA	2:03.81	WOODROW BOWERSOCK	USA	1:19.61	JIRO HIRAYAMA	JPN
3:45.24	Y. MIYAMOTO	JPN	53.53	WILLIAM GRANT	USA	2:03.89	WILLIAM GRANT	USA	1:23.74	GUS LANGNER	USA
3:57.49	JERRY SIEFERT	USA	53.94	CECIL BOND	AUS	2:05.00	FRANK GRIFFITHS	AUS	1:49.45	DON NEEFE	USA
4:04.21	GEORGE RAFTER	USA	100 M.	BACK		2:13.20	LUIGI DAVOGLIO	ITA	100 M.	BRST	
4:04.41	NELSON OTIS	USA	1:44.09	R. REINSTADTLER	GER	2:14.99	HUGO-EDUARD ERNEN	GER	2:09.33	DAN DOTTERWEICH	USA
4:04.48	TOKUJI YONEDA	JPN	1:52.91	DAVE MARLBROUGH	USA	2:15.46	BERT KASELL	USA	2:24.19	JIM PENFIELD	USA
4:16.25	KISABURO WADA	JPN	1:53.09	HANNE SCHWARZ	GER	2:24.56	ROY HODGES	GBR	2:39.55	CHESTER KOZLOWSKI	GBR
4:16.27	ROGER CHAMBERLAIN	USA	1:56.60	SHOGORO AZUMA	JPN	200 M.	I. M.		2:41.10	REINHOLD ZOEGE	GER
400 M.	I. M.		1:57.29	CECIL BOND	AUS	5:12.62	JESSE COON	USA	2:59.74	GUS LANGNER	USA



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

Table with 4 columns: Rank, Name, Country, Time. Lists top 10 swimmers for various age groups (e.g., 50 M. FLY, 1:04.19 FRANK GRIFFITHS AUS) and relay events (e.g., RELAYS: WOMEN 200 M. FREE).



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

DIANE HOTZ CATHY NEVILLE JUDY NELSON CITY OF BRADFORD GBR 2:17.40	HECK TAKATSUKI JPN 3:02.60 MIE OHNO KAZUMI KUMATA TAEKO IKEDA TEIKO ONO	JEAN SCHNORBUS CRONULLA SUTHER AUS 3:52.44 NANCY ROWE EMILY WATSON BARBARA ROSE PHYLLIS HALL	CRIS WILLIAMS JOHN BLACK THOMAS PEEK BARNET COPTHALL GBR 1:40.50
LARVIK SK NOR 2:17.50	TENERIFE ESP 3:03.85 ENCARNACION MISA CONCEPCION MISA PALOMA MOLINERO MERCEDES REY	PNA USA 4:07.40 MAXINE CARLSON PATRICIA DOTSON MARION MUELLER PAT MATTHIESEN	NOTTINGHAM GBR 1:40.90
C.L.A.M.S. GBR 2:17.69	OAHU KIOICHO JPN 3:04.72 CHIEKO TOKUDA HIROKO MOROOKA YASUKO YOSHIDA TOSHIKO SHIMIZA	ISETAU SC JPN 4:20.34 KIYO SHIMAMURA HATSUKO SANTO TOMOKO ASHIZAWA HIROKO OKAMOTO	ST PETE USA 1:41.38 TIM MCGINNIS J.T. SALOMON WILLIAM SPECHT BRIAN VAILE
HILLINGDON GBR 2:17.98	AGE 240-279 KASHIMA SC JPN 3:02.31 SUMIKO KOIZUMI KAZUKO NISHIZIMA TOKIKO OKUJIMA EIKO MORI	SAPPRO MST JPN 4:35.48 SUMIKO UCHIYAMA NAKA FUKUOKA SUMIKO KUJI FUMIKO OBATA	CAMPHILL GBR 1:41.51
ROCHDALE GBR 2:18.43	NARA SC JPN 3:05.73 KIYOKO NAKAZIMA SACHIE HIRAO YUMIKO URAGAMI TOSHIKO MORAKAMI	OAHU KIOICHO JPN 4:53.01 YOSHIKO WATANABE SHIZUKO KOYOSAWA HIDEKO MORI AYAKO TAKADA	ORLM USA 1:41.64 M.T. SHEPARDSON L.J. MEISENHEIMER H.(III) A.BRINKER C.D. MILTENBERGER
ORLM USA 2:20.44 DEBRA HANSON EILEEN HARTLE ROSALIE CRETIN HEATHER O'BRIEN	HECK TAKATSUKI JPN 3:07.85 KEIKO FUJIMOTO KAZUKO KAMISUNA HIDEKO NAITO YASUKO NAKANISHI	MANLY AUS 4:55.46 ZENA LASSERRE RUTH BEATTIE EILEEN PRICE LILLIAN JOHNSON	CITY OF LEEDS GBR 1:42.19
AGE 160-199 SAN DIEGO SWIM USA 2:22.34 BETSY JORDAN KARLYN PIPES BARBARA DUNBAR MARILYN AS FINK SPENCER GBR 2:24.67	KIBOGAOKA SC JPN 3:08.09 KUNIKO ISHII SHIZUE TOYAMA MASAE KURATA CHIEKO URANO	AGE 320-359 ST PETE USA 4:55.62 F.E. CICHANSKI WIN KENNEDY KAY SCHIMPF M.B. MCKECHNIE	BOROUGH OF KIRK GBR 1:44.39
DARLINGTON GBR 2:25.14	SAN DIEGO SWIM USA 3:15.58 DIANA SILVA ALICIA COLEMAN BETSY JORDAN R.I. TURCOTTE	RELAYS: M E N 200 M. FREE ***** AGE 100-119 BAYLOR/L STAR USA 1:36.15 GREG RHODENBAUGH ROBERT KILLEEN BOBBY PATTEN MOOK RHODENBAUGH	ROCHFORD GBR 1:44.47
BARNET COPTHALL GBR 2:27.42	OAHU KIOICHO JPN 3:16.43 CHIEKO TOKUDA HIROKO MOROOKA NORIKO YATSUNAMI MACHIKO SAKAI	BARNET COPTHALL GBR 1:36.65	AGE 160-199 MOTHERWELL GBR 1:45.22
E.A.S.T. GBR 2:31.78	HAPPY SS JPN 3:25.14 TOSHIE TOYOKAWA NORIKO NISHIKAWA SHIZUKO SHINOMIYA KIMIKO NAGAO	B&G SC JPN 1:40.10 RYO TAGUCHI YASUAKI HIRUMA TADASHI KATO TAKENORI SUZUKI	HEIWAJIMA JPN 1:47.65 BRENT BARNS NIRUSU PVETTO ZENJI NISHIZAWA SAKUO ISHIKAWA
EMPIRE STATE USA 2:31.83 JANE KATZ JILL FRIEDMAN FRAN HARE KAREN FARNSWORTH	OAHU KIOICHO JPN 3:28.69 TOSHIKO KATO NUMIKO YANAGINAWA TSUYUYO TANAKA NORIKO YANAMI	HAKUYO JPN 1:41.02 SATORU ISHIZAKI TAKUYA NAKAZIMA KAIWAY MARK HIRONORI OKOMURA	SPENCER GBR 1:48.10
HECK TAKATSUKI JPN 2:34.57 NOBUKO NITTA YOSHIO BABA MIKIKO YONEZAWA MICHIKO OHTO	C.N.BARCELONA ESP 3:33.36 E.HERBOLZHEIMER MONTSE CUNILLERA ROSER CAPDEVILA ANA BOFARULL	CITY OF CHESTER GBR 1:41.17	OTTER GBR 1:48.72
ROCHFORD GBR 2:37.45	RAKUSUIKAI JPN 3:35.84 KAZUKO YOSHIMOTO AKIKO NISHINO HIROKO TANIGUCHI EIKO KATSUMATA	ROMILEY GBR 1:41.24	CITY OF CHESTER GBR 1:48.73
BRACKNELL GBR 2:38.55	AGE 280-319 HOLMES LUMBER USA 3:30.93 JUNE REYNOLDS GERTRUD ZINT FLORENCE CARR JEAN BEERS	EGUZASU SHIMOKI JPN 1:41.27 KATSUHISA HIRATA NOYA SATO RYOSUKE SUGIE SCOTT DREHANTY	BS-LK NOR 1:49.59
ITOMAN NARA JPN 2:39.04 MICHIKO KITAMURA YOSHIKO OKUTOMI YUMI NONOSHITA MASAKO NAKAMICHI	ST LOUIS USA 3:43.35 EDITH HENDRY DORIS PETERS CAROL TAYLOR	HERLEV DEN 1:41.47	JSS KOCHI JPN 1:50.27 TETSUYO YOKOYAMA HIROSHI NAKAMURA SUSUMU UEMORI JAN NAKAI
AGE 200-239 KSO NEYAGAWA JPN 2:43.97 HARUMI ISHIKAWA KIYOKO MORIMOTO KUMIKO GOTOU NOBUKO YASUDA		DRAGOR DEN 1:41.74	OAHU KIOICHO JPN 1:50.76 YUKIO OHTANI A.KOBAYAKAWA Y.YAMASHITA ROWDY GAINES
CAIRNS MUD CRAB AUS 2:48.86		AALBORG DEN 1:42.34	SOSHIGAYA JPN 1:51.25 TAKASHI SUZUKI TORU SAKAZUME Y.NISHIHARA HIROYUKI AMASAKI
LEISURE COAST AUS 2:53.57 JUNE GRANZIERA ROBIN HENZE LYN MAY JILL COOK		AGE 120-159 IL VARG NOR 1:39.34	ROCHFORD GBR 1:51.72
LYNGBY DEN 2:55.78		HOLMES LUMBER USA 1:39.49 JACK MCKEAN	AGE 200-239 YORK CITY BATHS GBR 1:50.40
SENDAI SS JPN 2:56.89 HIROKO OHKOSHI RYOKO SAITO MICHIKO MIYAZAKI MASAE TOYOSHIMA			SPENCER GBR 1:52.85
DARLINGTON GBR 2:58.68			SOUTHPORT GBR 1:56.00
COOGEE-RANDWICK AUS 2:59.60 GERGAYNIA SHELLEY BETTY STERN ANTHEA FISHER MARGARET WILBY			VSA HIRAKATA JPN 1:58.49 MASAHIKO TAKEMURA HIROSHI KOJIMA KUNIHITO SATO TAKEKAZU KODEYA



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

AKIO IRIE			SPACE HAMAMATSU JPN	2:46.75	TAKASHI SAEKI			PAUL HUTINGER			
YOSHIE MINAMI			MIKIO FUZUIWARA		MASAKAZU KANEKO			PETER BETZER			
WATTFORD	GBR	2:00.71	HIROSHI ITO		HIROFUMI TOHNO			THOMAS SMITH			
JSS KOCHI	JPN	2:01.71	KOMEI AOSHIMA		ROCHFORD	GBR	1:56.88	HAROLD FERRIS			
K.NISHIUCHI			TOKUSHI YONEDADA		HAKUYO	JPN	1:57.79	OTTER	GBR	2:26.60	
KAZUO TAKAJASHI			MANLY	AUS	2:48.38	TERRY KELLY		JSS KOCHI	JPN	2:28.22	
YASAHIRO MIYOSHI			TERRY KELLY		JOHN COMYNS			YASUKICHI MYOJIN			
JUNJI HAMADA			ARNO KLINGENBERG		BILL JONES			YASUJIRO TAKEGAKI			
MANLY	AUS	2:02.43	IBARAKI SC	JPN	2:52.17	YUKIO TAMURA		YASUHIRO MIYOSHI			
BILL HARRIS			YUKIO TAMURA		AGE 160-199			FUJIO MYOJIN			
JOHN VIDAL			SHOICH HAYASAKI		MOTHERWELL	GBR	1:57.48	IWATA CULTURE	JPN	2:35.70	
IAN DODD			KENZO UEMURA		EMPIRE STATE	USA	1:59.59	YASUHIRO MIYOSHI			
STEPHAN LAMY			R.FUKUYAMA		BOB KOLONKOWSKI			NORIO YOSHIDA			
HALDEN SK	NOR	2:03.00	LONG BEACH MAST USA	3:05.22	MATTHEW CLARK			AKIRA OHBA			
AGE 240-279			WOODROW BOWERSOCK		CRAIG SAINT-AMOUR			YUJI SUZUKI			
KUKO SS	JPN	2:01.12	DON NEEFE		JOHN NEEDHAM			ROYAL NAVY	GBR	2:35.83	
SHOWA TAKEMOTO			JOHN GLENN		JSS KOCHI	JPN	2:00.29	TACHIKAWA SUIKY	JPN	2:37.01	
AKIHIKO YABE			EMILE ACHEE		SUSUMU UEMORI			TSUTOM MIYAUCHI			
TSUTAE IWAGO			AS KURE	JPN	3:07.85	HIROSHI NAKAMURA		MAKOTO KOMAUO			
NOBUMASA YAMASAKI			MITSUO TAMARI		S.NAKAMURA			SUEO YAMAGUCHI			
OTTER	GBR	2:08.32	TOKUO KISHIMOTO		TETSUROU YOKOYAMA			KAZUO SEKI			
SAN DIEGO SWIM	USA	2:10.38	YASUTO YAMAMOTO		JUN NAKAI			DURHAM LIGHT	NZL	2:38.76	
BILL EARLEY			AGE 320-359		CITY OF CHESTER	GBR	2:01.45	KEN WOODS			
JOHN GOODE			LONG BEACH MAST USA	3:04.75	ROCHFORD	GBR	2:03.18	TOM LOGAN			
WILLIAM PHILLIPS			BRION WINSHIP		SPENCER	GBR	2:03.92	TOM COWDELL			
DONALD BAKER			JOHN GLENN		BS-LK	NOR	2:04.09	TOM BRERETON			
OL	NOR	2:13.12	DON NEEFE		OTTER	GBR	2:04.22	SAN DIEGO SWIM	USA	2:41.44	
JSS KOCHI	JPN	2:16.87	WOODROW BOWERSOCK		GATESHEAD	GBR	2:04.42	JOHN GOODE			
FUJIO MYOJIN			*****		CITY OF CHESTER	GBR	2:04.84	LLOYD SKRAMSTAD			
YASUKICHI MYOZIN			RELAYS: M E N 200 M. MEDLEY		AGE 200-239			DONALD BAKER			
YASUO NISHIKAWA			*****		SPENCER	GBR	2:06.92	KENNETH KIMBALL			
AKIRA TAKAROGI			AGE 100-119		YORK CITY BATHS	GBR	2:07.88	SPACE HAMAMATSU	JPN	2:41.46	
NAS FUNABASHI	JPN	2:17.33	BARNET COPTHALL	GBR	1:48.93	OTTER	GBR	MIKIO FUJIWARA			
HIROSHI NAITO			CITY OF CHESTER	GBR	1:49.60	GATESHEAD	GBR	HIROSHI TANAKA			
TADAYUKI ISHIGAMI			DRAGOR	DEN	1:54.30	CITY OF CHESTER	GBR	MAKOTO MATSUMOTO			
HIROAKI TORII			AALBORG	DEN	1:54.31	AGE 280-319		TOKUSHI YONEDA			
SABURO IWASAKI			LAMBERTSETER	NOR	1:54.70	SHUEI	JPN	2:35.39			
ORLM	USA	2:17.86	ROCHFORD	GBR	1:54.88	GORO TANIGUCHI		GENICHI SUZUKI			
JORGE LENSE			URAWA SC	JPN	1:54.90	KEIICHI TOKUNAGA		SHUICHI MURAYAMA			
N.H. SKJERSAA			HIROSHI KASAI		WARRINGAH	AUS	2:11.60	SHUEI	JPN	2:35.93	
JIM CONGER			USHIO TOOI		BRIAN HAYES			GORO TANIGUCHI			
GUY MCCANN			Y YASUHIRO		COLIN WATSON			HIROMU YOSHIMOTO			
TACHIKAWA SUIKY	JPN	2:18.03	TSUBASA KATO		PETER JACKSON			KEIICHI TOKUNAGA			
JUNJI MONJYAKU			HILLINGDON	GBR	1:55.50	DAVID ROSS		KEIJIRO NAKAMURA			
TSUTOMU MIYAUCHI			HERLEV	DEN	1:55.89	FUJI DC	JPN	2:13.13	HOLMES LUMBER	USA	2:56.81
SUEO YAMAGUCHI			ROMILEY	GBR	1:55.98	KISHIO TANAKA		F.H. TILLOTSON			
KAZUO SEKI			AGE 120-159		OSAMU KUMAGAI			BRUD CLEAVELAND			
ROYAL NAVY	GBR	2:18.27	BARNET COPTHALL	GBR	1:50.61	HITOSHI KATO		TELFAIR MAHAFFY			
DURHAM LIGHT	NZL	2:18.78	BOROUGH OF KIRK	GBR	1:52.24	SAN DIEGO SWIM	USA	RICHARD AVERY			
TOM LOGAN			CITY OF CHESTER	GBR	1:52.68	BILL EARLEY		TWIN TOWN SERVI	AUS	3:07.58	
TOM BRERETON			NOTTINGHAM	GBR	1:52.74	PETER RIDDLE		OTTER	GBR	3:11.49	
TOM COWDELL			IL VARA	NOR	1:54.61	DARRELL RUCKER		SAPPORO MST	JPN	3:13.26	
KEN WOODS			ST PETE	USA	1:54.98	J STEPHEN MOSELEY		RYOSUKE YAMASAKI			
AGE 280-319			J.T. SALOMON		AGE 240-279			ARSUSHI OHURA			
SHUEI	JPN	2:11.55	BRIAN VAILE		KUKO SS	JPN	2:16.56	YASUO MASUKI			
KEIJIRO NAKAMURA			WILLIAM SPECHT		AKINIKO YABE			MICHIO YAMAMURA			
EISAKU HAYASHI			TIM MCGINNIS		NOBUMASA YAMASAKI			MANLY	AUS	3:14.02	
ISAMU TAMURA			HILLINGDON	GBR	1:55.74	SHOWA TAKEMOTO		ARNO KLINGENBERG			
SHUICHI TOKUNAGA			OSAKA SUIEI GAK	JPN	1:56.85	TSUTOE IWAGO		JAMIE JENKINS			
OAHU TSUNASHIMA	JPN	2:25.93	NAOJI TSUJIMOTO		ST PETE	USA	2:23.88	DEREK EDWARDS			
MASAO UEDA								JOHN COMYNS			
SHIGERU MIYA								OAHU TSUNASHIMA	JPN	3:19.10	
EIJI HAYAMA								MASAO UEDA			
TAKAHIKO NOMA								SHIGERU MIYA			
OTTER	GBR	2:32.51						EIJI HAYAMA			
SETAGAYA	JPN	2:36.49						TAKAHIKO NOMA			
KINEO MATSUDA								OHSAKA SEAHORSE	JPN	3:37.70	
NORIO WATANABE								MASAOKI MATSUDA			
YASNO ARIMA								H.KATSUMATA			
YASUO MIGITE								TERUO MATSUDA			
TWIN TOWN SERVI	AUS	2:39.56						KENJI HANEUMA			
								WARRINGAH	AUS	4:01.81	



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

LES BULLEN	TISH OLEKSY	TOSHIO HARADA		
JACK CAREY	TIM MCGINNIS	MICHIGAN USA	2:18.08	AGE 280-319
JOHN SHERIDAN	FUJIIIDERA FP JPN	BEVERLY MYERS		HOLMES LUMBER USA
DAN GAHA	1:53.98	FREDERICKA RAPP		RICHARD AVERY
		DONALD KROEGER		GERTRUD ZINT
AGE 320-359		MASUMI YAMAMOTO		FLORENCE CARR
LONG BEACH MAST USA		THOMAS MOYER		BRUD CLEAVELAND
4:04.37		FUTABA SC JPN	2:19.15	SAN DIEGO SWIM USA
LIONEL PEREIRA	NO. JEFFCO USA	H. KAWAGUCHI		2:50.31
JOHN GLENN	1:54.27	MIDORI OCHI		JERRY SIEFERT
WOODROW BOWERSOCK	KATHY GARNIER	HIROKO HANAFUSA		C. B SUNDERLAND
DON NEEFE	KARLA SEAY	RYO HARADA		DIANA SILVA
*****	BOB TVEITMOE	HIMEJI SS JPN	2:19.69	R. I TURCOTTE
*****	ARNIE DOWD	HIROSHI NODA		ST LOUIS USA
RELAYS: MIXED 200 M. FREE	DE AALSCHOLVER NED	YOKO MATSUDA		2:54.56
*****	1:54.90	KAZUYO YAMATO		ANNALOU CARRIER
*****	MARIJKE LE LOUX	YOSHIKAZU OKADA		DORIS PETERS
AGE 100-119	MARJA ENGEL	OAHU KIOICHO JPN	2:20.72	DON SERY
VARA	SJAAK BROEK	MEIJI KOBAYAKAWA		ROBERT BLAKE
	MARCUS GHARBI	CHIEKO TOKUDA		SAPPORO MST JPN
	1:49.79	YASUKO YOSHIDA		3:01.72
SAN DIEGO SWIM USA	MOUNTAIN VIEW USA	RYUICHI ICHIKAWA		RYOSUKE YAMASAKI
1:51.07	1:57.01	SAN DIEGO SWIM USA	2:20.98	FUMI MURATA
JAY GOLDSCHMIDT	ANDREW PETERS	J STEPHEN MOSELEY		YOSHI HIRAI
KARLYN PIPES	CHRIS CAMPBELL	BETSY JORDAN		TADASHI HIRATSUKA
DIANNE GLEASON	JULIE PAQUE	BILL EARLEY		MANLY AUS
ALAN VOISARD	LISA AKERMAN	SALLY KARRASCH		3:03.08
AALBORG DEN		HAKUYO JPN	2:21.91	ZENA LASSERRE
1:52.60		TOSHIFUMI UHARA		TERRY KELLY
ORLM USA	AGE 160-199	KIMIKO YOSHINAGA		JAMIE JENKINS
1:52.68	PALMETTO MASTER USA	CHIYOKO KIRIHARA		LILLIAN JOHNSON
BARRY CRETIN	1:58.02	TOSHIKI OGATA		TWIN TOWN SERVI AUS
DEBRA HANSON	JAN PESAVENTO			3:05.40
K. R. BRUNER-RAINEY	KATIE MCNAMARA	AGE 240-279		RINCONADA USA
PAUL ROBINSON	HUGH WILDER	ETTALONG AUS	2:24.85	ALDO DA ROSA
AGF DEN	JOE SHAKE	KEVIN VICKERY		KATHERINE BAILEY
1:53.08	CLUB NAGI ESP	FRED ELSOM		C. FAIRCHILDS
	1:58.09	PAM HUTCHINGS		NAN BLACKLEDGE
PEOPLE URAWA JPN	JOSEF CIURO	PENNEY DUNN		LONG BEACH MAST USA
1:53.30	SONIA VIVES	COOGEE-RANDWICK AUS	2:30.53	3:09.55
SHIZU UEKI	DOLORS ESPARZA	BETTY STERN		EMILE ACHEE
YUKINOBU UCHIMURA	JAIME COTS	MARGARET WILBY		LOUIS GIBERSON
KAORU SHIRAIISHI	JSS KOCHI JPN	JIM HARVIE		MADELEINE MILLER
KIMIHISA MIYAKENO	2:02.51	CHUCK HAHN		MAXINE MERLINO
HOLMES LUMBER USA	HIROSHI NAKAMURA	HEKKU TAKATSUKI JPN	2:31.40	SHIYAWASENOMURA JPN
1:53.97	JAN NAKAI	YASUKO YOKOI		3:13.43
JOHN BLACK	HATSUE TSUTSUMI	HIDEKO NAITO		TOYOSHIRO YAMADA
SARAH WILLIAMS	HIROKO DOI	MANABU OCHI		HISAKO MATSUMOTO
KATHY STEELE	RINCONADA USA	RYOJI FUJIMOTO		FUMIKO TERAI
WALTER STEELE	2:02.66	KASHIMA SC JPN	2:33.07	KENJIRO TAMURA
WEST COAST AQUA USA	FRED FARLEY	KIYOTANE FUKUDA		HOLMES LUMBER USA
1:54.71	KATHERINE BASS	TOKIKO OKUSHIMA		3:17.65
LISA KIM	REBECCA PINTO	T. KISHIMOTO		TELFAIR MAHAFFY
MELISSA LUM	JOHN SELMER	EIKO MORI		JUNE REYNOLDS
DAVID DOUR	FUJI DC JPN	CRONULLA SUTHER AUS	2:39.49	F. H. TILLOTSON
GERALD BADDING	2:02.81	SHIRLEY GOODBURY		RACHEL ERWIN
OAHU KIOICHO JPN	RUMIKO OHKUSHI	NANCY ROWE		AGE 320-359
1:55.51	KURUMI MATSUBARA	RUSSELL THOMPSON		SAN MATEO USA
KYO BANDO	SEIICHI TACHIBANA	NEIL STENHOUSE		3:51.48
MITSUKO KAWATA	HITOSHI KATO	SAN DIEGO SWIM USA	2:39.54	HELEN ROUMASSETT
AKIKO KAWATA	AALBORG DEN	LLOYD SKRAMSTAD		HILDA BUEL
MASAHITO SASAKI	2:03.14	ADRIENNE PIPES		JOE KAUFMAN
HAKUYO JPN	HERMES DEN	MARY SPENCER		WALT WELLS
1:55.53	2:03.82	WILLIAM PHILLIPS		*****
NOBUYUKI KITAHARA	BSC NOR	HAKUYO JPN	2:39.93	RELAYS: MIXED 200 M. MEDLEY
KIRIKO MINOSHIMA	2:03.88	TOSHIMI INATOMI		*****
YAYOI MIZUTANI	KVIK DEN	SUMIYO YASUMOTO		AGE 100-119
TOSHITAKA OGIWARA	2:04.08	SACHIHO SATO		LAMBERTSETER NOR
		TOSHI TOSHIMA		2:03.90
AGE 120-159	MANLY AUS	SAPPORO MST JPN	2:40.39	AALBORG DEN
HOLMES LUMBER USA	2:04.41	KAZUKO WASHIZU		2:06.94
1:47.96	IAN DODD	YASUO MASUKI		SAN DIEGO SWIM USA
JACK MCKEAN	STEPHEN LAMY	SUMIKO KUJI		2:07.04
SUDI MILLER	SUR KEARNEY	ATSUSHI OHURA		KARLYN PIPES
GINA AGUILAR	MAUREEN KEARY	HALDENS SK NOR	2:41.40	ALAN VOISARD
CRIS WILLIAMS		WALNUT CREEK USA	2:42.64	ERIC NEILSEN
INVERNESS USA	AGE 200-239	DONNA MONROE		DIANNE GLEASON
1:50.54	JSS KOHCHI JPN	MIKE MILLIMAN		PEOPLE TOKOROZA JPN
RUSS MARSH	2:14.29	JAE HOWELL		2:09.34
CHIP ELLIS	TETSUYO YOKOYAMA	FRED TRASK		KAORI ANATO
SHELLE BOTTA	FUJIO MYOJIN			TSUYOSHI UCHIDA
ELLEN ATKINSON	YOKO NAKATA			YURIKO KASHIMA
ROMA NOR	JUNKO SATO			YOSHIHIRO AOKI
1:51.18	TEA TREE GULLY AUS			ORLM USA
	2:14.45			2:09.92
AALBORG DEN	LOS ALTOS USA			PAUL ROBINSON
1:53.00	2:15.94			C. C. KIRSTEN
LONG BEACH SWIM USA	TOM BOAK			F. CHARMFOROOSH
1:53.43	KRISTINA KING			M. A. KELLER
BERT BERGEN	JAY CRADDOCK			ESPO JPN
MICHAEL HEATHER	KAMRIN DESMOND			2:10.01
LUCY JOHNSON	FUTABA SC JPN			
S MUNATONES	2:17.33			
ST PETE USA	RYUZO KAWAMATA			
1:53.52	HIROKO HANAFUSA			
BRIAN VAILE	KUMIKO ODA			
LISA FLANAGAN				



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 1993

SHINYA SUZUKI YUMIKO SUZUKI K.KOMATSUSHIRO YOSHIO IKENO AGF DEN 2:10.46	MARIANO LUNA CARMEN SAGASTI ANGEL CUEVAS SUSANA CAMPIGLI BSC NOR 2:17.56	KEVIN VICKERY PENNEY DUNN SAN DIEGO SWIM USA 2:56.74 BETSY JORDAN GORDON GILLIN DONALD HUBBARD R.I TURCOTTE SAN DIEGO SWIM USA 2:57.64 MARY SPENCER LLOYD SKRAMSTAD ADRIENNE PIPES WILLIAM PHILLIPS SPACE HAMAMATSU JPN 2:58.10 TOKUSHI YONEDA MIKIO FUJIWARA YOKO HASEGAWA TAEKO TERUI SAPPORO MST JPN 3:00.02 YASUO MASUKI ATSUSHI OHURA SUMIKO KUJI KAZUKO WASHIZU GREVE/TUNE DEN 3:00.80	RICHARD DANIEL CLAIRE ROACH AGE 320-359 LONG BEACH MAST USA 4:51.08 BRION WINSHIP MAXINE MERLINO MADELEINE MILLER DON NEEFE
AQUATIC MASTERS NZL 2:11.47 ANGELA BONNEY MILAN YELAVICH ANDREA DARBY PETER MCMAHON HEARTLAND SWIM USA 2:11.92 VICKY DAVIDSON REBECCA JACKMAN RANDALL EICKHOFF BRIAN COLETY RIBBON SHIZUOKA JPN 2:12.34 H.YAMAINOTO HIROSHI RACHI CHIHO FUJIWARA AKI KAWAMOTO	COOGEE-RANDWICK AUS 2:18.77 GERGAYNIA SHELLEY PAUL WYATT MARGARET WILBY RUSSELL VANCE AALBORG DEN 2:20.43 HOLMES LUMBER USA 2:23.00 BILL PILLMORE KATHRYN WINE MARK EBEL C.J. APICELLA KVIK DEN 2:23.22 HERMES DEN 2:25.03 WARRINGAH AUS 2:25.32 JANET FAIRLEY LINDY KENNIWELL BRIAN HAYES NEIL HUGHES	MANLY AUS 3:01.99 LIX WALLIS ALAN CAMERON PAT BERGE BARRY BARKER ST PETE USA 3:04.47 PAUL HUTINGER ABRASHA BRAININ MARGIE HUTINGER SANDY STEER CAIRNS MUD CRAB AUS 3:04.56 AGE 280-319 MANLY AUS 3:04.69 LIZ WALLIS JOHN VIDAL JAMIE JENKINS LILIAM JOHNSON SAN DIEGO SWIM USA 3:10.37 DIANA SILVA TOM DOWELL ALICIA COLEMAN JERRY SIEFERT HOLMES LUMBER USA 3:12.68 RICHARD AVERY GERTRUD ZINT FLORENCE CARR BRUD CLEVELAND SAPPORO MST JPN 3:22.28 YASUO MASUKI FUMI MURATA SUMIKO KUJI RYOSUKE YAMASAKI SHIAWASENOMURA JPN 3:48.93 HISAKO MATSUMOTO KENJIRO TAMURA TOYOSHIRO YAMADA FUMIKO TERAJ TWIN TOWN SERVI AUS 3:51.16 HOLMES LUMBER USA 3:55.92 F.H. TILLOTSON RACHEL ERWIN TELFAIR MAHAFFY JUNE REYNOLDS ADELAIDE AUS 4:16.84 WEST SUBURBS AUS 4:53.25 GRACE HACKETT BERNIE BUSST GEORGE STEWART FAY COOK BOLT USA 4:54.97 LOUISE OFFNER MIKE OFFNER	
AGE 120-159 HOLMES LUMBER USA 2:03.30 SUDI MILLER JACK MCKEAN GINA AGUILAR CRIS WILLIAMS ST PETE USA 2:06.08 BRIAN VAILE LISA FLANAGAN WILLIAM SPECHT TISH OLEKSY ORLM USA 2:06.30 H.A. BRINKER C.D. MILTENBERGER HEATHER O'BRIEN EILEEN HARTLE DE AALSCHOLVER NED 2:06.42 MARJA ENGEL MARIJKE LE LOUX SJAAK BROEK MARCUS GHARBI TSLK NOR 2:07.90 LONG BEACH SWIM USA 2:10.27 MICHAEL HEATHER BERT BERGEN VERONICA HIBBEN LUCY JOHNSON AALBORG DEN 2:11.48 PARRIS ISLAND USA 2:12.37 ERIC NORDLUND ALAN GREENWOOD PAM DRAFTS JULIE WARNER ORLM USA 2:12.60 J.L. VAN DER MOLEN MICHEAL MINYON K.R. BRUNER-RAINEY L.J. MEISENHEIMER PSV NED 2:12.73 ANNIE SMITS SASKIA MINNEN ERIC VAN DARTEL HAROLD MATIA AGE 160-199 CLUB NAGI ESP 2:11.18 JAIME COTS DOLORS ESPARZA JOSEP CIURO SONIA VIVES PALMETTO MASTER USA 2:11.88 JAN PESAVENTO HUGH WILDER KATIE MCNAMARA JOE SHAKE E.M.EL OLIVAR ESP 2:12.78	AGE 200-239 HALDENS SK NOR 2:27.49 SAN DIEGO SWIM USA 2:27.98 BETSY JORDAN PETER RIDDLE BILL EARLEY SALLY KARRASCH LAKESIDE USA 2:29.55 WILLIAM TINGLEY CAROL FERGUSON JOHN NOLAN MARY ANN STONE LEISURE AUS 2:30.76 BOB BARRY ROBIN HENZE LYN MAY EDDIE MARTIN DAC USA 2:35.85 MARSHA HENIG BOB PATTEN HEIDI BOESTLER BOB BRUNER TEA TREE GULLY AUS 2:37.62 TOWNSVILLE AUS 2:38.19 HIMEJI SS JPN 2:38.26 KAZUYO YAMATO YOSHIKAZU OKADA HIROSHI NODA YOKO MATSUDA RALEIGH AREA USA 2:40.52 CEIL BLACKWELL C.LEBOURGEOIS ALICE JONES PHIL EISENHART DURHAM LIGHT NZL 2:42.66 SID SALEK TOM COWDELL LYNNETTE HYNDS LIZ CALVERT AGE 240-279 GOLD COAST USA 2:41.97 MARGARET TIMMINS ANNE MCGUIRE HERB KERN DON SONJA ETTALONG AUS 2:47.93 PAM HUTCHINGS FRED ELSOM		