



## FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993

*****											
WOMEN 25-29											
*****											
50 M. FREE		1:09.90	TRICIA ZORN	USA	2:38.37	YOSHIKO NAKADA	JPN	9:48.69	BETH KNIGHT	USA	
27.89	MARJA ENGEL	NED	1:10.14	CARMEL CLARK	NZL	2:40.36	TRACY PECK	USA	9:51.10	LEISSA MILLS	USA
28.12	FERNANDA SANTOS	BRA	1:10.68	HEIKE DEURING	GER	2:40.79	MICHELLE CHOW	USA	9:56.40	TANJA ENGELS	GER
28.20	SASKIA VAN MINNEN	NED	1:10.77	VICKY DAVIDSON	USA	2:41.28	BRIDGET YOUNG	GBR	9:56.52	ANNELIES KRAUS	GER
28.21	AIMEE LEHR	USA	1:11.89	TORI SMITH	USA	2:41.73	UTE PETERS	GER	9:59.52	H. VAUGHN-EDMONS	USA
28.29	STACY JONES	USA	1:12.32	AMY KNOTT	USA	200 M. I.M.			10:03.58	ELLEN FERGUSON	USA
28.30	KIKI MYHRBRO	NED	1:12.80	DANIELA HENKE	GER	2:31.85	FERNANDA SANTOS	BRA	10:05.10	AMY POPE	USA
28.49	SYLVIA BUXTON	CAN	1:12.81	JUDITH HUPP	USA	2:33.17	SARAH GARRETT	GBR	1500 M. FREE		
28.49	CORNELIA BLEUL	GER	200 M. BACK			2:34.15	STACY JONES	USA	18:10.28	BETH KNIGHT	USA
28.49	DOROTHEA PIELKE	GER	2:30.80	HIROKO TAKUWA	JPN	2:34.96	BEATE SCHOLTYSSSEK	GER	18:27.59	PENNY BOND	AUS
28.49	BARBARA GOTKER	GER	2:33.65	CARMEL CLARK	NZL	2:35.78	HEIKE DEURING	GER	18:50.31	JOAN SMITH	USA
100 M. FREE		2:35.83	TORI SMITH	USA	2:37.50	CARMEL CLARK	NZL	18:51.61	AMY POPE	USA	
1:01.47	STACY JONES	USA	2:36.10	VICKY DAVIDSON	USA	2:37.64	MEEGAN SHERWOOD	AUS	19:00.72	MARGUERITE MEYER	USA
1:01.61	AMY KNOTT	USA	2:36.86	GLAUCIA LUNKMOSS	BRA	2:37.69	KAREN JACOBSON	USA	19:15.24	CLAIRE REABURN	AUS
1:01.63	AIMEE LEHR	USA	2:37.09	HEIKE DEURING	GER	2:37.69	CORNELIA BLEUL	GER	19:57.13	C.CHICHESTER	USA
1:01.88	AMY ROE	USA	2:38.64	COLLEEN PATTERSON	CAN	2:39.39	JANICE LESYNA	USA	20:03.60	DENISE WARE	USA
1:02.01	SASKIA VAN MINNEN	NED	2:38.89	JANICE LESYNA	USA	2:39.39	DANIELA HENKE	GER	20:07.14	HEIDI CHRISTENSEN	USA
1:02.48	VICKY DAVIDSON	USA	2:40.08	BIRGIT SAUER	GER	400 M. I.M.			20:24.80	PATRICIA ROHNER	USA
1:02.56	SYLVIA BUXTON	CAN	2:40.31	CHRISTINA DEKRAY	USA	5:33.86	KAREN JACOBSON	USA	50 M. BACK		
1:02.79	SARAH GARRETT	GBR	50 M. BRST			5:34.77	SARAH GARRETT	GBR	32.37	SABINE PREDIGER	GER
1:02.93	DANIELA HENKE	GER	34.09	SILKE HORNER	GER	5:38.64	CARMEL CLARK	NZL	32.68	CAREN MAHN	GER
1:02.99	BEATE SCHOLTYSSSEK	GER	34.76	S.SEMINATORE	ITA	5:40.11	REGINE KERN	GER	32.76	LINDLEY DOUGHTY	USA
200 M. FREE		35.50	ANNAICK SCHWEIZER	SUI	5:41.05	BEATE SCHOLTYSSSEK	GER	32.77	ANDREA DEBUONO	USA	
2:12.19	AMY KNOTT	USA	35.81	TAMARA GREWENOW	USA	5:42.08	CAROL MACINTYRE	GBR	32.95	JOLANDA DE ROVER	NED
2:15.37	KIKI MYHRBRO	NED	35.89	IRIS SCHLUTTER	GER	5:42.24	DENISE GEREGHTY	CAN	33.04	DAPHNE FUCHS	GER
2:15.99	BEATE SCHOLTYSSSEK	GER	36.12	FERNANDA SANTOS	BRA	5:42.25	SARA DEMYANOVICH	USA	33.28	CAROL GALIMBERTI	ITA
2:16.13	STACY JONES	USA	36.39	MARTINA GELHAR	GER	5:48.31	KIRSTEN GEORGE	GER	33.62	JOANNE ALLMAN	GBR
2:17.08	CAROL MACINTYRE	GBR	36.41	TOMOMI MIYAZONO	JPN	5:49.96	SHARON DONNELLY	CAN	33.97	CORNELIA EMBACHER	GER
2:17.49	SASKIA VAN MINNEN	NED	36.49	SUSANNE ENKE	GER				33.99	MONICA BAILEY	USA
2:18.12	ELKE HAGEDORN	GER	36.50	LAURA BELOTTI	ITA	*****					
2:18.27	VICKY DAVIDSON	USA	100 M. BRST			WOMEN 30-34					
2:18.44	S.PALMERWHITE	AUS	1:17.58	FERNANDA SANTOS	BRA	*****					
2:18.94	LIESA BENN	USA	1:18.29	ANNAICK SCHWEIZER	SUI	50 M. FREE			1:11.49	KARIN SEICK	GER
400 M. FREE		1:18.96	S.SEMINATORE	ITA	26.59	PASCAL VERBAUWEN	BEL	1:11.51	CAREN MAHN	GER	
4:37.42	LISA HAZEN	USA	1:19.49	SUSANNE ENKE	GER	27.63	BETH SCHEIMANN	USA	1:11.55	ANDREA DEBUONO	USA
4:44.69	AMY KNOTT	USA	1:19.79	IRIS SCHLUTTER	GER	27.70	KARIN SEICK	GER	1:11.95	LINDLEY DOUGHTY	USA
4:47.55	BEATE SCHOLTYSSSEK	GER	1:20.04	IRIS KIPAR-WIRGS	GER	28.31	CAROL OLSON	USA	1:11.95	JOANNE ALLMAN	GBR
4:48.14	CAROL MACINTYRE	GBR	1:21.04	TOMOMI MIYAZONO	JPN	28.32	CAROL GALIMBERTI	ITA	1:13.08	SALLY LIEBMANN	AUS
4:48.30	ELKE HAGEDORN	GER	1:21.35	SARAH GARRETT	GBR	28.39	CHRISTIANE PIELKE	GER	1:13.44	MAUREEN CAMERON	GBR
4:49.11	STACY JONES	USA	1:21.41	KAREN HEANEY	USA	28.77	CAREN MAHN	GER	1:13.89	ROSEMARIA MEYER	BRA
4:51.39	REBECCA FENSON	USA	1:21.42	RENATE CHRIST	GER	28.81	MARY GRACE HUBER	USA	200 M. BACK		
4:51.94	SIMONE MARTINS	BRA	200 M. BRST			28.87	BETH KNIGHT	USA	2:23.47	DAPHNE FUCHS	GER
4:52.17	DANIELA HENKE	GER	2:51.94	FERNANDA SANTOS	BRA	28.88	MARY BETH DUNLEVY	USA	2:29.22	JUDITH LALLIER	USA
4:54.03	C.FANZERES	BRA	2:53.30	IRIS KIPAR	GER	100 M. FREE			2:30.31	KARLYN PIPES	USA
800 M. FREE		2:53.90	SUSANNE ENKE	GER	58.01	PASCAL VERBAUWEN	BEL	2:30.45	KARIN SEICK	GER	
9:39.85	LISA HAZEN	USA	2:54.79	TOMOMI MIYAZONO	JPN	59.90	KARIN SEICK	GER	2:32.53	ANDREA DEBUONO	USA
9:48.30	ELKE HAGEDORN	GER	2:55.70	SUSANNE KUPER	GER	1:00.68	BETH KNIGHT	USA	2:35.55	SHELLA MORTELLI	USA
9:51.24	CAROL MACINTYRE	GBR	2:56.41	SUSANNE PURSCHKE	GER	1:01.13	BETH SCHEIMANN	USA	2:36.31	LYNN MARSHALL	CAN
9:52.29	C.FANZERES	BRA	2:56.77	KAREN HEANEY	USA	1:01.30	CAROL OLSON	USA	2:37.74	JOANNE ALLMAN	GBR
9:54.03	S.PALMERWHITE	AUS	2:57.44	SARAH GARRETT	GBR	1:01.56	REBECCA PERROTT	NZL	2:38.62	LINDLEY DOUGHTY	USA
10:05.07	SIMONE MARTINS	BRA	2:58.92	RENATE CHRIST	GER	1:01.91	C.WEINKOFSKY	USA	2:39.51	SALLY LIEBMANN	AUS
10:07.91	BEATE SCHOLTYSSSEK	GER	3:00.40	DENICE HOLMES	AUS	1:02.09	CHRISTIANE PIELKE	GER	50 M. BRST		
10:11.40	LISA SHEEPER	USA	50 M. FLY			1:02.73	INEKE HOND-RAN	NED	35.41	ALICIA BOSCATTO	ARG
10:17.20	JEANNETTE GOMOLKA	GER	29.63	CHRISTINE KOLLER	GER	1:02.97	SUSAN PORTER	USA	36.03	SOPHIE ITHIER	FRA
10:19.02	ANITA IRONS	USA	30.03	SYLVIA BUXTON	CAN	200 M. FREE			36.06	BETH SCHEIMANN	USA
1500 M. FREE		30.32	CHANTAL ROULEAU	CAN	2:10.19	KARIN SEICK	GER	36.16	MONICA CORO	ITA	
18:21.05	LISA HAZEN	USA	30.58	HEIKE DEURING	GER	2:10.34	PASCAL VERBAUWEN	BEL	36.66	SYLVIA MADEJA	GER
18:25.31	S.PALMERWHITE	AUS	30.66	GABI MULLER	GER	2:11.33	SUSAN PORTER	USA	37.58	JUDITH LALLIER	USA
19:48.15	JUDITH SCHASFOORT	NED	30.68	BEATE SCHOLTYSSSEK	GER	2:11.52	CAROL OLSON	USA	37.60	ANN WALLING	CAN
20:07.47	DENICE HOLMES	AUS	30.69	AMY ROE	USA	2:12.41	REBECCA PERROTT	NZL	37.65	JAN GIRAD	USA
20:10.73	JENNIFER ADAMS	USA	30.69	AIMEE LEHR	USA	2:12.41	LYNN MARSHALL	CAN	37.69	ANGELA MAESTRINI	BRA
20:17.75	ERICA KUIPER	NED	30.79	BARBARA FRAATZ	GER	2:13.95	PENNY BOND	AUS	37.79	NEROLI NIXON	AUS
20:23.68	GLORIA NEMET	USA	30.90	ANNAICK SCHWEIZER	SUI	2:15.33	LEISSA MILLS	USA	37.79	SUSAN RICHMOND	USA
20:50.00	KRISTEN HARVEY	USA	100 M. FLY			2:16.12	ANNELIES KRAUS	GER	100 M. BRST		
21:01.70	LELIA REYNOLDS	USA	1:08.17	CHRISTINE KOLLER	GER	2:16.17	C.WEINKOFSKY	USA	1:18.50	ALICIA BOSCATTO	ARG
21:08.13	NICKY SLINGER	NED	1:08.34	SYLVIA BUXTON	CAN	400 M. FREE			1:18.80	BETH SCHEIMANN	USA
50 M. BACK		1:08.45	S.PALMERWHITE	AUS	4:35.05	BETH KNIGHT	USA	1:21.16	JUDITH LALLIER	USA	
31.80	AIMEE LEHR	USA	1:08.98	LIZ WOOLNER	GBR	4:36.51	KARIN SEICK	GER	1:21.50	SUSAN RICHMOND	USA
32.24	JUDITH HUPP	USA	1:09.15	KAREN JACOBSON	USA	4:37.52	PENNY BOND	AUS	1:22.08	MONICA CORO	ITA
32.40	HIROKO TAKUWA	JPN	1:09.26	BEATE SCHOLTYSSSEK	GER	4:38.18	SUSAN PORTER	USA	1:22.11	ANN WALLING	CAN
32.59	HEIKE DEURING	GER	1:09.47	YOSHIKO NAKADA	JPN	4:38.56	REBECCA PERROTT	NZL	1:22.42	SYLVIA MADEJA	GER
32.62	CHRISTINE KOLLER	GER	1:09.50	ANNAICK SCHWEIZER	SUI	4:39.82	LYNN MARSHALL	CAN	1:22.78	JAN GIRAD	USA
32.81	TRICIA ZORN	USA	1:09.61	YASUKO SUZUKI	JPN	4:42.60	DAPHNE FUCHS	GER	1:23.13	CLARE RYAN	AUS
32.84	MARJA ENGEL	NED	1:10.04	KARIN MORASSI	GER	4:44.36	LEISSA MILLS	USA	1:23.23	NANCY MITCHELL	USA
33.11	CARMEL CLARK	NZL	200 M. FLY			4:49.75	JOAN SMITH	USA	200 M. BRST		
33.39	TORI SMITH	USA	2:31.96	CHANTAL LEMIEUX	CAN	4:49.79	CHRISTIANE PIELKE	GER	2:51.91	ALICIA BOSCATTO	ARG
33.52	JANICE LESYNA	USA	2:31.99	BEATE SCHOLTYSSSEK	GER	800 M. FREE			2:52.30	C.BERGMANN	GER



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993

Table with 4 columns: Rank, Name, Country, Time. Lists top 10 swimmers for various distances (50m, 100m, 200m, 400m, 800m, 1500m, 500m, 1000m) across multiple events.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993

Table with columns for rank, name, country, time, name, country, time, name, country, time. Includes entries for SHERRY KITTRELL, WENDY CIMARNO, MIREILLE RICHTER, GAIL GREENWOOD, CONSOELO GRATER, FLY, LAURA VAL, MARYANN STEVENS, BARBARA DUNBAR, CORRIE DIXON, KRISSEY MACCUDRY, DENISE EVERITT, SUSIE CHANDLER, LESLEY GOUGH, JUDITH CLARKE, C.DE GRATER, MARYANN STEVENS, BARBARA DUNBAR, LESLEY GOUGH, KRISTINA KING, ANN LYTTLE, DENISE EVERITT, SANDRA O'NEIL, SANDRA O'NEIL, KRISTINA KING, ANN LYTTLE, SALLY DILLON, LUCY JOHNSON, PATTY THOMPSON, LESLEY MEANEY, CHRISTINE ZIMMET, NANCY SMITH, N.MIKHAYLOVA, FREE, SALLY DILLON, JEN THOMASSON, LESLEY MEANEY, PAT WHITE MALEY, NANCY SMITH, MARY POHLMAN, P.WATSON, BEVERLEY BYERS, JUDY GILLIES, RUTH PETERSON, MICHIKO KIHARA, MIMI FRANK, INGRID NAUE, SANDRA O'NEIL, SOPHERIAN, BRIGITTE MERTEN, CLARY MUNNS, GAYNOR CORLIS, JENNIFER AUSTIN, MAUREEN THEARLE, BACK, SANDRA O'NEIL, BRIGITTE MERTEN, N.MIKHAYLOVA, INGRID NAUE, CHRISTINE ZIMMET, SOPHERIAN, RUTH SHAPS, GAYNOR CORLIS, JENNIFER AUSTIN, SANDRA O'NEIL, BRIGITTE MERTEN, IMOLA HIKADE, CHRISTINE ZIMMET, MASAKO AKITA, MARY POHLMANN, INGRID NAUE, JEN THOMASSON, JENNIFER AUSTIN, BRST, JAN MCLEOD, CAROLYN BOAK, EMMA GIER, KAYAKO HIROSE, VLASTA OEHL, VOLCKER ANNEGRET, GINGER PIERSON, SALLY DILLON, SUSAN COOLIDGE, MARTINA KRAUSE, BRST, CAROLYN BOAK, VOLCKER ANNEGRET, VLASTA OEHL, GERHILD ESSER, GINGER PIERSON, KAYAKO HIROSE, SALLY DILLON, MISAKI ISHII, JULIE CRAYFORD, PRUE FRY, LUCY JOHNSON, SHARON WISE, KATHY HYDE, CAROLYN BOAK, JUDY WILSON, IRENE DAVID, JAN MCLEOD, ANNE PAGE, BRIGITTE MERTEN, LINDA MCHENRY, FLY, LUCY JOHNSON, JUDY WILSON, KATHY HYDE, BRIGITTE MERTEN, RUTH SHAPS, IRENE DAVID, KRISTINA KING, SANDI ROUSSEAU, GERHILD ESSER, JULIE CRAYFORD, BRIGITTE MERTEN, GERHILD ESSER, CHRISTINE ZIMMET, BARBARA LARSEN, GINGER PIERSON, VOLCKER ANNEGRET, IRENE DAVID, KAY STEER, EDITH JACOBSEN, KAZUKO YAMADA, I.M., SANDRA O'NEIL, CAROLYN BOAK, RUTH SHAPS, JEN THOMASSON, GAYNOR CORLIS, MIMI FRANK, IMOLA HIKADE, LYNN CARTEE, ANNEROSE TROBISCH, MASAKO AKITA, MARY POHLMANN, I.M., BRIGITTE MERTEN, CAROLYN BOAK, ANNE PAGE, MASAKO AKITA, GINGER PIERSON, GERHILD ESSER, BRIGITTE MERTEN, IMOLA HIKADE, MARY POHLMANN, ROSANGELA TEIXEIRA, WOMEN 45-49, WOMEN 50-54.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers in various categories for the 1993 FINA World Masters.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993

Table with 4 columns: Rank, Name, Country, Time. Lists top 10 swimmers for various events in 1993, including men's and women's 50m, 100m, and 400m freestyle.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993

Table with columns for rank, name, country, time, name, country, time, name, country, time. Lists top 10 swimmers in various categories for the 1993 FINA World Masters Long Course Meters event.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers in long course meters for 1993, including names like Sumiko Koizumi, Marie Lenk Zigler, and Gerda Schubert.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993

Table with columns for gender/age group, time, name, and country. Includes categories like WOMEN 85-89, M E N 25-29, and M E N 30-34.





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993

Table with 4 columns: Rank, Name, Country, Time. Lists top 10 swimmers for various distances (200m, 400m, 800m, 1500m, 50m, 100m) across different age groups (M E N 35-39, M E N 40-44). Includes names like Jeff Holbrook, Bobby Patten, and Glen Christiansen.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers for various distances (50m to 1500m) in 1993.



FINA WORLD MASTERS TOP 10 - LONG 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 - LONG COURSE METERS 1993

Table listing swimmers, their countries, and their times for the FINA World Masters Top 10 - Long Course Meters 1993. The table is organized in columns and includes names like Richard Hanley, Tom Walker, and Albert Buchholz, along with their respective times and countries.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993

1:12.85	ROBERT BLAKE	USA	3:18.91	JOSEPH LIEBIS	FRA	6:25.02	CHARLES MOSS	USA	50	M. BACK	
1:13.24	VALENTIN WEBER	GER	3:22.68	HELMUT KUNZEL	GER	6:40.65	VALENTIN WEBER	GER	37	35 KEIJIRO NAKAMURA	JPN
1:13.77	FRED TRASK	USA	50	M. BRST		7:01.25	ROGER FRANKS	USA	38	97 GORO TANIGUCHI	JPN
1:13.80	RICHARD HARTLEY	AUS	38.88	CHARLES MOSS	USA	7:03.32	FRANK PIEMME	USA	39	22 J HALE	GBR
1:13.82	WILLIAM PHILLIPS	USA	39.16	WERNER KRAUSE	GER	7:08.54	KARL HAUTER	GER	39	27 RAY TAFT	USA
200	M. FREE		39.89	FRITZ KLAPPROTH	GER	7:16.86	PAUL HUTINGER	USA	40	85 JOHN DILLEY	USA
2:41.37	FRANK PIEMME	USA	40.06	FRITZ HENKE	GER	7:17.91	KARL-HEINZ KNOPS	GER	41	02 B.DRBANKIHORVATH	HUN
2:41.76	BOB HERITIER	USA	40.08	O.ANDRES	ARG	7:26.27	LUMAN SUTTON	USA	41	28 FORBES GENTLEMAN	GBR
2:42.21	WILLIAM PHILLIPS	USA	40.24	TOSHIO TAJIMA	JPN	7:31.32	LEE ARTH	USA	41	80 H.MIYAZAKI	JPN
2:44.36	ROGER FRANKS	USA	40.27	KARL-HEINZ KNOPS	GER	7:31.81	ERICH DILFER	GER	42	31 CHARLES JOHNSON	USA
2:45.47	RICHARD HARTLEY	AUS	40.28	JOSEPH KURTZMAN	USA				42	39 ERICH BIERSTEDT	GER
2:46.33	FRED TRASK	USA	40.33	ZENJI NAKAHARI	JPN	*****			100	M. BACK	
2:47.00	KEITH JONES	AUS	40.44	ERNESTO ORLANDO	ARG	M E N 70-74			1:26	44 J HALE	GBR
2:47.03	VALENTIN WEBER	GER	100	M. BRST		*****			1:28	06 GORO TANIGUCHI	JPN
2:50.20	WILLIAM IRWIN	USA	1:29.88	WERNER KRAUSE	GER	50	M. FREE		1:30	34 RAY TAFT	USA
2:50.24	ISAO IKEGAMI	JPN	1:30.90	ZENJI NAKAHARI	JPN	30.19	B. SCHLURIKE	GER	1:31	66 H. MIYAZAKI	JPN
400	M. FREE		1:32.24	BARTON GREENBERG	USA	32.08	HIDEYAKI KATO	JPN	1:32	62 JOHN DILLEY	USA
5:42.60	FRANK PIEMME	USA	1:32.34	FRITZ KLAPPROTH	GER	32.30	C. BRUNELLESCHI	ITA	1:34	82 DRBANKIHORVATH	HUN
5:45.34	WILLIAM PHILLIPS	USA	1:32.88	KARL HAUTER	GER	32.54	JOHN RICHARDS	USA	1:36	80 ALEXANDER LAYLEE	GBR
5:48.86	VALENTIN WEBER	GER	1:33.87	FRITZ HENKE	GER	32.61	JOHN FLORANCE	USA	1:37	87 JAMIE JENKINS	AUS
5:50.48	BOB HERITIER	USA	1:34.02	TOSHIO TAJIMA	JPN	33.16	RAYMOND HAKOMAKI	USA	1:39	57 BRUCE GASTON	AUS
5:51.88	MAURICE LUSIEN	FRA	1:34.39	KARL-HEINZ KNOPS	GER	33.19	NEVILLE HOWARD	AUS	1:40	29 ERICH BIERSTEDT	GER
5:56.11	ROGER FRANKS	USA	1:34.55	SOICHI SAMEJIMA	JPN	33.22	SASAYUKI WAKAI	JPN	200	M. BACK	
6:00.31	ISAO IKEGAMI	JPN	1:34.63	TED HAARTZ	USA	33.29	ANDREW HOLDEN	USA	3:14	17 J HALE	GBR
6:07.28	CHARLES MOSS	USA	200	M. BRST		33.35	KEIICHI TOKUNAGA	JPN	3:18	65 GORO TANIGUCHI	JPN
6:09.57	FRED TRASK	USA	3:21.38	KARL HAUTER	GER	100	M. FREE		3:23	18 RAYMOND TAFT	USA
6:11.26	BOB WHITE	USA	3:25.01	ZENJI NAKAHARI	JPN	1:11.94	J HALE	GBR	3:26	49 H. MIYAZAKI	JPN
800	M. FREE		3:26.90	SOICHI SAMEJIMA	JPN	1:15.07	HIDEYAKI KATO	JPN	3:32	80 JAMIE JENKINS	AUS
11:26.99	ROGER WALLACE	AUS	3:27.24	KARL HEINZ KNOPS	GER	1:15.36	JOHN FLORANCE	USA	3:36	47 JOHN DILLEY	USA
11:51.06	FRANK PIEMME	USA	3:28.20	TED HAARTZ	USA	1:15.57	C. BRUNELLESCHI	ITA	3:38	14 ALEXANDER LAYLEE	GBR
11:53.84	BOB HERITIER	USA	3:30.30	MUNWKAZU SAMEJIMA	JPN	1:16.47	JOHN RICHARDS	USA	3:41	95 C. BRUNELLESCHI	ITA
12:07.66	VALENTIN WEBER	GER	3:30.63	ALDO MANFROI	BRA	1:17.19	MIRIO VISENTIN	ARG	3:44	55 JAMES EDWARDS	USA
12:08.20	MAURICE LUSIEN	FRA	3:30.66	BARTON GREENBERG	USA	1:17.87	ANDREW HOLDEN	USA	3:45	46 GAETANO PAVONE	USA
12:23.91	KEITH JONES	AUS	3:31.57	FRITZ HENKE	GER	1:18.74	RAYMOND TAFT	USA	50	M. BRST	
13:01.59	FRED TRASK	USA	3:34.38	WERNER KRAUSE	GER	1:18.94	HANS-JOACHIM JUNG	GER	43	29 JOHN RICHARDS	USA
13:06.89	D.ANT CASOLINO	ITA	50	M. FLY		1:19.44	EISAKU HAYASHI	JPN	44	25 EDWARD RUDLOFF	USA
13:07.13	ISAO IKEGAMI	JPN	34.05	ZENJI NAKAHARI	JPN	200	M. FREE		44	27 TOM DOWELL	USA
13:08.02	ERICH DILFER	GER	34.62	JOSEPH KURTZMAN	USA	2:47.93	J. HALE	GBR	44	27 WANG CHIN-LU	TPE
1500	M. FREE		34.67	FRANK PIEMME	USA	2:55.04	JURGEN SCHMIDT	USA	44	71 LUDWIG GEBURZI	GER
22:50.83	FRANK PIEMME	USA	34.73	PAUL HUTINGER	USA	2:56.40	C. BRUNELLESCHI	ITA	44	73 KIRA SUMIDA	JPN
23:02.93	ROGER FRANKS	USA	35.47	FRITZ KLAPPROTH	GER	2:56.96	FORBES GENTLEMAN	GBR	44	77 JOHN FLORANCE	USA
23:05.55	RICHARD HARTLEY	AUS	36.17	PERRY ROCKWELL	USA	2:57.26	HIDEYAKI KATO	JPN	44	92 FORBES GENTLEMAN	GBR
23:07.80	VALENTIN WEBER	GER	36.52	SILVANO DANIELI	ITA	2:58.65	JOHN FLORANCE	USA	45	14 H.KAWAJARADA	JPN
23:28.62	MAURICE LUSIEN	FRA	37.13	WILLIAM IRWIN	USA	3:00.03	JOHN RICHARDS	USA	45	19 H.SCHEULEN	GER
24:44.42	ISAO IKEGAMI	JPN	37.15	KARL-HEINZ KNOPS	GER	3:00.82	RAYMOND TAFT	USA	100	M. BRST	
24:47.37	FRED TRASK	USA	37.79	VALENTIN WEBER	GER	3:02.89	MIRIO VISENTIN	ARG	1:40	35 EDWARD RUDLOFF	USA
25:05.91	KEITH JONES	AUS	100	M. FLY		3:03.94	HANS-JOACHIM JUNG	GER	1:40	60 SIEGFRIED PANKOW	GER
25:25.52	MORRIS MATHEWS	USA	1:21.75	CHARLES MOSS	USA	400	M. FREE		1:40	84 JOHN RICHARDS	USA
25:32.78	ROYCE JACKSON	AUS	1:25.21	JOSEPH KURTZMAN	USA	6:20.87	JURGEN SCHMIDT	USA	1:41	49 ISAO FUNAMOTO	JPN
50	M. BACK		1:26.51	SILVANO DANIELI	ITA	6:30.60	C. BRUNELLESCHI	ITA	1:42	67 ALBERTO LAFUENTE	BRA
36.40	PAUL HUTINGER	USA	1:29.09	VALENTIN WEBER	GER	6:35.94	WILLIAM BLANCHARD	USA	1:43	68 TSUYOSHI YASUKAWA	JPN
37.64	KEIJIRO NAKAMURA	JPN	1:31.29	KARL-HEINZ KNOPS	GER	6:36.19	JAMIE JENKINS	AUS	1:43	87 LIN HOU-TSU	TPE
38.09	K.KLAUSTERMEYER	GER	1:33.80	KEITH CARTER	USA	6:41.81	JOHN FLORANCE	USA	1:45	24 LUDWIG GEBURZI	GER
38.93	FLOYD ELIOTT	USA	1:34.94	WILLIAM IRWIN	USA	6:42.56	HIDEYAKI KATO	JPN	1:45	78 ABRASHA BRAININ	USA
39.09	SHOICHI SHIDA	JPN	1:35.00	GERHARD GESCHKE	GER	6:45.05	EDWARD GEARY	AUS	1:46	60 HAYASHI MIYAKE	JPN
39.19	HELMUT KUNZEL	GER	1:35.77	MANFRED BARTHOFER	GER	6:45.85	J HALE	GBR	200	M. BRST	
39.63	F.YANAGISAWA	JPN	1:36.85	ERICH DILFER	GER	6:46.69	MIRIO VISENTIN	ARG	3:41	29 SIEGFRIED PANKOW	GER
39.64	ELI GOLDFARB	USA	200	M. FLY		6:46.78	TERENCE KELLY	AUS	3:41	48 EDWARD RUDLOFF	USA
39.84	ROGER FRANKS	USA	3:11.88	CHARLES MOSS	USA	800	M. FREE		3:44	50 ISAO FUNAMOTO	JPN
39.88	MASAKI INABA	JPN	3:15.76	VALENTIN WEBER	GER	13:07.59	RAY TAFT	USA	3:45	16 ALBERTO LAFUENTE	ARG
100	M. BACK		3:21.10	JOESPH KURTZMAN	USA	13:24.33	JURGEN SCHMIDT	USA	3:54	81 ABRASHA BRAININ	USA
1:21.14	PAUL HUTINGER	USA	3:30.69	KARL-HEINZ KNOPS	GER	13:26.32	FRED TAIOLI	USA	4:00	39 WILLI WERNER	GER
1:21.53	ROGER FRANKS	USA	3:37.39	ERICH DILFER	GER	13:35.30	C. BRUNELLESCHI	ITA	4:02	16 TOYOSHIRO YAMADA	JPN
1:25.36	KEIJIRO NAKAMURA	JPN	3:39.43	GERHARD GESCHKE	GER	13:52.20	EDWARD GEARY	AUS	4:02	45 GENICHI SUZUKI	JPN
1:25.50	FLOYD ELIOTT	USA	3:41.34	ROGER FRANKS	USA	13:52.63	JOHN RICHARDS	USA	4:03	96 HARRY TRAVIS	GBR
1:27.22	ELI GOLDFARB	USA	3:47.54	KEITH CARTER	USA	14:04.19	HANS-JOACHIM JUNG	GER	4:05	07 HAYASHI MIYAKE	JPN
1:28.17	HELMUT KUNZEL	GER	3:54.30	TOM LOGAN	NZL	14:09.46	MIRIO VISENTIN	ARG	50	M. FLY	
1:28.54	K.KLAUSTERMEYER	GER	3:58.45	ARTHUR KOBLISH	USA	14:19.17	GILBERT YOUNG	USA	36	29 J HALE	GBR
1:29.39	BOB WHITE	USA	200	M. I.M.		14:20.68	JAMES EDWARDS	USA	37	81 JURGEN SCHMIDT	USA
1:29.96	SHOICHI NAKAGAWA	JPN	2:57.61	CHARLES MOSS	USA	1500	M. FREE		38	73 ANDREW HOLDEN	USA
1:30.01	WILLIAM HAYNES	USA	3:06.84	ZENJI NAKAHARI	JPN	24:30.65	J HALE	GBR	39	12 KAKUICHI YANAGAWA	JPN
200	M. BACK		3:09.94	VALENTIN WEBER	GER	25:31.35	JURGEN SCHMIDT	USA	40	16 KEIICHI TOKUNAGA	JPN
2:57.68	ROGER FRANKS	USA	3:11.87	KARL HAUTER	GER	26:36.60	FRED TAIOLI	USA	40	37 JOHN FLORANCE	USA
3:04.37	PAUL HUTINGER	USA	3:13.02	FRANK PIEMME	USA	27:16.58	GILBERT YOUNG	USA	41	38 RAYMOND TAFT	USA
3:11.63	FLOYD ELIOTT	USA	3:16.66	PAUL HUTINGER	GER	27:24.00	KARL BAYERLEIN	GER	41	89 JOHN RICHARDS	USA
3:15.44	SHOICHI NAKAGAWA	JPN	3:18.63	MAURICE LUSIEN	FRA	27:36.95	HANS-JOACHIM JUNG	GER	42	78 LUDWIG GEBURZI	GER
3:16.03	BOB WHITE	USA	3:19.29	KARL-HEINZ KNOPS	GER	27:38.47	DOMINIK KOZA	GER	43	06 WANG CHIN-LU	TPE
3:16.75	ZENJI NAKAHARI	JPN	3:23.95	LUMAN SUTTON	USA	27:43.80	EDWARD GEARY	AUS	100	M. FLY	
3:17.56	MIKIO FUJIWARA	JPN	3:24.13	ERICH DILFER	GER	27:47.22	RICHARD SMITH	USA	1:39	99 ANDREW HOLDEN	USA
3:17.91	ELI GOLDFARB	USA	400	M. I.M.		27:47.45	RAYMOND TAFT	USA	1:48	54 EARL WALTER	USA



FINA WORLD MASTERS TOP 10 - LONG 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 - LONG COURSE METERS 1993

Table with 10 columns: Rank, Name, Country, Age, Name, Country, Age, Name, Country, Time. Lists top 10 swimmers in various categories for the 1993 FINA World Masters.



**FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993**

C.L.A.M.S.	GBR	2:05.74	YUKIKO NANJO		JOAN ALEXANDER		JUNKO NANBA	
WARRINGAH	AUS	2:06.20	HEC TAKATSUKI	JPN 2:27.57	BETTY MCMILLAN		XTC	USA 2:18.64
PATRICIA HAMILTON			NOBUKO NIITA		WALNUT CREEK	USA 3:19.56	CY ZACK	
ROBYN SWEENEY			HIDEKO NAITO		MARY JANE REEVES		KRISTEN DOMIS	
JENNY WETTON			KEIKO FUJIMOTO		PAT PREVETZ		LINDA TANKERSLEY	
JENNY EVANS			MIKIKO YONEZAWA		JAE HOWELL		KATIE BURNS	
HILLINGDON	GBR	2:06.98	OAHU KIOICHO	JPN 2:29.04	ANN PISCIOTTA		HILLINGDON	GBR 2:18.86
AGE 160-199			RIE TERAMURA		NISHINOMIYA	JPN 3:21.81	TAC	JPN 2:19.35
LOS ALTOS	USA	2:05.09	IKUKO SEKIGUCHI		YASUKO NISHIDA		SACHIKO KITAGAWA	
AIMEE LEHR			K.KATSUKOSHI		SUMI SHIMOI		TAKAE SUZUKI	
CAROLYN BOAK			TOMOKO ASAHI		CHIKOKO TAKAHARA		NORIKO KITAMURA	
KRISTINA KING			SEVEN CITY	JPN 2:29.87	HATSUHO SUGAYA		HIROKO WATANABE	
ARLENE PROEBSTING			NAOKO KAWABE		SUIEIKAI	JPN 3:22.26	AGE 120-159	
MINNESOTA	USA	2:11.59	YOTSUKO TASHIRO		KIKUYO EBATO		MINAS T.C.	BRA 2:12.82
PUJALET DEVITT			MIITSUKO ENDO		CHIYOKO TAKIZAWA		CELIA MILANI	
MARY WINDRATH			KAZUKO MACHIDA		MIDORI NALEAJIMA		ANGELA MAESTRINI	
PAMELA OGDEN			HAKUYO	JPN 2:30.02	TOCHIKO AMANO		DEBORAH DA COSTA	
MARSH SOUCHERAY			FUMIKO NAKAMURA		HOLMES LUMBER	USA 3:23.41	FERNANDA SANTOS	
HUSEN	HUN	2:11.72	TAEKO NAITO		FLORENCE CARR		ST. LOUIS	USA 2:15.44
GIZELLA CSEKO			AKIKO SUZUKI		M.R. NEWMAN		CATHERINE KOHN	
JUDIT BARANY			KIMIKO YOSHINAGA		JUNE REYNOLDS		SUSAN RICHMOND	
EDIT ECKEL			AGE 240-279		RACHEL ERWIN		CINDY ECKENRODE	
MAGDOLNA PATOH			KIBOGAOKA	JPN 2:38.25	MANLY	AUS 3:26.09	MARY GRACE HUBER	
MISSOURI VALLEY	USA	2:11.79	CHIEKO URANO		LIZ WALLIS		LINCOLN	USA 2:16.88
LAURA CALWELL			SHIZUE TOYAMA		LILLIAN JOHNSON		MARY JO FERRIS	
SHARON MAYO			MASAE KURATA		EILEEN PRICE		JANE ROBIE	
LINDA MCHENRY			IKUKO ISHII		ZENA LASSERRE		PATTY REDIG	
TERES MCGIVERIN			HECK TAKATSUKI	JPN 2:40.04	OAHU KIOICHO	JPN 3:26.43	JULIE BAUBLIS	
SWOL 1894	NED	2:12.11	HIDEKO NAITOU		KIMIE KANAI		HILLINGDON	GBR 2:19.69
HENRIET KORNELIS			YASUKO NAKANISHI		YOSHIKO WATANABE		LAKESIDE	USA 2:20.75
BEA POOL			KEIKO FUJIMOTO		HIDEKO MORI		MARY CHRIS CURL	
C.NIEUWENHUIS			KIYOKO IKEUCHI		TSURUYO TANAKA		CAROLINE DONNELLY	
GONNIE BAK			SAPPOR AC	JPN 2:41.00	OAHU KIOICHO B	JPN 3:36.96	AMY POPE	
MIAMI MASTERS	AUS	2:13.45	C CHISE		KIMIE KANAI		MELINDA SCHMITT	
CAIRNS MUD CRAB	AUS	2:13.91	HARUKO HAYASHI		YOSHIKO WATANABE		HEARTLAND	USA 2:21.17
NADA MAIS	BRA	2:14.01	MIKIKO HONMA		SUMIKO YANAGISAWA		VICKY DAVIDSON	
LEILA CORREA			NOBUKO NISHIDA		HIDEKO MORI		DIANE MENDOZA	
MARIA FENTI			O*H*I*O	USA 2:42.35	LAKESIDE	USA 3:38.11	PATTY STARKS	
ROSA MAILUMA			BETTY RUSS		CAROL FERGUSON		KELLI DOLE	
MAYSA AMADO			LILLY KRON		MARY JANE MULLINS		BAYLOR/L STAR	USA 2:21.46
COFFS HARBOUR	AUS	2:14.94	NANCY WAITE		DOROTHY RIORDAN		ROXANNE ANDERES	
ELIZABETH HAYWARD			PRUDENCE HALL		MEME HABICH		VAL HAGUE	
PAM FLETCHER			NARA SS	JPN 2:44.71	*****		MICHELLE CHOW	
LESLEY GOUGH			YUMIKO URAGAMI		RELAYS: WOMEN 200 M. MEDLEY		LISA PALMISANO	
ROSE JEFF			KIYOKO NAKAJIMA		*****		C.L.A.M.S.	GBR 2:22.99
ABAN SC	JPN	2:16.01	ETSUKO MATSUMOTO		AGE 100-119		PAULISTANO	BRA 2:23.40
TAKAKO ONKUBO			TOSHIKO MURAKAMI		HAKUYO	JPN 2:13.57	ROSAMARIA MEYER	
KYOKO MAEDA			ITOMAN KAWASAKI	JPN 2:44.78	RYOKO SAKAI		BEATRIZ DA SILVA	
TOMOKO WATANABE			MIDORI KINJO		MICHIYO TOMINO		DENISE DE ALMEIDA	
HITOKO NAKAGAWA			YOKO NAKAJIMA		FUMIKO MOMOSE		SILVANA DE ABREU	
AGE 200-239			AKIKO HATTORI		KIRIKO MINOSHIMA		MINNESOTA	USA 2:23.46
DC MASTERS	USA	2:21.55	KIYOKO KOZU		MOSCOW TROIKA	RUS 2:14.86	ANNETTE JAGGER	
JOANN LEILICH			OAHU KIOICHO	JPN 2:45.05	I. SELIVANOVA		KATHRINE ERICKSON	
BARBAR ZAREMSKI			YASUKO TSUCHIYA		O. TISHKOVA		MARY DUNLEVY	
BARBARA FRID			MACHIKO ITAI		M. ANOKHINA		SARAH HROMADA	
NANCY KIRKENDALL			REIKO NAWATA		A. NIKIFOROVA		AGE 160-199	
STREET & DISTRI	GBR	2:23.86	TOSHIKO SHIMIZO		HAKUYO	JPN 2:15.51	LOS ALTOS	USA 2:21.27
ALBYNS	GBR	2:24.34	RIO	BRA 2:45.46	RYOKO SAKAI		AIMEE LEHR	
VIRGINIA	USA	2:24.84	MARCIA BORELLI		FUMIKO MOMOSE		CAROLYN BOAK	
JUDY DECKER			PINTO MENDES		AKIKO ENDOW		KRISTINA KING	
BETSY DURRANT			MARIA LENK		NAHOMI MIYANO		ARLENE PROEBSTING	
LUCILLE GRIFFIN			M. PADILLA		YUKAIRIA KAPPAT	JPN 2:17.23	SAN DIEGO	USA 2:25.48
NANCY MILLER			PINHEIROS	BRA 2:45.85	FUMIYO YAMADA		BETSY JORDAN	
FLUMINENSE	BRA	2:26.11	FIAMMETTA PALAZIO		KAHORI IWAI		DIANA DOLAN-EVANS	
MARCIA RIBEIRO			TIZU SATO		KIYOKO OHARA		BARBARA DUNBAR	
ENEDINA PEREIRA			IDAMYS VENEZIANI		MANAMI TOMITA		KARLYN PIPES	
ELIANE DE SOUZA			MARIA GONCALVES		TOKYU OASHISU	JPN 2:17.27	SWOL 1894	NED 2:28.82
MARIA COSTA			ITOMAN KAWASAKY	JPN 2:45.89	NORIKO SUGIMOTO		HENRIET KORNELIS	
YOKOHAMA SC	JPN	2:26.32	MIDORI KINJO		SUSAN POTER		BEA POOL	
TERUKO UEDA			AKIKO HATTORI		SHIGEKO KOMORI		C.NIEUWENHUIS	
MAYUINI WATANABE			NORIKO MORI		MASAMI HOSODA		GONNIE BAK	
KEIKO KASAI			KIYOKO KOZU		HAKUYO	JPN 2:17.38	MINNESOTA	USA 2:29.27
AGE 280-319			HESTON	GBR 3:13.57	RYOKO SAKAI		PUJALET DEVITT	
WALNUT CREEK	USA	3:15.26	WALNUT CREEK	USA 3:15.26	MICHIYO TOMINO		JAN TRUCHAN	
JEAN DURSTON			JEAN DURSTON		AKIKO ENDOW		MARSHA SOUCHERAY	
SALLY JOY			SALLY JOY		MAYUINI WATANABE			
					KIRINMIMI	JPN 2:17.73		
					JUNKO MIYAZAKI			
					KANAHO SAWA			
					KIKUMI TOMITA			





**FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993**

MARY WINDRATH MIAMI AUS 2:30.72	SUSAN LIVINGSTON JOAN MCINTYRE SPENCER GBR 3:02.75	AGE 100-119 EGUZASU SHIMOKI JPN 1:42.27 NOYA SATO AKISUMI ICHIKAWA RYOSOKO SUGIE SCOTT DREHANTY FUJIEIKAI JPN 1:42.64 TAMOKI HAMAMATSU HIROKI TAKAHATA Y.MITSUISHI MANABU TSUJI FLAMENGO BRA 1:42.96 JULIO LOPEZ PAULO ERDOS JOSE DOS SANTOS JEFFERSON CRUZ HAKUYO JPN 1:43.12 YUSUKE ODA YOSHIYUKI TANAKA KOVICHI MATSUMOTO RYOTARO IWAMI 25 KUSATSU JPN 1:43.22 T.KINOSHITA KAZUYA UEYAMA MASAYUKI OKAMURA TETSUYA SHIOSAKI HAKUYO JPN 1:43.49 YUSUKE ODA HIDEKI KIMURA KEIICHI KIYOTA YASUO MIYAZAKI B & D SC JPN 1:44.14 TADASHI KATO N.KOBAYASHI JUNICHI NOJIRI YASUAKI HIHUMA TOSUIKAI JPN 1:44.68 SHUSUKE KAYA HIROMASA TAKIZAWA KEHEI KAWAZI JUB KAZEKI MINAS T.C. BRA 1:45.04 LUIS DA SILVA CRISTIANO AZEVEDO LUIS DE AZEVEDO VLADIMIR RIBEIRO TOKYU OASIS JPN 1:45.33 KOICHI HIRAOKA KOICHI KAWASHIMA KEIICHI SHAGAWA EIJI KINOSHITA AGE 120-159 BAYLOR/L STAR USA 1:38.02 STEVEN REED BOBBY PATTEN JAY YARID TRIP HEDRICK LINCOLN USA 1:39.63 ROBERT YOUNG TED SOLTYS TOM REDIG THOMAS SMITH HOUSTONIAN USA 1:42.69 JEFF HOLBROOK ALAIN SAURY DAVID GUTHRIE ROBERT KILLEEN ST. PETE USA 1:42.83 TIM MCGINNIS CHRIS OLDEN JOHN EDWARDS BRIAN VAILE MINNESOTA USA 1:43.02 SCOTT MALM MIKE HALPENNY TIM DALY DENNIS MATTAI ORLM USA 1:43.23 PAUL ROBINSON	DANIEL HAYES C.D. MILTENBERGER L.J. MEISENHEIMER OAHU KIOICHO JPN 1:43.99 MONFORE MONTE MOTOMU SUZUKI MOTOMU SUZUKI STEVE SIEGEL CDP ZZZ 1:44.75 ERIC VASSALLO H.SIMONETTI JUAN R. RIVAS JESUS VASSALLO RECREATIVA BRA 1:44.98 LUIZ CARVALHO FABIO LATUF EDUARDO DOMINGUES ROBERTO CARVALHO HOUSTONIAN USA 1:45.12 JOHN SMITH MIKE GIROD JEFF FREY LANCE GORDON AGE 160-199 THE OLYMPIC CLB USA 1:43.04 STEVE CLARK JAMES ELDER MIKE KECK STUART CORLISS THE OLYMPIC CLB USA 1:46.66 TIM BIRNIE ROBERT STRAND JOHN FOOTE RANDY WILLIAMS HIGHVELD RSA 1:47.25 PAUL CARLIN P.BLACKBEARD TIMOTHY SHEAD TERENCE DOWNES TEAM OHIO USA 1:47.96 THOMAS OLANDER ORRIN NORDSTROM JOHN PEARSON JOE REINHARDT HEIWAJIMA SC JPN 1:48.14 BRENT BARNS NIRUSU PRETTO SENJI NISHIZAWA TOSHIRO OZAWA SOSHIGAYA JPN 1:50.45 HIROAKI OHCHI TORU SAKATSUME Y.NISHIHARA HIROYUKI AMASAKI FLAMENGO BRA 1:50.48 FLAVIO MACHADO NEWTON DE THUIN RENIS FILHO JOSE MOREIRA SOSHIGAYA SC JPN 1:50.80 Y.NISHIHARA TORU SAKATSUME SHUN SUZUKI HIROYUKI AMASAKI OTTER GBR 1:51.05 UNIMED BRA 1:51.12 FERNANDO BUENO LUIS SIMI EDUARDO WEAVER LUIS ZULIETTI AGE 200-239 LOS ALTOS USA 1:50.62 KEEFE LODWIG THOMAS BOAK ROBERT PROEBSTING EDWARD CAZALET KIMITSU JPN 1:55.38
HAYWARDS GBR 2:30.94	ITOWAN KAUASAKI JPN 3:06.47 MIDORI KINJO AKIKO HATTORI HIROKO SOWA KIYOKO KOZU RIO BRA 3:08.12 MARCIA BORELLI MARIA LENK M.PADILLA PINTO MENDES FLUMINENSE BRA 3:09.70 KASHIMA SC JPN 3:09.91 SUMIKO KOIZUMI KAZUKO NISHIJIMA TOMOKO MIYOSHI EIKO MORI OAHU KIOICHO JPN 3:10.18 TOSHIKO KATO NORIKO YATSUNAMI YASUKO TSUCHIYA MACHIKO SAKAI OAHU KIOICHO JPN 3:10.25 CUIEKO TOKUDA YASUKO TSUCHIYA REIKO NAWATA MACHIKO ITAI AGE 280-319 WALNUT CREEK USA 3:38.67 BARBARA JORDAN SALLY JOY JAE HOWELL JEAN DURSTON HESTON GBR 3:39.92 MANLY AUS 3:46.29 LIZ WALLIS BETTY CALLAGHAN EILEEN PRICE ZENA LASSERRE OAHU KIOICHO JPN 3:54.40 SACHIKO UDA SUMIKO YANAGISAWA HIDEKO MORI YOKO UCHIDA OAHU KIOICHO JPN 3:55.15 SUMIKO YANAGISAWA KIMIE KANAI HIDEKO MORI YOSHIKO WATANABE HOLMES LUMBER USA 4:08.39 M.R. NEWMAN FLORENCE CARR JUNE REYNOLDS RACHEL ERWIN OAHU KIOICHO JPN 4:15.45 SHIZUKO KUROSAWA SUMIKO YANAGISAWA HIDEKO MORI YOSHIKO WATANABE OAHU KIOICHO JPN 4:18.02 YOSHIKO WATANABE HIROKO MOYOOKA TSURUYO TANAKA AYAKO TAKADA SUIEI KAI JPN 4:18.80 MIDORI NALEAJIMA KIKUYO EBATO TOSHIKO UENA CHIYOKO TAKIZAWA OSBORNE PARK AUS 4:21.98		
SPENCER GBR 2:31.43	FLUMINENSE BRA 3:09.70	OSBORNE PARK AUS 4:21.98	
HUSEN HUN 2:31.80	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
MAGDOLNA PATOH IMOLA HIKADE KATALIN CSAPO JUDIT BARANY OAHU KIOICHO JPN 2:31.96	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
KATFURA SEKIGUCHI MISAKO ISHII TOMOKO ASAHI HIROKO FURUYA OHTSU SC JPN 2:32.34	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
AGUMI HONGO KEIKO TSUJI MASAKO AKITA JUNKO IWAMI	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
AGE 200-239 DC MASTERS USA 2:37.37	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
NANCY KIRKENDALL JOANN LEILICH BARBARA FRID BARBARA ZAREMSKI VIRGINIA USA 2:41.33	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
JUDY DECKER BETSY DURRANT NANCY MILLER LUCILLE GRIFFIN STREET & DISTRI GBR 2:42.70	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
FLUMINENSE BRA 2:44.00	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
MARIA COSTA MARIA NASSIF LILLIAN DE MORAES ENEDINA PEREIRA CAMERON NZL 2:44.37	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
ANNE WILSON JOAN MONAHAN ALISON LEACH SANDRA BRAY ALBYNS GBR 2:44.72	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
SPENCER GBR 2:46.47	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
HAKUYO JPN 2:50.83	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
MACHIKO FUKOI ETSUKO IKECIA FUMIKO NAKAMURA KIMIKO YOSHINAGA SMS USA 2:51.64	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
SCOTTIE HOLLIDAY DEBORAH WALKER SUZY CARLSON B.CULBERTSON HAKUYO JPN 2:51.97	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
KIMIKO YOSHINAGA ETSUKO IKEDA YOKO MASUKO FUMIKO NAKAMURA	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
AGE 240-279 ST. LOUIS USA 2:51.91	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
REGAN KENNER CAROL TAYLOR ARDETH MUELLER CHERYL CORBETT NARA SS JPN 3:00.24	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
ETSUKO MATSUMOTO YUKIE HIRAO YUMIKO URAGAMI TOSHIKO MURAKAMI NEW ENGLAND USA 3:00.93	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	
MARIAN COAKLEY CLARA WALKER	OSBORNE PARK AUS 4:21.98	OSBORNE PARK AUS 4:21.98	



**FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993**

T.KUTSUZAWA	AKIRO OHBA	O. GAVRILENKO	KYO BANDO
TADASHI IWAMOTO	YUJI SUZUKI	A. BORODAY	OAHU KIOICHI JPN 1:58.25
JURO HISATSUNE	OAHU KIOICHO JPN 2:14.03	CENTRAL MUSASHI JPN 1:54.61	MOTAMI SUZUKI
MASATO YOSHINO	S. TAKAJASHI	HITOSHI NAKATAMI	RYUSUKE FUNIKI
OAHU TSUNASHIMA JPN 1:55.85	FUSAKICHI OINNMA	TOSHIYUKI TAKAGI	MONTORE MONTE
RYUJI TAKAMINE	NAONORI KAWAZOE	MASAHIRO FURUKAWA	STEVE SIEGEL
YOSHIO ASAGA	NORIO HAYASHI	NORIAKI HOMMA	HILLINGDON GBR 1:59.52
TAKAHIKO NOMA		FUJIEIKAI JPN 1:54.69	
SHIRO YOKOYAMA	AGE 280-319	HIROKI TAKAHATA	CRAW USA 1:59.73
OAHU KIOICHO JPN 1:56.06	SHUEI JPN 2:12.60	KENICHI NAKAO	NEIL HARPER
YAJI NAKANO	ISAMU TAMURA	DAISUKE MORIOKA	STEVE HECK
MASATERU ISA	KEIICH TOKUNAGA	MANABU TSUJI	DEAN PRZYMUS
MASAYASU KAMIYA	GORO TANIGUCHI	CENTRAL MUSASHI JPN 1:55.29	TERRY JAYNES
TADAYUKI TAKAGI	KEIJIRO NAKAMURA	DAIHACHI TAKANE	
HAKKYU JPN 1:56.23	OAHU TSUNASHIMA JPN 2:23.70	TOSHIYUKI TAKAGI	AGE 160-199
ATSUSHI OHBAYASHI	MASAO UEDA	MASAHIRO FURUKAWA	THE OLYMPIC CLB USA 1:54.45
TAKAHIRO TOKUDA	EIJI HAYAMA	NORIAKI HOMMA	TIM BIRNIE
AKIO IRIE	SHIGERU MIYA	YUKAINAKAPPATAC JPN 1:55.57	STUART CORLISS
SUMITAKA ASANO	TAKAHIKO NOMA	YASUHISA FUJIWARA	JEFF STILLING
KIMITSU JPN 1:56.51	SAN MATEO USA 2:24.07	FUMITAKE SUGAUCHI	STEVE CLARK
TADASHI IWAMOTO	EDWARD MORAN	MASAKATSU RACHI	FLAMENGO BRA 2:01.43
JURO HISATSUNE	FRED TAIOLI	NOBUO SUZUYAMA	RENIS FILHO
KAZUHIRO MIYAUCHI	ROBERT CUNNINGHAM	HAKUYO JPN 1:55.59	NEWTON DE THUIN
MASATO YOSHINO	RAY TAFT	YOSHIYUKI TANAKA	FLAVIO MACHADO
OAHU KIOICHO JPN 1:56.52	SUIEIKAI JPN 2:24.78	NOBUYUKI KITAHARA	JOSE MOREIRA
TADAYUKI TAKAGI	TOYOJI TAKAMI	HIDEYOSHI KIMURA	HIGHVELD RSA 2:01.45
MASAYASU KAMIYA	SHIRO TERUYAMA	KAIWAY MARK	PAUL CARLIN
MASATERU ISA	HIDEO HATTORI	HAKUYO JPN 1:55.70	P. BLACKBEARD
YAJI NAKANO	HIDEAKI KOTO	YASUO MIYAZAKI	TIMOTHY SHEAD
FLIPPER JPN 1:56.71	SUIEIKAI JPN 2:28.99	MAKOTO SENDA	TERENCE DOWNES
BRENT BARNS	MINORU NAGASHIMA	HIDEYOSHI KIMURA	TEAM OHIO USA 2:02.13
S. KATAGIRI	YOSHIAKI UEDA	TAKUYA NAKAJIMA	JOE REINHARDT
KAZUYA NISHINO	YASUO ISHIBASHI	ARBAN JPN 1:55.76	JOHN PEARSON
TOSHIRO OZAWA	HIDEAKI KOTO	YOSHIHI TO NIIGATA	ORRIN NORDSTROM
MINNESOTA USA 1:57.62	SUIEI-KAI JPN 2:29.61	MASAKI GOMORI	THOMAS OLANDER
JACK LEIGH	TOYOJI TAKAMI	TAKAHIDE ARAKANA	MURASAKI JPN 2:04.22
RICHARD LEIGH	AKIRA MATSUNO	AKIHIRO OKAMURA	SHIGEO KANAI
NATHAN LEIGH	HIDEYAKI KATO	25 KUSATSU JPN 1:56.90	YASUTUMI TSUNEOKA
JAY LEIGH	HIDEO HATTORI	KAZUYA YAMAGAMI	TAKAO KASHIWAGA
VSA HIRAKATA JPN 1:57.96	NAKADATE SS JPN 2:30.36	TAKESLM KIMURA	YOSHIHIRO KISHI
MASAHIKO TAKEMURA	MASAKI INABA	TOMOTADA KIMSHITA	BAYLOR/L STAR USA 2:04.32
HIROSHI KOJIMA	SATORU KATO	TETSUYA SHIOSAKI	STEPHEN BOSTER
KUNIKIRO SATO	DAISUKE SHIMIZU	CHUKYO KAWANAKA JPN 1:57.50	BERRY HAMILTON
TAKEKAZU KODERA	KANAME TANAKA	TERU NISHIZAWA	DAVID HAGUE
	MANLY AUS 2:35.90	HIROTAKA FUKADA	TRUETT SMITH
AGE 240-279	JAMIE JENKINS	TAKAHIRO YAOH	ANVAR MEX 2:04.33
RCF FRA 2:03.62	ALAN CAMERON	TAHASHI KAMEI	F. ESCANERO
ALDO EMINENTE	BILL JONES		G. SALCEDO
PIERRE STOSSEL	JOHN COMYNS	AGE 120-159	JORGE URRETA
ANDRE CHICARD	ROYAL NAVY GBR 2:36.63	BAYLOR/L STAR USA 1:50.89	LUIS PINEYRO
WILLY BLIOCH		JAY YARID	CITY OF CHESTER GBR 2:04.69
MINNESOTA USA 2:06.91	PINHEIROS BRA 2:37.67	BERRY HAMILTON	FLIPPER JPN 2:04.99
JAMES WHITE	SEBASTIAO SILVA	BOBBY PATTEN	NIRUSU PRETTO
MARK LITMAN	QUINCAS KAJIMOTO	STEVEN REED	OZAWA TOSHIRO
RAYMON HAKOMAKI	C. VON BULOW	KIEV AQUA UKR 1:56.00	TAKASHI YOSHIOKA
EDWARD JOHNSON	JOSE BENIAMINO	S. FESSENKO	BRENT BARNS
TEAM OHIO USA 2:08.65		A. SIDORENKO	MICHIGAN USA 2:05.14
PETE OKUMOTO	AGE 320-359	O. GAVRILENKO	FRANK THOMPSON
THOMAS TRIPP	BAYLOR/L STAR USA 2:57.21	A. BORODAY	STEVE HANSEN
JOHN FLORANCE	BENNETT ALLEN	MINNESOTA USA 1:57.21	LEONA BROCKHAHN
YOSHI OYAKAWA	TEX ROBERTSON	MARK WHITESIDE	DAVID SHEPHERD
HUSEN HUN 2:11.44	JESSIE COON	JEFFREY KENNEDY	
IMRE NYEKI	GUS CLEMENS	JOHN MCCALL	AGE 200-239
TIBOR JENEY	DC MASTERS USA 3:24.61	TIM DALY	HUSEN HUN 2:09.08
BELA FABIAU	SIDNEYSAPERSTEIN	CITY OF CHESTER GBR 1:57.38	J. DRCSIKANY
LAJOS VARSZEGI	DAVID MCAFEE	OAHU KIOICHO JPN 1:57.56	BELA FABIAU
NEW ENGLAND USA 2:11.90	BERT KASSELL	MOTAMI SUZUKI	ATTILA BEAK
WAYNE PICKERING	KELLEY LEMMON	YUJI NAKANO	IMRE NYEKI
JAMES EDWARDS	ICARAI BRA 4:18.60	MONTORE MONTE	CITY OF CHESTER GBR 2:11.32
TED HAARTZ	MAURICIO BARETTO	STEVE SIEGEL	
PHILLIP WHITTEN	PEDRO DE ALMENIDA	CDP ZZZ 1:57.78	THE OLYMPIC CLB USA 2:12.55
ROYAL NAVY GBR 2:12.31	ANTONIO SILVA	JESUS VASSALLO	RICHARD BASSI
	G. DE FIGUEIREDO	H. SIMONETTI	EDWARD RUDLOFF
OTTER GBR 2:12.56	*****	ERIC VASSALLO	RANDY WILLIAMS
	RELAYS: M E N 200 M. MEDLEY	JUAN R. RIVAS	JAMES ELDER
MIAMI MASTERS AUS 2:12.77	*****	OAHU KIOICHO JPN 1:57.82	HOUSTONIAN USA 2:12.66
	AGE 100-119	MOTAMI SUZUKI	HENRY MECREDDY
IWATA CULTURE JPN 2:13.33	KIEV AQUA UKR 1:54.41	YUJI NAKANO	WES SMITH
YASUTAKA OTSUKA	S. FESSENKO	MASAHIRO SASAKI	DUDLEY TARLTON
NORIO YOSHIDA	A. SIDORENKO		



**FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993**

DIETRICH BOLZ OTTER GBR 2:13.74	GORO TANIGUCHI HIROMU YOSHIMOTO KEIICHI TOKUNAGA KEIJIRO NAKAMURA SAN MATEO USA 2:47.17	TAKUYA NAKAJIMA KIRIKO MINOSHIMA MADOKA MATSUMOTO KOICHI MATSUMOTO HEIWAJIMA SC JPN 1:52.28	SHEM MIKE MINNESOTA USA 1:54.59 CYNTHIA MALTRY SARA LEIGH JAY LEIGH NATHAN LEIGH
OAHU KIOICHO JPN 2:14.29 TADAYULEI TAKAGI WATARU OKADA SATOSHI MARUTANI MASATERU ISA	EDWARD MORAN ROBE CUNNINGHAM RAY TAFT FRED TAIOLI NAKADATE JPN 2:56.31	BRENT BARNS SACHIKO TOMODA NIRUS PRETTO KAORI ENDO 25 KUSATSU JPN 1:53.84	AGE 160-199 LOS ALTOS USA 1:52.28 KEEFE LODWIG EDWARD CAZALET CAROLYN BOAK AIMEE LEHR
PINHEIROS BRA 2:15.52 ALAOR VILELA ROBERTO GUIMARES ALFRED JACOB OSMAR SILVA	MASAKI INAKA SATORU KATO MASAO NANASAWA KANAME TANAKA ROYAL NAVY GBR 2:57.31	MASAYUKI OKUMURA CHIHARU YAMAMOTO YOKO KANEDA TETSUYA SHIOSAKI AMARAL BRA 1:54.03	GREATER INDIANA USA 1:54.30 MARYANN STEVENS NAN WITCHER DAVID TANNER JOEL STAGER
HAKUYO JPN 2:16.24 NOBUHIRO WAKIHARA OSAMU ARAI TOSHIKI OGATA TSUYOSHI AOLCI	LOS DORADOS ARG 3:05.03 RODOLFO CATARRASI ALBERTO LAFUENTE ERNESTO ORLANDO N.SZENTIVANYI SAN DIEGO USA 3:07.32	C.SPRENGEL CESAR FEUSTEL GLAUCIA LUNKMOSS PAULO SCHIOCHET ICARAI BRA 1:55.32	LINCOLN USA 1:55.19 KURT MOEHLMANN C STONESIFER IRENE DAVID DAVE GIBSON
OAHU KIOICHO JPN 2:16.69 TADAYULEI TAKAGI TERUO IWATA RYO YOSHIDA MASATERU ISA	JERRY SIEFERT TOM DOWELL FRED WADSWORTH RAYMOND SPENCER HOLMES LUMBER USA 3:10.41	ADRIANA PICANCO FLUMINENSE BRA 1:55.39 MARCELO MARINHO SIMONE MARTINS PATRICIA MANES RUBENS MATTOS	PAULISTANO BRA 1:56.87 MINOL OHATA SILVANA DE ABREU BEATRIZ DA SILVA EDUARDO ALTIILIO SAN DIEGO USA 1:57.01
SAN MATEO USA 2:16.95 DONALD GALINE STANLEY PANKO RAWDY BROWN DICK PETERSON	F.H. TILLOTSON BRUD CLEVELAND TELFAIR MAHAFFY DICK LYMAN ICARAI BRA 3:11.94	BIG TOKAI JPN 1:55.53 TAE TANAKA MASAKO SATO JURI BOKY SATOSHI ISHIGURO	BARBARA DUNBAR MARILYN S FINK WILLIAM BEHUN WILLIE WACHOB WALNUT CREEK USA 1:57.13
AGE 240-279 MINNESOTA USA 2:21.67 RAYMON HAKOMAKI VIRGIL LUKEN ROBIN KLEFFMAN EDWARD JOHNSON	ALDO MANFROI ALBERTO CARVALHO PINHEIROS BRA 3:14.00 JOSE BENIAMINO C.VON BULOW QUINCAS KAJIMOTO SEBASTIAO SILVA	AGE 120-159 OAHU CLUB USA 1:49.81 ROWDY GAINES CAROLE MASSIE CHRISSY LAMBERT JIM LILLEY	DEBBI FLANSBURG JAMES KING CARY KENT ST. PETE USA 1:57.58 ANNE PAGE JOHN EDWARDS JUDY STEFANICK CHRIS OLDEN
MICHIGAN USA 2:25.44 HUGH RODDIN CHARLES MOSS CHARLES MAAS BOB HERITIER	NADA MAIS BRA 3:18.56 AGE 320-359 BAYLOR/L STAR USA 3:22.86	LINCOLN USA 1:51.22 PATTY REDIG MARY JO FERRIS TOM REDIG THOMAS SMITH	HEARTLAND USA 1:58.22 LEE MENCH DOUGLAS SELBY KELLI DOLE LYNN MACDONALD
COLONIALS-1776 USA 2:25.95 ROGER FRANKS NORMAN GARSOE ROBERT KROTEE ROBERT HARRIS	TEX ROBERTSON BENNETT ALLEN JESSIE COON GUS CLEMENS RIS 88 JPN 3:30.60	MICHIGAN USA 1:52.10 GLENN COLE KRISTIN NELSEN BOB JENNINGS PATRICIA ROHNER	TOYAMA PARECE JPN 2:00.32 MIHOKO TAKA K.MATSUYAMA CHIYOMI TANAKA TOSHIHARU FUJII
OAHU KIOICHO JPN 2:27.39 NORIO HAYASHI RYUICHI ICHIKAWA MASAYASU KAMIYA NAONORI KAWAZOE	SHITO ISHIKAWA HARUO CHIJIWA NORI YAMAMOTO TETSU YAMANCHI ICARAI BRA 5:17.91	WARRINGAH AUS 1:53.39 JENNY EDWARDS MARK MORGAN TRISH HAMILTON STUART MEARES	HUSEN HUN 2:00.39 MAGDOLNA PATOH ATTILA BEAK EDIT ECKEL LASZLO CSABA
OTTER GBR 2:28.45 OAHU KIOICHO JPN 2:29.20	PEDRO DE ALMENIDA T.TRISCIUZZI FLAVIO DE AGUIAR G.DE FIGUEIREDO ***** RELAYS: MIXED 200 M. FREE *****	HOLMES LUMBER USA 1:53.47 WALTER STEELE KATHY STEELE GINA AGUILLAR JACK MCKEAN	AGE 200-239 LOS ALTOS USA 2:02.09 THOMAS BOAK ARLENE PROEBSTING KRISTINA KING ROBERT PROEBSTING
NEW ENGLAND USA 2:29.21 PHILLIP WHITTEN TED HAARTZ WAYNE PICKERING JAMES EDWARDS	AGE 100-119 TAC JPN 1:48.53 YUMI HAYASHI HIROKO WATANABE DAISUKE KAMAMURA MASAO WATANABE	ST. PETE USA 1:54.19 TIM MCGINNIS LISA FLANAGAN LORI STAUCH BRIAN VAILE	HUSEN HUN 2:04.75 GIZELLA CSEKO LASZLO SZLAMKA IMRE NYEKI JUDIT BARANY
HUSEN HUN 2:30.09 DRBANKIHORVATH LAJOS VARSZEGI LASZLO SZLAMKA TIBOR JENEY	MINAS T.C. BRA 1:49.54 CRISTIANO AZEVEDO DEBORAH DA COSTA FERNANDA SANTOS VLADIMIR RIBEIRO	LINCOLN USA 1:54.37 SUSAN STANLEY JANE ROBIE TED SOLTYS ROBERT YOUNG	MINNESOTA USA 2:04.84 JAMES WHITE ROBERT DAVIDSON MARSHA SOUCHERAY SUSAN SCHULTZ
ICARAI BRA 2:30.54 A.DE S.CAMPOS LEONARDO NOGUEIRA ARNALDO COSTA LUIZ SODRE	TOKYO OASIS JPN 1:49.66 KOICHI HIRAOKA NORIKO SUGIMOTO MASAMI HOSODA KEIICHI SUNAGAWA HAKUYO JPN 1:50.20	SEA HOKUS JPN 1:54.57 HAYDEN ELLEEN HAYDEN CURE YOUNG LYNN	DC MASTERS USA 2:08.39 BRUCE FISHER BARBARA ZAREMSKI JOANN LEILICH JOHN CALVERT
AGE 280-319 SHUEI JPN 2:34.91			



**FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993**

MIAMI MASTERS AUS 2:08.52	AGE 280-319	PAULO SCHIOCHET	ELAINE BROMWICH
OAHU KIOICHO JPN 2:10.29	LINCOLN USA 2:34.74	GLAUCIA LUNKMOSS	WILLIAM SPECHT
MASATERU ISA	BETTY BENNETT	ICARAI BRA 2:10.68	WILLIAM HEMPEL
TOMOKO ASATRI	DAVE MALBROUGH		
HIROKO FURUYA	LOUISE DONOVAN	OHZENJI JPN 2:11.11	AGE 160-199
TADAYULEI TAKAGI	FRANK HAVLICEK	YUKO ITO	LOS ALTOS USA 2:08.68
OAHU TSUNASHIMA JPN 2:10.45	SUIEIKAI JPN 2:37.91	YASUKO AIZAWA	AIMEE LEHR
RYUJI TAKAMINE	TOSHIKO AMANO	MASAMICHI BANDO	THOMAS BOAK
TAKAHIKO NOMA	MIDORI NAKAJIMA	KENTARO MATSUO	KEEFE LODWIG
SADAKO KOYA	TOYOJI TAKAMI	ANMBA BRA 2:11.24	ARLENE PROEBSTING
NORIKO SAKAO	HIDEAKI KATO	ICARAI BRA 2:11.70	LINCOLN USA 2:10.22
ITOMAN TOKAO JPN 2:11.48	WISCONSIN USA 2:43.48	DIANNE CUNHA	KURT MOEHLMANN
HIDEO ETO	DONALD KILB	FERNANDO PARANHOS	KARL PAULIUS
KEIKO HATTORI	S HASSELBACHER	C.MASCARENHAS	IRENE DAVID
MICHIKO KOYANAGI	BETTY KENDALL	ADRIANA PICANCO	C STONESIFER
IZUMI SUMIDA	LYNN SURLES	ANMBA BRA 2:12.27	PAULISTANO BRA 2:12.90
MISSOURI VALLEY USA 2:12.53	KEIHAN HAMAOKTS JPN 2:44.62	ABEL NETO	SILVANA DE ABREU
MARY ANDERSON	KEIGO KATSUMI	CELSO DA FONSECA	MINOL OHATA
LINDA MCHENRY	AKIKO TANIZAKI	LUCIA DE MENEZES	BEATRIZ DA SILVA
LANDON KIRCHNER	CHIE TANI	PATRICIA ANDRADE	EDUARDO ALTILIO
MIKE CALWELL	KINICHI HITOMI	Y-SJU ZZZ 2:13.06	OAHU KIOICHO JPN 2:13.36
FLIPPER JPN 2:12.86	O*H*I*O USA 2:44.73	C. SANTIAGO	MOTOMU SUZUKI
SHUNSUKE TAGUCHI	PAUL KRUP	C.FERNANDEZ	MISAKO ISHII
MITSUE KUWANA	DEXTER WOODFORD	ARNALDO PEREZ	SATOSHI MARUTANI
KEIKO NAGANO	LILLY KRON	M.VALES	HIDEKO CHUBACHI
KAZUYA NISHINO	BETTY RUSS	HIPPO BRA 2:13.28	MINAS T.C. BRA 2:13.40
	NEW ENGLAND USA 2:46.60	RUBEN CORONADO	CELIA MILANI
	BILLIE BURRILL	M.FRIGO	ROBERTO MENDONCA
AGE 240-279	MARDIE BROWN	C.SWANSTON	LENORA DE CAMPOS
OAHU KIOICHO JPN 2:21.56	JAMES EDWARDS	C.ALVAREZ	SERGIO RESENDE
MASAYASU KAMIYA	TED HAARTZ		LAKESIDE USA 2:15.16
MANABU OCHI	SUIEI-KAI JPN 2:52.46		WILLIAM TINGLEY
KATSUKO TATSUKOSH	TOYOJI TAKAMI	AGE 120-159	A.WRIGHT BELKNAP
NENJI OZEKI	TOSHIKO AMANO	S.E.METRO USA 2:02.12	JOHN NOLAN
SMS USA 2:22.31	SHIZUE HATA	JUDITH LALLIER	MARY CHRIS CURL
DEBORAH WALKER	HIDEYAKI KATO	TAMARA GREWENOW	ST. PETE USA 2:15.67
BARDI DENDY	DC MASTERS USA 2:53.96	MATT STEVENS	JUDY STEFANICK
BALINT PAPP	FRANK MURPHY	CAREY REHDER	GARY TRIMBLE
HENRY GLANCY	LORRAINE MURPHY	LINCOLN USA 2:05.66	ANNE PAGE
ST. LOUIS USA 2:23.05	ANNE WALKER	SUSAN STANLEY	TIM MCGINNIS
ARDETH MUELLER	LEE BETTIS	STEVE BOONE	MINNESOTA USA 2:16.83
CAROL TAYLOR	CCC PUR 2:54.20	PATTY REDIG	PAUL WINDRATH
WILLIAM CANNON	NANCY CLARK	ROBERT YOUNG	MARY WINDRATH
ROBERT BLAKE	A.DEL VALLE	LINCOLN USA 2:06.77	ROBIN KLEFFMAN
FLUMINENSE BRA 2:24.10	JEAN CHENAUX	MARY JO FERRIS	VICKY SANDBERG
MARCIA RIBEIRO	KELLEY LEMMON	JANE ROBIE	ANVAR MEX 2:17.59
ENEDINA PEREIRA	NISHINOMIYA JPN 2:54.85	DAVE GIBSON	TERESA GARCIA
ZAVEN BOGHOSSIAN	TOSHIO YURI	TOM REDIG	G.SALCEDO
ARAM BOGHOSSIAN	YASUKAMA TAKESHI	HEARTLAND USA 2:07.03	JORGE URRETA
CONNECTICUT USA 2:24.74	CHIKAKO TAKAHARA	VICKY DAVIDSON	E.DE SARACHO
DAVE SAMUELSON	HATSUHO SUGAYA	RON SCHAFFER	TOYAMA PARECE JPN 2:18.41
MARGIT JEBE		PATTY STARKS	TAKAKO TAKANO
ROBERT KNAPP	AGE 320-359	LEE MENCH	TOSHIHARU FUJII
DOROTHY DONNELLY	DC MASTERS USA 3:03.15	ORLM USA 2:08.99	K.MATSUYAMA
PINHEIROS BRA 2:25.14	NANCY CLARK	PAUL ROBINSON	MIHOKO TAKA
IDAMYS VENEZIANI	ANNE WALKER	C.D. MILTENBERGER	
MARIA GONCALVES	KELLEY LEMMON	HEATHER O'BRIEN	AGE 200-239
JOSE PELLEGRINO	DAVID MCAFEE	EILEEN HARTLE	LOS ALTOS USA 2:15.52
NIVALDO GONCALVES	ICARAI BRA 4:49.42	MINNESOTA USA 2:09.55	EDWARD CAZALET
ICARAI BRA 2:25.20	PEDRO DE ALMEIDA	CINDY ANDERSON	CAROLYN BOAK
LEONARDO NOGUEIRA	ANNE HEES	MICHAEL PEDERSON	ARLENE PROEBSTING
MARLENE MENDES	LUZIA CARACCILO	ANNETTE JAGGER	KRISTINA KING
ISSA COIROLO	A.DE PAIVA MUNIZ	MIKE HALPENNY	HUSEN HUN 2:21.29
LUIZ SODRE	*****	MICHIGAN USA 2:10.12	J.CSIKANY
ST. PETE USA 2:27.52	RELAYS: MIXED 200 M. MEDLEY	GLENN COLE	BELA FABIAU
CHARLES KOHKEN	*****	KRISTIN NELSEN	MARTA EGERVARY
J.G. PIPER	AGE 100-119	PATRICIA ROHNER	GIZELLA CSEKO
KATE KNIGHT-PERRY	MINAS T.C. BRA 2:01.47	BOB JENNINGS	MINNESOTA USA 2:23.04
PAUL HUTINGER	C.G.V.AZEVEDO	NADA MAIS BRA 2:10.32	MARK LITMAN
ETTALONG AUS 2:28.17	FERNANDA SANTOS	ALEXANDRE FURTADO	VIRGIL LUKEN
KEVIN VICKERY	DEBORAH DA COSTA	MAYSA AMADO	MARSHA SOUCHERAY
RUSSELL PHILPOT	VLADIMIR RIBEIRO	NELSON BONILHA	SUSAN SCHULTZ
PENNEY DUNN	TOKYU OASIS JPN 2:03.22	MARCELA FERREIRA	DC MASTERS USA 2:23.26
PAM HUTCHINGS	NORIKO SATO	VIRGINIA USA 2:10.76	JOHN CALVERT
HECK TAKATSUKI JPN 2:28.99	KOICHI KAWASHIMA	JAMES WOLFE	JOANN LEILICH
RYOJI FUJIMOTO	KOICHI HIRAOKA	PATRIC CHAPPELL	BRUCE FISHER
MANABU OCHI	MASAMI HOSODA	MARIA VELIKONJA	BARBARA ZAREMSKI
HIDEKO NAITO	AMARAL BRA 2:05.95	JIM MILLER	ITOMAN KAWASAKI JPN 2:25.24
MICHIKO OHTO	CRISTIANE SPENDEL	ST. PETE USA 2:11.23	KEISUKE ITO
	LUIZ DE MATOS	TERRI HOPPENRATH	HIROKO SOWA



**FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1993**

AKIO SUGIYAMA			LILLY KRON		
YURIKO SATO			PAUL KRUP		
TAMALPAIS USA	2:25.70		DEXTER WOODFORD		
RICHARD BURNS			LINCOLN USA	2:58.51	
GARY PARLAPIANO			DAVE MALBROUGH		
NANCY RIDOUT			BETTY BENNETT		
CHARLOTTE JENKINS			FRANK HAVLICEK		
FLUMINENSE BRA	2:26.49		LOUISE DONOVAN		
MARIA COSTA			MICHIGAN USA	3:06.21	
RINALDO FERREIRA			EDITH GLUSAC		
JOSE FERRAZ			CHARLES MOSS		
LILIAN DE MORAS			LOIS NOCHMAN		
FLUMINENSE BRA	2:26.84		HAM MORNINGSTAR		
WALNUT CREEK USA	2:29.58		COLONIALS 1776 USA	3:07.55	
DON BROWN			JEANNE MERRYMAN		
JOAN ALEXANDER			NORMAN GARSOE		
JAMES KING			JEAN TROY		
SUZANNE HEIM			CHARLES BREEDING		
TOKYO MARIN JPN	2:29.76		NEW ENGLAND USA	3:13.98	
YOSHIHISA SONODA			JAMES EDWARDS		
SOKO MORIKAWA			TED HAARTZ		
ISAMU SHIBAZAKI			MARDIE BROWN		
KAZUKO KOYAMA			BILLIE BURRILL		
AGE 240-279			SAN MATEO USA	3:18.33	
LOS ALTOS USA	2:29.22		ZADA TAFT		
DELLA SEHORN			BOB CUNNINGHAM		
CAROLYN BOAK			RAY TAFT		
ROBERT PROEBSTING			AUDREY ETIENNE		
JOHN RICHARDS			HOLMES LUMBER USA	3:19.03	
ST. LOUIS USA	2:38.10		WILLIAM GRANT		
ART KELLEY			BRUD CLEVELAND		
CAROL TAYLOR			SYLVIA EISELE		
ARDETH MUELLER			FLORENCE CARR		
ROBERT BLAKE			NISHINOMIYA JPN	3:20.25	
CONNECTICUT USA	2:39.67		TOSHIO YURI		
ROBERT KNAPP			CHIKAKO TAKAHARA		
MARGIT JEBE			TAKESHI YASUKAWA		
DAVE SAMUELSON			HATSUHO SUGAYA		
DOROTHY DONNELLY			FLUMINENSE BRA	3:23.42	
RIO BRA	2:41.58		VINICIUS MACHADO		
PINTO MENDES			CANDIDA GANDOLPHO		
M.BIVAR SORES			KENNETH KASSIN		
M.PADILLA			MARIA LENK		
E.BRILHANTE			WALNUT CREEK USA	3:24.86	
PINHEIROS BRA	2:43.98		DON BROWN		
IDAMYS VENEZIANI			JEAN DURSTON		
JOSE PELLEGRINO			JAE HOWELL		
NIVALDO GONCALVES			ERNIE SMITH		
MARIA GONCALVES			AGE 320-359		
OAHU KIOICHO JPN	2:48.17		DC MASTERS USA	4:25.47	
K.TATSUKOSHI			ANNE WALKER		
KIMIE KANAI			BERT KASELL		
MASAYASU KAMIYA			ELSA MATTILA		
NENJI OZEKI			DAVID MCAFFEE		
ICARAI BRA	2:48.64		ICARAI BRA	5:23.90	
MARLENE MENDES			PEDRO DE ALMEIDA		
ERIKA LOPES			ANNE MARIE HEES		
LEONARDO NOGUEIRA			ALBERTO CARVALHO		
LUIZ SODRE			LUZIA CARACCIOLO		
KAMINAGAYA JPN	2:49.89				
SHOGORO AZUMA					
TETSUO NAKAMARU					
NOBUYO KITAGAWA					
YOKO SUGIYAMA					
ST. PETE USA	2:51.23				
PAUL HUTINGER					
J.G. PIPER					
HAROLD FERRIS					
KATE KNIGHT-PERRY					
DURHAM LIGHT NZL	2:51.86				
TOM COWDELL					
TOM LOGAN					
PRISCILLA LOGAN					
OLGA JOHNSON					
AGE 280-319					
O*H*I*O USA	2:56.33				
BETTY RUSS					