



# FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

***** WOMEN 25-29 *****											
50 M. FREE		1:00.42	JENNIFER BROOKS	USA	2:34.39	A. REKOWSKI	GER	9:35.70	NADINE DAY	USA	
26.96	MONICA BENVENUTI	ITA	1:06.98	KANA OHASHI	JPN	2:34.51	DANIELA RUDOLPH	GER	9:37.05	ANA GRILLO	POR
27.04	MIHO OKUHARA	JPN	1:08.94	JENNY MOONEY	USA	2:34.84	ANA MORALES	MEX	9:47.51	BARBARA GRILLO	ITA
27.89	NAHOMI ERIGUCHI	JPN	1:09.02	ANNE KUHN	GER	2:34.97	K.VAN DONGEN	NED	9:50.22	SHARON TIRAN	RSA
28.02	SANDRINE PAQUIER	SUI	1:09.56	M.MARTIN-QUEVIL	CAN	2:35.23	CORINNA MIEDE	GER	9:58.60	ANDREA HALBACH	GER
28.19	AKIKO SUZUKI	JPN	1:09.84	NAHOMI ERIGUCHI	JPN	2:35.96	GIORGIA SALA	ITA	10:09.11	JANET MCLEAN	GBR
28.27	MARIE ATKINSON	GBR	1:10.06	DAWN PALMER	GBR	2:36.47	WIBKE STURM	GER	10:09.51	DANA WOODY	USA
28.27	CORINNA MIEDE	GER	1:10.23	KUNI MORI	JPN	2:37.97	JENNY MOONEY	USA	10:10.39	ALISON ZAMANIAN	USA
28.27	ANKE SEEGER	GER	1:10.49	TANJA OP DEN ORTH	GER	200 M. I.M.			10:15.21	DALIAH KIEFER	GER
28.27	SILKE LUBBERT	GER	1:11.22	ADINA FAUR	ISR	2:19.65	MARGOT JANDEL	GER	1500 M. FREE		
28.37	ALFONSINA IRACE	ITA	1:11.92	CLARE GAMBLE	GBR	2:24.51	HITOMI MAEHARA	JPN	18:20.97	NADINE DAY	USA
100 M. FREE		2:32.65	JANE SOLOMON	GBR	2:24.99	ANDREA SIMAKOVA	CZE	18:38.42	JACQUI ROBINSON	AUS	
58.72	MONICA BENVENUTI	ITA	2:33.43	NAHOMI ERIGUCHI	JPN	2:28.64	KANA OHASHI	JPN	18:50.80	BARBARA GRILLO	ITA
59.86	MIHO OKUHARA	JPN	2:34.53	DAWN PALMER	GBR	2:29.13	ANNE KUHN	GER	19:20.74	DANA WOODY	USA
1:00.42	JENNIFER BROOKS	USA	2:35.63	TANJA OP DEN ORTH	GER	2:31.26	S BAUSHER-GRYBOS	USA	19:20.91	JANET MCLEAN	GBR
1:00.73	PENNY PORTER	GBR	2:36.33	DANIELA BAUMGARDT	GER	2:32.19	MONICA BENVENUTI	ITA	19:34.21	CLAIRE SWEENEY	GBR
1:00.91	PAULA AGUIAR	BRA	2:36.84	KUNI MORI	JPN	2:32.43	CINDY BERTELINK	CAN	19:45.87	AMY WEISS	USA
1:01.07	MARIE ATKINSON	GBR	2:37.22	ADINA FAUR	ISR	2:32.56	JENNY MOONEY	USA	19:48.62	KIM STOK	GER
1:01.17	KRISTA DE REUS	NED	2:37.63	HEIDI FRENCH	GBR	2:34.86	MARIA M SANCHEZ	GBR	19:54.11	HEIDI WILLIAMS	USA
1:01.48	DANIELA BAUMGARDT	GER	50 M. BRST			400 M. I.M.			19:55.30	NATHALIE BELAND	CAN
1:01.65	DAWN PALMER	GBR	35.12	GEORGINA PRICE	GBR	5:26.47	JENNY MOONEY	USA	50 M. BACK		
1:01.78	CORINNA MIEDE	GER	35.21	HELEN SALCEDO	USA	5:27.74	A. REKOWSKI	GER	32.10	SUNNY SMILEY	USA
200 M. FREE		35.24	KAREN JACKSON	GBR	5:28.86	DANIELA BAUMGARDT	GER	32.45	MONICA SORO	ITA	
2:12.89	JENNIFER BROOKS	USA	35.25	KATJA WACHTER	GER	5:29.52	LAURA CHIDGEY	GBR	32.63	BETH ISAAK	USA
2:14.00	MIRIAM CARLSON	USA	35.44	MEGUMI SAKAGUCHI	JPN	5:31.06	CHRISSE MILLER	USA	32.68	NORIKO YOKOI	JPN
2:14.16	DANIELA BAUMGARDT	GER	35.93	TAMARA VAN GORKOM	NED	5:34.03	MARIA M SANCHEZ	GBR	32.85	ANNETT REX	GER
2:14.18	MARIE ATKINSON	GBR	36.00	JANA VESELA	CZE	5:34.53	JANET MAYVILLE	CAN	32.98	NADINE DAY	USA
2:14.66	MONICA BENVENUTI	ITA	36.04	MARIANNE GUIRAUD	FRA	5:37.56	MARGARET CLIFFORD	USA	33.17	CINDY RADFORD	CAN
2:14.98	LISA ROBINSON	GBR	36.06	ANNA JENSEN	SWE	5:37.63	MAGDA STOVICKOVA	USA	33.28	LIVIA COPARIU	ITA
2:15.14	CORINNA MIEDE	GER	36.12	KYOKO IWASAKI	USA	5:38.41	ELEANOR THOMSON	GBR	33.30	MIYAKO AOKI	JPN
2:16.04	JANET MAYVILLE	CAN	100 M. BRST			*****			33.37	LIANNEKE HUTTEMAN	NED
2:16.23	MARIA M SANCHEZ	GBR	1:14.79	HITOMI MAEHARA	JPN	*****			100 M. BACK		
2:16.50	SABINE SCHMIDT	GER	1:17.85	KAREN JACKSON	GBR	*****			1:08.04	JOANNA CORBEN	GBR
400 M. FREE		1:18.49	HELEN SALCEDO	USA	50 M. FREE				1:10.79	SUNNY SMILEY	USA
4:24.11	SILVIA VIDA	GER	1:18.67	KATJA WACHTER	GER	27.15	SUSAN HILL	GBR	1:11.12	BETH ISAAK	USA
4:37.84	JENNIFER BROOKS	USA	1:18.73	ANNA JENSEN	SWE	27.87	DELIA DEMATTI	ITA	1:11.51	NADINE DAY	USA
4:43.04	MARIE ATKINSON	GBR	1:19.14	LAURA CHIDGEY	GBR	28.14	HEATHER HAGEMAN	USA	1:11.60	SANDIE EASTON	USA
4:43.19	HITOMI MAEHARA	JPN	1:19.64	MEGUMI SAKAGUCHI	JPN	28.15	MONICA SORO	ITA	1:12.20	MONICA SORO	ITA
4:43.82	DANIELA BAUMGARDT	GER	1:20.41	KYOKO IWASAKI	USA	28.16	YUKI INOUE	JPN	1:12.29	C. AMESTOY	FRA
4:44.17	S BAUSHER-GRYBOS	USA	1:20.68	SINA TUTSCH	GER	28.30	NADINE DAY	USA	1:12.49	ANNETT REX	GER
4:44.46	MAGDA STOVICKOVA	USA	1:21.11	M.TAVERNIER	FRA	28.38	B.OLAFSDOTTIR	GER	1:12.73	NOEMI DOMONKOS	AUS
4:47.11	TAMARA VAN GORKOM	NED	200 M. BRST			28.49	TANJA DEGENKOLBE	GER	200 M. BACK		
4:48.34	CINDY BERTELINK	CAN	2:40.83	HITOMI MAEHARA	JPN	28.50	F.PELLEGRINO	ITA	2:23.94	JOANNA CORBEN	GBR
4:49.08	LISA ROBINSON	GBR	2:49.61	LAURA CHIDGEY	GBR	28.59	LUCIA SANTOS	BRA	2:30.66	SANDIE EASTON	USA
800 M. FREE		2:49.82	KAREN JACKSON	GBR	100 M. FREE				2:33.77	NADINE DAY	USA
9:40.53	MARIE ATKINSON	GBR	2:50.54	ANNA JENSEN	SWE	59.62	NADINE DAY	USA	2:37.53	C. AMESTOY	FRA
9:54.49	MAGDA STOVICKOVA	USA	2:51.71	KATJA WACHTER	GER	59.89	SUSAN HILL	GBR	2:38.16	SUNNY SMILEY	USA
9:54.93	DANIELA BAUMGARDT	GER	2:51.84	HELEN SALCEDO	USA	1:00.05	ANA GRILLO	POR	2:38.28	BETH ISAAK	USA
10:01.97	A. REKOWSKI	GER	2:54.66	KYOKO IWASAKI	USA	1:01.02	LUCIA SANTOS	BRA	2:39.27	BARBARA GRILLO	ITA
10:02.68	PATRICIA FLYNN	USA	2:55.20	TRACEY JENNINGS	GBR	1:01.68	MANUELA SCHUBERT	GER	2:40.02	LAURA PALASCIANO	ITA
10:06.85	LAURA VOLPI	ITA	2:55.99	ISABELLE BOHLMANN	CAN	1:01.88	LIVIA COPARIU	ITA	2:40.71	STEFANIA CORVO	ITA
10:07.54	MELANIE KUIPER	NED	2:56.91	DANIELA RUDOLPH	GER	1:02.29	JENNIFER KOBI	CAN	2:40.86	NICOLA LATTY	GBR
10:10.14	WIBKE STURM	GER	50 M. FLY			1:02.44	LIDIA VAN BON	NED	50 M. BRST		
10:10.39	SILKE PROBIAN	GER	28.19	JENNIFER BROOKS	USA	1:02.56	DELIA DEMATTI	ITA	35.12	NADINE DAY	USA
10:14.01	RACHEL JOYCE	GBR	29.20	ANDREA SIMAKOVA	CZE	1:02.95	BARBARA GRILLO	ITA	35.44	AUDE BERTON	FRA
1500 M. FREE		29.25	MIHO OKUHARA	JPN	200 M. FREE				35.44	PETRA DUDA	GER
18:31.19	MARIE ATKINSON	GBR	29.67	PENNY PORTER	GBR	2:10.97	ANA GRILLO	POR	35.46	ANNETT REX	GER
18:51.52	REBECCA WASSNER	USA	30.06	KATJA WACHTER	GER	2:11.11	NADINE DAY	USA	35.89	LOUISE MARTIN	USA
19:12.49	PATRICIA FLYNN	USA	30.13	ALFONSINA IRACE	ITA	2:12.59	SUSAN HILL	GBR	36.03	KATJA SEEGER-BOSE	GER
19:19.48	LAURA VOLPI	ITA	30.23	SANDRINE PAQUIER	SUI	2:14.54	JACQUI ROBINSON	AUS	36.73	IVANA MOUCHOVA	CZE
19:26.31	LETICIA MENDONCA	BRA	30.50	TANJA OP DEN ORTH	GER	2:15.04	KATRINA RADKE	USA	37.11	STEFANIA MONTI	ITA
19:45.38	AKIKO KANNA	JPN	30.52	SIMONE DICKMANN	GER	2:15.74	C. CHATTERTON	AUS	37.19	CLAUDIA DULLO	AUS
19:58.98	HITOMI NEGISHI	JPN	30.54	KIRSTEN HARTIG	GER	2:16.25	LIDIA VAN BON	NED	37.23	LISA DOBSON	GBR
20:03.52	LISELOTTE JOLING	NED	100 M. FLY			2:17.35	JENNIFER KOBI	CAN	100 M. BRST		
20:27.12	CORINA FRIEDRICH	GER	1:03.89	JENNIFER BROOKS	USA	2:17.54	TRISH SEUBERT	USA	1:17.56	NADINE DAY	USA
20:33.11	JANE SOLOMON	GBR	1:05.09	ANDREA SIMAKOVA	CZE	2:17.94	BARBARA GRILLO	ITA	1:18.61	ANNETT REX	GER
50 M. BACK		1:07.00	LISE MACKIE	FRA	400 M. FREE				1:19.20	KATJA SEEGER-BOSE	GER
31.46	NAHOMI ERIGUCHI	JPN	1:07.37	ANNE KUHN	GER	4:39.42	JACQUI ROBINSON	AUS	1:20.78	PETRA DUDA	GER
31.78	KANA OHASHI	JPN	1:07.49	CHRIS WLEGAND	GER	4:40.94	NADINE DAY	USA	1:20.79	BRITT STOTT	RSA
31.99	M.MARTIN-QUEVIL	CAN	1:07.55	JENNY MOONEY	USA	4:43.07	ANA GRILLO	POR	1:20.91	V. SCHLESINGER	GER
32.24	CHIE UDA	JPN	1:07.93	CORINNA MIEDE	GER	4:46.20	BARBARA GRILLO	ITA	1:21.01	LOUISE MARTIN	USA
32.29	KUNI MORI	JPN	1:08.36	ALFONSINA IRACE	ITA	4:48.30	SANDIE EASTON	USA	1:21.76	IVANA MOUCHOVA	CZE
32.33	SARA POMPEI	ITA	1:08.40	SIMONE DICKMANN	GER	4:50.05	NICOLA LATTY	GBR	1:21.80	LUCY CLARKE	GBR
32.40	TANJA OP DEN ORTH	GER	1:08.53	KIRSTEN HARTIG	GER	4:50.23	ANDREA HALBACH	GER	1:21.88	SUE FAWN	GBR
32.42	HILLIARY THOMPSON	USA	200 M. FLY			4:53.55	SHARON TIRAN	RSA	200 M. BRST		
32.45	DAWN PALMER	GBR	2:28.20	S BAUSHER-GRYBOS	USA	4:55.64	JANET MCLEAN	GBR	2:48.03	NADINE DAY	USA
32.66	ADINA FAUR	ISR	2:32.10	MIRIAM CARLSON	USA	4:55.78	DANA WOODY	USA	2:50.51	SUE FAWN	GBR
						800 M. FREE			2:52.42	LOUISE MARTIN	USA
						9:34.49	JACQUI ROBINSON	AUS	2:52.52	ANNETT REX	GER



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

2:53.87	KATJA SEEGER-BOSE	GER	1:01.47	JENNIFER RIDGE	USA	2:39.83	N.MUIR-COCHRANE	GBR	2:37.96	SOPHIE MONGINET	BRA
2:54.07	BRITT STOTT	RSA	1:01.74	YUKIKO OZAWA	JPN	2:41.88	JILL GELLATLY	USA	400 M. I.M.		
2:55.09	C. CHATTERTON	AUS	1:01.76	BEVERLY MCCARNEY	RSA	2:42.87	WENDY SEGREST	USA	5:22.15	K.WULFF-HOPPE	GER
2:56.84	LUCY CLARKE	GBR	1:01.80	LAUREEN WELTING	USA	2:44.48	DOROTHEA PIELKE	GER	5:38.28	SOPHIE MONGINET	BRA
2:57.85	G.CHERUBINI	ITA	1:01.92	EDITH OTTERMAN	RSA	50 M. BRST			5:38.79	AMANDA PICARD	SUI
2:57.95	DORRIS GRAN	ESP	1:02.00	CHARLOTT PETERSEN	USA	34.70	S.SEMINATORE	ITA	5:38.95	BEATE SCHOLTYSSEK	GER
50 M. FLY			1:02.14	NORMA CAHILL	GBR	34.88	P.BRULHART N'DULA	SUI	5:39.84	HOFMANN-SCHIEDLER	GER
29.32	YUKI INOUE	JPN	200 M. FREE			36.56	DANIELA DE PONTI	ITA	5:40.57	KAARI REIERSON	USA
29.56	SUNNY SMILEY	USA	2:12.31	CHARLOTT PETERSEN	USA	36.91	YOKO OZAKI	JPN	5:42.73	ANDREA LUALLEN	USA
30.16	NADINE DAY	USA	2:13.14	LAUREEN WELTING	USA	37.02	ELKE SCHMITZ	GER	5:43.62	N.MUIR-COCHRANE	GBR
30.57	SUSAN HILL	GBR	2:14.64	JENNIFER RIDGE	USA	37.05	TOMOMI MIYAZONO	JPN	5:45.14	MIYUKI YAMAGUCHI	JPN
30.57	YOKO YAMAGUCHI	JPN	2:14.72	SILVIA PAROCCHI	ITA	37.12	HOFMANN-SCHIEDLER	GER	5:47.44	DUNJA VOOS	GER
30.60	MONICA SORO	ITA	2:16.57	HEATHER HAGADORN	USA	37.57	ANGELA KRAUSE	GER			
30.64	TERESA DRAY	GBR	2:17.23	NORMA CAHILL	GBR	37.65	B.BANTLE-HAAS	GER	*****		
30.65	KYOKO YAMADA	JPN	2:18.06	AMANDA PICARD	SUI	37.71	SUE LYONS	AUS	WOMEN 40-44		
30.66	KATRIN LEHMANN	GER	2:18.43	MIKI TAKAYAMA	JPN	100 M. BRST			*****		
30.75	LIVIA COPARIU	ITA	2:19.37	ELKE HAGEDORN	GER	1:19.16	S.SEMINATORE	ITA	50 M. FREE		
100 M. FLY			2:19.98	PETRA FROWIEN	NED	1:19.24	MARZENA KULIS	ITA	26.88	MARIA DOELGER	USA
1:05.71	NADINE DAY	USA	400 M. FREE			1:20.53	DANIELA DE PONTI	ITA	27.56	BARBARA GELLRICH	GER
1:06.12	HIDEKO HIRANAKA	JPN	4:39.79	CHARLOTT PETERSEN	USA	1:20.91	ELKE BRAZEL	GER	27.62	K PIPESNEILSEN	USA
1:08.68	SUNNY SMILEY	USA	4:41.71	LAUREEN WELTING	USA	1:21.39	BEATE SCHOLTYSSEK	GER	28.02	SARAH MACDONALD	CAN
1:08.71	TERESA DRAY	GBR	4:44.39	ELKE HAGEDORN	GER	1:21.97	YOKO OZAKI	JPN	28.08	DIANA MC DONOUGH	USA
1:08.72	KARINE JANNOU	FRA	4:48.15	AMANDA PICARD	SUI	1:22.28	TOMOMI MIYAZONO	JPN	28.16	STEFFI NIEMITZ	GER
1:08.82	YOKO YAMAGUCHI	JPN	4:50.77	JILL GELLATLY	USA	1:22.29	ELKE SCHMITZ	GER	28.70	KARIN SEICK	GER
1:08.95	MARIA KELLY	GBR	4:51.14	ELLEN MACGREGOR	USA	1:22.35	HOFMANN-SCHIEDLER	GER	28.83	CAROLINE KRATTLI	USA
1:09.09	TANJA DEGENKOLBE	GER	4:51.48	HEATHER HAGADORN	USA	1:23.39	GABRIELA BERRUETA	MEX	28.96	UTE ROMBERG	GER
1:09.22	NICOLA LATTY	GBR	4:55.71	LAURIE HUG	USA	200 M. BRST			28.99	CATHY CODLING	AUS
1:10.21	SANDIE EASTON	USA	4:56.68	SOPHIE MONGINET	BRA	2:50.26	MARZENA KULIS	ITA	100 M. FREE		
200 M. FLY			4:58.78	HEIKE RUCKER	GER	2:55.25	S.SEMINATORE	ITA	58.43	MARIA DOELGER	USA
2:27.29	NICOLA LATTY	GBR	800 M. FREE			2:56.24	BEATE SCHOLTYSSEK	GER	1:00.10	K PIPESNEILSEN	USA
2:28.17	HIDEKO HIRANAKA	JPN	9:39.34	CHARLOTT PETERSEN	USA	3:00.61	YOKO OZAKI	JPN	1:02.35	UTE ROMBERG	GER
2:29.25	NADINE DAY	USA	9:51.29	AMANDA PICARD	SUI	3:02.04	SUE LYONS	AUS	1:02.86	DIANA MC DONOUGH	USA
2:30.51	SANDIE EASTON	USA	9:52.31	ELKE HAGEDORN	GER	3:02.52	ROSI KRAUSS	GER	1:03.73	ANDREA HEUVENS	GER
2:30.59	ANA GRILLO	POR	9:52.43	HEATHER HAGADORN	USA	3:02.68	HOFMANN-SCHIEDLER	GER	1:03.80	MARIA ALWINE EDER	ITA
2:31.68	JACQUI ROBINSON	AUS	9:58.95	LAURIE HUG	USA	3:03.51	ELKE SCHMITZ	GER	1:03.95	STEFFI NIEMITZ	GER
2:33.21	KARINE JANNOU	FRA	10:02.53	JILL GELLATLY	USA	3:05.75	SIMONE NAKANO	BRA	1:04.04	JENNIFER PORTMAN	USA
2:35.58	CLAIRE SWEENEY	GBR	10:11.89	JOLANDA OUDKERK	GER	3:06.15	G.BERRUETA	MEX	1:04.08	LYNN MARSHALL	CAN
2:36.04	JANET MCLEAN	GBR	10:17.43	BEVERLY MCCARNEY	RSA	50 M. FLY			1:04.42	NANCY DURAN	USA
2:36.30	TANJA DEGENKOLBE	GER	10:18.96	CLAUDIA KERN	GER	29.97	SILVIA PAROCCHI	ITA	200 M. FREE		
200 M. I.M.			10:20.03	ANDREA LUALLEN	USA	30.17	KAREN JAMES	USA	2:09.00	K PIPES-NEILSEN	USA
2:25.63	NADINE DAY	USA	1500 M. FREE			30.26	MURIELLE MARTIN	FRA	2:14.24	MARIA DOELGER	USA
2:27.01	HIDEKO HIRANAKA	JPN	18:44.37	LAURIE HUG	USA	30.39	P.BRULHART N'DULA	SUI	2:17.40	DIANA MC DONOUGH	USA
2:33.14	C. CHATTERTON	AUS	18:52.07	ELKE HAGEDORN	GER	30.49	MIKI TAKAYAMA	JPN	2:17.44	BARBARA GELLRICH	GER
2:34.53	MONICA SORO	ITA	18:56.25	JILL GELLATLY	USA	30.64	YUKIKO OZAWA	JPN	2:18.44	CAROLINE KRATTLI	USA
2:35.03	SUSAN HILL	GBR	18:58.08	S.REIBEL-OBERLE	GER	30.74	VICTORIA WATSON	GBR	2:19.03	ANDREA HEUVENS	GER
2:35.45	LIDIA VAN BON	NED	19:06.47	HEATHER HAGADORN	USA	30.74	BECKY HELLER	USA	2:19.23	ANDREA BLOCK	USA
2:36.14	JENNIFER KOBI	CAN	19:55.75	SOPHIE MONGINET	BRA	30.78	MARISA PASUDETTI	ITA	2:22.18	DENISE BROWN	USA
2:36.75	KARINE JANNOU	FRA	20:01.79	PAMELA SMART	AUS	30.82	KATHERINE VEALE	GBR	2:22.97	IRIS TECKENTRUP	GER
2:37.21	SANDIE EASTON	USA	20:15.14	SALLY PRIOR	GBR	100 M. FLY			2:23.52	AMY CAROW	USA
2:37.60	PETRA DUDA	GER	20:26.25	URSULA SCHULZ	GBR	1:07.75	MIKI TAKAYAMA	JPN	400 M. FREE		
400 M. I.M.			20:35.20	LAURA DAMIANI	ITA	1:07.88	HELEN WHITFORD	AUS	4:30.82	K PIPESNEILSEN	USA
5:11.15	NADINE DAY	USA	50 M. BACK			1:07.92	KAREN JAMES	USA	4:45.36	CRISTINA SOARES	BRA
5:23.29	C. CHATTERTON	AUS	32.78	KATHERINE VEALE	GBR	1:08.16	CEILI MITTON	AUS	4:48.39	CAROLINE KRATTLI	USA
5:30.19	NICOLA LATTY	GBR	32.85	HIROKO NOGUCHI	JPN	1:08.19	JENNIFER RIDGE	USA	4:52.17	DENISE BROWN	USA
5:35.20	PETRA DUDA	GER	32.97	SILVIA PAROCCHI	ITA	1:08.72	DANIELA DE PONTI	ITA	4:53.91	ANDREA HEUVENS	GER
5:35.41	JANET MCLEAN	GBR	33.01	ANDREA LUALLEN	USA	1:08.90	KATHERINE VEALE	GBR	4:54.64	DIANA MC DONOUGH	USA
5:36.43	SANDIE EASTON	USA	33.09	LENKA NEMECKOVA	CZE	1:09.20	HEIKE RUCKER	GER	4:57.60	ANNA MARIA NUNIA	ITA
5:37.06	SHARON TIRAN	RSA	33.42	INA BUTTGEREIT	GER	1:09.33	BEATE SCHOLTYSSEK	GER	4:57.68	ANDREA BLOCK	USA
5:37.14	TANJA DEGENKOLBE	GER	33.50	JUNKO NAKANO	JPN	1:09.42	GABI OTTKE	GER	4:58.11	BARBARA GELLRICH	GER
5:38.75	CLAIRE SWEENEY	GBR	33.52	MIKI NAMAI	JPN	200 M. FLY			4:59.03	UTE ROMBERG	GER
5:41.04	KATE DURRANT	AUS	33.63	MARIE ARMENTERO	ITA	2:31.75	KATE VEALE	GBR	800 M. FREE		
*****			33.69	K.WULFF-HOPPE	GER	2:33.06	BEATE SCHOLTYSSEK	GER	9:21.75	K PIPES-NEILSEN	USA
*****			100 M. BACK			2:35.50	JOLANDA OUDKERK	GER	9:55.23	DENISE BROWN	USA
*****			1:08.45	SILVIA PAROCCHI	ITA	2:36.01	HEIKE RUCKER	GER	9:57.65	CAROLINE KRATTLI	USA
*****			1:10.25	ANDREA LUALLEN	USA	2:36.41	HELEN WHITFORD	AUS	10:07.90	ANNA MARIA NUNIA	ITA
50 M. FREE			1:12.25	HELEN WHITFORD	AUS	2:37.47	SOPHIE MONGINET	BRA	10:10.04	MARGE CURRAN	USA
27.37	YUKIKO OZAWA	JPN	1:12.63	FALL WILLEBOORDSE	USA	2:37.74	K.WULFF-HOPPE	GER	10:16.87	REBECCA KALIBAT	USA
27.65	EDITH OTTERMAN	RSA	1:12.97	MIKI NAMAI	JPN	2:38.05	KAREN JAMES	USA	10:21.13	ANDREA HEUVENS	GER
27.79	FALL WILLEBOORDSE	USA	1:13.70	BEVERLY MCCARNEY	RSA	2:39.03	LAUREEN WELTING	USA	10:22.82	ANDREA BLOCK	USA
27.98	MARIE ARMENTERO	ITA	1:13.91	JENNIFER RIDGE	USA	2:40.33	KAREN BECKER	USA	10:25.77	VIBEKE SWANSON	USA
28.29	DANIELA DE PONTI	ITA	1:14.49	WENDY SEGREST	USA	200 M. I.M.			10:26.37	MARGUERITE MEYER	USA
28.29	MURIELLE MARTIN	FRA	1:14.51	JANET HARRIS	USA	2:30.42	KATHERINE VEALE	GER	1500 M. FREE		
28.42	ANJA TIJINK	NED	1:14.93	JACKIE HEER	USA	2:34.04	SILVIA PAROCCHI	ITA	17:56.52	K PIPES-NEILSEN	USA
28.43	JUNKO NAKANO	JPN	200 M. BACK			2:34.24	MIKI TAKAYAMA	JPN	18:50.58	DENISE BROWN	USA
28.50	KAREN JAMES	USA	2:26.44	SILVIA PAROCCHI	ITA	2:34.36	LAUREEN WELTING	USA	19:13.22	CAROLINE KRATTLI	USA
28.56	JENNIFER RIDGE	USA	2:28.93	K.WULFF-HOPPE	GER	2:35.41	JENNIFER RIDGE	USA	19:22.90	ANNA MARIA NUNIA	ITA
100 M. FREE			2:37.07	MIKI NAMAI	JPN	2:36.13	BEVERLY MCCARNEY	RSA	19:33.16	ANDREA BLOCK	USA
1:00.69	SILVIA PAROCCHI	ITA	2:37.58	ANDREA LUALLEN	USA	2:36.27	CHARLOTT PETERSEN	USA	19:43.00	MARGUERITE MEYER	USA
1:00.85	FALL WILLEBOORDSE	USA	2:38.15	HELEN WHITFORD	AUS	2:36.92	HELEN WHITFORD	AUS	20:08.62	AMY CAROW	USA
1:01.27	KAREN JAMES	USA	2:38.65	CHARLOTT PETERSEN	USA	2:37.94	ELKE BRAZEL	GER	20:12.82	DANA HAUGLI	GBR



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

Table with 10 columns: Rank, Name, Country, Rank, Name, Country, Rank, Name, Country, Rank, Name, Country. Lists top 10 swimmers in various categories including 200m, 400m, 800m, 1500m, and 50m fly.





## FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

28.46	JACKI HIRSTY	USA	1:20.90	ANNE CORK	GBR	3:16.37	KAY GRAHAM	AUS	12:36.60	ANGELIKA RADAU	GER
29.35	LAURA VAL	USA	1:24.17	ANN GUINS	USA	3:21.93	CATHY MANCINO	USA	12:40.45	M ELAINE BLOWER	GBR
30.05	M.RICHTHOFEN	GER	1:24.18	KAY VALLANCE	AUS	3:23.53	JACKIE WALKINGTON	AUS	12:47.09	JACKIE QUATTRO	USA
30.20	REGULA STEIGER	SUI	1:24.74	MORAG BROMFIELD	RSA	3:26.79	SHERRY KITTRELL	USA	12:47.69	RITSUKO KUROSAWA	JPN
30.48	JOEL FELDMANN	USA	1:24.89	ANNE LABORWIT	USA	200 M. I.M.			12:51.48	JOANNE MENARD	USA
30.65	DANIELLE OGIER	USA	1:25.14	SUSAN HALFACRE	USA	2:45.48	DANIELLE OGIER	USA	1500 M. FREE		
30.80	PAM COBB	USA	1:25.32	TOKO NARUMI	JPN	2:48.48	LAURA VACA	MEX	23:10.03	JULIE CRAYFORD	GBR
30.83	SUE HODGE	GBR	200 M. BACK		2:55.05	ANNE CORK	GBR	23:19.78	JUNKO IDE	JPN	
30.89	H.REICHEL	GER	2:49.48	LAURA VAL	USA	2:57.84	KATHI LINDSTROM	USA	24:32.15	JOANNE MENARD	USA
31.23	YURI SUETSUGU	JPN	2:53.05	ANNE CORK	GBR	3:01.26	CLAUDIA KOCH	GER	24:37.45	MARY POHLMANN	USA
100 M. FREE			3:03.31	ANNE LABORWIT	USA	3:01.46	MIRA GUGLIELMI	ITA	24:51.47	TOMIKO MURAI	JPN
1:03.51	LAURA VAL	USA	3:03.64	SKIPPY MATTSON	USA	3:02.74	LIZ RUTHERFORD	GBR	24:52.11	ANN SVENSON	USA
1:03.58	JACKI HIRSTY	USA	3:06.08	DEB WALKER	USA	3:03.51	JANETTE JEFFREY	AUS	24:54.42	ANGELIKA RADAU	GER
1:07.73	PAM COBB	USA	3:06.61	TOKO NARUMI	JPN	3:05.62	ULRIKE URBANIAK	GER	24:54.67	JANET GETTLING	USA
1:07.91	SUSAN HALFACRE	USA	3:07.60	MEREDITH MOORE	USA	3:07.48	SKIPPY MATTSON	USA	25:05.44	KATHRINE CASEY	USA
1:08.37	DOT MUNGER	USA	3:08.93	TAKAKO OKUBO	JPN	400 M. I.M.			25:13.34	ELZA ADOLPHO	BRA
1:09.13	SUSAN HODGE	GBR	3:09.45	HISAE HAYASAKA	JPN	5:55.17	LAURA VACA	PUR	50 M. BACK		
1:09.31	M.RICHTHOFEN	GER	3:09.71	KARLEN TREBESINER	USA	5:59.05	DANIELLE OGIER	USA	36.28	MICHIKO KIHARA	JPN
1:09.45	J SWAGERTY-HILL	USA	50 M. BRST		6:18.69	BARBARA DUNBAR	USA	36.96	MARGIT OHLSSON	SWE	
1:09.51	KATHI LINDSTROM	USA	38.13	PETRA SCHROER	GER	6:25.49	SUSAN HAIGH	GBR	37.04	YOKO NAKAMURA	JPN
1:09.88	REGULA STEIGER	SUI	39.00	REGULA STEIGER	SUI	6:29.00	PRISCILL KAWAKAMI	USA	39.64	LYNNE TANNER	GBR
200 M. FREE			39.10	DOT MUNGER	USA	6:29.86	SKIPPY MATTSON	USA	40.12	JULIE GUNTHORP	AUS
2:17.69	LAURA VAL	USA	39.54	DEB WALKER	USA	6:38.09	CLAUDIA KOCH	GER	40.59	SUSIE BRESLIN	GBR
2:22.18	JACKI HIRSTY	USA	39.68	DANIELLE OGIER	USA	6:48.62	JACKIE WALKINGTON	AUS	40.59	JEANNIE MITCHELL	USA
2:25.55	DANIELLE OGIER	USA	39.78	CONNY NEUBERT	GER	6:53.72	JENNY IRELAND	RSA	40.99	MARILYN BROWN	GBR
2:30.19	DOT MUNGER	USA	40.08	ULRIKE URBANIAK	GER	6:54.19	WENDY CIMARNO	CAN	41.50	BITTE AXLING	SWE
2:30.62	BARBARA DUNBAR	USA	40.18	JENNIFER MERRITT	GBR				41.74	IZUMI MIURA	JPN
2:31.45	SUSAN HALFACRE	USA	40.79	BRIGITTE KUHL	GER	*****			100 M. BACK		
2:31.97	KATHI LINDSTROM	USA	41.31	CARMEN CORRES	ESP	*****			1:23.90	MARGIT OHLSSON	SWE
2:35.82	DEB WALKER	USA	100 M. BRST		50 M. FREE				1:25.50	BRIGITTE MERTEN	GER
2:36.20	PRISCILL KAWAKAMI	USA	1:24.69	PETRA SCHROER	GER	29.87	CHERYL GOMMERS	AUS	1:29.03	JEANNIE MITCHELL	USA
2:36.44	ANNE LABORWIT	USA	1:26.65	ULRIKE URBANIAK	GER	31.67	F WILLIAMSON	USA	1:29.14	SUSIE BRESLIN	GBR
400 M. FREE			1:27.07	DEB WALKER	USA	31.72	JUDY WILSON	GBR	1:29.58	JULIE GUNTHORP	AUS
4:50.77	LAURA VAL	USA	1:27.12	REGULA STEIGER	SUI	31.72	JUDY WILSON	GBR	1:30.48	LYNNE TANNER	GBR
4:59.43	JACKI HIRSTY	USA	1:27.33	JENNIFER MERRITT	GBR	32.13	MICHIKO KIHARA	JPN	1:31.19	MARY POHLMANN	USA
5:08.31	LAURA VACA	PUR	1:27.38	DOT MUNGER	USA	32.37	BRIGITTE MERTEN	GER	1:31.31	MARCIA BARRY	USA
5:10.28	BARBARA DUNBAR	USA	1:28.19	DANIELLE OGIER	USA	32.38	YOKO NAKAMURA	JPN	1:33.14	KATHRINE CASEY	USA
5:16.89	KATHI LINDSTROM	USA	1:29.93	CONNY NEUBERT	GER	32.78	YASUKO SOGA	JPN	1:33.26	IZUMI MIURA	JPN
5:23.50	SUSAN HALFACRE	USA	1:32.39	KAY GRAHAM	AUS	33.26	CHRISTIE HAYES	USA	200 M. BACK		
5:25.02	DEB WALKER	USA	1:32.54	CATHY MERRITT	CAN	33.38	JUDY ALDEN	GBR	3:01.20	MARGIT OHLSSON	SWE
5:26.57	PRISCILL KAWAKAMI	USA	200 M. BRST		33.96	ANNE PAGE	USA	3:05.03	BRIGITTE MERTEN	GER	
5:32.39	SUSAN HAIGH	GBR	3:04.92	ULRIKE URBANIAK	GER	100 M. FREE			3:09.13	YVONNE LEONOV	ISR
5:35.67	CLAUDIA KOCH	GER	3:08.65	JENNIFER MERRITT	GBR	1:09.13	SUSAN HODGE	GBR	3:11.41	JULIE GUNTHORP	AUS
800 M. FREE			3:10.20	DEB WALKER	USA	1:09.55	F WILLIAMSON	USA	3:12.62	MARY POHLMANN	USA
9:57.52	LAURA VAL	USA	3:12.24	DANIELLE OGIER	USA	1:11.18	BRIGITTE MERTEN	GER	3:13.12	SUSIE BRESLIN	GBR
10:21.14	JACKI HIRSTY	USA	3:13.56	DOT MUNGER	USA	1:11.20	JUDY WILSON	GBR	3:13.76	MARCIA BARRY	USA
10:24.67	LAURA VACA	PUR	3:15.56	PETRA SCHROER	GER	1:11.67	CAROL FELLOWS	GBR	3:18.21	JULIA KEMP	GBR
10:32.73	BARBARA DUNBAR	USA	3:16.67	BEV STUBBINGS	AUS	1:13.49	ANNE ROSE TROBISCH	GER	3:18.22	MASAKO AKITA	JPN
10:45.68	KATHI LINDSTROM	USA	3:20.63	KAY GRAHAM	AUS	1:16.62	MARCIA BARRY	USA	3:19.46	JEANNIE MITCHELL	USA
11:09.18	DANIELLE OGIER	USA	3:24.59	CARMEN CORRES	ESP	1:16.74	JUDY ALDEN	GBR	50 M. BRST		
11:16.89	PRISCILL KAWAKAMI	USA	3:25.26	S.MORCHE-BLOCH	GER	1:17.16	ANGELIKA RADAU	GER	39.66	JAN WICKS	AUS
11:25.65	CLAUDIA KOCH	GER	50 M. FLY		1:17.85	BITTE AXLING	SWE	41.12	JULIE CRAYFORD	GBR	
11:26.80	MARGARETA RAINER	SWE	31.86	LAURA VAL	USA	200 M. FREE			41.81	GINGER PIERSON	USA
11:27.82	SUSAN HAIGH	GBR	32.62	JACKI HIRSTY	USA	2:33.60	F WILLIAMSON	USA	42.08	MEEGAN WILSON	USA
1500 M. FREE			33.13	J SWAGERTY-HILL	USA	2:36.85	BRIGITTE MERTEN	GER	42.57	JUDY ALDEN	GBR
19:49.06	BARBARA DUNBAR	USA	33.92	LIZ RUTHERFORD	GBR	2:39.81	CAROL FELLOWS	GBR	42.58	IMMA GIER	GER
20:33.27	KATHI LINDSTROM	USA	34.19	C.NIEUWENHUIS	NED	2:44.04	MARCIA BARRY	USA	42.63	CHRISTIE HAYES	USA
21:23.35	PRISCILL KAWAKAMI	USA	34.41	SUSAN HALFACRE	USA	2:49.38	JUDY WILSON	GBR	42.64	YVONNE CATTRALL	CAN
21:53.61	MEREDITH MOORE	USA	34.64	REGULA STEIGER	SUI	2:50.72	MARGARETA BRASK	SWE	42.90	MARIA RICCIATTI	ITA
21:55.92	CLAUDIA KOCH	GER	34.74	DANIELLE OGIER	USA	2:51.85	JUDY ALDEN	GBR	43.03	SHIZUKA HATTORI	JPN
21:59.40	SUSAN HAIGH	GBR	34.86	YOSHIKO KADOSAKA	JPN	2:52.46	NANETTE BRANDT	AUS	43.03	F WILLIAMSON	USA
22:37.12	ANNE CORK	GBR	35.15	HISAMI NAKAO	JPN	2:54.20	ANN LYTLE	USA	100 M. BRST		
22:40.90	CARMEN CORRES	ESP	100 M. FLY		2:54.68	JACKIE QUATTRO	USA	1:33.38	GINGER PIERSON	USA	
22:44.31	SALLY GUTHRIE	USA	1:09.27	LAURA VAL	USA	400 M. FREE			1:33.45	IMMA GIER	GER
23:05.40	WENDY CIMARNO	CAN	1:18.62	BARBARA DUNBAR	USA	5:30.61	F WILLIAMSON	USA	1:33.67	VLASTA OEHL	GER
50 M. BACK			1:22.17	CLAUDIA KOCH	GER	5:41.90	MARCIA BARRY	USA	1:35.21	JULIE CRAYFORD	GBR
33.60	J SWAGERTY-HILL	USA	1:22.54	LIZ RUTHERFORD	GBR	5:55.61	JULIE CRAYFORD	GBR	1:35.42	MEEGAN WILSON	USA
34.41	LAURA VAL	USA	1:23.22	KAY GRAHAM	AUS	6:06.29	ANGELIKA RADAU	GER	1:35.67	YOSHIE OGASAWARA	JPN
36.07	BENEDICTE DUPREZ	FRA	1:24.88	MICHIKO OTO	JPN	6:07.15	MARGARETA BRASK	SWE	1:35.70	KAYAKO HIROSE	JPN
37.02	SUSAN HALFACRE	USA	1:25.99	CLAIRE GRIFFITHS	GBR	6:09.29	JUNKO IDE	JPN	1:36.22	ANNEGRET VOLCKER	GER
37.28	MORAG BROMFIELD	RSA	1:26.55	S.MORCHE-BLOCH	GER	6:11.66	SUSAN GUSTAVISON	CAN	1:36.62	CHRISTIE HAYES	USA
37.31	ANN GUINS	USA	1:27.00	CATHY MANCINO	USA	6:11.83	JACKIE QUATTRO	USA	1:36.87	BEV SHUTTLEWORTH	RSA
37.51	ANNE CORK	GBR	1:28.00	MERYL ALEXANDER	GBR	6:13.17	ANN LYTLE	USA	200 M. BRST		
37.88	KAY VALLANCE	AUS	200 M. FLY		6:14.90	JUDY ALDEN	GBR	3:24.51	YOSHIE OGASAWARA	JPN	
37.92	DANIELLE OGIER	USA	2:37.52	LAURA VAL	USA	800 M. FREE			3:24.56	JULIE CRAYFORD	GBR
38.51	RONA JOFFE	ISR	2:52.86	BARBARA DUNBAR	USA	11:29.35	MARCIA BARRY	USA	3:25.11	ANNEGRET VOLCKER	GER
100 M. BACK			2:53.53	M.NEUMEISTER	GER	11:57.05	JULIE CRAYFORD	GBR	3:27.76	MEEGAN WILSON	USA
1:16.66	J SWAGERTY-HILL	USA	3:01.16	SUSAN HAIGH	GBR	12:05.47	DEBORAH BARTON	GBR	3:28.14	TAMAE FURUYA	JPN
1:17.17	LAURA VAL	USA	3:01.93	CLAUDIA KOCH	GER	12:22.94	JUDY WILSON	GBR	3:30.08	GINGER PIERSON	USA
1:20.45	BENEDICTE DUPREZ	FRA	3:14.77	S.MORCHE-BLOCH	GER	12:26.66	JUNKO IDE	JPN	3:31.14	CHRISTIE HAYES	USA



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

3:31.79	DANIELA BARNEA	USA	1:19.14	BONNIE PRONK	CAN	3:23.47	KAZUKO ITO	JPN	6:36.99	JACKIE MARR	USA
3:33.72	E.KOWALEWSKI	GER	1:20.07	PENNY WEBSTER	GBR	3:26.59	NORIKO YOSHIDA	JPN	6:40.49	HANNELORE ROSE	GER
3:34.28	RITSUKO KUROSAWA	JPN	1:20.21	JEAN HOWARD-JONES	GBR	50 M. BRST			6:44.28	JEN THOMASSON	AUS
50 M. FLY			1:22.53	DOREEN GORDON	GBR	39.76	BONNIE PRONK	CAN	6:48.38	SILVANA ABREU	BRA
33.46	JUDY WILSON	GBR	1:22.53	BETH SCHREINER	USA	40.51	MONIKA SENFTLEBEN	GER	7:15.42	RENATE ZSCHOCKELT	GER
34.85	YASUKO SOGA	JPN	200 M. FREE			42.32	DIANE FORD	GBR	7:20.24	GERDA WILLIAMS	AUS
35.97	HARRIET BURE	SWE	2:41.27	JACKIE MARR	USA	42.46	ELAINE BROMWICH	GBR	7:23.72	LYNNE LUND	USA
36.09	BRIGITTE MERTEN	GER	2:43.48	JEN THOMASSON	AUS	43.10	JOANN LEILICH	USA	7:28.76	JOY WARD	USA
36.50	SUSANA BARKLEY	ESP	2:47.84	CHRISTEL SCHULZ	GER	43.97	JEN THOMASSON	AUS	7:34.33	MARIA H. PADILLA	BRA
36.83	A SUSAN TYLER	USA	2:52.31	CARROL WANNELL	AUS	45.10	ROSEMARIE PAPKE	GER	7:35.72	SUSAN MEYERS	USA
37.11	JAN WICKS	AUS	2:53.43	PENNY WEBSTER	GBR	45.68	CHRISTINE PERFECT	GBR			
37.60	LYNNE TANNER	GBR	2:55.79	SILVANA ABREU	BRA	45.82	KAZUKO KAJIWARA	JPN	*****		
37.92	JANET GETTLING	USA	2:57.31	BONNIE PRONK	CAN	45.94	MONIKA WARNUSZ	GER	*****		
38.04	SANDI ROUSSEAU	USA	3:00.75	M.DI-CESARE	NZL	100 M. BRST			*****		
100 M. FLY			3:00.83	KAYE BEER	AUS	1:30.51	HANNELORE ROSE	GER	50 M. FREE		
1:18.19	JUDY WILSON	GBR	3:00.99	IKUKO OKADO	JPN	1:31.63	BONNIE PRONK	CAN	34.10	PAM HUTCHINGS	AUS
1:22.41	BRIGITTE MERTEN	GER	400 M. FREE			1:33.90	DIANE FORD	GBR	34.38	OLGA KREJCI	SUI
1:23.88	JULIE CRAYFORD	GBR	5:43.02	JACKIE MARR	USA	1:35.32	JEN THOMASSON	AUS	35.90	FUSAKO HIROOKA	JPN
1:27.98	A SUSAN TYLER	USA	5:45.68	JEN THOMASSON	AUS	1:35.64	ELAINE BROMWICH	GBR	35.97	KEIKO YAMADA	JPN
1:28.59	KEIKO HONDA	JPN	5:48.80	HANNELORE ROSE	GER	1:36.20	MONIKA SENFTLEBEN	GER	36.12	JEANNE LITTLE	USA
1:30.51	HARRIET BURE	SWE	6:01.60	PENNY WEBSTER	GBR	1:37.36	JOANN LEILICH	USA	36.23	HISAKO SATO	JPN
1:31.47	RITSUKO KUROSAWA	JPN	6:02.34	CARROL WANNELL	AUS	1:38.24	MONIKA WARNUSZ	GER	36.25	BARBARA ZAREMSKI	USA
1:31.78	JANET GETTLING	USA	6:13.35	JANE KATZ	USA	1:38.78	LUISE KNOPFLE	GER	36.90	HELGA REICH	GER
1:32.68	GINGER PIERSON	USA	6:19.56	KAZUKO ITO	JPN	1:38.96	SILVANA ABREU	BRA	36.93	KUMIE TOKUDA	JPN
1:35.02	KEIKO UESUGI	JPN	6:20.19	SARAH KOPSKY	USA	200 M. BRST			37.10	SHOKO YONEZAWA	JPN
200 M. FLY			6:25.04	JUDITH VAN BERKEL	NED	3:16.08	HANNELORE ROSE	GER	100 M. FREE		
3:06.85	JUDY WILSON	GBR	6:25.76	ANNE KREISEL	GER	3:20.22	BONNIE PRONK	CAN	1:13.79	YOSHIKO OSAKI	JPN
3:17.67	JULIE CRAYFORD	GBR	800 M. FREE			3:22.36	DIANE FORD	GBR	1:17.82	PAM HUTCHINGS	AUS
3:25.55	GINGER PIERSON	USA	11:33.65	JEN THOMASSON	AUS	3:26.43	ELAINE BROMWICH	GBR	1:22.70	BARBARA ZAREMSKI	USA
3:28.61	RITSUKO KUROSAWA	JPN	11:41.17	JACKIE MARR	USA	3:29.28	JOANN LEILICH	USA	1:23.16	HELGA REICH	GER
3:30.26	PATRICIA JACKSON	GBR	11:47.20	HANNELORE ROSE	GER	3:29.78	MONIKA SENFTLEBEN	GER	1:23.87	MIDGE KRAETZER	USA
3:35.90	INGEBORG SEIDEL	GER	12:15.72	CARROL WANNELL	AUS	3:30.00	SILVANA ABREU	BRA	1:24.76	HISAKO SATO	JPN
3:36.01	EMIKO OIE	JPN	12:41.89	JANE KATZ	USA	3:32.69	MONIKA WARNUSZ	GER	1:24.93	KEIKO YAMADA	JPN
3:37.42	KEIKO HONDA	JPN	12:44.49	SILVANA ABREU	BRA	3:33.22	LUISE KNOPFLE	GER	1:25.70	SHOKO YONEZAWA	JPN
3:40.24	JANET GETTLING	USA	12:51.47	SARAH KOPSKY	USA	3:36.32	JUDITH VAN BERKEL	NED	1:26.29	MARGA SCHULZE	GER
3:48.72	BARBARA LARSEN	USA	13:06.12	BARBARA FRID	USA	50 M. FLY			1:26.31	FUSAKO HIROOKA	JPN
200 M. I.M.			13:09.72	CLAIRE O'BRIEN	USA	35.83	CHRISTEL SCHULZ	GER	200 M. FREE		
2:53.72	BRIGITTE MERTEN	GER	13:24.93	ANNE KREISEL	GER	36.20	MICHIE DOI	JPN	2:49.16	YOSHIKO OSAKI	JPN
3:05.75	JULIE CRAYFORD	GBR	1500 M. FREE			37.16	SARAH KOPSKY	USA	2:55.31	PAM HUTCHINGS	AUS
3:10.85	MARGIT OHLSSON	SWE	22:32.06	JEN THOMASSON	AUS	37.27	JOY WARD	USA	3:00.29	HELGA REICH	GER
3:11.60	CHRISTIE HAYES	USA	23:59.60	PENNY WEBSTER	GBR	38.88	SILVANA ABREU	BRA	3:01.97	REIKO ISHIZAKI	JPN
3:13.51	YVONNE LEONOV	ISR	24:14.04	JANE KATZ	USA	39.09	BARBARA FRID	USA	3:06.19	MIDGE KRAETZER	USA
3:14.68	RITSUKO KUROSAWA	JPN	24:17.43	SARAH KOPSKY	USA	39.66	KAYE BEER	AUS	3:07.48	ANN GRANTHAM	GBR
3:15.86	MICHIKO MOTEGI	JPN	25:23.67	MICHIKO SHINOHARA	JPN	39.66	BONNIE PRONK	CAN	3:07.69	MARGA SCHULZE	GER
3:16.59	HARRIET BURE	SWE	25:27.13	CLAIRE O'BRIEN	USA	39.67	IKUKO OKADO	JPN	3:09.28	BARBARA ZAREMSKI	USA
3:19.27	GINGER PIERSON	USA	25:55.78	LYNNE LUND	USA	40.13	CHRISTINE PERFECT	GBR	3:09.63	BARBARA FENTIMAN	GBR
3:20.07	E.KOWALEWSKI	GER	25:56.10	JUDITH VAN BERKEL	NED	100 M. FLY			3:11.00	YURIKO NAGAMATSU	JPN
400 M. I.M.			26:36.33	MARIA PENNA	BRA	1:31.55	SILVANA ABREU	BRA	400 M. FREE		
6:36.99	JULIE CRAYFORD	GBR	27:15.63	JENNIFER PARKS	USA	1:33.79	BONNIE PRONK	CAN	5:46.27	YOSHIKO OSAKI	JPN
6:55.50	RITSUKO KUROSAWA	JPN	50 M. BACK			1:35.03	LYNNE LUND	USA	6:15.47	REIKO ISHIZAKI	JPN
7:01.03	CHRISTIE HAYES	USA	37.02	SATOKO TAKEUJI	JPN	1:35.07	CHRISTINE PERFECT	GBR	6:15.64	HELGA REICH	GER
7:05.62	INGEBORG SEIDEL	GER	37.87	MARGARET WILDING	GBR	1:36.29	JEN THOMASSON	AUS	6:23.97	PAM HUTCHINGS	AUS
7:10.40	MEEGAN WILSON	USA	38.61	HIROMI SATO	JPN	1:39.27	JOY WARD	USA	6:31.68	BETSY JORDAN	USA
7:11.78	A SUSAN TYLER	USA	41.33	JANET BROWN	GBR	1:39.92	MONIKA SENFTLEBEN	GER	6:32.66	MARGA SCHULZE	GER
7:14.69	GINGER PIERSON	USA	41.65	CHRISTEL SCHULZ	GER	1:41.77	YOKO UOZU	JPN	6:38.53	TAYO FUJIEDA	JPN
7:19.62	JANET GETTLING	USA	41.99	JEN THOMASSON	AUS	1:42.34	JACKIE MARR	USA	6:38.84	ANN GRANTHAM	GBR
7:20.96	KATHRINE CASEY	USA	42.49	BARBARA FRID	USA	1:44.35	MICHIE DOI	JPN	6:40.25	BARBARA FENTIMAN	GBR
7:22.64	ROSA MONTAGUE	AUS	42.92	BONNIE PRONK	CAN	200 M. FLY			6:46.85	JEANNE LITTLE	USA
*****			42.97	NORIKO YOSHIDA	JPN	3:22.22	HANNELORE ROSE	GER	800 M. FREE		
*****			43.18	KAZUKO ITO	JPN	3:27.22	SILVANA ABREU	BRA	12:06.31	YOSHIKO OSAKI	JPN
*****			100 M. BACK			3:36.05	JACKIE MARR	USA	12:47.62	REIKO ISHIZAKI	JPN
*****			1:24.35	MARGARET WILDING	GBR	3:43.58	LYNNE LUND	USA	12:49.76	HELGA REICH	GER
50 M. FREE			1:26.29	BONNIE PRONK	CAN	3:46.15	REIKO NAGASAKU	JPN	13:32.74	MARGA SCHULZE	GER
33.73	CHRISTEL SCHULZ	GER	1:28.84	CHRISTEL SCHULZ	GER	3:47.52	MONIKA SENFTLEBEN	GER	13:52.52	BETSY JORDAN	USA
33.31	JEN THOMASSON	AUS	1:31.54	JANET BROWN	GBR	3:52.69	GEORGINA HAMILTON	GBR	14:07.58	ADRIENNE PIPES	USA
33.46	KAYE BEER	AUS	1:32.87	KAZUKO ITO	JPN	4:01.57	SALLY BOLAR	USA	14:07.90	DENISE ROBERTSON	AUS
34.02	IKUKO OKADO	JPN	1:34.12	GERDA WILLIAMS	AUS	4:03.59	SUSAN MEYERS	USA	14:09.58	JUTTA SEIDL	GER
34.05	JEAN HOWARD-JONES	GBR	1:34.87	JOY WARD	USA	4:11.11	NORI NOMA	JPN	14:14.91	LOTTIE GEURTS	NED
34.09	SATOKO KAWATA	JPN	1:35.16	SARAH KOPSKY	USA	200 M. I.M.			14:16.07	SUMIRE ISHIHARA	JPN
34.28	JACKIE MARR	USA	1:35.95	NORIKO YOSHIDA	JPN	3:03.53	BONNIE PRONK	CAN	1500 M. FREE		
35.00	BETH SCHREINER	USA	1:36.11	BARBARA FRID	USA	3:04.36	HANNELORE ROSE	GER	26:27.50	BETSY JORDAN	USA
35.08	BONNIE PRONK	CAN	200 M. BACK			3:05.12	CHRISTEL SCHULZ	GER	26:56.67	ADRIENNE PIPES	USA
35.29	TERUKO NISHISAKO	JPN	3:04.51	BONNIE PRONK	CAN	3:09.34	JACKIE MARR	USA	27:06.08	DENISE ROBERTSON	AUS
100 M. FREE			3:10.78	CHRISTEL SCHULZ	GER	3:09.81	JEN THOMASSON	AUS	27:17.50	SUSAN BRADLEYCOX	USA
1:13.42	CHRISTEL SCHULZ	GER	3:12.04	JACKIE MARR	USA	3:15.11	SILVANA ABREU	BRA	27:34.48	SUMIRE ISHIHARA	JPN
1:14.16	JACKIE MARR	USA	3:18.12	JOY WARD	USA	3:25.59	JOY WARD	USA	27:44.56	SUSAN LIVINGSTON	USA
1:15.27	KAYE BEER	AUS	3:18.34	JEN THOMASSON	AUS	3:27.37	KAZUKO ITO	JPN	27:44.71	FUSAKO ENOMOTO	JPN
1:17.87	JEN THOMASSON	AUS	3:20.74	JANET BROWN	GBR	3:27.69	GERDA WILLIAMS	AUS	27:54.77	JENNY BALL	GBR
1:18.87	SILVANA ABREU	BRA	3:22.69	SARAH KOPSKY	USA	3:28.61	SATOKO KAWATA	JPN	28:17.14	BARBARA LOVE	USA
1:19.06	SATOKO KAWATA	JPN	3:22.85	GERDA WILLIAMS	AUS	400 M. I.M.			28:39.92	ATSUKO TAKEUCHI	JPN



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers for various events in 2003.





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

40.19	FLORENCE CARR	USA	2:00.02	ERIKA LANGE	GER	8:28.46	JEANNE CRAWFORD	AUS	21:51.91	SIMONE BENOIT	FRA
41.52	MIEKO KAMOSHITA	JPN	2:00.96	KAZUKO TAGUCHI	JPN	8:52.33	GLORIA STUFFEL	USA	22:13.74	NANCY AYRES	AUS
41.62	EIKO MORI	JPN	2:01.25	OLIVE HALE	GBR	200 M. I.M.			22:28.21	MARJORIE NEWMAN	USA
42.96	FUMIKO HIROOKA	JPN	2:01.30	ASAKO MANINGO	USA	4:13.99	JUNE KRAUSER	USA	1500 M. FREE		
43.33	M. CUNNINGHAM	AUS	2:01.62	JOAN KIDD	GBR	4:16.09	JEAN TROY	USA	29:53.28	MARGERY MEYER	USA
43.38	L. PARRINGTON	ZIM	200 M. BACK			4:25.02	CHIE TANI	JPN	41:56.11	MARJORIE NEWMAN	USA
43.42	YOKO KOBAYASHI	JPN	3:49.73	JOAN PARNELL	CAN	4:32.36	ERIKA LANGE	GER	50 M. BACK		
43.69	LIZ WALLIS	AUS	3:53.58	BETTY LORENZI	USA	4:47.82	BARBARA VICKERS	AUS	51.43	BUNNY CEDERLUND	USA
100 M. FREE			4:03.20	KERSTIN GJORES	SWE	4:48.59	FLORENCE CARR	USA	52.82	MARGERY MEYER	USA
1:29.02	JEAN TROY	USA	4:06.41	ERIKA LANGE	GER	4:56.38	Y. KAPLAN BADER	FRA	55.23	JEANNE MERRYMAN	USA
1:33.01	BRITT GRILLI	SWE	4:12.53	G. SCHOBEL-GRASS	GER	5:00.48	DIXIE GERMOLUS	USA	55.70	J. DRAKE-BROCKMAN	AUS
1:36.49	G. MCKENZIE-HICKS	AUS	4:19.50	SATO OHASHI	JPN	5:03.83	TEIKO SATO	JPN	56.22	SILVIA CRAVERI	ITA
1:39.20	KERSTIN GJORES	SWE	4:21.36	JOAN KIDD	GBR	5:15.17	MARIANNA HAGAN	USA	57.68	OLGA JOHNSON	NZL
1:39.31	LIZ WALLIS	AUS	4:23.77	JUNE KRAUSER	USA	400 M. I.M.			58.01	REGAN KENNER	USA
1:39.66	M. CUNNINGHAM	AUS	4:24.87	KAZUKO TAGUCHI	JPN	8:48.19	JUNE KRAUSER	USA	1:01.62	MICHIKO HAMURO	JPN
1:40.11	EIKO MORI	JPN	4:31.38	PEGGY SANBORN	USA	9:04.69	JEAN TROY	USA	1:01.70	GRE SCHONBERGER	NED
1:40.30	FUMIKO HIROOKA	JPN	50 M. BRST			9:32.13	G. SCHOBEL-GRASS	GER	1:01.97	HANA ENATSU	JPN
1:40.93	JUNE KRAUSER	USA	47.59	EDITH BOHM	GER	9:32.23	M. CUNNINGHAM	AUS	100 M. BACK		
1:42.38	MIEKO KAMOSHITA	JPN	53.86	ERIKA LANGE	GER	11:12.94	FLORENCE CARR	USA	1:54.51	BUNNY CEDERLUND	USA
200 M. FREE			54.02	JOAN PARNELL	CAN	11:45.18	GLADYS OLSEN	USA	2:00.16	SILVIA CRAVERI	ITA
3:17.42	JEAN TROY	USA	55.98	SAYOKO WATANABE	JPN	12:04.78	MARIANNA HAGAN	USA	2:02.46	REGAN KENNER	USA
3:25.72	BRITT GRILLI	SWE	57.14	YOKO KOBAYASHI	JPN	12:05.12	JOAN GLARATON	USA	2:05.89	J. DRAKE-BROCKMAN	AUS
3:33.14	LIZ WALLIS	AUS	57.33	JOAN KIDD	GBR	12:28.82	BETTY DUNN	USA	2:06.26	JEANNE MERRYMAN	USA
3:34.58	G. MCKENZIE-HICKS	AUS	57.34	NOBUKO NAKAJIMA	JPN	13:13.43	RAY REEVES	AUS	2:08.49	NORMA BERNARDI	USA
3:35.09	FUMIKO HIROOKA	JPN	58.05	HERTA SOMMERMEIER	GER				2:19.82	HIDEKO HANADA	JPN
3:37.25	M. CUNNINGHAM	AUS	58.17	EIKO MORI	JPN				2:22.30	ANNIE STOKER	NED
3:39.45	JUNE KRAUSER	USA	58.36	JEAN TROY	USA				2:22.48	FUMI MURATA	JPN
3:48.53	EIKO MORI	JPN	100 M. BRST						2:24.77	MAURINE KORNFELD	USA
3:51.93	EVA-BRITT WIDAHL	SWE	1:54.35	EDITH BOHM	GER	50 M. FREE			200 M. BACK		
3:52.73	TOMIKO MAKITA	JPN	2:02.55	ERIKA LANGE	GER	42.20	OLGA JOHNSON	NZL	4:17.31	BUNNY CEDERLUND	USA
400 M. FREE			2:04.82	SAYOKO WATANABE	JPN	42.84	MARGERY MEYER	USA	4:19.47	REGAN KENNER	USA
7:18.78	JEAN TROY	USA	2:05.10	EIKO MORI	JPN	44.96	J. DRAKE-BROCKMAN	AUS	4:22.50	MARGERY MEYER	USA
7:29.29	LIZ WALLIS	AUS	2:06.44	YOKO KOBAYASHI	JPN	47.56	JEANNE MERRYMAN	USA	4:27.39	SILVIA CRAVERI	ITA
7:32.70	BRITT GRILLI	SWE	2:08.78	JOAN KIDD	GBR	49.37	RUTH BAAR	USA	4:29.77	J. DRAKE-BROCKMAN	AUS
7:36.06	G. MCKENZIE-HICKS	AUS	2:11.16	BARBARA VICKERS	AUS	49.55	BUNNY CEDERLUND	USA	4:46.49	JEANNE MERRYMAN	USA
7:40.93	JUNE KRAUSER	USA	2:11.69	G. SCHOBEL-GRASS	GER	51.12	KANAE SATAKE	JPN	5:02.58	HIDEKO HANADA	JPN
7:52.35	FUMIKO HIROOKA	JPN	2:12.52	NICOLE SCHERLE	FRA	51.13	MAURINE KORNFELD	USA	5:04.42	INGEBORG FRITZE	GER
8:02.88	CHIE TANI	JPN	2:14.52	NOBUKO NAKAJIMA	JPN	51.77	HANCY ENATSU	JPN	5:08.76	MAURINE KORNFELD	USA
8:07.27	TOMIKO MAKITA	JPN	200 M. BRST			51.81	JOYCE FAUNCE	AUS	5:17.94	NORMA BERNARDI	USA
8:08.53	EVA-BRITT WIDAHL	SWE	4:21.82	TERUKO ONO	JPN	100 M. FREE			50 M. BRST		
8:29.10	FLORENCE CARR	USA	4:23.29	ERIKA LANGE	GER	1:44.61	MASAE SHIMURA	JPN	1:00.16	MICHELE GUILLAIS	FRA
800 M. FREE			4:33.40	EIKO MORI	JPN	1:45.54	BUNNY CEDERLUND	USA	1:03.25	INGEBORG FRITZE	GER
14:16.39	JEAN TROY	USA	4:37.77	BARBARA VICKERS	AUS	1:45.72	OLGA JOHNSON	NZL	1:03.28	REGAN KENNER	USA
14:50.66	BRITT GRILLI	SWE	4:37.93	SAYOKO WATANABE	JPN	1:51.37	RUTH BAAR	USA	1:07.11	ANNELIESE POKER	GER
14:54.87	LIZ WALLIS	AUS	4:39.85	JOAN KIDD	GBR	1:55.88	JEANNE MERRYMAN	USA	1:07.74	J. DRAKE-BROCKMAN	AUS
15:04.72	BETTY LORENZI	USA	4:40.61	G. SCHOBEL-GRASS	GER	2:04.63	MAURINE KORNFELD	USA	1:08.28	SUMIKO YANAGISAWA	JPN
15:36.49	JUNE KRAUSER	USA	4:46.46	JUNE KRAUSER	USA	2:05.74	NANCY MITCHELL	AUS	1:09.40	JAE HOWELL	USA
15:53.82	G. MCKENZIE-HICKS	AUS	4:56.53	NOBUKO NAKAJIMA	JPN	2:06.25	M. CHIPPERFIELD	AUS	1:09.92	ANNIE STOKER	NED
16:44.93	M. CUNNINGHAM	AUS	4:59.28	JUSTINE BAMFORD	AUS	2:06.26	LOUISE BOWERSOCK	USA	1:10.30	BARBARA BOHM	GER
16:52.64	EVA-BRITT WIDAHL	SWE	50 M. FLY			2:08.12	CANDIDA GANDOLPHO	BRA	1:11.31	MASAE SHIMURA	JPN
17:31.37	MARIE COLLINS	NZL	52.18	EDITH BOHM	GER	200 M. FREE			1:11.31	MICHIKO HAMURO	JPN
17:38.15	CLARA AURIK	RSA	52.94	JEAN TROY	USA	3:37.14	MARGERY MEYER	USA	100 M. BRST		
1500 M. FREE			53.89	JUNE KRAUSER	USA	4:00.67	OLGA JOHNSON	NZL	2:19.06	REGAN KENNER	USA
27:09.75	JEAN TROY	USA	54.97	CHIE TANI	JPN	4:03.80	MASAE SHIMURA	JPN	2:25.14	SUMIKO YANAGISAWA	JPN
28:56.44	BETTY LORENZI	USA	55.83	AKIKO ONOHARA	JPN	4:10.80	RUTH BAAR	USA	2:32.01	INGEBORG FRITZE	GER
33:19.54	MARIE COLLINS	NZL	56.89	M. CUNNINGHAM	AUS	4:20.09	MAURINE KORNFELD	USA	2:33.80	FUMI MURATA	JPN
35:29.19	IRENE D'AGOSTINO	USA	1:01.86	NORA RONAI	BRA	4:20.89	CANDIDA GANDOLPHO	BRA	2:34.77	ANNELIESE POKER	GER
35:32.52	VAL LINCOLN	AUS	1:01.92	SHIZUE OKUDA	JPN	4:29.14	GRE SCHONBERGER	NED	2:34.98	JAE HOWELL	USA
35:59.73	PEGGY SANBORN	USA	1:03.17	MARIANNA HAGAN	USA	4:34.26	LOUISE BOWERSOCK	USA	2:38.37	MICHIKO HAMURO	JPN
36:23.71	JOAN MCINTYRE	USA	1:03.81	LOIS KIWI NOCHMAN	USA	4:36.14	JOYCE O'FARRELL	AUS	2:39.80	NAKA FUKUOKA	JPN
36:36.31	HAZEL GILLBEE	AUS	100 M. FLY			4:40.80	JUNE REYNOLDS	USA	2:42.64	ANNIE STOKER	NED
37:18.57	NANCY REED	USA	2:05.85	CHIE TANI	JPN	400 M. FREE			2:43.28	JUNE REYNOLDS	USA
38:35.67	CLARA SOTAK	USA	2:07.21	JEAN TROY	USA	7:30.34	MARGERY MEYER	USA	200 M. BRST		
50 M. BACK			2:07.76	JUNE KRAUSER	USA	8:24.74	OLGA JOHNSON	NZL	4:56.18	REGAN KENNER	USA
46.43	JOAN PARNELL	CAN	2:20.24	Y. KAPLAN BADER	FRA	8:43.05	RUTH BAAR	USA	5:05.54	SUMIKO YANAGISAWA	JPN
47.60	EDITH BOHM	GER	2:25.51	LOIS KIWI NOCHMAN	USA	8:46.03	BUNNY CEDERLUND	USA	5:30.96	MICHIKO HAMURO	JPN
48.17	KERSTIN GJORES	SWE	2:27.14	MARIANNA HAGAN	USA	9:15.92	CANDIDA GANDOLPHO	BRA	5:38.68	JAE HOWELL	USA
48.45	BETTY LORENZI	USA	2:36.16	G. SCHOBEL-GRASS	GER	9:16.08	FUMI MURATA	JPN	5:46.19	GRE SCHONBERGER	NED
52.16	ASAKO MANINGO	USA	2:37.45	SHIZUE OKUDA	JPN	9:16.58	MAURINE KORNFELD	USA	5:51.30	JUNE REYNOLDS	USA
52.68	RUZENA VYMAZALOVA	CZE	2:40.15	NORA RONAI	BRA	9:35.76	LOUISE BOWERSOCK	USA	5:53.03	PAULINE STANGEL	USA
52.75	FLORENCE CARR	USA	2:46.70	BETTY DUNN	USA	9:49.92	JOYCE O'FARRELL	AUS	5:55.28	INGEBORG FRITZE	GER
53.83	OLIVE HALE	GBR	200 M. FLY			10:25.76	SIMONE BENOIT	FRA	5:55.85	ANNIE STOKER	NED
53.85	YOKO KOBAYASHI	JPN	4:44.97	JUNE KRAUSER	USA	800 M. FREE			5:56.74	BARBARA BOHM	GER
54.12	MARIE COLLINS	NZL	5:11.87	LOIS KIWI NOCHMAN	USA	15:21.62	MARGERY MEYER	USA	50 M. FLY		
100 M. BACK			5:46.44	MARIANNA HAGAN	USA	17:08.50	BUNNY CEDERLUND	USA	1:07.20	JUNE REYNOLDS	USA
1:42.81	JOAN PARNELL	CAN	5:55.16	GLADYS OLSEN	USA	19:37.63	NORMA RUDOLPH	USA	1:08.67	JAE HOWELL	USA
1:45.59	BETTY LORENZI	USA	6:07.35	NORA RONAI	BRA	20:32.58	CHIYOKO TAKIZAWA	JPN	1:13.69	JEANNE MERRYMAN	USA
1:50.83	KERSTIN GJORES	SWE	6:35.91	BETTY DUNN	USA	20:38.66	LOUISE BOWERSOCK	USA	1:14.39	DIANA SILVA	USA
1:56.10	RUZENA VYMAZALOVA	CZE	7:33.85	RAY REEVES	AUS	20:50.05	JOYCE O'FARRELL	AUS	1:16.36	NORMA RUDOLPH	AUS
1:59.50	JUNE KRAUSER	USA	7:38.00	MARIAN WOLLE	USA	21:41.34	JAE HOWELL	USA	1:22.84	M. CHIPPERFIELD	AUS



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers in various categories including Women 85-89, Women 90-94, Women 95-99, and Men 25-29.





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

Table with 10 columns: Rank, Name, Country, Rank, Name, Country, Rank, Name, Country, Rank, Name, Country. Lists top 10 swimmers in various categories.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

55.23	LAURENT NEUVILLE	FRA	30.52	NICK GILLINGHAM	GBR	4:55.68	PAUL LEMMON	AUS	29.90	ROSTISLAV SLECHTA	CZE
55.25	GEOFFREY GLASER	USA	30.99	CICERO TORTELI	BRA	4:55.73	CHRISTOPHER BLACK	USA	29.99	PAOLO FELOTTI	ITA
200 M. FREE			31.11	EMMANUEL FOUcart	FRA	4:57.95	MANFRED KODER	GER	30.20	FRANK WASKO	USA
1:56.02	RONALD KARNAUGH	USA	31.23	MICHAEL RUFFNER	USA	5:02.53	SVEN GRUNERT	GER	30.30	MICHAEL BRETT	GBR
1:57.37	ERIK HOCHSTEIN	USA	31.33	GEORG MILER	SUI	5:04.02	EMAD ELSHAFEI	USA	30.40	YASUSHI MAKINO	JPN
1:58.95	HENRY CLARK	USA	31.56	FRANK BAHR	GER	5:04.25	STEPHEN SMITH	USA	30.46	RICARDO SANTOS	BRA
2:00.80	STUART CROMARTY	USA	31.67	TSUYOSHI KATO	JPN	5:04.55	JOHN GATTI	USA	30.57	ROBIN SCHUIJT	ESP
2:01.08	DANIEL VEATCH	USA	31.71	LUCA NATALE	ITA				30.75	PAUL SMITH	USA
2:02.04	MARK MAGEE	USA	31.72	YOZO FUJII	JPN				100 M. BACK		
2:02.34	BENEDIKT NOSS	GER	31.77	SEAN FRAMPTON	USA				1:03.68	JOSEPH REINHARDT	USA
2:02.50	RICHARD PEASE	USA	100 M. BRST						1:04.55	ROGER BIRRER	SUI
2:02.57	ALAIN BELLAGUET	FRA	1:05.63	RONALD KARNAUGH	USA				1:05.03	PAOLO FELOTTI	ITA
2:02.59	MANFRED KODER	GER	1:06.09	NICK GILLINGHAM	GBR				1:05.73	GLENN BATTLE	USA
400 M. FREE			1:08.38	ALBERTO MONTINI	ITA				1:06.11	YASUSHI MAKINO	JPN
4:10.31	ERIK HOCHSTEIN	USA	1:09.72	MICHAEL RUFFNER	USA				1:06.42	MICHAEL BRETT	GBR
4:17.50	BENEDIKT NOSS	GER	1:10.08	SEAN FRAMPTON	USA				1:06.76	GIANNI BERTOLI	ITA
4:17.61	STUART CROMARTY	USA	1:10.25	EMMANUEL FOUcart	FRA				1:06.90	ROBIN SCHUIJT	ESP
4:18.48	MIKE SHAFFER	USA	1:10.80	NEILL WILLIAMS	USA				1:07.16	MARCO COLOMBO	ITA
4:18.57	GEOFFREY GLASER	USA	1:11.02	MASSIMO BUSIGNANI	ITA				1:07.18	MARTIN FENNER	GBR
4:20.19	MARK MAGEE	USA	1:11.42	YOZO FUJII	JPN				200 M. BACK		
4:21.48	PAUL LEMMON	AUS	1:11.55	MANFRED KODER	GER				2:22.70	GLENN BATTLE	USA
4:22.53	CHRISTOPHER BLACK	USA	200 M. BRST						2:23.36	K.VAN OVERBEEKE	NED
4:22.76	MANFRED KODER	GER	2:24.94	RONALD KARNAUGH	USA				2:26.01	ANDREAS JENKE	GER
4:23.65	RICHARD PEASE	USA	2:25.76	NICK GILLINGHAM	GBR				2:26.53	MARTIN FENNER	GBR
800 M. FREE			2:33.45	MICHAEL RUFFNER	USA				2:26.70	PAOLO FELOTTI	ITA
8:55.03	CHRISTOPHER BLACK	USA	2:34.46	PETER BERMEL	GER				2:26.83	ALBERTO PEDROTTI	ITA
8:55.04	STUART CROMARTY	USA	2:35.31	MANFRED KODER	GER				2:28.11	ROSTISLAV SLECHTA	CZE
8:55.99	BENEDIKT NOSS	GER	2:35.52	ROQUE SANTOS	USA				2:28.43	RICARDO SANTOS	BRA
8:56.10	DANIEL VEATCH	USA	2:35.79	SVEN GRUNERT	GER				2:28.62	ARNALDO PEREZ	PUR
8:59.99	MIKE SHAFFER	USA	2:36.05	GUY LACONTAL	FRA				2:28.67	A. BONANNI	ITA
9:00.31	GEOFFREY GLASER	USA	2:36.73	SEAN FRAMPTON	USA				50 M. BRST		
9:02.71	PAUL LEMMON	AUS	2:38.43	JAMES HARPER	USA				30.93	ROBERTO TERRICONE	ITA
9:15.05	MANFRED KODER	GER	50 M. FLY						55.92	GENNARO LA SALA	ITA
9:18.52	RICHARD PEASE	USA	26.23	KAZUHIKO YAMAKAWA	JPN				200 M. FREE		
9:23.75	DOUG STEWART	USA	26.32	HENRY CLARK	USA				2:01.15	DAVID BOATWRIGHT	USA
1500 M. FREE			26.56	HARTMUT BERNER	GER				2:02.01	EDWIN VAN NORDEN	NED
16:50.83	ERIK HOCHSTEIN	USA	26.65	MARCEL EKKELBLOOM	GER				2:02.33	DANIEL MACHEK	CZE
17:10.80	CHRISTOPHER BLACK	USA	26.74	L. MICHELOTTI	ITA				2:02.48	BRADLEY HOWE	ITA
17:11.89	GEOFFREY GLASER	USA	26.75	ALLAN KELSEY	USA				2:03.25	RICARDO SANTOS	BRA
17:15.37	BENEDIKT NOSS	GER	26.80	ANDREA ORIENTE	ITA				2:03.83	MICHAEL KLEIBER	GER
17:28.05	RAUL JUNIOR	BRA	26.81	NEILL WILLIAMS	USA				2:04.76	GENNARO LA SALA	ITA
17:31.80	CUSTODIO RIBEIRO	BRA	26.84	TOMOHIRO ONO	JPN				2:04.98	STEVEN NEWMAN	USA
17:38.70	MARCO POMPONI	ITA	26.88	KEITH KAPLAN	USA				2:05.41	B. BORDONALI	ITA
17:39.43	MANFRED KODER	GER	100 M. FLY						2:06.33	KEITH BERRYHILL	USA
17:42.47	TAKASHI SUGISAWA	JPN	57.10	HENRY CLARK	USA				400 M. FREE		
17:44.13	DOUGLAS STEWART	USA	58.84	RICHARD PEASE	USA				4:16.40	MICHAEL KLEIBER	GER
50 M. BACK			58.89	ROBERTO CLAUSI JR	BRA				4:17.40	KAI DITZEL	GER
29.00	BRUNO ESPOSITO	ITA	59.08	ERIK HOCHSTEIN	USA				4:23.75	DANIEL MACHEK	CZE
29.20	SERGE DINANE	FRA	59.32	ANDREA TOJA	ITA				4:24.89	B. BORDONALI	ITA
29.34	ANDREA TOJA	ITA	59.46	HARTMUT BERNER	GER				4:26.48	DAMIANO NANETTI	ITA
29.38	SVEN LODZIEWSKI	GER	59.54	ROSS DAVIS	USA				4:28.24	GRAHAM WELBOURN	CAN
29.54	DAVID POWERS	USA	59.80	ANDREA CORSO	ITA				4:31.12	STEVEN NEWMAN	USA
29.56	PETER MCKINNON	CAN	59.82	MIKE SHAFFER	USA				4:31.34	GEORGE TIDMARSH	USA
29.70	THOMAS FLEMMING	GER	59.83	PETER BERMEL	GER				4:32.64	KEITH BERRYHILL	USA
29.72	MICHAEL HALFACRE	USA	200 M. FLY						4:33.60	STEFANO SEGUITI	ITA
29.87	THOMAS DOCKHORN	GER	2:10.00	HENRY CLARK	USA				800 M. FREE		
29.94	GEORG GUNTHER	GER	2:11.48	RICHARD PEASE	USA				8:46.84	MICHAEL KLEIBER	GER
100 M. BACK			2:11.99	A. LAVEGLIA	ITA				9:08.70	GEORGE TIDMARSH	USA
1:00.44	RONALD KARNAUGH	USA	2:12.27	ERIK HOCHSTEIN	USA				9:14.70	KAI DITZEL	GER
1:02.08	DANIEL VEATCH	USA	2:12.67	MIKE SHAFFER	USA				9:15.50	STEFANO SEGUITI	ITA
1:02.66	NICOLAS GRANGER	FRA	2:14.56	WOJTECH BLECHAR	GER				9:18.61	DANIEL MACHEK	CZE
1:03.21	DAVID POWERS	USA	2:14.61	PETER BERMEL	GER				9:22.64	TIM HEDRICK	USA
1:03.53	BRUNO ESPOSITO	ITA	2:15.30	MARK MAGEE	USA				9:27.18	KEITH BERRYHILL	USA
1:03.80	EMAD ELSHAFEI	USA	2:15.64	JOHN GATTI	USA				9:28.09	EDWIN VAN NORDEN	NED
1:04.26	JULIO LOPEZ	BRA	2:15.68	TAKASHI SUGISAWA	JPN				9:30.87	ARNALDO PEREZ	PUR
1:04.26	WOJTECH BLECHAR	GER	200 M. I.M.						9:39.27	BOBBY PATTEN	USA
1:04.29	GIUSEPPE TIANO	ITA	2:12.21	NICOLAS GRANGER	FRA				1500 M. FREE		
1:04.59	TOSHIHIRO KONDO	JPN	2:15.12	PETER BERMEL	GER				16:45.53	MICHAEL KLEIBER	GER
200 M. BACK			2:16.49	DANIEL VEATCH	USA				17:14.13	GEORGE TIDMARSH	USA
2:10.93	RONALD KARNAUGH	USA	2:17.07	PAUL LEMMON	AUS				17:32.19	KAI DITZEL	GER
2:14.16	DANIEL VEATCH	USA	2:17.08	A. LAVEGLIA	ITA				17:35.80	STEFANO SEGUITI	ITA
2:16.57	ERIK HOCHSTEIN	USA	2:17.49	MARK MAGEE	USA				17:55.98	EDWIN VAN NORDEN	NED
2:17.36	WOJTECH BLECHAR	GER	2:17.89	MANFRED KODER	GER				18:06.76	BOBBY PATTEN	USA
2:17.82	PETER BERMEL	GER	2:19.10	STEPHEN SMITH	USA				18:07.73	JAMES ANDERSON	USA
2:18.91	PAUL LEMMON	AUS	2:19.27	MARCO POMPONI	ITA				18:13.58	KEITH BERRYHILL	USA
2:18.97	JEFFREY UTSCH	USA	2:19.28	MICHAEL RUFFNER	USA				18:14.41	TIM HEDRICK	USA
2:20.02	MAURO TORRI	ITA	400 M. I.M.						18:17.10	ALBERTO PEDROTTI	ITA
2:20.35	KURT DICKSON	USA	4:51.96	PETER BERMEL	GER				50 M. BACK		
2:21.19	EMAD ELSHAFEI	USA	4:52.92	MARK MAGEE	USA				29.26	ROGER BIRRER	SUI
50 M. BRST			4:53.07	A. LAVEGLIA	ITA				29.66	JOSEPH REINHARDT	USA



### FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

1:01.64 HENRY STEWART	USA	4:32.35 BRETT PHILLIPS	USA	1:15.52 CRAIG SHEFFER	USA	26.49 RICARDO DAVIS	BRA
1:02.19 A.TIBERTI	ITA	4:32.47 SIMON VEALE	GBR	1:15.94 BILL SHERMAN	USA	26.57 TOM GEIMAN	USA
1:02.20 PAUL SMITH	USA	4:32.90 THOMAS MC CABE	USA	1:16.07 JOHN HARKER	GBR	26.63 JEFFREY PEROUT	USA
1:02.41 PAUL MORRIS	GBR	4:33.27 MARK DRENNEN	USA	200 M. BRST		26.68 JURGEN KONNEKER	GER
1:02.53 DETLEV MAAS	GER	4:34.28 PAT ALLENDER	USA	2:37.89 PAT ALLENDER	USA	100 M. FREE	
200 M. FLY		4:38.11 PETER WORLAND	USA	2:38.95 GREGORY OXLEY	USA	56.44 LEE MENCH	USA
2:15.14 A.TIBERTI	ITA	800 M. FREE		2:43.88 PETER KAUCH	GER	56.67 PAUL TREVISAN	USA
2:18.77 DAMIANO NANETTI	ITA	9:24.84 JIM CALLAHAN	USA	2:44.01 BENN DOYLE	USA	57.37 LARRY KRAUSER	USA
2:19.10 MICHAEL KLEIBER	GER	9:25.22 WILLIAM HEMPEL	USA	2:44.93 JURGEN BRUHN	GER	57.66 JEFFREY PEROUT	USA
2:21.42 DANILO VICIOSO	DOM	9:26.25 SIMON VEALE	GBR	2:47.29 HAJIME SHIMURA	JPN	58.35 MIKE TENNANT	USA
2:21.70 DETLEV MAAS	GER	9:29.65 MARK DRENNEN	USA	2:48.13 REGIS MATHAIS	FRA	58.35 RICHARD GARRETT	USA
2:23.65 TIM BONESS	AUS	9:32.08 SCOTT RABALAIS	USA	2:48.34 BRYAN VOLPP	USA	58.44 V.GALAVTINE	RUS
2:24.85 BRIAN CASEY	USA	9:35.56 MARC JOUANDON	FRA	2:48.96 MAURO BORDOVSKY	USA	58.67 TERRY DOWNES	RSA
2:26.25 STEPHEN JUNK	AUS	9:45.73 KLAUS ECKHOF	AUS	2:49.66 MARK DRENNEN	USA	58.90 GREG SHAW	USA
2:26.67 GLEN WALKER	AUS	9:46.24 REGIS MATHAIS	FRA	50 M. FLY		58.99 TOM GEIMAN	USA
2:28.50 SABRI OZUN	USA	9:49.25 BOB BUGG	USA	26.64 TRIP HEDRICK	USA	200 M. FREE	
200 M. I.M.		9:52.27 NEIL WASSERMAN	USA	27.03 WILLIAM SPECHT	USA	2:06.21 LARRY KRAUSER	USA
2:19.00 EDWIN VAN NORDEN	NED	1500 M. FREE		27.19 JAMES BALLARD	USA	2:06.84 JEFFREY PEROUT	USA
2:20.31 K.VAN OVERBEEKE	NED	18:06.42 JAMIE HEMMERLE	USA	27.52 CHARLES NORELLI	USA	2:08.00 LEE MENCH	USA
2:21.52 JOSEPH REINHARDT	USA	18:10.83 MARK DRENNEN	USA	27.55 FREDERICK EHMKE	USA	2:10.53 PHIL DODSON	USA
2:22.14 BRIAN CASEY	USA	18:14.48 ALEXEI ZVEREV	GER	27.58 ROGER KAHN	USA	2:11.31 CRAIG STEVENS	USA
2:22.54 JAMES ANDERSON	USA	18:18.98 SCOTT RABALAIS	USA	27.75 PETER NOCKE	GER	2:11.61 SIMON MARTIN	AUS
2:22.66 TODD COOPER	USA	18:37.22 SCOTT SHAKE	USA	27.90 MARIO LLORET	ESP	2:11.61 JAMES SWEENEY	USA
2:23.08 DAVE TOWN	CAN	18:48.84 NEIL WASSERMAN	USA	27.93 THOMAS MC CABE	USA	2:12.37 GREG SHAW	USA
2:24.11 MICHAL BARES	CZE	18:57.78 MARC JOUANDON	FRA	27.93 ROBERT HANSEN	USA	2:12.73 MIKE TENNANT	USA
2:24.93 MASSIMO GIARDINO	ITA	18:58.21 LARRY WOOD	USA	100 M. FLY		2:13.47 RICHARD GARRETT	USA
2:25.06 GLENN BATTLE	USA	19:02.02 PETER KAUCH	GER	59.38 WILLIAM SPECHT	USA	400 M. FREE	
400 M. I.M.		19:06.06 LARRY BLACK	USA	1:01.43 JAMES BALLARD	USA	4:40.49 LARRY KRAUSER	USA
5:04.18 A.TIBERTI	ITA	50 M. BACK		1:01.52 CHARLES NORELLI	USA	4:41.28 PHIL DODSON	USA
5:05.66 MICHAEL KLEIBER	GER	29.41 WILLIAM SPECHT	USA	1:01.96 THOMAS MC CABE	USA	4:41.37 JIM CLEMMONS	USA
5:09.10 ARNALDO PEREZ	PUR	29.75 JAMES BALLARD	USA	1:02.47 PETER NOCKE	GER	4:45.53 CRAIG STEVENS	USA
5:12.10 JAMES ANDERSON	USA	29.76 FRITZ LEHMAN	USA	1:03.15 FREDERICK EHMKE	USA	4:46.73 G.SCARAML	ITA
5:13.58 TODD COOPER	USA	30.21 SCOTT SHAKE	USA	1:03.30 KERRY O'BRIEN	USA	4:47.03 JAMES SWEENEY	USA
5:16.41 TIM HEDRICK	USA	30.57 MARCIO SILVA	BRA	1:03.47 PHILIP ARCUNI	USA	4:49.81 SCOTT TOWNSEND	USA
5:16.48 W.SHEWELL-COOPER	GBR	30.81 WIESLAW MUSIAL	CAN	1:03.65 SIMON VEALE	GER	4:50.57 RICK WALKER	USA
5:17.54 K.VAN OVERBEEKE	NED	30.89 THIERRY CHANOINE	FRA	1:03.70 KLAUS DAHLINGER	GER	4:53.32 DOUG HOWIESON	RSA
5:19.35 ROLF ARNOLD	GER	31.01 MARIO LLORET	ESP	200 M. FLY		4:54.56 J.DANIEL MOUSSAY	FRA
5:19.40 TOSHIYUKI SAKA	JPN	31.15 JACK ALTDORFFER	USA	2:11.02 WILLIAM SPECHT	USA	800 M. FREE	
31.35 DAVID BURLESON	USA	100 M. BACK		2:24.28 HUGO BREGMAN	NED	9:41.85 LARRY KRAUSER	USA
*****		1:02.62 FRITZ LEHMAN	USA	2:27.87 WIESLAW MUSIAL	CAN	9:44.75 JIM CLEMMONS	USA
M E N 45-49		1:03.56 JAMES BALLARD	USA	2:27.90 PETER SCHUSTER	AUS	9:52.91 CRAIG STEVENS	USA
*****		1:04.12 WILLIAM SPECHT	USA	2:29.37 KERRY O'BRIEN	USA	9:55.24 JAMES SWEENEY	USA
50 M. FREE		1:04.96 SCOTT SHAKE	USA	2:30.23 PHILIP ARCUNI	USA	9:55.41 PAUL FETTERS	USA
24.65 BRENT BARNES	JPN	1:04.98 WIESLAW MUSIAL	CAN	2:31.43 DONALD WALKER	USA	10:04.92 JAMES RYAN	USA
25.36 JACK GROSELLE	USA	1:07.04 ALAN GODFREY	USA	2:31.64 TOM MCCABE	USA	10:12.73 JAMES THORNTON	USA
25.41 TRIP HEDRICK	USA	1:07.70 JONATHAN KLEIN	USA	2:31.79 ALEXEI ZVEREV	GER	10:15.16 DAVID BRIGHT	USA
25.42 STEVE ALLBRITTON	USA	1:07.98 PHILIP ARCUNI	USA	2:33.35 VOLKER HOLTKE	GER	10:17.02 JACK MARTIN	USA
25.50 FABRIZIO GRIFFO	ITA	1:08.39 DOUG PORTELANCE	USA	200 M. I.M.		10:21.77 DOUG HOWIESON	RSA
25.51 GREGORY OXLEY	USA	1:08.42 JACK ALTDORFFER	USA	2:24.03 SIMON VEALE	GBR	1500 M. FREE	
25.62 ROLAND WENDEL	GER	2:18.61 WIESLAW MUSIAL	CAN	2:24.68 SCOTT SHAKE	USA	18:37.22 LARRY KRAUSER	USA
25.68 JOHN STACPOOLE	AUS	2:19.07 FRITZ LEHMAN	CAN	2:24.87 GREGORY OXLEY	USA	18:52.90 CRAIG STEVENS	USA
25.76 CHARLES NORELLI	USA	2:19.18 SCOTT SHAKE	USA	2:26.26 JIM CALLAHAN	USA	18:53.74 JIM CLEMMONS	USA
25.83 PETER NOCKE	GER	2:20.14 WILLIAM SPECHT	USA	2:26.43 TOM REUDY	USA	18:55.53 PAUL FETTERS	USA
100 M. FREE		2:20.84 JAMES BALLARD	USA	2:26.51 KEVIN DRAKE	USA	18:59.31 SCOTT LAUTMAN	USA
54.58 JACK GROSELLE	USA	2:27.23 ALAN GODFREY	USA	2:26.55 ALEXEI ZVEREV	GER	19:03.08 JEFF STRNAD	USA
55.95 TRIP HEDRICK	USA	2:29.58 PHILIP ARCUNI	USA	2:27.65 THOMAS BLISS	USA	19:07.20 G.SCARAMEL	ITA
56.25 GREGORY OXLEY	USA	2:29.82 DOUG PORTELANCE	USA	2:28.11 UWE KUSSATZ	GER	19:22.66 JAMES RYAN	USA
56.43 BRENT BARNES	JPN	2:30.76 THOMAS BLISS	USA	2:28.83 STEVE FRANKLIN	USA	19:37.87 PHIL DODSON	USA
56.50 CHARLES NORELLI	USA	2:31.19 JIRI KYNERA	CZE	400 M. I.M.		19:37.88 RICK WALKER	USA
56.82 BILL SHERMAN	USA	32.27 JACK GROSELLE	USA	5:08.79 SCOTT SHAKE	USA	50 M. BACK	
56.91 PETER WORLAND	USA	32.38 GREGORY OXLEY	USA	5:16.96 HUGO BREGMAN	NED	30.36 CASEY CLAFLIN	USA
57.32 THOMAS MC CABE	USA	32.43 HIROMICHI TAKEI	JPN	5:18.47 JIM CALLAHAN	USA	30.64 V.GALAVTINE	RUS
57.72 STEVE ALLBRITTON	USA	32.87 JURGEN BRUHN	GER	5:19.37 NEIL WASSERMAN	USA	30.95 JEFFREY PEROUT	USA
57.92 JOHN STACPOOLE	AUS	33.22 CRAIG SHEFFER	USA	5:19.72 WILLIAM SPECHT	USA	31.37 MARK PUGLIESE	USA
200 M. FREE		33.35 PAT ALLENDER	USA	5:20.23 MARK DRENNEN	USA	31.64 SHUNJI NAGAHAMA	JPN
2:02.34 JACK GROSELLE	USA	33.36 THOMAS PAEHR	GER	5:21.05 THOMAS BLISS	USA	31.72 ROB WEYHENKE	NED
2:06.59 THOMAS MC CABE	USA	33.54 MORIHIRO WADA	JPN	5:22.01 WIESLAW MUSIAL	CAN	31.77 TAKEO HIRAMOTO	JPN
2:06.69 SIMON VEALE	GBR	33.61 MARCO STENTELLA	ITA	5:25.87 PETER KAUCH	GER	31.83 GERHARD BUTTNER	GER
2:07.07 WILLIAM HEMPEL	USA	33.62 BENN DOYLE	USA	5:26.02 BRYAN VOLPP	USA	32.40 GEORGE SCHMIDT	USA
2:07.27 PETER WORLAND	USA	*****				32.47 EDDIE RIACH	GBR
2:10.09 JIM CALLAHAN	USA	100 M. BRST				100 M. BACK	
2:10.32 MARK DRENNEN	USA	1:10.27 GREGORY OXLEY	USA	M E N 50-54		1:06.36 V.GALAVTINE	RUS
2:10.78 BILL SHERMAN	USA	1:12.08 JACK GROSELLE	USA	*****		1:07.42 CASEY CLAFLIN	USA
2:11.17 BRADFORD GANDEE	USA	1:12.66 PAT ALLENDER	USA	50 M. FREE		1:08.09 MARK PUGLIESE	USA
2:11.30 STEVE ALLBRITTON	USA	1:14.34 BENN DOYLE	USA	25.49 V.GALAVTINE	RUS	1:08.23 JEFFREY PEROUT	USA
400 M. FREE		1:15.36 HAJIME SHIMURA	JPN	25.54 PAUL TREVISAN	USA	1:09.41 TIM SHEAD	RSA
4:56.12 KEITH MANN	GBR	1:15.42 PETER KAUCH	GER	25.79 LARRY KRAUSER	USA	1:10.18 EDDIE RIACH	GBR
4:27.83 JIM CALLAHAN	USA	1:15.50 JURGEN BRUHN	GER	26.06 MIKE TENNANT	USA	1:10.44 SHUNJI NAGAHAMA	JPN
4:30.59 WILLIAM HEMPEL	USA			26.42 TERRY DOWNES	RSA	1:10.76 TERRY DOWNES	RSA
4:31.03 SCOTT SHAKE	USA			26.43 RICHARD GARRETT	USA	1:10.82 GEORGE SCHMIDT	USA





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

1:11.12	FRED FERROGGIARO	USA	2:30.33	ROB WEYHENKE	NED	1500 M. FREE	29.00	JIM DRAGON	USA		
2:27.45	PAUL FETTERS	USA	2:31.38	FRED FARLEY	USA	19:16.02	GEORGE WENDT	USA	29.13	SHIGEO ASANO	JPN
2:30.10	JEFFREY PEROUT	USA	2:32.59	GEORGE SCHMIDT	USA	19:27.90	D.UIJTENBOGAART	NED	29.33	JOSEP CLARET	ESP
2:32.34	EDDIE RIACH	GBR	2:33.05	TAKEO HIRAMOTO	JPN	19:33.85	R TOD SPIEKER	USA	29.44	FOLKERT MEEUW	GER
2:32.53	MARK PUGLIESE	USA	2:33.90	EDDIE RIACH	GBR	19:40.64	STEVE JOHNSON	USA	29.91	JAMES DELACY	USA
2:33.94	ROB WEYHENKE	NED	2:34.34	JIM CLEMMONS	USA	19:51.69	GAARD ARNESON	USA	30.15	MICHAEL AHERN	USA
2:34.87	FRED FARLEY	USA	2:34.74	JOHN MCCALL	USA	20:00.24	ANDY WILSON	GBR	30.17	HUGH WILDER	USA
2:34.90	DAVID BRIGHT	USA	2:35.64	SIMON MARTIN	AUS	20:52.04	JAY PLATT	USA	30.26	J.CLAUDE LESTIDEA	FRA
2:40.10	JACK COURTNEY	USA	2:35.84	ROBERT BROWN	USA	20:54.33	JAMES DELACY	USA	100 M. FLY		
2:40.22	ALAIN VANACKER	FRA	400 M. I.M.			20:55.88	BOB BRUCE	USA	1:04.15	STEVE BOROWSKI	USA
2:40.31	FRANK THOMPSON	USA	5:20.50	PAUL FETTERS	USA	21:18.23	FRANK MCQUIGGAN	USA	1:06.66	JOEL BURNS	USA
50 M. BRST			5:24.76	JOHN MCCALL	USA	50 M. BACK			1:07.19	SHIGEO ASANO	JPN
34.22	TIMOTHY SHEAD	BRA	5:30.31	FRED FARLEY	USA	31.10	KIERAN KELLEHER	ITA	1:08.84	JOSEP CLARET	ESP
34.54	C.STARZEC	FRA	5:30.97	JIM CLEMMONS	USA	31.19	HUGH WILDER	USA	1:09.78	RANDY BROWN	USA
34.82	TONY CAWOOD	RSA	5:42.34	PHIL DODSON	USA	33.49	J.CLAUDE LESTIDEA	FRA	1:09.94	JAMES DELACY	USA
34.89	JOHN PEARSON	GBR	5:45.83	IAN MILNE	GBR	33.86	GREGORY GUSH	USA	1:10.65	KIERAN KELLEHER	ITA
34.89	DALE KORNER	USA	5:50.06	FRANK THOMPSON	USA	34.05	DIETER SEIFERT	GER	1:11.36	FOLKERT MEEUW	GER
35.03	GEORGE SCHMIDT	USA	5:51.81	HUNTER YOST	USA	34.08	JOSEPH JACKSON	GBR	1:11.54	DEREK PARR	GBR
35.26	ROBERT SCHMITZ	USA	5:52.33	RON ARMSTRONG	CAN	34.11	HIROSHI NEBU	JPN	1:11.65	J.CLAUDE LESTIDEA	FRA
35.27	K.HARTUNG	GER	5:55.36	ANDREAS WEBER	GER	34.19	RICHARD ALEXANDER	USA	200 M. FLY		
35.49	ROBERT BERGER	GER	*****			34.30	CHUCK GANTNER	USA	2:46.64	JEAN CLAUDE FAURE	FRA
35.49	ALLEN STARK	USA	M E N 55-59			34.75	KATSUYUKI SUZUKI	JPN	2:49.85	DEREK PARR	GBR
100 M. BRST			*****			100 M. BACK			2:51.79	J.CLAUDE LESTIDEA	FRA
1:15.97	TIM SHEAD	RSA	50 M. FREE			1:09.10	HUGH WILDER	USA	2:52.74	GUNTER PACKENIUS	GER
1:16.64	BOB HATHERLY	RSA	26.11	STEVE BOROWSKI	USA	1:12.58	R TOD SPIEKER	USA	2:53.51	D.UIJTENBOGAART	NED
1:17.40	FRED FARLEY	USA	27.00	PETER PRIJDEKKER	GBR	1:16.05	J.CLAUDE LESTIDEA	FRA	2:53.59	RANDY BROWN	USA
1:17.86	TAKEO HIRAMOTO	JPN	27.09	TOM MEADE	USA	1:16.70	FOLKERT MEEUW	GER	2:58.80	HERBERT LANGE	GER
1:18.05	RICK ENRIGHT	USA	27.20	GRAHAM CROFT	AUS	1:16.82	SUEKI YAMAMOTO	JPN	3:01.66	PAUL WYATT	AUS
1:18.19	C.STARZEC	FRA	27.20	GRAHAM CROFT	AUS	1:17.11	GREGORY GUSH	USA	3:02.06	MICHAEL MERRELL	USA
1:18.36	ROBERT BROWN	USA	27.34	JOHN LIRON	GBR	1:17.40	CHARLE MEYER	RSA	3:03.81	PAULO FIGUEIREDO	USA
1:19.21	ROBERT SCHMITZ	USA	27.46	MICHAEL AHERN	USA	1:17.73	PATRICK DEVINE	AUS	200 M. I.M.		
1:19.23	ROBERT BERGER	GER	27.57	H.HARBRECHT	GER	1:17.87	RICHARD ALEXANDER	USA	2:33.27	LONNY HARRISON	USA
1:19.90	JOHN PEARSON	GBR	27.79	JON SHASTID	USA	1:18.78	HIROSHI NEBU	JPN	2:34.65	R TOD SPIEKER	USA
200 M. BRST			27.81	GORDON BLACK	CAN	200 M. BACK			2:41.37	DUNCAN MCCREADIE	GBR
2:47.36	BOB HATHERLY	RSA	100 M. FREE			2:30.82	R TOD SPIEKER	USA	2:41.74	TOM MEADE	USA
2:50.49	TAKEO HIRAMOTO	JPN	58.99	STEVE BOROWSKI	USA	2:39.15	HUGH WILDER	USA	2:41.99	MICHAEL AHERN	USA
2:51.00	FRED FARLEY	USA	1:00.10	PETER PRIJDEKKER	GBR	2:42.98	LONNY HARRISON	USA	2:42.11	HANS LJUNGBERG	SWE
2:51.21	RICK ENRIGHT	USA	1:00.14	GRAHAM CROFT	AUS	2:48.63	MARVIN SCHWARTZ	USA	2:42.28	SHIGEO ASANO	JPN
2:53.35	C.STARZEC	FRA	1:01.11	H.HARBRECHT	GER	2:49.46	IVAN MYALL	GBR	2:43.26	PETER WISNER	USA
2:53.55	GREGORY HARRISON	USA	1:01.39	TOM MEADE	USA	2:51.00	PETR BUBLE	CZE	2:43.87	JURGEN ALTENHOFEN	GER
2:55.01	JOHN PEARSON	GBR	1:01.76	CHRIS DUNN	GBR	2:51.03	GREGORY GUSH	USA	2:44.10	HUGH WILDER	USA
2:55.13	ROBERT BROWN	USA	1:01.91	DIETER SEIFERT	GER	2:51.71	KURT FREI	SUI	400 M. I.M.		
2:55.19	JIM CLEMMONS	USA	1:02.07	MICHAEL AHERN	USA	2:52.72	P.NANNI	ITA	5:42.52	R TOD SPIEKER	USA
2:57.18	W.FICKENSCHER	GER	1:02.51	FRANK HESBACHER	GER	2:52.82	DAVID LANGLEY	GBR	5:51.68	D.UIJTENBOGAART	NED
50 M. FLY			1:02.72	HANS LJUNGBERG	SWE	50 M. BRST			5:59.66	JEAN CLAUDE FAURE	FRA
27.74	TOM GEIMAN	USA	1:02.72	BILL DICK	USA	35.14	JOHN LIRON	GBR	6:02.03	KURT FREI	SUI
27.92	MARK PUGLIESE	USA	200 M. FREE			35.30	YOSHITADA MAEDA	JPN	6:02.10	HERBERT LANGE	GER
28.17	GREG SHAW	USA	2:11.66	R TOD SPIEKER	USA	35.53	JACQUES SICOT	FRA	6:04.93	GAARD ARNESON	USA
28.20	JOHN MCCALL	USA	2:12.76	GRAHAM CROFT	AUS	35.54	HERBERT GRUBER	GER	6:05.81	TOM MEADE	USA
28.35	V.GALAVTINE	RUS	2:15.11	LONNY HARRISON	USA	35.81	PETER WISNER	USA	6:07.83	BOB BRUCE	USA
28.80	DON MEHL	USA	2:15.57	PETER PRIJDEKKER	GBR	35.82	KAZUO KISHI	JPN	6:11.69	PATRICK DEVINE	AUS
28.88	KEVIN MCCORMACK	USA	2:16.71	DUNCAN MCCREADIE	GBR	35.98	JIM DRAGON	USA	6:14.54	GRAHAM PADGETT	GBR
29.09	CASEY CLAFLIN	USA	2:17.12	CHRIS DUNN	GBR	36.11	HIDEO YAMAMOTO	JPN	*****		
29.50	RUDY VAZMINA	PUR	2:17.91	JAMES DELACY	USA	36.11	JESSE SMYERS	USA	M E N 60-64		
29.50	C.STARZEC	FRA	2:18.52	FRANK HESBACHER	GER	100 M. BRST			*****		
100 M. FLY			2:18.67	FRANK MCELROY	USA	1:20.87	ALBERTO SICA	ITA	50 M. FREE		
1:01.79	GREG SHAW	USA	2:21.31	MOSHIE GERTEL	ISR	1:21.00	ROD CARGILL	USA	27.62	ROBERT SMITH	USA
1:01.93	JOHN MCCALL	USA	400 M. FREE			1:21.13	SEIKO OKAZAKI	JPN	27.63	KEEFE LODWIG	USA
1:02.73	V.GALAVTINE	RUS	4:38.81	R TOD SPIEKER	USA	1:21.53	SHINJI OMIGAWA	JPN	27.68	PETER ANDERSEN	USA
1:02.91	SCOTT LAUTMAN	USA	4:50.05	GRAHAM CROFT	AUS	1:21.86	JACQUES SICOT	FRA	28.03	IAN SMITH	CAN
1:06.15	TOM GEIMAN	USA	4:53.33	LONNY HARRISON	USA	1:22.99	YOSHITADA MAEDA	JPN	28.47	TUDOR LACEY	RSA
1:06.90	DON MEHL	USA	4:54.03	DUNCAN MCCREADIE	GBR	1:23.25	EDWARD NESSEL	USA	28.59	ROLF GITTER	GER
1:07.45	C.STARZEC	FRA	4:54.41	CHRIS DUNN	GBR	1:23.26	GALEN DENSO	USA	28.70	JERRY GREENBERG	USA
1:07.49	RICHARD GARRETT	USA	4:56.36	FRANK MCELROY	USA	1:23.52	TERUO IWATA	JPN	28.71	RYUJI TAKAMINE	JPN
1:07.98	ROB WEYHENKE	NED	4:57.21	ANDY WILSON	GBR	1:23.63	SHOJI YAMASHITA	JPN	28.78	PETER STRAKA	CAN
1:08.62	JAMES THORNTON	USA	4:59.15	PETER WISNER	USA	200 M. BRST			28.85	HIROSHI MARIYAMA	JPN
200 M. FLY			5:00.65	D.UIJTENBOGAART	NED	2:53.88	ROBERT STRAND	USA	100 M. FREE		
2:26.04	SCOTT LAUTMAN	USA	5:00.78	TOM MEADE	USA	2:55.70	GEORGE WENDT	USA	1:01.25	KEEFE LODWIG	USA
2:37.16	MARK PUGLIESE	USA	800 M. FREE			3:02.16	ALBERTO SICA	ITA	1:03.13	IAN SMITH	CAN
2:38.60	JIM CLEMMONS	USA	9:40.68	R TOD SPIEKER	USA	3:03.05	SHOJI YAMASHITA	JPN	1:03.60	TOM LANDIS	USA
2:40.27	JOHN MCCALL	USA	10:03.55	LONNY HARRISON	USA	3:04.05	PAUL WYATT	AUS	1:03.78	RUDOLF SMERDA	CZE
2:42.19	HUNTER YOST	USA	10:08.55	FRANK MCELROY	USA	3:04.09	D.UIJTENBOGAART	NED	1:04.66	HIROSHI MARIYAMA	JPN
2:44.67	J.DANIEL MOUSSAY	FRA	10:09.79	GRAHAM CROFT	AUS	3:04.17	DAVID UGARKOVICH	USA	1:04.70	JACK GEOGHEGAN	USA
2:45.04	HERBERT BLOCH	GER	10:19.23	DUNCAN MCCREADIE	GBR	3:04.26	HERBERT LANGE	GER	1:04.89	DAVID BOYLSON	AUS
2:46.03	DAVID LEVINSON	USA	10:19.34	GEORGE WENDT	USA	3:04.83	JAMES ARTHUR	GBR	1:05.25	VITTORIO ERMIRIO	ITA
2:46.27	PATRICK LUSIEN	FRA	10:22.13	GAARD ARNESON	USA	3:04.87	JACQUES SICOT	FRA	1:05.64	TONY CHERRINGTON	GBR
2:46.97	D.CHIAROLINI	ITA	10:23.10	D.UIJTENBOGAART	NED	50 M. FLY			1:06.05	EDWARD CAZALET	USA
200 M. I.M.			10:25.34	ANDY WILSON	GBR	27.80	STEVE BOROWSKI	USA	200 M. FREE		
2:28.14	GREG SHAW	USA	10:31.11	JEAN CLAUDE FAURE	FRA	28.64	JOEL BURNS	USA	2:22.72	SANDY GALLETTY	GBR





## FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

1:25.56 MEL GOLDSTEIN USA	6:11.47 JOHN KALAS USA	200 M. BRST	34.74 Y.MATSUURA JPN
1:26.44 MASARU IGARASHI JPN	6:16.21 GEORGE MILNE CAN	3:19.82 TSUTOMU KAJIHARA JPN	100 M. FREE
2:00 M. FLY	6:16.66 KAZUO OTA JPN	3:24.61 WERNER MULLER GER	1:15.19 ROD BAKER AUS
3:05.49 DAVID CUMMING GBR	800 M. FREE	3:25.96 SHUNSAKU TAKAHIRA JPN	1:16.32 SHOICHI SHIDA JPN
3:13.11 DAVE MCLACHLAN RSA	11:35.34 BURWELL JONES USA	3:31.80 VITEZSLAV SVOZIL CZE	1:16.82 HIROSHI YOSHIMURA JPN
3:16.44 LUIS RICARDO SIMI BRA	12:06.65 GRAHAM JOHNSTON USA	3:33.09 BOB BEST USA	1:18.94 ALLEN MILES GBR
3:16.48 RUDI BECKER GER	12:24.77 JOSEF KREJCI SUI	3:33.17 RUDI VAN ESS GER	1:19.03 HIROSHI YAMAZAKI JPN
3:22.26 WILLIAM LAUER USA	12:44.03 ROBERT MAYO USA	3:33.23 ERIVALDO LIMA BRA	1:19.22 FRANK PIEMME USA
3:23.18 RAFAEL PEREZ ESP	12:48.55 ALAN RAPPERPORT USA	3:34.69 TAKAO OKAMOTO JPN	1:20.46 KARL HAUTER GER
3:25.21 H.MULLER GER	12:55.28 WERNER MULLER GER	3:37.80 JORG FAUST GER	1:21.00 TOSHIO SHIMIZU JPN
3:25.48 NEIL TASKER GBR	12:56.79 ROBERT BEACH USA	3:38.83 PATRICK GALVIN AUS	1:21.62 HIROSHI IMAIZUMI JPN
3:25.82 GUNTER KOBOW GER	13:05.48 JOHN KALAS USA	50 M. FLY	1:21.71 DALE WEBSTER USA
3:27.16 TADAHIKO SAKATANI JPN	13:14.84 ARAM BOGHOSSIAN BRA	33.48 RON JOHNSON USA	200 M. FREE
200 M. I.M.	13:17.17 CHRISTOPHER SMITH CAN	33.61 J.LOUIS LE DALL FRA	2:46.28 HIROSHI YOSHIMURA JPN
3:05.56 GERHARD HOLE GER	1500 M. FREE	34.98 WERNER MULLER GER	2:54.11 ROD BAKER AUS
3:07.85 NIC GEERS NED	22:52.27 GRAHAM JOHNSTON USA	35.44 TSUTOMU KAJIHARA JPN	3:04.37 KARL HAUTER GER
3:07.97 CAV CAVANAUGH USA	23:42.75 DAVE ANDERSON USA	35.49 TAKASHI HAYASHI JPN	3:04.77 TOSHIO SHIMIZU JPN
3:09.00 DAVE MCLACHLAN RSA	24:18.44 WERNER MULLER GER	35.50 MASAYASU KAMIYA JPN	3:05.85 MAURICE LUSIEN FRA
3:09.03 DICK PETERSON USA	24:23.13 ROBERT BEACH USA	36.22 SEYMOUR BANNING GBR	3:06.00 FRANK PIEMME USA
3:10.40 RUDI BECKER GER	24:37.81 ALAN RAPPERPORT USA	36.38 HERB KERN USA	3:08.29 RICHARD HARTLEY AUS
3:10.91 ITARU KOJIMA JPN	25:14.03 KAZUO OTA JPN	36.72 ALDO EMINENTE FRA	3:08.91 ROGER FRANKS USA
3:10.93 ERNIE LESKOVITZ USA	26:17.34 BARNEY HUNGERFORD USA	36.75 ANTONIO SOUZA BRA	3:09.23 ALLEN MILES GBR
3:12.45 HANS REICHELIT GER	26:23.84 MYRON LOCKEY USA	100 M. FLY	3:10.46 HIROSHI IMAIZUMI JPN
3:12.69 CLAUDIO NEGRI ITA	26:28.51 MISAO AMANO JPN	1:22.55 WERNER MULLER GER	400 M. FREE
400 M. I.M.	26:30.35 PETER TUCKER GBR	1:23.69 SEYMOUR BANNING GBR	5:57.23 HIROSHI YOSHIMURA JPN
6:37.57 DAVID CUMMING GBR	50 M. BACK	1:25.87 TAKASHI HAYASHI JPN	6:18.29 SEBASTIAO ROSA BRA
6:43.45 DAVE MCLACHLAN RSA	35.31 YOSHI OYAKAWA USA	1:25.91 WOLFRAM GOTTFRIED GER	6:25.02 ROD BAKER AUS
6:49.09 ERNIE LESKOVITZ USA	35.83 S.SEKIKAWA JPN	1:29.44 MASAYASU KAMIYA JPN	6:26.91 KARL HAUTER GER
6:51.40 NIC GEERS NED	37.13 BURWELL JONES USA	1:31.56 HEINZ KRAUSS GER	6:29.11 MAURICE LUSIEN FRA
6:56.31 RUDI BECKER GER	38.37 MAMPEI SEINO JPN	1:32.56 ERIVALDO LIMA BRA	6:34.44 ROGER FRANKS USA
6:58.46 DICK PETERSON USA	38.45 CLARKE MITCHELL USA	1:33.53 HERB KERN USA	6:36.04 TOSHIO SHIMIZU JPN
7:03.07 LUIS RICARDO SIMI BRA	38.69 MINORU UEMURA JPN	1:36.81 TAKASHI SATO JPN	6:44.49 HIROSHI IMAIZUMI JPN
7:06.63 WILLIAM LAUER USA	39.11 RON JOHNSON USA	1:38.12 TOSHIMASA MINAMI JPN	6:47.38 MINORU NAGASHIMA JPN
7:07.12 H.MULLER GER	39.36 WERNER MULLER GER	200 M. FLY	6:50.73 W MORGAN BYERS USA
7:11.01 JOHN PUGH AUS	39.78 K.KAWASHIMA JPN	3:16.06 WERNER MULLER GER	800 M. FREE
	40.17 ALAN RAPPERPORT USA	3:19.53 TAKASHI HAYASHI JPN	13:13.53 ROD BAKER AUS
*****	100 M. BACK	3:21.84 SEYMOUR BANNING GBR	13:27.54 MAURICE LUSIEN FRA
M E N 70-74	1:19.14 BURWELL JONES USA	3:35.83 HERB KERN USA	14:07.65 STAN JACOBS AUS
*****	1:19.38 YOSHI OYAKAWA USA	3:46.52 BOB BEST USA	14:21.31 ROGER FRANKS USA
50 M. FREE	1:20.93 S.SEKIKAWA JPN	3:51.04 FUMIO EGAMI JPN	14:27.90 HORST FRITZSCHE GER
29.57 WOLFRAM GOTTFRIED GER	1:24.95 MAMPEI SEINO JPN	3:51.19 TOSHIMASA MINAMI JPN	14:31.35 W MORGAN BYERS USA
30.06 RON JOHNSON USA	1:25.27 CLARKE MITCHELL USA	3:51.24 JORG FAUST GER	14:50.15 GERHARD GROSSER GER
30.45 DONALD HILL USA	1:28.31 ALAN RAPPERPORT USA	3:56.12 MANFRED BICKEL GER	14:53.07 ED KERSWILL USA
30.53 SHINGO YAMAMOTO JPN	1:30.37 ROBERT MAYO USA	3:59.82 HENRI THEOLAT FRA	14:56.68 JAIME PORTILLA MEX
30.63 ALDO EMINENTE FRA	1:30.63 GEORGE GFROERER USA	200 M. I.M.	15:00.80 ZAVEN BOGHOSSIAN BRA
31.06 RUDI VAN ESS GER	1:30.74 GRAHAM JOHNSTON USA	2:58.06 BURWELL JONES USA	1500 M. FREE
31.37 J.LOUIS LE DALL FRA	1:31.44 K.KAWASHIMA JPN	3:07.92 WERNER MULLER GER	26:53.71 HIROSHI IMAIZUMI JPN
31.55 CHUCK BALDWIN USA	200 M. BACK	3:16.09 TSUTOMU KAJIHARA JPN	27:04.50 DOMENICO CASOLINO ITA
31.86 YOSHI OYAKAWA USA	2:56.59 BURWELL JONES USA	3:16.56 BOB BEST USA	27:16.17 ROGER FRANKS USA
31.94 WALTER LINCOLN USA	2:58.62 S.SEKIKAWA JPN	3:17.21 MASAYASU KAMIYA JPN	27:20.48 HORST FRITZSCHE GER
100 M. FREE	3:01.26 YOSHI OYAWAWA USA	3:17.58 ALAN RAPPERPORT USA	27:53.40 W MORGAN BYERS USA
1:08.39 DONALD HILL USA	3:04.17 MAMPEI SEINO JPN	3:21.27 JOSEF KREJCI SUI	28:21.86 GERHARD GROSSER GER
1:08.57 BURWELL JONES USA	3:05.24 TOM WALKER GBR	3:26.58 ROGER BURRELL GBR	28:33.30 STAN JACOBS AUS
1:08.98 RON JOHNSON USA	3:14.70 ALAN RAPPERPORT USA	3:26.73 BOB BARRY AUS	28:55.27 ED KERSWILL USA
1:09.06 WOLFRAM GOTTFRIED GER	3:16.81 BOB BARRY AUS	3:27.97 JORG FAUST GER	29:00.67 FRANK SAMOYA USA
1:10.23 YOSHI OYAKAWA USA	3:17.15 CLARKE MITCHELL USA	400 M. I.M.	29:08.75 JORDAN WOLLE USA
1:10.48 SHINGO YAMAMOTO JPN	3:18.50 ROBERT MAYO USA	6:32.11 BURWELL JONES USA	50 M. BACK
1:10.72 GRAHAM JOHNSTON USA	3:22.73 JOHN GRAVE CAN	7:01.55 HERB KERN USA	40.42 SHOICHI SHIDA JPN
1:12.61 ALDO EMINENTE FRA	50 M. BRST	7:24.39 ALAN RAPPERPORT USA	42.71 ROD BAKER AUS
1:12.69 WALTER LINCOLN USA	38.29 MANUEL SANGUILY USA	7:24.56 BOB BEST USA	42.71 PAUL HUTINGER USA
1:13.80 EROS STELLA ITA	39.34 WERNER MULLER GER	7:43.90 SEYMOUR BANNING GBR	42.85 MAX VAN GELDER NED
200 M. FREE	40.10 VITEZSLAV SVOZIL CZE	7:44.84 JORG FAUST GER	43.60 G.SHIMOMOTO JPN
2:34.31 GRAHAM JOHNSTON USA	40.38 MYRON LOCKEY USA	7:50.89 CHRISTOPHER SMITH CAN	43.76 ZAVEN BOGHOSSIAN BRA
2:36.82 BURWELL JONES USA	40.45 TSUTOMU KAJIHARA JPN	7:51.92 C WEATHERBEE USA	43.78 DALE WEBSTER USA
2:44.22 DAVE ANDERSON USA	40.50 JOHN KORTHEUER USA	7:51.99 PATRICK GALVIN AUS	44.45 F.YANAGISAWA JPN
2:47.19 ALDO EMINENTE FRA	40.74 SHUNSAKU TAKAHIRA JPN	8:08.37 MANFRED BICKEL GER	44.89 ERICH DILFER GER
2:48.04 BOB BARRY AUS	40.75 RUDI VAN ESS GER	*****	45.15 HAYAO UJIHARA JPN
2:48.37 ARAM BOGHOSSIAN BRA	41.08 BOB BEST USA	100 M. BACK	
2:48.43 J.LOUIS LE DALL FRA	41.55 CHUCK BALDWIN USA	M E N 75-79	1:34.42 ROGER FRANKS USA
2:49.70 ROBERT MAYO USA	100 M. BRST	*****	1:36.96 PAUL HUTINGER USA
2:50.97 FUMIO EGAMI JPN	1:29.19 WERNER MULLER GER	50 M. FREE	1:37.00 DALE WEBSTER USA
2:52.55 WERNER MULLER GER	1:29.52 MANUEL SANGUILY USA	32.92 SHOICHI SHIDA JPN	1:37.31 F.YANAGISAWA JPN
400 M. FREE	1:30.29 SHUNSAKU TAKAHIRA JPN	33.09 ALLEN MILES GBR	1:38.18 G.SHIMOMOTO JPN
5:28.97 BURWELL JONES USA	1:30.85 TSUTOMU KAJIHARA JPN	33.23 FRANK PIEMME USA	1:38.35 KARL HAUTER GER
5:48.29 DONALD HILL USA	1:31.20 VITEZSLAV SVOZIL CZE	33.28 TAKAHIKO NOMA JPN	1:40.93 SHOICHI NAKAGAWA JPN
5:53.08 BOB BARRY AUS	1:34.35 RUDI VAN ESS GER	33.52 MAX VAN GELDER NED	1:41.25 JAN ZIEGLER CZE
6:00.81 WERNER MULLER GER	1:35.01 BOB BEST USA	34.02 DALE WEBSTER USA	1:41.63 MIKIO FUJIWARA JPN
6:00.85 JOSEF KREJCI SUI	1:35.95 JOHN KORTHEUER USA	34.06 ROD BAKER AUS	1:43.39 Y.KAWAMOTO JPN
6:02.42 GRAHAM JOHNSTON USA	1:36.35 ERIVALDO LIMA BRA	34.28 ZAVEN BOGHOSSIAN BRA	200 M. BACK
6:10.02 ALAN RAPPERPORT USA	1:38.05 TAKASHI SATO JPN	34.32 TOSHIMI INATOMI JPN	3:27.54 ROGER FRANKS USA





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

Table with 4 columns: Rank, Name, Country, Time. Lists top 10 swimmers in long course meters for 2003, including names like G. Shimomoto, Karl Hauter, and Hiroshi Imaizumi.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

400 M. FREE	7:16.34	ANTOINE MAZOYER	FRA	3:17.37	BOYD CAMPBELL	USA		
7:59.07 ALDO DAROSA	50 M. FLY			3:25.02	SAMUEL JAIME	MEX	SC HELLAS EINBE	GER 2:02.23
8:13.30 ARTHUR THOMAS	58.75	ALDO DAROSA	USA	4:19.31	GEORGES PICARD	FRA	NICOLA HEISE	
8:40.97 DICK GUIDO	59.15	PAUL KRUP	USA	200 M. BACK			CELINA RATTAY	
9:45.52 HEINZ SIEGEL	1:01.52	WILLIAM JOHNSTON	USA	4:41.84	R.REINSTADTLER	GER	ANJA KLEIN	
10:39.67 JOSE LUIS GLORIA	1:06.91	TOKUSHI KOMEDA	JPN	4:58.86	WOODY BOWERSOCK	USA	DANIELA BAUMGARDT	
11:35.70 WILLIAM JOHNSTON	1:08.60	HEINZ SIEGEL	GER	5:52.18	GARY WEISENTHAL	USA	SG GLEMS	GER 2:03.95
12:55.00 FRANK TILLOTSON	1:10.94	ALDO CAPUTI	ITA	6:10.05	GASTAO FIGUEIREDO	BRA	IRINA HACKER	
800 M. FREE	100 M. FLY			6:24.30	NOBUO USHIMI	JPN	KATJA HECHEL	
17:42.70 NILS FERM	2:28.58	WILLIAM JOHNSTON	USA	7:01.51	FRED WALBOLT	USA	BRITTA VON EITZEN	
17:48.28 ARTHUR THOMAS	2:28.93	PAUL KRUP	USA	7:08.45	SAMUEL JAIME	MEX	DASCHA BENISE	
20:04.44 LYNN SURLS	2:41.53	ALDO CAPUTI	ITA	9:28.08	GEORGES PICARD	FRA	AMERICA F.C.	BRA 2:04.90
21:45.92 WILLIAM JOHNSTON	200 M. FLY			50 M. BRST				
23:54.29 HOWARD HOLMES	5:35.48	ALDO CAPUTI	ITA	1:08.83	MASAHISA KANEKO	JPN	MAJESTIC	NZL 2:05.54
1500 M. FREE	6:19.15	WILLIAM JOHNSTON	USA	1:11.21	R.REINSTADTLER	GER	LARISSA ARNEY	
35:51.69 ARTHUR THOMAS	200 M. I.M.			1:55.41	GEORGE BATKI	USA	NIKKI BOUCHEREAU	
46:45.49 HOWARD HOLMES	4:16.31	ALDO DAROSA	USA	2:44.08	T.VASCONCELLOS	BRA	JESSIE BILLS	
50:15.89 WILLIAM JOHNSTON	5:04.36	WILLIAM JOHNSTON	USA	100 M. BRST			IVANNA MOGIN	
50 M. BACK	400 M. I.M.			2:31.82	MASAHISA KANEKO	JPN		
45.83 GORO KOBAYASHI	11:23.79	WILLIAM JOHNSTON	USA	2:46.78	WALTER PFEIFER	USA	AGE 120-159	
50.55 TOSHIJI SATO				200 M. BRST			TEAM DASH	JPN 1:53.02
50.81 M.FUKUSHIMA	*****			5:37.00	MASAHISA KANEKO	JPN	YUKIKO OZAWA	
52.15 ARTHUR THOMAS	M E N 90-94			6:26.72	WALTER PFEIFER	USA	MIHO OKUHARA	
53.00 GODFREY WILLIAMS	*****			50 M. FLY			CHIE UDA	
53.10 NILS FERM	50 M. FREE			1:00.30	WALTER PFEIFER	USA	CHIHIRO SAITO	
54.93 EDWARD SHEA	39.19	WOODY BOWERSOCK	USA	100 M. FLY			SG BAYER WUPPER	GER 1:55.72
56.13 JOHN MERRILL	45.72	MASAHISA KANEKO	JPN	2:31.03	WALTER PFEIFER	USA	STEFFI NIEMITZ	
56.96 SHOJI MIZUTA	47.05	KAZUNAGA AKUTSU	JPN	200 M. FLY			ANDREA WINZER	
57.91 TOM HAVER	47.34	R.REINSTADTLER	GER	5:51.79	WALTER PFEIFER	USA	ANDREA HEUVENS	
100 M. BACK	47.67	MASAO UEDA	JPN	200 M. I.M.			A. REKOWSKI	
1:50.84 GORO KOBAYASHI	54.54	HEINZ HILLIGER	GER	5:12.11	WALTER PFEIFER	USA	AZ&PC	NED 1:55.78
1:57.39 GODFREY WILLIAMS	55.21	GARY WEISENTHAL	USA	400 M. I.M.			PETRA FROWIJN	
1:59.03 RYUJI FUJIKAWA	57.87	L CROSSETT	USA	11:19.91	WALTER PFEIFER	USA	H.VAN NORDEN	
2:00.38 JOHN MERRILL	1:04.85	GASTAO FIGUEIREDO	BRA				ATIE PIJTAK	
2:03.46 ARTHUR THOMAS	1:12.69	FRED WALBOLT	USA	*****			LIDIA VAN BON	
2:05.57 ED SHEA	100 M. FREE			M E N 95-99			SV NEPTUN HERNE	GER 1:55.98
2:06.18 NILS FERM	1:43.22	WOODY BOWERSOCK	USA	*****			PETRA DUDA	
2:12.28 TOKUSHI KOMEDA	1:53.29	MASAHISA KANEKO	JPN	50 M. FREE			ANDREA ROGALLA	
2:14.98 FRED HOLDREGE	1:56.79	KAZUNAGA AKUTSU	JPN	1:06.93	ALFREDO CHERCHI	AUS	TANJA BLOCH	
2:17.42 SHOJI MIZUTA	1:58.36	R.REINSTADTLER	GER	1:48.40	HANS HAHN	GER	T. DEGENKOLBE	
200 M. BACK	2:19.86	L CROSSETT	USA	50 M. BACK			NEPTUNE CLUB	FRA 2:02.50
4:18.24 TOSHIJI SATO	2:23.53	GARY WEISENTHAL	USA	1:41.25	ALFREDO CHERCHI	AUS	MURIEL ANDURAND	
4:22.20 JOHN MERRILL	2:34.46	FRED WALBOLT	USA	100 M. BACK			BLANDINE FAHY	
4:27.92 GODFREY WILLIAMS	2:40.17	ETSURO YASUI	JPN	3:32.44	ALFREDO CHERCHI	AUS	ISABELLE THOMAS	
4:30.60 RYUJI FUJIKAWA	3:23.42	SAMUEL JAIME	MEX	200 M. BACK			SANDRINE LE GALL	
4:31.47 ARTHUR THOMAS	3:50.34	T.VASCONCELLOS	BRA	8:20.31	ALFREDO CHERCHI	AUS	AQUATIC	SUI 2:03.04
4:43.67 ED SHEA	200 M. FREE						SONJA GWERDER	
4:49.46 WILLI WINDL	4:10.40	WOODY BOWERSOCK	USA	*****			ROBERTA BERNET	
4:50.78 FRED HOLDREGE	4:20.68	MASAHISA KANEKO	JPN	M E N 100-104			ESTHER ISEPPI	
4:58.87 DICK GUIDO	5:06.92	L CROSSETT	USA	*****			AMANDA PICARD	
5:07.59 JEAN LEEMPUT	5:42.84	R.REINSTADTLER	GER	*****			CFC PORTSQUARE	JPN 2:03.59
50 M. BRST	5:51.90	FRED WALBOLT	USA	RELAYS: WOMEN 200 M. FREE			HITOMI TOSHIOKA	
49.70 Y.MIYAMOTO	400 M. FREE			*****			JUNKO SHIODA	
52.39 ALDO DAROSA	9:39.37	WOODY BOWERSOCK	USA	AGE 100-119			AKIKO KAWAGUCHI	
52.53 HIROMU YOSHIMOTO	10:47.11	R.REINSTADTLER	GER	DALLAS	USA 1:58.36		NORIKO KARAKAMA	
54.66 PAUL KRUP	11:03.26	NOBUO USHIMI	JPN	AMY MESCHKE			SV GELNHAUSEN	GER 2:04.47
58.30 BRUD CLEAVELAND	11:14.94	L CROSSETT	USA	MARGARET CLIFFORD			GABRIELE SCHAFER	
1:00.53 RUSS WITTE	11:41.78	FRED WALBOLT	USA	LAURA KOCH			LOTTE HENNING	
1:01.75 ALDO CAPUTI	800 M. FREE			JENNIFER BROOKS			HEIKE HEEGER	
1:02.89 WILLIAM JOHNSTON	21:07.17	WOODY BOWERSOCK	USA	NTMC	CAN 1:59.22		MEIKE MULLER	
1:03.94 HEINZ SIEGEL	29:34.41	GARY WEISENTHAL	USA	DOMINIQUE CAMERON			MEGALOS HACHIOJ	JPN 2:04.59
1:04.07 MASAHARU HAMANO	1500 M. FREE			KATIE OSBORNE			YUKO TOKUYAMA	
100 M. BRST	51:09.50	GARY WEISENTHAL	USA	MARIJANA PROMORAC			KIYOMI MITA	
2:00.89 ALDO DAROSA	50 M. BACK			JANET MAYVILLE			MAYUMI TATENO	
2:13.55 BRUD CLEAVELAND	54.41	MASAHISA KANEKO	JPN	DYNAMITE HIPS	JPN 2:00.47		KIYOKO HOKURA	
2:15.02 PAUL KRUP	55.98	KAZUNAGA AKUTSU	JPN	JUNKO OKOCHI			CENTRAL FC YOGA	JPN 2:04.76
2:18.75 RUSS WITTE	56.43	WOODY BOWERSOCK	USA	HINAKO ORI			MASAKO HIROTA	
2:30.36 WILLIAM JOHNSTON	59.88	HEINZ HILLIGER	GER	RIE INAGUMA			AKIKO GOTO	
2:42.47 JACK MATHIESON	1:00.63	R.REINSTADTLER	GER	NATSUKO YAMAUCHI			SHIZUKA YOKO	
2:45.82 SHOJI MIZUTA	1:04.54	SHOGORO AZUMA	JPN	SO MILLAU	FRA 2:00.47		FUSAKO TAKINO	
2:46.18 MASAHARU HAMANO	1:05.89	GARY WEISENTHAL	USA	SONIA WADELLE				
2:47.81 CRISOPORO IBANEZ	1:10.14	GASTAO FIGUEIREDO	BRA	SYLVIE GACHES			AGE 160-199	
2:53.09 JIM PANTON	1:33.09	SAMUEL JAIME	MEX	STEPHANIE ALAUZE			BSC ROBBERN BERL	GER 1:59.55
200 M. BRST	1:37.54	FRED WALBOLT	USA	SANDRA TARDEZ			ANDREA HALBACH	
4:25.31 ALDO DAROSA	100 M. BACK			CN SANTA OLAYA	ESP 2:01.94		S.FELGENTRAGER	
5:07.64 RUSS WITTE	2:10.36	WOODY BOWERSOCK	USA	LOPEZ			BARBARA STUBBE	
5:47.44 JACK MATHIESON	2:11.19	MASAHISA KANEKO	JPN	GARCIA			UTE ROMBERG	
5:53.49 MASAHARU HAMANO	2:16.29	R.REINSTADTLER	GER	TERAN			HADRIAN MASTERS	GBR 2:01.84
5:57.94 WILLIAM JOHNSTON	2:41.73	GARY WEISENTHAL	USA	TERAN				
6:02.18 SHOJI MIZUTA	3:17.30	FRED WALBOLT	USA	A.T.BRASILIA	BRA 2:01.98		WASSERFREUNDE W	GER 2:03.65



## FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

SANDRA MIKOVIC JUTTA MEEUW PETRA FOCKE HEIDI UPPEKAMP VMST USA 2:04.23	SAYOKO NAKAJIMA MARIKO SAKAI EIKO KUROKAMA OAHU KIOICHO JPN 2:20.45	KATSUE NOMURA YOKO KOBAYASHI YOSHIKO KINOSHITA KEIKO YOKOTA SUKOYAKA ST JPN 3:07.65	IRINA HACKER A.T.BRASILIA BRA 2:21.95
LISA BENNETT CAYCEE BUSCAGLIA DEBBIE JAEGER MARGARET GALE BRAMASTERS BRA 2:04.43	TOMOKO TAMPO YOSHII FUNANO HIROKO KAYAMORI KEIKO YAMADA	TERUKO UEDA YOKO SATO CHIZUKO TSUCHIDA EIKO SATO FC TOKYO DOME JPN 3:08.32	AGE 120-159 SV NEPTUN HERNE GER 2:14.34
CFC FUTMAMTAGAW JPN 2:05.08	AGE 240-279 SOLK HELLAS SWE 2:19.97	FUMI TSUCHIDA KII SAITO HISAKO CHICHII CHIE WATANABE MANLY MASTERS S AUS 3:13.87	TANJA BLOCH PETRA DUDA RENATE CHRIST TANJA DEGENKOLBE AZ&PC NED 2:14.36
HIDEKO HORI MACHIKO TAKEI HISAE NOJIMA ASKO SUZUKI EN TOURS FRA 2:05.27	MARGARETA RAINER MARGIT OHLSSON BRITT GRILLI HARRIET BURE JUEI CLUB JPN 2:22.83	BARBARA VICKERS LIZ WALLIS SUE JOHNS GOSFORD CITY SE AUS 3:14.68	LIDIA VAN BON ATIE PIJTAK CFC PORTSQUARE JPN 2:15.57
SYLVIE LE NOACH PASCALE HUMBERT CLAUDE VIALLE ELISABETH BEUCHER IWATSUKISHI SUI JPN 2:07.23	TERUKO NISHISAKO HARUMI MASUOKA MIYOKO IMURA YURIKO NAGAMATSU SG NEUKOLLN BER GER 2:23.73	MARGARET HOUSTON MARGARY MCNAB MARGARET DAVEY KAY GRAHAM ICARAI\INTTEGRA BRA 3:17.24	JUNKO SHIODA AKIKO KAWAGUCHI HITOMI TOSHIOKA NORIKO KARAKAMA SPHERE JPN 2:17.27
KAORI WATANABE MAKO SHIBAZAKI KUNIYO SHINKAI YOKO NAKAMURA HAKUYO S JPN 2:07.65	MARGA SCHULZE MONIKA SENFTLEBEN PETRA HEWELCKE BRIGITTE MERTEN ISLAND TAKATSUK JPN 2:26.03	VAL LINCOLN ROSEMARY MCNAB MARGARET DAVEY KAY GRAHAM	MIKI NAMAI KANAE AKIHA YOKO YAMAGUCHI MIWA YOSHII SG WISTE GER 2:18.45
MICHIE BAN TOSHIE KIYOMOTO HIROMI KIDO HARUMI SUGINUMA WCM USA 2:07.67	KEIKO FUJIMOTO HISAKO SATO MICHIKIO OTO KAZUE OZAKI OAHU KIOICHO JPN 2:28.38	AKIKO ONOHARA YOSHIKO WATANABE SUMIKO YANAGISAWA KATSUE EBATO YOKOHAMA SUIEIK JPN 4:30.46	NATASCHA KOSIN AINOSENHI JPN 2:19.28
CHARLENE OBRIEN CAROL KESSLER DIANA DAYMOND MICHELLE GHIGGERI	SATOKO KAWATA HIROKO KAYAMORI TOSHICO SHIMIZU TERUKO MURAKAMI KINGS CORMORANT GBR 2:28.71	CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	ANJA GOLTERMANN MARTINA HOMEYER KARIN SEICK TOMOKO WATANABE MIKI TAKAYAMA TOMIKO MATSUO A.T.BRASILIA BRA 2:21.72
AGE 200-239 NEM USA 2:09.47	VMST USA 2:28.80	AGE 320-359 OAHU KIOICHO JPN 4:14.72	MAJESTIC NZL 2:21.89
JACKI HIRSTY BARB HANDLER CLAIRE O'BRIEN TRACY GRILLI 1776 USA 2:11.06	LUCILLE GRIFFIN RUTH BENNETT LAURA WALKER MARCIA BARRY DCM USA 2:30.07	AKIKO ONOHARA YOSHIKO WATANABE SUMIKO YANAGISAWA KATSUE EBATO YOKOHAMA SUIEIK JPN 4:30.46	IVANA MOGIN REBECCA TOHILL LARISSA ARNEY JESSIE BILLS KARUPIKO JPN 2:22.56
S WALSH BEILMAN JANE ZIEGLER CECILIA MCCLOSKEY DOT MUNGER SWIM NETWORK JPN 2:11.46	NANCY KIRKENDALL BARBARA ZAREMSKI IDA HLAVACEK ANN SVENSON CONN USA 2:33.62	CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	ROMFORD TOWN GBR 2:08.75
MISA FUNATSU MASAKO ENZAN SETSUKO MIYAZAKI KEIKO NAGANO SG FRANKFURT GER 2:13.80	MEREDITH MOORE SUZANNE GRAHAM MARGIT JEBE CHRISTIE HAYES HAKUYO S JPN 2:34.08	MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	BORD ETUD FRA 2:09.20
B. LANGE-MROZINSKI HAIKE HOLER ANNE ROSE TROBISCH IRIS TECKENTRUP JUST JPN 2:16.28	MITSUOKO HAYASHI MASAKO NISHIDE KEIKO KADOKURA FUMIKO NAKAMURA	CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	C. AMESTOY MARIANNE GUIRAUD SANDRA JOFFROY BEATRICE ORSONI NTMC CAN 2:12.53
SACHIKO SAITO SETSUKO SATO TOSHIKO HARASHIMA SETSUKO TANAKA CLAREMONT AUS 2:18.30	MITSUKO HAYASHI MASAKO NISHIDE KEIKO KADOKURA FUMIKO NAKAMURA	CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	DOMINIQUE CAMERON JANA CHVATAL MARIJANA PRIMORAC JANET MAYVILLE BRITISH POLICE GBR 2:12.87
SALLY BELL JENNY WILLIAMS BETT MONTGOMERY PIP HAWSON NCMS USA 2:19.67	WIN FUKUSHIMA JPN 2:51.28	CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	DALLAS USA 2:13.72
HEATHER HAGEMAN SALLY NEWELL JEANNIE MITCHELL KIM STOTT FU JPN 2:20.16	AGE 280-319 SOLK HELLAS SWE 2:48.27	CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	JENNIFER BROOKS LAURA KOCH AMY MESCHKE MARGARET CLIFFORD DYNAMITE HIPS JPN 2:16.50
HIROKO NAKAGAWA MISAKO SATAKE JUNKO IDE TOMOMI SHIRASU HOLIDAYTOYOHASH JPN 2:20.43	KERSTIN GJORES EVA-BRITT WIDAHL MARIANNE GRANE B. HJALMARSSON SUNWAY YOKOHAMA JPN 2:50.55	CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	MARGARET CLIFFORD DYNAMITE HIPS JPN 2:16.50
YUKIKO KATO	SHOKO YONEZAWA YOKO SUGIYAMA SHIGEKI TANAKA MASAE KURATA WIN FUKUSHIMA JPN 2:51.28	CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	MEGUMI SOBUE MIWA ISHIKAWA NATSUKO YAMAUCHI HINAKO ORI CN SANTA OLAYA ESP 2:17.21
	YOSHIKO SATO OAHU KIOICHO JPN 2:53.59	CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	MUYIZ TERAN GARCIA LOPEZ SC HELLAS EINBE GER 2:17.72
	HARUMI SUGIMOTO NORIKO YATSUNAMI KIYOE KOYAMA AKIKO ONOHARA SC NAS MACHIDA JPN 2:57.71	CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	ANJA KLEIN CELINA RATTAY DANIELA BAUMGARDT NICOLA HEISE SG GLEMS GER 2:17.74
		CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	DASCHA BENSE LISA OFFINGER KATJA HECHEL
		CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	ACADEMIA PRAIA BRA 2:22.57
		CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	AGE 160-199 VIC CAN 2:10.75
		CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	CINDY RADFORD JUDY WOODWARD SARAH MACDONALD AVILA RHODES BSC ROBBEN BERL GER 2:11.53
		CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	BARBARA STUBBE KATJA WACHTER S. FELGENTRAGER UTE ROMBERG BRAMASTERS BRA 2:19.19
		CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	CDC FUTAMATAGAW JPN 2:21.64
		CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	ASAKO SUZUKI HISAE NOJIMA MACHIKO TAKEI HIDEKO HORI SGS HANNOVER GER 2:21.84
		CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	DOROTHEA PIELKE CONNIE NEUBERT DAGMAR FRESE NICOLE THEUR RYDE AUSSI MAST AUS 2:22.12
		CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	TERINA JONES JENNY WHITELEY C. CHATTERTON JULIE MATTHEWS EN TOURS FRA 2:22.68
		CHIYOKO TAKIZAWA MASAKO MATSUNO MICHIKO TEJIMA CHIEKO TAKANO ***** RELAYS: WOMEN 200 M. MEDLEY *****	ELISABETH BEUCHER







FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

ROBERT JONES				HAKUYO S	JPN	2:01.58	LENNART INGMO			UWE BODUSCH		
CRAIG STEVENS				MITSUO HIRASAWA			AMARAL MASTER	BRA	4:10.52	SVEN GUSKE		
RACING CLUB	FRA	1:49.90		SADAYUKI WAKAI			WARRINGAH MASTE	AUS	4:33.00	KUWANASUIEI	JPN	1:56.19
GILLES LAFFICHE				HIROSHI NONAKA			JOHN GWILLIM			TATSUYA YAMAMOTO		
CHARLES THOMANN				TAKASHI TERAKOSHI			HARRY MOFFETT			MASAYOSHI YAMASHI		
C.STARZEC							J. STEEN			KENSHI MIZUTANI		
LAURENT NEUVILLE				AGE 280-319			JOHN SHERIDAN			TAKEHIKO OTSUKI		
NIAG	USA	1:51.13		O*H*	USA	2:12.20	C. R. ICARAI	BRA	4:51.04	GSM	USA	1:56.40
JEFFERY HUMPHREYS				SID HALL			*****			CURTIS SAWIN		
DANIEL KORNBLOTT				JOHN MEDICI			RELAYS: M E N 200 M. MEDLEY			BENN DOYLE		
JIM MATYSEK				JOHN FLORANCE			*****			RYAN BISE		
TOM MEADE				YOSHI OYAKAWA			AGE 100-119			SCOTT YEOMANS		
SOSHIGAYA	JPN	1:51.15		SUNWAY YOKOHAMA	JPN	2:12.47	SGS HAMBURG	GER	1:49.44	NEM	USA	1:56.42
TAKASHI SUZUKI				TETSUO NAKAMARU			THOMAS JESERIG			MICHAEL GALLAGHER		
HIROOKI AOKI				TAKAHIKO NOMA			BASTIAN KAMPMANN			GIAN SCOZZARO		
Y.NISHIHARA				MINORU NAGASHIMA			AIMO HEILMANN			JASON EADDY		
HIROYUKI AMAZAKI				T.WATANABE			VOLKER WINDECK			MATTHEW GILSON		
SMMM	USA	1:52.30		DOLPHIN SC	JPN	2:12.51	ACADEMIA PRAIA	BRA	1:52.51	WITH H	JPN	1:56.43
JAMES SWEENEY				JIRO NAGASAWA			CN CANNES	FRA	1:53.07	AKIRA INADA		
FRANK ELLIOTT				S.SEKIKAWA			STEPHANE HERNIOU			NORIYUKI KAGAMI		
DANIEL KENNY				TAKANAO SATO			NORBERT BOURDON			HIROYUKI NAKAMURA		
RANDY BROWN				HISAO MIKURIYA			FABRICE MARION			TSUYOSHI IWANO		
SDSM	USA	1:52.34		SDSM	USA	2:13.87	RAPHAEL PAU			SK SPARTA KONST	GER	1:56.72
DAN MCCULLAR				BOB BEST			CAMPIONE	JPN	1:54.38	A. KLAUSSNER		
MARK SPRATT				DUANE DRAVES			KOJI NIAHIGUCHI			M. SCHAMBACH		
MICHAEL AHERN				DONALD BAKER			KIMIHIDE TATSUMI			NICO KOCH		
MARK WUSSLER				C MUTER			HARUNORI UCHIBORI			JOHANNES BRIECHLE		
IM	USA	1:52.44		HAKUYO S	JPN	2:16.57	FUMIO AMANO			AGE 160-199		
BILL MULLIKEN				HIROSHI NONAKA			SG FRANKFURT	GER	1:54.83	DCAC	USA	1:56.91
JAMES RUSSELL				TOSHIMI INATOMI			P.SCHAFFRANIETZ			ALAN GODFREY		
PHIL DODSON				SADAYUKI WAKAI			DANIEL CHAPPEL			JOSE CUNNINGHAM		
THOMAS MC CABE				KENSUKE SATO			THORSTEN UNGER			NEILL WILLIAMS		
C.P.MORUMBY	BRA	1:52.58		FLUMINENSE F.C.	BRA	2:17.24	INGO KOLB			STAN YOUNG		
GSM	USA	1:53.86		SG REMSCHEID	GER	2:19.35	AMA REPUBLIC	JPN	1:57.63	SV FRIEDRICHSHA	GER	1:57.31
EDWARD NESSEL				HERBERT HAUPT			SHUNSUKE SONODA			MANFRED KODER		
LAWRENCE SEIDMAN				ERICH DILFER			RINTARO KIHARA			ROBERT BERGER		
ARTHUR WEIN				MANFRED BICKEL			SHINICHI KAWATO			HARTMUT BERNER		
TOM GEIMAN				RUDI VAN ESS			MASAKATSU USAMI			THILO ALBRECHT		
AGE 240-279				NEM	USA	2:25.95	KONAMI HAMAMATS	JPN	1:57.81	NCMS	USA	1:57.46
GOLD	USA	1:52.01		JAMES EDWARDS			TORU ONODA			JONATHAN KLEIN		
CAV CAVANAUGH				F TED HAARTZ			K.MAUTSURA			FRITZ LEHMAN		
JERRY GREENBERG				WALTER LINCOLN			SHOJI NAKANISHI			HENRY STEWART		
JOEL BURNS				FRANK MCQUIGGAN			TORU OKUDA			ANDREW FARRELL		
GEORGE SCHMIDT				SV BLAU-WEISS	GER	2:26.39	GOLD RUSH	JPN	1:57.86	1776	USA	1:57.48
SOLK HELLAS	SWE	1:57.18		MARTIN KREFT			KENTARO NAKAMURA			DAVID CASTO		
ERIC FORSLUND				MANFRED FISCHER			TATSUAKI SHIRATA			GREGORY OXLEY		
BENGT FURBERG				AUGUST DEMUHS			KENJI KOBAYASHI			CHARLES NORELLI		
INGVAR RIKSSON				HELMUT HUNOLD			HAJIME MIZUMA			THOMAS MEADE		
PETER BERGENGREN				SK RAN	SWE	2:26.45	SC DINSLAKEN	GER	1:58.13	BRAMASTER	BRA	1:57.61
SV POSEIDON HAM	GER	1:58.18		TORE PERSSON			ROLF SPIWOKS			MURASAKI SPORTS	JPN	1:57.78
MANFRED BONICKE				ALLAN ANDERSSON			UDO SPIWOKS			AKITO KOIZUMI		
SIEGFRIED MASULA				INGE BLOMQUIST			TIM SPIWOKS			TSUYOSHI KATO		
DIETER SEIFERT				LENNART BROCK			FRANK IRMER			MAKIO ENDO		
WOLFRAM GOTTFRIED				AGE 320-359			FHM BIRMINGHAM	GBR	1:59.46	YOSHIHIRO KISHI		
SMMM	USA	1:59.87		JUEI CLUB	JPN	2:20.89	AGE 120-159			NEM	USA	1:59.00
RANDY BROWN				SHOICHI SHIDA			VFL SINDELFINGE	GER	1:51.39	GUY DAVIS		
NORMAN STUPFEL				KEIJIRO NAKAMURA			PETER OBERGLOCK			BRIAN CASEY		
GARY BRENNER				KATSUZO SHIRAYAMA			P.KUTSCHER			EDMUND GENDREAU		
DONALD GALINE				ISAMU TAMURA			FRANK RUDOLPH			STUART CROMARTY		
VSA HIRAKATA	JPN	2:00.15		FMM	USA	2:45.81	UWE STREICH			GOLD	USA	1:59.48
SHUNJI NAGAHAMA				PAUL HUTINGER			ASAHIKAWA SS	JPN	1:54.83	MARTY HENDRICK		
KUNIHIRO SATO				BRUD CLEAVELAND			YSSUKE KOSUGI			SEAN FRAMPTON		
HIROSHI KOJIMA				JOSEPH KURTZMAN			KAZUNORI TOKOI			JONATHAN OLSEN		
TAKEKAZU KOTERA				ROBERT BLAKE			YUSUKE ODA			ED SUAREZ		
MSV MUNCHEN	GER	2:00.67		YOKOHAMA SUIEIK	JPN	3:13.13	TSUYOSHI KOIKE			RACING CLUB	FRA	2:01.12
PETER FRENZEL				YOSHIAKI UEDA			AINOSENSHI	JPN	1:55.08	GILLES LAFFICHE		
HERBERT GRUBER				HIDEAKI KATO			SHIGEHO NAKAYAMA			C.STARZEC		
WERNER LECHNER				HISAO NAKAI			NARIHITO WAKUI			LAURENT NEUVILLE		
ROLF GITTER				AKIRA MATSUNO			YASUHIRO OKADA			DOMINIQ GOUVIAUX		
ACADEMIA PRAIA	BRA	2:00.97		SETAGAYA MASTER	JPN	3:15.78	TSUBASA KATO			NOVA	USA	2:01.40
SG NEUKOLLN	GER	2:01.20		HIDEYA FUJII			TCC-COMPETITION	BRA	1:55.31	TORD BENNER		
ADU HEWELCKE				HIROSHI HASEGAWA			POST LEIPZIG	GER	1:55.53	TERRY TONGATE		
REINHARD ROSADA				KINEO MATSUDA			JARNO WITTIG			FRANK WASKO		
PETER SENFTLEBEN				IWAO NARUSE			REINHARD MAIWALD			WILLIAM WHERRITT		
KLAUS MERTEN				SOLK HELLAS	SWE	3:32.00				AGE 200-239		
FLUMINENSE F. C	BRA	2:01.54		BO AMNELL						WASSERFREUNDE W	GER	2:01.69
				NILS FERM						FOLKERT MEEUW		
				ARNE JUTBER								



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003

A. SCHLAGMANN AXEL FOCKE PETER NOCKE RACING CLUB FRA 2:03.28 GILLES LAFFICHE C. STARZEC LAURENT NEUVILLE CHARLES THOMANN GSM USA 2:07.18 KENNETH NIEMI EDWARD NESSEL TOM GEIMAN ED TSUZUKI SG DORTMUND GER 2:07.28 HANS-PETER BELLEN RAINER OPITZ VOLKER HOLTKE MARKUS REINHARDT MSV MUNCHEN GER 2:07.87 P. DIEFENTHALER ROLF GITTER KLAUS DAHLINGER HANS MUHLE TCC-COMPETITION BRA 2:08.23 SWIM USA 2:08.39 CASEY CLAFLIN MARK DRENNEN KEVIN MCCORMACK MIKE STOLLMEYER NIAG USA 2:08.66 DANIEL KORNBLOTT JIM MATYSEK JEFFERY HUMPHREYS TOM MEADE ICHIKAWA AC JPN 2:08.89 TAKEO HIRAMOTO HIROSHI KAWAKAMI TADAO SATO KAZUKI YUZAWA SOSHIGAYA JPN 2:09.00 HIROOKI AOKI Y. NISHIHARA HIROYUKI AMAZAKI TAKASHI SUZUKI AGE 240-279 NCMS USA 2:14.42 CLARKE MITCHELL ROBERT SCHMITZ BERNARD WHITE JERRY CLARK SV POSEIDON HAM GER 2:14.45 DIETER SEIFERT SIEGFRIED MASULA MANFRED BONICKE WOLFRAM GOTTFRIED OREG USA 2:16.73 ROBERT SMITH ALLEN STARK BERT PETERSEN GEORGE THAYER SMMM USA 2:17.06 DONALD GALINE NORMAN STUFFEL RANDY BROWN GARY BRENNER SOLK HELLAS SWE 2:17.06 ERIC FORSLUND MATTHIAS KRONER PETER BERGENGREN BENGT FURBERG ACADEMIA PRAIA BRA 2:18.20 SG NEUKOLLN GER 2:18.98 KLAUS MERTEN ADU HEWELCKE HELMUT BEER HARALD BESTIAN MSV MUNCHEN GER 2:19.15	HANS MUHLE WERNER LECHNER PETER FRENZEL ROLF GITTER FLUMINENSE F. C BRA 2:19.34 OAHU KIOICHO JPN 2:19.46 MAMPEI SEINO TERUO IWATA MASARU IGARASHI KUNIMASA KASHIKI AGE 280-319 NORTH CAROLINA USA 2:26.17 CLARKE MITCHELL JOHN KORTHEUER RICHARD KITCHELL DICK WEBBER SDSM USA 2:28.46 DUANE DRAVES BOB BEST C MUTER DONALD BAKER MASTERS S TEXAS USA 2:29.40 GRAHAM JOHNSTON CHUCK BALDWIN BOB BAILIE GENE FERGUSON DOLPHIN SC JPN 2:30.55 SHIGEHISA SEKIKAW MAMORU TANAKA HISAO MIKURIYA JIRO NAGASAWA O*H* USA 2:35.09 YOSHI OYAKAWA JOHN MEDICI SID HALL JOHN FLORANCE KAMAKURA MSC JPN 2:36.92 MINORU UEMURA TAKAO TSUCHIYA YOSHIHIRO NAKANO SATOSHI TOKUSHIGE BRAMASTERS BRA 2:40.50 HAKUYO S JPN 2:42.26 SADAYUKI WAKAI KENSUKE SATO TOSHIYASU INUKAI TOSHIIMI INATOMI SK RAN SWE 2:42.50 ALLAN ANDERSSON LENNART BROCK TORE PERSSON INGE BLOMQUIST SV BLAU-WEISS GER 2:45.66 MARTIN KREFT MANFRED FISCHER HELMUT HUNOLD AUGUST DEMUHS AGE 320-359 JUEI CLUB JPN 2:54.74 KEIJIRO NAKAMURA KATSUZO SHIRAYAMA SHOICHI SHIDA ISAMU TAMURA FMM USA 3:00.89 PAUL HUTINGER BRUD CLEVELAND JOSEPH KURTZMAN ROBERT BLAKE OREG USA 3:17.93 RUPERT FIXOTT MILTON MARKS ANDREW HOLDEN GILBERT YOUNG SOLK HELLAS SWE 3:45.77 NILS FERM LENNART INGMO	BO AMNELL ARNE JUTNER BC CAN 4:03.48 JAMES WARD JIM PANTON JIM PORTELANCE PETER LOFTS AGE 360-399 NORTH CAROLINA USA 7:38.40 BOYD CAMPBELL MARTIN RUTTER JIM SCHERBARTH HAROLD HOFFMAN ***** RELAYS: MIXED 200 M. FREE ***** AGE 100-119 ASV WUPPERTAL GER 1:48.68 JOCHEN BRUHA TOBIAS HAHN SILKE PROBIAN DANIELA RUDOLPH POST LEIPZIG GER 1:48.96 JARNO WITTIG SVEN GUSKE D. GRIESSHAMMER C. SABOROWSKI SC WIESBADEN 19 GER 1:49.27 STEFAN BURGER ANNE KUHN ANKE RITTGEN OLIVER GROSSMANN SC DINSLAKEN GER 1:50.24 ROLF SPIWOKS SIMONE DICKMANN SIMONE KORTHAUER TIM SPIWOKS ACADEMIA PRAIA BRA 1:51.97 SC HELLAS EINBE GER 1:52.50 NICOLA HEISE M. SCHEUERMANN JOCHEN SCHMITZ DANIELA BAUMGARDT AMERICA F. C. BRA 1:52.52 SV GELNHAUSEN GER 1:52.53 GABRIELE SCHAFFER THORSTEN BARCNET MEIKE MULLER STEPHAN HECKER CN SANTA OLAYA ESP 1:53.03 LOPEZ GARCIA BLAS NORIEGA FORMULA ACADEMI BRA 1:53.23 AGE 120-159 BRITISH POLICE GBR 1:47.08 SO MILLAU FRA 1:48.36 CYRIL CAVAGNA SYLVIE GACHES SONIA WADELLE PIERRE RABAT ACADEMIA 4X1 BRA 1:48.89 SV NEPTUN HERNE GER 1:49.30 PETRA DUDA CHRISTIAN STUBER CHANJA DEGENKOLBE JENS STROHMAYER WASPO NORDHORN GER 1:49.74 MARCEL EKKELBLOOM BRITTA STEVENS CLAUDIA KERN GUNTER STROTKER	SG FRANKFURT GER 1:50.02 ANTJE PRAEFKE SILVIA VIDA H. HARBRECHT P. SCHAFFFRANIETZ NCMS USA 1:50.28 MARY DEMILIA HEATHER HAGEMAN ANDREW FARRELL HENRY STEWART AINOSENSHI JPN 1:50.45 MIKI TAKAYAMA SHIGEO NAKAYAMA TOMIKO MATSUO YASUHIRO OKADA GOST USA 1:50.81 GRANT WILSON JULIA APPLGATE LIV ANN GJESTVANG JOSEPH REINHARDT C. R. FLAMENGO BRA 1:51.33 AGE 160-199 METR USA 1:48.04 ROBERT GOLDBLOOM JANET HARRIS JAMES ANDERSON MARIA DOELGER IM USA 1:48.47 THOMAS MC CABE JAMES RUSSELL ANDREA BLOCK NADINE DAY AZ&PC NED 1:48.90 PETRA FROWIJN ATIE PIJTAK P. VAN MEERVELD EDWIN VAN NORDEN BSC ROBBEN BERL GER 1:49.95 STEPHAN MEISSNER S. FELGENTRAGER SVEN GRUNERT UTE ROMBERG NEM USA 1:50.69 EDMUND GENDREAU BARB HANDLER JACKI HIRSTY STUART CROMARTY NOTTINGHAM LEAN GBR 1:52.12 BRAMASTERS BRA 1:52.43 GSM USA 1:53.53 AMY CAROW JENNIFER PORTMAN JOHN BALIKO BRENT MATHESON LEVIN NZL 1:53.60 JEREMY PERROTT JANE PERROTT REBECCA PERROTT ADAM PERROTT WASSERFREUNDE W GER 1:53.82 SANDRA MIKOVIC HEIDI UPPENKAMP A. SCHLAGMANN PETER NOCKE EN TOURS FRA 1:53.82 P. POURCELOT SYLVIE LE NOACH ELISABETH BEUCHER HERVE LE NOACH AGE 200-239 WASSERFREUNDE W GER 1:58.14 AXEL FOCKE JUTTA MEEUW PETRA FOCKE FOLKERT MEEUW
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**FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003**

1776	USA	2:00.66	KIM STOTT	LENNART INGMO	NORIKO OSUGI
			SALLY NEWELL	BARBRO THORNELOF	NORIYUKI KAGAMI
			JERRY CLARK	NILS FERM	HIROYUKI NAKAMURA
			CLARKE MITCHELL	1776	USA
			MANDURAH	AUS	3:48.13
			ROD BAKER	NORMAN GARSOE	POST LEIPZIG
			IVAN WINGATE	MARY WIXTED	GER
			JEANNETTE REIN	JEANNE MERRYMAN	2:02.56
			PAULINE WINGATE	CLARENCE WEBB	KATRIN FRITSCH
			SOLK HELLAS	MANLY MASTERS S	REINHARD MAIWALD
			ROLF TEGBACK	AUS	SVEN GUSKE
			MARIANNE GRANE	4:04.29	D. GRIESSHAMMER
			B. HJALMARSSON	JAMIE JENKINS	AINOSENHI
			PETER BERGENGREN	HEDLEY CRISP	JPN
				JAN ALLPORT	2:02.79
				MARGARET HOUSTON	MIKI TAKAYAMA
				YOKOHAMA SUIEIK	NARIHITO WAKUI
				AKIRA MATSUNO	YASHIRO OKADA
				CHIYOKO TAKIZAWA	TOMIKO MATSUNO
				MASAKO MATSUNO	SG FRANKFURT
				TOSHIHIKO OTANI	GER
				CLUB NAGI	2:03.87
				SELLARES	P. SCHAFFRANJETZ
				PAGES	ANTJE PRAEFKE
				MARGARIT	SILVIA VIDA
				CLARET	H. HARBRECHT
				CAMPOS\AES\UTC	ACADEMIA 4X1
				C. R. ICARAI	BRA
				5:36.65	2:03.94
				*****	
				RELAYS: MIXED 200 M. MEDLEY	
				*****	
				AGE 100-119	
				GOLD RUSH	
				JPN	
				1:58.08	
				NAHOMI ERIGUCHI	
				HAJIME MIZUMA	
				CHIKA KOBAYASHI	
				KENTARO NAKAMURA	
				NAKADATE PEACH	
				JPN	
				2:04.37	
				AKI INOUE	
				SATOSHI OSHIBA	
				AKIFUMI FURUYA	
				YUKI INOUE	
				SC DINSLAKEN	
				GER	
				2:04.49	
				ROLF SPIWOKS	
				TIM SPIWOKS	
				SIMONE DICKMANN	
				SIMONE KORTHAUER	
				ACADEMIA PRAIA	
				BRA	
				2:05.73	
				FORMULA ACADEMI	
				BRA	
				2:06.25	
				SG GLEMS	
				GER	
				2:07.02	
				DASCHA BENSE	
				WOLF GIESEKE	
				HOLGER KUNICK	
				IRINA HACKER	
				SC HELLAS EINBE	
				GER	
				2:07.64	
				ANJA KLEIN	
				M. SCHEUERMANN	
				JOCHEN SCHMITZ	
				DANIELA BAUMGARDT	
				PE MASTERS	
				BRA	
				2:08.30	
				CN SANTA OLAYA	
				ESP	
				2:08.43	
				NORIEGA	
				BLAS	
				GARCIA	
				LOPEZ	
				SV BAYREUTH	
				GER	
				2:08.72	
				MICHAEL SCHMITT	
				KERSTIN REITER	
				HEIKE RUCKER	
				ANDREAS FRIEDRICH	
				AGE 120-159	
				TEAM DASH	
				JPN	
				1:55.43	
				HIROSHI NISHIMURA	
				HIDEAKI TOGO	
				YAYOI SAKAMOTO	
				YUKIKO OZAWA	
				WITH H	
				JPN	
				2:01.28	
				NEM	
				USA	
				2:08.88	
				MARGARET RIVER	
				AUS	
				2:08.84	
				C. O'BEIRNE	
				ROGER MCMILLAN	
				SHANE GOULD	
				CRAIG MCARTHUR	
				USA	
				2:08.88	



**FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2003**

TRACY GRILLI	BERT PETERSEN	SOLK HELLAS	SWE	4:01.57
BRIAN CASEY	JACKIE QUATTRO	NILS FERM		
GUY DAVIS	SOLK HELLAS	LENNART INGMO		
JACKI HIRSTY	BENGT FURBERG	BARBRO THORNELOF		
	HARRIET BURE	EVA-BRITT WIDAHL		
AGE 200-239	INGVAR ERIKSSON	WCM	USA	4:13.94
1776	B. HJALMARSSON	JAE HOWELL		
CECILIA MCCLOSKEY	OAHU KIOICHO	PHYLLIS CROCKETT		
DOT MUNGER	KEIKO YAMADA	BILL JOHNSTON		
CRAIG STEVENS	TERUO IWATA	RICHARD SMITH		
ROBERT JONES	HARUMI SUGIMOTO	1776	USA	4:30.33
WASSERFREUNDE W GER	KENICHI MIYAMOTO	CLARENCE WEBB		
FOLKERT MEEUW	ISLAND TAKATSUK	NORMAN GARSOE		
HEIDI UPPEKAMP	KAZUE OZAKI	JEANNE MERRYMAN		
JUTTA MEEUW	SHINGO NOGAMI	MARY WIXTED		
ANDREAS PETERSEN	HISAKO SATO	MANLY MASTERS S AUS		4:33.03
SOLK HELLAS	KIYOJI AMOTO	JAN ALLPORT		
MARGIT OHLSSON	SG FRANKFURT	BARBARA VICKERS		
ROLF TEGBACK	HAIKE HOLER	HEDLEY CRISP		
HANS LJUNGBERG	HORST SCHULZE	JAMIE JENKINS		
MARGARETA RAINER	MICHAEL WOLSKI	CM	USA	4:41.60
MSV MUNCHEN	ANNEROSE TROBISCH	MAURINE KORNFELD		
GERLINDE MAUTE		WALTER PFEIFER		
KARL ODKOLEK	AGE 280-319	WOODY BOWERSOCK		
ANJA RITTER	JUEI CLUB	LOUISE BOWERSOCK		
ROLF GITTER	KEIJIRO NAKAMURA	YOKOHAMA SUIEIK JPN		4:41.60
SWIM KENTUCKY	TERUKO NISHISAKO	HIDEAKI KATO		
USA	SHOSHIN MORI	YOSHIAKI UEDA		
WILLIAM TINGLEY	YURIKO NAGAMATSU	TOSHIKO UEDA		
A WRIGHT-BELKNAP	SUNWAY YOKOHAMA	CHIYOKO TAKIZAWA		
CHARLES MIESNER	JPN	C. R. ICARAI	BRA	5:06.22
PAM MARTIN	SHOKO YONEZAWA	CLUB NAGI	ESP	5:49.61
SG EINHEIT RATH	TETSUO NAKAMARU	SELLARES		
GER	MINORU NAGASHIMA	MARGARIT		
PETER SCHENK	MASAE KUTATA	PAGES		
UWE ARNDT	SOLK HELLAS	CLARET		
ADA LOFF	SWE	AGE 360-399		
CHRISTEL SCHULZ	KERSTIN GJORES	CM	USA	5:26.80
VMST	ERIC FORSLUND	HELENE IBERALL		
USA	PETER BERGENGREN	MAXINE MERLINO		
DEBBIE JAEGER	BRITT GRILLI	WALTER PFEIFER		
LISA BENNETT	OAHU KIOICHO	WOODY BOWERSOCK		
NEIL WATTS	JPN			
JIM MILLER	MAMPEI SEINO			
O*H*	KEIKO YAMADA			
USA	MASAYASU KAMIYA			
ANN GUINS	KIYOE KOYAMA			
MELINDA SMITH	FLUMINENSE F.C.			
JACK GROSELLE	BRA			
YOSHI OYAKAWA	2:56.99			
SG LUBECK	SEASIDE PIRATES			
GER	AUS			
ANDREA WULF	2:59.61			
HOLGER BULL	PAM HUTCHINGS			
SILKE KNUPPEN	PETER JACKSON			
DIETER BACHMANN	ELVERA VICKERY			
TCC-COMPETITION	KEVIN VICKERY			
BRA	FMM			
2:22.36	USA			
	3:01.38			
AGE 240-279	PATRICIA TULLMAN			
HEART OF ENGLAN	ROBERT MACDONALD			
GBR	JEAN TROY			
2:17.94	C WEATHERBEE			
	HAKUYO S			
SDSM	JPN			
USA	3:02.29			
2:22.37	KIMIKO YOSHINAGA			
LYNNE LUND	KENSUKE SATO			
PETER ANDERSEN	FUMIKO NAKAMURA			
C MUTER	TOSHIMI INATOMI			
JACKIE MARR	VIC			
SG NEUKOLLN	CAN			
GER	3:02.74			
2:22.98	ROBERT MCMILLEN			
ADU HEWELCKE	NORMA POWELL			
MONIKA SENFTLEBEN	BONNIE PRONK			
BRIGITTE MERTEN	LEN COVERDALE			
HEINZ DEKARA	C. R. ICARAI			
CONN	BRA			
USA	3:04.18			
2:27.34	AGE 320-359			
JACK GEOGHEGAN	SUNWAY YOKOHAMA			
MANUEL SANGUILY	JPN			
CHRISTIE HAYES	3:22.62			
MEREDITH MOORE	SHOGORO AZUMA			
NCMS	Y. MIYAMOTO			
USA	SHOKO YONEZAWA			
2:29.68	YOKO SUGIYAMA			
JEANNIE MITCHELL	OREG			
SALLY NEWELL	USA			
ROBERT SCHMITZ	3:57.06			
JERRY CLARK	MARGARET WELLS			
OREG	PAULINE STANGEL			
USA	ANDREW HOLDEN			
2:30.26	GILBERT YOUNG			
ROBERT SMITH				
BARBARA FRID				