



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2004

*****			32.65	TANJA OP DEN ORTH	GER	1:08.23	SIMONE DICKMANN	GER	4:48.76	DIANNA SZOKOL	HUN
WOMEN 25-29			32.79	EMILY BRESSER	USA	200 M.	FLY		4:49.20	GRITH SIGSGAARD	DEN
*****			100 M.	BACK		2:28.97	GIORGIA SALA	ITA	4:49.34	NICOLA LATTY	GBR
50	M.	FREE	1:05.61	KANA OHASHI	JPN	2:31.45	HELGA SCHLAPPAL	GER	4:49.35	ANDREA HALBACH	GER
25.42	ANNABEL KOSTEN	NED	1:06.37	LIA OBERSTAR	USA	2:31.55	A.REKOWSKI	GER	800 M.	FREE	
27.19	MIHO OKUHARA	JPN	1:07.35	NAHOMI ERIGUCHI	JPN	2:34.24	ELVIRA JONKERS	NED	9:25.74	CRISTINA SOSSI	ITA
27.53	EKATERINA YUDINA	RUS	1:07.86	JANE SOLOMON	GBR	2:34.41	JUTTA SPAETH	GER	9:34.19	MIEKE SMET	BEL
27.66	JENNIFER BROOKS	USA	1:10.74	TANJA OP DEN ORTH	GER	2:34.93	DIANE DRAKE	USA	9:38.34	DEBORAH MAGARRY	GBR
27.67	ALFONSINA IRACE	ITA	1:10.77	ELEANOR THOMSON	GBR	2:35.06	CORINNA MIEDE	GER	9:41.94	NADINE DAY	USA
27.85	TAMARA VAN GORKOM	NED	1:10.95	JENNY SLINN	CAN	2:36.09	DANIELA RUDOLPH	GER	9:50.72	BARBARA GRILLO	ITA
27.89	ZSEJKE TUSA	USA	1:11.00	ZSEJKE TUSA	USA	2:38.52	LISELOTTE JOLING	NED	9:52.83	GRITH SIGSGAARD	DEN
27.94	ANKE SEEGER	GER	1:11.90	KATHRYN BRODKIN	USA	2:40.89	M.GIORDO	ITA	9:56.45	SHARON TIRAN	RSA
28.14	SAMANTHA SIMON	BRA	1:11.95	CLARE GAMBLE	GBR	200 M.	I.M.		9:57.50	LAURA VOLPI	ITA
28.14	ZUZANA NEMEOVSKA	SVK	200 M.	BACK		2:24.17	HITOMI MATSUDA	JPN	9:59.54	NICOLA LATTY	GBR
100	M.	FREE	2:19.08	KANA OHASHI	JPN	2:27.85	KANA OHASHI	JPN	10:04.22	ANDREA HALBACH	GER
1:00.02	HITOMI MATSUDA	JPN	2:22.41	LIA OBERSTAR	USA	2:28.04	CRISTINA TEUSCHER	GBR	1500 M.	FREE	
1:00.13	MIHO OKUHARA	JPN	2:27.65	JANE SOLOMON	GBR	2:30.59	ANU RAIKKONEN	FIN	18:14.37	ALISON ZAMANIAN	USA
1:00.19	ZUZANA NEMEOVSKA	SVK	2:27.83	TAMAKO KIHARA	JPN	2:32.22	CINDY BERTELINK	CAN	18:28.55	JACQUI ROBINSON	AUS
1:00.34	TAMARA VAN GORKOM	NED	2:31.07	EBONY CURRELL	AUS	2:32.33	EMILY BRESSER	USA	18:31.83	DEBORAH MAGARRY	GBR
1:00.35	CRISTINA TEUSCHER	GBR	2:31.89	NAHOMI ERIGUCHI	JPN	2:34.23	CHRIS WIEGAND	GER	18:32.42	NADINE DAY	USA
1:00.74	LIESL TANER	USA	2:33.60	EMILY BRESSER	USA	2:34.39	M.SANCHEZ	GBR	18:47.42	BARBARA GRILLO	ITA
1:00.95	KRISTA DE REUS	NED	2:35.24	TANJA OP DEN ORTH	GER	2:34.92	ELVIRA JONKERS	NED	18:58.09	GRITH SIGSGAARD	DEN
1:00.96	SAMANTHA SIMON	BRA	2:36.11	JENNY SLINN	CAN	2:35.08	CORNELIA HELLER	GER	19:02.37	NICOLA LATTY	GBR
1:01.02	JENNIFER BROOKS	USA	2:36.11	KATHRYN BRODKIN	USA	400 M.	I.M.		19:11.20	LAURA VOLPI	ITA
1:01.31	DANIELA BAUMGARDT	GER	50 M.	BRST		5:10.54	CRISTINA TEUSCHER	GBR	19:20.05	ANDREA HALBACH	GER
200	M.	FREE	35.53	MARIA TATAOUROVA	RUS	5:22.91	HELGA SCHLAPPAL	GER	19:26.66	EMILY SMITH	USA
2:10.52	CRISTINA TEUSCHER	GBR	35.57	BARBARA ARRIGO	ITA	5:23.21	A.REKOWSKI	GER	50 M.	BACK	
2:12.67	MARIE ATKINSON	GBR	35.66	HITOMI MATSUDA	JPN	5:28.05	M.SANCHEZ	GBR	31.64	GITTE RAAGAARD	DEN
2:12.85	TAMARA VAN GORKOM	NED	35.68	CORNELIA HELLER	GER	5:28.48	DANIELA BAUMGARDT	GER	31.76	M.RIVERA	VEN
2:12.88	ZUZANA NEMEOVSKA	SVK	35.76	KATJA WACHTER	GER	5:29.46	CORINNA MIEDE	GER	31.79	CHIE UDA	JPN
2:14.40	BARBARA ARRIGO	ITA	35.83	FIONA MARSHALL	GBR	5:30.22	DANIELA RUDOLPH	GER	31.95	MONICA SORO	ITA
2:14.42	HITOMI MATSUDA	JPN	35.86	TAMARA VAN GORKOM	NED	5:31.67	LISELOTTE JOLING	NED	32.83	NORIKO YOKOI	JPN
2:15.07	DANIELA BAUMGARDT	GER	35.99	VANESSA ALONSO	ESP	5:32.06	ELEANOR THOMSON	GBR	32.87	YUKI WAKUI	JPN
2:15.49	SARAH COLLINGS	GBR	36.00	MEGUMI SAKAGUCHI	JPN	5:34.67	TIFFANY TAULBEE	USA	33.02	KAZUYO UEMURA	JPN
2:15.69	CORINNA MIEDE	GER	36.04	JIAJIA WANG	USA	*****					
2:15.77	JENNIFER BROOKS	USA	100 M.	BRST		WOMEN 30-34					
400	M.	FREE	1:16.62	ALLISON WAGNER	USA	*****					
4:30.24	CRISTINA TEUSCHER	GBR	1:16.91	BARBARA ARRIGO	ITA	*****					
4:37.59	HITOMI MATSUDA	JPN	1:18.12	CRISTINA TEUSCHER	GBR	50	M.	FREE	1:07.13	M.RIVERA	VEN
4:43.11	DANIELA BAUMGARDT	GER	1:18.27	EMILY BRESSER	USA	26.18	KATRINA RADKE	USA	1:08.40	JOANNA CORBEN	GBR
4:43.34	MARIE ATKINSON	GBR	1:18.31	MARIA TATAOUROVA	RUS	27.35	MELINDA MAROSI	HUN	1:08.46	GITTE RAAGAARD	DEN
4:43.48	HELGA SCHLAPPAL	GER	1:18.77	CORNELIA HELLER	GER	27.49	BETH ELDRIDGE	USA	1:10.47	OXANA BRONITSKAIA	RUS
4:43.50	BARBARA ARRIGO	ITA	1:18.84	JIAJIA WANG	USA	27.67	L.SPINADIN	ITA	1:11.04	RAPHAELA RICHTER	GER
4:44.16	TAMAKO KIHARA	JPN	1:20.02	KATJA WACHTER	GER	27.73	ERIKA BRAUN	USA	1:11.27	NADINE DAY	USA
4:45.07	CINDY BERTELINK	CAN	1:20.21	CAROLE EYLES	GBR	27.73	M.RIVERA	VEN	1:12.02	MONICA SORO	ITA
4:45.67	A.REKOWSKI	GER	1:20.39	FIONA MARSHALL	GBR	27.76	NADINE DAY	USA	1:12.92	NORIKO OSUGI	JPN
4:46.67	TAMARA VAN GORKOM	NED	200 M.	BRST		28.06	MONICA SORO	ITA	1:12.99	MELISSA VARLAS	USA
800	M.	FREE	2:43.89	CRISTINA TEUSCHER	GBR	28.12	SUSAN HILL	GBR	1:13.12	NORIKO YOKOI	JPN
9:33.33	HELGA SCHLAPPAL	GER	2:44.80	BARBARA ARRIGO	ITA	28.13	MADDALENA FORNI	ITA	200 M.	BACK	
9:38.35	HITOMI MATSUDA	JPN	2:48.10	ALLISON WAGNER	USA	100 M.	FREE		2:24.24	JOANNA CORBEN	GBR
9:40.84	MARIE ATKINSON	GBR	2:50.38	MARIA TATAOUROVA	RUS	59.94	MELINDA MAROSI	HUN	2:25.67	GITTE RAAGAARD	DEN
9:42.24	A.REKOWSKI	GER	2:51.08	CAROLE EYLES	GBR	1:00.32	NADINE DAY	USA	2:33.33	OXANA BRONITSKAIA	RUS
9:43.71	DANIELA BAUMGARDT	GER	2:51.64	CORNELIA HELLER	GER	1:00.48	M.RIVERA	VEN	2:33.99	NADINE DAY	USA
9:52.40	BARBARA ARRIGO	ITA	2:51.85	ULRIKE MEHNERT	GER	1:00.62	SUSAN HILL	GBR	2:35.00	LAURA BIANZANI	ITA
9:52.89	JANE SOLOMON	GBR	2:52.58	TRACEY JENNINGS	GBR	1:00.99	MONICA SORO	ITA	2:35.03	MELISSA VARLAS	USA
9:55.22	MARCIE HERZOG	USA	2:53.40	KATJA WACHTER	GER	1:01.41	LARA CLARKE	GBR	2:35.60	ALISON ZAMANIAN	USA
9:57.31	TAMARA VAN GORKOM	NED	2:54.68	EMILY BRESSER	USA	1:01.54	BETH ELDRIDGE	USA	2:37.54	ALISON USHER	GBR
9:59.93	KATIE NIMMO	GBR	50 M.	FLY		1:01.94	JENNIFER KOBI	CAN	2:38.39	RAPHAELA RICHTER	GER
1500	M.	FREE	28.53	JENNIFER BROOKS	USA	1:02.32	ERIKA BRAUN	USA	2:39.66	LAURA PALASCIANO	ITA
17:41.64	LINDA GALLO	USA	29.11	ALFONSINA IRACE	ITA	1:02.68	HANNAH PAULL	GBR	50 M.	BRST	
18:34.72	ANYA KOLBISEN	USA	29.14	E.BELLINGER	GBR	200 M.	FREE		34.70	KAREN JACKSON	GBR
19:09.66	MARCIE HERZOG	USA	29.26	EKATERINA YUDINA	RUS	2:09.14	NADINE DAY	USA	35.40	A.SACCHIERO	ITA
19:10.17	CHRISTY HALL	USA	29.37	ZSEJKE TUSA	USA	2:13.55	SUSAN HILL	GBR	35.44	NADINE DAY	USA
19:14.31	ELVIRA JONKERS	NED	29.43	MARIA TATAOUROVA	RUS	2:13.90	CRISTINA SOSSI	ITA	35.70	K.SEEGER-BOESE	GER
19:21.78	JANE SOLOMON	GBR	29.44	MIHO OKUHARA	JPN	2:14.16	LAURA VOLPI	ITA	36.06	BRITT STOTT	RSA
19:24.08	LISELOTTE JOLING	NED	30.12	STEFANIA MARINO	ITA	2:14.69	MONICA SORO	ITA	36.07	LUCY RYAN	GBR
19:29.84	JENNIFER KAPPLER	USA	30.15	KIRSTEN HARTIG	GER	2:15.12	JACQUI ROBINSON	AUS	36.26	PETRA DUDA	GER
19:49.87	PATRICIA FLYNN	USA	30.19	NAHOMI ERIGUCHI	JPN	2:15.67	DEBORAH MAGARRY	GBR	36.43	LUCY CLARKE	GBR
19:50.16	JULIE PETERSON	USA	100 M.	FLY		2:15.88	ANDREA HALBACH	GER	36.95	KIYOKO HOKURA	JPN
50	M.	BACK	1:05.11	ZSEJKE TUSA	USA	2:16.03	BARBARA GRILLO	ITA	36.97	PIA NEUMERKEL	GER
30.52	NAHOMI ERIGUCHI	JPN	1:05.18	JENNIFER BROOKS	USA	2:17.06	DEBBIE YOUNGER	CAN	100 M.	BRST	
31.38	KANA OHASHI	JPN	1:06.42	E.BELLINGER	GBR	400 M.	FREE		1:15.45	NADINE DAY	USA
31.55	JENNIFER BROOKS	USA	1:06.47	ALFONSINA IRACE	ITA	4:37.13	NADINE DAY	USA	1:15.62	KAREN JACKSON	GBR
32.29	JANE SOLOMON	GBR	1:07.03	GIORGIA SALA	ITA	4:39.56	CRISTINA SOSSI	ITA	1:19.21	BRITT STOTT	RSA
32.46	SARA POMPEI	ITA	1:07.42	ZUZANA NEMEOVSKA	SVK	4:40.19	DEBORAH MAGARRY	GBR	1:19.32	K.SEEGER-BOESE	GER
32.48	ELEANOR THOMSON	GBR	1:07.97	JUTTA SPAETH	GER	4:40.28	MIEKE SMET	BEL	1:19.83	LUCY CLARKE	GBR
32.52	ZSEJKE TUSA	USA	1:08.00	DANIELA BAUMGARDT	GER	4:45.93	BARBARA GRILLO	ITA	1:19.83	A.SACCHIERO	ITA
32.60	GAIA MALACALZA	ITA	1:08.01	SAMANTHA SIMON	BRA	4:48.29	JACQUI ROBINSON	AUS	1:19.99	PETRA DUDA	GER



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1:20.24	LUCY RYAN	GBR	27.97	SANDRA CROUSSE	PER	1:12.23	CORINNA KRIETSCH	GER	2:37.18	SANDIE EASTON	USA
1:21.17	KATERINE MORENO	BOL	28.10	B.OLAFSDOTTIR	GER	1:12.38	HELEN WHITFORD	AUS	2:37.43	JOLANDA OUDKERK	GER
1:21.86	KELLY WILLIS	USA	28.34	JENNIFER RIDGE	USA	1:13.44	L.FILANGERI	ITA	2:37.74	NICOLA DURRHEIM	RSA
200 M. BRST			28.41	ANA-PAULA GRILO	GER	1:13.79	LENKA NEMECKOVA	CZE	2:38.34	BEATE SCHOLTYSEK	GER
2:45.80	KAREN JACKSON	GBR	28.46	KIM MACKLIN	USA	1:13.81	ROBYN BREWINGTON	USA	2:38.42	JACKIE HEER	USA
2:48.25	NADINE DAY	USA	28.51	SYLVIA BUXTON	USA	1:13.99	IARA SCARPELLI	BRA	200 M. I.M.		
2:49.71	BRITT STOTT	RSA	100 M. FREE			200 M. BACK			2:28.83	SILVIA PAROCCHI	ITA
2:51.11	KATJA SEEGER-BOSE	GER	59.48	PEGGY GROSS	USA	2:29.15	SILVIA PAROCCHI	ITA	2:34.00	ANNETT REX	GER
2:51.31	KATERINE MORENO	BOL	1:00.57	SILVIA PAROCCHI	ITA	2:31.96	KRISTIN GARY	USA	2:34.58	JENNIFER RIDGE	USA
2:53.61	LUCY CLARKE	GBR	1:00.74	JENNIFER RIDGE	USA	2:32.87	K.WULFF-HOPPE	GER	2:35.32	DANIELA DE PONTI	ITA
2:54.21	LUCY RYAN	GBR	1:01.19	YUKIKO OZAWA	JPN	2:33.26	SANDIE EASTON	USA	2:36.84	JILL GELLATLY	USA
2:56.88	PETRA DUDA	GER	1:01.36	LAUREEN WELTING	USA	2:34.45	HELEN WHITFORD	AUS	2:37.38	R.CATTANEO	ITA
2:57.53	G.CHERUBINI	ITA	1:01.60	EDITH OTTERMANN	RSA	2:37.53	BIRGIT LOHBERG	USA	2:37.92	BEATE SCHOLTYSEK	GER
2:59.31	KAJA-WINKE PISTEL	GER	1:01.66	ANA PAULA GRILO	POR	2:38.18	ANDREA LUALLEN	USA	2:38.50	SOPHIE MONGINET	BRA
50 M. FLY			1:01.68	B.OLAFSDOTTIR	GER	2:38.64	CORINNA KRIETSCH	GER	2:38.74	ANA PAULA GRILO	POR
29.19	LAURA BIANZANI	ITA	1:02.00	SANDRA CROUSSE	PER	2:40.06	MIKI NAMAI	JPN	2:39.63	AMANDA PICARD	SUI
29.37	NADINE DAY	USA	1:02.10	MARIE ROYAL	GBR	2:40.34	JILL GELLATLY	USA	400 M. I.M.		
29.55	YUKI WAKUI	JPN	200 M. FREE			50 M. BRST			5:30.52	KATHERINE VEALE	GBR
29.65	DEBBIE YOUNGER	CAN	2:11.83	ANA PAULA GRILO	POR	33.64	SYLVIA GERASCH	GER	5:34.11	AMANDA PICARD	GBR
29.95	KATRIN LEHMANN	GER	2:15.09	SILVIA PAROCCHI	ITA	35.13	STEFANIA MONTI	ITA	5:38.77	LAUREEN WELTING	USA
29.96	OXANA BRONITSKAIA	RUS	2:15.12	JENNIFER RIDGE	USA	35.48	ANNETT REX	GER	5:41.32	R.CATTANEO	ITA
30.08	M.RIVERA	VEN	2:15.44	MARIE ROYAL	GBR	35.67	KIM MACKLIN	USA	5:42.06	SOPHIE MONGINET	BRA
30.48	KYOKO YAMADA	JPN	2:16.69	LAUREEN WELTING	USA	36.35	QUINELDA DEARDS	GBR	5:44.54	HELEN WHITFORD	AUS
30.53	KATHRYN OWENS	GBR	2:16.90	HEATHER HAGADORN	USA	36.57	TOMOMI MIYAZONO	JPN	5:44.57	BEATE SCHOLTYSEK	GER
30.58	PAOLA DE ANGELIS	ITA	2:17.22	S.BURNERT THUMM	FRA	36.88	DANIELA DE PONTI	ITA	5:45.40	STEFANIA PETRONI	ITA
100 M. FLY			2:18.01	AMANDA PICARD	GBR	36.97	HOFMANN-SCHIEDLER	GER	5:46.55	HEIKE RUCKER	GER
1:04.08	LAURA BIANZANI	ITA	2:19.43	NORMA CAHILL	IRL	37.24	V.SCHLESINGER	GER	5:51.84	N.CADENA	MEX
1:06.00	DEBBIE YOUNGER	CAN	2:19.64	JILL GELLATLY	USA	37.33	LOUISE KEOGH	USA			
1:06.22	OXANA BRONITSKAIA	RUS	400 M. FREE			100 M. BRST			*****		
1:06.26	NADINE DAY	USA	4:41.59	ANA PAULA GRILO	POR	1:15.11	S VON DER LIPPE	USA		WOMEN 40-44	
1:06.62	LARA CLARKE	GBR	4:43.18	AMANDA PICARD	GBR	1:15.36	SYLVIA GERASCH	GER	*****		
1:08.23	MELISSA VARLAS	USA	4:46.84	LAUREEN WELTING	USA	1:17.34	ANNETT REX	GER	50 M. FREE		
1:08.36	KARINE JANNOY	FRA	4:49.33	ELKE HAGEDORN	GER	1:20.55	QUINELDA DEARDS	GBR	27.91	BEVERLEY MCCARNEY	RSA
1:08.47	YURIKA HIROSE	JPN	4:51.42	HEATHER HAGADORN	USA	1:20.90	KIM MACKLIN	USA	27.92	LISA DAHL	USA
1:08.53	LAURA VON GLUCK	USA	4:53.18	JILL GELLATLY	USA	1:21.15	HOFMANN-SCHIEDLER	GER	27.98	DIANA MC DONOUGH	USA
1:08.79	NICOLA LATTY	GBR	4:53.35	ANNETT EHLERT	GER	1:21.95	TOMOMI MIYAZONO	JPN	28.02	SARAH MACDONALD	CAN
200 M. FLY			4:53.54	JOLANDA OUDKERK	GER	1:22.00	V.SCHLESINGER	GER	28.10	SUSAN WALSH	USA
2:21.46	LAURA BIANZANI	ITA	4:57.14	CASSIE LINDSAY	AUS	1:22.16	DANIELA DE PONTI	ITA	28.25	S.REIBEL-OBERLE	GER
2:25.18	NADINE DAY	USA	4:58.17	S.BURNERT THUMM	FRA	1:22.18	HELEN MCDAID	IRL	28.28	CATHY CODLING	AUS
2:26.15	NICOLA LATTY	GBR	800 M. FREE			200 M. BRST			28.35	K PIPES-NEILSEN	USA
2:28.97	MIEKE SMET	BEL	9:37.88	ANA PAULA GRILO	POR	2:47.19	SYLVIA GERASCH	GER	28.39	STEFFI NIEMITZ	GER
2:30.58	DEBBIE YOUNGER	CAN	9:48.83	ELKE HAGEDORN	GER	2:47.95	ANNETT REX	GER	28.43	KATHY GARNIER	USA
2:32.17	MELISSA VARLAS	USA	9:49.40	AMANDA PICARD	GBR	2:54.07	JENNIFER RIDGE	USA	100 M. FREE		
2:32.57	KARINE JANNOY	FRA	10:06.42	CASSANDRA LINDSAY	AUS	2:55.38	STEFANIA MONTI	ITA	59.59	K PIPES-NEILSEN	USA
2:33.26	JACQUI ROBINSON	AUS	10:09.60	HEATHER HAGADORN	USA	2:55.65	LOUISE KEOGH	USA	1:00.39	BEVERLEY MCCARNEY	RSA
2:34.30	ALISON ZAMANIAN	USA	10:10.03	ANNETT EHLERT	GER	2:56.25	TOMOMI MIYAZONO	JPN	1:01.09	S.REIBEL-OBERLE	GER
2:34.88	GEA TIMMER	NED	10:11.59	DANA WOODY	USA	2:57.03	R.CATTANEO	ITA	1:01.17	SARAH MACDONALD	CAN
200 M. I.M.			10:11.77	JOLANDA OUDKERK	GER	2:58.38	HELEN MCDAID	IRL	1:02.06	DIANA MC DONOUGH	PUR
2:24.12	NADINE DAY	USA	10:13.61	M TERESA GARCIA	ESP	2:58.99	HOFMANN-SCHIEDLER	GER	1:02.24	SUSAN WALSH	USA
2:29.41	MONICA SORO	ITA	10:16.74	PAMELA SMART	AUS	2:59.59	KEIKO OKAMOTO	JPN	1:03.02	C PETERSEN	USA
2:30.12	LAURA BIANZANI	ITA	10:16.74	S.BURNERT THUMM	FRA	50 M. FLY			1:03.15	MARIA ALWINE EDER	ITA
2:31.82	GITTE RAAGAARD	DEN	1500 M. FREE			29.29	SILVIA PAROCCHI	ITA	1:03.46	STEFFI NIEMITZ	GER
2:32.30	DEBBIE YOUNGER	CAN	18:37.46	AMANDA PICARD	GBR	29.42	EDITH OTTERMANN	RSA	1:03.46	BETH MCGEE	USA
2:33.36	OXANA BRONITSKAIA	RUS	18:59.67	ELKE HAGEDORN	GER	29.46	PEGGY GROSS	USA	200 M. FREE		
2:33.57	KAREN JACKSON	GBR	19:32.05	DANA WOODY	USA	29.56	ILARIA TOCCHINI	ITA	2:09.34	K PIPES-NEILSEN	USA
2:33.91	JOANNA CORBEN	GBR	19:32.16	HEATHER HAGADORN	USA	29.57	S VON DER LIPPE	USA	2:13.38	C PETERSEN	USA
2:35.24	ALISON ZAMANIAN	USA	19:55.93	SOL SEGOVIA	ESP	30.35	JOLANDA OUDKERK	GER	2:13.65	SUSANNE SIMPSON	USA
2:35.50	LARA CLARKE	GBR	19:58.58	MARGARET REILLY	USA	30.53	VICTORIA WATSON	GBR	2:14.19	S.REIBEL-OBERLE	GER
400 M. I.M.			20:04.15	CASSIE LINDSAY	AUS	30.55	MIKI TAKAYAMA	JPN	2:15.52	DIANA MC DONOUGH	USA
5:09.93	NADINE DAY	USA	20:08.52	PAMELA SMART	AUS	30.57	SYLVIA BUXTON	USA	2:16.70	N.MUIR-COCHRANE	GBR
5:17.90	MIEKE SMET	BEL	20:28.13	A LUALLEN-EGG	USA	30.57	SANDRA CROUSSE	PER	2:17.66	LYNN MARSHALL	CAN
5:21.65	LAURA BIANZANI	ITA	20:29.78	NANCY NORTH	USA	100 M. FLY			2:18.26	LYNNETT HENNESSEY	USA
5:28.48	LARA CLARKE	GBR	50 M. BACK			1:05.02	PEGGY GROSS	USA	2:18.60	KELLY PARKER	USA
5:28.61	GITTE RAAGAARD	DEN	32.58	SILVIA PAROCCHI	ITA	1:06.39	SILVIA PAROCCHI	ITA	2:18.77	SARAH MACDONALD	CAN
5:28.63	ALISON ZAMANIAN	USA	32.70	HIROKO NOGUCHI	JPN	1:08.07	EVGENIYA OZHOGINA	RUS	400 M. FREE		
5:28.99	NICOLA LATTY	GBR	32.86	ANNETT REX	GER	1:08.08	BIRGIT LOHBERG	USA	4:33.47	K PIPES-NEILSEN	USA
5:30.08	DEBBIE YOUNGER	CAN	33.06	ILARIA TOCCHINI	ITA	1:08.13	JENNIFER RIDGE	USA	4:39.93	SUSANNE SIMPSON	USA
5:32.64	MONICA SORO	ITA	33.07	KRISTIN GARY	USA	1:08.21	JOLANDA OUDKERK	GER	4:40.36	C PETERSEN	USA
5:32.79	NICOLE HENSSEN	GER	33.08	CSILLA CSIKARY	HUN	1:08.31	MIKI TAKAYAMA	JPN	4:43.05	N.MUIR-COCHRANE	GBR
			33.18	ANDREA LUALLEN	USA	1:08.72	KATHERINE VEALE	GBR	4:45.53	DIANA MCDONOUGH	PUR
			33.23	SYLVIA BUXTON	USA	1:08.82	DANIELA DE PONTI	ITA	4:46.41	S.REIBEL-OBERLE	GER
			33.42	CORINNA KRIETSCH	GER	1:09.45	PAOLA RODIGHIERO	ITA	4:47.77	LYNN MARSHALL	CAN
			33.54	LENKA NEMECKOVA	CZE	200 M. FLY			4:50.52	CLAUDIA KERN	GER
*****			100 M. BACK			2:27.70	EVGENIYA OZHOGINA	RUS	4:52.69	ANNA MARIA NUNIA	ITA
*****			1:09.33	SILVIA PAROCCHI	ITA	2:31.64	ANA PAULA GRILO	POR	4:52.88	ANDREA BLOCK	USA
50 M. FREE			1:10.41	KRISTIN GARY	USA	2:31.90	N.CADENA	MEX	800 M. FREE		
26.53	EDITH OTTERMANN	RSA	1:10.45	A LUALLEN-EGG	USA	2:36.03	BIRGIT LOHBERG	USA	9:34.55	N.MUIR-COCHRANE	GBR
26.85	PEGGY GROSS	USA	1:11.80	ANNETT REX	GER	2:36.16	MIYUKI YAMAGUCHI	JPN	9:39.53	C PETERSEN	USA
27.41	YUKIKO OZAWA	JPN									
27.56	DELIA DEMATTI	ITA									



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9:41.90	SUSANNE SIMPSON	USA	2:58.10	SILKE GODDE	GER	1:02.84	S HEIM-BOWEN	USA	2:43.17	C.TARANTINO	ITA
9:48.60	K PIPES-NEILSEN	USA	2:58.67	BRITTA OLSCHOWKA	GER	1:03.42	JENNY WHITELEY	AUS	2:48.10	AROMA MARTORELL	BRA
9:54.25	DIANA MC DONOUGH	USA	3:00.31	MONIKA ROSENMEIER	GER	1:03.49	SHANE GOULD	AUS	2:48.99	K ANDRUS-HUGHES	USA
9:57.28	CLAUDIA KERN	GER	3:01.72	JUDY HATTLE	GBR	1:04.35	LEIANN CRITTENDEN	USA	2:49.06	E.BEUCHER FEZARD	FRA
10:00.06	ANNA MARIA NUNIA	ITA	3:01.79	KATHY RENARD	CAN	1:04.71	ATIE PIJTAK	NED	2:50.34	TERRI CECATIELLO	USA
10:00.26	LYNN MARSHALL	CAN	3:03.20	PATRICIA POWIS	USA	1:05.58	K ANDRUS-HUGHES	USA	2:50.42	JENNY WHITELEY	AUS
10:00.58	KELLY PARKER	USA	3:03.52	NATALIE DESCHAMPS	CAN	1:05.72	LOLI BALBUENA	ESP	2:50.92	CLARE DAVIE	RSA
10:05.11	LYNNETT HENNESSEY	USA	50 M. FLY			1:06.03	LINDSEY GOWLAND	GBR	2:51.54	JUDIT HAJDU	AUT
1500 M. FREE			29.67	BEVERLEY MCCARNEY	RSA	1:06.20	JEAN BANCKS	USA	2:51.59	DEBBIE CAVANAUGH	USA
18:15.98	N.MUIR-COCHRANE	GBR	30.49	SYBILLE ERMISCH	GER	1:06.33	LEIGH WIKI ROYDEN	USA	50 M. BRST		
18:24.25	K PIPES-NEILSEN	USA	30.56	SUSAN WALSH	USA	200 M. FREE			36.29	MARGARET KELLY	GBR
18:39.57	LYNN MARSHALL	CAN	30.57	K PIPES-NEILSEN	USA	2:15.59	S HEIM-BOWEN	USA	36.59	JENNY WHITELEY	AUS
19:00.13	ANNA MARIA NUNIA	ITA	30.60	KARIN SEICK	GER	2:18.90	JENNY WHITELEY	AUS	37.46	VERITY DOBBIE	GBR
19:15.25	REBECCA KALIBAT	USA	30.84	DEBBIE HART	GBR	2:22.51	MARGARET SMITH	GBR	37.48	JAN FOWLER	AUS
19:16.22	KELLY PARKER	USA	30.86	ANDREA BLOCK	USA	2:23.66	MARGUERITE MEYER	USA	38.03	PATRICIA WARREN	GBR
19:16.64	DIANA MCDONOUGH	USA	30.93	LISA DAHL	USA	2:23.93	DENISE BROWN	USA	38.04	L CRITTENDEN	USA
19:30.86	SUSANNE SIMPSON	USA	30.96	CHIHRO SAITO	JPN	2:24.39	JOY LEUTNER	USA	38.72	DAGMAR FRESE	GER
19:33.94	REBECCA PERROTT	NZL	30.99	LAURIE DITOMMASO	USA	2:24.87	SUE KEARNEY	AUS	38.74	URSULA RICHTER	GER
19:47.43	ANDREA BLOCK	USA	100 M. FLY			2:25.01	ATIE PIJTAK	NED	38.90	AVILA RHODES	CAN
50 M. BACK			1:04.84	K PIPES-NEILSEN	USA	2:25.25	CHERYL YOUNG	RSA	38.90	MONICA TRIPI	ITA
31.99	BEVERLEY MCCARNEY	RSA	1:05.80	BEVERLEY MCCARNEY	RSA	2:25.82	K ANDRUS-HUGHES	USA	100 M. BRST		
32.31	SUSAN WALSH	USA	1:07.61	SUSANNE SIMPSON	USA	400 M. FREE			1:22.48	JENNY WHITELEY	AUS
32.68	KARIN SEICK	GER	1:07.86	ANDREA BLOCK	USA	4:39.70	S HEIM-BOWEN	USA	1:22.88	AMANDA HEATH	GBR
33.56	UTE ROMBERG	GER	1:09.11	SYBILLE ERMISCH	GER	4:58.07	DENISE BROWN	USA	1:22.89	JAN FOWLER	AUS
33.61	SALLY BELL	AUS	1:09.30	DEBBIE HART	GBR	5:00.69	C.TARANTINO	ITA	1:23.60	DAGMAR FRESE	GER
33.62	TRISCHA ZORN	USA	1:09.68	CECILIA STANFORD	RSA	5:01.79	SUE KEARNEY	AUS	1:24.15	LEIANN CRITTENDEN	USA
33.64	JOAN SCHRIGER	USA	1:09.69	BEATRIZ DA SILVA	BRA	5:02.83	MARGARET SMITH	GBR	1:24.38	VERITY DOBBIE	GBR
33.69	LISA DAHL	USA	1:09.79	JUDY HATTLE	GBR	5:03.38	MARGUERITE MEYER	USA	1:26.10	URSULA RICHTER	GER
33.85	SYBILLE ERMISCH	GER	1:09.88	CHIHRO SAITO	JPN	5:04.38	JOY LEUTNER	USA	1:26.23	PATRICIA WARREN	GBR
33.89	ELLEN REYNOLDS	USA	200 M. FLY			5:06.49	BRIDGET VACHE	USA	1:26.25	AVILA RHODES	CAN
100 M. BACK			2:27.00	K PIPES-NEILSEN	USA	5:07.69	VERITY DOBBIE	GBR	1:26.27	JAYNE O'BRIEN	GBR
1:08.66	K PIPES-NEILSEN	USA	2:32.57	SUSANNE SIMPSON	USA	5:08.31	JENNY WHITELEY	AUS	200 M. BRST		
1:11.77	JOAN SCHRIGER	USA	2:34.03	BEATRIZ DA SILVA	BRA	800 M. FREE			2:58.57	AMANDA HEATH	GBR
1:12.16	UTE ROMBERG	GER	2:34.46	ANDREA BLOCK	USA	9:34.57	S HEIM-BOWEN	USA	3:00.88	JAN FOWLER	AUS
1:12.19	ELLEN REYNOLDS	USA	2:38.73	ARLENE DELMAGE	USA	10:03.18	DENISE BROWN	USA	3:02.99	JAYNE O'BRIEN	GBR
1:12.34	SUSAN WALSH	USA	2:40.67	JUDY HATTLE	GBR	10:08.69	C.TARANTINO	ITA	3:03.54	JENNY WHITELEY	AUS
1:13.01	SALLY BELL	AUS	2:41.72	CECILIA STANFORD	RSA	10:18.79	MARGUERITE MEYER	USA	3:04.54	ESTHER ISEPPI	SUI
1:13.66	CAROLINE KRATTLI	USA	2:41.83	JUDY BROWN	GBR	10:21.84	SUE KEARNEY	AUS	3:05.11	VERITY DOBBIE	GBR
1:14.18	MARIA ALWINE EDER	ITA	2:42.48	SHIZUKO HIRAISHI	JPN	10:25.24	JOY LEUTNER	USA	3:05.72	COLETTE CRABBE	USA
1:14.19	TRISCHA ZORN	USA	2:43.06	PAT CRAISSATI	USA	10:26.94	MARGARET SMITH	GBR	3:06.28	AVILA RHODES	CAN
1:14.41	MASAMI HIGURASHI	JPN	200 M. I.M.			10:32.43	VERITY DOBBIE	GBR	3:07.39	BRIDGET VACHE	USA
200 M. BACK			2:26.83	K PIPES-NEILSEN	USA	10:35.06	CHERYL YOUNG	RSA	3:07.84	URSULA RICHTER	GER
2:27.03	K PIPES-NEILSEN	USA	2:33.68	S.REIBEL-OBERLE	GER	10:42.46	BRIDGET VACHE	USA	50 M. FLY		
2:36.54	N.MUIR-COCHRANE	GBR	2:33.72	BEV MCCARNEY	RSA	1500 M. FREE			30.48	SHANE GOULD	AUS
2:38.29	SALLY BELL	AUS	2:35.75	CAROLINE KRATTLI	USA	19:04.93	SUZANN HEIM-BOWEN	USA	30.80	TRACI GRANGER	USA
2:39.11	ELLEN REYNOLDS	USA	2:37.37	CECILIA STANFORD	RSA	19:13.05	C.TARANTINO	ITA	31.21	SACHIKO SAITO	JPN
2:39.91	C PETERSEN	USA	2:39.45	SARAH MACDONALD	CAN	19:33.19	JENNY WHITELEY	AUS	31.22	MARGARET LANGDON	AUS
2:40.34	JOAN SCHRIGER	USA	2:40.89	SHIZUKO HIRAISHI	JPN	19:44.37	MARGUERITE MEYER	USA	31.44	JENNY WHITELEY	AUS
2:40.78	MASAMI HIGURASHI	JPN	2:40.94	JUDY BROWN	GBR	20:14.02	JOY LEUTNER	USA	31.72	LOLI BALBUENA	ESP
2:40.94	CAROLINE KRATTLI	USA	2:42.70	REBECCA KALIBAT	USA	20:24.29	JEANNE CARLSEN	CAN	31.99	HARUMI SUGINUMA	JPN
2:41.55	UTE ROMBERG	GER	2:42.92	ELLEN REYNOLDS	USA	20:26.83	SALLY MADDOX	USA	32.24	MARGARET KELLY	GBR
2:42.58	JUDITH CROMJONGH	NED	400 M. I.M.			20:29.42	VERITY DOBBIE	GBR	32.30	MARGARET SMITH	GBR
50 M. BRST			5:09.83	K PIPES-NEILSEN	USA	20:42.26	TRACY GRILLI	USA	32.42	HELEN ANDREW	ITA
34.20	S.SEMINATORE	ITA	5:30.27	N.MUIR-COCHRANE	GBR	20:46.23	JEAN BANCKS	USA	100 M. FLY		
35.59	CAROLINE KRATTLI	USA	5:33.08	CAROLINE KRATTLI	USA	50 M. BACK			1:10.16	SHANE GOULD	AUS
35.77	ELKE SCHMITZ	GER	5:38.52	CECILIA STANFORD	RSA	33.90	K ANDRUS-HUGHES	USA	1:12.08	MARGARET LANGDON	AUS
35.88	MARIE CHARLES	FRA	5:41.39	ANNA MARIA NUNIA	ITA	33.95	SARAH BANKO	USA	1:12.16	HARUMI SUGINUMA	JPN
36.52	SVETLANA SAVINO	FIN	5:42.92	REBECCA KALIBAT	USA	34.36	LESLEY WILDE	GBR	1:12.76	MARGARET SMITH	GBR
36.56	KATHY RENARD	CAN	5:47.33	JANET COOVER	USA	34.56	SHANE GOULD	AUS	1:13.36	TERRI CECATIELLO	USA
37.10	ALBENA POPOVA	ITA	5:47.86	ANNELIES KRAUS	GER	34.69	AROMA MARTORELL	BRA	1:13.48	JANE MCCALL	USA
37.23	SATOKO TOKITA	JPN	5:49.96	TRACY ELLIS	GBR	34.99	E.BEUCHER FEZARD	FRA	1:13.58	SUZANN HEIM-BOWEN	USA
37.41	K PIPES-NEILSEN	USA	5:50.26	ELLEN REYNOLDS	USA	35.25	LINDLEY FLEURY	USA	1:14.05	BRIDGET VACHE	USA
37.69	PATRICIA POWIS	USA	*****			35.45	C.TARANTINO	ITA	1:14.06	FERNANDA PRADO	BRA
100 M. BRST			*****			35.67	DIANE COETZEE	RSA	1:14.57	AMANDA HEATH	GBR
1:14.64	CAROLINE KRATTLI	USA	*****			35.79	YVONNE ERIKSSON	SWE	200 M. FLY		
1:17.27	S.SEMINATORE	ITA	*****			100 M. BACK			2:40.34	S HEIM-BOWEN	USA
1:18.62	MARIE CHARLES	FRA	50 M. FREE			1:12.69	LESLEY WILDE	GBR	2:45.80	MARGARET SMITH	GBR
1:20.20	SVETLANA SAVINO	FIN	28.73	JENNY WHITELEY	AUS	1:15.48	SARAH BANKO	USA	2:46.66	A.NIESPODZIANA	POL
1:21.05	KATHY RENARD	CAN	29.04	LEIANN CRITTENDEN	USA	1:15.61	E.BEUCHER FEZARD	FRA	2:50.36	JOY LEUTNER	USA
1:21.30	ELKE SCHMITZ	GER	29.09	LAURA GORGERINO	ITA	1:16.13	C.TARANTINO	ITA	2:50.54	ESTHER ISEPPI	SUI
1:23.00	STEPH PETERSEN	USA	29.45	JUDY WOODWARD	CAN	1:16.94	K ANDRUS-HUGHES	USA	2:50.76	JOANNE WAINWRIGHT	USA
1:23.27	JANET COOVER	USA	29.50	SHANE GOULD	AUS	1:17.12	LINDLEY FLEURY	USA	2:54.27	HARUMI SUGINUMA	JPN
1:23.29	PATRICIA POWIS	USA	29.52	K ANDRUS-HUGHES	USA	1:17.71	TERRI CECATIELLO	USA	2:54.38	FERNANDA PRADO	BRA
1:23.68	SILKE GODDE	GER	29.56	TRACI GRANGER	USA	1:17.71	AROMA MARTORELL	BRA	2:56.98	MARGUERITE MEYER	USA
200 M. BRST			29.59	ATIE PIJTAK	NED	1:18.33	DIANE COETZEE	RSA	2:59.54	M PUJALET-DEVITT	USA
2:42.89	CAROLINE KRATTLI	USA	29.77	LOLI BALBUENA	ESP	1:18.35	M PUJALET-DEVITT	USA	200 M. I.M.		
2:53.47	MARIE CHARLES	FRA	29.81	LINDSEY GOWLAND	GBR	200 M. BACK			2:40.09	LESLEY WILDE	GBR
2:56.67	SVETLANA SAVINO	FIN	100 M. FREE			2:36.03	LESLEY WILDE	GBR	2:41.22	COLETTE CRABBE	USA



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2:44.57	SHANE GOULD	AUS	1500 M. FREE	30.24	ANGELA ZINGLER	GER	1:12.89	DEBORAH BARTON	GBR
2:45.33	ESTHER ISEPPI	SUI	21:26.22 TERRY SUE M GAULT	32.78	JOEL FELDMANN	USA	1:14.22	CAROL FELLOWS	GBR
2:46.30	AMANDA HEATH	GBR	21:28.48 JAYNE BALL	33.11	JACKI HIRSTY	USA	200 M. FREE		
2:48.68	VALENTINA SALVIA	ITA	21:38.18 MIDORI NAKAYAMA	33.26	CONNY BOER-BUYS	NED	2:28.56	BARBARA DUNBAR	USA
2:48.87	CHERYL YOUNG	RSA	22:04.86 ANNE LABORWIT	33.73	DEBBIE GLASSMAN	USA	2:31.34	ROSARIO VIVANCO	PER
2:49.07	JANE MCCALL	USA	22:36.09 SANDY MCEACHERN	33.88	ROSEMARIE CALMUS	GER	2:32.90	SANDERINA KRUGER	RSA
2:49.59	DENISE BROWN	USA	22:36.12 MARIAN BELSTEN	34.73	KATHERINE HEENAN	AUS	2:33.18	F WILLIAMSON	USA
2:49.67	JAN FOWLER	AUS	22:40.68 CYNTHIA JONES	35.10	PAT SARGEANT	USA	2:37.54	MARGARETA RAINER	SWE
400 M. I.M.			22:42.08 PILAR AVRITH	35.19	SUMIKO HASHIMOTO	JPN	2:38.68	BRIGITTE MERTEN	GER
5:44.91	COLETTE CRABBE	USA	22:48.53 M CARMEN CORRES	35.39	CONSUELO GRAETER	PER	2:39.24	B BARNETT-SALLEE	USA
5:45.61	LESLEY WILDE	GBR	22:51.06 KRISTINA GEUTER	100 M. FLY			2:42.40	CAROL FELLOWS	GBR
5:50.86	DENISE BROWN	USA	50 M. BACK	1:12.22	ANGELA ZINGLER	GER	2:42.43	MEREDITH MOORE	USA
5:51.61	ESTHER ISEPPI	SUI	34.36 ANGELA ZINGLER	1:12.24	ROBIN PARISI	USA	2:42.67	MARCIA BARRY	USA
5:54.23	SUZANNE HEIM-BOWEN	USA	35.72 JOEL FELDMANN	1:17.08	SUSAN SKIFF	ITA	400 M. FREE		
5:54.71	M PUJALET-DEVITT	USA	36.34 BARBARA STUBBE	1:17.33	DEBBIE GLASSMAN	USA	5:08.91	BARBARA DUNBAR	USA
5:59.95	AMANDA HEATH	GBR	36.71 BENEDICTE DUPREZ	1:18.72	M.NEUMEISTER	GER	5:22.65	ROSARIO VIVANCO	PER
6:01.20	JOY LEUTNER	USA	37.11 LINDA HUNT	1:20.14	BEVERLY AMICK	USA	5:33.22	MEREDITH MOORE	USA
6:01.46	C.TARANTINO	ITA	37.27 ANN GUINS	1:20.80	CLAUDIA KOCH	GER	5:36.40	MARGARETA RAINER	SWE
6:03.25	CHERYL YOUNG	RSA	37.39 JANETTE JEFFREY	1:21.86	ROSEMARIE CALMUS	GER	5:37.24	F WILLIAMSON	USA
*****			37.57 PILAR AVRITH	1:22.98	MIRA GUGLIELMI	ITA	5:42.83	MARCIA BARRY	USA
*****			37.60 MORAG BROMFIELD	1:24.20	MIDORI NAKAYAMA	JPN	5:45.38	CAROL FELLOWS	GBR
*****			37.65 KARLEN TREBESINER	200 M. FLY			5:51.98	BRIGITTE MERTEN	GER
*****			100 M. BACK	2:52.51	M.NEUMEISTER	GER	5:54.52	ANGELIKA RADAU	GER
*****			100 M. FREE	2:54.27	LAURA VACA	MEX	5:55.79	JULIE CRAYFORD	GBR
50 M. FREE			1:19.63 BARBARA STUBBE	2:57.02	DEBBIE GLASSMAN	USA	800 M. FREE		
28.55	ANGELA ZINGLER	GER	1:20.75 JOEL FELDMANN	2:57.02	DEBBIE GLASSMAN	USA	10:41.10	BARBARA DUNBAR	USA
29.11	JACKI HIRSTY	USA	1:21.98 PILAR AVRITH	2:57.21	SUSAN SKIFF	ITA	11:19.59	MEREDITH MOORE	USA
29.49	ROBIN PARISI	USA	1:22.19 B.STATKEVICIENE	3:03.38	CLAUDIA KOCH	GER	11:19.59	MEREDITH MOORE	USA
30.12	JOEL FELDMANN	USA	1:22.59 KARLEN TREBESINER	3:03.83	FRANCES PENWARDEN	GBR	11:19.96	ROSARIO VIVANCO	PER
30.13	KARLEN TREBESINER	USA	1:22.80 LINDA HUNT	3:11.76	M.HILLENBRAND	GER	11:29.91	MARGARETA RAINER	SWE
30.17	M.RICHTHOFEN	CAN	1:23.50 JANETTE JEFFREY	3:12.08	MIDORI NAKAYAMA	JPN	11:39.19	MARCIA BARRY	USA
30.38	SUE HODGE	GBR	1:23.64 ANN GUINS	3:12.08	BEVERLY AMICK	USA	11:52.38	UTA HOFFMANN	GER
30.44	CONNY BOER-BUYS	NED	1:24.04 ANNE LABORWIT	3:14.16	ROSEMARIE CALMUS	GER	12:00.76	JULIE CRAYFORD	GBR
30.61	DEBBIE GLASSMAN	USA	1:24.61 DIANE WHITE	200 M. I.M.			12:03.95	MIREILLE RICHTER	SUI
30.96	REGULA STEIGER	SUI	200 M. BACK	2:44.30	ROBIN PARISI	USA	12:06.98	LINDA SHOENBERGER	USA
100 M. FREE			2:56.01 B.STATKEVICIENE	2:48.07	LAURA VACA	MEX	12:07.61	ANGELIKA RADAU	GER
1:04.07	JACKI HIRSTY	USA	2:56.11 BARBARA STUBBE	2:53.51	B.STATKEVICIENE	LTU	1500 M. FREE		
1:05.02	ANGELA ZINGLER	GER	2:58.30 PILAR AVRITH	2:56.24	FRANCES PENWARDEN	GBR	19:52.61	BARBARA DUNBAR	USA
1:05.18	ROBIN PARISI	USA	2:58.66 SKIPPY MATTSON	2:57.85	MIRA GUGLIELMI	ITA	21:50.22	MEREDITH MOORE	USA
1:07.02	KARLEN TREBESINER	USA	2:58.74 BENEDICTE DUPREZ	2:59.22	PAT SARGEANT	USA	21:52.27	MARGARETA RAINER	SWE
1:08.21	CONNY BOER-BUYS	NED	2:59.68 KARLEN TREBESINER	3:00.27	CLAUDIA KOCH	GER	23:34.15	JULIE CRAYFORD	GBR
1:08.23	DEBBIE GLASSMAN	USA	2:59.82 CLAUDIA KOCH	3:00.65	CATHY MERRITT	CAN	23:35.41	SUSANA BARKLEY	ESP
1:08.27	JOEL FELDMANN	USA	3:01.41 VICKI SERIANNI	3:00.67	MIDORI NAKAYAMA	JPN	23:36.49	ANGELIKA RADAU	GER
1:09.26	CATHY MERRITT	CAN	3:01.79 LINDA HUNT	3:00.94	M.HILLENBRAND	GER	23:40.76	MIREILLE RICHTER	SUI
1:09.74	SUE HODGE	GBR	3:02.36 MIRA GUGLIELMI	400 M. I.M.			23:50.02	BETTY VEATER	USA
1:10.19	ANNE LABORWIT	USA	50 M. BRST	5:53.85	LAURA VACA	MEX	24:11.80	KATHRINE CASEY	USA
200 M. FREE			37.93 PETRA SCHROER	6:13.66	ULRIKE URBANIAK	GER	24:20.10	MYRIAM PERO	USA
2:26.66	JACKI HIRSTY	USA	38.90 ULRIKE URBANIAK	6:15.96	JAYNE BALL	GER	50 M. BACK		
2:27.92	SUSAN SKIFF	ITA	39.86 ANGELA ZINGLER	6:18.41	SUSAN SKIFF	ITA	36.36	MICHIO KIHARA	JPN
2:32.37	JAYNE BALL	GBR	39.88 VIRGINIA EIWEN	6:22.21	B.STATKEVICIENE	LTU	36.44	PENNY STEELE	AUS
2:33.40	ANNE LABORWIT	USA	39.88 SANDY REEVES	6:23.00	MIRA GUGLIELMI	ITA	36.98	BROOKE LYNCH	USA
2:33.92	MIDORI NAKAYAMA	JPN	39.90 REGULA STEIGER	6:23.69	M.HILLENBRAND	GER	37.04	MARGIT OHLSSON	SWE
2:35.39	FRANCES HARE	USA	39.97 P.CREANCE EURIAT	6:24.27	SKIPPY MATTSON	USA	37.07	YOKO NAKAMURA	JPN
2:35.70	CATHY MERRITT	CAN	40.06 JENNIFER MERRITT	6:27.46	MIDORI NAKAYAMA	JPN	37.20	DEBORAH BARTON	GBR
2:36.02	PAT SARGEANT	USA	40.18 DEB WALKER	6:32.89	ROSEMARIE CALMUS	GER	37.27	B BARNETT-SALLEE	USA
2:37.60	CLAUDIA KOCH	GER	40.37 CONNY NEUBERT	*****			37.73	TAKAKO NAKAHARA	JPN
2:37.97	JUDITH BREWIS	RSA	100 M. BRST	*****			38.50	CAROL FELLOWS	GBR
400 M. FREE			1:24.85 PETRA SCHROER	*****			38.74	LYNETTE STEVENSON	AUS
5:08.39	LAURA VACA	MEX	1:25.35 ULRIKE URBANIAK	*****			100 M. BACK		
5:12.28	JACKI HIRSTY	USA	1:26.46 JENNIFER MERRITT	50 M. FREE			1:22.12	MARGIT OHLSSON	SWE
5:13.31	SUSAN SKIFF	ITA	1:26.72 FRANCES PENWARDEN	30.74	YOSHIKO KADOSAKA	JPN	1:24.66	PENNY STEELE	AUS
5:15.80	CAROLYN BATTIN	USA	1:28.62 DEB WALKER	30.85	ROSARIO VIVANCO	PER	1:25.81	BROOKE LYNCH	USA
5:23.14	JAYNE BALL	GBR	1:29.39 SANDY REEVES	30.86	SANDERINA KRUGER	RSA	1:25.87	BARBARA DUNBAR	USA
5:24.87	MIDORI NAKAYAMA	JPN	1:30.03 MERRY FINCH	31.48	MICHIO KIHARA	JPN	1:26.04	TAKAKO NAKAHARA	JPN
5:28.11	FRANCES HARE	USA	1:30.32 SUSANNE OSTGATHE	31.81	CAROLYN BOAK	USA	1:26.39	MEREDITH MOORE	USA
5:32.12	TERRY SUE M GAULT	USA	1:30.68 BARBARA HUMMEL	31.89	LYNETTE STEVENSON	AUS	1:26.48	JULIE GUNTHER	AUS
5:33.12	CAROLYN ROCHE	USA	1:31.48 REGULA STEIGER	32.00	F WILLIAMSON	USA	1:26.56	SANDERINA KRUGER	RSA
5:35.54	SANDY MCEACHERN	CAN	200 M. BRST	32.46	YOKO NAKAMURA	JPN	1:27.07	JEANNIE MITCHELL	USA
800 M. FREE			3:03.23 ULRIKE URBANIAK	32.51	DEBORAH BARTON	GBR	1:29.92	N.MIKHAILOVA	RUS
10:22.42	LAURA VACA	MEX	3:06.28 FRANCES PENWARDEN	32.58	AKIKO IWAMIZU	JPN	200 M. BACK		
10:49.08	CAROLYN BATTIN	USA	3:06.94 JENNIFER MERRITT	100 M. FREE			3:02.88	TAKAKO NAKAHARA	JPN
11:04.44	MIDORI NAKAYAMA	JPN	3:12.86 DEB WALKER	1:08.08	SANDERINA KRUGER	RSA	3:03.81	MARGIT OHLSSON	SWE
11:17.92	JAYNE BALL	GBR	3:14.07 SUSANNE OSTGATHE	1:09.45	BARBARA DUNBAR	USA	3:05.95	JULIE GUNTHER	AUS
11:18.25	FRANCES HARE	USA	3:14.37 PETRA SCHROER	1:09.58	ROSARIO VIVANCO	PER	3:07.96	MEREDITH MOORE	USA
11:21.12	CAROLYN ROCHE	USA	3:14.49 AUDREY COOPER	1:09.85	F WILLIAMSON	USA	3:11.63	SANDERINA KRUGER	RSA
11:26.02	JUDITH BREWIS	RSA	3:16.67 VIRGINIA EIWEN	1:10.26	BRIGITTE MERTEN	GER	3:11.65	BROOKE LYNCH	USA
11:33.48	MARISSA ROLLNICK	RSA	3:18.20 MERRY FINCH	1:11.32	AKIKO IWAMIZU	JPN	3:12.31	SUSIE BRESLIN	GBR
11:34.55	SUSAN HAIGH	GBR	3:18.67 BARBARA HUMMEL	1:11.44	MARGARETA RAINER	SWE	3:12.63	MARY POHLMANN	USA
11:40.67	KAREN MCPHERSON	AUS	50 M. FLY	1:12.02	CAROLYN BOAK	USA	3:13.54	TRACY CLARKSON	AUS



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3:14.96	PENNY STEELE	AUS	400 M. I.M.	25:54.57	ALISON LEACH	NZL	39.36	DANIELA BARNEA	USA		
50 M. BRST			6:14.40	BRIGITTE MERTEN	GER	25:59.31	ELIZABETH SAVIDGE	GBR	39.38	MONIKA SENFTLEBEN	GER
38.69	JAN WICKS	AUS	6:16.14	BARBARA DUNBAR	USA	26:08.43	BONNIE KOTZBACH	USA	100 M. FLY		
40.57	GINGER PIERSON	USA	6:32.56	JULIE CRAYFORD	GBR	50 M. BACK			1:17.34	JUDY WILSON	GBR
40.89	UTA HOFFMANN	GER	6:46.00	ELISABETH REINEKE	GER	36.61	SATOKO TAKEUJI	JPN	1:21.31	HARRIET BERGER	GER
41.11	JULIE CRAYFORD	GBR	6:54.62	RITSUKO KUROSAWA	JPN	37.06	MARIA BALLA	HUN	1:29.24	DANIELA BARNEA	USA
41.46	YVONNE CATTRALL	CAN	6:59.32	CHRISTIE HAYES	USA	38.91	HIROMI SATO	JPN	1:30.14	SILVANA ABREU	BRA
41.82	CAROLYN BOAK	USA	7:01.61	TRACY CLARKSON	AUS	39.40	SILVANA ABREU	BRA	1:32.65	JOY WARD	USA
41.99	ELISABETH REINEKE	GER	7:02.42	MARTHA ALEXANDER	USA	41.23	RENATE ZSCHOCKELT	GER	1:35.11	MICHIE DOI	JPN
42.56	JUDY ALDEN	GBR	7:03.21	CATHY MANCINO	USA	41.34	E.KETELSEN	DEN	1:36.03	MONIKA SENFTLEBEN	GER
42.83	MEEGAN WILSON	USA	7:05.56	INGEBORG SEIDEL	GER	41.77	JANET BROWN	GBR	1:37.63	JACKIE MARR	USA
42.87	YOSHIKO MATSUZAKI	JPN				42.08	BETTY BENNETT	USA	1:38.54	LYNNE LUND	USA
100 M. BRST			*****			42.27	CHRISTEL SCHULZ	GER	1:41.20	YOKO UOZU	JPN
1:30.24	UTA HOFFMANN	GER		WOMEN 60-64		42.45	JOY WARD	USA	200 M. FLY		
1:31.42	GINGER PIERSON	USA	*****			100 M. BACK			3:12.48	JUDY WILSON	GBR
1:32.61	YVONNE CATTRALL	CAN	50 M. FREE			1:22.31	SATOKO TAKEUJI	JPN	3:29.37	DANIELA BARNEA	USA
1:32.95	JULIE CRAYFORD	GBR	31.55	CHRISTEL SCHULZ	GER	1:26.76	HIROMI SATO	JPN	3:40.03	MONIKA SENFTLEBEN	GER
1:33.23	ELISABETH REINEKE	GER	31.66	JUDY WILSON	GBR	1:28.96	CHRISTEL SCHULZ	GER	3:44.12	PATRICIA DAVIS	CAN
1:34.61	KAYAKO HIROSE	JPN	32.62	GEORGINA LOPEZ	CAN	1:30.24	JEN THOMASSON	AUS	3:44.85	REIKO NAGASAKU	JPN
1:34.91	MEEGAN WILSON	USA	32.80	D.PAOLETTI	ITA	1:30.88	E.KETELSEN	DEN	3:45.27	JOY WARD	USA
1:35.24	MARGARET BAKISH	CAN	33.35	MICHIE DOI	JPN	1:32.15	BONNIE PRONK	CAN	3:48.80	GEORGIE HAMILTON	GBR
1:35.61	ALLA KOSTADINOVA	RUS	33.41	JEN THOMASSON	AUS	1:32.25	JANET BROWN	GBR	3:50.51	LYNNE LUND	USA
1:35.79	COLLEEN NELSON	CAN	33.97	JEAN HOWARD-JONES	GBR	1:32.62	JACKIE MARR	USA	3:52.41	SEIKO HASEBE	JPN
200 M. BRST			34.02	NANCY RIDOUT	USA	1:32.99	JOY WARD	USA	4:00.99	IVANA FELGROVA	CZE
3:18.69	UTA HOFFMANN	GER	34.13	JACKIE MARR	USA	1:33.17	BETTY BENNETT	USA	200 M. I.M.		
3:21.02	ALLA KOSTADINOVA	RUS	34.32	SATOKO KAWATA	JPN	200 M. BACK			3:02.24	HARRIET BERGER	GER
3:21.76	JULIE CRAYFORD	GBR	100 M. FREE			3:03.55	MARIA BALLA	HUN	3:08.68	BONNIE PRONK	CAN
3:22.77	ELISABETH REINEKE	GER	1:10.29	CHRISTEL SCHULZ	GER	3:08.35	BONNIE PRONK	CAN	3:08.93	HANNELORE ROSE	GER
3:24.23	GINGER PIERSON	USA	1:11.24	JUDY WILSON	GBR	3:10.75	CHRISTEL SCHULZ	GER	3:11.23	JEN THOMASSON	AUS
3:24.79	YOSHIE OGASAWARA	JPN	1:14.46	JEN THOMASSON	AUS	3:14.38	JACKIE MARR	USA	3:16.01	SILVANA ABREU	BRA
3:25.08	MEEGAN WILSON	USA	1:16.05	JACKIE MARR	USA	3:15.57	JEN THOMASSON	AUS	3:17.82	JACKIE MARR	USA
3:28.82	RITSUKO KUROSAWA	JPN	1:16.31	GISELA CSEKO	AUT	3:18.80	JOY WARD	USA	3:24.76	KAZUKO ITO	JPN
3:28.95	P.HARRINGTON	GBR	1:17.79	JEAN HOWARD-JONES	GBR	3:19.15	E.KETELSEN	DEN	3:25.82	SEIKO HASEBE	JPN
3:29.21	HELEN JENKINS	GBR	1:18.01	GEORGINA LOPEZ	CAN	3:19.73	GERDA WILLIAMS	AUS	3:26.36	JOY WARD	USA
50 M. FLY			1:18.79	CARROL WANNELL	AUS	3:23.28	NORIKI YOSHIDA	JPN	3:28.49	GERDA WILLIAMS	AUS
33.88	YOSHIKO KADOSAKA	JPN	1:18.87	D.PAOLETTI	ITA	3:26.14	JANET BROWN	GBR	400 M. I.M.		
35.14	DEBORAH BARTON	GBR	1:19.23	EDNA DE SARACHO	MEX	50 M. BRST			6:34.22	JEN THOMASSON	AUS
35.21	BRIGITTE MERTEN	GER	200 M. FREE			39.92	MONIKA SENFTLEBEN	GER	6:47.25	JACKIE MARR	USA
35.49	YASUKO SOGA	JPN	2:40.42	CHRISTEL SCHULZ	GER	40.93	HARRIET BERGER	GER	6:57.81	SILVANA ABREU	BRA
35.51	JAN WICKS	AUS	2:41.92	JUDY WILSON	GBR	41.35	ELAINE BROMWICH	GBR	7:17.13	JUDY WILSON	GBR
35.56	SUSANA BARKLEY	ESP	2:42.26	JACKIE MARR	USA	41.57	BONNIE PRONK	CAN	7:17.62	M.DI-CESARE	NZL
35.56	BARBARA DUNBAR	USA	2:50.91	PENNY WEBSTER	GBR	42.31	VERA SASSE	BRA	7:23.58	DANIELA BARNEA	USA
35.91	CAROLYN BOAK	USA	2:51.24	EDNA DE SARACHO	MEX	42.98	DIANE FORD	GBR	7:24.30	SEIKO HASEBE	JPN
36.48	HARRIET BURE	SWE	2:51.42	CARROL WANNELL	AUS	43.49	DANIELA BARNEA	USA	7:26.93	LYNNE LUND	USA
36.75	UTA HOFFMANN	GER	2:53.55	HANNELORE ROSE	GER	43.86	SEIKO HASEBE	JPN	7:33.59	GEORGIE HAMILTON	GBR
100 M. FLY			2:53.57	M.DI-CESARE	NZL	44.22	MARIA ABIHSSIRA	FRA	7:34.92	MONIKA SENFTLEBEN	GER
1:18.97	BARBARA DUNBAR	USA	2:56.86	LEA HILL	AUS	44.73	MONIKA WARNUSZ	GER	*****		
1:19.28	BRIGITTE MERTEN	GER	2:57.21	RITSUKO SUGIMURA	JPN	100 M. BRST			*****		
1:22.30	SUSANA BARKLEY	ESP	400 M. FREE			1:29.86	HARRIET BERGER	GER	*****		
1:27.58	A SUSAN TYLER	USA	5:39.72	JACKIE MARR	USA	1:30.53	HANNELORE ROSE	GER	*****		
1:28.55	UTA HOFFMANN	GER	5:48.58	JEN THOMASSON	AUS	1:31.40	BONNIE PRONK	CAN	50 M. FREE		
1:30.20	KEIKO HONDA	JPN	5:51.33	HANNELORE ROSE	GER	1:32.49	ELAINE BROMWICH	GBR	33.47	YOSHIKO OSAKI	JPN
1:31.18	CHRISTIE ALTMAN	USA	5:57.07	PENNY WEBSTER	GBR	1:34.36	MONIKA SENFTLEBEN	GER	34.45	OLGA KREJCI	SUI
1:31.65	CATHY MANCINO	USA	5:58.02	CARROL WANNELL	AUS	1:35.24	DIANE FORD	GBR	35.36	TERUKO NISHISAKO	JPN
1:31.78	HARRIET BURE	SWE	6:03.50	EDNA DE SARACHO	MEX	1:35.72	JEN THOMASSON	AUS	36.33	SALLY BOLAR	USA
1:31.82	RITSUKO KUROSAWA	JPN	6:07.44	E.KETELSEN	DEN	1:36.71	DANIELA BARNEA	USA	36.44	JEANNE LITTLE	USA
200 M. FLY			6:12.49	RITSUKO SUGIMURA	JPN	1:38.11	VERA SASSE	BRA	36.45	JOHNNIE DETRICK	USA
2:53.74	BARBARA DUNBAR	USA	6:14.44	M.DI-CESARE	NZL	1:38.68	MONIKA WARNUSZ	GER	36.80	KEIKO YAMADA	JPN
3:07.25	SUSANA BARKLEY	ESP	6:20.82	MICHIO SHINOHARA	JPN	200 M. BRST			36.84	BARBARA ZAREMSKI	USA
3:14.29	JULIE CRAYFORD	GBR	800 M. FREE			3:18.05	HARRIET BERGER	GER	36.86	FUSAKO HIROOKA	JPN
3:24.39	GINGER PIERSON	USA	11:41.68	JACKIE MARR	USA	3:20.17	BONNIE PRONK	CAN	36.88	KAZU KOYAMA	JPN
3:24.99	RITSUKO KUROSAWA	JPN	12:12.38	CARROL WANNELL	AUS	3:21.34	HANNELORE ROSE	GER	100 M. FREE		
3:29.69	ELISABETH REINEKE	GER	12:15.57	PENNY WEBSTER	GBR	3:23.14	ELAINE BROMWICH	GBR	1:13.05	YOSHIKO OSAKI	JPN
3:30.79	GISELA FURST	GER	12:36.17	EDNA DE SARACHO	MEX	3:24.91	DIANE FORD	GBR	1:23.17	KAZU KOYAMA	JPN
3:33.06	PATRICIA JACKSON	GBR	12:46.65	E.KETELSEN	DEN	3:28.43	JEN THOMASSON	AUS	1:24.09	HELGA REICH	GER
3:34.48	INGEBORG SEIDEL	GER	12:50.88	M.DI-CESARE	NZL	3:30.69	MONIKA SENFTLEBEN	GER	1:24.71	JEANNE LITTLE	USA
3:35.71	JUNKO IDE	JPN	12:57.81	RITSUKO SUGIMURA	JPN	3:31.45	DANIELA BARNEA	USA	1:24.85	V.JOHANSSON	SWE
200 M. I.M.			13:01.78	J MURPHY-SHERMAN	USA	3:34.38	MONIKA WARNUSZ	GER	1:25.19	SALLY BOLAR	USA
2:54.96	BRIGITTE MERTEN	GER	13:12.63	PAULINE WINGATE	AUS	3:38.26	SEIKO HASEBE	JPN	1:25.22	OLGA KREJCI	SUI
2:59.11	BARBARA DUNBAR	USA	13:17.25	JANE KATZ	USA	50 M. FLY			1:25.34	TERUKO NISHISAKO	JPN
3:05.20	JULIE CRAYFORD	GBR	1500 M. FREE			33.47	JUDY WILSON	GBR	1:25.65	BARBARA ZAREMSKI	USA
3:08.96	CAROLYN BOAK	USA	22:29.85	JACKIE MARR	USA	35.06	CHRISTEL SCHULZ	GER	1:25.76	KIYOKO IKEUCHI	JPN
3:09.04	UTA HOFFMANN	GER	22:41.81	HANNELORE ROSE	GER	35.18	MICHIE DOI	JPN	200 M. FREE		
3:10.47	MARTHA ALEXANDER	USA	24:10.41	E.KETELSEN	DEN	35.92	HARRIET BERGER	GER	2:42.91	YOSHIKO OSAKI	JPN
3:10.92	MARGIT OHLSSON	SWE	24:10.91	RITSUKO SUGIMURA	JPN	37.16	SILVANA ABREU	BRA	3:01.75	SALLY BOLAR	USA
3:11.62	ANNE GRAMS	USA	24:13.11	PENNY WEBSTER	GBR	38.31	JOY WARD	USA	3:02.19	HELGA REICH	GER
3:12.02	TAKAKO NAKAHARA	JPN	25:26.41	ANN URQUHART	CAN	38.66	GISELA CSEKO	AUT	3:02.50	REIKO ISHIZAKI	JPN
3:13.24	RITSUKO KUROSAWA	JPN	25:33.45	LYNNE LUND	USA	38.86	BARBARA FRID	USA	3:04.88	MARIA PENNA	BRA



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3:06.08	MARGA SCHULZE	GER	46.22	MARCELA STASTNA	CZE	8:24.75	ANNEMARIE LUDICKE	GER	48.95	A.LEENE-RODAHL	NZL
3:08.36	TAYO FUJIEDA	JPN	46.38	KAZUKO KAJIWARA	JPN	8:26.28	LUCILLE GRIFFIN	USA	49.05	ANN KAY	USA
3:12.07	L.VAN DER MEER	NED	46.47	HELGA KARLISCH	GER	8:26.31	MARIA PENNA	BRA	49.08	JUDIE OLIVER	CAN
3:12.08	BETSY JORDAN	USA	46.95	OLGA KREJCI	SUI				49.51	JANE ASHER	GBR
3:13.46	YURIKE NAGAMATSU	JPN	100 M. BRST			*****			49.98	I.KEUSCH-RENNER	GER
400 M. FREE			1:36.41	LUISE KNOPFLE	GER		WOMEN 70-74		50.07	LAVELLE STOINOFF	USA
6:16.57	HELGA REICH	GER	1:36.94	JOANN LEILICH	USA	*****			50.12	GRACE ISAAC	GBR
6:18.40	REIKO ISHIZAKI	JPN	1:39.92	MASAYO AZUMA	JPN	50 M. FREE			100 M. BACK		
6:28.64	MARGA SCHULZE	GER	1:40.12	CHRISTINE PARFECT	GBR	34.64	JANE ASHER	GBR	1:40.90	GRETHE BENDTSEN	DEN
6:37.85	L.VAN DER MEER	NED	1:40.43	SHOKO YONEZAWA	JPN	38.22	BARBARA FENTIMAN	AUS	1:44.93	LAVELLE STOINOFF	USA
6:38.25	SALLY BOLAR	USA	1:41.70	GABRIELLA TUCCI	ITA	38.74	A.LEENE-RODAHL	NZL	1:45.50	ELIZABETH KIRBY	USA
6:39.21	TAYO FUJIEDA	JPN	1:43.28	TAYO FUJIEDA	JPN	38.89	RONNIE KAMPHAUSEN	USA	1:46.81	I.KEUSCH-RENNER	GER
6:40.80	BETSY JORDAN	USA	1:43.47	MARCELA STASTNA	CZE	39.17	C.FDEZ-MISA	ESP	1:47.30	JUDIE OLIVER	CAN
6:43.08	MARIA PENNA	BRA	1:44.10	KAZUKO KAJIWARA	JPN	39.43	MITSUKO KOMURO	JPN	1:47.49	ANN KAY	USA
6:48.77	KAZU KOYAMA	JPN	1:44.50	UTE AHMELS	GER	39.91	MICHIKO UNOKI	JPN	1:51.77	MARCIA RIBEIRO	BRA
6:48.90	ROBIN HENZE	AUS	200 M. BRST			39.93	GRETHE BENDTSEN	DEN	1:52.79	GRACE ISAAC	GBR
800 M. FREE			3:27.71	LUISE KNOPFLE	GER	39.96	ANN KAY	USA	1:52.87	LORNA HARDING	GBR
12:11.54	YOSHIKO OSAKI	JPN	3:32.51	JOANN LEILICH	USA	40.17	KIMIKO YOSHINAGA	JPN	1:52.97	CONNY STAMHUIS	CAN
12:48.10	HELGA REICH	GER	3:35.98	MASAYO AZUMA	JPN	100 M. FREE			200 M. BACK		
13:03.09	REIKO ISHIZAKI	JPN	3:36.67	CHRISTINE PARFECT	GBR	1:17.94	JANE ASHER	GBR	3:29.72	LAVELLE STOINOFF	USA
13:16.22	MARGA SCHULZE	GER	3:39.24	TAYO FUJIEDA	JPN	1:23.73	LAVELLE STOINOFF	USA	3:38.35	GRETHE BENDTSEN	DEN
13:19.43	MARIA PENNA	BRA	3:43.51	KUMIE TOKUDA	JPN	1:24.57	BARBARA FENTIMAN	AUS	3:41.21	JUDIE OLIVER	CAN
13:45.10	BETSY JORDAN	USA	3:47.98	FELICITY HAGUE	GBR	1:26.22	ELIANE PELLIS	BEL	3:52.41	ELIZABETH KIRBY	USA
13:45.61	SALLY BOLAR	USA	3:48.08	KEIKO YAMADA	JPN	1:27.77	DIANE STOWELL	USA	3:52.67	MARLENE MENDES	BRA
13:53.19	L.VAN DER MEER	NED	3:48.55	CYNTHIA ANDRADE	BRA	1:31.21	A.LEENE-RODAHL	NZL	3:55.22	ANN KAY	USA
13:58.92	FUSAKO HIROOKA	JPN	3:48.62	HIROKO OTANI	JPN	1:32.79	ANN KAY	USA	3:57.13	I.KEUSCH-RENNER	GER
14:11.99	ANN GRANTHAM	GBR	50 M. FLY			1:33.77	ADRIENNE PIPES	USA	4:04.71	LIDA GASCHKE	USA
1500 M. FREE			39.01	HAIKE HOLER	GER	1:33.79	INGRID ROTHE-DAY	GER	4:05.01	SUMIKO SUMITA	JPN
24:57.91	REIKO ISHIZAKI	JPN	39.17	HARUMI SUGIMOTO	JPN	1:34.71	REIKO YAMAGUCHI	JPN	4:05.94	GRACE ISAAC	GBR
25:25.52	MARGA SCHULZE	GER	40.16	CHRISTINE PARFECT	GBR	1:34.71	MICHIKO OKUMURA	JPN	50 M. BRST		
25:57.33	BETSY JORDAN	USA	41.31	MARCELA STASTNA	CZE	200 M. FREE			45.53	ELIANE PELLIS	BEL
26:24.78	L.VAN DER MEER	NED	41.32	SEIKO YAMASAKI	JPN	2:56.14	JANE ASHER	GBR	46.51	A.OBERGHEIN	BEL
26:51.89	SALLY BOLAR	USA	41.33	SALLY BOLAR	USA	2:59.75	LAVELLE STOINOFF	USA	48.79	I.KEUSCH-RENNER	GER
27:01.57	KAZU KOYAMA	JPN	41.35	GABRIELLA TUCCI	ITA	3:03.86	BARBARA FENTIMAN	AUS	49.39	ANN HIRSCH	USA
27:09.19	HIROKO OTSUBO	JPN	41.38	HISAKO SATO	JPN	3:10.45	RONNIE KAMPHAUSEN	USA	49.58	MATHILDE LAURITO	BRA
27:44.77	BARBARA BOWER	USA	41.69	HISAKO KITAYAMA	JPN	3:16.53	ELIANE PELLIS	BEL	49.95	A.LEENE-RODAHL	NZL
27:46.18	DENISE ROBERTSON	AUS	42.58	TERUKO NISHISAKO	JPN	3:16.78	DIANE STOWELL	USA	52.20	L.MOTSCHIEDLER	GER
27:49.11	MITSUKO ENDO	JPN	100 M. FLY			3:24.51	ADRIENNE PIPES	USA	52.57	C.FDEZ-MISA	ESP
50 M. BACK			1:27.91	YOSHIKO OSAKI	JPN	3:24.54	MICHIKO OKUMURA	JPN	52.88	CONNY STAMHUIS	CAN
42.81	BETSY JORDAN	USA	1:35.57	SALLY BOLAR	USA	3:25.08	ANN KAY	USA	52.93	MASAE KURATA	JPN
43.03	HAIKE HOLER	GER	1:36.32	HELGA REICH	GER	3:26.29	ANN HIRSCH	USA	100 M. BRST		
43.14	SHOKO YONEZAWA	JPN	1:37.17	HAIKE HOLER	GER	400 M. FREE			1:41.04	ELIANE PELLIS	BEL
43.53	ALICE KINNAIRD	AUS	1:37.88	MARCELA STASTNA	CZE	6:05.25	JANE ASHER	GBR	1:45.72	A.OBERGHEIN	BEL
44.28	KEIKO YAMADA	JPN	1:40.83	CHRISTINE PARFECT	GBR	6:12.81	LAVELLE STOINOFF	USA	1:45.96	DIANE STOWELL	USA
44.39	BRENDA WALKER	GBR	1:41.63	HISAKO SATO	JPN	6:35.47	BARBARA FENTIMAN	GBR	1:46.68	I.KEUSCH-RENNER	GER
44.54	V.JOHANSSON	SWE	1:43.66	GABRIELLA TUCCI	ITA	6:51.10	DIANE STOWELL	USA	1:49.52	ANN HIRSCH	USA
44.80	EVA JAROSOVA	CZE	1:45.77	HIROKO OTSUBO	JPN	7:14.42	ANN HIRSCH	USA	1:53.15	JUDIE OLIVER	CAN
44.90	TSUNEO YONEKURA	JPN	1:47.57	BETSY JORDAN	USA	7:15.90	ADRIENNE PIPES	USA	1:53.90	MATHILDE LAURITO	BRA
44.99	AKIKO SAWADA	JPN	200 M. FLY			7:18.85	MICHIKO OKUMURA	JPN	1:54.69	LILLY KRON	USA
100 M. BACK			3:36.20	HELGA REICH	GER	7:19.96	BARBARA BROOKS	AUS	1:55.96	L.MOTSCHIEDLER	GER
1:34.45	BRENDA WALKER	GBR	3:47.12	SALLY BOLAR	USA	7:20.34	DOROTHY DICKEY	AUS	1:56.35	MIYAKO UCHIDA	JPN
1:35.20	BETSY JORDAN	USA	4:00.07	HISAKO SATO	JPN	7:20.72	INGRID ROTHE-DAY	GER	200 M. BRST		
1:35.70	ALICE KINNAIRD	AUS	4:05.02	ENEDINA PEREIRA	BRA	800 M. FREE			3:45.28	ELIANE PELLIS	BEL
1:35.86	V.JOHANSSON	SWE	4:07.36	LUCILLE GRIFFIN	USA	12:35.14	LAVELLE STOINOFF	USA	3:46.18	DIANE STOWELL	USA
1:36.19	HAIKE HOLER	GER	4:08.16	BETSY JORDAN	USA	13:30.28	BARBARA FENTIMAN	GBR	3:52.95	A.OBERGHEIN	BEL
1:37.15	SHOKO YONEZAWA	JPN	4:13.68	SUSAN LIVINGSTON	USA	14:47.95	ANN HIRSCH	USA	3:54.53	ANN HIRSCH	USA
1:38.57	SACHIKO HASEGAWA	JPN	4:21.95	RITA ANDROSONI	ITA	14:53.91	ADRIENNE PIPES	USA	3:56.82	JUDIE OLIVER	CAN
1:38.82	MISAO MATSUMOTO	JPN	4:22.56	ADRIANA HERNANDEZ	MEX	15:02.04	MICHIKO OKUMURA	JPN	4:01.45	I.KEUSCH-RENNER	GER
1:39.05	KAZU KOYAMA	JPN	4:23.27	INGRID SIEGERT	GER	15:03.30	BARBARA BROOKS	AUS	4:05.05	MIYAKO UCHIDA	JPN
1:39.24	AKIKO SAWADA	JPN	200 M. I.M.			15:06.40	JEAN KITSON	GBR	4:06.62	GRETHE BENDTSEN	DEN
200 M. BACK			3:20.64	YOSHIKO OSAKI	JPN	15:08.71	INGRID ROTHE-DAY	GER	4:07.59	LILLY KRON	USA
3:24.65	BETSY JORDAN	USA	3:27.95	KEIKO YAMADA	JPN	15:10.17	DOROTHY DICKEY	AUS	4:10.24	MATHILDE LAURITO	BRA
3:27.03	BRENDA WALKER	GBR	3:32.42	TAYO FUJIEDA	JPN	15:20.49	MIEKO MATSUKAWA	JPN	50 M. FLY		
3:28.26	EVA JAROSOVA	CZE	3:36.35	BETSY JORDAN	USA	1500 M. FREE			40.81	JANE ASHER	GBR
3:35.06	KEIKO YAMADA	JPN	3:36.44	HIROKO OTSUBO	JPN	24:37.45	LAVELLE STOINOFF	USA	47.00	JUDIE OLIVER	CAN
3:35.72	MISAO MATSUMOTO	JPN	3:37.39	HELGA REICH	GER	25:04.94	BARBARA FENTIMAN	AUS	48.22	ANN KAY	USA
3:36.28	ALICE KINNAIRD	AUS	3:39.58	GABRIELLA TUCCI	ITA	28:03.78	ADRIENNE PIPES	USA	49.70	ADRIENNE PIPES	USA
3:38.86	MARGA SCHULZE	GER	3:40.61	TRICIA LIDY	AUS	28:04.11	ELIZABETH KIRBY	USA	49.91	HIROKO KATANO	JPN
3:39.12	KAZU KOYAMA	JPN	3:41.24	KAZU KOYAMA	JPN	28:49.36	LIDA GASCHKE	USA	50.11	KII SAITO	JPN
3:40.05	UTE REMENYI	AUT	3:43.79	JUNKO KATO	JPN	28:50.94	INGRID ROTHE-DAY	GER	50.39	HIROKO OGAWA	JPN
3:40.48	SACHIKO HASEGAWA	JPN	400 M. I.M.			28:54.84	MICHIKO OKUMURA	JPN	51.06	BOBBIE LEA	AUS
50 M. BRST			7:24.85	HELGA REICH	GER	29:21.00	JEAN KITSON	GBR	51.24	TOSHIKO WADA	JPN
44.07	SHOKO YONEZAWA	JPN	7:49.78	BETSY JORDAN	USA	29:34.16	DOROTHY DICKEY	AUS	51.66	BARBARA FENTIMAN	AUS
44.24	JOANN LEILICH	USA	7:57.16	TRICIA LIDY	AUS	29:46.17	BARBARA BROOKS	AUS	100 M. FLY		
44.85	CHRISTINE PARFECT	GBR	8:01.23	KAZU KOYAMA	JPN	50 M. BACK			1:44.39	JUDIE OLIVER	CAN
45.32	LUISE KNOPFLE	GER	8:04.82	SUSAN LIVINGSTON	USA	46.54	GRETHE BENDTSEN	DEN	1:55.41	ANN HIRSCH	USA
45.70	UTE AHMELS	GER	8:14.34	ENEDINA PEREIRA	BRA	47.75	KAZUKO KABASAWA	JPN	1:59.54	KII SAITO	JPN
45.86	GABRIELLA TUCCI	ITA	8:16.49	CYNTHIA ANDRADE	BRA	48.25	MARCIA RIBEIRO	BRA	2:01.72	BOBBIE LEA	AUS



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2:04.02	HIROKO KATANO	JPN	7:14.86	JEAN TROY	USA	2:01.59	EDITH BOHM	GER	50	M. FREE	
2:05.10	JOAN ALEXANDER	USA	7:21.46	NAN BOHL	USA	2:02.25	CAROL TAYLOR	USA	43.10	OLGA JOHNSON	NZL
2:06.55	ILZA ETEROVIK	BRA	7:48.13	BETTY RUSS	USA	2:02.29	JOAN PARNELL	CAN	44.00	OLGA KOKORINA	RUS
2:06.56	AYA HIRANO	JPN	7:50.24	G.MCKENZIE-HICKS	AUS	2:02.35	ATTI DERKSE	NED	46.27	PETHEY H SMITH	USA
2:07.87	ADRIENNE PIPES	USA	7:51.27	LIZ WALLIS	AUS	2:05.73	SAYOKO WATANABE	JPN	46.53	ELSA DE LEEUW	CAN
2:08.21	YASUKO TSUCHIYA	JPN	8:00.52	TSURUYO TANAKA	JPN	2:06.88	ERIKA LANGE	GER	46.65	MARGERIE MEYER	USA
200 M. FLY			8:02.80	M. CUNNINGHAM	AUS	2:08.12	EIKO MORI	JPN	47.56	DORIS MCEWAN	CAN
4:01.61	JUDIE OLIVER	CAN	8:07.89	CHIE TANI	JPN	2:09.64	ETSUKO KIMURA	JPN	47.91	RUTH BAAR	USA
4:26.37	ANN HIRSCH	USA	8:09.56	EDIE GRUENDER	USA	200 M. BRST			48.33	SUGAKO KUWAYAMA	JPN
4:36.96	AYA HIRANO	JPN	800 M. FREE			3:55.25	SYLVIA NEUHAUSER	AUT	48.70	MASAKO HOTEHAMA	JPN
4:38.88	JOAN ALEXANDER	USA	14:49.08	JEAN TROY	USA	4:24.58	SYLVIA EISELE	CAN	48.78	J. DRAKE-BROCKMAN	AUS
4:41.24	HIROKO KATANO	JPN	14:49.61	BRITT GRILLI	SWE	4:26.89	ATTI DERKSE	NED	100 M. FREE		
4:47.84	BOBBIE LEA	AUS	15:05.75	BETTY LORENZI	USA	4:27.10	TERUKO ONO	JPN	1:42.79	ELSA DE LEEUW	CAN
4:48.76	B.JENSEN	DEN	15:53.60	LIZ WALLIS	AUS	4:31.60	ERIKA LANGE	GER	1:43.12	MARGERIE MEYER	USA
4:50.47	ANNIE DE VOS	NED	16:22.52	G. MCKENZIE-HICKS	AUS	4:31.62	EIKO MORI	JPN	1:46.90	OLGA JOHNSON	NZL
5:13.76	CHIYO FUKUSHIMA	JPN	16:24.92	BETTY RUSS	USA	4:38.19	BARBARA VICKERS	AUS	1:48.54	PETHEY H SMITH	USA
5:23.49	HARUKO SASAKI	JPN	16:26.99	EDIE GRUENDER	USA	4:38.84	CAROL TAYLOR	USA	1:50.73	RUTH BAAR	USA
200 M. I.M.			16:42.12	JUNE KRAUSER	USA	4:41.51	JOAN KIDD	GBR	1:50.91	SUGAKO KUWAYAMA	JPN
3:38.07	JUDIE OLIVER	CAN	16:46.55	TSURUYO TANAKA	JPN	4:42.63	G.SCHOBEL-GRASS	GER	1:51.27	DORIS MCEWAN	CAN
3:52.31	ANN HIRSCH	USA	16:56.28	TOMIKO MAKITA	JPN	50 M. FLY			1:54.32	BILLIE AN BURRILL	USA
3:54.40	RONNIE KAMPHAUSEN	USA	1500 M. FREE			44.95	GAIL ROPER	USA	1:54.65	MASAE SHIMURA	JPN
3:55.65	BARBARA FENTIMAN	AUS	28:37.14	JEAN TROY	USA	51.56	SYLVIA NEUHAUSER	AUT	1:56.63	FUMI MURATA	JPN
3:55.72	GRETHE BENDTSEN	DEN	31:26.00	G. MCKENZIE-HICKS	AUS	51.91	SYLVIA EISELE	CAN	200 M. FREE		
4:00.40	MICHIKO OKUMURA	JPN	31:37.85	BETTY RUSS	USA	53.55	EDITH BOHM	GER	3:47.03	MARGERIE MEYER	USA
4:06.52	MARCIA RIBEIRO	BRA	31:46.43	TSURUYO TANAKA	JPN	55.41	CHIE TANI	JPN	3:50.48	ELSA DE LEEUW	CAN
4:09.92	JEAN KITSON	GBR	32:20.09	EDIE GRUENDER	USA	56.44	JEAN TROY	USA	4:03.05	PETHEY H SMITH	USA
4:11.55	TAKIKO INA	JPN	33:43.22	BETTY MC MILLAN	USA	57.12	AKIKO ONOHARA	JPN	4:06.28	RUTH BAAR	USA
4:13.31	ANNIE DE VOS	NED	34:31.06	NANCY DURSTEIN	USA	57.27	TSURUYO TANAKA	JPN	4:09.66	OLGA JOHNSON	NZL
400 M. I.M.			34:48.30	M.MCMAHON-COLLINS	NZL	58.25	YUKIKO SAKAI	JPN	4:10.73	LOIS NOCHMAN	USA
7:38.87	JUDIE OLIVER	CAN	35:26.27	RUTH AARON	USA	58.89	EDIE GRUENDER	USA	4:11.08	DORIS MCEWAN	CAN
8:13.20	ANN HIRSCH	USA	36:21.83	PHYLLIS CROCKETT	USA	100 M. FLY			4:16.44	BILLIE AN BURRILL	USA
8:49.54	LILLY KRON	USA	50 M. BACK			1:50.12	SYLVIA NEUHAUSER	AUT	4:23.75	MAURINE KORNFELD	USA
8:51.69	ANNIE DE VOS	NED	46.30	JOAN PARNELL	CAN	1:54.14	GAIL ROPER	USA	4:25.36	FUMI MURATA	JPN
9:16.78	B.JENSEN	DEN	47.55	BETTY LORENZI	USA	2:05.72	SYLVIA EISELE	USA	400 M. FREE		
9:21.50	BARBARA BROOKS	AUS	48.83	EDITH BOHM	GER	2:11.47	CHIE TANI	JPN	8:08.06	MARGERIE MEYER	USA
9:24.21	AYA HIRANO	JPN	49.09	KIMIKO OOKA	JPN	2:15.83	JEAN TROY	USA	8:08.66	ELSA DE LEEUW	CAN
9:28.32	EULAH VARTY	CAN	49.69	NANCY KINNEY	USA	2:17.27	Y.KAPLAN BADER	FRA	8:40.25	OLGA JOHNSON	NZL
9:31.64	BOBBIE LEA	AUS	49.84	KERSTIN GJORES	SWE	2:18.63	JUNE KRAUSER	USA	8:41.96	LOIS NOCHMAN	USA
9:49.76	ADRIENNE PIPES	USA	52.17	SYLVIA NEUHAUSER	AUT	2:18.76	TSURUYO TANAKA	JPN	8:52.18	PETHEY SMITH	USA
*****			53.25	ASAKO MANINGO	USA	2:23.92	EDIE GRUENDER	USA	9:06.35	MAURINE KORNFELD	USA
*****			54.04	RUZENA VYMAZALOVA	CZE	2:28.99	BETTY RUSS	USA	9:22.84	NORMA RUDOLPH	AUS
*****			54.37	YOKO KOBAYASHI	JPN	200 M. FLY			9:26.16	VAL LINCOLN	AUS
*****			100 M. BACK			4:03.55	SYLVIA NEUHAUSER	AUT	9:33.48	LIS KNUTZEN	DEN
50 M. FREE			1:46.38	BETTY LORENZI	USA	4:17.87	GAIL ROPER	USA	9:42.49	BILLIE AN BURRILL	USA
37.90	GAIL ROPER	USA	1:47.41	JOAN PARNELL	CAN	4:38.45	SYLVIA EISELE	CAN	800 M. FREE		
39.70	BRITT GRILLI	SWE	1:48.63	KIMIKO OOKA	JPN	4:59.82	BETTY RUSS	USA	17:07.77	ELSA DE LEEUW	CAN
39.75	NAN BOHL	USA	1:48.94	NANCY KINNEY	USA	5:05.83	KIMIKO OOKA	JPN	17:35.79	LOIS KIVI NOCHMAN	USA
40.35	KERSTIN GJORES	SWE	1:50.36	KERSTIN GJORES	SWE	5:08.90	JUNE KRAUSER	USA	18:33.89	BUNNY CEDERLUND	USA
40.56	JEAN TROY	USA	1:59.55	RUZENA VYMAZALOVA	CZE	5:33.84	EDIE GRUENDER	USA	18:59.29	MAURINE KORNFELD	USA
41.07	JOAN PARNELL	CAN	2:01.92	JOAN KIDD	GBR	6:00.24	GLADYS OLSEN	USA	19:41.17	VAL LINCOLN	AUS
42.91	KIMIKO RI	JPN	2:02.27	G.SCHOBEL-GRASS	GER	6:34.03	LUIZA SILVA	BRA	19:50.44	BILLIE AN BURRILL	USA
43.14	EIKO MORI	JPN	2:04.03	OLIVE HALE	GBR	8:11.55	MARIAN WOLLE	USA	20:37.71	CHIYOKO TAKIZAWA	JPN
43.26	BETTY RUSS	USA	2:04.18	ERIKA LANGE	GER	200 M. I.M.			22:12.35	LIS KNUTZEN	DEN
43.56	JOYCE WILLS	AUS	200 M. BACK			3:56.39	SYLVIA NEUHAUSER	AUT	22:37.42	JUNE REYNOLDS	USA
100 M. FREE			3:51.75	NANCY KINNEY	USA	4:03.80	NANCY KINNEY	USA	23:05.56	SIMONE BENOIT	FRA
1:26.90	GAIL ROPER	USA	3:52.87	JOAN PARNELL	CAN	4:06.73	KIMIKO OOKA	JPN	1500 M. FREE		
1:29.77	JEAN TROY	USA	3:58.70	KERSTIN GJORES	SWE	4:11.70	SYLVIA EISELE	USA	33:05.83	LOIS KIVI NOCHMAN	USA
1:30.35	NAN BOHL	USA	4:00.47	KIMIKO OOKA	JPN	4:19.69	CHIE TANI	JPN	34:49.74	PETHEY H SMITH	USA
1:32.15	BRITT GRILLI	SWE	4:01.77	BETTY LORENZI	USA	4:20.47	CAROL TAYLOR	USA	37:28.80	NORMA RUDOLPH	AUS
1:38.64	BETTY LORENZI	USA	4:10.35	ERIKA LANGE	GER	4:24.99	JEAN TROY	USA	38:08.48	VAL LINCOLN	AUS
1:40.17	KERSTIN GJORES	SWE	4:11.78	G.SCHOBEL-GRASS	GER	4:31.77	EDIE GRUENDER	USA	40:03.90	JOYCE O'FARRELL	AUS
1:41.84	JOAN PARNELL	CAN	4:17.32	SYLVIA EISELE	USA	4:34.81	TSURUYO TANAKA	JPN	40:48.67	ROSEMARY BROMWICH	AUS
1:42.48	TOMIKO MAKITA	JPN	4:22.74	SATO OHASHI	JPN	4:35.20	JUNE KRAUSER	USA	42:21.78	LIS KNUTZEN	DEN
1:42.48	G.MCKENZIE-HICKS	AUS	4:24.46	JOAN KIDD	GBR	400 M. I.M.			50 M. BACK		
1:42.63	M. CUNNINGHAM	AUS	50 M. BRST			9:02.29	SYLVIA EISELE	CAN	54.64	A CEDERLUND	USA
200 M. FREE			50.44	EDITH BOHM	GER	9:28.31	JEAN TROY	USA	54.79	SILVIA CRAVERI	ITA
3:24.89	JEAN TROY	USA	50.74	SYLVIA NEUHAUSER	AUT	9:29.38	BETTY RUSS	USA	55.47	MARGERIE MEYER	USA
3:28.42	NAN BOHL	USA	51.43	SYLVIA EISELE	CAN	9:38.03	JUNE KRAUSER	USA	56.34	DORIS MCEWAN	CAN
3:29.50	BRITT GRILLI	SWE	52.93	CAROL TAYLOR	USA	9:48.80	G.SCHOBEL-GRASS	GER	58.65	MASAKO HOTEHAMA	JPN
3:34.61	BETTY LORENZI	USA	53.54	NAN BOHL	USA	10:00.26	TSURUYO TANAKA	JPN	58.74	J. DRAKE-BROCKMAN	AUS
3:36.42	JOAN PARNELL	CAN	54.35	JOAN PARNELL	CAN	11:03.77	NANCY DURSTEIN	USA	59.02	OLGA JOHNSON	NZL
3:41.38	G.MCKENZIE-HICKS	AUS	55.20	ATTI DERKSE	NED	11:57.10	GLADYS OLSEN	USA	1:00.95	KALIS RASMUSSEN	CAN
3:44.07	FUMIKO HIROOKA	JPN	56.12	SAYOKO WATANABE	JPN	12:23.24	CHIEKO MORIKANE	JPN	1:01.09	HANA ENATSU	JPN
3:45.23	M. CUNNINGHAM	AUS	56.76	ERIKA LANGE	GER	13:43.46	TOSHIO AMANO	JPN	1:01.70	LOIS NOCHMAN	USA
3:45.90	LIZ WALLIS	AUS	57.69	GWENDOLEN KASPAR	ITA	*****			100 M. BACK		
3:46.96	BETTY RUSS	USA	100 M. BRST			*****			2:04.22	MIDORI KINJO	JPN
400 M. FREE			1:48.65	SYLVIA NEUHAUSER	AUT	*****			2:07.33	SILVIA CRAVERI	ITA
7:11.94	BRITT GRILLI	SWE	1:56.98	SYLVIA EISELE	CAN	*****			2:09.36	DORIS MCEWAN	CAN



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2:09.54	J. DRAKE-BROCKMAN	AUS	7:29.80	AYAKO MIZUSHIMA	JPN	1500 M. FREE	8:11.17	JEANNE TURGEON	CAN		
2:10.78	BUNNY CEDERLUND	USA	13:36.98	ELFIE STEVENIN	USA	33:32.24	RITA SIMONTON	USA			
2:12.43	MARGERY MEYER	USA	200 M. I.M.			48:26.24	KATH JOHNSTONE	NZL	*****		
2:13.74	LOIS NOCHMAN	USA	4:33.58	LOIS KIVI NOCHMAN	USA	52:25.45	MARY LATHRAM	USA	WOMEN 90-94		
2:16.29	DIANA SILVA	USA	4:40.75	ELSA DE LEEUW	CAN	60:33.43	JEANNE TURGEON	CAN	*****		
2:17.90	ELSA DE LEEUW	CAN	5:12.45	JAE HOWELL	USA	50 M. BACK		50 M. FREE			
2:24.11	ANNIE STOKER	NED	5:18.67	KALIS RASMUSSEN	CAN	1:01.39	PERSIS RAE	AUS	1:15.10	SHIZUE SHIMIZU	JPN
200 M. BACK			5:20.56	JUNE REYNOLDS	USA	1:03.30	WILLY VAN RYSEL	GBR	1:15.34	MARGO BATES	AUS
4:33.44	SILVIA CRAVERI	ITA	5:42.24	NORA RONAI	BRA	1:03.97	MICHIKO HAMURO	JPN	1:35.34	DOROTHY RIORDAN	USA
4:34.84	MIDORI KINJO	JPN	6:01.55	KATH CLAPP	GBR	1:04.51	EDITH THEIN	ISR	1:51.51	ANGES ROMAYKO	USA
4:38.51	BUNNY CEDERLUND	USA	6:04.81	ROSEMARY BROMWICH	AUS	1:05.15	HIDEKO HANADA	JPN	2:02.19	ROSA SELLARES	ESP
4:40.23	DORIS MCEWAN	CAN	6:23.78	MAURINE KORNFIELD	USA	1:08.84	EDITH GLUSAC	USA	2:02.35	BERNARDA ANGULO	ESP
4:49.68	J. DRAKE-BROCKMAN	AUS	6:39.69	AYAKO MIZUSHIMA	JPN	1:09.73	CHARLOTTE THIEL	GER	2:05.65	OSCARINA SANTOS	BRA
4:54.52	LOIS NOCHMAN	USA	400 M. I.M.			1:09.89	TERU USHIKI	JPN	2:44.45	ELIZABETH DZIADUS	USA
4:56.43	MICHELE GUILLAIS	FRA	9:45.00	LOIS NOCHMAN	USA	1:10.15	INGER ANDERSEN	DEN	100 M. FREE		
5:04.20	KALIS RASMUSSEN	CAN	11:04.28	JAE HOWELL	USA	1:13.65	ALMA BRECKNOCK	AUS	3:00.62	MARGO BATES	AUS
5:04.71	FUMI MURATA	JPN	11:44.62	JUNE REYNOLDS	USA	100 M. BACK			3:39.70	BERNARDA ANGULO	ESP
5:05.65	DIANA SILVA	USA	12:08.48	NORA RONAI	BRA	2:10.44	EDITH THEIN	ISR	3:52.99	DOROTHY RIORDAN	USA
50 M. BRST			13:59.79	AYAKO MIZUSHIMA	JPN	2:19.57	HIDEKO HANADA	JPN	4:35.50	ANGES ROMAYKO	USA
54.44	OLGA KOKORINA	RUS	17:01.09	MARY JANE SCHAFER	USA	2:20.52	WILLY VAN RYSEL	GBR	4:53.08	OSCARINA SANTOS	BRA
56.57	SHIZUE TOYAMA	JPN	20:00.15	ELFIE STEVENIN	USA	2:32.39	TERU USHIKI	JPN	200 M. FREE		
57.67	MICHELE GUILLAIS	FRA	*****			2:36.01	ALMA BRECKNOCK	AUS	6:12.97	MARGO BATES	AUS
57.80	KIMIE KANAI	JPN	*****			2:36.19	EDITH GLUSAC	USA	8:00.84	SUSAN HANSON	USA
1:00.92	NORA RONAI	BRA	WOMEN 85-89			2:37.52	INGER ANDERSEN	DEN	8:20.65	BERNARDA ANGULO	ESP
1:01.55	ELSA DE LEEUW	CAN	*****			2:45.49	YOSHIKO WATANABE	JPN	400 M. FREE		
1:03.25	DORIS MCEWAN	CAN	50 M. FREE			2:46.92	ANNE WALKER	USA	16:26.14	BERNARDA ANGULO	ESP
1:04.21	LIS KNUTZEN	DEN	52.61	RITA SIMONTON	USA	2:49.83	MARIA LENK	BRA	800 M. FREE		
1:05.61	MURIEL FLYNN	USA	56.77	TERU USHIKI	JPN	200 M. BACK			33:09.44	BERNARDA ANGULO	ESP
1:05.85	INGEBORG FRITZE	GER	56.86	URSULA OEHMKE	GER	4:52.29	EDITH THEIN	ISR	50 M. BACK		
100 M. BRST			57.04	MICHIKO HAMURO	JPN	4:59.07	HIDEKO HANADA	JPN	1:25.89	MIEKO NAGAOKA	JPN
2:01.74	OLGA KOKORINA	RUS	1:02.57	JOAN GODSALL	AUS	5:07.21	WILLY VAN RYSEL	GBR	1:29.47	KIYOKO KANO	JPN
2:10.31	KIMIE KANAI	JPN	1:03.81	KATH JOHNSTONE	NZL	5:29.98	INGER ANDERSEN	DEN	1:31.50	LUZIA CARACCILO	BRA
2:18.72	DORIS MCEWAN	CAN	1:06.51	TOSHI KUBO	JPN	5:38.27	EDITH GLUSAC	USA	1:53.98	ROSA SELLARES	ESP
2:19.24	MICHELE GUILLAIS	FRA	1:08.03	CHARLOTTE THIEL	GER	5:44.45	YOSHIKO WATANABE	JPN	1:58.20	BERNARDA ANGULO	ESP
2:24.05	SUMIKO YANAGISAWA	JPN	1:08.32	KIKU ONO	JPN	5:50.02	MARIA LENK	BRA	2:05.33	DOROTHY RIORDAN	USA
2:25.38	MURIEL FLYNN	USA	1:08.46	ANNE WALKER	USA	6:05.32	TERU USHIKI	JPN	2:09.17	MARGO BATES	AUS
2:25.72	LIS KNUTZEN	DEN	100 M. FREE			6:10.31	ANNE WALKER	USA	2:13.95	OSCARINA SANTOS	BRA
2:28.40	LOIS KIVI NOCHMAN	USA	1:54.37	RITA SIMONTON	USA	6:38.47	ELAINE BUCK	RSA	2:37.50	ELIZABETH DZIADUS	USA
2:30.89	INGEBORG FRITZE	GER	2:09.62	TERU USHIKI	JPN	50 M. BRST			100 M. BACK		
2:32.31	JAE HOWELL	USA	2:21.57	WILLY VAN RYSEL	GBR	1:14.24	MICHIKO HAMURO	JPN	3:08.43	LUZIA CARACCILO	BRA
200 M. BRST			2:27.35	TOSHI KUBO	JPN	1:17.27	CHARLOTTE THIEL	GER	3:19.84	MIEKO NAGAOKA	JPN
4:31.85	OLGA KOKORINA	RUS	2:28.78	JOAN GODSALL	AUS	1:19.90	MARION DEVITT	CAN	4:14.88	BERNARDA ANGULO	ESP
5:12.54	MURIEL FLYNN	USA	2:28.96	KATH JOHNSTONE	NZL	1:20.89	EDITH GLUSAC	USA	4:33.79	MARGO BATES	AUS
5:16.10	SUMIKO YANAGISAWA	JPN	2:32.34	ANNE WALKER	USA	1:28.11	RITA SIMONTON	USA	5:26.37	HILDA BUEL	USA
5:26.73	LIS KNUTZEN	DEN	2:40.50	KIKU ONO	JPN	1:31.99	MARIA LENK	BRA	5:32.37	OSCARINA SANTOS	BRA
5:31.72	LOIS NOCHMAN	USA	2:48.55	KAY SCHIMPF	USA	1:33.87	JEANNE TURGEON	CAN	200 M. BACK		
5:34.77	FANNY LARSEN	DEN	2:50.40	YOSHIKO WATANABE	JPN	1:33.92	ANNELIESE ZOELLER	USA	7:03.78	MIEKO NAGAOKA	JPN
5:40.05	JAE HOWELL	USA	200 M. FREE			1:38.71	EMILY GODSALL	GBR	7:11.96	LUZIA CARACCILO	BRA
5:45.53	FUMI MURATA	JPN	4:11.10	RITA SIMONTON	USA	1:40.83	LAURA OLIVEIRA	BRA	8:35.08	BERNARDA ANGULO	ESP
6:04.99	NAKA FUKUOKA	JPN	4:42.22	URSULA OEHMKE	GER	100 M. BRST			9:08.20	DOROTHY RIORDAN	USA
6:08.01	GRE SCHONBERGER	NED	5:09.98	TERU USHIKI	JPN	2:42.17	MICHIKO HAMURO	JPN	11:51.46	HILDA BUEL	USA
50 M. FLY			5:17.61	WILLY VAN RYSEL	GBR	2:45.83	ALMA BRECKNOCK	AUS	50 M. BRST		
57.43	LOIS NOCHMAN	USA	5:26.07	KIKU ONO	JPN	2:54.67	PERSIS RAE	AUS	1:54.31	LUZIA CARACCILO	BRA
1:02.23	NORA RONAI	BRA	5:27.33	MARIA LENK	BRA	3:01.49	MARION DEVITT	CAN	4:03.14	ROSA SELLARES	ESP
1:05.33	YONE MURATA	JPN	5:35.40	KATH JOHNSTONE	NZL	3:23.02	MARIA LENK	BRA	100 M. BRST		
1:07.09	JUNE REYNOLDS	USA	5:40.19	JOAN GODSALL	AUS	3:31.48	JEANNE TURGEON	CAN	4:38.15	LUZIA CARACCILO	BRA
1:09.96	DIANA SILVA	USA	5:41.98	YOSHIKO WATANABE	JPN	3:34.83	LAURA OLIVEIRA	BRA	6:12.82	HILDA BUEL	USA
1:11.64	ELSA DE LEEUW	CAN	5:57.64	KAY SCHIMPF	USA	3:35.49	ANNELIESE ZOELLER	USA	200 M. I.M.		
1:15.48	MASAKO HOTEHAMA	JPN	400 M. FREE			4:00.81	EMILY GODSALL	GBR	12:03.55	HILDA BUEL	USA
1:15.59	KALIS RASMUSSEN	CAN	8:29.83	RITA SIMONTON	USA	4:14.65	KAY SCHIMPF	USA	*****		
1:17.10	NORMA RUDOLPH	AUS	10:40.29	WILLY VAN RYSEL	GBR	200 M. BRST			*****		
1:17.52	JAE HOWELL	USA	11:35.73	KIKU ONO	JPN	5:35.82	MICHIKO HAMURO	JPN	*****	WOMEN 95-99	
100 M. FLY			11:48.55	KATH JOHNSTONE	NZL	5:45.49	ALMA BRECKNOCK	AUS	*****		
2:06.55	LOIS NOCHMAN	USA	11:48.75	KAY SCHIMPF	USA	6:00.91	PERSIS RAE	AUS	50 M. FREE		
2:34.18	NORA RONAI	BRA	11:51.51	MARIA LENK	BRA	6:35.93	RITA SIMONTON	USA	1:47.25	BETTY JONES	AUS
2:44.14	JAE HOWELL	USA	12:32.65	JOAN GODSALL	AUS	7:29.21	JEANNE TURGEON	CAN	*****		
2:46.45	JUNE REYNOLDS	USA	13:13.02	MARIE FEIFEROVA	CZE	7:43.76	ANNELIESE ZOELLER	USA	*****		
2:49.85	DIANA SILVA	USA	13:29.61	YOSHIKO WATANABE	JPN	9:01.30	EMILY GODSALL	GBR	*****	WOMEN 100-104	
2:56.47	NORMA RUDOLPH	AUS	13:49.07	MARY LATHRAM	USA	9:18.84	KATH JOHNSTONE	NZL	*****		
3:18.67	AYAKO MIZUSHIMA	JPN	800 M. FREE			50 M. FLY			*****		
5:01.99	MARY JANE SCHAFER	USA	17:48.18	RITA SIMONTON	USA	1:31.87	EDITH GLUSAC	USA	*****		
6:09.50	ELFIE STEVENIN	USA	22:17.64	WILLY VAN RYSEL	GBR	2:11.42	JEANNE TURGEON	CAN	*****	M E N 25-29	
200 M. FLY			23:30.68	KIKU ONO	JPN	100 M. FLY			*****		
4:34.86	LOIS NOCHMAN	USA	25:13.80	KATH JOHNSTONE	NZL	3:48.99	EDITH GLUSAC	USA	50 M. FREE		
5:36.35	JAE HOWELL	USA	25:15.14	KAY SCHIMPF	USA	200 M. I.M.			23.49	TIM EHLKES	GER
6:01.22	NORA RONAI	BRA	27:27.46	JOAN GODSALL	AUS	5:25.65	RITA SIMONTON	USA	23.60	JERROD KAPPLER	USA
6:29.39	JUNE REYNOLDS	USA	28:00.53	MARY LATHRAM	USA	5:51.75	MICHIKO HAMURO	JPN	23.78	DAVIDE DIAMBRI	ITA
7:18.53	MARY JANE SCHAFER	USA	31:38.57	JEANNE TURGEON	CAN	7:00.96	EDITH GLUSAC	USA	24.21	HERMAN LOUW	USA



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2004

24.26	SHUNSUKE ITO	JPN	1:00.29	JONATHAN MILLER	CAN	2:18.00	BORIS DUTHOY	FRA	8:47.10	GLAUCO RANGEL	BRA
24.39	ANDREW MANLEY	GBR	1:00.55	STEPHEN CASSIDY	GBR	2:18.61	MARCO PELLEGRINI	ITA	9:01.42	DAVID ROYO	ESP
24.43	MAKOTO KADOSAKA	JPN	1:01.00	DOMINIC JOHNSTON	GBR	2:19.55	C.MESSERER	GER	9:01.74	BLAKE PORCH	USA
24.43	MICHAEL SCARCELLI	USA	1:01.40	THORSTEN HERRMANN	GER	2:19.56	MARCELLO TONELLI	AUS	9:06.91	JANN CORDIER	FRA
24.51	CLAUDIO MOTTA	BRA	1:01.46	TOSHIYA HAKOSHIMA	JPN	200 M. I.M.			9:08.81	MATTEO AMMANNATI	ITA
24.54	P.VAN VEGCHELEN	NED	200 M. BACK			2:10.50	MATTHEW CHAPPEL	GBR	9:11.36	VESELY PETR	CZE
100 M. FREE			2:11.60	TODD DESORBO	USA	2:13.56	SASCHA JANITZKI	GER	9:11.42	ROBERTO VENIER	ITA
51.81	TIM EHLKES	GER	2:12.24	FABIO AFFRICANO	ITA	2:15.76	SCOTT AYER	USA	9:12.10	ERIK CRANKSHAW	USA
52.98	ANDREW MANLEY	GBR	2:13.91	DENNIS BROUWERS	NED	2:15.97	ASUKA KOIZUMI	JPN	1500 M. FREE		
53.05	JERROD KAPPLER	USA	2:14.12	LEONARDO FIESCHI	ITA	2:16.53	SIMONE BATTISTON	ITA	16:38.68	SEBASTIAN WIESE	GER
54.18	M.MATTACCHIONE	ITA	2:14.30	KENTARO NAKAMURA	JPN	2:17.99	KEISUKE KUGA	JPN	17:40.23	MARCIN WEDLARSKI	USA
54.22	HERMAN LOUW	USA	2:19.55	M.QUAGLIANI	ITA	2:18.16	TIM SPIWOKS	GER	17:41.47	DAVID ROYO	ESP
54.23	TONI MEIJEL	EST	2:19.63	RYOSUKE SAKAI	JPN	2:18.17	MARCELLO TONELLI	AUS	17:52.45	CEDRIE LECOMTE	FRA
54.29	DAVIDE DIAMBRI	ITA	2:19.71	JASON EADDY	USA	2:18.76	KEITARO HIRAYAMA	JPN	17:56.70	MATTEO AMMANNATI	ITA
54.44	JONATHAN MILLER	CAN	2:19.85	NICO KOCH	GER	2:18.89	B.SZERBAKOWSKI	GER	18:00.60	UGUR TANER	USA
54.57	MICHAEL STIRZAKER	GBR	2:20.77	FABIO COSTA	BRA	400 M. I.M.			18:03.56	IGNACIO DIEZ	ESP
54.75	ROSS CROASDELL	GBR	50 M. BRST			4:50.92	SASCHA JANITZKI	GER	18:32.31	VINCENT MANCIAUX	FRA
200 M. FREE			30.02	MATTHEW CHAPPEL	GBR	4:53.41	MATT ALLEN	USA	18:44.29	AGNUS GERRINGA	NED
1:57.46	ANDREW MANLEY	GBR	30.18	BASTIAN KAMPMANN	GER	4:55.09	FABIO AFFRICANO	ITA	18:46.70	ANDRE WRASSE	GER
1:57.50	STEFAN LOTZKAT	GER	30.20	ENNIO FRANCO	ITA	4:58.01	C.MESSERER	GER	50 M. BACK		
1:57.68	G.RODRIGUEZ	VEN	30.51	GABOR BOROS	HUN	4:58.07	TIM SPIWOKS	GER	27.28	LEONARDO GOMES	BRA
1:59.82	SASCHA JANITZKI	GER	30.52	P.VAN VEGCHELEN	NED	4:59.02	B.SZERBAKOWSKI	GER	27.85	NICOLAS DUBREUIL	FRA
1:59.98	HIROFUMI NAKAGAWA	JPN	30.53	TOMASZ DUSZYNSKI	POL	4:59.52	MARCELLO TONELLI	AUS	28.20	JEFF COMMINGS	USA
2:01.16	D.EGETENMEYER	GER	30.56	MICHAEL ERIKSEN	DEN	5:00.44	BORIS DUTHOY	FRA	28.32	OSAMU ITOI	JPN
2:01.19	TIM SPIWOKS	GER	30.57	YASUNOBU KUSUDA	JPN	5:01.56	BRIAN FURLONG	USA	28.33	Y.NAKAHARA	JPN
2:01.66	GORDON REEVES	GBR	30.58	D.EGETENMEYER	GER	5:01.98	G.RODRIGUEZ	VEN	28.75	ANDREW CAMPBELL	GBR
2:02.08	S.PADDINGTON	TRI	30.60	NAOTO KUMAGAI	JPN				28.84	LARS GIRBIG	GER
2:02.40	ROSS CROASDELL	GBR	100 M. BRST			*****			28.86	STEFANO SBLANO	ITA
400 M. FREE			1:05.72	MATTHEW CHAPPEL	GBR		M E N 30-34		28.94	C.BATTISTINI	ITA
4:15.24	G.RODRIGUEZ	VEN	1:06.91	SIMONE BATTISTON	ITA	*****			29.12	CHRSTIAN GAUVIN	CAN
4:17.62	STEFAN LOTZKAT	GER	1:07.18	ENNIO FRANCO	ITA	50 M. FREE			100 M. BACK		
4:20.09	JASON EADDY	USA	1:07.28	MICHAEL ERIKSEN	DEN	23.49	DAMIEN CUCUMEL	FRA	59.16	LEONARDO GOMES	BRA
4:20.47	MATT ALLEN	USA	1:07.35	GABOR BOROS	HUN	23.74	BRIAN JACOBSON	USA	59.21	JEFF COMMINGS	USA
4:22.16	FABIO AFFRICANO	ITA	1:07.38	STUART NOTMAN	GBR	23.79	SVEN GUSKE	GER	1:00.17	NICOLAS DUBREUIL	FRA
4:22.32	HIROFUMI NAKAGAWA	JPN	1:07.97	TOMASZ DUSZYNSKI	POL	23.79	JEREMY GROSS	USA	1:00.35	CHRIS JONES	GBR
4:22.71	TIM SPIWOKS	GER	1:08.10	BASTIAN KAMPMANN	GER	23.96	KLAUS HUEZ	ITA	1:01.05	Y.NAKAHARA	JPN
4:25.50	ANDY NONAKA	USA	1:08.39	JEFF MAYNOR	USA	24.02	ROBERT MACKENZIE	USA	1:01.31	C.BATTISTINI	ITA
4:28.21	SYLVAIN GOULESQUE	FRA	1:08.43	TORBEN KRITZER	GER	24.12	AUSTYN SHORTMAN	GBR	1:01.66	OSAMU ITOI	JPN
4:28.84	DIEGO TADDEI	ITA	200 M. BRST			24.31	RAZ PETCU	USA	1:02.00	PAUL BRIGGS	GBR
800 M. FREE			2:25.99	MATTHEW CHAPPEL	GBR	24.36	LEONARDO GOMES	BRA	1:02.00	C.TRAVIS	GBR
8:54.24	FABIO AFFRICANO	ITA	2:26.37	SASCHA JANITZKI	GER	24.38	TATSUAKI SHIRATA	JPN	1:02.41	CHRSTIAN GAUVIN	CAN
8:58.68	G.RODRIGUEZ	VEN	2:26.87	C.MESSERER	GER	100 M. FREE			200 M. BACK		
9:12.87	MARTIN PATTISON	NZL	2:27.07	MICHAEL ERIKSEN	DEN	52.61	KLAUS HUEZ	ITA	2:13.80	JOHANN PAPILLON	FRA
9:24.78	DIEGO TADDEI	ITA	2:27.43	ENNIO FRANCO	ITA	53.33	STEVEN MELLOR	GBR	2:14.19	NICOLAS DUBREUIL	FRA
9:24.18	SYLVAIN GOULESQUE	FRA	2:27.95	STUART NOTMAN	GBR	53.35	JEREMY GROSS	USA	2:15.06	Y.NAKAHARA	JPN
9:31.90	ANDRES PERALES	ESP	2:29.34	SIMONE BATTISTON	ITA	53.51	DAMIEN CUCUMEL	FRA	2:17.06	C.BATTISTINI	ITA
9:32.53	DANIELE MORGANTI	ITA	2:29.64	YASUNOBU KUSUDA	JPN	53.69	ROBERT MACKENZIE	USA	2:17.65	MATTHEW MCKAY	USA
9:34.58	SCOTT DARLING	GBR	2:30.43	LUDOVIC DUBOIS	FRA	53.72	FERNANDO SAEZ	BRA	2:18.17	OSAMU ITOI	JPN
9:35.06	INGO NEURATH	GER	2:32.35	D.EGETENMEYER	GER	53.87	R.LOCOCIOLO	ITA	2:18.93	MARCO RUSSO	ITA
9:36.33	LORENZO ALOU	ESP	50 M. FLY			54.48	DARIO CAPIELLO	ITA	2:19.18	EMILIANO ASSANDRI	ITA
1500 M. FREE			24.92	KOHEI KAWAMOTO	JPN	54.99	ANTON ZAYKOV	RUS	2:20.02	R.LOCOCIOLO	ITA
17:53.05	SYLVAIN GOULESQUE	FRA	25.89	P.VAN VEGCHELEN	NED	55.04	KEVIN STEELE	GBR	2:20.89	CHRSTIAN GAUVIN	CAN
18:05.41	DIRK JANSSEN	GER	25.92	THOMAS EHRHARDT	GER	55.04	ANDREA BORSARI	ITA	50 M. BRST		
18:18.10	DIEGO TADDEI	ITA	26.01	JERROD KAPPLER	USA	200 M. FREE			29.77	JEFF COMMINGS	USA
18:21.64	S.BOUGAULT	FRA	26.20	MICHAEL STIRZAKER	GBR	1:56.21	STEVEN MELLOR	GBR	29.93	RAIKO PACHEL	EST
18:27.55	BORIS DUTHOY	FRA	26.25	DANILO NIBALDI	ITA	1:57.98	KLAUS HUEZ	ITA	30.18	SVEN GUSKE	GER
18:33.25	BRIAN FURLONG	USA	26.29	MEMO DIAZ	USA	1:58.29	ANDREA MARCATO	ITA	30.55	YASUHIRO KOMORI	JPN
18:33.38	CURTIS BRENNAN	USA	26.32	HERMAN LOUW	USA	1:58.71	R.LOCOCIOLO	ITA	30.62	TAKASHI HIRAKAWA	JPN
18:39.50	DARCY PAUL	USA	26.36	GREGORIE LARTIGOT	FRA	1:59.25	TADAO INEYAMA	JPN	30.70	JONATHAN BANVILLE	CAN
18:43.03	FLORIAN SCHILLING	GER	26.37	STEFAN LOTZKAT	GER	2:00.51	GLAUCO RANGEL	BRA	30.83	MARCO BOOY	NED
18:46.08	FERDIE WITVOET	NED	100 M. FLY			2:00.55	BENOIT MONPION	FRA	31.10	KEISUKE TERAMOTO	JPN
50 M. BACK			55.69	JASON EADDY	USA	2:00.59	C.BATTISTINI	ITA	31.17	ZOLTAN HORVATH	HUN
27.42	KEITARO KONNAI	JPN	56.00	YUSUKE ISHIGURO	JPN	2:02.13	DARIO CAPIELLO	ITA	31.17	THIERRY GOETZ	FRA
27.63	KENTARO NAKAMURA	JPN	56.99	JEFF MAYNOR	USA	2:02.28	ANDREA BORSARI	ITA	100 M. BRST		
27.69	JONATHAN MILLER	CAN	58.19	THOMAS EHRHARDT	GER	400 M. FREE			1:06.47	RAIKO PACHEL	EST
27.73	TAKUMA YAMAOKA	JPN	58.27	HIROYUKI KOSAKA	JPN	4:09.66	SEBASTIAN WIESE	GER	1:06.96	JEFF COMMINGS	USA
27.80	THORSTEN HERRMANN	GER	58.35	STEFAN LOTZKAT	GER	4:10.66	ANDREA MARCATO	ITA	1:08.41	JONATHAN BANVILLE	CAN
28.21	YOICHI KOBAYASHI	JPN	58.55	MICHAEL STIRZAKER	GBR	4:12.75	STEVEN MELLOR	GBR	1:08.55	JORGE ARIAS	PER
28.38	GORDON REEVES	GBR	58.57	ANDREW MANLEY	GBR	4:22.13	VESELY PETR	CZE	1:08.73	THIERRY GOETZ	FRA
28.70	LUCIANO DAGOSTINI	BRA	58.79	TIM SPIWOKS	GER	4:23.65	UGUR TANER	USA	1:09.33	F.CIVALLERO	ITA
28.89	SCOTT AYER	USA	58.89	YOSHIHISA SUDO	JPN	4:23.70	FABRIZIO LEONARDI	ITA	1:09.50	TAKASHI HIRAKAWA	JPN
28.92	M.QUAGLIANI	ITA	200 M. FLY			4:24.66	YANN CORDIER	FRA	1:09.52	NIGEL MASTERS	GBR
100 M. BACK			2:05.98	JASON EADDY	USA	4:25.55	BLAKE PORCH	USA	1:09.86	MARTIN DOUGLAS	GBR
58.00	JAMES CHADWICK	GBR	2:11.35	TODD DESORBO	USA	4:25.92	NICOLAS DUBREUIL	FRA	1:10.12	JIN FUJITA	JPN
58.97	GARETH LLEWELLYN	GBR	2:13.68	STEFAN LOTZKAT	GER	4:26.11	FLORENT VILLETTE	FRA	200 M. BRST		
59.24	TAKUMA YAMAOKA	JPN	2:16.59	ASUKA KOIZUMI	JPN	800 M. FREE			2:27.74	RAIKO PACHEL	EST
59.46	T.KITASHITA	JPN	2:17.18	NICO KOCH	GER	8:40.78	ANDREA MARCATO	ITA	2:31.58	MARTIN DOUGLAS	GBR
59.68	KENTARO NAKAMURA	JPN	2:17.53	LOIE PILORGET	FRA	8:45.26	SEBASTIAN WIESE	GER	2:31.76	NIGEL MASTERS	GBR



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2:31.78	JONATHAN BANVILLE	CAN	51.98	SVEN LODZIEWSKI	GER	2:15.68	KURT DICKSON	USA	2:14.25	NICOLAS GRANGER	FRA
2:31.84	NARIHITO WAKUI	JPN	52.23	MICHAEL ROSS	USA	2:16.58	NICOLAS GRANGER	FRA	2:15.37	LORENZO BENUCCI	USA
2:34.66	JORGE ARIAS	PER	52.93	JOCHEN BRUHA	GER	2:18.56	ROSS DAVIS	USA	2:16.85	MARK MAGEE	USA
2:35.93	TETSUO IWAKI	JPN	53.99	ANDREA CORSO	ITA	2:18.92	MAURO TORRI	ITA	2:17.40	ALEJANDRO MORENO	MEX
2:36.40	KENICHIRO TSUKUI	JPN	54.27	CRISTIANO BALDINI	ITA	2:20.94	CHRISTOPHER BLACK	USA	2:18.68	A.LAVEGLIA	ITA
2:37.47	CHRIS ROY	USA	54.73	DANIEL VERDAGUER	ESP	2:21.09	WOJTECH BLECHAR	GER	2:19.74	BRENT FOSTER	NZL
2:37.56	MICHAEL NELHAMS	GBR	54.75	TOMMY RUNDGREN	FIN	2:21.72	PETER BERMEI	GER	2:19.99	NYHUS OYVIND	NOR
50 M. FLY			54.99	HARTMUT BERNER	GER	2:22.33	IAIN TEAZ	GBR	2:21.24	BARRY SARETSKY	CAN
25.72	BRIAN JACOBSON	USA	55.05	F.MAGALHAES	BRA	2:23.06	RAVIL NOGUMANOV	RUS	2:21.42	COLIN OVINGTON	GBR
25.74	JEREMY GROSS	USA	55.33	BARRY SARETSKY	CAN	50 M. BRST			2:21.62	MARK RUTLEDGE	USA
25.89	MAKIO ENDO	JPN	200 M. FREE			29.80	NICK GILLINGHAM	GBR	400 M. I.M.		
25.94	MASAKATSU USAMI	JPN	1:55.68	JOCHEN BRUHA	GER	30.78	NYHUS OYVIND	NOR	4:44.27	NICOLAS GRANGER	FRA
26.06	RAZVAN PETCU	USA	1:56.92	MICHAEL ROSS	USA	30.84	ALBERTO MONTINI	ITA	4:50.35	ALEJANDRO MORENO	MEX
26.11	DIKAN RENDIC	USA	1:59.36	DANIEL VERDAGUER	ESP	30.90	ANDREA AGOSTINONE	ITA	4:53.82	MARK MAGEE	USA
26.11	DAMIEN CUCUMEL	FRA	2:00.28	ANDREA CORSO	ITA	31.00	FRANK BAHR	GER	4:55.47	BRENT FOSTER	NZL
26.29	DARIO CAPIELLO	ITA	2:00.74	MATT KELLER	USA	31.08	FABIO CAVALLI	ITA	4:55.57	CHRISTOPHER BLACK	USA
26.35	TAKESHI DANNO	JPN	2:01.02	M.GIALDI	ITA	31.15	SILIO FABBRINI	ITA	4:56.06	A.LAVEGLIA	ITA
26.38	KLAUS HUEZ	ITA	2:01.89	ROSS DAVIS	USA	31.21	R.ARGUELLES	PAN	4:57.44	COLIN OVINGTON	GBR
100 M. FLY			2:02.88	LORENZO BENUCCI	USA	31.31	DMITRIY RUBTSOV	RUS	5:01.49	WOJTECH BLECHAR	GER
56.25	RAZVAN PETCU	USA	2:03.75	A.LAVEGLIA	ITA	31.37	F.SPINADIN	ITA	5:01.50	DANNY FINCH	CAN
57.09	MASAKATSU USAMI	JPN	2:04.51	LAURENT NEUVILLE	FRA	100 M. BRST			5:03.01	MARCO POMPONI	ITA
58.11	LEONARDO GOMES	BRA	400 M. FREE			1:04.73	NICK GILLINGHAM	GBR			
58.31	UGUR TANER	USA	4:12.29	DANIEL VERDAGUER	ESP	1:05.07	ALBERTO MONTINI	ITA	*****		
58.52	KLAUS HUEZ	ITA	4:15.85	NICOLAS GRANGER	FRA	1:09.35	MARK RUTLEDGE	USA	M E N 40-44		
58.72	DARIO CAPIELLO	ITA	4:16.69	MATT KELLER	USA	1:09.48	FABIO CAVALLI	ITA	*****		
58.82	JEREMY GROSS	USA	4:17.40	BENEDIKT NOSS	GER	1:09.48	FRANK BAHR	GER	50 M. FREE		
58.84	STEVEN MELLOR	GBR	4:18.15	MARK MAGEE	USA	1:09.75	EMMANUEL FOUCART	FRA	24.36	JANNE VIRTANEN	FIN
59.10	HIROYUKI NAKAMURA	JPN	4:18.77	ALEJANDRO MORENO	MEX	1:09.86	R.ARGUELLES	PAN	24.54	JOAKIM SJOHOLM	SWE
59.32	HIDEYUKI CHIGIRA	JPN	4:20.31	COLIN OVINGTON	GBR	1:10.02	ANDREY BARZHAK	RUS	24.79	ROBERTO TARRICONE	ITA
200 M. FLY			4:20.90	CHRISTOPHER BLACK	USA	1:10.26	MICHAEL HEIMSOTH	GER	24.80	ZORAN TANSEK	CRO
2:13.37	ANDREA MARCATO	ITA	4:21.70	STEPHEN WILLIS	GBR	1:10.33	LUCA NATALE	ITA	24.84	MARCO COLOMBO	ITA
2:16.76	GERMAN RIECKEHOFF	PUR	4:22.76	MARCO TENDERINI	ITA	200 M. BRST			25.05	FABIO MARCHESI	ITA
2:17.11	GIUSEPPE BANDINU	ITA	800 M. FREE			2:20.29	NICK GILLINGHAM	GBR	25.06	MARCO CONTI	ITA
2:17.35	ANDRE WRASSE	GER	8:49.89	ALEJANDRO MORENO	MEX	2:24.26	ALBERTO MONTINI	ITA	25.19	F.RODRIGUEZ	PER
2:17.82	HIROYUKI NAKAMURA	JPN	8:56.02	BENEDIKT NOSS	GER	2:30.28	R.ARGUELLES	PAN	25.23	MANFRED DANZL	GER
2:18.30	FREDERIC MATHIEU	BEL	8:58.83	DANIEL VERDAGUER	ESP	2:35.04	PETER BERMEI	GER	25.27	STANLEY FUJIMOTO	USA
2:19.19	DAVIDE FERRARA	ITA	8:59.25	CHRISTOPHER BLACK	USA	2:35.09	NEIL KEMP	GBR	25.27	EMERIC MCDONALD	USA
2:19.49	JUSTIN WELBOURN	CAN	8:59.73	MATT KELLER	USA	2:35.19	EMMANUEL FOUCART	FRA	100 M. FREE		
2:19.89	D.HORGAN	ITA	9:00.95	COLIN OVINGTON	GBR	2:35.29	ABRAHAM SOLANO	USA	53.66	JOAKIM SJOHOLM	SWE
2:20.67	JOCHEN BAR	GER	9:03.62	MARCO TENDERINI	ITA	2:35.60	MASSIMO BUSIGNANI	ITA	54.74	KAI DITZEL	GER
200 M. I.M.			9:11.42	E.MANTOVANI	ITA	2:36.93	THOMAS KIPP	GER	54.78	CYRO DELGADO	BRA
2:11.56	ATTILA CZENE	SWE	9:16.16	FRANCIS MAGNAU	FRA	2:37.04	HARALD BUCK	GER	54.84	METELLO SAVINO	ITA
2:13.71	C.BATTISTINI	ITA	9:17.49	A.LAVEGLIA	ITA	50 M. FLY			55.12	STUART CROMARTY	USA
2:16.42	JEFF COMMINGS	USA	1500 M. FREE			25.46	WADE KING	USA	55.13	ALEXEY FILONOV	RUS
2:17.42	R.LOCOCIOLO	ITA	17:20.87	COLIN OVINGTON	GBR	25.49	MICHAEL ROSS	USA	55.33	THOMAS FAHRNER	GER
2:18.03	MARTIN DOUGLAS	GBR	17:21.47	MARCO TENDERINI	ITA	25.78	GABRIELE MAINI	ITA	55.33	STEVE WOOD	USA
2:18.16	Y.NAKAHARA	JPN	17:33.50	BENEDIKT NOSS	GER	25.89	HARTMUT BERNER	GER	55.38	GEOFFREY GLASER	USA
2:18.90	NIGEL MASTERS	GBR	17:35.94	MATT KELLER	USA	25.92	ARTURS YAKOVLEVS	LAT	55.44	ROBERTO CLAUSI	BRA
2:18.96	MATTHIAS MILLERS	GER	17:41.25	TOBIAS LERCH	GER	26.06	BARRY SARETSKY	CAN	200 M. FREE		
2:19.48	DAVID ROYO	ESP	17:45.85	A.LAVEGLIA	ITA	26.48	JOCHEN BRUHA	GER	1:58.50	KAI DITZEL	GER
2:19.65	JOHANN PAPILLON	FRA	18:24.75	STEFAN KAMLAGE	GER	26.62	ANDREA CORSO	ITA	1:58.94	STUART CROMARTY	USA
400 M. I.M.			18:25.95	G.GIOVANNINI	ITA	26.66	AMON EMEKA	USA	2:00.57	MARCO COLOMBO	ITA
4:58.56	R.LOCOCIOLO	ITA	18:26.30	FABRIZIO BORRELLI	ITA	26.69	DEREK ROBINSON	USA	2:01.64	CYRO DELGADO	BRA
4:59.68	ERIK CRANKSHAW	USA	18:27.58	CHRIS MCGIFFIN	USA	26.69	ANDREA TOJA	ITA	2:02.00	B.BORDONALI	ITA
5:00.76	MATTHIAS MILLERS	GER	50 M. BACK			100 M. FLY			2:02.60	ALAIN BELLAGUET	FRA
5:04.00	GLAUCO RANGEL	BRA	27.50	MICHAEL ROSS	USA	56.07	MICHAEL ROSS	USA	2:03.09	DENNIS BAKER	USA
5:04.86	ANDRE WRASSE	GER	27.73	DEREK ROBINSON	USA	57.66	MICHAEL SORENSEN	USA	2:05.14	STEVEN NEWMAN	USA
5:05.23	FUMIAKI MINAMIURA	JPN	28.55	MARCO ORSINI	ITA	58.10	ARTURS YAKOVLEVS	LAT	2:05.29	GRAHAM WELBOURN	CAN
5:05.75	VESELY PETR	CZE	28.74	GIUSEPPE TIANO	ITA	58.57	JOCHEN BRUHA	GER	2:05.91	JEROME LAUDOUAR	FRA
5:05.80	MARCIN WEDLARSKI	USA	28.79	BRUNO ESPOSITO	ITA	58.60	HARTMUT BERNER	GER	400 M. FREE		
5:07.16	D.HORGAN	ITA	29.29	SERGE DINANE	FRA	58.76	ANDREA TOJA	ITA	4:11.55	DENNIS BAKER	USA
5:07.29	CEDRIC LECOMTE	FRA	29.30	THEO JAN TANIS	NED	58.79	ANDREA CORSO	ITA	4:15.71	MICHAEL KLEIBER	GER
			29.42	ANDREA TOJA	ITA	58.85	BARRY SARETSKY	CAN	4:15.78	KAI DITZEL	GER
*****			29.47	SHINTARO NAGASAKI	JPN	59.56	DEREK ROBINSON	USA	4:16.91	MICHAEL PRUFERT	GER
M E N 35-39			29.48	GEORG GUNTHER	GER	59.66	STEVE HILTABIDDLE	USA	4:17.23	STUART CROMARTY	USA
*****			100 M. BACK			59.66	ROSS DAVIS	USA	4:18.66	GEOFFREY GLASER	USA
50 M. FREE			1:00.21	MICHAEL ROSS	USA	200 M. FLY			4:22.75	GERRY RODRIGUES	TRI
23.28	M.GIALDI	ITA	1:00.51	DEREK ROBINSON	USA	2:12.64	A.LAVEGLIA	ITA	4:23.26	CYRO DELGADO	BRA
23.76	SVEN LODZIEWSKI	GER	1:01.91	DARRYL FOLLOWS	NZL	2:13.71	MARK MAGEE	USA	4:24.05	B.BORDONALI	ITA
24.26	TODD PACE	USA	1:02.71	MARCO ORSINI	ITA	2:14.66	ALEJANDRO MORENO	MEX	4:24.21	IGOR VAZHENIN	RUS
24.50	MICHAEL ROSS	USA	1:03.15	GIUSEPPE TIANO	ITA	2:17.00	WOJTECH BLECHAR	GER	800 M. FREE		
24.68	JOCHEN BRUHA	GER	1:03.75	ROSS DAVIS	USA	2:17.02	RAUL JUNIOR	BRA	8:49.76	MICHAEL KLEIBER	GER
24.68	CRISTIANO BALDINI	ITA	1:03.78	THEO JAN TANIS	NED	2:18.37	OLIVIER GALLET	FRA	8:51.45	STUART CROMARTY	USA
24.72	TOMMY RUNDGREN	FIN	1:04.16	ANDREA TOJA	ITA	2:18.43	MICHAEL SORENSEN	USA	8:57.38	MICHAEL PRUFERT	GER
24.78	VLADIMIR PREDKIN	RUS	1:04.26	MAURO TORRI	ITA	2:19.27	ROSS DAVIS	USA	9:02.50	B.BORDONALI	ITA
24.94	MARCO GARSETTI	ITA	1:04.74	KURT DICKSON	USA	2:19.62	TAKASHI SUGISAWA	JPN	9:07.07	GERRY RODRIGUES	TRI
25.00	F.MAGALHAES	BRA	200 M. BACK			2:20.42	FABRIZIO BORRELLI	ITA	9:18.41	RICARDO VALDIVIA	USA
100 M. FREE			2:12.32	DARRYL FOLLOWS	NZL	200 M. I.M.			9:18.54	IGOR VAZHENIN	RUS



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9:21.05	ARNALDO PEREZ	PUR	2:44.24	GARY THOMAS	GBR	57.04	FABRIZIO GRIFFO	ITA	2:29.45	JIRI KYNERA	CZE
9:22.41	CUSTODIO RIBEIRO	BRA	2:44.97	STEVEN CRYER	GBR	57.40	PAUL CARTER	USA	2:29.96	JONATHAN KLEIN	USA
9:22.63	GRAHAM WELBOURN	CAN	50 M. FLY			57.56	DANIEL MACHEK	CZE	2:30.32	PETER STORZNER	RSA
1500 M. FREE			26.01	ROBERTO TARRICONE	ITA	57.64	ALAN BLADES	RSA	2:30.40	DJAN MADRUGA	BRA
16:58.74	MICHAEL PRUFERT	GER	26.74	ALEXEY FILONOV	RUS	58.12	EVGENIY VETYUKOV	RUS	50 M. BRST		
17:26.67	MICHAEL KLEIBER	GER	26.89	TAIHEI SAKA	JPN	200 M. FREE			31.09	GLEN CHRISTIANSEN	SWE
17:33.33	PAOLO CARMINATI	ITA	26.97	RICARDO SANTOS	BRA	2:01.99	BOB BUGG	USA	31.76	MAGNUS FALTMAN	SWE
18:11.62	ALAIN BELLAGUET	FRA	27.11	ROSTISLAV SLECHTA	CZE	2:04.09	DANIEL MACHEK	CZE	32.06	A.O'DRISCOLL	GBR
18:17.01	LEN GUSHE	CAN	27.17	JANNE VIRTANEN	FIN	2:04.18	M.GUARDUCCI	ITA	32.09	OLIVIER BORIOS	FRA
18:19.42	JEAN LUC ROLLAND	FRA	27.20	MICHAEL BRETT	GBR	2:06.24	ALAN BLADES	RSA	32.23	GREGORY OXLEY	USA
18:30.51	GEOFFREY GLASER	USA	27.37	ANDERS RASMUSSEN	USA	2:06.82	JIMMY FURRER	SUI	32.25	RONNY OLTNER	SWE
18:31.47	ANDREW GRISTWOOD	GBR	27.38	ROBIN SCHUIJT	ESP	2:07.90	MARK DRENNEN	USA	32.39	TIMUR PODMAREV	RUS
18:33.69	FRANK GOMOLL	GER	27.40	GREGG PRICE	RSA	2:07.94	JIM CALLAHAN	USA	32.57	ALBERT BOONSTRA	NED
18:36.01	ROB MACKLE	USA	100 M. FLY			2:08.04	PAUL BLACKBEARD	USA	32.61	PHILIP WHITEHEAD	GBR
50 M. BACK			57.97	DENNIS BAKER	USA	2:08.14	KLAUS KALINKE	GER	32.67	TODD DIMSDALE	USA
29.13	STEVE WOOD	USA	58.86	ALEXEY FILONOV	RUS	2:08.23	THOMAS MC CABE	USA	100 M. BRST		
29.35	PETER MCKINNON	CAN	59.46	RICARDO SANTOS	BRA	400 M. FREE			1:10.29	GLEN CHRISTIANSEN	SWE
29.59	ANDERS RASMUSSEN	USA	59.58	ROBERTO TARRICONE	ITA	4:24.84	DANIEL MACHEK	CZE	1:10.77	TIMUR PODMAREV	RUS
29.59	F.RODRIGUEZ	PER	59.68	ROBERTO CLAUSI	BRA	4:26.06	DJAN MADRUGA	BRA	1:11.48	A.O'DRISCOLL	GBR
29.76	ROBERTO TARRICONE	ITA	1:00.80	DANILO VICIOSO	DOM	4:26.73	JIMMY FURRER	SUI	1:12.44	RONNY OLTNER	SWE
29.79	ROBIN SCHUIJT	ESP	1:01.00	STEVE STOTHERS	CAN	4:27.17	MARK DRENNEN	USA	1:12.73	TODD DIMSDALE	USA
29.80	PAOLO FELOTTI	ITA	1:01.60	TORBJORN WOLFFRAM	SWE	4:28.43	BRETT PHILLIPS	USA	1:12.96	MAGNUS FALTMAN	SWE
29.87	MARKUS FOLLMAN	GER	1:01.87	ANDERS RASMUSSEN	USA	4:29.02	JIM CALLAHAN	USA	1:13.25	OLIVIER BORIOS	FRA
29.89	MAMORU KAZAHAYA	JPN	1:02.03	MICHAEL SCHMIDT	USA	4:31.13	ALAN BLADES	RSA	1:13.30	PATRICK ALLENDER	USA
29.89	BRAD WELLS	USA	200 M. FLY			4:32.80	ERIC EMINENTE	FRA	1:13.57	GREGORY OXLEY	USA
100 M. BACK			2:05.55	DENNIS BAKER	USA	4:32.85	KEITH BERRYHILL	USA	1:13.58	KEITH HOFFMAN	USA
1:03.66	PETER MCKINNON	CAN	2:15.18	A.TIBERTI	ITA	4:33.74	THOMAS MC CABE	USA	200 M. BRST		
1:03.75	STEVE WOOD	USA	2:16.89	DAMIANO NANETTI	ITA	800 M. FREE			2:36.37	TIMUR PODMAREV	RUS
1:04.57	MARTIN FENNER	GBR	2:19.36	MICHAEL KLEIBER	GER	9:03.54	DANIEL MACHEK	CZE	2:36.71	GLEN CHRISTIANSEN	SWE
1:04.62	ROBIN SCHUIJT	ESP	2:20.68	DANILO VICIOSO	DOM	9:08.34	MARK DRENNEN	USA	2:39.63	A.O'DRISCOLL	GBR
1:04.63	BRAD WELLS	USA	2:20.73	ROBERTO CLAUSI	BRA	9:14.98	STEFANO SEGUITI	ITA	2:40.12	PATRICK ALLENDER	USA
1:04.78	PAOLO FELOTTI	ITA	2:21.17	MICHAEL PRUFERT	GER	9:15.83	JIMMY FURRER	SUI	2:40.87	BARRY O'BRIEN	GBR
1:04.94	LEN GUSHE	CAN	2:21.75	DETLEV MAAS	GER	9:19.82	KLAUS ECKHOF	AUS	2:41.39	SERGEY MOLODIN	RUS
1:05.39	BRIAN JOHNSON	CAN	2:22.17	ALAIN BELLAGUET	FRA	9:25.63	JIM CALLAHAN	USA	2:42.98	HAJIME SHIMURA	JPN
1:05.90	MICHAEL BRETT	GBR	2:22.85	IGOR VAZHENIN	RUS	9:32.41	DJAN MADRUGA	BRA	2:43.72	PETER KAUCH	GER
1:05.97	THOMAS DOCKHORN	GER	200 M. I.M.			9:33.28	SIMON VEALE	GBR	2:44.16	RONNY OLTNER	SWE
200 M. BACK			2:15.10	JENS-PETER BERNDT	USA	9:35.25	BRETT PHILLIPS	USA	2:45.82	BENN DOYLE	USA
2:17.32	JENS-PETER BERNDT	USA	2:18.08	ANDERS RASMUSSEN	USA	9:39.70	LINCOLN DJANG	USA	50 M. FLY		
2:18.53	LEN GUSHE	CAN	2:18.55	A.TIBERTI	ITA	1500 M. FREE			26.79	PAUL CARTER	USA
2:21.57	MARTIN FENNER	GBR	2:19.77	J.ANDRE MELLADO	FRA	17:32.81	JIMMY FURRER	SUI	27.24	FABIO BERNARDI	ITA
2:21.84	PAOLO CARMINATI	ITA	2:20.11	PAOLO CARMINATI	ITA	17:38.94	MARK DRENNEN	USA	27.27	MARIO LLORET	ESP
2:21.88	THOMAS DOCKHORN	GER	2:20.33	JEROME LAUDOUAR	FRA	17:47.47	STEFANO SEGUITI	ITA	27.27	R.GAMBOA	VEN
2:23.70	PETER MCKINNON	CAN	2:20.47	STUART CROMARTY	USA	17:49.09	BRETT PHILLIPS	USA	27.44	PAUL MORRIS	GBR
2:23.88	ROBIN SCHUIJT	ESP	2:20.51	BRIAN JOHNSON	CAN	18:00.48	KEITH BERRYHILL	USA	27.46	WILLIAM SPECHT	USA
2:24.64	BRAD WELLS	USA	2:20.72	ROBERTO CLAUSI	BRA	18:20.40	ALEXEI ZVEREV	GER	27.64	GARY SCHATZ	USA
2:25.31	N.LECHEVALIER	FRA	2:20.89	REED DUNNE	USA	18:20.61	ROB COPELAND	USA	27.83	THOMAS MC CABE	USA
2:25.51	HECTOR CHAO	USA	400 M. I.M.			18:35.70	MATTHEW KANZLER	USA	27.91	ROBERT GOLDBLOOM	USA
50 M. BRST			4:49.75	DENNIS BAKER	USA	18:41.46	MARC JOUANDON	FRA	27.98	DJAN MADRUGA	BRA
30.52	MARCO BOBBIO	ITA	4:53.24	JENS-PETER BERNDT	USA	18:47.44	ANDY SALTZMAN	USA	100 M. FLY		
30.54	ROBERTO TARRICONE	ITA	4:53.39	A.TIBERTI	ITA	50 M. BACK			57.61	PAUL CARTER	USA
31.16	DAVID GUTHRIE	USA	4:57.60	PAOLO CARMINATI	ITA	29.25	FRITZ LEHMAN	USA	59.60	WILLIAM SPECHT	USA
31.28	F.RODRIGUEZ	PER	4:59.34	B.BORDONALI	ITA	30.14	SCOTT SHAKE	USA	1:00.99	FABIO BERNARDI	ITA
31.52	THOMAS LIGL	GER	5:07.95	DANILO VICIOSO	DOM	30.30	R.GAMBOA	VEN	1:01.48	SERGII FESENKO	UKR
31.82	BRIAN HASEGAWA	CAN	5:08.87	MICHAEL KLEIBER	GER	30.33	PETER STORZNER	RSA	1:01.58	PAUL BLACKBEARD	USA
31.84	CHRIS WEISSMAN	USA	5:09.03	ARNALDO PEREZ	PUR	30.42	WILLIAM SPECHT	USA	1:01.87	PAUL MORRIS	GBR
31.95	J.ANDRE MELLADO	FRA	5:09.76	MARCUS MATTIOLI	BRA	30.46	IGOR KRAVKOV	ISR	1:02.29	MICHAL BARES	CZE
32.06	PER NORLIN	SWE	5:14.72	SYLVAIN BARALE	FRA	30.64	MARIO LLORET	ESP	1:02.39	THOMAS MC CABE	USA
32.08	DEAN PUTTERMAN	USA				30.89	ISTVAN MARTON	HUN	1:02.79	EVGENIY VETYUKOV	RUS
100 M. BRST						30.90	SALVATORE NANIA	ITA	1:03.23	DJAN MADRUGA	BRA
1:09.54	DAVID GUTHRIE	USA				31.00	G.BERTOLI	ITA	200 M. FLY		
1:09.96	THOMAS LIGL	GER				100 M. BACK			2:12.89	WILLIAM SPECHT	USA
1:10.22	MARCO BOBBIO	ITA	50 M. FREE			1:04.45	FRITZ LEHMAN	USA	2:21.80	HUGO BREGMAN	NED
1:10.57	CHRIS WEISSMAN	USA	24.26	BRENT BARNES	JPN	1:05.45	SCOTT SHAKE	USA	2:24.20	RINAT GILYAZOV	RUS
1:11.65	J.ANDRE MELLADO	FRA	24.94	LARRY FORSYTH	AUS	1:05.59	PETER STORZNER	RSA	2:25.38	MATTHEW KANZLER	USA
1:12.20	TADASHI FUJIMOTO	JPN	25.15	GARY SCHATZ	USA	1:06.74	WILLIAM SPECHT	USA	2:27.10	ALAN BLADES	RSA
1:12.70	BRIAN HASEGAWA	CAN	25.44	M.GUARDUCCI	ITA	1:06.80	WIESLAW MUSIAL	CAN	2:27.49	JIMMY FURRER	SUI
1:12.72	GIANLUCA GRIGNANI	ITA	25.67	PAUL BLACKBEARD	USA	1:07.00	G.BERTOLI	ITA	2:27.77	LAJOS HEGEDUES	HUN
1:12.77	YASUO NARUSHIMA	JPN	25.69	FABRIZIO GRIFFO	ITA	1:07.09	ISTVAN MARTON	HUN	2:28.28	FABIO BERNARDI	ITA
1:13.11	RENATO POSSANZINI	ITA	25.75	ALBERT BOONSTRA	NED	1:07.57	BOB BUGG	USA	2:29.45	GLEN CHRISTIANSEN	SWE
200 M. BRST			25.75	EVGENIY VETYUKOV	RUS	1:08.05	JONATHAN KLEIN	USA	2:29.66	ALEXEI ZVEREV	GER
2:31.62	DAVID GUTHRIE	USA	25.88	BRUNO SOULAS	FRA	1:08.57	PHILIP ARCUNI	USA	200 M. I.M.		
2:36.26	J.ANDRE MELLADO	FRA	26.11	JOHN STACPOOLE	AUS	200 M. BACK			2:18.61	SERGII FESENKO	UKR
2:36.51	THOMAS LIGL	GER	100 M. FREE			2:21.87	SCOTT SHAKE	USA	2:22.83	SERGEY MOLODIN	RUS
2:40.09	YASUO NARUSHIMA	JPN	55.67	LARRY FORSYTH	AUS	2:22.92	WIESLAW MUSIAL	CAN	2:23.06	DJAN MADRUGA	BRA
2:40.91	KAZUNORI UEMURA	JPN	55.70	M.GUARDUCCI	ITA	2:24.27	BOB BUGG	USA	2:24.11	PAUL CARTER	USA
2:42.22	ALESSANDRO SOLE	ITA	56.31	BOB BUGG	USA	2:25.05	G.BERTOLI	ITA	2:24.45	SALVATORE NANIA	ITA
2:42.32	RENATO POSSANZINI	ITA	56.54	PAUL BLACKBEARD	USA	2:25.06	LINCOLN DJANG	USA	2:24.67	LINCOLN DJANG	USA
2:43.27	MARK ELLIOTT	GBR	56.79	BRUNO SOULAS	FRA	2:25.61	FRITZ LEHMAN	USA	2:25.11	SIMON VEALE	GBR



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2:25.36	TIMUR PODMAREV	RUS	18:59.51	RICK WALKER	USA	28.11	ROBERT HANSEN	USA	2:13.64	SVEN VON HOLST	SWE
2:25.98	ALEXEI ZVEREV	GER	19:07.19	JIM CLEMMONS	USA	28.26	ERNST DENZER	GER	2:14.68	GRAHAM CROFT	AUS
2:26.46	SCOTT SHAKE	USA	19:08.50	G.SCARMEL	ITA	28.48	SCOTT LAUTMAN	USA	2:14.88	HOMER LANE	USA
400 M. I.M.			19:16.68	RICHARD PHILLIPS	USA	28.53	E.DENZER	GER	2:15.52	JAMES DE LACY	USA
4:59.83	DJAN MADRUGA	BRA	19:20.97	J.CLAUDE CHATARD	FRA	28.57	RENE PLAESCHKE	GER	2:16.74	DUNCAN MCCREADIE	GBR
5:04.27	MICHAL BARES	CZE	19:22.75	BILL PENN	USA	100 M. FLY			2:19.03	MOSHE GERTTEL	ISR
5:04.67	LINCOLN DJANG	USA	50 M. BACK			59.49	TRIP HEDRICK	USA	2:19.06	CHRIS DUNN	GBR
5:10.57	MARK DRENNEN	USA	29.81	TOM WOLF	USA	1:01.43	JOHN VAN BUUREN	CAN	2:19.36	FRANK HESBACHER	GER
5:11.37	SCOTT SHAKE	USA	29.95	JOHN VAN BUUREN	CAN	1:01.99	GREG SHAW	USA	400 M. FREE		
5:11.62	SERGEY MOLODIN	RUS	30.94	CASEY CLAFLIN	USA	1:02.04	SCOTT LAUTMAN	USA	4:42.22	TOD SPIEKER	USA
5:11.71	JIMMY FURRER	SUI	31.26	TREVOR CLARK	GBR	1:03.37	JOHN MCCALL	USA	4:50.11	SVEN VON HOLST	SWE
5:13.30	SIMON VEALE	GBR	31.26	DONALD GRAHAM	USA	1:03.61	RICHARD HESS	USA	4:51.68	GRAHAM CROFT	AUS
5:15.66	JIM CALLAHAN	USA	31.30	GREG SHAW	USA	1:04.54	DONALD GRAHAM	USA	4:52.80	DUNCAN MCCREADIE	GBR
5:16.63	LAJOS HEGEDUES	HUN	31.36	PHILLIPP DJANG	USA	1:05.04	JOHN CRAIG	USA	4:56.86	MOSHE GERTTEL	ISR
*****			31.55	TRIP HEDRICK	USA	1:05.05	ERNST DENZER	GER	4:58.96	STEPHEN JOHNSON	USA
M E N 50-54			31.94	DAVID HEFNER	USA	1:05.49	STEVEN PRESCOTT	NZL	5:00.36	ANDY WILSON	GBR
*****			32.07	TIM SHEAD	RSA	200 M. FLY			5:00.99	D.UIJTENBOGAART	NED
50 M. FREE			100 M. BACK			2:21.40	SCOTT LAUTMAN	USA	5:01.22	TERRY DOWNES	RSA
24.89	JACK GROSELLE	USA	1:04.83	TOM WOLF	USA	2:33.37	TAKEO HIRAMOTO	JPN	5:01.52	CHRIS DUNN	GBR
25.09	TRIP HEDRICK	USA	1:06.91	JOHN VAN BUUREN	CAN	2:33.91	THOMAS BLISS	USA	800 M. FREE		
25.92	LARRY KRAUSER	USA	1:09.25	TIMOTHY SHEAD	RSA	2:34.72	ANDREAS BOLDT	GER	9:47.12	TOD SPIEKER	USA
25.98	RICHARD HESS	USA	1:09.34	EDDIE RIACH	GBR	2:35.35	TOM WOLF	USA	10:12.33	D.UIJTENBOGAART	NED
26.45	GREG SHAW	USA	1:09.34	PHILLIPP DJANG	USA	2:35.94	STEVEN PRESCOTT	NZL	10:14.08	GRAHAM CROFT	AUS
26.48	ERIC VAN BOER	USA	1:09.39	F FERROGGIARO	USA	2:39.17	ERNST DENZER	GER	10:16.10	GARY BRENNER	USA
26.51	RICHARD FAULDING	NZL	1:09.90	CASEY CLAFLIN	USA	2:39.42	ROBERT DI TOLLA	USA	10:19.68	STEPHEN JOHNSON	USA
26.54	HIROYUKI AMAZAKI	JPN	1:09.94	PAUL WHITE	USA	2:41.79	TREVOR CLARK	GBR	10:20.09	DUNCAN MCCREADIE	GBR
26.54	RENE PLAESCHKE	GER	1:10.41	JEFFREY PEROUT	USA	2:42.02	DAVE DICKSON	CAN	10:28.04	MICHAEL FOX	USA
26.75	TIM SHEAD	RSA	1:10.50	MARK PUGLIESE	USA	200 M. I.M.			10:31.35	ANDY WILSON	GBR
100 M. FREE			2:23.06	LORENZO MARUGO	ITA	2:23.88	TOM WOLF	USA	10:34.40	GAARD ARNESON	USA
54.93	JACK GROSELLE	USA	2:20.51	TOM WOLF	USA	2:27.39	GREG SHAW	USA	10:44.59	BOB COUCH	USA
55.41	TRIP HEDRICK	USA	2:27.31	F FERROGGIARO	USA	2:27.73	JOHN VAN BUUREN	CAN	1500 M. FREE		
56.37	JOHN VAN BUUREN	CAN	2:29.22	JIM ADAMS	NED	2:27.95	JOHN VAN BUUREN	CAN	18:57.38	R TOD SPIEKER	USA
57.83	RICHARD HESS	USA	2:30.54	THOMAS BLISS	USA	2:28.61	TIMOTHY SHEAD	RSA	19:25.15	D.UIJTENBOGAART	NED
58.06	LARRY KRAUSER	USA	2:31.20	PHILLIPP DJANG	USA	2:28.92	ROB WEYHENKE	NED	20:28.17	JEAN CLAUDE FAURE	FRA
58.35	RENE PLAESCHKE	GER	2:31.86	EDDIE RIACH	GBR	2:29.08	THOMAS BLISS	USA	21:12.10	RICHARD SMITH	USA
58.57	BRADFORD GANDEE	USA	2:31.88	ETTORE BOSCHETTI	ITA	2:29.08	CELSE JUGEND	BRA	21:16.29	GRAHAM CROFT	AUS
58.72	LEE MENCH	USA	2:34.44	PAUL WHITE	USA	2:29.40	ALEXANDER MILLS	NOR	21:20.38	GARY BRENNER	USA
59.57	ERNST DENZER	GER	2:34.53	ROB WEYHENKE	NED	2:30.13	DONALD GILCHRIST	USA	21:23.15	PETER SUBA	AUS
59.60	GREG SHAW	USA	2:35.89	JOHN MARCH	CAN	400 M. I.M.			21:31.40	PATRICK DEVINE	AUS
200 M. FREE			50 M. BRST			5:03.27	LORENZO MARUGO	ITA	21:42.23	MARC ANDERSON	USA
2:03.66	JACK GROSELLE	USA	32.20	JACK GROSELLE	USA	5:17.34	ALEXANDER MILLS	NOR	21:59.03	TONY CATTERALL	GBR
2:06.93	LARRY KRAUSER	USA	32.77	TIMOTHY SHEAD	RSA	5:21.94	THOMAS BLISS	USA	50 M. BACK		
2:09.13	LARRY WOOD	USA	33.18	A.BATISTSEV	EST	5:25.14	GREG SHAW	USA	30.78	HUGH WILDER	USA
2:09.67	BRADFORD GANDEE	USA	33.41	DOUGLAS RYERSON	USA	5:26.27	CELSE JUGEND	BRA	31.94	TOM GEIMAN	USA
2:10.75	PHIL DODSON	USA	33.74	NEVILLE BARTON	GBR	5:27.62	LARRY WOOD	USA	32.75	JOSE LORO	BRA
2:11.75	JOHN HUGHES	USA	33.85	TONY CAWOOD	RSA	5:32.44	DONALD GILCHRIST	USA	32.82	J.LESTIDEAU	FRA
2:11.79	DAVID OATES	USA	34.09	JOHN HARKER	GBR	5:32.83	TIM SHEAD	RSA	33.02	GHARIB ATTEYA	EGY
2:12.03	ROBERT HANSEN	USA	34.21	C.STARZEC	FRA	5:34.24	JOHN MCCALL	USA	33.41	BRUCE HUTTON	AUS
2:12.25	LEE MENCH	USA	34.34	DAVID ELLWANGER	USA	5:37.21	TYRONE TOZER	RSA	33.41	HOMER LANE	USA
2:12.28	CRAIG STEVENS	USA	34.38	HARTMUT HUMMEL	GER	*****			33.89	JOSEPH JACKSON	GBR
400 M. FREE			100 M. BRST			*****			34.26	HUBIE KERNS	USA
4:35.95	LARRY KRAUSER	USA	1:11.49	JACK GROSELLE	USA	M E N 55-59			34.27	STEVEN HECK	USA
4:37.62	J.CLAUDE CHATARD	FRA	1:13.58	TIMOTHY SHEAD	RSA	*****			100 M. BACK		
4:39.51	SCOTT LAUTMAN	USA	1:14.98	A.BATISTSEV	EST	50 M. FREE			1:08.16	HUGH WILDER	USA
4:42.01	LEE MENCH	USA	1:15.25	JOHN HARKER	GBR	26.04	TERRY DOWNES	RSA	1:11.04	TERRY DOWNES	RSA
4:42.75	JOHN HUGHES	USA	1:15.84	NEVILLE BARTON	GBR	26.15	TOM GEIMAN	USA	1:13.35	JOSE LORO	BRA
4:42.75	G.SCARMEL	ITA	1:16.26	JURGEN KONNEKER	GER	26.90	JOHN LIRON	FRA	1:13.52	GHARIB ATTEYA	EGY
4:43.26	LARRY WOOD	USA	1:16.92	DOUGLAS RYERSON	USA	27.00	GRAHAM CROFT	AUS	1:14.52	HUBIE KERNS	USA
4:43.58	TYRONE TOZER	RSA	1:17.08	JOHN PEARSON	GBR	27.32	HOMER LANE	USA	1:15.02	EBBE RASMUSSEN	DEN
4:44.38	PHIL DODSON	USA	1:17.46	WILLIAM REID	GBR	27.40	JAMES DE LACY	USA	1:15.47	FRANK WARNER	USA
4:45.05	R SCOTT TOWNSEND	USA	1:17.96	C.STARZEC	FRA	27.64	JON SHASTID	USA	1:15.85	HOMER LANE	USA
800 M. FREE			200 M. BRST			27.74	STEVEN HECK	USA	1:16.39	IVAN MYALL	GBR
9:14.23	LORENZO MARUGO	ITA	2:35.08	LORENZO MARUGO	ITA	27.79	GEOFFREY FERREIRA	TRI	1:16.44	STEVE HECK	USA
9:34.33	J.CLAUDE CHATARD	FRA	2:45.62	TIMOTHY SHEAD	RSA	27.87	JOHN PORTER	AUS	200 M. BACK		
9:37.69	LARRY WOOD	USA	2:48.51	A.BATISTSEV	EST	100 M. FREE			2:34.55	TOD SPIEKER	USA
9:37.74	LARRY KRAUSER	USA	2:48.83	WILLIAM REID	GBR	58.43	TOM GEIMAN	USA	2:36.23	TERRY DOWNES	RSA
9:45.16	R SCOTT TOWNSEND	USA	2:50.36	TAKEO HIRAMOTO	JPN	58.43	TERRY DOWNES	RSA	2:38.55	HUGH WILDER	USA
9:45.51	G.SCARMEL	ITA	2:50.68	JOHN PEARSON	GBR	59.42	GRAHAM CROFT	AUS	2:39.99	JOSE LORO	BRA
9:47.47	JOHN HUGHES	USA	2:51.22	DOUGLAS RYERSON	USA	1:00.11	HOMER LANE	USA	2:41.27	IVAN MYALL	GBR
9:48.91	TYRONE TOZER	RSA	2:52.61	DONALD GILCHRIST	USA	1:00.18	JAMES DE LACY	USA	2:44.33	FRANK WARNER	USA
9:58.16	STEVEN PRESCOTT	NZL	2:52.76	JOHN TEMPLIN	USA	1:01.85	JOHN WYNBERG	AUS	2:45.98	ARNALDO COLETTI	ITA
10:03.01	JAMES SWEENEY	USA	2:52.84	LANG MEEM	USA	1:02.25	SVEN VON HOLST	SWE	2:46.14	JOHN FOSKETT	GBR
1500 M. FREE			50 M. FLY			1:02.46	GLENN WOODSUM	USA	2:47.33	EBBE RASMUSSEN	DEN
17:52.24	LORENZO MARUGO	ITA	26.23	TRIP HEDRICK	USA	1:02.54	FRANK HESBACHER	GER	2:49.21	JEAN LESTIDEAU	FRA
18:31.35	LARRY KRAUSER	USA	27.39	JOHN VAN BUUREN	CAN	1:02.56	STEVEN HECK	USA	50 M. BRST		
18:40.09	STEVEN PRESCOTT	NZL	27.64	DAVID HAGUE	USA	200 M. FREE			34.63	JACQUES SICOT	FRA
18:57.14	SCOTT LAUTMAN	USA	27.80	RICHARD HESS	USA	2:10.90	TERRY DOWNES	RSA	34.74	ALLEN STARK	USA
			28.05	DONALD GRAHAM	USA	2:13.22	TOD SPIEKER	USA	35.10	YOSHITADA MAEDA	JPN



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35.24	JOHN LIRON	FRA	6:00.66	STEVE HECK	USA	33.08	JOZSEF CSIKANY	HUN	1:07.09	ROBERT POILETMAN	USA
35.33	CLAY KOLAR	USA	6:03.30	BOB COUCH	USA	33.65	RICHARD ALEXANDER	USA	1:08.93	JOSEP CLARET	ESP
35.37	ROD CARGILL	USA	6:03.86	GAARD ARNESON	USA	33.97	LUCIEN GAUCHE	FRA	1:10.64	DEREK PARR	GBR
35.43	JOHN DERR	USA	6:04.24	ANDY WILSON	GBR	34.12	LUIZ FIGUEIREDO	BRA	1:11.37	C MUTER	USA
35.44	DANIEL ROGACKI	USA	6:04.98	WALDYR RAMOS	BRA	34.40	DAVID QUIGGIN	USA	1:11.77	BERND SCHRODER	GER
35.48	LEON BOBAKO	AUS	6:09.63	RICHARD SMITH	USA	34.59	FRANS VAN ENST	NED	1:12.22	KOJI IWAMOTO	JPN
35.64	PETER BALASY	HUN				34.62	HIROSHI NONAKA	JPN	1:13.87	RICHARD KITCHELL	USA
100 M. BRST			*****			35.12	VINUS VAN BAALEN	CAN	1:14.07	DONALD MCINTOSH	USA
1:17.97	ALLEN STARK	USA		M E N 60-64		35.48	MIKLOS KOVATS	HUN	1:15.64	TOMOYASU IIDA	JPN
1:18.37	JOHN DERR	USA	*****			35.51	YOSHIKATSU SAWADA	JPN	1:15.87	RUDOLF SMERDA	CZE
1:19.64	JACQUES SICOT	FRA	50 M. FREE			35.51	MASAO KIJIMA	JPN	200 M. FLY		
1:19.68	ALBERTO SICA	ITA	27.60	DAVID QUIGGIN	USA	100 M. BACK			2:40.30	ROBERT POILETMAN	USA
1:20.16	NIKOLAI KULAKOV	RUS	27.73	JIM DRAGON	USA	1:14.39	JOZSEF CSIKANY	HUN	2:48.64	DEREK PARR	GBR
1:20.17	ROD CARGILL	USA	27.84	ROBERT OLSON	USA	1:16.47	LUCIEN GAUCHE	FRA	2:54.29	VICTOR PAUL	AUS
1:20.59	PETER BALASY	HUN	28.07	IAN SMITH	CAN	1:17.36	DONALD MCINTOSH	USA	2:55.98	RICHARD KITCHELL	USA
1:20.60	CLAY KOLAR	USA	28.23	VINUS VAN BAALEN	CAN	1:17.75	RICHARD ALEXANDER	USA	2:57.10	KOJI IWAMOTO	JPN
1:20.79	DANIEL ROGACKI	USA	28.28	ROLF GITTER	GER	1:18.68	HIROSHI NONAKA	JPN	3:03.02	WILLIAM MUTER	USA
1:21.03	MANFRED ZEHR	GER	28.41	PETER ANDERSEN	USA	1:18.76	FRANS VAN ENST	NED	3:03.35	YASUTAKA KOIKE	JPN
200 M. BRST			28.54	ALAIN CARDONA	FRA	1:19.23	VINUS VAN BAALEN	CAN	3:04.64	HELMUT BEER	GER
2:53.86	ALLEN STARK	USA	28.73	FRANCO SOLTANI	ITA	1:19.28	E.FERNANDEZ	MEX	3:05.01	DETLEV HENSCHES	GER
2:54.08	JOHN DERR	USA	28.78	RUDOLF SMERDA	CZE	1:19.33	LUIZ FIGUEIREDO	BRA	3:06.16	ROB HANOU	NED
2:54.93	ROY BURTON	AUS	100 M. FREE			1:19.79	MASAO KIJIMA	JPN	200 M. I.M.		
2:59.23	DANIEL ROGACKI	USA	1:00.27	DAVID QUIGGIN	USA	200 M. BACK			2:42.09	WILLIAM MUTER	USA
3:00.67	ALBERTO SICA	ITA	1:03.26	IAN SMITH	CAN	2:43.67	JOZSEF CSIKANY	HUN	2:42.36	JURGEN ALTENHOFEN	GER
3:01.07	NIKOLAI KULAKOV	RUS	1:03.53	KUNIHIRO IWASAKI	JPN	2:44.80	DONALD MCINTOSH	USA	2:45.40	GIAMPIERO FOSSATI	ITA
3:01.60	SHINJI OMIGAWA	JPN	1:03.75	RUDOLF SMERDA	CZE	2:48.22	LUCIEN GAUCHE	FRA	2:49.35	KENNETH FROST	USA
3:02.57	HUBIE KERNS	USA	1:04.49	WILLIE WILSON	RSA	2:50.76	BERND HORSTMANN	GER	2:49.52	SANDY GALLETTY	USA
3:02.58	DAVE GEMMILL	USA	1:04.63	VINUS VAN BAALEN	CAN	2:57.44	E.FERNANDEZ	MEX	2:50.57	KUNIHIRO IWASAKI	JPN
3:02.63	MANFRED ZEHR	GER	1:04.97	ROBERT OLSON	USA	2:57.66	LUIZ FIGUEIREDO	BRA	2:51.11	MIKE FRESHLEY	USA
50 M. FLY			1:05.38	JOSEP CLARET	ESP	2:58.00	DAVID LANGLEY	GBR	2:53.48	VICTOR PAUL	AUS
28.69	TOM GEIMAN	USA	1:05.66	ALAIN CARDONA	FRA	2:58.83	MASAO KIJIMA	JPN	2:54.01	JAMES PELISSIER	USA
28.81	GEOFFREY FERREIRA	TRI	1:05.70	TONY CHERRINGTON	GBR	3:00.02	GERARDO STEUDEL	ESP	2:54.23	KIMBALL BERNARD	USA
29.33	JAMES DE LACY	USA	1:05.70	DAVID BOYLSON	AUS	3:00.37	FRANS VAN ENST	NED	400 M. I.M.		
29.44	SHIGEO ASANO	JPN	200 M. FREE			50 M. BRST			5:46.59	GIAMPIERO FOSSATI	ITA
29.52	HUGH WILDER	USA	2:21.30	DAVID QUIGGIN	USA	35.36	PETER ANDERSEN	USA	5:52.27	GERSHON SHEFA	ISR
29.69	KIERAN KELLEHER	ITA	2:23.15	DONALD MCINTOSH	USA	35.69	KENNETH FROST	USA	5:52.75	JURGEN ALTENHOFEN	GER
30.01	JOHN DERR	USA	2:24.50	RUDOLF SMERDA	CZE	35.85	ALBERT KOSTITSIN	FIN	5:58.50	SANDY GALLETTY	USA
30.02	STEVEN HECK	USA	2:25.45	GUIDO BAUDI	ITA	35.91	OSAMU MAEDA	JPN	6:06.99	VICTOR PAUL	AUS
30.09	JON SHASTID	USA	2:25.48	SANDY GALLETTY	GBR	35.94	JIM DRAGON	USA	6:11.32	WILLIAM MUTER	USA
30.22	SADAO SAJIKI	JPN	2:25.85	WILLIE WILSON	RSA	36.14	SCOTT GUTHRIE	USA	6:16.80	MASAO KIJIMA	JPN
100 M. FLY			2:27.48	TONY CHERRINGTON	GBR	36.41	E.KIRJAVAINEN	FIN	6:17.42	ROB HANOU	NED
1:05.16	SHIGEO ASANO	JPN	2:28.00	KUNIHIRO IWASAKI	JPN	36.44	KIMBALL BERNARD	USA	6:21.02	HELMUT BEER	GER
1:06.89	TOM GEIMAN	USA	2:28.51	DON DAVIS	USA	36.60	GERSHON SHEFA	ISR	6:22.46	MIKE FRESHLEY	USA
1:09.00	JOEL BURNS	USA	2:28.62	VICTOR PAUL	AUS	36.74	RAINER OPITZ	GER			
1:09.48	SVEN VON HOLST	SWE	400 M. FREE			100 M. BRST			*****		
1:09.58	KIERAN KELLEHER	IRL	5:02.66	SANDY GALLETTY	GBR	1:19.12	KENNETH FROST	USA		M E N 65-69	
1:09.80	GABOR CSABA	HUN	5:09.25	L.BELLUZZO	ITA	1:20.30	ALBERT KOSTITSIN	FIN	*****		
1:09.86	HORST LEHMANN	GER	5:12.82	KUNIHIRO IWASAKI	JPN	1:21.06	DAVID GILDEA	USA	50 M. FREE		
1:10.29	JAMES DE LACY	USA	5:13.78	GUIDO BAUDI	ITA	1:21.54	RAINER OPITZ	GER	28.61	DIETER SEIFERT	GER
1:10.50	FRED BAIRD	USA	5:14.66	C MUTER	USA	1:22.75	KIMBALL BERNARD	USA	28.63	PETER BERGENGREN	SWE
1:10.79	GEOFFREY FERREIRA	TRI	5:15.24	LUCIANO CAMMELLI	ITA	1:22.76	PETER ANDERSEN	USA	29.33	JOHN TENNANT	GBR
200 M. FLY			5:16.13	RUDOLF SMERDA	CZE	1:23.55	PAVEL PEJSA	CZE	29.36	JERRY CLARK	USA
2:37.59	SHIGEO ASANO	JPN	5:21.64	WILLIE WILSON	RSA	1:23.67	THOMAS BOAK	GER	29.39	HELMUT RICHTER	GER
2:44.48	GABOR CSABA	HUN	5:21.94	DON DAVIS	USA	1:23.98	PERTTI LAAKSONEN	FIN	29.75	DAVID PAINTER	USA
2:49.46	INGO BRAULER	GER	5:24.10	MARIO PATERNI	ITA	1:24.21	JAMES PELISSIER	USA	29.78	BOB BAILIE	USA
2:52.90	JEAN CLAUDE FAURE	FRA	800 M. FREE			200 M. BRST			29.80	MASATO YOSHINO	JPN
2:54.72	D.VIJTENBOGAART	NED	10:22.46	SANDY GALLETTY	GBR	2:55.26	GERSHON SHEFA	ISR	29.95	MASAMI TATEISHI	JPN
2:56.61	TONY O BRIEN	IRL	10:36.64	MARIO PATERNI	ITA	2:55.55	KENNETH FROST	USA	30.20	JAMES KRUEGER	USA
2:57.00	PAULO MOTTA	BRA	10:47.02	L.BELLUZZO	ITA	2:58.94	JURGEN ALTENHOFEN	GER	100 M. FREE		
2:58.81	GAARD ARNESON	USA	10:55.13	VICTOR PAUL	AUS	3:00.54	DAVID GILDEA	USA	1:04.47	MASATO YOSHINO	JPN
2:59.36	HUBERT HEINTZ	FRA	11:16.99	DEREK PARR	GBR	3:00.84	J.ALTENHOFEN	GER	1:06.48	PETER BERGENGREN	SWE
2:59.37	HERBERT LANGE	GER	11:17.13	ALBERTO MURILLO	ESP	3:04.41	RAINER OPITZ	GER	1:06.91	HELMUT RICHTER	GER
200 M. I.M.			11:19.86	BILL DAWSON	USA	3:05.39	PERTTI LAAKSONEN	FIN	1:06.97	JERRY CLARK	USA
2:36.22	STEVEN HECK	USA	11:24.90	FERDINANDO ORENZO	ITA	3:05.39	ROB HANOU	NED	1:07.63	FABRIZIO MOMONI	ITA
2:39.29	GABOR CSABA	HUN	11:26.74	FRANCIS GODDEN	AUS	3:08.83	HELMUT BEER	GER	1:07.64	BOB BAILIE	USA
2:39.84	HUGH WILDER	USA	11:26.87	WILLIE WILSON	RSA	3:09.78	PETER ANDERSEN	USA	1:07.76	RAYMOND STOKES	GBR
2:40.07	GHAREB ATTEIA	EGY	1500 M. FREE			50 M. FLY			1:08.06	JOHN TENNANT	GBR
2:41.10	TERRY DOWNES	RSA	20:10.45	SANDY GALLETTY	USA	29.22	JOSEP CLARET	ESP	1:08.33	GARY FREELING	RSA
2:41.40	KIERAN KELLEHER	ITA	20:48.79	VICTOR PAUL	AUS	29.87	JIM DRAGON	USA	1:08.99	WERNER SCHNABEL	GER
2:42.13	LASZLO CSABA	HUN	21:46.39	FRANCIS GODDEN	AUS	29.99	C MUTER	USA	200 M. FREE		
2:43.06	WALDYR RAMOS	BRA	22:06.44	DEREK PARR	GBR	30.20	DAVID QUIGGIN	USA	2:26.63	MASATO YOSHINO	JPN
2:43.08	DUNCAN MCCREADIE	GBR	22:07.24	DON DAVIS	USA	30.37	ROBERT POILETMAN	USA	2:26.75	FABRIZIO MOMONI	ITA
2:44.72	MICHAEL FOX	USA	22:13.38	HEINZ DEKARA	GER	30.42	ROBERT OLSON	USA	2:27.18	RAYMOND STOKES	GBR
400 M. I.M.			22:14.92	BILL DAWSON	USA	30.89	BERND SCHROEDER	GER	2:29.61	KAZUYA NISHINO	JPN
5:38.78	TOD SPIEKER	USA	22:17.96	RON BURNS	CAN	31.00	KOJI IWAMOTO	JPN	2:31.63	DAVID HARRISON	USA
5:54.72	D.VIJTENBOGAART	NED	22:22.86	ROB HANOU	NED	31.04	RUDOLF SMERDA	CZE	2:32.40	GARY FREELING	RSA
5:55.20	MICHAEL FOX	USA	22:26.64	J.GUILBERT	FRA	31.35	SCOTT GUTHRIE	USA	2:33.16	WERNER SCHNABEL	GER
5:57.32	GRAHAM SHORT	GBR	50 M. BACK			100 M. FLY			2:33.25	JOHN CRISP	AUS



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2:33.97	MIKE EDWARDS	RSA	38.89	HIROFUMI HOSOTANI	JPN			40.64	WERNER MULLER	GER
2:34.30	JERRY CLARK	USA	100 M.	BRST		*****		40.65	K.KAWASHIMA	JPN
400 M.	FREE		1:25.28	BELA FABIAN	HUN		M E N 70-74	40.68	GORO TABUCHI	JPN
5:07.24	FABRIZIO MOMONI	ITA	1:26.40	HANS REICHEL	GER	*****		100 M.	BACK	
5:15.39	RAYMOND STOKES	GBR	1:27.01	TETSUO NAKAMARU	JPN	50 M.	FREE	1:19.12	YOSHI OYAKAWA	USA
5:21.75	JOHN CRISP	AUS	1:27.57	JURGEN ZIMMERMANN	GER	28.46	WOLFRAM GOTTFRIED	1:21.48	S.SEKIKAWA	JPN
5:25.37	WERNER SCHNABEL	GER	1:27.83	THOMAS WALKER	GBR	30.26	DAVID RADCLIFF	1:22.74	BURWELL JONES	USA
5:27.56	ERNIE LESKOVITZ	USA	1:28.02	YOSHIAKI AOKI	JPN	30.46	ALDO EMINENTE	1:26.24	MAMPEI SEINO	JPN
5:27.65	DAVID HARRISON	USA	1:28.30	TONY GOODWIN	AUS	30.67	RONALD JOHNSON	1:29.42	CLARKE MITCHELL	USA
5:28.22	GARY FREELING	RSA	1:28.31	RINALDO FERREIRA	BRA	30.99	JOSEPH PHILLIPS	1:30.15	GRAHAM JOHNSTON	USA
5:31.41	NIC GEERS	NED	1:28.74	P.WERMELSKIRCHEN	GER	31.00	ILO FONSECA	1:30.67	LARRY GOOD	USA
5:33.34	JERRY CLARK	USA	1:28.78	CHRISTIAN THIESS	AUS	31.23	YOSHI OYAKAWA	1:31.29	STAN MC CONNELL	USA
5:33.76	MASATO YOSHINO	JPN	200 M.	BRST		31.42	J.LOUIS LE DALL	1:31.89	MASAYASU KAMIYA	JPN
800 M.	FREE		3:02.13	MICHAEL MOLONEY	AUS	31.84	RUDI VAN ESS	1:32.48	ROBERT MAYO	USA
10:34.37	FABRIZIO MOMONI	ITA	3:09.79	YOSHIAKI AOKI	JPN	31.89	MAX VAN GELDER	200 M.	BACK	
11:06.06	RAYMOND STOKES	GBR	3:12.37	HANS REICHEL	GER	100 M.	FREE	3:01.68	BURWELL JONES	USA
11:15.47	JOHN CRISP	AUS	3:14.14	THOMAS WALKER	GBR	1:07.79	DAVID RADCLIFF	3:09.17	MAMPEI SEINO	JPN
11:15.77	ERNIE LESKOVITZ	USA	3:14.69	CHRISTIAN THIESS	AUS	1:07.83	WOLFRAM GOTTFRIED	3:13.40	GRAHAM JOHNSTON	USA
11:32.61	DAVID HARRISON	USA	3:17.39	TONY GOODWIN	AUS	1:10.42	DREN GEER	3:14.00	ROBERT MAYO	USA
11:38.55	JERRY CLARK	USA	3:17.94	P.WERMELSKIRCHEN	GER	1:10.49	BURWELL JONES	3:16.09	LARRY GOOD	USA
11:40.57	MICK MARSHALL	GBR	3:20.04	GUNTER SCHMAH	GER	1:12.37	RONALD JOHNSON	3:18.19	DIETER LOELIGER	AUS
11:42.32	GARY FREELING	RSA	3:20.71	PETER BELL	CAN	1:13.28	JOSEPH PHILLIPS	3:18.48	ROGER BURREL	FRA
11:48.28	ISAO NAKAMOTO	JPN	3:22.17	HARTMUT LEMCKE	GER	1:13.31	ROY DREW	3:19.23	ALAN RAPPERPORT	USA
11:59.03	NIC GEERS	NED	50 M.	FLY		1:13.53	ROBERT MAYO	3:19.59	YOSHI OYAKAWA	USA
1500 M.	FREE		31.94	Y.FUNAHASHI	JPN	1:13.76	MASAYASU KAMIYA	3:22.30	STAN MC CONNELL	USA
20:08.74	FABRIZIO MOMONI	ITA	32.13	BERT PETERSEN	USA	1:14.10	EROS STELLA	50 M.	BRST	
21:12.01	RAYMOND STOKES	GBR	32.38	JOSEPH LAMMERT	USA	200 M.	FREE	37.93	AKIO SUGIYAMA	JPN
21:38.90	JOHN CRISP	AUS	32.59	HIROSHI MATSUMOTO	JPN	2:32.24	DAVID RADCLIFF	39.47	JOHN KORTHEUER	USA
21:40.09	DAVID HARRISON	USA	32.64	HELMUT RICHTER	GER	2:35.56	BURWELL JONES	40.25	VITEZSLAV SVOZIL	CZE
21:49.12	ERNIE LESKOVITZ	USA	32.74	PETER BERGENGREN	SWE	2:42.46	LARRY GOOD	40.29	TSUTOMU KAJIHARA	JPN
22:35.12	YASUSHI YAMAGUCHI	JPN	33.02	JOHN TENNANT	GBR	2:42.83	GRAHAM JOHNSTON	40.54	WERNER MULLER	GER
22:36.07	MICK MARSHALL	GBR	33.21	TAISUKE MIYAZAKI	JPN	2:43.12	DAVE ANDERSON	40.60	STAN MORNER	USA
22:50.06	ISAO NAKAMOTO	JPN	33.46	BOB BAILIE	USA	2:46.56	J.LOUIS LE DALL	40.68	DON BIDWELL	NZL
23:04.79	NIC GEERS	NED	33.50	KAZUYA NISHINO	JPN	2:46.93	ALDO EMINENTE	41.01	SHUNSAKU TAKAHIRA	JPN
23:32.22	JOHN PUGH	AUS	100 M.	FLY		2:47.61	DREN GEER	41.07	LASSE KNAPP	FIN
50 M.	BACK		1:12.78	BARRY YOUNG	NZL	2:48.84	TAKASHI IMASAKA	41.11	RUDI VAN ESS	GER
35.87	PETER BERGENGREN	SWE	1:16.80	TAISUKE MIYAZAKI	JPN	2:50.14	ROY DREW	100 M.	BRST	
35.96	HELMUT RICHTER	GER	1:19.98	DAVID CUMMING	GBR	400 M.	FREE	1:29.51	BOB PATTEN	USA
37.10	Y.FUNAHASHI	JPN	1:20.90	WOLFGANG SIEBER	GER	5:31.23	DAVID RADCLIFF	1:30.39	SHUNSAKU TAKAHIRA	JPN
37.21	TAISUKE MIYAZAKI	JPN	1:22.66	LUC AUZANNEAU	FRA	5:36.45	BURWELL JONES	1:31.75	JOHN KORTHEUER	USA
37.24	MOTOHISA HIROSE	JPN	1:22.85	DAVID GILLANDERS	USA	5:50.13	LARRY GOOD	1:32.23	AKIO SUGIYAMA	JPN
37.39	DAVID MCINTYRE	USA	1:22.93	P.WERMELSKIRCHEN	GER	5:52.21	WILLIAM LAUER	1:32.42	TSUTOMU KAJIHARA	JPN
37.49	JOSEPH LAMMERT	USA	1:23.26	ERNIE LESKOVITZ	USA	6:02.34	WILHELM RAUCH	1:32.53	VITEZSLAV SVOZIL	CZE
37.82	PETER BAUCH	GER	1:24.80	MASARU IGARASHI	JPN	6:05.72	GEORGE BRUNSTAD	1:33.47	WERNER MULLER	GER
37.83	THOMAS ROBSON	GBR	1:26.33	JURGEN LOWAG	GER	6:08.42	JOHN STARR	1:34.52	RUDI VAN ESS	GER
37.87	ALAN JACKSON	GBR	200 M.	FLY		6:10.72	ROY DREW	1:34.90	DON BIDWELL	NZL
100 M.	BACK		2:51.07	BARRY YOUNG	NZL	6:10.79	JOSEF KREJCI	1:35.44	HERBERT HERWIG	AUT
1:21.70	MARTY MENNEN	USA	3:01.71	TAISUKE MIYAZAKI	JPN	6:10.97	J.LOUIS LE DALL	200 M.	BRST	
1:21.86	ALAN JACKSON	GBR	3:11.83	DAVID CUMMING	GBR	800 M.	FREE	3:18.20	BOB PATTEN	USA
1:23.22	TAISUKE MIYAZAKI	JPN	3:13.49	RUDI BECKER	GER	11:37.06	DAVID RADCLIFF	3:23.51	TSUTOMU KAJIHARA	JPN
1:23.51	LAJOS VAGUJHELYI	HUN	3:15.85	P.WERMELSKIRCHEN	GER	11:45.38	BURWELL JONES	3:28.07	HERWIG HERBERT	AUT
1:25.19	MOTOHISA HIROSE	JPN	3:18.53	JURGEN LOWAG	GER	12:10.32	LARRY GOOD	3:29.63	DIETER LOELIGER	AUS
1:26.14	PETER BAUCH	GER	3:19.41	DAVE MCLACHLAN	RSA	12:10.77	GRAHAM JOHNSTON	3:29.79	SHUNSAKU TAKAHIRA	JPN
1:26.48	E.NODENSCHNEIDER	FRA	3:22.71	LAURI MALK	FIN	12:20.49	WILLIAM LAUER	3:31.92	VITEZSLAV SVOZIL	CZE
1:27.36	GUNTER KOBOW	GER	3:25.26	DAVID GILLANDERS	USA	12:44.24	WILHELM RAUCH	3:33.50	ERICH NEUMANN	GER
1:27.58	DAVID PAINTER	USA	3:25.56	TADAHIKO SAKATANI	JPN	12:54.17	JOHN STARR	3:34.15	ERIVALDO LIMA	BRA
1:27.87	GERHARD HOLE	GER	200 M.	I.M.		12:54.70	JOSEF KREJCI	3:34.34	JOACHIM KESSLER	GER
200 M.	BACK		2:45.17	BARRY YOUNG	NZL	13:09.33	ALAN RAPPERPORT	3:36.76	JORG FAUST	GER
2:57.73	MARTY MENNEN	USA	2:55.24	LAJOS VAGUJHELYI	HUN	13:25.62	ROBERT MAYO	50 M.	FLY	
2:57.89	ALAN JACKSON	GBR	3:02.09	P.WERMELSKIRCHEN	GER	1500 M.	FREE	33.62	RONALD JOHNSON	USA
3:02.28	LAJOS VAGUJHELYI	HUN	3:05.23	DAVID PAINTER	USA	22:06.39	DAVID RADCLIFF	33.85	J.LOUIS LE DALL	FRA
3:02.99	TAISUKE MIYAZAKI	JPN	3:05.24	JOHN CRISP	AUS	22:17.24	BURWELL JONES	35.47	MASAYASU KAMIYA	JPN
3:02.99	E.NODENSCHNEIDER	FRA	3:06.55	HANS REICHEL	GER	22:47.77	GEORGE BRUNSTAD	35.50	ANTONIO SOUZA	BRA
3:06.05	THOMAS WALKER	GBR	3:09.69	CHRISTIAN THIESS	AUS	24:02.21	DIETER LOELIGER	35.85	TAKASHI HAYASHI	JPN
3:07.65	PETER BAUCH	GER	3:11.04	HEINZ JENSEN	GER	24:14.66	WILL RAUCH	36.00	WOLFRAM GOTTFRIED	GER
3:08.47	NIC GEERS	NED	3:12.03	NIC GEERS	NED	24:43.94	ROBERT MAYO	36.22	TSUTOMU KAJIHARA	JPN
3:10.82	BRENT LAKE	USA	3:12.06	RUDI BECKER	GER	25:34.02	TAKANAO SATO	36.22	WERNER MULLER	GER
3:12.12	OSAMU YAMAGUCHI	JPN	400 M.	I.M.		25:38.29	WAYNE LEENGRAN	36.50	SEYMOUR BANNING	GBR
50 M.	BRST		5:52.79	BARRY YOUNG	NZL	25:39.44	OSAMU IWANAMI	36.75	TAKASHI SATO	JPN
35.56	YOSHIHIKO OSAKI	JPN	6:27.64	LAJOS VAGUJHELYI	HUN	25:42.60	DICK CHISHOLM	100 M.	FLY	
37.83	BELA FABIAN	HUN	6:34.94	DAVID CUMMING	GBR	50 M.	BACK	1:23.13	TAKASHI HAYASHI	JPN
37.84	JURGEN SCHUBERT	GER	6:39.96	JOHN CRISP	AUS	35.83	YOSHI OYAKAWA	1:26.39	ANTONIO SOUZA	BRA
38.08	JURGEN ZIMMERMANN	GER	6:41.03	P.WERMELSKIRCHEN	GER	35.89	S.SEKIKAWA	1:26.93	WILLIAM LAUER	USA
38.16	MASATERU ISA	JPN	6:46.04	ERNIE LESKOVITZ	USA	37.62	BURWELL JONES	1:27.33	WERNER MULLER	GER
38.19	HANS REICHEL	GER	6:49.89	NIC GEERS	NED	38.65	GEORGE GFROERER	1:27.87	SEYMOUR BANNING	GBR
38.40	RINALDO FERREIRA	BRA	6:52.32	CHRISTIAN THIESS	AUS	38.83	CLARKE MITCHELL	1:31.15	MASAYASU KAMIYA	JPN
38.77	YOSHIAKI AOKI	JPN	6:57.35	JURGEN LOWAG	GER	39.07	RONALD JOHNSON	1:34.55	TAKASHI SATO	JPN
38.80	TONY GOODWIN	AUS	7:03.45	RUDI BECKER	GER	40.59	RICHARD WEICK	1:34.66	DREN GEER	USA



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1:34.72	STAN MORNER	USA	6:43.86	HIROSHI YAMAZAKI	JPN	1:41.49	TADASU MATSUOKA	JPN	34.36	SADAYUKI WAKAI	JPN
1:35.58	ERIVALDO LIMA	BRA	6:45.73	D.CASOLINO	ITA	1:42.78	WERNER ASSMANN	GER	36.13	C.BRUNELLESCHI	ITA
200 M. FLY			6:50.09	GERHARD SCHOLZ	GER	1:42.78	ITSUO NISHIZAWA	JPN	36.42	NILS KLING	SWE
3:16.61	TAKASHI HAYASHI	JPN	6:51.13	HIROSHI IMAIZUMI	JPN	1:42.80	SHIRO MORI	JPN	36.76	MASAKI INABA	JPN
3:30.03	WILLIAM LAUER	USA	6:56.05	NORITO OBA	JPN	200 M. BRST			36.99	ROBERT BLAKE	USA
3:32.37	SEYMOUR BANNING	GBR	800 M. FREE			3:32.60	ROBERT MACDONALD	USA	37.17	FRANK GRANNIS	USA
3:35.65	ERIVALDO LIMA	BRA	12:53.11	DAVID LAWLER	AUS	3:36.41	KARL HAUTER	GER	37.79	ATTILIO CHIDO	ITA
3:36.82	PAUL ALVAREZ	GBR	13:10.73	ARAM BOGHOSSIAN	BRA	3:43.39	ESKO SALONEN	FIN	100 M. FREE		
3:41.49	HERB KERN	USA	14:07.47	GERHARD SCHOLZ	GER	3:47.62	TADASU MATSUOKA	JPN	1:21.86	MAX VAN GELDER	NED
3:45.77	DREN GEER	USA	14:13.10	STAN JACOBS	AUS	3:48.12	WERNER ASSMANN	GER	1:24.14	SADAYUKI WAKAI	JPN
3:47.16	STAN MORNER	USA	14:18.49	D.CASOLINO	ITA	3:53.86	JAN ZIEGLER	CZE	1:25.19	ROGER HALIMI	FRA
3:47.89	VIKTOR BOROVNIKOV	RUS	14:39.41	WINTHROP WILSON	USA	3:54.06	IWAO YAMAMOTO	JPN	1:26.79	NILS KLING	SWE
3:50.78	TOSHIMASA MINAMI	JPN	14:45.80	KEN MCKAY	GBR	3:54.27	ITSUO NISHIZAWA	JPN	1:27.70	JURGEN SCHMIDT	USA
200 M. I.M.			14:47.60	GERHARD GROSSER	GER	3:57.79	THOMAS MAINE	USA	1:28.10	ROBERT BLAKE	USA
3:06.99	BURWELL JONES	USA	14:53.69	IRWIN STOLZ	USA	3:58.16	IRWIN STOLZ	USA	1:28.17	MASAKI INABA	JPN
3:12.20	DIETER LOELIGER	AUS	14:55.66	W MORGAN BYERS	USA	50 M. FLY			1:29.17	HIDEAKI KATO	JPN
3:12.33	WERNER MULLER	GER	1500 M. FREE			39.04	FRANK PIEMME	GER	1:29.97	KEVIN VICKERY	AUS
3:16.04	HERWIG HERBERT	AUT	26:50.90	GERHARD SCHOLZ	GER	39.13	SUEO YAMAGUCHI	JPN	1:34.30	FRANK GRANNIS	USA
3:16.51	TSUTOMU KAJIHARA	JPN	27:22.80	DOMENICO CASOLINO	ITA	40.44	DICK WEBBER	USA	200 M. FREE		
3:17.87	GRAHAM JOHNSTON	USA	27:53.37	HIROSHI IMAIZUMI	JPN	41.18	SILVANO DANIELI	ITA	3:22.59	JURGEN SCHMIDT	USA
3:20.70	HORST KESTENER	BRA	28:07.40	HORST FRITSCHKE	GER	41.20	GERHARD GIERA	GER	3:28.38	NILS KLING	SWE
3:22.36	MASAYASU KAMIYA	JPN	28:10.61	GERHARD GROSSER	GER	41.31	HORST FRITSCHKE	GER	3:28.86	HIDEAKI KATO	JPN
3:23.42	JOSEF KREJCI	SUI	28:13.14	IRWIN STOLZ	USA	41.39	SHIRO MORI	JPN	3:28.94	ROBERT BLAKE	USA
3:23.76	RICHARD WEICK	USA	28:14.54	ROGER FRANKS	USA	42.31	YASUICHI MATSUURA	JPN	3:29.93	KEVIN VICKERY	AUS
400 M. I.M.			29:24.73	THOMAS CURRIE	AUS	42.45	TOSHIO TAJIMA	JPN	3:30.07	FRANK GRANNIS	USA
6:50.77	BURWELL JONES	USA	29:55.96	TOM MAINE	USA	42.63	MINORU NAGASHIMA	JPN	3:39.79	GIL YOUNG	USA
6:57.96	DIETER LOELIGER	AUS	30:00.08	JORDAN WOLLE	USA	100 M. FLY			3:42.29	JAMES EDWARDS	USA
6:59.40	A.VERESCHCHAGIN	RUS	50 M. BACK			1:38.81	ROBERT MACDONALD	USA	3:42.43	SEITA INAYOSHI	JPN
7:02.30	WILLIAM LAUER	USA	40.58	HORACE KNOWLTON	USA	1:42.47	THOMAS MAINE	USA	3:43.49	JAMES DETAR	BRA
7:12.01	JOSEF KREJCI	SUI	40.97	SHOICHI SHIDA	JPN	1:43.51	SILVANO DANIELI	ITA	400 M. FREE		
7:13.88	HERB KERN	USA	41.53	PETER VAN DIJK	USA	1:44.26	JAN ZIEGLER	CZE	6:58.46	JURGEN SCHMIDT	USA
7:29.14	PAUL ALVAREZ	GBR	41.59	K.KLAUSTERMEYER	GER	1:44.38	MINORU NAGASHIMA	JPN	7:17.03	KEVIN VICKERY	AUS
7:29.20	JOHN MASTERS	USA	42.23	DALE WEBSTER	USA	1:47.42	FRANK PIEMME	USA	7:17.91	JAMES EDWARDS	USA
7:34.64	JORG FAUST	GER	43.32	SHIRO MORI	JPN	1:52.74	SUEO YAMAGUCHI	JPN	7:20.49	ROBERT BLAKE	USA
7:35.80	ALAN RAPPERPORT	USA	43.32	ZAVEN BOGHOSSIAN	BRA	1:53.21	BILL WALKER	AUS	7:50.67	DOMINIK KOZA	GER
*****			43.69	ROD BAKER	AUS	1:57.44	ALLAN DUFTY	AUS	7:56.57	GIL YOUNG	USA
M E N 75-79			44.26	JACK ANDERSON	GBR	1:58.95	AARON KURTZMAN	USA	8:13.84	PAUL LACASSAGNE	FRA
*****			44.89	ALDACYR HILL	BRA	200 M. FLY			8:14.00	JACQUES AMYOT	CAN
50 M. FREE			100 M. BACK			3:45.15	THOMAS MAINE	USA	8:15.66	ROBERT SIGERSMITH	USA
33.10	PETER VAN DIJK	USA	1:31.27	HORACE KNOWLTON	USA	3:50.50	JAN ZIEGLER	CZE	8:16.10	MINORU FUKUI	JPN
33.15	DICK WEBBER	USA	1:35.93	PETER VAN DIJK	USA	3:50.95	LEN GOLDSTONE	USA	800 M. FREE		
33.15	FRANK PIEMME	USA	1:37.92	K.KLAUSTERMEYER	GER	3:57.78	KARL HAUTER	GER	14:33.20	JURGEN SCHMIDT	USA
33.75	ARAM BOGHOSSIAN	BRA	1:39.36	JACK ANDERSON	GBR	4:01.36	MINORU NAGASHIMA	JPN	15:56.84	ROBERT BLAKE	USA
33.85	ALLEN MILES	GBR	1:39.72	DALE WEBSTER	USA	4:09.70	SILVANO DANIELI	ITA	16:13.98	KEVIN VICKERY	AUS
33.96	SHOICHI SHIDA	JPN	1:40.36	F.YANAGISAWA	JPN	4:34.26	ERICH DILFER	GER	16:22.74	JAMES EDWARDS	USA
33.97	ROD BAKER	AUS	1:40.49	DAVID LAWLER	AUS	4:39.85	BILL WALKER	AUS	16:33.38	GIL YOUNG	USA
34.58	JUSTIN DIEHL	USA	1:40.90	G.SHIMOMOTO	JPN	5:42.65	SABURO MASUDA	JPN	16:44.71	ROBERT SIGERSMITH	USA
34.68	ZAVEN BOGHOSSIAN	BRA	1:42.49	SHOICHI NAKAGAWA	JPN	5:44.44	ART KELLEY	USA	16:46.27	JACQUES AMYOT	CAN
34.69	HIROSHI YOSHIMURA	JPN	1:42.60	ZAVEN BOGHOSSIAN	BRA	200 M. I.M.			16:46.79	DOMINIK KOZA	GER
100 M. FREE			200 M. BACK			3:29.28	KARL HAUTER	GER	17:13.11	KARL BAYERLEIN	GER
1:15.46	ARAM BOGHOSSIAN	BRA	3:26.06	HORACE KNOWLTON	USA	3:32.94	HORACE KNOWLTON	USA	17:31.13	PAUL LACASSAGNE	FRA
1:15.97	PETER VAN DIJK	USA	3:30.35	JACK ANDERSON	GBR	3:33.49	ROBERT MACDONALD	USA	1500 M. FREE		
1:16.63	HIROSHI YOSHIMURA	JPN	3:34.14	ROGER FRANKS	USA	3:34.08	JAN ZIEGLER	CZE	28:25.41	JURGEN SCHMIDT	USA
1:16.66	SHOICHI SHIDA	JPN	3:34.75	KARL HAUTER	GER	3:37.49	LEN GOLDSTONE	USA	31:36.15	ROBERT BLAKE	USA
1:17.36	DAVID LAWLER	AUS	3:40.32	G.SHIMOMOTO	JPN	3:39.87	YUJI SUZUKI	JPN	31:41.30	JACQUES AMYOT	CAN
1:18.28	FRANK PIEMME	USA	3:40.81	FERENC LATIN	HUN	3:40.72	FRANK PIEMME	USA	31:56.95	KARL BAYERLEIN	GER
1:18.44	ROD BAKER	AUS	3:41.61	SHOICHI NAKAGAWA	JPN	3:42.57	ESKO SALONEN	FIN	33:12.51	ROBERT SIGERSMITH	USA
1:19.65	DALE WEBSTER	USA	3:43.84	F.YANAGISAWA	JPN	3:48.23	THOMAS MAINE	USA	33:24.71	TOM BRERETON	NZL
1:20.33	ALLEN MILES	GBR	3:44.53	ZAVEN BOGHOSSIAN	BRA	3:53.77	IRWIN STOLZ	USA	33:25.26	DOMINIK KOZA	GER
1:20.44	DICK WEBBER	USA	3:46.13	K.KLAUSTERMEYER	GER	400 M. I.M.			33:55.26	ARTHUR KOBLISH	USA
200 M. FREE			42.03	HORST FRITSCHKE	GER	7:24.48	KARL HAUTER	GER	34:53.97	A RAMIREZ-MILLER	USA
2:49.78	HIROSHI YOSHIMURA	JPN	42.33	GERHARD GIERA	GER	7:48.40	LEN GOLDSTONE	USA	35:04.34	WILLIAM DODGSON	GBR
2:55.40	ARAM BOGHOSSIAN	BRA	42.36	CHARLES URSTADT	USA	7:48.44	THOMAS MAINE	USA	50 M. BACK		
2:55.68	DAVID LAWLER	AUS	42.52	TOSHIO TAJIMA	JPN	7:51.87	JAN ZIEGLER	CZE	38.78	KEIJIRO NAKAMURA	JPN
2:58.72	ROD BAKER	AUS	42.87	ROBERT MACDONALD	USA	8:07.33	FRANK PIEMME	USA	41.40	PAUL HUTINGER	USA
3:00.98	PETER VAN DIJK	USA	42.87	ROBERT MACDONALD	USA	8:27.87	ALLAN DUFTY	AUS	43.34	MAX VAN GELDER	NED
3:06.55	FRANK PIEMME	USA	43.94	IWAO YAMAMOTO	JPN	8:32.52	YUJI SUZUKI	JPN	43.87	MASAKI INABA	JPN
3:09.01	NORITO OBA	JPN	44.34	RYUJI HASHIMOTO	JPN	9:40.02	BILL WALKER	AUS	46.62	NILS KLING	SWE
3:10.31	FERENC LATIN	HUN	44.97	SHIRO MORI	JPN	9:41.17	H.MURAMATSU	JPN	46.76	KAIZO WATANABE	JPN
3:11.08	MINORU NAGASHIMA	JPN	45.24	WATARU ASAOKA	JPN	10:36.14	JOHN SLATER	ESP	46.83	B.HORVATH	HUN
3:12.59	DICK WEBBER	USA	45.27	ITSUO NISHIZAWA	JPN	*****			46.93	JURGEN SCHMIDT	USA
400 M. FREE			100 M. BRST			*****			47.36	ROGERS HOLMES	USA
5:54.36	HIROSHI YOSHIMURA	JPN	1:35.55	ROBERT MACDONALD	USA	M E N 80-84			47.65	ANTON BIEDERMANN	BRA
6:11.51	ARAM BOGHOSSIAN	BRA	1:38.15	GERHARD GIERA	GER	*****			100 M. BACK		
6:13.41	DAVID LAWLER	AUS	1:39.95	KARL HAUTER	GER	50 M. FREE			1:29.15	KEIJIRO NAKAMURA	JPN
6:39.32	KARL HAUTER	GER	1:40.26	AL CRAIG	USA	33.12	KEIJIRO NAKAMURA	JPN	1:35.42	PAUL HUTINGER	USA
6:42.72	FRANK PIEMME	USA	1:40.99	IWAO YAMAMOTO	JPN	34.23	MAX VAN GELDER	NED	1:41.02	MAX VAN GELDER	NED
			1:41.44	CHARLES URSTADT	USA	34.24	ROGER HALIMI	FRA	1:48.10	NILS KLING	SWE



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1:48.23	ROGERS HOLMES	USA	5:53.37	BOB DOUD	USA	17:47.46	DICK GUIDO	USA	5:57.32	ALDO CAPUTI	ITA
1:49.61	ANTON BIEDERMANN	BRA	6:14.97	ANTONIO FIGUEREDO	ESP	18:49.49	NILS FERM	SWE	6:22.31	SHOJI MIZUTA	JPN
1:51.25	MASAKI INABA	JPN	7:27.87	JAY CHARLES	USA	18:52.67	LUCIANO CANESSA	ITA	6:34.80	HARRY BARTLETT	USA
1:51.79	THOMAS SUMMERS	GBR	8:49.04	VLADIMIR OUCHAKOF	USA	19:21.24	BUD JACKSON	USA	6:40.21	WILLIAM JOHNSTON	USA
1:51.84	B.HORVATH	HUN	9:37.58	T JOHNSON	USA	19:49.23	HUGH MCGREGOR	CAN	6:41.26	MASAHARU HAMANO	JPN
1:51.96	KAIZO WATANABE	JPN	200 M. I.M.			20:54.83	LYNN SURLS	USA	7:22.50	ANTOINE MAZOYER	FRA
200 M. BACK			3:44.19	MAX VAN GELDER	NED	21:36.39	TOM REES	AUS	50 M. FLY		
3:16.82	KEIJIRO NAKAMURA	JPN	4:03.78	JACQUES AMYOT	CAN	27:10.76	P. O'SULLIVAN	AUS	46.48	ANDREW HOLDEN	USA
3:30.76	PAUL HUTINGER	USA	4:05.62	EDWARD RUDLOFF	USA	1500 M. FREE			54.32	PAUL KRUP	USA
4:00.01	NILS KLING	SWE	4:07.74	FRANK GRANNIS	USA	32:32.53	HAROLD DODD	GBR	1:00.03	WILLIAM JOHNSTON	USA
4:00.49	JOHN DAVIS	GBR	4:13.19	ISAO FUNAMOTO	JPN	33:50.22	NILS FERM	SWE	1:07.18	ALDO CAPUTI	ITA
4:05.41	B.HORVATH	HUN	4:16.43	F.CONTRERAS	MEX	35:29.61	ARTHUR THOMAS	AUS	1:21.55	JOHN HARRISON	GBR
4:07.64	KAIZO WATANABE	JPN	4:20.49	DON LEADER	GBR	36:38.36	BUD JACKSON	USA	100 M. FLY		
4:07.91	ANTON BIEDERMANN	BRA	4:26.80	JURGEN SCHMIDT	USA	37:02.67	LUCIANO CANESSA	ITA	2:02.53	ANDREW HOLDEN	USA
4:13.95	JOHN TRUBY	USA	4:36.94	JOHN DAVIS	GBR	37:09.82	HUGH MCGREGOR	CAN	2:34.17	WILLIAM JOHNSTON	USA
4:16.53	H.MIYAZAKI	JPN	4:38.58	ARTHUR KOBLISH	USA	37:26.28	JOHN BRICE	AUS	2:39.59	ALDO CAPUTI	ITA
4:22.97	KARL BAYERLEIN	GER	400 M. I.M.			41:32.05	TOM REES	AUS	200 M. FLY		
50 M. BRST			9:12.28	JACQUES AMYOT	CAN	43:36.01	LYNN SURLS	USA	4:47.63	ANDREW HOLDEN	USA
45.45	MAX VAN GELDER	NED	9:25.58	DON LEADER	GBR	55:21.29	P. O'SULLIVAN	AUS	6:00.21	ALDO CAPUTI	ITA
46.09	BARTON GREENBERG	USA	9:49.03	JOHN DAVIS	GBR	50 M. BACK			6:56.71	WILLIAM JOHNSTON	USA
47.05	SADAYUKI WAKAI	JPN	9:50.35	HIRONARI UEDA	JPN	45.33	SHOICHI SAKAMOTO	JPN	200 M. I.M.		
47.33	HERBERT BUNGEROTH	GER	10:03.72	ARTHUR KOBLISH	USA	47.40	GORO KOBAYASHI	JPN	4:15.59	ANDREW HOLDEN	USA
48.27	EDWARD RUDLOFF	USA	10:05.50	DOMINIK KOZA	GER	49.14	ANDREW HOLDEN	USA	5:21.22	WILLIAM JOHNSTON	USA
48.75	BRUNO HAMEL	GER	10:28.92	TOM MC CALL	USA	51.52	TOSHIJI SATO	JPN	5:44.44	ALDO CAPUTI	ITA
50.16	LUDWIG GEBURZI	GER	10:30.90	ROBERT BLAKE	USA	52.94	ARTHUR THOMAS	AUS	400 M. I.M.		
50.37	JOHN CORSE	USA	10:52.97	ANTONIO FIGUEREDO	ESP	53.74	M.FUKUSHIMA	JPN	12:55.19	WILLIAM JOHNSTON	USA
50.59	PAUL HUTINGER	USA	12:00.07	CASPAR HAUPT	CAN	54.51	FRED SCHULHOF	CAN			
51.16	ISAO FUNAMOTO	JPN				55.19	JOHN MERRILL	USA	*****		
100 M. BRST			*****			56.58	SHOJI MIZUTA	JPN	M E N 90-94		
1:47.25	MAX VAN GELDER	NED	M E N 85-89			56.72	USHIO KAWAGUCHI	JPN	*****		
1:47.82	SADAYUKI WAKAI	JPN	*****			100 M. BACK			50 M. FREE		
1:47.88	BARTON GREENBERG	USA	50 M. FREE			1:55.87	TOSHIJI SATO	JPN	41.65	WOODY BOWERSOCK	USA
1:50.87	HERBERT BUNGEROTH	GER	37.21	ANDREW HOLDEN	USA	2:01.26	ARTHUR THOMAS	AUS	43.03	TOKUSHI KOMEDA	JPN
1:52.73	ISAO FUNAMOTO	JPN	37.67	SHOICHI SAKAMOTO	JPN	2:03.69	NILS FERM	SWE	48.19	KAZUNAGA AKUTSU	JPN
1:53.47	EDWARD RUDLOFF	USA	39.85	ISAMU TAMURA	JPN	2:04.33	JOHN MERRILL	USA	48.62	MASAHISA KANEKO	JPN
1:56.07	JACQUES AMYOT	CAN	40.90	ARTHUR THOMAS	AUS	2:08.58	HUGH MCGREGOR	CAN	49.17	HEINZ SIEGEL	GER
1:56.34	KOSAKU ASADA	JPN	41.07	M.FUKUSHIMA	JPN	2:10.67	WALTER MINNICH	GER	50.41	MASAO UEDA	JPN
1:56.40	F.CONTRERAS	MEX	41.29	WILLIAM JOHNSTON	USA	2:11.94	RYUJI FUJIKAWA	JPN	53.91	JEAN LEEMPUT	FRA
1:56.91	H.REITEMEYER	GER	41.72	HIDEYA FUJII	JPN	2:12.78	USHIO KAWAGUCHI	JPN	53.96	R.REINSTADTLER	GER
200 M. BRST			43.58	NILS FERM	SWE	2:13.02	DICK GUIDO	USA	55.68	JIM TRIOLO	USA
3:58.49	MAX VAN GELDER	NED	44.50	C EDWARD JOHNSON	USA	2:16.39	LUCIANO CANESSA	ITA	1:01.39	JOHN HARRISON	GBR
4:09.13	ISAO FUNAMOTO	JPN	44.66	JOHN BRICE	AUS	200 M. BACK			100 M. FREE		
4:13.41	JACQUES AMYOT	CAN	100 M. FREE			4:23.81	TOSHIJI SATO	JPN	1:40.54	TOKUSHI KOMEDA	JPN
4:14.37	HERBERT BUNGEROTH	GER	1:36.17	ISAMU TAMURA	JPN	4:25.24	ARTHUR THOMAS	AUS	1:48.96	WOODY BOWERSOCK	USA
4:16.79	F.CONTRERAS	MEX	1:39.59	GORO KOBAYASHI	JPN	4:30.02	JOHN MERRILL	USA	1:56.10	HEINZ SIEGEL	GER
4:20.58	EDWARD RUDLOFF	USA	1:40.53	ARTHUR THOMAS	AUS	4:36.74	NILS FERM	SWE	2:07.43	JIM TRIOLO	USA
4:27.87	JOHN DAVIS	GBR	1:40.85	WILLIAM JOHNSTON	USA	4:40.22	HUGH MCGREGOR	CAN	2:09.36	KAZUNAGA AKUTSU	JPN
4:35.19	JOHN CORSE	USA	1:42.94	HAROLD DODD	GBR	4:42.46	USHIO KAWAGUCHI	JPN	2:09.92	JEAN LEEMPUT	FRA
4:36.72	SEITA INAYOSHI	JPN	1:45.82	HIDEYA FUJII	JPN	4:58.14	DICK GUIDO	USA	2:12.15	JOHN HARRISON	GBR
4:46.82	NORMAN GARSOE	USA	1:47.78	RYUJI FUJIKAWA	JPN	5:09.35	WILLI WINDEL	GER	2:24.57	DERRICK DAVEY	GBR
50 M. FLY			1:49.21	NILS FERM	SWE	5:14.15	J.RECHTBERGER	AUT	2:33.60	R.REINSTADTLER	GER
41.36	MAX VAN GELDER	NED	1:50.09	USHIO KAWAGUCHI	JPN	5:32.49	ALDO CAPUTI	ITA	2:36.98	JIM PANTON	CAN
48.35	JURGEN SCHMIDT	USA	1:50.23	JOHN BRICE	AUS	50 M. BRST			200 M. FREE		
50.41	FRANK GRANNIS	USA	200 M. FREE			51.50	Y.MIYAMOTO	JPN	3:54.89	TOKUSHI KOMEDA	JPN
51.82	LUDWIG GEBURZI	GER	3:38.52	GORO KOBAYASHI	JPN	53.14	WALTER MINNICH	GER	4:35.42	WOODY BOWERSOCK	USA
52.21	SADAYUKI WAKAI	JPN	3:49.22	HAROLD DODD	GBR	53.87	FRED SCHULHOF	CAN	4:38.25	JIM TRIOLO	USA
52.24	F.CONTRERAS	MEX	3:50.76	DICK GUIDO	USA	55.82	PAUL KRUP	USA	4:44.26	JOHN HARRISON	GBR
52.56	JACQUES AMYOT	CAN	3:51.45	ARTHUR THOMAS	AUS	55.85	HIROMU YOSHIMOTO	JPN	5:02.19	HEINZ SIEGEL	GER
53.23	WERNER FRITZSCHE	GER	4:12.33	NILS FERM	SWE	1:03.56	M.FUKUSHIMA	JPN	5:16.28	GENE CROSSETT	USA
54.03	KAKUICHI YANAGAWA	JPN	4:18.69	WILLIAM JOHNSTON	USA	1:03.56	SVERRE BRYNE	NOR	5:50.62	JIM PANTON	CAN
54.92	HIRONARI UEDA	JPN	4:19.47	JOHN BRICE	AUS	1:04.10	GEORGE CORONES	AUS	6:07.02	R.BEON	CUB
100 M. FLY			4:20.98	LUCIANO CANESSA	ITA	1:04.67	LENNART INGMO	SWE	6:29.45	FRANK TILLOTSON	USA
1:49.38	MAX VAN GELDER	NED	4:21.96	RYUJI FUJIKAWA	JPN	1:05.71	WILLIAM JOHNSTON	USA	6:47.60	ROMAN JEZEK	CAN
2:00.12	FRANK GRANNIS	USA	4:33.50	HUGH MCGREGOR	CAN	100 M. BRST			400 M. FREE		
2:12.65	KAKUICHI YANAGAWA	JPN	400 M. FREE			2:03.77	FRED SCHULHOF	CAN	8:13.45	TOKUSHI KOMEDA	JPN
2:14.62	HIRONARI UEDA	JPN	7:55.43	HAROLD DODD	GBR	2:08.16	WALTER MINNICH	GER	9:48.38	JOHN HARRISON	GBR
2:14.98	JACQUES AMYOT	CAN	8:12.53	DICK GUIDO	USA	2:15.45	PAUL KRUP	USA	9:55.55	HEINZ SIEGEL	GER
2:20.92	ARTHUR KOBLISH	USA	8:22.23	ARTHUR THOMAS	AUS	2:18.17	HIROMU YOSHIMOTO	JPN	10:24.84	WOODY BOWERSOCK	USA
2:21.41	LEON WALKDEN	GBR	8:51.17	NILS FERM	SWE	2:24.74	Y.MIYAMOTO	JPN	13:35.25	ROMAN JEZEK	CAN
2:23.28	DON LEADER	GBR	9:00.68	LUCIANO CANESSA	ITA	2:24.80	BUD JACKSON	USA	19:49.45	J.JACQUES STORZ	FRA
2:29.31	TOM MC CALL	USA	9:34.50	BUD JACKSON	USA	2:28.47	ANDREW HOLDEN	USA	800 M. FREE		
2:37.00	BOB DOUD	USA	9:34.99	HUGH MCGREGOR	CAN	2:30.09	LENNART INGMO	SWE	20:09.22	JOHN HARRISON	GBR
200 M. FLY			9:36.50	JOHN BRICE	AUS	2:40.42	ALDO CAPUTI	ITA	24:19.62	GENE CROSSETT	USA
4:52.85	HIRONARI UEDA	JPN	9:37.66	JOHN MERRILL	USA	2:45.78	TOM REES	AUS	27:10.53	ROMAN JEZEK	CAN
4:53.14	FRANK GRANNIS	USA	9:53.83	JOHNNY HUBERT	FRA	200 M. BRST			30:22.00	FRANK TILLOTSON	USA
4:54.00	DON LEADER	GBR	800 M. FREE			4:46.26	FRED SCHULHOF	CAN	1500 M. FREE		
5:13.88	ARTHUR KOBLISH	USA	16:52.07	HAROLD DODD	GBR	5:03.81	BUD JACKSON	USA	38:56.19	JOHN HARRISON	GBR
5:29.40	DOMINIK KOZA	GER	17:33.95	ARTHUR THOMAS	AUS	5:26.27	LENNART INGMO	SWE	39:36.67	WALTER PFEIFFER	USA



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50 M. BACK					ARIZ	USA	2:02.77	KAZUYO OHAMA	
56.80 KAZUNAGA AKUTSU	JPN	EMSC	CAN	1:59.48	MARCIE HERZOG			CHIEKO HIGASHI	
56.82 MASAHISA KANEKO	JPN	DEBBIE YOUNGER			TERE DEBREZ			MIEKO MASUDA	
1:00.20 HEINZ SIEGEL	GER	SHARON JOHNSON			LOUISE KEOGH			OAHU KIOICHO	JPN 2:17.71
1:07.13 R.REINSTADTLER	GER	SUSAN EDEY			LAURA VON GLUCK			KEIKO OMAGARI	
1:08.36 JIM TRIOLO	USA	SIUBHAN DRINNAN						KEIKO YAMADA	
1:15.72 DERRICK DAVEY	GBR	DYNAMITE HIPS	JPN	2:00.21	AGE 160-199			HIROKO KAYAMORI	
1:17.21 FUKIO KAMIYAMA	JPN	NATSUKO YAMAUCHI			AZ&PC AMERSFOOR	NED	1:54.42	TOMOKO TAMPO	
1:18.36 ROMAN JEZEK	CAN	RIE INAGUMA			MARJA BLOEMZAAD			BRISBANE NORTH. AUS	2:18.04
1:19.68 FRANK TILLOTSON	USA	HINAKO ORI			PETRA FROWIJN			HELEN CHESSWAS	
1:20.04 RYUZO KADONO	JPN	JUNKO OKOCHI			ATIE PIJTAK			TRACY CLARKSON	
100 M. BACK		WANDSWORTH	GBR	2:03.05	LIDIA VAN BON			K. CLEVELAND	
2:13.40 WOODY BOWERSOCK	USA				HADRIAN MASTERS	GBR	2:00.36	JOYCE WILLS	
2:20.37 JOHN HARRISON	GBR	OTTER	GBR	2:03.42				MSV MUNCHEN	GER 2:18.68
2:33.21 JIM TRIOLO	USA				VIC	CAN	2:02.14	GERLINDE MAUTE	
2:44.97 R.REINSTADTLER	GER	CLUB NAGI	ESP	2:04.63	SARAH MACDONALD			CHRISTA REINHART	
2:46.43 ARTHUR EVANS	AUS	SEGOVIA			AMANDA WRIGHT			A. SCHWEIGER	
2:51.47 RYUZO KADONO	JPN	NIETO			LINDA OWEN			HARRIET BERGER	
2:54.84 ROMAN JEZEK	CAN	MANENT			JUDY WOODWARD			AURO	CAN 2:19.50
3:03.35 FRANK TILLOTSON	USA	ALONSO			IM	USA	2:02.70	JUDY IANNUCI	
3:39.89 BOYD CAMPBELL	USA	SWIM KENTUCKY	USA	2:05.22	HEIDI TOFT			WENDY CIMARNO	
3:55.84 ALEX CLARKE	AUS	ALEXANDRA NIETO			CYNTHIA JONES			WENDY DUCK	
200 M. BACK		KATIE O'BRIEN			SOLVEIG SULLIVAN			SUSAN ALLEN	
4:42.14 JOHN HARRISON	GBR	LESLIE WEETER			ANDREA BLOCK			CN MARSEILLE	FRA 2:19.59
5:14.58 R.REINSTADTLER	GER	SARAH BELTRAME			SC DINSLAKEN	GER	2:04.52	AMINA GUGLIELMI	
5:15.47 HEINZ SIEGEL	GER	ACAD. DA PRAIA	BRA	2:05.70	SYLVIA WEBER			M. NOELLE JOLLY	
5:20.35 JIM TRIOLO	USA				INGRID TSCHERNY			CATHERINE VERANE	
6:53.68 FRANK TILLOTSON	USA	AMERICA F.C.	BRA	2:06.34	M. SCHULZ-RISSEL			SOPHIE RAMOGER	
6:54.45 ROMAN JEZEK	CAN				SIMONE KORTHAUER				
10:24.57 F. STEIMBRUGGEN	ESP	CIA ATHLETICA	BRA	2:07.18	DJK SPORTBUND R	GER	2:05.54	AGE 240-279	
50 M. BRST		ANA FERREIRA			SUSAN CALMUS			SG NEUKOLLN BER	GER 2:20.32
1:08.25 HEINZ SIEGEL	GER	FERNANDA PASTOR			USCHI ARLICH			MARGA SCHULZE	
1:10.10 DERRICK DAVEY	GBR	ANDREA OLIVEIRA			ROSEMARIE CALMUS			RUTH STUBERT	
1:11.35 ARTHUR EVANS	AUS	SIMONE NAKANO			INES WIEGAND			MONIKA SENFTLEBEN	
1:11.82 JIM PANTON	CAN				SG WISTE	GER	2:05.56	BRIGITTE MERTEN	
1:12.35 MASAHISA KANEKO	JPN	AGE 120-159			CLAUDIA LIPSKI			VMST	USA 2:21.40
1:16.74 ROMAN JEZEK	CAN	GOLD RUSH	JPN	1:51.37	SANDRA STUHR			BETH SCHREINER	
1:36.35 R.REINSTADTLER	GER	MIHO OKUHARA			MARTINA HOMEYER			BARBARA ZAREMSKI	
1:39.02 FRANCESC TATJER	ESP	YUKIKO OZAWA			KARIN SEICK			JOANN LEILICH	
2:13.75 FRANK TILLOTSON	USA	CHIHIRO SAITO			GOLD	USA	2:05.93	LISA BENNETT	
5:11.33 RUBEN BERG	USA	NAHOMI ERIGUCHI			AMY DIEBLER			ISLAND TAKATSUK	JPN 2:25.63
100 M. BRST		IM	USA	1:52.10	ANNE LABORWIT			MICHIKO OTO	
2:44.14 DERRICK DAVEY	GBR	NADINE DAY			CELIA DEVANNEY			KIYOKO IKEUCHI	
2:50.24 ROMAN JEZEK	CAN	HEATHER LINGNER			PEGGY MCDONNELL			HISAKO SATO	
2:51.73 JIM PANTON	CAN	JENNIFER RIDGE			EN TOURS	FRA	2:06.72	KAZUE OZAKI	
2:59.28 ARTHUR EVANS	AUS	ZSEJKE TUSA			HELEN MARCADET			JUEI CLUB	JPN 2:26.38
3:48.16 R.BEON	CUB	OTTER	GBR	1:56.40	ELISABETH BEUCHER			TERUKO NISHISAKO	
5:09.74 FRANK TILLOTSON	USA				CLAUDE VIALLE			HARUMI MASUOKA	
200 M. BRST		NCMS	USA	1:57.79	SYLVIE LE NOACH			MIYOKO IMURA	
5:57.46 MASAHISA KANEKO	JPN	HEATHER HAGEMAN			NCMS	USA	2:06.94	YURIKO NAGAMATSU	
6:18.26 ROMAN JEZEK	CAN	CHRISTY HALL			PATRICIA ROHNER			OAHU KIOICHO	JPN 2:26.55
6:25.92 JIM PANTON	CAN	STACI INSCORE			BEVERLY AMICK			KEIKO YAMADA	
8:06.28 R.BEON	CUB	ERIKA BRAUN			ROBIN BATCHELOR			HIROKO OTSUBO	
50 M. FLY		AINOSENSHI	JPN	1:59.26	SUSAN WALSH			KEIKO ABE	
1:10.34 HEINZ SIEGEL	GER	YUKI WAKUI			AGE 200-239			HIROKO KAYAMORI	
1:11.57 TOKUSHI KOMEDA	JPN	MIKI TAKAYAMA			PNA	USA	2:11.30	TECH	CAN 2:30.59
1:21.55 JOHN HARRISON	GBR	TOMIKO MATSUO			LISA DAHL			KATHY MILNE	
200 M. I.M.		CHIYOMI TANAKA			SARAH WELCH			PAT NIBLETT	
5:02.64 TOKUSHI KOMEDA	JPN	GOIAS MASTERS	BRA	1:59.30	KATHRINE CASEY			PAT DAVIS	
*****		ALINE SOSTAG			DEBBIE GLASSMAN			MARGARET BAKISH	
M E N 95-99		CARLA MELO			SWIM NETWORK	JPN	2:12.01	HAKUYO S	JPN 2:30.78
*****		ISABELE VIANNA			MISA FUNATSU			FUMIKO NAKAMURA	
50 M. FREE		ANNA MELO			MASAKO ENZAN			KEIKO KADOKURA	
1:59.14 HANS HAHN	GER	ETOB	CAN	1:59.69	YUMIKO SAEKI			MITSUOKO HAYASHI	
50 M. BACK		KATHY RENARD			KEIKO NAGANO			CHIYOMI GEMBA	
1:56.44 HANS HAHN	GER	DAWN ORR			ISF	USA	2:12.29	BRISBANE NORTH. AUS	2:32.23
100 M. BACK		JOAN SHAW			KARLEN TREBESINER			K. CLEVELAND	
4:12.55 HANS HAHN	GER	CINDY BERTELINK			C GETTELFINGER			TRACY CLARKSON	
*****		PETRA DUDA	SV NEPTUN HERNE GER	1:59.74	SUSAN MEYERS			SHIRLEY KERR	
M E N 100-104		ANDREA ROGALLA			ANN SCHNIEDERS			JOYCE WILLS	
*****		TANJA BLOCH			GAJA	USA	2:15.14	SC OSC	JPN 2:33.23
*****		TANJA WEISSMULLER			CECE CARLTON			RITSUKO SUGIMURA	
RELAYS: WOMEN 200 M. FREE		AMA REPUBLIC	JPN	2:01.62	CAROL PAKCHAR			SACHIKO TSUKADA	
*****		SATOMI KADOKURA			SKIPPY MATTSON			MISAO MATSUMOTO	
AGE 100-119		AKIKO KAWAGUCHI			F WILLIAMSON			MIYUKI UMEDA	
BARNET COPTHALL GBR	1:57.03	NORIKO KARAKAMA			HAKUYO S	JPN	2:17.61	KSG SUIZU SS HO JPN	2:34.16
		YOKO YANAGISAWA			NATSUKO EBISAWA			SADAKO KUBO	
								KATSUKO YASUNARI	



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FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2004

VMST	USA	2:59.92	FRANCK LAVIEILLE			T.BENNINGHOFF			JOSE FERREIRA		
LUCILLE GRIFFIN			C.R.FLAMENGO	BRA	1:42.14	FRANK IRMER			CESAR VIEIRA		
JOHNNIE DETRICK			MARCIO MOTTA			MINAS T.C.	BRA	1:45.89	MARCIO SILVA		
KITTEN BRAATEN			ALBERTO MOTTA						PAULO MOTTA		
BARBARA ZAREMSKI			GUSTAVO MELLO						HAKUYO S	JPN	1:53.64
			CLAUDIO MOTTA						HIROSHI NAKANO		
AGE 280-319			MC SHIZUOKA	JPN	1:42.36	AGE 160-199			SADAO SAJIKI		
ISLAND TAKATSUK	JPN	3:14.08	MASATSUGU SUZUKI			NEM	USA	1:40.89	TAKASHI TERAOKASHI		
KEIKO FUJIMOTO			T.MATSUHAMA			MICHAEL ROSS			KOICHI MATSUMOTO		
KAZUMI KUWATA			YOSUKE EZOE			JEREMY GROSS			NEM	USA	1:53.88
HISAKO SATO			MASARU SUGIYAMA			STUART CROMARTY			HOMER LANE		
KIYOKO IKEUCHI			KONAMI AOBADAI	JPN	1:43.36	STEVE MELTZ			DANIEL ROGACKI		
SUNWAY YOKOHAMA	JPN	3:15.13	EISUKE KAWABE			IM	USA	1:44.48	PAUL FULLER		
SHIGEO TANAKA			TOYOKAZU HOSHINO			DAVE GIBSON			RICK BATTISTINI		
MASAE KURATA			HIROAKI KAGEI			BOB YOUNG			CN MARSEILLE	FRA	1:54.68
SHOJO YONEZAWA			HIRAKI SATO			THOMAS MC CABE			THIERRY CHANOINE		
HIROKO OKU			SAPPORO BUILD	JPN	1:43.72	MATT KELLER			HENRI VIDIL		
ARIZ	USA	3:15.39	TAKAARI HANADA			GAJA	USA	1:44.52	GEORGES KOESSLER		
EDIE GRUENDER			T.MATSUSHITA			BOB BUGG			NICOLAS POISSIER		
NANCY KINNEY			MASAYUKI OGURA			BRIAN PAKKALA			SOUTHPORT	GBR	1:55.28
CAROL TAYLOR			Y.TAKAHASHI			MIKE REID					
SALLY BOLAR			CFST	CAN	1:43.78	CHRIS WEISSMAN					
SC DUSSELDORF	GER	3:16.97	JONATHAN HOWARD			EMSC	CAN	1:44.95			
INGRID LANGE			MARTIN LAUNIERE			KEVIN GOLIGHTLY			AGE 240-279		
INGEBORG FRITZE			GARTH SINDRAY			DIRK SMITH			C.R.ICARAI	BRA	1:57.40
HEIDI GUHL			JIM KELLY			BARRY LEWIS			JOSE FERRAZ		
U.MEYER-TONDORF			PERNAMBUCO MAST	BRA	1:44.20	BARRY SARETSKY			MARCO SILVA		
WIN FUKUSHIMA	JPN	3:18.39	JOEL MESQUITA			NCMS	USA	1:45.00	LUIZ FIGUEIREDO		
AIKO GOTO			ROMULO JORDAO			JON BLANK			PAULO MOTTA		
YOKO SAKUMA			BRUNO SILVA			JONATHAN KLEIN			GOLD	USA	1:57.84
YOSHIKO ITO			FABIO MELO			TODD DIMSDALE			DAVID OWEN		
YOSHIKO SATO			WELLNESS SPORTS	JPN	1:44.76	FRITZ LEHMAN			DAVID MCINTYRE		
OAHU KIOICHO	JPN	3:20.30	TOMOHIRO NAKANO			CIA ATHLETICA	BRA	1:46.49	GEIR INGOLFSTRUD		
KEIKO YAMADA			YUKI NAKANO			VITOR CORDEIRO			DAVID QUIGGIN		
NORIKO YATSUNAMI			YOSHIKAZU KATAOKA			HELIO CELIDONIO			SV POSEIDON HAM	GER	1:59.01
NOBUE MUTO			KEISUKE KUGA			RICARDO PADILHA			DIRK COHRS		
KIYOE KOYAMA						ROBERTO SILVA			SIEGFRIED MASULA		
SPENCER	GBR	3:22.44	AGE 120-159			MURASAKI SPORTS	JPN	1:46.92	DIETER SEIFERT		
			NCMS	USA	1:39.71	YOSHIHIRO KISHI			WOLFRAM GOTTFRIED		
LYNGBY F-DAMER	DEN	3:24.96	JEFF MURRAY			MAKIO ENDO			MSV MUNCHEN	GER	1:59.28
E.KETELSEN			HENRY STEWART			MASASHIRO OKOSHI			ECKHART HAENSEL		
LIS KNUTZEN			ANDREW FARRELL			M.KATAKEYAMA			HERBERT GRUBER		
VIVIANNE KOFOD			RAZVAN PETCU			FACT	USA	1:47.27	PETER FRENZEL		
GRETHE BENDTSEN			WITH H	JPN	1:40.58	MARK DRENNEN			ROLF GITTER		
S CONNECTION	JPN	3:26.79	SHINGO SEKIGUCHI			MARK CALVERT			HAKUYO S	JPN	1:59.56
HISAKO KOBAYASHI			BRIAN STARFORD			BRIAN STARFORD			HIROSHI NONAKA		
KIKUKO NAGASAWA			NORIYUKI KAGAMI			THOMAS BLISS			TAKASHI TERAOKASHI		
YOSHIE YUZAWA			HIROYUKI NAKAMURA			SV FRIEDRICHSHA	GER	1:47.33	SADAYUKI WAKAI		
MOTOKO ARAKAWA			NORIHISA KAJITANI			THILO ALBRECHT			KOICHI MATSUMOTO		
MANLY MASTERS	AUS	3:47.43	KONAMI HAMAMATS	JPN	1:43.16	ROBERT BERGER			SV SCHWABISCH	GER	2:00.52
FAYE SEENEY			K.MATSUURA			MANFRED KODER			GERHARD BUTTNER		
BARBARA VICKERS			SHOJI NAKANISHI			HARTMUT BERNER			SIEGFRIED WENDEL		
LIZ WALLIS			M.SAKAKIBARA			NOVA	USA	1:47.55	MANFRED BIHR		
SUE JOHNS			TORU ONODA			TIM SHUMATE			ROLAND AUBELE		
			C N SABADELL	ESP	1:43.48	PAUL CARTER			OAHU KIOICHO	JPN	2:03.85
			CASSA			JASON DUNHAM			MASARU IGARASHI		
AGE 320-359			DIEZ			WILIAM WHERRITT			TOYOHISA NANIWA		
OAHU KIOICHO	JPN	4:35.35	ROYO						MASAYASU KAMIYA		
YOSHIKO WATANABE			AMA REPUBLIC	JPN	1:43.73	AGE 200-239			MASATERU ISA		
SUMIKO YANAGISAWA			KATSUHIRO YAZAWA			FACT	USA	1:50.08	HEART OF ENGLAN	GBR	2:05.08
AKIKO ONOHARA			KAZUO DOMEKI			DAVID HEFNER			NS1	NZL	2:05.72
KATSUE EBATO			SHIGERU HAYASHI			TIMOTHY CARROLL			IAN GUNTHERP		
YOKOHAMA SUIEIK	JPN	6:46.70	MASAKATSU USAMI			ROBERT NAGLE			DON BIDWELL		
MASAKO MATSUNO			ACAD.DA PRAIA	BRA	1:44.29	CARL HAWKINS			BARRY YOUNG		
AKI UMINO			C.R.FLAMENGO	BRA	1:44.36	SOSHIGAYA	JPN	1:51.63	JOHN SCHACKLETON		
TOSHIKO UEDA			FREDERICO PADILHA			TAKASHI SUZUKI			MSBC	CAN	2:07.15
MICHIKO TEJIMA			ALBERTO MOTTA			HIROOKI AOKI			TIM ARNHOLZ		
*****			CLAUDIO MOTTA			Y.NISHIHARA			PATER BELL		
RELAYS: M E N 200 M. FREE			MARCIO MOTTA			HIROYUKI AMAZAKI			JOHN GRAVE		
*****						NCMS	USA	1:52.38	BARRY DAVIS		
AGE 100-119			SSK ASCHAFFENB	GER	1:45.02	HILL CARROW					
ACAD.DA PRAIA	BRA	1:40.21	THOMAS EHRHARDT			GEORGE COXHEAD			AGE 280-319		
WORCESTER	GBR	1:40.22	PAUL KONRAD			DONALD GILCHRIST			NCMS	USA	2:09.77
			STEFAN GRASMANN			ROBERT SCHMITZ			CLARKE MITCHELL		
NEPTUNE CLUB	FRA	1:40.98	IGOR MISOVIC			FLUMINENSE F.C.	BRA	1:52.39	JOHN KORTHEUER		
GREGORIE LARTIGOT			SC DINSLAKEN	GER	1:45.64	HEART OF ENGLAN	GBR	1:53.20	DICK WEBBER		
CYRILLE DEAU			TIM SPIWOKS			T.C.CAMPINAS	BRA	1:53.59	JERRY CLARK		
TRISTAN WAGNER			UDO SPIWOKS						JUEI CLUB	JPN	2:12.38



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2004

YOSHIHIRO YANASE	NCMS	USA	8:55.76	MARCOS BISSIOTTO			THOMAS BLISS		
SHOSHIN MORI	BOYD CAMPBELL			KONAMI HAMAMATS	JPN	1:56.51	T.C.CAMPINAS	BRA	2:05.59
KEIJIRO NAKAMURA	MARTIN RUTTER			M.SAKAKIBARA			MARCIO SILVA		
YUZO HAMADE	HAROLD HOFFMAN			MASASHI IKENO			CESAR VIEIRA		
SV POSEIDON HAM	JAMES SCHERBARTH			K.MATSUURA			PAULO MOTTA		
HEINZ WITTIG	*****			SHOJI NAKANISHI			JOSE FERREIRA		
JOCHEN COELIUS	RELAYS: M E N 200 M. MEDLEY			TSV 1850 LINDAU	GER	1:56.70	CN MARSEILLE	FRA	2:06.72
GUNTER LIEDTKE	*****			GREGOR SPENGLER			THIERRY CHANOINE		
WOLFRAM GOTTFRIED	AGE 100-119			MIRKO BANDLOW			PATRICK LUSIEN		
WCM	WORCESTER	GBR	1:51.50	MICHAEL JESCHKE			GEORGES KOESSLER		
WILLIAM JOHNSTON				REINHOLD POHL			JEAN BATTILANA		
A EMORY HAWORTH	GOLD RUSH	JPN	1:52.81	TEAM DASH	JPN	1:56.88	GAJA	USA	2:07.21
ROBERT MAYO	KENTARO NAKAMURA			T.WATANABE			BOB COUCH		
JAMES DE LACY	HAJIME MIZUMA			TAKASHI HIRAKAWA			DAVID ELLWANGER		
FLUMINENSE F.C.	KOICHI MASUDA			SHOGO HIBARA			ROBERT BROWN		
SAUL BIRMAN	TATSUAKI SHIRATA			KEIICHI KIYOTA			CLAYTON ANGELL		
ARAN BOGHOSSIAN	ACAD.DA PRAIA	BRA	1:53.38	ACAD.DA PRAIA	BRA	1:57.06	SG DORTMUND	GER	2:08.03
ZAVEN BOFOSSIAN							JURGEN KONNEKER		
ANTONIO SOUZA	C.R.FLAMENGO	BRA	1:53.62				RAINER OPITZ		
KSG SUIZU SS HO				AGE 160-199			HANS-PETER BELLEN		
AKIO IGAKI	NEPTUNE CLUB	FRA	1:55.08	NEM	USA	1:54.30	MARKUS REINHARDT		
KOJI SASAHARA	TRISTAN WAGNER			MICHAEL ROSS			HAKUYO S	JPN	2:08.20
SHOJI IKEDA	FRANCK LAVIEILLE			DANIEL ROGACKI			HIROSHI NONAKA		
H.YASUNARI	GREGORIE LARTIGOT			JEREMY GROSS			HIROSHI NAKANO		
SG REMSCHEID	CYRILLE DEAU			STUART CROMARTY			SADAO SAJIKI		
GER				NCMS	USA	1:55.03	MITSUO HIRASAWA		
ERICH DILFER	C.R.ICARAI	BRA	1:55.73	FRITZ LEHMAN			PALM	USA	2:08.25
EMIL PLESNIK	GUSTAVO MELLO			TODD DIMSDALE			HUGH WILDER		
MANFRED BICKEL	MARCIO MOTTA			HENRY STEWART			DAVID PARLER		
RUDI VAN ESS	CLAUDIO MOTTA			JONATHAN KLEIN			JOE SHAKE		
SSV LEUTZSCH	ALBERTO MOTTA			NOVA	USA	1:56.84	TRENHOLM WALKER		
GER				TORD BENNER			SDSM	USA	2:09.29
WOLFGANG SIEBER	WELLNESS SPORTS	JPN	1:56.58	G VON HOFFMANN			GERALD LIVINGSTON		
SIEGFRIED KLHNER	TOMOHIRO NAKANO			FRANK WASKO			CHRIS DIXON		
GOTTFRIED KLARING	KEISUKE KUGA			JIM PHALAN			MIKE FRESHLEY		
WALTER LEX	YOSHIKAZU KATAOKA			GAJA	USA	1:57.11	JAMES NEY		
WF FULDA 1923	YUKI NAKANO			BOB BUGG			SG GLADBECK	GER	2:09.50
GER				CHRIS WEISSMAN			DIRK MISIA		
ERNST SUNDERMANN	PERNAMBUCO MAST	BRA	1:59.17	MIKE REID			PETER KAUCH		
HANS SCHLOTT	BRUNO SILVA			JOHN FIELDS			HERBERT BLOCH		
HORST RIEDEL	FABIO MELO			SAAR MAX RITTER	GER	1:57.76	HELMUT RICHTER		
HORST EXNER	FERNANDO JUNIOR			GRORG GUNTHER					
TACHIKAWASHI SU	ROMULO JORDAO			DIETMAR KLEE			AGE 240-279		
JPN				FRANK WEBER			O'H*	USA	2:11.60
2:26.04	CFST	CAN	1:59.28	THOMAS MAYER			YOSHI OYAKAWA		
JUNJI MONJAKU	MARTIN LAUNIERE			HAKUYO S	JPN	1:58.65	JACK GROSELE		
TSUTOMU MIYAUCHI	YANNICK ROBERT			MOTOMU SUZUKI			BOB SINSHEIMER		
SUEO YAMAGUCHI	JIM KELLY			MAKOTO SENDA			PETER VAN DIJK		
YUSUKE SAYAMA	JONATHAN HOWARD			KOJI HASHIMOTO			SV POSEIDON HAM	GER	2:16.39
	BE SPORTS 25 KU	JPN	1:59.30	KOICHI MATSUMOTO			DIRK COHRS		
AGE 320-359	KAZUHIRO NAKAMURA			FRIEDRICHSHAFEN	GER	2:00.18	SIEGFRIED MASULA		
JUEI CLUB	J.NAKAMURA			MANFRED KODER			DIETER SEIFERT		
JPN	KENJI WATANABE			ROBERT BERGER			WOLFRAM GOTTFRIED		
2:25.12	MASAYUKI OKUMURA			HARTMUT BERNER			NS1	NZL	2:18.05
SHOICHI SHIDA				THILO ALBRECHT			BARRY YOUNG		
KEIJIRO NAKAMURA				MURASAKI SPORTS	JPN	2:00.28	DON BIDWELL		
KATSUZO SHIRAYAMA				M.HATAKEYAMA			JOHN SCHACKLETON		
ISAMU TAMURA				NORIYUKI SATO			IAN GUNTHERP		
FACT	AGE 120-159			MASAHIRO OKOSHI			MSV MUNCHEN	GER	2:18.34
USA	WITH H	JPN	1:51.46	YOSHIHIRO KISHI			FRANK HESBACHER		
JOHN CORSE	SHINGO SEKIGUCHI			EMSC	CAN	2:00.90	WERNER LECHNER		
ROBERT SIGERSMITH	TETSU IWAKI			JIM MACDONALD			PETER FRENZEL		
ROGERS HOLMES	HIROYUKI NAKAMURA			TIM FLOYD			ROLF GITTER		
EDWIN GRAVES	NORIHISA KAJITANI			BARRY SARETSKY			FACT	USA	2:18.91
TWIN TOWNS	NCMS	USA	1:54.12	KEVIN GOLIGHTLY			CARL HAWKINS		
AUS	ERIK CRANKSHAW			TCC\RECRA\COMP	BRA	2:02.00	KARL WIEDAMANN		
3:13.98	PETER ZSOLDOS			FRANCISCO FILHO			JAMES REDIC		
GEORGE CORONES	RAZVAN PETCU			AECIO AMARAL			MIKE STOLLMEYER		
JOHN SCARR	ANDREW FARRELL			IVALDO CASAGRANDE			WCM	USA	2:19.28
DOUG CAMPBELL	MINAS T.C.	BRA	1:54.23	LUIZ GUGLIELMO			ROBERT MAYO		
JOHN ASHLEY	C N CATALUNYA	ESP	1:55.39				JIM PERILMAN		
VCSS	GALLASTEGUI						JAMES DE LACY		
CAN	CASALOTS						KEN BURR		
3:30.30	SERRA						HAKUYO S	JPN	2:19.42
HUGH MCGREGOR	AMOROS						HIROSHI NONAKA		
JAMES WARD	C N SABADELL	ESP	1:55.41				SEIKO OKAZAKI		
JIM PANTON	BARDI						TAKASHI TERAKOSHI		
GRANT HALL	ROYO						FUJIO HIROKAWA		
SPM	DIEZ								
USA	CASSA								
3:41.23	I.C.BRASILIA	BRA	1:55.65						
A RAMIREZ-MILLER	FERNANDO COSTA								
ROBERT ATWOOD	ALEX PEDRA								
ABRASHA BRAININ	MARCELO LIMA								
RICHARD AVERY									
FMM									
USA									
3:43.00									
FRANK TILLOTSON									
ROBERT MACDONALD									
ROBERT BLAKE									
AARON KURTZMAN									
AGE 360-399									



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2004

ACAD.DA PRAIA BRA 2:20.10	*****	NICOLAS DUBREUIL	BUDAPEST SENIOR HUN 1:54.45
AMTV HAMBURG 18 GER 2:21.03	RELAYS: MIXED 200 M. FREE	DAMIEN CUCUMEL	MAGDOLNA PATOH
FRANK AHRENS	*****	IM USA 1:48.41	FERENC ERDELYI
HEINZ JENSEN	AGE 100-119	JENNIFER RIDGE	JOZSEF CSIKANY
RUDIGER BAHR	GOLD RUSH JPN 1:43.75	NADINE DAY	MELINDA MAROSI
KARL-LUDWIG REHN	MIHO OKUHARA	BOB YOUNG	WCM USA 1:55.23
OAHU KIOICHO JPN 2:22.45	YUKIKO OZAWA	DAVE GIBSON	LEIANN CRITTENDEN
TETSUO FUNANO	YOSHIHISA SUDO	SAAR MAX RITTER GER 1:48.47	KEN BURR
TERUO IWATA	KENTARO NAKAMURA	K.BEINHAUER	D SCHULTZ-SANTOS
MASAYASU KAMIYA	OTTER GBR 1:45.73	DIETMAR KLEE	JAMES DE LACY
A.KOBAYAKAWA	RN SARONNO D ITA 1:46.87	PIA NEUMERKEL	HEART OF ENGLAN GBR 1:55.94
AGE 280-319	M.MATTACCHIONE	GEORG GUENTHER	TREVOR CLARK
NCMS USA 2:22.68	ELISA GALLI	AINOSENSHI JPN 1:49.40	HAYLEY BETTINSON
CLARKE MITCHELL	A.CASSANI	YUKI WAKUI	ALAN JACKSON
JOHN KORTHEUER	MAURO LANZONI	SHIGEHO NAKAYAMA	MICHELLE DIGE
RICHARD KITCHELL	ESV FRANKFURT/O GER 1:48.20	YASUHIRO OKADA	SAO PAULO BRA 1:57.16
DICK WEBBER	ANKE SEEGER	MIKI TAKAYAMA	JOSE LORO
FLUMINENSE F.C. BRA 2:33.28	STEPHAN ARNDT	D'ANNUNZIO NUOT ITA 1:49.73	AROMA MARTORELL
ZAVEN BOGHOSSIAN	DANA FEHLAND	MASSIMO FELICETTI	FERNANDA PRADO
RINALDO FERREIRA	ENRICO SIX	LUCIA PAOLINI	JOSE FERRAZ
ANTONIO SOUZA	SCHWIMM-CLUB DI GER 1:48.63	ALFONSINA IRACE	MSV MUNSHEN GER 1:59.23
ARAM BOGHOSSIAN	ROLF SPIWOKS	PIERO TANCREDI	ROLF GITTER
OAHU KIOICHO JPN 2:34.75	SIMONE KORTHAUER	AGE 160-199	ANJA RITTER
MAMPEI SEINO	SIMONE DICKMANN	POL. WATERPOLO ITA 1:47.39	HARRIET BERGER
MASAYASU KAMIYA	TIM SPIWOKS	FABRIZIO GRIFFO	FRANK HESBACHER
MASARU IGARASHI	SC DINSLAKEN GER 1:50.14	GIULIA NOERA	GOLD USA 1:59.97
YASUO KANAI	SIMONE DICKMANN	M.UBERTI	DAVID OWEN
KAMAKURA MSC JPN 2:39.32	UDO SPIWOKS	MARCO CONTI	DEBBIE CAVANAUGH
MINORU UEMURA	SIMONE KORTHAUER	POLISPORTIVA NA ITA 1:47.58	CELIA DEVANNEY
TAKAO TSUCHIYA	TIM SPIWOKS	GENNARO LA SALA	DAVID QUIGGIN
YOSHIHIRO NAKANO	BARNET COPTHALL GBR 1:50.23	S.SEMINATORE	VMST USA 2:00.29
SATOSHI TOKUSHIGE	JOE TWYMAN	MARIA ALWINE EDER	LISA BENNETT
WCM USA 2:39.48	L.DAWSON	ROBERTO TARRICONE	G TRACY HERNLEN
ROBERT MAYO	NICOLA MORE	NEM USA 1:47.71	TERRY SUE M GAULT
JIM PERILMAN	MATTEW ROBINSON	JEREMY GROSS	JEFFREY KRONGAARD
A EMORY HAWORTH	SAO PAULO BRA 1:50.52	LEIGH WIKI ROYDEN	NCMS USA 2:01.97
FRED TRASK	FABIO MELO	TRACY GRILLI	ROBERT SCHMITZ
SSV LEUTZSCH LE GER 2:40.08	SAMANTHA SIMON	MICHAEL ROSS	BEVERLY AMICK
SIEGFRIED KOHLER	ELAINE GUEDES	PERU MASTER SWI PER 1:47.98	ERNIE GLASS
WALTER LEX	MARCO SOUSA	JORGE ARIAS	KIM STOTT
WOLFGANG SIEBER	ASA MASTER CINI ITA 1:50.90	ROSARIO VIVANCO	SG NEUKOLLN BER GER 2:01.99
G.KLAERING	ANGELO PELLEGGATTA	SANDRA CROUSSE	MARIO SONNENBERG
C.R.FLAMENGO BRA 2:43.64	ELENA BROCCHI	F.RODRIGUEZ	BRIGITTE MERTEN
WF FULDA 1923 GER 2:44.49	SIMONE BATTISTON	NOTTINGHAM LEAN GBR 1:49.79	RUTH STUEBERT
HUBERT RIEDEL	CLAUDIA MARIANI	KEVIN HARRISON	KLAUS MERTEN
HANS SCHLOTT	WANDSWORTH GBR 1:52.09	MAGGIE HOHMANN	AGE 240-279
HORST EXNER	AGE 120-159	JOANNE BULLOCK	HEART OF ENGLAN GBR 2:05.12
ERNST SUNDERMANN	AZ&PC AMERSFOOR NED 1:42.44	MIKE BRETT	JOHN TENNANT
SG REMSCHEID GER 2:45.99	ANNABEL KOSTEN	BUDAPEST SENIOR HUN 1:50.07	ELAINE BROMWICH
ERICH DILFER	CHESTER MARSMAN	HAJNALKA CZIFRIK	JUDY WILSON
MANFRED BICKEL	TAMARA VAN GORKOM	ISTVAN MARTON	BOB. LORD
RUDI VAN ESS	EDWIN VAN NORDEN	CSILLA CSIKANY	SPENCER SWIM TE GBR 2:05.39
EMIL PLESNIK	PCWKS B RUS 1:45.57	ATTILA BEAK	A.CHERRINGTON
HAKUYO S JPN 2:48.54	OXANA BRONITSKAIA	AQUATIC FORUM B ITA 1:50.21	JEAN HOWARD JONES
TOSHIMI INATOMI	DMITRIY RUBTSOV	STEFANIA CORVO	CAROL FELLOWS
KENSUKE SATO	EKATERINA YUDINA	MARCO STENTELLA	DUNCAN MCCREADIE
TOSHIYASU INUKAI	KONSTANTIN DYLDIN	MICHELA DELL OTTI	GOLD USA 2:06.96
SATOSHI FUJITA	CLUB EMIL FRIED VEN 1:46.73	A.LAVEGLIA	PEGGY MCDONNELL
AGE 320-359	M.RIVERA	N.LEANDER GBR 1:50.52	ALAN RAPPERPORT
JUEI CLUB JPN 2:58.38	MARCO RUBERTELLI	HSG UNIVERSITAT GER 1:50.55	ANNE LABORWIT
KEIJIRO NAKAMURA	C.FERNANDEZ	HOLGER MUNDT	DAVID MCINTYRE
KATSUZO SHIRAYAMA	RAFAEL MANZANO	ANETT EHLERT	SOIK HELLAS SWE 2:08.23
SHOCHI SHIDA	ASV WUPPERTAL B GER 1:47.39	ANGELA ZINGLER	OLLE BUREBO
ISAMU TAMURA	JOCHEN BRUHA	RENE PLAESCHKE	MARGIT OHLSSON
FACT USA 3:41.71	TOBIAS HAHN	MOLINELLA NUOTO ITA 1:50.80	HARRIET BURE
ROBERT SIGERSMITH	KAJA-WINKE PISTEL	L.DRAGHETTI	BENGT FURBERG
JOHN CORSE	DANIELA RUDOLPH	SUSAN SKIFF	BUDAPEST SENIOR HUN 2:08.98
ROGERS HOLMES	STADE FRANCAIS FRA 1:47.54	SILVIA PAROCCHI	MIKLOS KOVATS
EDWIN GRAVES	A.DUBREUIL	MICHELE BERNARDI	EVA ANGYALFOELDI
SPM USA 4:20.09	CAROLE CUCUMEL	AGE 200-239	MARIA BALLA
ROBERT ATWOOD	NICOLAS DUBREUIL	NEM USA 1:49.85	LASZLO CSABA
RICHARD AVERY	DAMIEN CUCUMEL	HOMER LANE	O*H* USA 2:10.83
ABRASHA BRAININ	SFO COURBEVOIE FRA 1:47.54	JACKI HIRSTY	JACK GROSELLE
A RAMIREZ-MILLER	ANNE DUBREUIL	JOEL FELDMANN	NANCY WAITE
	CAROLE CUCUMEL	STUART CROMARTY	MELINDA SMITH
			YOSHI OYAKAWA
			SOUTHPORT GBR 2:12.74



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2004

WITCHMONSTERS JPN 2:13.00	RUTH BAAR JURGEN SCHMIDT	TSV 1850 LINDAU GER 2:05.46	IM USA 2:00.80
HIDEO TANAKA	NEM USA 2:57.49	MARC AIGNER	DAVE GIBSON
KAYOKO KOGUCHI	JAMES EDWARDS	MIRKO BANDLOW	NADINE DAY
MINEKO NAKAI	BILLIE AN BURRILL	SANDRA ALBRECHT	JENNIFER RIDGE
MITSUYA KANESAKA	PETHEY H SMITH	KATRIN LOHMEYER	THOMAS MC CABE
OAHU KIOICHO JPN 2:14.14	F TED HAARTZ	C.R.FLAMENGO BRA 2:05.69	GAJA USA 2:01.59
MASATERU ISA	SUNWAY YOKOHAMA JPN 2:58.96	SC DINSLAKEN GER 2:05.85	TIFFANY TAULBEE
MASAYASU KAMIYA	SHOGORO AZUMA	TIM SPIWOKS	CHRIS WEISSMAN
HIROKO KAYAMORI	MASAE KURATA	UDO SPIWOKS	BOB BUGG
KEIKO OMAGARI	YOKO SUGIYAMA	SIMONE DICKMANN	BETH MC GEE
SG NEUKOLLN GER 2:15.26	MINORU NAGASHIMA	SIMONE KORTHAUER	BUDAPEST SENIOR HUN 2:01.60
REINHARD ROSADA	RIO MASTER B BRA 3:03.80	AGE 120-159	CSILLA CSIKANY
MONIKA SENFTLEBEN	LUZIA CARACCILOLO	ZURICH SUI 1:54.08	GABOR CSABA
MARGA SCHULZE	NORA RONAI	PCWKS A RUS 1:57.53	MELINDA MAROSI
HEINZ DEKARA	ARAM BOGHOSSIAN	OXANA BRONITSKAIA	ZOLTAN HORVATH
AGE 280-319	ZAVEN BOGHOSSIAN	DMITRIY RUBTSOV	NOTTINGHAM LEAN GBR 2:02.91
JUEI CLUB JPN 2:18.24	YOKOHAMA SUIEIK JPN 3:31.07	EKATERINA YUDINA	MIKE BRETT
SHOSHIN MORI	TOSHIKO AMANO	KONSTANTIN DYLDIN	MAGGIE HOHMANN
KEIJIRO NAKAMURA	AKIRA MATSUNO	GOLD RUSH A JPN 1:58.58	KEVIN HARRISON
MIYOKO IMURA	CHIYOKO TAKIZAWA	KENTARO NAKAMURA	JOANNE BULLOCK
YURIKO NAGAMATSU	HISAO NAKAI	TOMOMI MIYAZONO	SAO PAULO MASTR BRA 2:03.37
SOIK HELLAS SWE 2:21.52	WCM USA 3:31.69	YOSHIHISA SUDO	FLAVIA PRADA
MATTHIAS KRONER	BILL JOHNSTON	NAHOMI ERIGUCHI	NEWTON KAMINSKI
KERSTIN GJORES	RICHARD SMITH	AINOSENHI JPN 2:00.20	RICARDO SANTOS
BRITT GRILLI	JAE HOWELL	YUKI WAKUI	MONICA FRANCO
PETER BERGENGREN	SALLY MORNOR	NARIHITO WAKUI	AQUATIC FORUM A ITA 2:03.77
OAHU KIOICHO JPN 2:29.11	SUNSHINE COAST AUS 3:42.83	MIKI TAKAYAMA	STEFANIA CORVO
MASARU IGARASHI	AILSA DUNCAN	TOMOHIRO ONO	MARCO STENTELLA
YASUO KANAI	NORMA RUDOLPH	RN SARONNO A ITA 2:00.61	MICHELA DELL OTTI
NOBUE MUTO	ARTHUR EVANS	FEDERICO FREGO	A.LAVEGLIA
KIYOE KOYAMA	GEORGE STEWART	FABIO CAVALLI	SODERTALJE SS SWE 2:04.25
FMM USA 2:36.36	TWIN TOWNS AUS 3:48.12	STEFANIA MASIA	VEIKKO MATTOLA
JAMES BROWNE	ARTHUR THOMAS	A.CASSANI	RONNY OLTNER
MARGARET HOMANS	GEORGE CORONES	WANDSWORTH A GBR 2:01.29	SOFI NYGREN
ROBERT BLAKE	VAL SMITH	ELEONOR THOMSON	SUSAN SUTCLIFFE
JEAN TROY	JO HEATH	MARTIN JURCO	AGE 200-239
THE ONTARIO MAS CAN 2:36.38	SOIK HELLAS SWE 3:55.39	GUY DAVIS	NEM USA 2:08.64
MARTIN STUART	B.HJALMARSSON	C.GAMBLE	JOEL FELDMANN
CHRISTOPHER SMITH	BJORN WENNBERG	STADE FRANCAIS FRA 2:01.47	DANIEL ROGACKI
JUDIE OLIVER	LENNART INGMO	NICOLAS DUBREUIL	STUART CROMARTY
PATRICIA NIBLETT	EVA TORNGREN	CAROLE CUCUMEL	JACKI HIRSTY
WCM USA 2:37.43	*****	DAMIAN CUCUMEL	SG NEUKOLLN BER GER 2:12.88
WILLIAM JOHNSTON	RELAYS: MIXED 200 M. MEDLEY	A.DUBREUIL	ROBERT STUEBERT
JOAN ALEXANDER	*****	WITH H JPN 2:01.84	MONIKA SENFTLEBEN
ROBERT MAYO	AGE 100-119	SHINGO SEKIGUCHI	BRIGITTE MERTEN
MARTHA ALEXANDER	GOLD RUSH JPN 1:56.72	NORIYUKI KAGAMI	KLAUS MERTEN
BUDAPEST SENIOR HUN 2:38.49	KENTARO NAKAMURA	NORIKO OSUGI	BUDAPEST SENIOR HUN 2:12.89
FERENC LATIN	YOSHIHISA SUDO	TOMOKO OGAWA	JUDIT BARANYI
ILONA KASZONYI	MIHO OKUHARA	ASV WUPPERTAL A GER 2:01.87	PETER BALASY
REKA UZDI	YUKIKO OZAWA	JOCHEN BRUHA	LASZLO CSABA
ANDRAS GERMAN	CLUB EMIL FRIED VEN 1:58.28	MATTHIAS MILLERS	HAJNALKA CZIFRIK
NCMS USA 2:39.69	M.RIVERA	DANIELA RUDOLPH	WCM USA 2:13.89
SANDRA KREMER	J.CAMERA	KAJA-WINKE PISTEL	D SCHULTZ-SANTOS
ALICE JONES	C.FERNANDEZ	SKK SWE 2:02.58	LEIANN CRITTENDEN
JOHN KORTHEUER	RAFAEL MANZANO	CAMILLA PETERSSON	JAMES DE LACY
DICK WEBBER	SCHWIMM-CLUB DI GER 2:01.89	PER NORLIN	KEN BURR
DREAM SC JPN 2:39.77	ROLF SPIWOKS	LARIN LARKA	HEART OF ENGLAN GBR 2:14.37
SHIRO KOJIMA	TIM SPIWOKS	MATS NORLIN	GAJA USA 2:15.95
FUSAKO KATO	SIMONE DICKMANN	AGE 160-199	CAROL PAKCHAR
MUTSUKO KURUSHIMA	SIMONE KORTHAUER	POLISPORTIVA NA ITA 1:56.86	ROBERT BROWN
TATSUO ASAI	ASA MASTER CINI ITA 2:02.63	PAOLO FELOTTI	JOHN FIELDS
O*H*I*O MASTERS USA 2:40.44	CLAUDIA MARIANI	S.SEMINATORE	F WILLIAMSON
NANCY WAITE	SIMONE BATTISTON	ROBERTO TARRICONE	SOIK HELLAS SWE 2:16.94
LILLY KRON	ANGELO PELLEGGATTA	MARIA ALWINE EDER	MARGIT OHLSSON
SID HALL	ELENA BROCCHI	OLYMPIC CLUB B USA 2:00.53	G.CHRISTIANSSEN
YOSHI OYAKAWA	ESV FRANKFURT/O GER 2:03.33	JOAN SCHRIGER	INGVAR ERIKSSON
AGE 320-359	DANA FEHLAND	STUART CORLISS	SONJA HAGLUND
SOIK HELLAS SWE 2:52.02	ENRICO SIX	LAUREN WELTING	ROCHDALE GBR 2:17.82
MARIANNE GRANE	STEPHAN ARNDT	MATTHEW MCKAY	MSV MUNCHEN GER 2:18.16
NILS FERM	ANKE SEEGER	PERU MASTER SWI PER 2:00.59	GERLINDE MAUTE
EVA-BRITT WIDAHLL	ACAD.DA PRAIA BRA 2:03.40	F.RODRIGUEZ	HERBERT GRUBER
NILS KLING	POSEIDON ASCHAF GER 2:03.79	JORGE ARIAS	ANJA RITTER
SBM USA 2:55.56	IGOR MISOVIC	SANDRA CROUSSE	PETER FRENZEL
FRANK PIEMME	INA KWIEZINSKI	ROSARIO VIVANCO	VIC CAN 2:19.33
GRACE ALTUS	THOMAS EHRHARDT		R.ZAJCHOWSKI
	STEFFI KONRAD		



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2004

AVILA RHODES			YOSHI OYAKAWA			JONATHAN DAVIES
LINDA OWEN			LILLY KRON			MARY KEMP
ROD CARMICHAEL			SID HALL			DONALD REDPATH
			NANCY WAITE			
AGE 240-279			NCMS	USA	2:55.79	
HEART OF ENGLAN GBR	2:17.78		SALLY NEWELL			
BOB. LORD			JOHN KORTHEUER			
ELAINE BROMWICH			DICK WEBBER			
JUDY WILSON			SANDRA KREMER			
JOHN TENNANT			SV BLAU-WEISS B GER	2:58.82		
BUDAPEST SENIOR HUN	2:18.34		WALTRAUD MONSTADT			
MARIA BALLA			I.KEUSCH-RENNER			
BELA FABIAN			HELMUT HUNOLD			
JOZSEF CSIKANY			AUGUST DEMUHS			
MAGDOLNA PATOH			OAHU KIOICHO	JPN	2:59.18	
SOIK HELLAS	SWE	2:22.82	MAMPEI SEINO			
MARGIT OHLSSON			YASUKO TSUCHIYA			
OLLE BUREBO			MASAYASU KAMIYA			
HARRIET BURE			NORIKO YATSUNAMI			
BENGT FURBERG			GOLD	USA	3:00.77	
MSV MUNCHEN	GER	2:22.88	DAVID MCINTYRE			
FRANK HESBACHER			DEBBIE CAVANAUGH			
LUISE KNOEPFLE			JUNE KRAUSER			
HARRIET BERGER			NED SMITH			
ROLF GITTER			BUDAPEST SENIOR HUN	3:02.57		
SAO PAULO	BRA	2:26.34	ILONA KASZONYI			
SILVANA ABREU			FERENC LATIN			
CYNTHIA ANDRADE			ANDRAS GERMAN			
PAULO MOTTA			REKA UZDI			
JOSE FERRAZ						
SPENCER SWIM TE GBR	2:26.85		AGE 320-359			
A.CHERRINGTON			SUNWAY YOKOHAMA JPN	3:18.52		
DIANE FORD			SHOGORO AZUMA			
DUNCAN MCCREADIE			Y.MIYAMOTO			
CAROL FELLOWS			SHOKO YONEZAWA			
OAHU KIOICHO	JPN	2:27.11	MASAE KURATA			
KEIKO OMAGARI			SOIK HELLAS	SWE	3:38.19	
TERUO IWATA			NILS FERM			
MASARU IGARASHI			BARBRO THORNELOF			
KEIKO YAMADA			NILS KLING			
SG NEUKOLLN	GER	2:34.32	EVA-BRITT WIDAH			
PETRA HEWELCKE			TWIN TOWNS	AUS	3:40.14	
MONIKA SENFTLEBEN			ALISON WORRAL			
HELMUT BEER			TRICIA LIDDY			
HARALD BESTIAN			GEORGE CORONES			
ISF	USA	2:34.89	ARTHUR THOMAS			
MARTY MENNEN			SBM	USA	3:43.53	
C GETTELFINGER			RUTH BAAR			
MEL GOLDSTEIN			FRANK PIEMME			
SUSAN MEYERS			JURGEN SCHMIDT			
MOST	USA	2:35.47	GRACE ALTUS			
JAN MILLER			RIO MASTER A	BRA	3:49.89	
CHUCK BALDWIN			LUZIA CARACCILO			
SUSAN INGRAHAM			ZAVEN BOGHOSSIAN			
GRAHAM JOHNSTON			ARAM BOGHOSSIAN			
			NORA RONAI			
AGE 280-319			FACT	USA	3:57.38	
JUEI CLUB	JPN	2:39.84	MARJORIE NEWMAN			
KEIJIRO NAKAMURA			ROGERS HOLMES			
TERUKO NISHISAKO			SYLVIA EISELE			
SHOSHIN MORI			EDWIN GRAVES			
YURIKO NAGAMATSU			NORTH LODGE	AUS	4:26.00	
SOIK HELLAS	SWE	2:41.12	TRUDY BULLIVANT			
KERSTIN GJORES			SID KRASEY			
MATTHIAS KRONER			BARBARA BROOKS			
PETER BERGENGREN			TOM REES			
BRITT GRILLI			SUNSHINE COAST	AUS	4:28.16	
SUNWAY YOKOHAMA JPN	2:42.39		AUSTIN BAPTIST			
SHOKO YONEZAWA			ARTHUR EVANS			
TETSU NAKAMARU			AILSA DUNCAN			
T.WATANABE			NORMA RUDOLPH			
MASAE KURATA			SOIK HELLAS	SWE	4:34.73	
HEART OF ENGLAN GBR	2:52.55		EVA TORNGREN			
JOHN DAVIS			LENNART INGMO			
CHRISTINE PERFECT			B.HJALMARSSON			
SEYMOUR BANNING			BJORN WENNBORG			
ELISABETH GREEN			ADELAIDE MASTER AUS	5:01.40		
O*H*I*O MASTERS USA	2:55.36		ALMA BRECKNOCK			