



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2008

*****										31.59	SONIA PORZIEMSKY	FRA	1:06.02	EDITH BELANGER	CAN	2:09.49	VICTORIA NAESS	CAN	
WOMEN 25-29										31.68	LUCY LLOYD-ROACH	GBR	1:06.35	ERIN MCINTYRE	USA	2:13.13	FRANCESCA MANERBA	ITA	
*****										31.74	MARIA HIRSCH	GER	1:06.61	LUCY LLOYD-ROACH	GBR	2:13.54	CARLA ARRUDA	BRA	
50	M. FREE									100	M. BACK			200	M. FLY		2:14.29	SHARNA KING	GBR
26.59	CELINE BAILLOD	SUI	1:03.56	EMILIE JORON	FRA	2:23.53	EDITH BELANGER	CAN	2:14.71	PATRIZIA BORIO	ITA								
26.76	AIMEE RAMM	GBR	1:04.83	CARLA HORST	BRA	2:23.90	VIRGINIE MOUTY	SUI	2:14.82	NUI SEKIYA	JPN								
27.01	FLORENCIA SZIGETI	USA	1:07.01	C.PAGE SABOURIN	FRA	2:27.14	HELEN ASQUITH	GBR	2:15.17	FLORENCE CIOTTI	ITA								
27.10	MAGALI SCHUSTER	FRA	1:07.64	STACY PETERSON	USA	2:28.70	LOUISE STEVENSON	AUS	400	M. FREE									
27.13	MELANIE LABAUNE	FRA	1:07.93	YOSHIMI HAMADA	JPN	2:30.17	MERRITT ADAMS	AUS	4:19.48	HITOMI MATSUDA	JPN								
27.22	KATARIN QUELENNEC	FRA	1:08.02	A.HASSLACHER	GER	2:31.35	MAIKO ONISHI	JPN	4:29.59	CINDY BERTELINK	CAN								
27.27	SONIA PORZIEMSKY	FRA	1:08.33	TAL SHPAIZER	USA	2:31.35	KEI ANDO	JPN	4:35.00	CYNTHIA LEWIN	USA								
27.32	ALEXA BROWN	AUS	1:08.41	SOPHIE QUINET	FRA	2:31.77	CHRISTINE JAEGGI	GBR	4:40.32	VICTORIA NAESS	CAN								
27.46	STACY PETERSON	USA	1:08.57	LINDSEY KROEGER	USA	2:33.63	CLAIRE TINDAL	USA	4:42.66	CARLA ARRUDA	BRA								
27.50	ANNE DALGAARD	DEN	1:08.57	ALISON PEAKMAN	GBR	2:33.68	ROOS VAN ESCH	NED	4:43.94	MICHELA MENEGON	ITA								
100	M. FREE			200	M. BACK			100	M. I.M.										
56.91	A.CISNEROS	USA	2:20.10	CARLA HORST	BRA	1:04.97	CELINE BAILLOD	SUI	4:45.32	FLORENCE CIOTTI	ITA								
57.70	KATARIN QUELENNEC	FRA	2:20.60	EMILIE JORON	FRA	1:06.65	NICOLE HEIDEMANN	GER	4:45.36	FRANCESCA MANERBA	ITA								
58.31	ANNE DALGAARD	DEN	2:25.52	HELEN ASQUITH	GBR	1:06.75	EMILIE JORON	FRA	4:46.77	MICHELLE SENECAL	GBR								
58.35	SARAH HEALEY	GBR	2:26.36	SOPHIE QUINET	FRA	1:06.90	MAGALI SCHUSTER	FRA	800	M. FREE									
58.40	FLORENCIA SZIGETI	USA	2:26.63	TAL SHPAIZER	USA	1:06.93	ANNE DALGAARD	DEN	8:55.90	HITOMI MATSUDA	JPN								
58.71	MAGALI SCHUSTER	FRA	2:27.82	MOLLIE GROVER	USA	1:07.95	KATIE HENDERSON	GBR	9:22.25	CYNTHIA LEWIN	USA								
58.74	SONIA PORZIEMSKY	FRA	2:28.66	A.HASSLACHER	GER	1:08.01	AKIKO MIZUMOTO	JPN	9:38.26	KANA OHASHI	JPN								
58.77	CECILIA FEBVRE	FRA	2:28.80	YOSHIMI HAMADA	JPN	1:08.89	AYUMI SAKAMOTO	JPN	9:49.53	VICTORIA NAESS	CAN								
59.24	ALEXA BROWN	AUS	2:28.98	JENN KERR	CAN	1:08.94	LUCIA BUSSOTTI	ITA	9:51.27	MELANIE KUIPER	NED								
59.71	MELANIE LABAUNE	FRA	2:29.24	ALISON PEAKMAN	GBR	1:09.06	A.HASSLACHER	GER	9:51.70	LINDA TURINI	ITA								
200	M. FREE			50	M. BRST			200	M. I.M.										
2:07.23	SARAH HEALEY	GBR	32.63	NICOLE HEIDEMANN	GER	2:26.01	KATIE HENDERSON	GBR	9:53.89	M.KAGY-SCHWARTZ	USA								
2:07.86	BEATRIZ VALLS	ESP	33.82	A.BEAL CLEUZIOW	FRA	2:26.06	ANNE DALGAARD	DEN	9:57.10	MICHELA MENEGON	ITA								
2:08.49	KATIE HENDERSON	GBR	33.95	RYOKO MARUYAMA	JPN	2:26.20	LOUISE STEVENSON	AUS	9:57.93	KELLY MCPHERSON	USA								
2:08.63	SAMUELA MAGNELLI	ITA	34.31	M.BEAURIVAGE	CAN	2:28.22	LUCIA BUSSOTTI	ITA	1500	M. FREE									
2:10.60	LAURA WALSH	GBR	34.38	NICOLA RAINE	GBR	2:28.95	ANNE VELEZ	FRA	18:25.43	CYNTHIA LEWIN	USA								
2:11.80	KELSEY MULLER	USA	34.42	LAURA GLASS	USA	2:29.27	MACHIKO IWASHITA	JPN	18:35.50	MELANIE KUIPER	NED								
2:11.89	V.LAMONTAGNE	FRA	34.52	HIROKO KOBAYASHI	JPN	2:29.34	LINDSEY KROEGER	USA	18:56.17	MELINDA COOK	AUS								
2:12.44	HEIDI HESTER	USA	34.82	EMILIE JORON	FRA	2:29.71	JENN KERR	CAN	19:12.70	ELISA FAGGI	ITA								
2:12.44	JENN KERR	CAN	34.86	KATIE HENDERSON	GBR	2:30.68	A.JANITZKI	GER	19:18.63	ALICE DE BRUYN	FRA								
2:12.85	SONIA PORZIEMSKY	FRA	35.05	HEATHER DEFELICE	USA	2:30.74	MERI NITTA	JPN	19:22.93	SANDRA COLBURN	CAN								
400	M. FREE			100	M. BRST			400	M. I.M.										
4:31.71	CINDY GONET	FRA	1:12.03	CELINE BAILLOD	SUI	4:56.01	CELINE BAILLOD	SUI	19:25.96	NARI LAWREY	GBR								
4:36.30	LOUISE STEVENSON	AUS	1:13.22	NICOLE HEIDEMANN	GER	5:15.11	LUCIA BUSSOTTI	ITA	19:28.30	MICHELA MENEGON	ITA								
4:39.14	SAMUELA MAGNELLI	ITA	1:14.06	CLAUDIA BELLASI	SUI	5:17.59	JENN KERR	CAN	19:55.96	SYLVIE LAYDEVANT	FRA								
4:39.52	JENN KERR	CAN	1:14.92	NICOLA RAINE	GBR	5:18.16	A.JANITZKI	GER	50	M. BACK									
4:40.43	GITTE ROMER	DEN	1:14.96	JANINA GERKENS	GER	5:21.65	ALICIA KAYE	USA	29.32	NORIKO INADA	USA								
4:40.49	HEIDI HESTER	USA	1:15.19	KATIE HENDERSON	GBR	5:23.80	EDITH BELANGER	CAN	29.72	NADINE ROLLAND	CAN								
4:40.60	EDITH BELANGER	CAN	1:15.40	LUCIA BUSSOTTI	ITA	5:24.82	RACHAEL HARES	GBR	30.38	KANA OHASHI	JPN								
4:41.42	GIUSEPPA ZIZZO	ITA	1:15.56	ANNE VELEZ	FRA	5:26.97	JANE LEIGHTON	GBR	30.61	NAHOMI SHIRATA	JPN								
4:42.20	STEPHANIE MOORE	USA	1:15.93	M.BEAURIVAGE	CAN	5:27.17	KELSEY MULLER	USA	31.67	VALERIE HADD	CAN								
4:42.77	SONIA PORZIEMSKY	FRA	1:15.98	CLAIRE DESDOIT	FRA	5:27.51	CLAIRE NIXON	GBR	31.70	KATJA TROSIEN	GER								
800	M. FREE			200	M. BRST				32.05	ERIN KIRKWOOD	USA								
9:24.08	CINDY GAGNADOUX	FRA	2:39.06	KATIE HENDERSON	GBR	*****	*****	*****	32.15	SHANNA GUZMAN	USA								
9:40.64	SAMUELA MAGNELLI	ITA	2:40.60	NICOLE HEIDEMANN	GER	*****	*****	*****	32.33	A.BALDINI	ITA								
9:47.24	SANDRA DRECHSLER	GER	2:44.27	LUCIA BUSSOTTI	ITA	*****	*****	*****	32.49	JILL GROVES	GBR								
9:49.94	LUCIA BUSSOTTI	ITA	2:44.77	ANNE VELEZ	FRA	50	M. FREE		100	M. BACK									
9:51.04	NADINE BRUNS	GER	2:45.45	LOUISE STEVENSON	AUS	25.66	TATIANA BARBOSA	BRA	1:02.42	NORIKO INADA	USA								
9:51.82	JENN KERR	CAN	2:45.57	CLAIRE DESDOIT	FRA	26.10	NADINE ROLLAND	CAN	1:03.42	KANA OHASHI	JPN								
9:52.17	CAITLIN LEAHY	USA	2:45.86	KATJA BRASCHLOSS	GER	27.06	KATJA TROSIEN	GER	1:04.99	NADINE ROLLAND	CAN								
9:56.57	KATHARINA HUBERT	GER	2:46.49	JANE LEIGHTON	GBR	27.22	ZOE CRAY	GBR	1:06.52	NAHOMI SHIRATA	JPN								
9:59.05	ELENA BELTRAMI	SUI	2:47.46	YASMINA KANOUNI	SUI	27.23	YAYOI SAKAMOTO	JPN	1:07.14	VALERIE HADD	CAN								
10:06.17	B.HARRINGTON	USA	2:47.74	HEATHER DEFELICE	USA	27.32	VICTORIA NAESS	CAN	1:08.32	SHANNA GUZMAN	USA								
1500	M. FREE			50	M. FLY			27.32	FIONA MARSHALL	GBR	1:08.57	A.BALDINI	ITA						
18:22.24	GITTE ROMER	DEN	27.89	A.CISNEROS	USA	27.33	NORIKO INADA	USA	1:10.13	VICTORIA NAESS	CAN								
18:39.57	JENN KERR	CAN	27.98	MABI TSUKIOKA	JPN	27.33	KAORU OHISA	JPN	1:10.28	KAORU OHISA	JPN								
18:43.60	LUCIA BUSSOTTI	ITA	28.17	SARAH HEALEY	GBR	27.58	FRANCESCA MANERBA	ITA	1:10.61	ALISON USHER	GBR								
18:45.01	ANN LONNBERG	DEN	29.21	MAKI YOSHIDA	JPN	100	M. FREE		200	M. BACK									
18:53.60	SERENA BARACANI	ITA	29.28	ALEXA BROWN	AUS	55.59	TATIANA BARBOSA	BRA	2:12.47	L.OBERSTAR-BROWN	USA								
19:13.55	CYNDI ROBERTS	USA	29.38	KEI ANDO	JPN	56.64	HITOMI MATSUDA	JPN	2:14.61	KANA OHASHI	JPN								
19:24.84	EMMA HARVEY	GBR	29.39	MAGALI SCHUSTER	FRA	58.39	KATJA TROSIEN	GER	2:23.45	VALERIE HADD	CAN								
19:24.89	LISA CHIN	CAN	29.47	A.HASSLACHER	GER	58.66	NADINE ROLLAND	CAN	2:27.40	ANNE KUHN	GER								
19:39.35	DAWN HILDEBRAND	GBR	29.61	CELINE BONNET	FRA	59.24	VICTORIA NAESS	CAN	2:29.66	KAORU OHISA	JPN								
19:41.66	LAUREL LIBERTY	USA	29.66	MICHELLE FREESE	SUI	59.85	GINA HOBSON	GBR	2:33.30	ALISON USHER	GBR								
50	M. BACK			100	M. FLY			1:00.07	FRANCESCA MANERBA	ITA	2:36.69	PERRY CADIZ	RSA						
29.37	AKIKO MIZUMOTO	JPN	1:01.37	A.CISNEROS	USA	1:00.31	PENNY PORTER	GBR	2:38.18	MITSUKO AZEYANAGI	JPN								
29.81	AYA SHIMODA	JPN	1:02.18	SARAH HEALEY	GBR	1:00.63	FIONA MARSHALL	GBR	2:38.87	MELANIE KUIPER	NED								
30.70	NAOMI ARAKAWA	JPN	1:03.18	MABI TSUKIOKA	JPN	1:00.80	CINDY BERTELINK	CAN	2:39.73	AIDA PONCE	ESP								
30.83	CARLA HORST	BRA	1:05.62	MICHELLE FREESE	SUI	200	M. FREE		50	M. BRST									
31.51	KERRIE ALDRIDGE	GBR	1:05.77	CELINE BONNET	FRA	2:02.70	HITOMI MATSUDA	JPN	33.11	HITOMI MATSUDA	JPN								
31.56	FLORENCIA SZIGETI	USA	1:05.80	A.HASSLACHER	GER	2:06.55	KATJA TROSIEN	GER	33.65	NADINE ROLLAND	CAN								
31.56	KATIE BIRCHALL	GBR	1:05.89	HELEN ASQUITH	GBR	2:08.62	CINDY BERTELINK	CAN	34.09	SILVA PULFRICH	GER								



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34.10	KYLA STEENHART	GBR	2:25.68	VALERIE HADD	CAN	1500 M. FREE	50 M. FLY
34.13	FIONA MARSHALL	GBR	2:25.70	A.BALDINI	ITA	17:36.58 KRISTINA ULVELING	28.97 YOKO YAMAGUCHI JPN
34.48	KAREN JACKSON	GBR	2:26.14	CINDY BERTELINK	CAN	17:46.79 VALERIA VERGANI	29.12 SHERI HART USA
34.90	CAROLINE MATHIAS	FRA	2:27.09	NADINE ROLLAND	CAN	17:47.08 SARA NELSON	29.33 KRISTINA ULVELING USA
34.91	MARIT BREITFELD	GER	2:28.24	ANNE KUHN	GER	18:07.58 GRITH SIGSGAARD	29.63 DEBBIE YOUNGER CAN
35.29	JANET MAYVILLE	CAN	2:30.67	PATRIZIA BORIO	ITA	18:08.93 LAURIE DODD	29.74 YURIKO IKEDA JPN
35.58	CINDY BERTELINK	CAN	2:31.97	CAROLINE MATHIAS	FRA	18:22.94 AMANDA PICARD	29.81 GISELI PEREIRA BRA
100 M. BRST			400 M. I.M.			18:52.60 NICOLA LATTY	29.83 MELANIA BUSSIERE CAN
1:09.54	HITOMI MATSUDA	JPN	4:51.79	HITOMI MATSUDA	JPN	19:03.68 ALEXANDRE LEROY	29.93 TERESA DRAY GBR
1:12.93	CYNTHIA LEWIN	USA	5:12.50	CINDY BERTELINK	CAN	19:09.09 ALEXANDRA NIETO	30.17 RAQUEL STELLET BRA
1:14.41	MARIT BREITFELD	GER	5:17.97	BAUSHER-GRYBOSKY	USA	19:11.97 KAREN DRIVER	30.23 KYOKO YAMADA JPN
1:14.64	SILVA PULFRICH	GER	5:22.84	CAROLINE MATHIAS	FRA	50 M. BACK	100 M. FLY
1:14.80	KYLA STEENHART	GBR	5:24.27	DAWN PALMER	GBR	29.25 SHERI HART	1:04.09 MELANIA BUSSIERE CAN
1:15.37	KAREN JACKSON	GBR	5:25.43	MARIT BREITFELD	GER	29.59 GISELI PEREIRA	1:05.53 KRISTINA ULVELING USA
1:15.55	CAROLINE MATHIAS	FRA	5:27.59	KELLY MCPHERSON	USA	29.91 CINDY MABEE	1:05.62 DEBBIE YOUNGER CAN
1:15.74	FIONA MARSHALL	GBR	5:29.12	SANDRA JUDD	CAN	31.30 KITTY PERKINS	1:06.03 KYOKO YAMADA JPN
1:16.41	NADINE ROLLAND	CAN	5:29.82	CHLOE TODOSKOFF	FRA	31.86 KAYO HATANAKA	1:06.36 ALISON ZAMANIAN USA
1:17.49	ANNA JENSEN	SWE	5:31.53	CLAUDIA NUNEZ	ESP	31.90 GITTE RAAGAARD	1:07.08 YOKO YAMAGUCHI JPN
200 M. BRST						31.94 BERIT PUGGARD	1:07.76 LYNNE HAYES AUS
2:28.94	HITOMI MATSUDA	JPN	*****			31.94 SYLVIE ALLERY	1:07.78 RAQUEL STELLET BRA
2:37.84	CYNTHIA LEWIN	USA	*****	WOMEN 35-39		32.21 CAROLINE GIRARDET	1:07.91 C.GUIDI-SWAN CAN
2:43.03	KAREN JACKSON	GBR	*****			32.21 ANITA GAGLIARDINI	1:08.40 KARINE JANNOT FRA
2:43.93	CAROLINE MATHIAS	FRA	50 M. FREE			100 M. BACK	200 M. FLY
2:51.94	DAWN PALMER	GBR	26.70 SHERI HART	USA	1:02.44	SHERI HART	2:25.96 KRISTINA ULVELING USA
2:52.85	AYAKA MIURA	JPN	27.21 JENA MCLAUGHLIN	USA	1:04.24	GISELI PEREIRA	2:26.09 KYOKO YAMADA JPN
2:53.03	SHARON BURCHELL	GBR	27.24 RAQUEL STELLET	BRA	1:04.61	CINDY MABEE	2:26.80 DEBBIE YOUNGER CAN
2:53.11	SANDRA JUDD	CAN	27.34 MANUELA SCHUBERT	GER	1:06.47	MELANIA BUSSIERE	2:27.58 NICOLA LATTY GBR
2:53.49	STEPHANIE KATLAMA	FRA	27.60 SUSAN FRASER	GBR	1:07.40	ASA NEIJ	2:29.20 YOKO YAMAGUCHI JPN
2:54.43	VALERIE HADD	CAN	27.66 VALERIA VERGANI	ITA	1:09.34	GITTE RAAGAARD	2:31.94 KARINE JANNOT FRA
50 M. FLY			28.06 L.TCHIRIKHTCHIAN	FRA	1:09.50	SYLVIE ALLERY	2:32.29 JACQUI ROBINSON AUS
27.97	NADINE ROLLAND	CAN	28.10 HELEN SADLER	GBR	1:09.62	ANITA GAGLIARDINI	2:33.31 ANA PAULA GRILO POR
28.71	HITOMI MATSUDA	JPN	28.11 MADDALENA FORNI	ITA	1:09.96	KAYO HATANAKA	2:33.82 C.GUIDI-SWAN CAN
28.83	NORIKO INADA	USA	28.12 ARMELLE MEYER	FRA	1:10.68	JESSICA HOLMES	2:36.04 NATHALIE BELAND CAN
29.06	KATJA TROSIEN	GER	100 M. FREE			200 M. BACK	100 M. I.M.
29.19	ANNA LOHMANN	SWE	58.09 SHERI HART	USA	2:22.08	CINDY MABEE	1:05.89 SHERI HART USA
29.26	E.BELLINGER	GBR	58.73 MELANIA BUSSIERE	CAN	2:23.68	GISELI PEREIRA	1:08.07 ASA NEIJ SWE
29.84	VALERIE HADD	CAN	59.03 MANUELA SCHUBERT	GER	2:28.95	GITTE RAAGAARD	1:08.46 KRISTINA ULVELING USA
30.11	CYNTHIA LEWIN	USA	59.82 VALERIA VERGANI	ITA	2:30.30	JODY SMITH	1:09.01 GISELI PEREIRA BRA
30.12	GINA HOBSON	GBR	1:00.11 RAQUEL STELLET	BRA	2:32.07	LAURA PALASCIANO	1:09.30 DEBBIE YOUNGER CAN
30.17	CINDY BERTELINK	CAN	1:00.12 HELEN AKERS	GBR	2:32.57	SHERI HART	1:10.18 JESSICA HOLMES USA
100 M. FLY			1:00.23 ASA NEIJ	SWE	2:32.78	DEBBIE YOUNGER	1:10.23 GITTE RAAGAARD DEN
1:00.35	HITOMI MATSUDA	JPN	1:00.28 ANA PAULA GRILO	POR	2:34.53	ANITA GAGLIARDINI	1:10.41 CINDY MABEE CAN
1:05.70	ANTJE AUHL	GER	1:01.20 HANNAH PAULL	GBR	2:34.75	ANA PAULA GRILO	1:10.44 KITTY PERKINS GBR
1:05.74	CINDY BERTELINK	CAN	1:01.21 SANDRINE ERGUY	FRA	2:35.01	JESSICA HOLMES	1:10.80 VALERIA VERGANI ITA
1:06.12	GINA HOBSON	GBR	200 M. FREE			50 M. BRST	200 M. I.M.
1:06.16	KANA OHASHI	JPN	2:07.36 MELANIA BUSSIERE	CAN	35.40	MANAMI HAKAKAWA	2:27.85 SARA NELSON USA
1:06.29	ANNA LOHMANN	SWE	2:08.55 VALERIA VERGANI	ITA	35.72	SHEELAH TURNER	2:30.68 DEBBIE YOUNGER CAN
1:06.31	E.BELLINGER	GBR	2:10.92 ALISON ZAMANIAN	USA	36.27	M.THOMP-EDWARD	2:32.44 ANA PAULA GRILO POR
1:06.67	KATJA TROSIEN	GER	2:11.28 ANA PAULA GRILO	POR	36.37	NAMI OKAMOTO	2:33.12 KRISTINA ULVELING USA
1:07.17	FLORENCE CIOTTI	ITA	2:12.07 RAQUEL STELLET	BRA	36.38	SABINA VITALONI	2:33.38 JESSICA HOLMES USA
1:07.28	YAYOI SAKAMOTO	JPN	2:12.14 SARA NELSON	USA	36.39	ANTJE PRAEFCKE	2:34.48 GITTE RAAGAARD DEN
200 M. FLY			2:13.32 JACQUI ROBINSON	AUS	36.43	NICOLA BAINBRIDGE	2:34.73 VALERIE BELLEGO FRA
2:13.09	HITOMI MATSUDA	JPN	2:14.44 MANUELA SCHUBERT	GER	36.43	HARUKA ASUWA	2:34.80 JOCELYN JAY CAN
2:26.77	A.BALDINI	ITA	2:14.60 GRITH SIGSGAARD	NED	36.49	JESSICA HOLMES	2:35.17 JODY SMITH USA
2:28.74	FLORENCE CIOTTI	ITA	2:15.10 HANNAH PAULL	GBR	36.59	SUSAN FRASER	2:35.60 ALEXANDRA NIETO USA
2:29.77	GIORGIA SALA	ITA	400 M. FREE			100 M. BRST	400 M. I.M.
2:30.28	MARIT BREITFELD	GER	4:29.71 ASA NEIJ	SWE	1:17.92	MANAMI HAKAKAWA	5:12.55 SARA NELSON USA
2:30.54	ANTJE AUHL	GER	4:31.35 ALISON ZAMANIAN	USA	1:18.73	M.THOMP-EDWARD	5:16.15 VALERIA VERGANI ITA
2:30.98	BAUSHER-GRYBOSKY	USA	4:31.90 VALERIA VERGANI	ITA	1:18.99	SHEELAH TURNER	5:16.51 ANA PAULA GRILO POR
2:31.01	MICHELA BOSCARI	ITA	4:33.57 KRISTINA ULVELING	USA	1:19.03	NAMI OKAMOTO	5:26.46 NICOLA LATTY GBR
2:31.58	MICHELLE SENEAL	GBR	4:35.70 SARA NELSON	USA	1:19.69	DEBBIE YOUNGER	5:29.27 RACHELLE ISAKOV RSA
2:31.89	FRANCESCA MANERBA	ITA	4:36.81 LAURIE DODD	USA	1:19.86	KAJA WINKE PISTEL	5:29.38 LAURIE DODD USA
100 M. I.M.			4:38.90 GRITH SIGSGAARD	NED	1:20.06	ANTJE PRAEFCKE	5:30.13 JESSICA HOLMES USA
1:03.19	HITOMI MATSUDA	JPN	4:44.65 ANA PAULA GRILO	POR	1:20.25	MARION KEOGH	5:30.63 LINDA VISSER USA
1:05.62	NADINE ROLLAND	CAN	4:45.15 NAGAKO FUKUZAWA	JPN	1:20.36	MARIE AGNES DUPUY	5:36.20 ALEXANDRA NIETO USA
1:06.25	KANA OHASHI	JPN	4:46.83 ALEXANDRA NIETO	USA	1:20.44	LINDA VISSER	5:39.89 MAUREEN RANKIN USA
1:06.29	NORIKO INADA	USA	800 M. FREE			200 M. BRST	*****
1:07.14	ZOE CRAY	GBR	9:13.05 ASA NEIJ	SWE	2:42.58	HELEN GORMAN	*****
1:07.60	CYNTHIA LEWIN	USA	9:14.92 KRISTINA ULVELING	USA	2:49.57	MARIE AGNES DUPUY	*****
1:07.81	FIONA MARSHALL	GBR	9:21.85 LAURIE DODD	USA	2:50.16	KEIKO OKAMOTO	*****
1:07.99	VALERIE HADD	CAN	9:34.16 GRITH SIGSGAARD	NED	2:51.05	JOCELYN JAY	50 M. FREE
1:08.83	A.BALDINI	ITA	9:40.59 AMANDA PICARD	SUI	2:51.17	SARA NELSON	26.40 MARIKA JOHANSSON SWE
1:09.33	VICTORIA NAESS	CAN	9:50.70 ALEXANDRA NIETO	USA	2:52.23	DEBBIE YOUNGER	26.70 S. VON DER LIPPE USA
200 M. I.M.			10:00.42 NICOLA LATTY	GBR	2:52.46	MARION KEOGH	27.04 EDITH OTTERMANN RSA
2:14.74	HITOMI MATSUDA	JPN	10:02.44 ANDREA STREICHAN	GER	2:52.93	ALISON ZAMANIAN	27.23 MICHELLE CHOW USA
2:24.86	CYNTHIA LEWIN	USA	10:05.63 KAREN DRIVER	GBR	2:53.09	ALEXANDRE LEROY	27.37 FALL WILLEBOORDSE USA
2:25.39	KANA OHASHI	JPN	10:09.20 LAURA PALASCIANO	ITA	2:53.29	LINDA VISSER	27.45 JUNKO NAKANO JPN



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27.65	ANDREA GIANATTI	ITA	1:11.15	FALL WILLEBOORDSE	USA	2:36.50	ILKA LOWENSTEYN	CAN	4:44.19	SUSANNA ROSEN	SWE
27.82	JENNIFER WILLIS	USA	1:11.58	SHARON BEAVER	AUS	2:38.99	DANIELA DE PONTI	ITA	4:44.96	SUSANNE SIMPSON	USA
27.91	DANIELA DE PONTI	ITA	1:11.65	LAURA SMITH	USA	2:39.41	SHARON BEAVER	AUS	4:46.73	BARBARA GELLRICH	GER
27.91	SILVIA PAROCCHI	ITA	1:11.65	KATHERINE VEALE	GBR	2:41.12	LUCILLA CORIO	ITA	4:52.15	REBECCA PERROTT	NZL
100 M. FREE			200 M. BACK			100 M. I.M.			4:54.66	J.NIEVERGELT	USA
57.55	S.VON DER LIPPE	USA	2:22.68	KRISTIN GARY	USA	1:04.25	S.VON DER LIPPE	USA	4:54.86	ELISABETTA AMICI	ITA
59.97	MARIKA JOHANSSON	SWE	2:27.40	LAURA SMITH	USA	1:08.74	ANETTE PHILIPSSON	SWE	4:55.44	ANDREA BLOCK	USA
1:00.49	KRISTIN GARY	USA	2:30.20	MIKI NAMAI	JPN	1:08.82	SILVIA PAROCCHI	ITA	4:56.65	ROBIN SHERG	USA
1:00.70	LAUREEN WELTING	USA	2:31.22	LISA WARD	USA	1:09.03	KRISTIN GARY	USA	800 M. FREE		
1:00.81	JENNIFER WILLIS	USA	2:33.40	SHARON BEAVER	AUS	1:09.13	MICHELLE CHOW	USA	9:20.08	K.PIPES-NEILSEN	USA
1:01.26	ANETTE PHILIPSSON	SWE	2:35.92	JULIE ROBINSON	AUS	1:09.28	JENNIFER RIDGE	USA	9:27.13	LYNN MARSHALL	CAN
1:01.30	JENNIFER RIDGE	USA	2:38.22	KATHERINE VEALE	GBR	1:09.60	DANIELA DE PONTI	ITA	9:40.69	SUSANNE SIMPSON	USA
1:01.60	DANIELA DE PONTI	ITA	2:38.67	LUCIE TURCOTTE	GBR	1:10.16	LISA WARD	USA	9:45.58	SUSANNA ROSEN	SWE
1:01.68	ANDREA GIANATTI	ITA	2:39.09	LAURIE HUG	USA	1:10.28	MARZENA KULIS	ITA	9:56.33	ANDREA BLOCK	USA
1:01.72	E.MCMENEMY	GBR	2:40.08	GILLIAN INNES	GBR	1:10.88	FALL WILLEBOORDSE	USA	10:04.15	NAOMI TANAKA	JPN
200 M. FREE			50 M. BRST			200 M. I.M.			10:04.26	H.VAUGHN-EDMONDS	USA
2:05.55	S.VON DER LIPPE	USA	34.92	MARZENA KULIS	ITA	2:29.41	LAUREEN WELTING	USA	10:05.83	J.NIEVERGELT	USA
2:10.56	AMANDA PICARD	SUI	35.41	JOANNE MINION	GBR	2:29.74	JENNIFER RIDGE	USA	10:15.30	NAOKO SHIDE	JPN
2:11.52	JENNIFER RIDGE	USA	35.74	H.MORRIS-EYTON	RSA	2:31.36	ANETTE PHILIPSSON	SWE	10:18.63	AMANDA DUGGAN	AUS
2:13.37	DANIELA DE PONTI	ITA	35.93	TOMOMI MIYAZONO	JPN	2:33.38	FALL WILLEBOORDSE	USA	1500 M. FREE		
2:13.48	E.MCMENEMY	GBR	36.14	MARIKA JOHANSSON	SWE	2:35.19	JENNIFER WILLIS	USA	17:53.81	LYNN MARSHALL	CAN
2:14.00	KYOKO FUJIOKA	JPN	36.45	MICHELLE CHOW	USA	2:37.68	GAIL MCGINNIS	CAN	18:40.49	SUSANNE SIMPSON	USA
2:15.14	LAURA SMITH	USA	36.52	ELKE SCHMITZ	GER	2:38.03	LAURIE HUG	USA	19:07.12	K.PIPES-NEILSEN	USA
2:15.41	HELGA LINNENBAUM	GER	36.56	DANIELA DE PONTI	ITA	2:38.33	ANNE HEGVOLD	GBR	19:20.23	AMANDA DUGGAN	AUS
2:15.45	JENNIFER WILLIS	USA	36.95	CHRISTEL DEBRUYNE	FRA	2:38.33	SHARON BEAVER	AUS	19:34.55	REBECCA KALIBAT	USA
2:17.45	ANNE HEGVOLD	GBR	36.99	KATHRYN GELMAN	USA	2:38.36	ILKA LOWENSTEYN	CAN	19:38.30	REBECCA PERROTT	NZL
400 M. FREE			100 M. BRST			400 M. I.M.			19:40.88	ELLEN BENNETT	USA
4:28.58	AMANDA PICARD	SUI	1:14.41	MARZENA KULIS	ITA	5:18.42	ANGELA DELISSEN	GER	19:42.14	RIEKO SHOJI	JPN
4:40.29	JENNIFER RIDGE	USA	1:15.66	H.MORRIS-EYTON	RSA	5:24.29	LAURIE HUG	USA	19:43.85	IRENE VD LAAN	NED
4:41.21	KYOKO FUJIOKA	JPN	1:18.60	TOMOMI MIYAZONO	JPN	5:26.85	LISA WARD	USA	19:57.37	ISABELLE FERLET	FRA
4:41.66	E.MCMENEMY	GBR	1:19.52	LOTTE KOBELGAARD	DEN	5:28.74	SHARON BEAVER	AUS	50 M. BACK		
4:42.92	LAURIE HUG	USA	1:19.98	ANGELA DELISSEN	GER	5:28.80	ANNE HEGVOLD	GBR	30.89	K.PIPES-NEILSEN	USA
4:46.92	AMY DANTZLER	USA	1:20.07	MICHELE SCHNEIDER	FRA	5:35.08	LORRAINE WHEATLEY	GBR	31.71	LESLIE LIVINGSTON	USA
4:47.87	LAURA SMITH	USA	1:20.13	ELKE SCHMITZ	GER	5:35.84	ILKA LOWENSTEYN	CAN	32.51	LAURIE DITOMMASO	USA
4:48.23	CLAUDIA KERN	GER	1:20.14	LORRAINE WHEATLEY	GBR	5:39.88	BRIDGET BEWICK	GBR	33.04	SUSANNA ROSEN	SWE
4:49.16	DANIELA DE PONTI	ITA	1:20.38	ANETTE PHILIPSSON	SWE	5:44.37	E.MCMENEMY	GBR	33.06	SHIZUKO HIRAISHI	JPN
4:49.97	IRENE EDARD	FRA	1:21.09	LOUISE MORRIS	GBR	5:45.28	L.FILANGIERI	ITA	33.23	UTE ROMBERG	GER
800 M. FREE			200 M. BRST			*****			33.39	SARAH MACDONALD	CAN
9:16.07	AMANDA PICARD	SUI	2:32.37	S.VON DER LIPPE	USA	*****			33.41	ANN KOURI	CAN
9:32.90	LAURIE HUG	USA	2:43.88	MARZENA KULIS	ITA	*****			33.48	KARIN SEICK	GER
9:39.97	AMY DANTZLER	USA	2:44.59	H.MORRIS-EYTON	RSA	*****			33.57	WHITNEY ZEIGER	USA
9:44.75	KYOKO FUJIOKA	JPN	2:52.58	LORRAINE WHEATLEY	GBR	50 M. FREE			100 M. BACK		
9:51.14	SHARON BEAVER	AUS	2:53.05	LISA WARD	USA	27.52	K.PIPES-NEILSEN	USA	1:05.55	K.PIPES-NEILSEN	USA
9:59.63	CLAUDIA KERN	GER	2:54.06	LOUISE MORRIS	GBR	27.78	STEFANIE NIEMIETZ	GER	1:10.84	WHITNEY ZEIGER	USA
10:03.07	ANNE HEGVOLD	GBR	2:54.87	DANIELA DE PONTI	ITA	27.87	SARAH MACDONALD	CAN	1:11.51	LISA DIXON-WELLS	CAN
10:10.45	JULIET COX	USA	2:55.33	MICHELE SCHNEIDER	FRA	27.96	HAYLEY BETTINSON	GBR	1:11.63	SARAH MACDONALD	CAN
10:11.03	VICTORIA RIAN	USA	2:56.28	ELKE SCHMITZ	GER	28.02	LAURIE DITOMMASO	USA	1:11.67	VIBEKE SWANSON	USA
10:13.31	DONNA JOHNSON	USA	2:56.83	TAKAKO TANAKA	JPN	28.03	LISA DAHL	USA	1:11.73	LESLIE LIVINGSTON	USA
1500 M. FREE			50 M. FLY			28.19	CATHY CODLING	AUS	1:11.82	SUSANNA ROSEN	SWE
18:03.41	LAURIE HUG	USA	28.44	S.VON DER LIPPE	USA	28.31	SUSANNA ROSEN	SWE	1:12.16	NAOKO SHIDE	JPN
18:28.79	AMY DANTZLER	USA	29.32	SILVIA PAROCCHI	ITA	28.52	MARIA NORBERG	SWE	1:12.18	UTE ROMBERG	GER
19:14.05	M.ELIAS-WILLIAMS	USA	29.80	DANIELA DE PONTI	ITA	28.56	LESLIE LIVINGSTON	USA	1:12.54	SALLY BELL	AUS
19:25.86	MINAO ATAKE	JPN	29.82	EDITH OTTERMANN	RSA	100 M. FREE			200 M. BACK		
19:37.94	JULIET COX	USA	30.31	MICHELLE CHOW	USA	59.16	K.PIPES-NEILSEN	USA	2:22.66	K.PIPES-NEILSEN	USA
19:39.84	ILKA LOWENSTEYN	CAN	30.40	HELEN ALLSTADIUS	SWE	1:00.86	SARAH MACDONALD	CAN	2:31.95	LYNN MARSHALL	CAN
19:52.90	BRIDGET BEWICK	GBR	30.44	JENNIFER RIDGE	USA	1:01.54	SUSANNA ROSEN	SWE	2:32.71	BRIGID BUNCH	USA
20:00.11	ANNELLE HARMER	CAN	30.44	FRANCA BOSISIO	ITA	1:01.97	CATHY CODLING	AUS	2:32.77	NAOKO SHIDE	JPN
20:02.14	KATHY HEARD	CAN	30.48	MARIKA JOHANSSON	SWE	1:02.36	LYNN MARSHALL	CAN	2:33.97	WHITNEY ZEIGER	USA
20:07.30	JENNIFER MCARTON	CAN	30.63	JANNE THORSTENSEN	NOR	1:03.30	BARBARA GELLRICH	GER	2:38.49	SALLY BELL	AUS
50 M. BACK			100 M. FLY			1:03.45	MARIA NORBERG	SWE	2:39.08	LISA DIXON-WELLS	CAN
30.74	KRISTIN GARY	USA	1:02.13	S.VON DER LIPPE	USA	1:03.69	ELISABETTA AMICI	ITA	2:39.84	MASAMI HIGURASHI	JPN
31.44	JULIE ROBERTS	USA	1:05.93	DANIELA DE PONTI	ITA	1:03.75	SUSANNE SIMPSON	USA	2:41.13	UTE ROMBERG	GER
31.72	JUNKO NAKANO	JPN	1:06.10	ANGELA DELISSEN	GER	1:03.87	JUDITH HATTE	GBR	2:42.46	JOANNE SUTCLIFFE	USA
31.78	SILVIA PAROCCHI	ITA	1:06.47	JULIE GIBSON	GBR	200 M. FREE			50 M. BRST		
32.18	FALL WILLEBOORDSE	USA	1:07.15	JENNIFER RIDGE	USA	2:06.81	K.PIPES-NEILSEN	USA	35.53	MONICA CORO	ITA
32.45	HIROKO NOGUCHI	JPN	1:08.14	FRANCA BOSISIO	ITA	2:12.99	LYNN MARSHALL	CAN	35.89	K.PIPES-NEILSEN	USA
32.46	MICHELLE CHOW	USA	1:08.47	HELEN ALLSTADIUS	SWE	2:13.72	BARBARA GELLRICH	GER	36.34	LAURIE DITOMMASO	USA
32.57	FRANCA BOSISIO	ITA	1:08.49	ANETTE PHILIPSSON	SWE	2:14.03	SUSANNA ROSEN	SWE	36.46	JUDY GARAY	CAN
32.80	MIKI NAMAI	JPN	1:08.65	IRENE EDARD	FRA	2:15.96	SUSANNE SIMPSON	USA	36.66	HOLLY VAUGHN	USA
33.13	MONICA RUBINI	ITA	1:08.70	MICHELE HUYETTE	USA	2:16.75	REBECCA PERROTT	NZL	36.95	HAYLEY BETTINSON	GBR
100 M. BACK			200 M. FLY			2:17.58	ELISABETTA AMICI	ITA	37.03	SARAH MACDONALD	CAN
1:05.92	KRISTIN GARY	USA	2:27.65	ANGELA DELISSEN	GER	2:18.04	NAOMI TANAKA	JPN	37.08	MARJA BLOEMZAAD	NED
1:06.61	SILVIA PAROCCHI	ITA	2:29.20	JULIE GIBSON	GBR	2:20.39	JANA MATENA	USA	37.14	LISA DAHL	USA
1:10.00	LAUREEN WELTING	USA	2:31.75	IRENE EDARD	FRA	2:20.74	CARMEN NAVARRO	ESP	37.26	RUTH CHEEMA	GBR
1:10.29	MIKI NAMAI	JPN	2:33.95	FRANCA BOSISIO	ITA	400 M. FREE			100 M. BRST		
1:10.37	LISA WARD	USA	2:34.68	PALMER-WHITE	AUS	4:29.15	K.PIPES-NEILSEN	USA	1:17.54	MONICA CORO	ITA
1:10.66	MICHELLE CHOW	USA	2:35.00	LAURIE HUG	USA	4:34.27	LYNN MARSHALL	CAN	1:18.72	K.PIPES-NEILSEN	USA



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1:19.82	KATE SORENSEN	DEN	5:32.84	VIBEKE SWANSON	USA	21:10.58	LESLIE JAUBERT	USA	33.32	MARIA RHODIN	SWE
1:21.73	HOLLY VAUGHN	USA	5:33.88	LISA DIXON-WELLS	CAN	50	M. BACK		100	M. FLY	
1:22.08	JUDITH HATTLE	GBR	5:35.63	NAOKO SHIDE	JPN	32.13	K.ANDRUS-HUGHES	USA	1:09.94	TRACI GRANGER	USA
1:22.62	RUTH CHEEMA	GBR	5:37.89	RIEKO SHOJI	JPN	33.40	L.PELT-DILLER	USA	1:09.94	JENNY WHITELEY	AUS
1:22.78	CECILIA STANFORD	RSA	5:39.53	ANDREA BLOCK	USA	33.45	AROMA MARTORELL	BRA	1:11.81	JENNY COOK	USA
1:23.06	JOANNE BEDARD	CAN	5:42.54	ARLENE DELMAGE	USA	33.94	AHELEE SUE OSBORN	USA	1:12.09	MATHILDE VINK	NED
1:23.28	KATHY MCKNIGHT	CAN	5:46.39	PATRICIA SULLIVAN	USA	34.10	BONNIE BILICH	USA	1:14.06	JEANNE CARLSEN	CAN
1:23.38	LOLI BALBUENA	ESP	5:49.39	BRIGID BUNCH	USA	34.79	JENNY WHITELEY	AUS	1:14.79	COLETTE CRABBE	USA
200	M. BRST					35.17	DEBBIE CAVANAUGH	USA	1:15.73	AMANDA HEATH	GBR
2:52.88	MONICA CORO	ITA	*****			35.45	STEPHANIE ROLLINS	USA	1:16.62	LINDA BROWN	GBR
2:56.54	LISA DIXON-WELLS	CAN		WOMEN 50-54		35.60	PIA STRANDH	SWE	1:16.87	N.STEADMAN-MARTIN	USA
2:57.88	MARJA BLOEMZAAD	NED	*****			35.72	GUNILLA RASMUSSEN	SWE	1:16.98	ELIZABETH HOGAN	USA
2:59.68	JUDITH HATTLE	GBR	50	M. FREE		100	M. BACK		200	M. FLY	
3:00.94	KATHY MCKNIGHT	CAN	28.12	JENNY WHITELEY	AUS	1:10.51	L.PELT-DILLER	USA	2:38.73	JENNY COOK	USA
3:02.39	RUTH CHEEMA	GBR	29.28	JUDY WOODWARD	CAN	1:11.66	K.ANDRUS-HUGHES	USA	2:39.93	MATHILDE VINK	NED
3:03.17	BRIGID BUNCH	USA	29.39	K.ANDRUS-HUGHES	USA	1:12.35	AHELEE SUE OSBORN	USA	2:43.60	N.STEADMAN-MARTIN	USA
3:03.70	LINDA SPRIGGE	GBR	29.48	LINDSEY GOWLAND	GBR	1:13.87	BONNIE BILICH	USA	2:44.27	JEANNE CARLSEN	CAN
3:04.03	HISAE NOJIMA	JPN	29.49	JENNY COOK	USA	1:15.30	DEBBIE CAVANAUGH	USA	2:45.03	A.NIESPODZIANA	POL
3:04.05	JAYNE O'BRIEN	GBR	29.54	ELKE OSTWALD	GER	1:15.30	AROMA MARTORELL	BRA	2:45.51	TRACI GRANGER	GBR
50	M. FLY		29.60	TRACI GRANGER	USA	1:16.26	DI COETZEE	RSA	2:46.13	COLETTE CRABBE	USA
29.21	LAURIE DITOMMASO	USA	29.68	GUNILLA RASMUSSEN	SWE	1:17.79	NORIKO KOBAMATSU	JPN	2:50.72	JILL JONES	GBR
29.59	K.PIPES-NEILSEN	USA	29.69	JILL BASSON	GBR	1:17.97	UTE CIMDINS	GER	2:52.93	LINDA BROWN	GBR
30.05	SHIZUKO HIRAISHI	JPN	29.81	GAYLE WETTACH	USA	1:18.39	N.STEADMAN-MARTIN	USA	2:53.46	ESTHER ISEPPI	SUI
30.37	ARLENE DELMAGE	USA	100	M. FREE		200	M. BACK		100	M. I.M.	
30.43	LISA DAHL	USA	1:01.95	JENNY WHITELEY	AUS	2:34.69	L.PELT-DILLER	USA	1:10.22	JENNY WHITELEY	AUS
30.45	KAREN MCBEATH	GBR	1:03.26	TRACI GRANGER	USA	2:38.96	BONNIE BILICH	USA	1:12.34	JENNY COOK	USA
30.60	HAYLEY BETTINSON	GBR	1:04.25	K.ANDRUS-HUGHES	USA	2:39.54	AHELEE SUE OSBORN	USA	1:12.82	AHELEE SUE OSBORN	USA
30.61	MARIA NORBORG	SWE	1:04.25	JENNY COOK	USA	2:39.76	K.ANDRUS-HUGHES	USA	1:14.11	TRACI GRANGER	USA
30.76	LESLIE LIVINGSTON	USA	1:04.28	AHELEE SUE OSBORN	USA	2:43.99	DEBBIE CAVANAUGH	USA	1:15.32	GAYLE WETTACH	USA
30.95	SARAH MACDONALD	CAN	1:04.52	ATIE PIJTAK	NED	2:46.09	N.STEADMAN-MARTIN	USA	1:16.46	COLETTE CRABBE	USA
100	M. FLY		1:05.67	SHANE GOULD	AUS	2:46.22	C.TARANTINO	ITA	1:17.05	AMANDA HEATH	GBR
1:04.42	K.PIPES-NEILSEN	USA	1:06.29	GUNILLA RASMUSSEN	SWE	2:48.26	AROMA MARTORELL	BRA	1:17.29	AROMA MARTORELL	BRA
1:06.75	SHIZUKO HIRAISHI	JPN	1:06.59	ALYSON FORDHAM	GBR	2:50.27	CLARE DAVIE	RSA	1:17.54	RENE STARRATT	CAN
1:08.93	JUDITH HATTLE	GBR	1:06.72	LINDSEY GOWLAND	GBR	2:50.84	DI COETZEE	RSA	1:17.68	TORILL BERGESEN	NOR
1:09.17	LYNN MARSHALL	CAN	200	M. FREE		50	M. BRST		200	M. I.M.	
1:09.49	SUSANNA ROSEN	SWE	2:16.50	JENNY WHITELEY	AUS	35.08	JENNY WHITELEY	AUS	2:33.55	JENNY WHITELEY	AUS
1:10.29	ANDREA BLOCK	USA	2:17.99	JENNY COOK	USA	37.06	DAGMAR HILBIG	GER	2:35.86	JENNY COOK	USA
1:11.48	D.PEDACCHIOLA	ITA	2:18.85	AHELEE SUE OSBORN	USA	37.43	ALISON NYE	GBR	2:39.66	AHELEE SUE OSBORN	USA
1:11.85	MONICA VACCARI	ITA	2:21.09	JEANNE CARLSEN	CAN	37.86	JENNY COOK	USA	2:41.42	JEANNE CARLSEN	CAN
1:11.92	SUSANNE SIMPSON	USA	2:21.29	ATIE PIJTAK	NED	38.62	MONTERRAT SOLE	ESP	2:43.52	COLETTE CRABBE	USA
1:12.19	LESLIE LIVINGSTON	USA	2:23.65	N.STEADMAN-MARTIN	USA	38.81	AMANDA HEATH	GBR	2:45.77	ATIE PIJTAK	NED
200	M. FLY		2:23.69	SHANE GOULD	AUS	38.86	AHELEE SUE OSBORN	USA	2:46.61	AMANDA HEATH	GBR
2:23.61	K.PIPES-NEILSEN	USA	2:24.57	DEBBIE CAVANAUGH	USA	38.86	AVILA RHODES	CAN	2:47.42	BONNIE BILICH	USA
2:30.40	LYNN MARSHALL	CAN	2:25.94	JILL JONES	GBR	38.95	DEBBIE CAVANAUGH	USA	2:47.61	DEBBIE CAVANAUGH	USA
2:30.44	ARLENE DELMAGE	USA	2:26.23	SUE KEARNEY	AUS	39.20	COLETTE CRABBE	USA	2:48.21	ESTHER ISEPPI	SUI
2:35.34	JUDITH HATTLE	GBR	400	M. FREE		100	M. BRST		400	M. I.M.	
2:35.46	SHIZUKO HIRAISHI	JPN	4:43.61	JENNY WHITELEY	AUS	1:18.07	JENNY WHITELEY	AUS	5:32.60	JENNY WHITELEY	AUS
2:38.04	D.PEDACCHIOLA	ITA	4:51.51	JEANNE CARLSEN	CAN	1:20.72	JENNY COOK	USA	5:42.32	JENNY COOK	USA
2:38.56	SUSANNE SIMPSON	USA	4:52.36	JENNY COOK	USA	1:23.01	KAREN MAREB	USA	5:44.32	JEANNE CARLSEN	CAN
2:42.50	ANDREA BLOCK	USA	4:54.56	AHELEE SUE OSBORN	USA	1:23.36	AMANDA HEATH	GBR	5:44.58	COLETTE CRABBE	USA
2:43.19	PATRICIA SULLIVAN	USA	4:57.01	N.STEADMAN-MARTIN	USA	1:24.19	AVILA RHODES	CAN	5:45.22	N.STEADMAN-MARTIN	USA
2:44.43	MARGRIET GROVE	NED	5:07.23	ATIE PIJTAK	NED	1:24.25	DAGMAR FRESE	GER	5:54.38	AHELEE SUE OSBORN	USA
100	M. I.M.		5:10.45	SUSANNA SORDELLI	ITA	1:25.15	RICHIKO SEKISHITA	JPN	6:01.41	AMANDA HEATH	GBR
1:06.39	K.PIPES-NEILSEN	USA	5:11.69	ALYSON FORDHAM	GBR	1:25.47	HIROKO ISHII	JPN	6:04.10	HEATHER CAMPBELL	RSA
1:10.23	SARAH MACDONALD	CAN	5:12.78	DEBBIE CAVANAUGH	USA	1:25.71	AHELEE SUE OSBORN	USA	6:07.34	ELAINE VALDEZ	USA
1:10.59	LAURIE DITOMMASO	USA	5:13.38	COLETTE CRABBE	USA	1:26.10	COLETTE CRABBE	USA	6:07.38	HARUMI SUGINUMA	JPN
1:11.64	SHIZUKO HIRAISHI	JPN	800	M. FREE		200	M. BRST				
1:11.65	LISA DIXON-WELLS	CAN	9:54.12	JEANNE CARLSEN	CAN	2:51.33	JENNY WHITELEY	AUS	*****		
1:11.80	LESLIE LIVINGSTON	USA	10:04.56	JENNY COOK	USA	2:57.11	JENNY COOK	USA		WOMEN 55-59	
1:12.05	MARIA NORBERG	SWE	10:09.25	JENNY WHITELEY	AUS	2:58.92	AMANDA HEATH	GBR	*****		
1:12.26	LISA DAHL	USA	10:16.79	N.STEADMAN-MARTIN	USA	3:01.47	COLETTE CRABBE	USA	50	M. FREE	
1:12.50	JUDITH HATTLE	GBR	10:22.50	C.TARANTINO	ITA	3:02.67	KAREN MAREB	USA	28.67	LAURA VAL	USA
1:13.21	CATHY CODLING	AUS	10:23.43	AHELEE SUE OSBORN	USA	3:04.03	FRANCES PENWARDEN	GBR	29.05	PAT SARGEANT	USA
200	M. I.M.		10:41.16	TRACY GRILLI	USA	3:04.67	HIROKO ISHII	JPN	29.16	REGULA STEIGER	SUI
2:24.28	K.PIPES-NEILSEN	USA	10:48.75	MELINDA KEMP	AUS	3:04.80	AVILA RHODES	CAN	29.41	JACKI HIRSTY	USA
2:34.13	LISA DIXON-WELLS	CAN	10:50.30	KAREN JENNINGS	GBR	3:06.35	KEIKO UTSUMI	JPN	29.59	HEATHER CAMPBELL	NZL
2:35.01	LYNN MARSHALL	CAN	10:52.57	ANNE BOURNE	GBR	3:11.68	MASUMI SATO	JPN	30.25	M.RICHTHOFEN	GER
2:35.34	SUSANNA ROSEN	SWE	1500	M. FREE		50	M. FLY		31.00	SUSAN HODGE	GBR
2:35.41	BARBARA GELLRICH	GER	19:04.24	JENNY WHITELEY	AUS	30.60	TRACI GRANGER	USA	31.04	YOSHIKO KADOSAKA	JPN
2:35.69	CECILIA STANFORD	RSA	19:05.12	JEANNE CARLSEN	CAN	30.88	JENNY WHITELEY	AUS	31.17	C.NIEUWENHUIS	NED
2:37.81	ANN KOURI	CAN	19:45.26	JENNY COOK	USA	31.33	HARUMI SUGINUMA	JPN	31.29	CATHY MERRITT	CAN
2:38.26	REBECCA PERROTT	NZL	19:47.72	N.STEADMAN-MARTIN	USA	31.86	STEPHANIE ROLLINS	USA	100	M. FREE	
2:38.92	JUDITH HATTLE	GBR	20:30.15	KAREN JENNINGS	GBR	32.67	ALISON NYE	GBR	1:01.40	LAURA VAL	USA
2:39.14	WHITNEY ZEIGER	USA	20:53.83	AUDREY COOPER	GBR	32.75	AROMA MARTORELL	BRA	1:02.75	HEATHER CAMPBELL	NZL
400	M. I.M.		20:55.76	LISA BENNETT	USA	33.01	SHANE GOULD	AUS	1:04.77	PAT SARGEANT	USA
5:13.00	K.PIPES-NEILSEN	USA	20:59.60	ANNE BOURNE	GBR	33.25	ELKE OSTWALD	GER	1:07.37	CONNY BOER-BUYS	NED
5:25.91	LYNN MARSHALL	CAN	21:02.46	CELIA DEVANNEY	USA	33.30	MATHILDE VINK	NED	1:07.57	REGULA STEIGER	SUI



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1:07.90	CATHY MERRITT	CAN	3:00.25	CATHERINE KOHN	USA	1:21.63	REGULA STEIGER	SUI	12:05.74	MARCIA BARRY	USA
1:08.97	JACKI HIRSTY	USA	3:00.64	DEB WALKER	USA	1:21.92	YOSHIKO KADOSAKA	JPN	12:13.84	KATHY SLIFER	USA
1:09.92	SUSAN HODGE	GBR	3:02.49	PAULINE INWOOD	GBR	1:22.12	CATHERINE KOHN	USA	12:19.58	JOANNE MENARD	USA
1:10.11	SUSAN HAIGH	GBR	3:04.53	RONA JOFFE	ISR	1:22.20	JANETTE JEFFREY	AUS	12:21.49	ELIZABETH SMITH	CAN
1:10.51	SANDERINA KRUGER	RSA	3:07.11	KAREN BIERWERT	USA	1:22.41	ANNE CORK	GBR	12:34.63	JULIE CRAYFORD	GBR
200 M. FREE			50 M. BRST			200 M. I.M.			12:34.69	MARGARET ROUSE	GBR
2:14.62	LAURA VAL	USA	38.91	PETRA SCHROER	GER	2:38.66	LAURA VAL	USA	12:36.36	ELAINE BLOWER	GBR
2:23.98	PAT SARGEANT	USA	39.52	REGULA STEIGER	SUI	2:46.45	HEATHER CAMPBELL	NZL	12:43.95	MARY POHLMANN	USA
2:25.91	JACKI HIRSTY	USA	40.37	JENNIFER MERRITT	GBR	2:47.90	PAT SARGEANT	USA	12:48.56	ROSEMARIE GREEN	GBR
2:29.95	CHRISTIE CIRAULO	USA	40.47	BARBARA HUMMEL	USA	2:53.56	SUSAN HAIGH	GBR	1500 M. FREE		
2:30.41	CATHY MERRITT	CAN	40.60	BRIGITTE KUHL	GER	2:54.85	CATHY MERRITT	CAN	22:17.34	LINDA SHOENBERGER	USA
2:33.46	SUSAN HAIGH	GBR	41.07	INEKE WEEKERS	NED	2:57.49	CATHERINE KOHN	USA	22:51.13	MARCIA BARRY	USA
2:33.89	SANDERINA KRUGER	RSA	41.19	HEATHER CAMPBELL	NZL	3:00.98	KRISSY MACCUDY	USA	23:25.57	JOANNE MENARD	USA
2:35.45	MARIE STUTZ	SUI	41.42	ULRIKE URBANIAK	GER	3:01.56	ANNE CORK	GBR	23:31.40	ELIZABETH SMITH	CAN
2:36.23	YURI SUETSUGU	JPN	41.99	CATHERINE KOHN	USA	3:01.89	S.LOFTUS-CHARLEY	USA	23:48.98	MARGARET ROUSE	GBR
2:36.25	MINDY DOUGHERTY	USA	42.03	LAURA VAL	USA	3:04.34	BARBARA DUNBAR	USA	23:50.41	LINDA ASHMORE	GBR
400 M. FREE			100 M. BRST			400 M. I.M.			23:56.04	ELAINE BLOWER	GBR
4:46.64	LAURA VAL	USA	1:25.89	ULRIKE URBANIAK	GER	5:41.08	LAURA VAL	USA	24:08.31	JULIE CRAYFORD	GBR
5:04.60	JACKI HIRSTY	USA	1:26.41	PETRA SCHROER	GER	6:02.53	PAT SARGEANT	USA	24:09.44	ROSEMARIE GREEN	GBR
5:05.56	CHRISTIE CIRAULO	USA	1:27.00	JENNIFER MERRITT	GBR	6:13.52	SUSAN HAIGH	GBR	24:15.08	SALLY DILLON	USA
5:10.80	PAT SARGEANT	USA	1:27.39	DEB WALKER	USA	6:18.13	CATHERINE KOHN	USA	50 M. BACK		
5:18.41	SUSAN HAIGH	GBR	1:27.80	REGULA STEIGER	SUI	6:29.64	BARBARA DUNBAR	USA	36.16	RACHEL BARTON	GBR
5:26.41	CONNY BOER-BUYS	NED	1:28.44	BARBARA HUMMEL	USA	6:31.44	CHRISTIE CIRAULO	USA	36.99	LYNETTE STEVENSON	AUS
5:30.76	BARBARA DUNBAR	USA	1:29.76	CATHY MERRITT	CAN	6:31.88	KAREN BIERWERT	USA	37.33	MARGIT OHLSSON	SWE
5:31.14	S.LOFTUS-CHARLEY	USA	1:30.28	CATHERINE KOHN	USA	6:46.71	KIM THORNTON	USA	38.92	CLARY MUNNS	AUS
5:32.69	MARTINE FAURE	FRA	1:31.55	KRISSY MACCUDY	USA	6:51.14	S.MORCHE-BLOCH	GER	39.45	RUTH SHAPS	USA
5:33.80	CATHY MERRITT	CAN	1:31.59	N.SOYRIS MACAIRE	FRA	6:52.18	JENNY IRELAND	RSA	39.55	PENNY STEELE	AUS
800 M. FREE			200 M. BRST						39.72	BRIGITTE MERTEN	GER
10:20.12	CHRISTIE CIRAULO	USA	3:05.26	ULRIKE URBANIAK	GER	*****			39.86	CAROL FELLOWS	GBR
10:54.55	PAT SARGEANT	USA	3:07.49	CATHERINE KOHN	USA	*****	WOMEN 60-64		40.13	HELEN TRIPPE	GBR
11:04.08	SUSAN HAIGH	GBR	3:08.42	JENNIFER MERRITT	GBR	*****			40.63	Y.TOVIS-LEONOV	ISR
11:07.14	S.LOFTUS-CHARLEY	USA	3:16.37	MARILYN ADAN	RSA	50 M. FREE			100 M. BACK		
11:13.26	BARBARA DUNBAR	USA	3:18.83	BARBARA HUMMEL	USA	30.99	LYNETTE STEVENSON	AUS	1:20.60	RACHEL BARTON	GBR
11:20.05	CONNY BOER-BUYS	NED	3:21.59	SKIPPY MATTSON	USA	31.23	RACHEL BARTON	GBR	1:21.31	MARGIT OHLSSON	SWE
11:20.36	KAREN BIERWERT	USA	3:21.75	MARGOT MILNE	AUS	31.42	RUTH SHAPS	USA	1:24.56	ELIZABETH SMITH	CAN
11:24.75	INEKE WEEKERS	NED	3:21.91	KAREN BIERWERT	USA	33.24	ALISON GWYNN	GBR	1:24.81	JULIE GUNTHERP	NZL
11:30.24	MARTINE FAURE	FRA	3:22.50	CHRISTINE AYERS	GBR	33.41	DALE BARNHARD	USA	1:24.92	RUTH SHAPS	USA
11:32.54	MARGARETA RAINER	SWE	3:23.90	S.MORCHE-BLOCH	GER	33.44	ELIZABETH SMITH	CAN	1:25.42	CLARY MUNNS	AUS
1500 M. FREE			50 M. FLY			33.70	MICHICO MIYAZAKI	JPN	1:28.31	BRIGITTE MERTEN	GER
18:53.74	LAURA VAL	USA	31.19	LAURA VAL	USA	33.91	BRIGITTE MERTEN	GER	1:28.51	Y.TOVIS-LEONOV	ISR
19:45.99	CHRISTIE CIRAULO	USA	32.93	CHRISTIE CIRAULO	USA	34.11	JUDY ALDEN	GBR	1:28.63	JULIA KEMP	GBR
21:31.52	BARBARA DUNBAR	USA	33.49	PAT SARGEANT	USA	34.19	JANET JASTREMSKI	USA	1:29.99	SUSIE BRESLIN	GBR
21:32.11	KAREN BIERWERT	USA	33.50	CONNY BOER-BUYS	NED	100 M. FREE			200 M. BACK		
21:51.08	MARTINE FAURE	FRA	34.06	HEATHER CAMPBELL	NZL	1:11.03	RUTH SHAPS	USA	3:02.44	RACHEL BARTON	GBR
22:11.22	KARLENE DENBY	USA	35.33	MASAKO ENZAN	JPN	1:11.20	RACHEL BARTON	GBR	3:04.58	RUTH SHAPS	USA
22:18.39	SKIPPY MATTSON	USA	35.49	YOSHIKO KADOSAKA	JPN	1:13.40	LYNETTE STEVENSON	AUS	3:06.71	CLARY MUNNS	AUS
22:21.27	ANN CAMPBELL	AUS	35.52	REGULA STEIGER	SUI	1:13.76	BRIGITTE MERTEN	GER	3:06.96	ELIZABETH SMITH	CAN
22:39.11	SALLY GUTHRIE	USA	35.68	SANDERINA KRUGER	RSA	1:14.81	ELIZABETH SMITH	CAN	3:09.28	JULIA KEMP	GBR
22:49.40	MARIA VECCHI	ITA	35.71	CATHY MERRITT	CAN	1:14.91	CAROL FELLOWS	GBR	3:15.00	MARCIA BARRY	USA
50 M. BACK			100 M. FLY			1:16.77	ALISON GWYNN	GBR	3:17.61	MICHICO MOTEGI	JPN
32.67	LAURA VAL	USA	1:09.38	LAURA VAL	USA	1:16.80	MARGIT OHLSSON	SWE	3:17.93	SUSIE BRESLIN	GBR
36.29	BENEDICTE DUPREZ	FRA	1:14.68	PAT SARGEANT	USA	1:17.12	SARAH WELCH	USA	3:18.53	MARY POHLMANN	USA
36.58	ANN GUINS	USA	1:15.80	CHRISTIE CIRAULO	USA	1:17.17	JANET JASTREMSKI	USA	3:18.64	PATRICIA JACKSON	GBR
36.64	MAUREEN HUGHES	USA	1:20.47	CONNY BOER-BUYS	NED	200 M. FREE			50 M. BRST		
36.73	MINDY DOUGHERTY	USA	1:20.79	BARBARA DUNBAR	USA	2:45.21	LINDA SHOENBERGER	USA	40.24	DALE BARNHARD	USA
36.80	HEATHER CAMPBELL	NZL	1:21.04	M.NEUMEISTER	GER	2:45.51	MARCIA BARRY	USA	40.76	YVONNE CATTRALL	CAN
37.75	K.TUNNICLIFFE	GBR	1:23.69	SUSAN HAIGH	GBR	2:46.36	ELIZABETH SMITH	CAN	41.43	JAN WICKS	AUS
38.03	MORAG BROMFIELD	RSA	1:23.77	YURI SUETSUGU	JPN	2:50.76	JOANNE MENARD	USA	42.25	JULIE CRAYFORD	GBR
38.23	TAKAKO NAKAHARA	JPN	1:24.57	C.NIEUWENHUIS	NED	2:51.94	KATHY SLIFER	USA	42.41	NOBUKO YASUDA	JPN
38.38	KARLENE DENBY	USA	1:24.85	CATHY MERRITT	CAN	2:53.32	ALISON GWYNN	GBR	42.51	JUDY ALDEN	GBR
100 M. BACK			200 M. FLY			2:53.96	ELAINE BLOWER	GBR	42.93	KAYAKO HIROSE	JPN
1:12.23	LAURA VAL	USA	2:31.13	LAURA VAL	USA	2:54.77	SUZANNE DILLS	USA	43.08	MASAKO KAITO	JPN
1:16.64	BENEDICTE DUPREZ	FRA	2:57.35	PAT SARGEANT	USA	2:56.76	JULIE CRAYFORD	GBR	43.11	BARBARA NASH	USA
1:19.74	MINDY DOUGHERTY	USA	3:02.93	CHRISTIE CIRAULO	USA	2:57.19	SETSUKO MIYAZAKI	JPN	43.41	GINGER PIERSON	USA
1:20.12	PAT SARGEANT	USA	3:07.41	BARBARA DUNBAR	USA	400 M. FREE			100 M. BRST		
1:21.37	ANNE CORK	GBR	3:16.51	CATHERINE KOHN	USA	5:47.37	LINDA SHOENBERGER	USA	1:31.46	DALE BARNHARD	USA
1:22.56	MAUREEN HUGHES	USA	3:18.03	S.MORCHE-BLOCH	GER	5:54.27	ELIZABETH SMITH	CAN	1:33.34	NOBUKO YASUDA	JPN
1:23.49	CHRISTIE CIRAULO	USA	3:24.52	MICHIKO OTO	JPN	5:55.04	JOANNE MENARD	USA	1:34.08	GINGER PIERSON	USA
1:23.84	K.TUNNICLIFFE	GBR	3:28.06	TERESA MCDOWELL	USA	5:59.74	MARCIA BARRY	USA	1:34.38	MARGOT PETTIJOHN	USA
1:23.99	JANETTE JEFFREY	AUS	3:32.06	ELISABETH REINEKE	GER	6:10.00	RITSUKO KUROSAWA	JPN	1:34.54	KAYAKO HIROSE	JPN
1:24.17	CATHERINE KOHN	USA	3:33.68	INEKE WEEKERS	NED	6:10.32	ALISON GWYNN	GBR	1:34.65	YVONNE CATTRALL	CAN
200 M. BACK			100 M. I.M.			6:10.60	JULIE CRAYFORD	GBR	1:36.30	TAMAE FURUYA	JPN
2:40.05	LAURA VAL	USA	1:13.80	LAURA VAL	USA	6:11.64	SUZANNE DILLS	USA	1:36.75	ANNE ROSE TROBISCH	GER
2:48.25	BENEDICTE DUPREZ	FRA	1:15.06	HEATHER CAMPBELL	NZL	6:12.19	MARY POHLMANN	USA	1:36.84	INGEBORG SEIDEL	GER
2:48.60	MINDY DOUGHERTY	USA	1:17.71	PAT SARGEANT	USA	6:12.24	JANET JASTREMSKI	USA	1:37.00	JULIE CRAYFORD	GBR
2:51.25	PAT SARGEANT	USA	1:19.61	CATHY MERRITT	CAN	800 M. FREE			200 M. BRST		
2:53.15	ANNE CORK	GBR	1:20.79	MAUREEN HUGHES	USA	11:40.57	LINDA SHOENBERGER	USA	3:23.14	DALE BARNHARD	USA



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3:24.18	INGEBORG SEIDEL	GER	WOMEN 65-69	42.73	KAZUKO ITO	JPN	1:46.57	KRISTYNA FECICA	POL		
3:26.73	GINGER PIERSON	USA	*****	42.81	NORIKO YOSHIDA	JPN	1:47.53	SACHIKO HASEGAWA	JPN		
3:28.22	RITSUKO KUROSAWA	JPN	50 M. FREE	100 M. BACK		200 M. FLY					
3:30.70	KAYAKO HIROSE	JPN	32.47	CHRISTEL SCHULZ	GER	1:26.66	E.KETELSEN	DEN	3:34.14	JACKIE MARR	USA
3:31.61	RUFINA SERVALLS	ESP	33.48	JEAN HOWARD-JONES	GBR	1:28.56	BONNIE PRONK	CAN	3:47.24	MICHIE DOI	JPN
3:35.23	CHIEKO NAKANISHI	JPN	33.52	JEN THOMASSON	AUS	1:31.39	JACKIE MARR	USA	3:52.12	GEORGIE HAMILTON	GBR
3:35.31	MEEGAN WILSON	USA	33.82	IKUKO OKADO	JPN	1:31.68	JOY WARD	USA	3:53.05	KRISTYNA FECICA	POL
3:37.79	DANA BROWN	USA	34.27	RENATA BASTEK	POL	1:31.78	CHRISTEL SCHULZ	GER	3:53.40	JOY WARD	USA
3:37.83	SEIKO HASEBE	JPN	34.72	E.KETELSEN	DEN	1:32.36	KAZUKO ITO	JPN	4:05.53	CHIZUKO TAKAI	JPN
50 M. FLY			34.74	TOSHIE NODA	JPN	1:33.06	SUE POLLARD	NZL	4:06.36	HERILENE FREITAS	BRA
34.47	RUTH SHAPS	USA	34.89	JACKIE MARR	USA	1:33.40	NORIKO YOSHIDA	JPN	4:06.67	SUSAN MEYERS	USA
34.96	RACHEL BARTON	GBR	35.04	KAYE BEER	AUS	1:34.13	YOKO ARAI	JPN	4:07.58	LYNNE LUND	USA
36.23	LYNETTE STEVENSON	AUS	35.22	BETH SCHREINER	USA	1:34.97	CHRIS GILLIGAN	USA	4:10.16	SIGRID KOCH	GER
36.46	JUDY WILSON	GBR	100 M. FREE	200 M. BACK		100 M. I.M.					
37.53	BRIGITTE MERTEN	GER	1:13.83	CHRISTEL SCHULZ	GER	3:05.30	BONNIE PRONK	CAN	1:26.41	CHRISTEL SCHULZ	GER
37.55	SARAH WELCH	USA	1:14.67	JACKIE MARR	USA	3:11.23	JACKIE MARR	USA	1:28.09	JACKIE MARR	USA
37.85	SUSAN TYLER	USA	1:15.26	JEN THOMASSON	AUS	3:11.32	E.KETELSEN	DEN	1:28.47	BONNIE PRONK	CAN
38.15	MACHIKO OGATA	JPN	1:15.57	JEAN HOWARD-JONES	GBR	3:14.13	JOY WARD	USA	1:30.14	JEAN HOWARD-JONES	GBR
38.39	JULIE CRAYFORD	GBR	1:16.27	E.KETELSEN	DEN	3:16.88	KAZUKO ITO	JPN	1:32.72	KAZUKO ITO	JPN
38.46	Y.TOVIS-LEONOV	ISR	1:18.14	IKUKO OKADO	JPN	3:24.13	SUE POLLARD	NZL	1:33.32	BARBARA FRID	USA
100 M. FLY			1:19.56	RENATA BASTEK	POL	3:25.41	SARAH KOPSKY	USA	1:34.06	E.KETELSEN	DEN
1:28.55	SARAH WELCH	USA	1:20.66	CAROLYN FLEMING	AUS	3:29.86	HERILENE FREITAS	BRA	1:34.60	DIANE FORD	GBR
1:28.78	SUSAN TYLER	USA	1:21.15	NANCY RIDOUT	USA	3:30.39	JANE KATZ	USA	1:35.05	REIKO HIROTA	JPN
1:29.44	JULIE CRAYFORD	GBR	1:21.47	BONNIE PRONK	CAN	3:34.17	KAZU KOYAMA	JPN	1:35.67	RENATE ZSCHOCKELT	GER
1:29.68	RITSUKO KUROSAWA	JPN	200 M. FREE	50 M. BRST		200 M. I.M.					
1:32.61	MACHIKO OGATA	JPN	2:42.08	JACKIE MARR	USA	41.53	MONIKA SENFTLEBEN	GER	3:06.64	CHRISTEL SCHULZ	GER
1:32.65	KEIKO HONDA	JPN	2:45.09	JEN THOMASSON	AUS	42.09	BONNIE PRONK	CAN	3:12.74	BONNIE PRONK	CAN
1:33.87	KEIKO UESUGI	JPN	2:50.36	E.KETELSEN	DEN	42.47	DIANE FORD	GBR	3:13.20	JACKIE MARR	USA
1:34.17	EIKO ICHIKAWA	JPN	2:55.84	NORIKO YOSHIDA	JPN	45.36	TOSHIKO OKUNO	JPN	3:17.31	HANNELORE ROSE	GER
1:35.19	INGEBORG SEIDEL	GER	2:57.69	PENNY WEBSTER	GBR	45.53	KIYOKO YONEDA	JPN	3:25.89	KAZUKO ITO	JPN
1:36.51	ROSA MONTAGUE	AUS	2:58.88	HANNELORE ROSE	GER	45.68	JEN THOMASSON	AUS	3:31.56	GEORGIE HAMILTON	GBR
200 M. FLY			2:59.62	LEA HILL	AUS	46.30	LUISE KNOPFLE	GER	3:32.90	JOY WARD	USA
3:18.64	SARAH WELCH	USA	2:59.76	BONNIE PRONK	CAN	46.75	MONIKA WARNUSZ	GER	3:36.12	RENATA BASTEK	POL
3:23.18	RITSUKO KUROSAWA	JPN	3:00.29	NANCY RIDOUT	USA	46.85	KAZUKO KAJIWARA	JPN	3:38.31	SUSAN MEYERS	USA
3:30.36	PATRICIA JACKSON	GBR	3:00.29	CAROLYN FLEMING	AUS	47.13	ROSEMARIE PAPKE	GER	3:38.66	HIROKO OTSUBO	JPN
3:33.12	MACHIKO OGATA	JPN	400 M. FREE	100 M. BRST		400 M. I.M.					
3:33.74	JULIE CRAYFORD	GBR	5:44.29	JACKIE MARR	USA	1:32.05	DIANE FORD	GBR	6:45.94	JACKIE MARR	USA
3:35.17	KEIKO HONDA	JPN	5:53.92	JEN THOMASSON	AUS	1:34.74	BONNIE PRONK	CAN	6:51.93	HANNELORE ROSE	GER
3:35.55	GINGER PIERSON	USA	6:04.89	HANNELORE ROSE	GER	1:35.61	HANNELORE ROSE	GER	7:27.63	KAZUKO ITO	JPN
3:39.61	DANIELA BARNEA	USA	6:11.48	BONNIE PRONK	CAN	1:37.46	MONIKA SENFTLEBEN	GER	7:30.43	JOY WARD	USA
3:44.77	EIKO ICHIKAWA	JPN	6:12.19	E.KETELSEN	DEN	1:38.15	LUISE KNOPFLE	GER	7:35.72	HERILENE FREITAS	BRA
3:51.14	PAT ANGUS	CAN	6:17.39	NANCY RIDOUT	USA	1:41.09	MONIKA WARNUSZ	GER	7:38.38	GEORGIE HAMILTON	GBR
100 M. I.M.			6:17.39	PENNY WEBSTER	GBR	1:42.16	TOSHIKO OKUNO	JPN	7:49.71	SUSAN MEYERS	USA
1:22.11	RUTH SHAPS	USA	6:18.38	SARAH KOPSKY	USA	1:42.89	ELSBETH FLICK	GER	7:50.75	MARIA COSTA	BRA
1:22.36	BRIGITTE MERTEN	GER	6:22.05	PINKY WALKER	USA	1:46.25	IKUKO NAGASHIMA	JPN	7:52.11	RENATA BASTEK	POL
1:23.21	RACHEL BARTON	GBR	6:25.03	JILL COMPLIN	GBR	1:46.57	KIYOKO YONEDA	JPN	7:54.58	LYNNE LUND	USA
1:25.44	MARGIT OHLSSON	SWE	800 M. FREE	200 M. BRST		200 M. I.M.					
1:25.73	CAROL FELLOWS	GBR	11:24.13	JEN THOMASSON	AUS	3:21.25	DIANE FORD	GBR	*****		
1:27.51	ELIZABETH SMITH	CAN	11:40.70	JACKIE MARR	USA	3:25.03	BONNIE PRONK	CAN	*****	WOMEN 70-74	
1:27.56	LYNETTE STEVENSON	AUS	12:15.14	HANNELORE ROSE	GER	3:36.29	LUISE KNOPFLE	GER	*****		
1:27.98	Y.TOVIS-LEONOV	ISR	12:44.08	PENNY WEBSTER	GBR	3:37.90	MONIKA WARNUSZ	GER	50 M. FREE		
1:28.57	NOBUKO YASUDA	JPN	12:47.69	BONNIE PRONK	CAN	3:43.23	ELSBETH FLICK	GER	33.52	YOSHIKO OSAKI	JPN
1:28.65	CLARY MUNNS	AUS	13:12.31	JANE KATZ	USA	3:47.87	JACKIE MARR	USA	35.28	PAM HUTCHINGS	AUS
200 M. I.M.			13:19.99	MARIA PENNA	BRA	3:50.16	SALOME HURWITZ	RSA	36.39	FUSAKO HIROOKA	JPN
2:58.96	BRIGITTE MERTEN	GER	13:24.69	JILL COMPLIN	GBR	3:51.34	INGRID LUNING	GER	36.75	GYNT CLIFFORD	USA
3:07.52	MARGIT OHLSSON	SWE	13:34.56	HERILENE FREITAS	BRA	3:53.17	GEORGIE HAMILTON	GBR	37.18	OLGA KREJCI	SUI
3:10.28	NOBUKO YASUDA	JPN	13:40.43	KATSUKO EGAWA	JPN	3:53.71	CHIZUKO TAKAI	JPN	37.80	LOTTIE GEURTS	NED
3:14.17	SARAH WELCH	USA	1500 M. FREE	50 M. FLY		50 M. I.M.			38.22	JOHNNIE DETRICK	USA
3:15.79	JULIE CRAYFORD	GBR	21:43.60	JEN THOMASSON	AUS	37.07	MICHIE DOI	JPN	38.25	HISAKO KITAYAMA	JPN
3:15.98	RITSUKO KUROSAWA	JPN	22:09.43	JACKIE MARR	USA	37.51	CHRISTEL SCHULZ	GER	38.46	JUNKO EMOTO	JPN
3:16.11	MARGOT PETTIJOHN	USA	24:15.27	PENNY WEBSTER	GBR	39.06	SARAH KOPSKY	USA	38.58	ANN GRANTHAM	GBR
3:17.79	RUFINA SERVALLS	ESP	24:25.62	E.KETELSEN	DEN	39.95	JOY WARD	USA	38.58	KAZUE WADA	JPN
3:18.28	CLARY MUNNS	AUS	24:50.25	JILL COMPLIN	GBR	40.10	JEAN HOWARD-JONES	GBR	100 M. FREE		
3:18.91	SETSUKO MIYAZAKI	JPN	25:15.98	JANE KATZ	USA	40.21	BARBARA FRID	USA	1:13.70	YOSHIKO OSAKI	JPN
400 M. I.M.			26:03.50	JENNIFER PARKS	USA	41.21	DIANE FORD	GBR	1:20.29	PAM HUTCHINGS	AUS
6:50.30	RITSUKO KUROSAWA	JPN	26:10.14	KATSUE NOMURA	JPN	41.39	TOSHIKO YAMAMOTO	JPN	1:24.79	JUNKO EMOTO	JPN
6:51.79	SARAH WELCH	USA	26:21.12	L.LOSITO-FAUCCI	ITA	41.43	HIROKO INAMI	JPN	1:25.39	LINDA MACPHERSON	CAN
6:52.67	JULIE CRAYFORD	GBR	26:38.80	MUTSUKO TANAKA	JPN	42.12	RENATE ZSCHOCKELT	GER	1:26.77	GYNT CLIFFORD	USA
7:05.32	PATRICIA JACKSON	GBR	50 M. BACK	100 M. FLY		100 M. I.M.			1:27.27	LOTTIE GEURTS	NED
7:23.45	ANNEGRET VOLCKER	GER	40.43	E.KETELSEN	DEN	1:34.57	MICHIE DOI	JPN	1:27.99	MISAO MATSUMOTO	JPN
7:25.10	ROSEMARIE GREEN	GBR	40.46	BONNIE PRONK	CAN	1:35.97	CHRISTEL SCHULZ	GER	1:28.21	CHISATO MIYAWAKI	JPN
7:25.75	TAMAKA KIKUHARA	JPN	41.25	CHRISTEL SCHULZ	GER	1:37.19	JACKIE MARR	USA	1:28.21	HELGA REICH	GER
7:28.75	CATHERINE BROOKS	USA	41.74	JACKIE MARR	USA	1:38.31	GEORGIE HAMILTON	GBR	1:28.25	JEANNE LITTLE	USA
7:30.94	SEIKO HASEBE	JPN	42.00	RENATE ZSCHOCKELT	GER	1:42.08	HANNELORE ROSE	GER	200 M. FREE		
7:33.89	GINGER PIERSON	USA	42.55	YOKO ARAI	JPN	1:42.78	JOY WARD	USA	2:44.70	YOSHIKO OSAKI	JPN
			42.58	JOY WARD	USA	1:44.36	HIROKO INAMI	JPN	3:01.93	PAM HUTCHINGS	AUS
*****			42.61	SUE POLLARD	NZL	1:46.43	LYNNE LUND	USA	3:03.41	HELGA REICH	GER



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3:04.22	LINDA MACPHERSON	CAN	46.23	MURIEL HITCHCOCK	GBR	3:44.60	BETSY JORDAN	USA	1500 M. FREE	
3:07.33	HARUMI SUGIMOTO	JPN	46.35	YOSHIKO OSAKI	JPN	3:47.26	KEIKO YAMADA	JPN	25:00.84	JANE ASHER GBR
3:08.33	REIKO ISHIZAKI	JPN	47.32	KUMIE TOKUDA	JPN	3:49.56	SUSAN MUNN	USA	28:15.56	MICHIKO OKUMURA JPN
3:08.93	SUSAN MUNN	USA	47.62	MASAYO AZUMA	JPN	3:50.35	GYNT CLIFFORD	USA	28:49.58	DOROTHY DICKEY AUS
3:11.65	MISAO MATSUMOTO	JPN	48.53	MIYUKI SAKASHITA	JPN	3:52.24	BRENDA HALLARD	GBR	29:55.38	YOSHIKO KINOSHITA JPN
3:11.78	JUNKO EMOTO	JPN	48.73	KEIKO YAMADA	JPN	3:53.19	SUE MAYNE	AUS	30:52.10	MIEKO MATSUKAWA JPN
3:12.23	LOTTIE GEURTS	NED	48.85	GISELA GRUNER	GER	3:56.05	SUSAN LIVINGSTON	USA	31:20.76	FRANCES MCINTOSH CAN
400 M. FREE			100 M. BRST			400 M. I.M.			31:21.85	DIONNE CALDWELL USA
5:50.41	YOSHIKO OSAKI	JPN	1:39.60	SHOKO YONEZAWA	JPN	6:56.79	YOSHIKO OSAKI	JPN	31:59.69	DONNA MONROE USA
6:24.41	HELGA REICH	GER	1:40.80	MASAYO AZUMA	JPN	7:59.01	BETSY JORDAN	USA	32:38.42	JOAN CAMPBELL USA
6:31.30	LINDA MACPHERSON	CAN	1:41.98	KUMIE TOKUDA	JPN	8:14.14	SUSAN LIVINGSTON	USA	32:54.40	CHIYO FUKUSHIMA JPN
6:45.48	BETSY JORDAN	USA	1:42.21	MARGIT JEBE	USA	8:16.94	SUE MAYNE	AUS	50 M. BACK	
6:47.25	SUSAN MUNN	USA	1:43.55	TAYO FUJIEDA	JPN	8:22.70	ENEDINA PEREIRA	BRA	43.19	MARLENE MENDES BRA
6:54.07	RONNIE KAMPHAUSEN	USA	1:43.86	MURIEL HITCHCOCK	GBR	8:24.17	TERUKO MURAKAMI	JPN	46.64	JANE ASHER GBR
6:54.52	DENISE ROBERTSON	AUS	1:43.92	GABRIELLA TUCCI	ITA	8:24.20	RITA ANDROSONI	ITA	47.55	GRETHE BENDTSEN DEN
6:54.66	GYNT CLIFFORD	USA	1:45.58	ANNE WILLIAMS	USA	8:59.30	TOSHIKO KATO	JPN	50.20	MITSUKO KOMURO JPN
7:04.19	JENNY BALL	GBR	1:48.36	MIYUKI SAKASHITA	JPN	9:00.95	TOMIE SHIOMOTO	JPN	50.46	JUDIE OLIVER CAN
7:05.49	URSULA FROHLICH	GER	1:48.63	YUKO SAKAGAMI	JPN	9:21.02	EULAH VARTY	CAN	50.95	KIMIKO OOKA JPN
800 M. FREE			200 M. BRST						51.14	LOREEN MCKELLAR CAN
13:33.96	LINDA MACPHERSON	CAN	3:35.67	MASAYO AZUMA	JPN	*****			51.66	TAKAKO SATO JPN
13:45.16	RONNIE KAMPHAUSEN	USA	3:44.68	TAYO FUJIEDA	JPN	*****	WOMEN 75-79		51.98	LORNA HARDING GBR
13:48.25	ANNE WILLIAMS	USA	3:51.07	HIROKO OTANI	JPN	*****			52.07	KEIKO FUJIMOTO JPN
14:13.30	PATRICIA BOND	USA	3:56.84	SUE MAYNE	AUS	50 M. FREE			100 M. BACK	
14:14.09	SUSAN MUNN	USA	3:57.39	BRENDA HALLARD	GBR	36.40	JANE ASHER	GBR	1:41.86	MARLENE MENDES BRA
14:14.84	BETSY JORDAN	USA	3:58.78	GABRIELLA TUCCI	ITA	39.70	ELIANE PELLIS	BEL	1:42.73	JANE ASHER GBR
14:21.00	URSULA FROHLICH	GER	4:00.32	MURIEL HITCHCOCK	GBR	39.96	MITSUKO KOMURO	JPN	1:45.14	JUDIE OLIVER CAN
14:52.02	RITA ANDROSONI	ITA	4:04.25	LINDSAY LANT	GBR	40.62	MICHIKO OKUMURA	JPN	1:53.97	CONNY STAMHUIS CAN
14:55.43	ANN GRANTHAM	GBR	4:05.93	MIYUKI SAKASHITA	JPN	41.35	JUDIE OLIVER	CAN	1:56.01	ANN HIRSCH USA
15:02.01	ANNELIES GRAUE	GER	4:10.95	SALLY NEWELL	USA	41.76	KIMIKO YOSHINAGA	JPN	1:56.52	KEIKO FUJIMOTO JPN
1500 M. FREE			50 M. FLY			42.19	NAN BOHL	USA	1:56.86	LOREEN MCKELLAR CAN
26:01.22	REIKO ISHIZAKI	JPN	38.95	YOSHIKO OSAKI	JPN	42.44	MITSUKO KURUSHIMA	JPN	1:57.50	AIKO GOTO JPN
26:20.80	MISAO MATSUMOTO	JPN	39.36	HARUMI SUGIMOTO	JPN	42.51	SACHIKO NAKANISHI	JPN	1:59.03	LORNA HARDING GBR
26:42.05	PATRICIA BOND	USA	42.16	HISAKO KITAYAMA	JPN	42.75	YOSHIKO YOSHIMURA	JPN	1:59.49	NANCY KINNEY USA
26:56.25	BETSY JORDAN	USA	42.66	HELGA REICH	GER	100 M. FREE			200 M. BACK	
27:42.46	JENNY BALL	GBR	43.02	GABRIELLA TUCCI	ITA	1:21.76	JANE ASHER	GBR	3:43.61	JANE ASHER GBR
28:06.48	SUMIRE ISHIHARA	JPN	43.65	GYNT CLIFFORD	USA	1:30.99	ELIANE PELLIS	BEL	3:44.40	MARLENE MENDES BRA
28:33.59	TAEKO MORIKAWA	JPN	43.82	HAIKE HOLER	GER	1:33.29	REIKO YAMAGUCHI	JPN	3:49.54	JUDIE OLIVER CAN
28:47.25	E.MCMILLAN	GBR	44.47	HISAKO SATO	JPN	1:35.10	JUDIE OLIVER	CAN	4:06.09	CONNY STAMHUIS CAN
30:03.64	LINDSAY LANT	GBR	46.77	MIDORI USUI	JPN	1:35.99	NANETTE BOHL	USA	4:10.14	TAKAKO SATO JPN
30:05.35	PATRICIA TULLMAN	USA	47.14	SUSAN MUNN	USA	1:36.55	AIKO HORII	JPN	4:14.39	AIKO GOTO JPN
50 M. BACK			100 M. FLY			1:37.43	DOROTHY DICKEY	AUS	4:14.57	NANCY KINNEY USA
40.61	PAM HUTCHINGS	AUS	1:31.04	YOSHIKO OSAKI	JPN	1:37.56	MICHIKO OKUMURA	JPN	4:14.85	ANN HIRSCH USA
42.68	SHOKO YONEZAWA	JPN	1:40.45	HELGA REICH	GER	1:39.14	MIEKO MATSUKAWA	JPN	4:17.43	BARBARA CALLISON USA
43.72	BETSY JORDAN	USA	1:48.77	GYNT CLIFFORD	USA	1:40.04	PAT NIBLETT	CAN	4:17.98	YOSHIKO IKEUCHI JPN
45.12	MISAO MATSUMOTO	JPN	1:49.96	SHOKO YAMADA	JPN	200 M. FREE			50 M. BRST	
45.41	ALICE KINNAIRD	AUS	1:50.56	MIDORI USUI	JPN	2:57.70	JANE ASHER	GBR	46.86	ELIANE PELLIS BEL
45.68	V.JOHANSSON	SWE	1:51.20	ENEDINA PEREIRA	BRA	3:23.93	MARLENE MENDES	BRA	46.94	AGNES OBERBERGHEN BEL
46.03	KEIKO YAMADA	JPN	1:56.43	SUE MAYNE	AUS	3:24.18	JUDIE OLIVER	CAN	51.17	ANN HIRSCH USA
46.23	TSUNEO YONEKURA	JPN	1:57.76	YAYOI KANAZASHI	JPN	3:25.62	ELIANE PELLIS	BEL	51.58	JANE ASHER GBR
46.50	HELEN BIRD	AUS	1:57.82	KYOKO HIGURASHI	JPN	3:31.46	MICHIKO OKUMURA	JPN	52.54	MYRNA TAYLOR GBR
46.58	FUSAKO HIROOKA	JPN	1:58.08	BETSY JORDAN	USA	3:31.78	DOROTHY DICKEY	AUS	53.60	ERIKA LOPES GBR
100 M. BACK			200 M. FLY			3:33.63	NANETTE BOHL	USA	54.15	CONNY STAMHUIS CAN
1:34.10	BETSY JORDAN	USA	3:38.27	HELGA REICH	GER	3:38.20	FRANCA PARODI	ITA	55.01	JUDIE OLIVER CAN
1:34.55	SHOKO YONEZAWA	JPN	4:03.71	ENEDINA PEREIRA	BRA	3:38.28	ANN HIRSCH	USA	55.20	GRETHE BENDTSEN DEN
1:34.59	PAM HUTCHINGS	AUS	4:11.40	SUE MAYNE	AUS	3:39.39	AIKO HORII	JPN	55.22	SILVIA NEUHAUSER AUT
1:39.14	MISAO MATSUMOTO	JPN	4:12.80	BETSY JORDAN	USA	400 M. FREE			100 M. BRST	
1:39.15	HISAKO KITAYAMA	JPN	4:23.79	MASUNO MASUDA	JPN	6:23.55	JANE ASHER	GBR	1:43.34	ELIANE PELLIS BEL
1:40.23	HELEN BIRD	AUS	4:23.84	RITA ANDROSONI	ITA	7:14.78	JUDIE OLIVER	CAN	1:44.01	AGNES OBERBERGHEN BEL
1:41.75	BRENDA WALKER	GBR	4:24.14	SUSAN LIVINGSTON	USA	7:19.65	MARLENE MENDES	BRA	1:50.24	ANN HIRSCH USA
1:42.23	INGRID LANGE	GER	4:47.40	PATRICIA TULLMAN	USA	7:21.46	ELIANE PELLIS	BEL	1:55.77	JUDIE OLIVER CAN
1:43.91	SUSAN LIVINGSTON	USA	4:48.89	TEIKO KUBOTA	JPN	7:26.62	NANETTE BOHL	USA	1:55.84	JANE ASHER GBR
1:44.14	V.JOHANSSON	SWE	4:50.71	TOSHIKO KATO	JPN	7:28.28	DOROTHY DICKEY	AUS	2:00.35	NORIKO KIMURA JPN
200 M. BACK			100 M. I.M.			7:36.02	ANN HIRSCH	USA	2:00.50	MYRNA TAYLOR GBR
3:25.71	PAM HUTCHINGS	AUS	1:27.28	YOSHIKO OSAKI	JPN	7:42.40	FRANCA PARODI	ITA	2:01.77	SILVIA NEUHAUSER AUT
3:31.87	HARUMI SUGIMOTO	JPN	1:33.24	SHOKO YONEZAWA	JPN	7:52.85	DIONNE CALDWELL	USA	2:02.70	TOSHIE YOSHIDA JPN
3:32.48	MISAO MATSUMOTO	JPN	1:38.10	TAYO FUJIEDA	JPN	7:55.20	AIKO GOTO	JPN	2:03.64	SETSUKO OKUBO JPN
3:37.89	BETSY JORDAN	USA	1:38.76	GABRIELLA TUCCI	ITA	800 M. FREE			200 M. BRST	
3:37.96	SUSAN LIVINGSTON	USA	1:40.59	BETSY JORDAN	USA	13:06.68	JANE ASHER	GBR	3:47.58	ELIANE PELLIS BEL
3:40.33	HELEN BIRD	AUS	1:40.89	KEIKO YAMADA	JPN	14:47.21	MICHIKO OKUMURA	JPN	3:49.39	AGNES OBERBERGHEN BEL
3:42.06	BRENDA WALKER	GBR	1:40.91	MISAO MATSUMOTO	JPN	15:00.87	JUDIE OLIVER	CAN	3:56.51	ANN HIRSCH USA
3:42.81	PATRICIA BOND	USA	1:42.72	GYNT CLIFFORD	USA	15:07.32	DOROTHY DICKEY	AUS	4:00.34	JUDIE OLIVER CAN
3:46.54	RITA ANDROSONI	ITA	1:42.86	SUSAN MUNN	USA	16:15.60	FRANCA PARODI	ITA	4:05.40	JANE ASHER GBR
3:48.75	MARGA SCHULZE	GER	1:44.92	NANCY BROWN	USA	16:27.13	FRANCES MCINTOSH	CAN	4:15.73	NORIKO KIMURA JPN
50 M. BRST			200 M. I.M.			16:34.25	AIKO GOTO	JPN	4:24.20	TOSHIE YOSHIDA JPN
45.42	SHOKO YONEZAWA	JPN	3:13.62	YOSHIKO OSAKI	JPN	16:47.03	DONNA MONROE	USA	4:32.62	SETSUKO OKUBO JPN
45.63	MARGIT JEBE	USA	3:40.96	GABRIELLA TUCCI	ITA	17:24.18	SHEILA NAIMAN	CAN	4:33.16	ANNE JOLIVARD FRA
46.06	GABRIELLA TUCCI	ITA	3:43.60	MISAO MATSUMOTO	JPN	17:27.80	JOAN CAMPBELL	USA	4:34.78	NANETTE BOHL USA



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50 M. FLY		100 M. FREE		4:47.13	JOAN KIDD	GBR	2:12.35	LOIS KIVI NOCHMAN	USA
44.75 JANE ASHER	GBR	1:36.42 BRITT GRILLI	SWE	4:48.44 KAZUKO TAGUCHI	JPN	2:13.58 Y.KAPLAN-BADER	FRA		
48.04 JUDIE OLIVER	CAN	1:38.96 MIEKO KAMOSHITA	JPN	4:48.69 PEGGY SANBORN	USA	2:22.13 KIKUE ONUMA	JPN		
50.68 HIROKO KATANO	JPN	1:41.25 JEAN TROY	USA	4:52.40 LOIS KIVI NOCHMAN	USA	2:23.05 SATO OHASHI	JPN		
53.58 MICHICO OKUMURA	JPN	1:42.04 JOAN PARNELL	CAN	4:58.56 DORIS STEADMAN	USA	2:23.24 ELSA DE LEEUW	CAN		
53.77 ELIANE PELLIS	BEL	1:43.53 BETTY RUSS	USA	5:03.89 SUSAN HALTER	GBR	200 M. I.M.			
54.15 BARBARA CALLISON	USA	1:44.65 CHIE TANI	JPN	5:07.42 MARIANNA HAGAN	USA	4:28.59 CHIE TANI	JPN		
55.21 TOSHIKO WADA	JPN	1:48.95 CHISE IBE	JPN	5:07.85 JOAN MCINTYRE	USA	4:29.60 JEAN TROY	USA		
55.70 SILVIA NEUHAUSER	AUT	1:49.68 TOMIKO MAKITA	JPN	50 M. BRST		4:53.26 LOIS KIVI NOCHMAN	USA		
57.59 JOAN ALEXANDER	USA	1:50.05 YOKO KOBAYASHI	JPN	51.34 EDITH BOHM	GER	5:51.16 MARIANNA HAGAN	USA		
57.77 DIONNE CALDWELL	USA	1:50.16 EVA-BRITT WIDAH	SWE	54.63 JOAN PARNELL	CAN	6:00.66 FUMIKO TSUJITANI	JPN		
100 M. FLY		200 M. FREE		56.87 ERIKA LANGE	GER	6:11.03 GLADYS OLSEN	USA		
1:54.49 JUDIE OLIVER	CAN	3:44.75 JEAN TROY	USA	58.70 Y.KAPLAN-BADER	FRA	7:54.27 ANN WHATHAM	GBR		
2:00.86 JANE ASHER	GBR	3:51.63 NORIKO NISHIKAWA	JPN	58.71 SAYOKO WATANABE	JPN	8:01.70 KIMIKO YAMAMOTO	JPN		
2:02.20 ANN HIRSCH	USA	3:53.25 CHISE IBE	JPN	1:00.34 CLARA WALKER	USA	8:26.76 GLORIA STUPFEL	USA		
2:04.00 SILVIA NEUHAUSER	AUT	3:54.71 BETTY RUSS	USA	1:01.61 EIKO MORI	JPN	400 M. I.M.			
2:08.26 KII SAITO	JPN	4:01.11 VIRGINIA KETELEER	BEL	1:02.53 JOAN KIDD	GBR	9:37.55 BETTY RUSS	USA		
2:18.23 BARBARA CALLISON	USA	4:03.19 CHIE TANI	JPN	1:02.78 NORIKO NISHIKAWA	JPN	10:37.67 LOIS KIVI NOCHMAN	USA		
2:29.24 B.MOLLER-JENSEN	DEN	4:07.55 JOAN PARNELL	CAN	1:03.57 NICOLE SCHERLE	FRA	12:00.47 GLADYS OLSEN	USA		
2:30.13 CHIYO FUKUSHIMA	JPN	4:07.91 Y.KAPLAN-BADER	FRA	100 M. BRST		17:43.52 GLORIA STUPFEL	USA		
2:30.94 SYLVIA EISELE	CAN	4:14.21 HERTA HERZOG	CAN	2:08.81 ERIKA LANGE	GER				
2:38.75 NANCY DURSTEIN	USA	4:15.93 LOIS KIVI NOCHMAN	USA	2:09.10 TERUKO ONO	JPN	*****			
200 M. FLY		400 M. FREE		2:09.23 SAYOKO WATANABE	JPN	WOMEN 85-89			
4:00.83 JUDIE OLIVER	CAN	8:05.55 BETTY RUSS	USA	2:12.75 EIKO MORI	JPN	*****			
5:02.63 HIROKO KATANO	JPN	8:26.93 CHIE TANI	JPN	2:19.27 JOAN KIDD	GBR	50 M. FREE			
5:28.99 THELMA BRYAN	AUS	8:44.58 Y.KAPLAN-BADER	FRA	2:20.60 JEAN TROY	USA	48.10 MARGERY MEYER	USA		
5:39.59 NANCY DURSTEIN	USA	8:52.90 EVA-BRITT WIDAH	SWE	2:26.86 HERTA HERZOG	CAN	53.00 SUGAKO KUWAYAMA	JPN		
5:47.71 JOAN CAMPBELL	USA	8:59.55 HERTA HERZOG	CAN	2:30.41 B. VICKERS-BAKER	AUS	56.46 MASAKO MUKAO	JPN		
5:58.42 CHIYO FUKUSHIMA	JPN	9:16.38 JEANNE MEREDITH	USA	2:32.04 BARBRO THORNELOF	SWE	57.96 MAURINE KORNFELD	USA		
6:23.04 AILSA DUNCAN	AUS	9:24.38 LOIS KIVI NOCHMAN	USA	2:33.72 MIRIAM TUOVILA	USA	59.08 JOYCE FAUNCE	AUS		
7:21.72 RUTH HOSKINSON	USA	9:29.34 ERIKA LANGE	GER	200 M. BRST		59.25 DOROTHY WILLIAMS	GBR		
8:06.91 LUIZA SILVA	BRA	9:32.75 YVELINE JOUANNEAU	BRA	4:40.15 EIKO MORI	JPN	59.99 B.BURRILL	USA		
8:09.74 KIYOKO YAMAGUCHI	JPN	9:38.92 TERRY SOKOLIK	USA	4:51.88 ERIKA LANGE	GER	1:00.29 MARIANNA BERKLEY	USA		
100 M. I.M.		800 M. FREE		5:00.02 BARBARA VICKERS	AUS	1:00.94 JOYCE O'FARRELL	AUS		
1:37.48 JANE ASHER	GBR	17:32.87 BETTY RUSS	USA	5:12.09 JOAN KIDD	GBR	1:01.12 M. CHIPPERFIELD	AUS		
1:47.88 ELIANE PELLIS	BEL	17:58.31 LOIS KIVI NOCHMAN	USA	5:24.83 LOIS KIVI NOCHMAN	USA	100 M. FREE			
1:47.93 MICHICO OKUMURA	JPN	18:06.31 HERTA HERZOG	CAN	5:28.81 JUSTINE BAMFORD	AUS	1:46.95 MARGERY MEYER	USA		
1:50.06 ANN HIRSCH	USA	20:19.31 PEGGY SANBORN	USA	5:53.89 MIRIAM TUOVILA	USA	2:05.15 SUGAKO KUWAYAMA	JPN		
1:50.30 JUDIE OLIVER	CAN	20:33.84 VAL LINCOLN	AUS	5:54.06 NORMA HARLOW	USA	2:08.98 MAURINE KORNFELD	USA		
1:50.83 GRETHE BENDTSEN	DEN	20:48.94 TOSHIKO AMANO	JPN	6:26.96 GLADYS OLSEN	USA	2:09.56 FUMI MURATA	JPN		
1:51.69 MITSUKO KOMURO	JPN	21:16.18 FLORA WONG	USA	6:27.07 TOKIKO SUGIYAMA	JPN	2:15.45 JOYCE O'FARRELL	AUS		
1:56.55 REIKO YAMAGUCHI	JPN	21:24.66 BETTY BRUSSEL	CAN	50 M. FLY		2:18.12 LIS KNUTZEN	DEN		
1:56.73 KII SAITO	JPN	22:37.88 JOAN MCINTYRE	USA	57.73 CHIE TANI	JPN	2:22.28 KIKUE ISHII	JPN		
1:59.49 NORMA POWELL	CAN	23:34.77 VAL SMITH	AUS	58.20 JEAN TROY	USA	2:22.69 CHIYOKO TAKIZAWA	JPN		
200 M. I.M.		1500 M. FREE		1:00.34 LOIS KIVI NOCHMAN	USA	2:23.78 HOSCHKE-LENGEFELD	GER		
3:40.22 JANE ASHER	GBR	34:09.11 BETTY RUSS	USA	1:01.05 Y.KAPLAN-BADER	FRA	2:26.43 JUNE REYNOLDS	USA		
3:40.69 JUDIE OLIVER	CAN	34:53.17 LOIS KIVI NOCHMAN	USA	1:04.55 EDIE GRUENDER	USA	200 M. FREE			
3:57.06 ANN HIRSCH	USA	38:12.26 PEGGY SANBORN	USA	1:10.17 NORA RONAI	BRA	4:29.50 MAURINE KORNFELD	USA		
4:04.06 MICHICO OKUMURA	JPN	40:31.88 TOSHIKO AMANO	JPN	1:11.97 TERRY SOKOLIK	USA	4:53.19 JOYCE O'FARRELL	AUS		
4:19.47 BARBARA CALLISON	USA	42:17.75 MARGARET DAVEY	AUS	1:14.88 KATHLEEN GRIMMER	GBR	4:55.27 LIS KNUTZEN	DEN		
4:29.70 TOSHIE YOSHIDA	JPN	43:10.80 ALBA CAFFARENA	ITA	1:16.95 MARIANNA HAGAN	USA	5:04.74 HOSCHKE-LENGEFELD	GER		
4:38.27 JULIA GULYAS	CAN	43:14.22 JUSTINE BAMFORD	AUS	1:17.68 BARBARA VICKERS	AUS	6:05.65 CHARLOTTE SANDDAL	USA		
4:43.94 FRANCA PARODI	ITA	50 M. BACK		100 M. FLY		6:20.52 MARIE HARRIS	AUS		
4:54.80 B.MOLLER-JENSEN	DEN	49.02 JOAN PARNELL	CAN	2:16.00 Y.KAPLAN-BADER	FRA	6:24.75 KIYOMI KITAMURA	JPN		
4:56.71 NANCY DURSTEIN	USA	49.97 KERSTIN GJORES	SWE	2:19.85 JEAN TROY	USA	7:36.93 HELEN JACKSON	AUS		
400 M. I.M.		51.95 CLARA WALKER	USA	2:21.71 LOIS NOCHMAN	USA	7:42.46 MARION DEVITT	CAN		
8:27.31 ANN HIRSCH	USA	53.55 EDITH BOHM	GER	2:22.88 BETTY RUSS	USA	8:26.38 HILDA LINDFIELD	AUS		
9:17.61 MARLENE MENDES	BRA	55.88 KAZUKO TAGUCHI	JPN	2:56.63 EDIE GRUENDER	USA	400 M. FREE			
10:18.35 NANCY DURSTEIN	USA	57.99 ERIKA LANGE	GER	3:08.59 NORA RONAI	BRA	7:58.41 MARGERY MEYER	USA		
10:46.44 BARBARA OWENS	USA	58.81 MIDORI KINJO	JPN	3:23.58 GLADYS OLSEN	USA	8:44.56 MAURINE KORNFELD	USA		
12:06.86 BARBARA EISELE	USA	1:00.99 SUSAN HALTER	GBR	4:03.20 KALIS RASMUSSEN	CAN	9:47.81 FUMI MURATA	JPN		
13:30.65 GLAD MCGOUGH	AUS	1:01.08 LOIS KIVI NOCHMAN	USA	4:47.31 GLORIA STUPFEL	USA	12:47.01 ANNE POTTIER	FRA		
*****		1:01.43 TALETTA NAUBER	GER	5:17.54 KIMIKO YAMAMOTO	JPN	800 M. FREE			
*****		100 M. BACK		200 M. FLY		19:04.96 MAURINE KORNFELD	USA		
*****		1:49.83 JOAN PARNELL	CAN	4:54.54 BETTY RUSS	USA	22:56.27 JOY GRANGE	AUS		
*****		1:57.23 KERSTIN GJORES	SWE	5:04.29 LOIS KIVI NOCHMAN	USA	50 M. BACK			
50 M. FREE		2:08.03 ERIKA LANGE	GER	6:07.74 EDIE GRUENDER	USA	59.11 MARGERY MEYER	USA		
43.58 CHIE TANI	JPN	2:10.85 LOIS KIVI NOCHMAN	USA	7:03.17 GLADYS OLSEN	USA	1:02.16 DOROTHY WILLIAMS	GBR		
43.59 BRITT GRILLI	SWE	2:10.85 JOAN KIDD	GBR	7:29.57 NORA RONAI	BRA	1:03.45 HANA ENATSU	JPN		
43.88 JOAN PARNELL	CAN	2:13.09 SATO OHASHI	JPN	8:06.47 KALIS RASMUSSEN	CAN	1:07.92 MARIANNA BERKLEY	USA		
43.92 KIMIKO RI	JPN	2:14.52 DORIS STEADMAN	USA	10:05.24 GLORIA STUPFEL	USA	1:09.79 LISA FRIIS	DEN		
44.36 CLARA WALKER	USA	2:16.33 KAZUKO TAGUCHI	JPN	100 M. I.M.		1:11.15 HIDEKO HANADA	JPN		
44.80 BETTY RUSS	USA	2:17.90 YASUKO FUJITA	JPN	1:56.27 JOAN PARNELL	CAN	1:12.00 HOSCHKE-LENGEFELD	GER		
45.16 EIKO MORI	JPN	2:19.79 PEGGY SANBORN	USA	2:02.48 JEAN TROY	USA	1:13.15 JOY GRANGE	AUS		
46.71 KERSTIN GJORES	SWE	200 M. BACK		2:05.55 YOKO KOBAYASHI	JPN	1:13.40 ILSE ROCHOWIAK	GER		
46.93 JEAN TROY	USA	4:08.87 JOAN PARNELL	CAN	2:06.46 CHIE TANI	JPN	1:14.79 MAURINE KORNFELD	USA		
48.10 EVA-BRITT WIDAH	SWE	4:42.07 ERIKA LANGE	GER	2:08.38 NORIKO NISHIKAWA	JPN	100 M. BACK			



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2008

2:16.21	DOROTHY WILLIAMS	GBR	6:51.10	ANNE POTTIER	FRA	200 M. FREE		17:15.30	C.GRABHAM	GBR	
2:21.99	HANA ENATSU	JPN	7:32.57	CHARLOTTE SANDDAL	USA	6:50.52	MARIE KELLEHER	USA	17:17.70	JUSTIN BURKHARDT	USA
2:30.33	MAURINE KORNFELD	USA	8:14.90	KIYOMI KITAMURA	JPN	11:14.39	BERNARDA ANGULO	ESP	17:28.90	GABRIELE SALINI	ITA
2:33.40	LISA FRIIS	DEN	400 M. I.M.			50 M. BACK		17:35.11	XAVIER TORRADES	ESP	
2:35.32	MARIANNA BERKLEY	USA	12:37.02	JAE HOWELL	USA	1:57.45	BERNARDA ANGULO	ESP	17:38.80	GEOFFREY TWINNING	GBR
2:37.02	ANNE POTTIER	FRA	23:20.13	ELFIE STEVENIN	USA	2:35.10	ROSA SELLARES	ESP	50 M. BACK		
2:37.22	HIDEKO HANADA	JPN				100 M. BACK		25.83	KEVIN DOAK	USA	
2:39.43	JOY GRANGE	AUS	*****			4:08.35	BERNARDA ANGULO	ESP	25.96	KRISTIAN OUTINEN	DEN
2:39.88	HOSCHKE-LENGEFELD	GER		WOMEN 90-94		200 M. BACK		26.28	MASAYA TAKATORI	JPN	
2:41.17	MICHELE GUILLAIS	FRA	*****			9:20.51	BERNARDA ANGULO	ESP	26.36	JEFF LEE	SWE
200 M. BACK			50 M. FREE			100 M. I.M.		26.61	NATHAN OXFORD	GBR	
4:49.34	DOROTHY WILLIAMS	GBR	56.55	RITA SIMONTON	USA	3:54.89	MARIE KELLEHER	USA	26.62	JONATHAN AUDIS	GBR
5:09.44	MAURINE KORNFELD	USA	1:08.65	JOAN GODSALL	AUS				26.64	SHOGO UEHARA	JPN
5:26.36	MARIANNA BERKLEY	USA	1:12.58	KATH JOHNSTONE	NZL	*****			26.65	SYLVAIN JOSEPH	FRA
5:34.06	ANNE POTTIER	FRA	1:16.49	EDNA FARRELL	NZL		M E N 25-29		26.69	KENJI ISHIGAMI	JPN
6:14.69	MARIE HARRIS	AUS	1:19.65	KIKU ONO	JPN	*****			26.76	JENS PETERSSON	SWE
6:54.67	ALBA BUTI	ITA	1:20.59	YOSHIKO WATANABE	JPN	50 M. FREE		100 M. BACK			
7:10.16	CHARLOTTE SANDDAL	USA	1:24.18	EDITH GLUSAC	USA	22.76	STEFAN OOSTING	NED	55.87	NATHAN OXFORD	GBR
7:50.31	NANCY AYRES	AUS	1:31.59	BETH HANKS	USA	22.76	DANIEL BELINI	BRA	56.50	JONATHAN AUDIS	GBR
8:08.27	HILDA LINDFIELD	AUS	1:34.37	JESSIE POWER	GBR	22.82	TOMOYUKI HIRAYAMA	JPN	56.55	KRISTIAN OUTINEN	DEN
8:16.36	ELFIE STEVENIN	USA	100 M. FREE			23.23	SYLVAIN JOSEPH	FRA	56.64	SYLVAIN JOSEPH	FRA
50 M. BRST			2:07.65	RITA SIMONTON	USA	23.30	MATHIAS HAGENEIER	SWE	56.76	KEVIN DOAK	USA
1:00.56	SATOKO SUZUKI	JPN	2:09.13	HISAKO KOGA	JPN	23.50	PAUL WILKINS	CAN	58.09	SYLVAIN CROS	FRA
1:07.86	INGEBORG FRITZE	GER	2:41.09	JOAN GODSALL	AUS	23.57	STEPHANE FAVIERE	FRA	58.18	KOTA HAIZAKI	JPN
1:08.46	DOROTHY WILLIAMS	GBR	2:41.85	KATH JOHNSTONE	NZL	23.60	KEVIN DOAK	USA	58.30	KENJI ISHIGAMI	JPN
1:08.77	MICHELE GUILLAIS	FRA	2:49.67	KIKU ONO	JPN	23.63	K.VOLDSGAARD	DEN	58.36	PHILIPPE PIOT	FRA
1:11.64	MARIANNA BERKLEY	USA	3:21.94	MASAKO MATSUNO	JPN	23.65	JEFF DASH	USA	58.43	ANTHONY VD KRAAY	GBR
1:12.59	LIS KNUTZEN	DEN	3:22.39	BETH HANKS	USA	100 M. FREE		200 M. BACK			
1:16.83	NAKA FUKUOKA	JPN	3:30.46	CHIE SUGIYAMA	JPN	50.20	STEFAN OOSTING	NED	2:03.99	ANTHONY VD KRAAY	GBR
1:18.56	ALISON WORRALL	AUS	200 M. FREE			50.31	D.STOCKINGER	AUT	2:08.56	E.BRADLEY	USA
1:19.34	JAE HOWELL	USA	4:24.90	RITA SIMONTON	USA	50.43	SYLVAIN JOSEPH	FRA	2:08.99	KOTA HAIZAKI	JPN
1:19.53	ANNELIESE POKER	GER	4:49.36	HISAKO KOGA	JPN	50.69	DANIEL BELINI	BRA	2:09.63	D.STOCKINGER	AUT
100 M. BRST			5:38.34	KATH JOHNSTONE	NZL	51.30	GERMAIN CAYETTE	FRA	2:09.70	JULIEN BAILLOD	SUI
2:26.71	DOROTHY WILLIAMS	GBR	6:05.92	KIKU ONO	JPN	51.37	A.BERGENTHAL	GER	2:09.96	STEPHAN MALESZKA	GER
2:37.10	INGEBORG FRITZE	GER	7:22.38	MASAKO MATSUNO	JPN	51.82	ANDREAS PETERSEN	DEN	2:10.06	IAN THWAITES	GBR
2:43.55	NAKA FUKUOKA	JPN	7:42.05	CHIE SUGIYAMA	JPN	51.85	STEPHANE FAVIERE	FRA	2:10.66	QUENTIN DELSAUX	FRA
2:44.17	LIS KNUTZEN	DEN	400 M. FREE			51.90	KOHEI FUKAYA	JPN	2:10.88	MARTIN JENSEN	DEN
2:44.67	MARIANNA BERKLEY	USA	9:01.89	RITA SIMONTON	USA	51.92	OLIVIER BUSSOLINO	FRA	2:11.11	KAROL ZEMIER	POL
3:04.85	ALISON WORRALL	AUS	12:17.00	KATH JOHNSTONE	NZL	200 M. FREE		50 M. BRST			
3:06.05	BARBARA BOHM	GER	13:45.80	KIKU ONO	JPN	1:52.16	SYLVAIN CROS	FRA	28.18	MITSUHIRO MARU	JPN
3:16.57	MICHIKO HAMURO	JPN	800 M. FREE			1:54.28	STEFAN MULLER	SUI	28.46	COREY WELCH	USA
3:19.52	ANNE POTTIER	FRA	18:38.98	RITA SIMONTON	USA	1:54.72	KOHEI FUKAYA	JPN	28.68	KRISTIAN OUTINEN	DEN
3:22.05	MARION DEVITT	CAN	1500 M. FREE			1:55.09	GREGORY PALUMBO	USA	29.02	MATTHIAS RUMPF	GER
200 M. BRST			35:40.38	RITA SIMONTON	USA	1:55.13	KOJI YAMAMOTO	JPN	29.31	NICOLAS CANIVET	FRA
5:09.65	DOROTHY WILLIAMS	GBR	50 M. BACK			1:55.25	A.BERGENTHAL	GER	29.49	STUART MANFORD	GBR
5:47.33	MARIANNA BERKLEY	USA	1:16.87	JOAN GODSALL	AUS	1:55.43	ROBERT BELLAMY	USA	29.58	VINCENT FUSIBET	FRA
5:55.47	INGEBORG FRITZE	GER	1:20.79	EDITH GLUSAC	USA	1:55.51	JORN RICHTER	GER	29.59	GUILLAUME FILION	CAN
6:51.90	BARBARA BOHM	GER	1:21.23	MIEKO NAGAOKA	JPN	1:55.54	C.PEARSON	USA	29.60	KOTARO MORITA	JPN
7:42.46	MARION DEVITT	CAN	1:28.16	KIKU ONO	JPN	1:55.77	LOUIS BONNEAU	CAN	29.63	CHRISTIAN LOHFINK	GER
8:34.74	LIVIA WALKER	USA	1:28.95	YOSHIKO WATANABE	JPN	400 M. FREE		100 M. BRST			
50 M. FLY			1:44.68	BETH HANKS	USA	3:58.23	MARTIN HOHL	SUI	1:01.49	MITSUHIRO MARU	JPN
1:25.78	JAE HOWELL	USA	100 M. BACK			4:00.87	D.STOCKINGER	AUT	1:02.38	KRISTIAN OUTINEN	DEN
1:30.59	CHARLOTTE SANDDAL	USA	3:05.29	MIEKO NAGAOKA	JPN	4:01.39	SYLVAIN CROS	FRA	1:03.07	COREY WELCH	USA
1:34.26	MARIANNA BERKLEY	USA	3:11.41	KIKU ONO	JPN	4:04.08	JULIEN BAILLOD	SUI	1:03.16	SHIGENORI SATO	JPN
1:35.31	MAURINE KORNFELD	USA	3:39.20	BETH HANKS	USA	4:08.01	GREGORY PALUMBO	USA	1:03.75	NAOKI NAGURA	JPN
2:46.04	ELFIE STEVENIN	USA	200 M. BACK			4:08.74	SEAN SMITH	USA	1:03.85	TOMONORI TSUJI	JPN
100 M. FLY			6:41.31	MIEKO NAGAOKA	JPN	4:09.88	C.PEARSON	USA	1:03.95	MATTHIAS RUMPF	GER
3:54.84	ANNE POTTIER	FRA	50 M. BRST			4:11.90	MAXIME DESCATOIRE	FRA	1:04.71	TETSUYA NOZAKI	JPN
200 M. FLY			1:36.78	RITA SIMONTON	USA	4:12.18	WOUTER AUTENBOER	BEL	1:04.91	M.KURZAWSKI	GER
6:37.17	JAE HOWELL	USA	1:48.73	EDNA FARRELL	NZL	4:12.42	LOUIS BONNEAU	CAN	1:05.55	VINCENT FUSIBET	FRA
8:44.12	ANNE POTTIER	FRA	1:49.95	EDITH GLUSAC	USA	800 M. FREE		200 M. BRST			
100 M. I.M.			50 M. FLY			8:31.19	ASUKA KOIZUMI	JPN	2:19.27	COREY WELCH	USA
2:13.69	MARGERY MEYER	USA	1:30.41	RITA SIMONTON	USA	8:41.44	JOHN CALNAN	CAN	2:21.71	CAMERON CHARLTON	CAN
2:31.14	MARIANNA BERKLEY	USA	100 M. I.M.			8:48.69	JUAN CARLO PICCIO	USA	2:23.91	GABRIELE COLOMBO	ITA
2:42.01	JAE HOWELL	USA	2:51.20	RITA SIMONTON	USA	8:52.39	BRIAN WADLEY	USA	2:24.34	MARC VAILLANCOURT	CAN
2:54.07	M. CHIPPERFIELD	AUS	200 M. I.M.			8:53.55	JUSTIN BURKHARDT	USA	2:24.75	VINCENT FUSIBET	FRA
3:02.40	MAURINE KORNFELD	USA	5:58.46	RITA SIMONTON	USA	8:55.43	GREGORY PALUMBO	USA	2:25.62	JULIEN BAILLOD	SUI
3:09.87	ANNE POTTIER	FRA				8:55.89	ANTHONY VD KRAAY	GBR	2:25.87	M.MARTINEZ-QUINTA	ESP
3:43.71	KIYOMI KITAMURA	JPN	*****			8:56.46	ANDY NONAKA	USA	2:27.08	M.KURZAWSKI	GER
3:54.61	GERTRUDE BOX	USA		WOMEN 95-99		8:58.58	C.GRABHAM	GBR	2:27.41	KOJI TAKEGAWA	JPN
4:10.16	JEANNE TURGEON	CAN	*****			9:00.54	BRUNO STARZEC	FRA	2:28.26	BARRIE STEWART	GBR
4:44.96	ELFIE STEVENIN	USA	50 M. FREE			1500 M. FREE		50 M. FLY			
200 M. I.M.			2:01.86	BERNARDA ANGULO	ESP	15:56.29	MARTIN HOHL	SUI	23.77	DAISUKE ABE	JPN
5:53.44	MARIANNA BERKLEY	USA	2:57.20	ROSA SELLARES	ESP	16:40.10	BRIAN WADLEY	USA	24.71	DANIEL BELINI	BRA
6:01.26	JAE HOWELL	USA	100 M. FREE			16:53.44	JULIEN SOL	FRA	24.78	KEI NAKASHIMA	JPN
6:10.09	JUNE REYNOLDS	USA	3:10.36	MARIE KELLEHER	USA	17:09.11	MATHIEU DAVID	FRA	24.78	OLIVER WENZEL	GER
6:21.15	MAURINE KORNFELD	USA	4:25.97	BERNARDA ANGULO	ESP	17:15.11	JULIEN FARRAS	FRA	24.92	KRISTIAN OUTINEN	DEN



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25.05 KEVIN DOAK	USA	49.04 S.KUNZELMANN	GER	1:56.68 STEFAN HERBST	GER	55.00 STEFAN HERBST	GER
25.07 D.STOCKINGER	AUT	49.97 ANDREW MANLEY	GBR	2:03.36 TAKUMA YAMAOKA	JPN	56.83 DERYA BUYUKUNCU	USA
25.16 JOHANNES NITSCHKE	ESP	51.17 STEPHANE MEYER	FRA	2:09.72 JEROME LEPRINCE	FRA	56.87 JEFF COMMINGS	USA
25.23 KOHEI FUKAYA	JPN	51.59 SEBASTIEN BILLON	FRA	2:10.91 FRANCK DUDOUET	FRA	57.29 ANDREW MANLEY	GBR
25.24 JEFF LEE	SWE	51.60 JONATHAN MILLER	CAN	2:10.96 ROMAIN MARTY	FRA	57.71 SEBASTIEN BILLON	FRA
100 M. FLY		51.67 MARCO EBENBICHLER	AUT	2:11.16 DANIEL COTTON	GBR	57.97 JACOB CARSTENSEN	DEN
53.82 JEFF DASH	USA	51.96 JACOB CARSTENSEN	DEN	2:12.82 BRIAN OLVER	USA	58.02 C.SORRENTINO	ITA
54.26 KEI NAKASHIMA	JPN	52.03 SEBASTIEN LEQUEUX	FRA	2:13.36 HIDEAKI OGAWA	JPN	58.78 J.BELLEROPHON	FRA
54.73 D.STOCKINGER	AUT	52.14 ALEKS DANMARK	DEN	2:14.73 FABIO AFFRICANO	ITA	58.78 SEBASTIEN LEQUEUX	FRA
55.16 KOHEI ASANO	JPN	52.14 ALESSANDRO BERTI	ITA	2:15.03 JAMES DONN	GBR	59.04 FERNANDO ALAEZ	ESP
55.42 KRISTIAN OUTINEN	DEN	200 M. FREE		50 M. BRST		200 M. I.M.	
55.48 MARK LEWIS	GBR	1:48.40 JACOB CARSTENSEN	DEN	28.01 JEFF COMMINGS	USA	1:58.13 STEFAN HERBST	GER
55.71 RYAN SMITH	USA	1:54.72 RAPHAEL VIEIRA	BRA	28.75 JORG FARBER	GER	2:04.16 JOCHEN HANZ	GER
55.96 MATTEO BENASSI	ITA	1:54.84 LACHLAN MCDOWELL	AUS	29.11 RYOSUKE IMAI	JPN	2:05.74 JACOB CARSTENSEN	DEN
56.61 KEVIN BARTER	GBR	1:54.92 JONATHAN MILLER	CAN	29.20 PETER KERR	AUS	2:06.44 JEFF COMMINGS	USA
56.68 YUTA HAYASAKI	JPN	1:56.65 FERNANDO ALAEZ	ESP	29.22 ADRIANO BECCARI	BRA	2:08.85 RAPHAEL VIEIRA	BRA
200 M. FLY		1:57.08 DARIO CAPPELLO	ITA	29.37 CARLOS ALENCAR	BRA	2:10.59 ERIK SCALISE	USA
1:59.74 MARK LEWIS	GBR	1:57.11 MIGUEL ALCALDE	ESP	29.55 BASTIAN KAMPMANN	GER	2:11.31 KEISUKE KUGA	JPN
1:59.92 SATOSHI TORATANI	JPN	1:58.21 ANDREA MARCATO	ITA	29.62 MASAHIKO KUBOTA	JPN	2:11.59 SHIGEO SHIRAISHI	JPN
2:04.19 JEFF DASH	USA	1:58.23 JACOPO VANNUCCI	ITA	29.94 DAISUKE MIYASAKA	JPN	2:11.77 BRIAN OLVER	USA
2:05.40 STEFAN MULLER	SUI	1:59.05 M.MATTACCHIONE	ITA	29.99 MATTHEW CHAPPEL	GBR	2:12.14 JEROME LEPRINCE	FRA
2:06.87 JULIEN BAILLOD	SUI	400 M. FREE		100 M. BRST		400 M. I.M.	
2:06.91 SUSUMU TABUCHI	JPN	4:02.06 RAPHAEL VIEIRA	BRA	1:01.34 JEFF COMMINGS	USA	4:27.02 JOCHEN HANZ	GER
2:08.50 MATTEO BENASSI	ITA	4:02.80 CRAIG PICKERING	USA	1:03.27 RYOSUKE IMAI	JPN	4:38.24 CRAIG PICKERING	USA
2:08.76 JONATHAN AUDIS	GBR	4:04.46 IGOR PIOVESAN	ITA	1:03.72 RYUTARO MORITA	JPN	4:43.44 SLAWOMIR PREDKI	POL
2:08.96 JUAN CARLO PICCIO	USA	4:08.32 ANDREA MARCATO	ITA	1:03.95 JORG FARBER	GER	4:43.89 IGOR PIOVESAN	ITA
2:09.96 ANTHONY VD KRAAY	GBR	4:09.54 MIGUEL ALCALDE	ESP	1:04.36 JACOB CARSTENSEN	DEN	4:44.10 TIM SPIWOKS	GER
100 M. I.M.		4:09.73 MIKAEL ROSEN	SWE	1:04.63 C.SORRENTINO	ITA	4:50.23 DAVID BOWER	GBR
56.13 NAOKI NAGURA	JPN	4:14.03 HIROFUMI NAKAGAWA	JPN	1:04.65 BASTIAN KAMPMANN	GER	4:51.82 FABIO AFFRICANO	ITA
56.47 KRISTIAN OUTINEN	DEN	4:14.09 ANDERS KROON	SWE	1:04.87 JOCHEN HANZ	GER	4:52.05 ANTONIO CASTORINA	ITA
57.87 JONATHAN AUDIS	GBR	4:14.40 FABIO AFFRICANO	ITA	1:05.04 TOMASZ DUSZYNSKI	POL	4:52.24 ALESSANDRO ROSSI	ITA
57.88 JEFF DASH	USA	4:14.97 FRANCK DUDOUET	FRA	1:05.06 PETER KERR	AUS	4:53.81 STEPHANE MEYER	FRA
58.39 KOHEI FUKAYA	JPN	800 M. FREE		200 M. BRST		*****	
58.66 SYLVAIN JOSEPH	FRA	8:28.60 IGOR PIOVESAN	ITA	2:17.71 TOMASZ DUSZYNSKI	POL	M E N 35-39	
58.97 CHRISTOPHER JONES	GBR	8:29.51 CRAIG PICKERING	USA	2:21.99 SIMONE BATTISTON	ITA	*****	
59.08 ANTHONY VD KRAAY	GBR	8:42.60 ANDREA MARCATO	ITA	2:24.59 MASAHIKO KUBOTA	JPN	50 M. FREE	
59.24 RYAN SMITH	USA	8:46.92 ANDERS KROON	SWE	2:24.90 RAPHAEL VIEIRA	BRA	23.02 BRIAN JACOBSON	USA
59.26 COREY WELCH	USA	8:47.83 JAMES LEITCH	GBR	2:26.20 DAISUKE MAEHIRA	JPN	23.52 AUSTYN SHORTMAN	GBR
59.26 FLORENT POIRIER	FRA	9:02.60 DANIEL PETRELLA	GER	2:27.95 ANTONIO CASTORINA	ITA	23.61 MAKIO ENDO	JPN
200 M. I.M.		9:08.35 JASON EADDY	USA	2:28.80 ADRIANO BECCARI	BRA	23.68 TYLER BLESSING	USA
2:05.74 ANTHONY VD KRAAY	GBR	9:13.70 M.MICHAELSEN	GER	2:28.82 BRIAN OLVER	USA	23.72 SVEN GUSKE	GER
2:07.50 KRISTIAN OUTINEN	DEN	9:15.90 GIULIANO RONCHI	ITA	2:28.84 YANN DELONGCHAMPS	FRA	23.80 MARKUS OBLAK	AUT
2:08.76 AURELIEN COQ	FRA	9:16.16 ROMAIN MARTY	FRA	2:28.86 HUGO MORAIS	BRA	23.89 ANDRE HARVEY	CAN
2:09.13 ASUKA KOIZUMI	JPN	1500 M. FREE		50 M. FLY		23.92 EIJI NOMURA	JPN
2:09.15 SYLVAIN JOSEPH	FRA	16:06.84 IGOR PIOVESAN	ITA	24.74 LEANDRO OKUDA	BRA	24.04 GO KUWATA	JPN
2:09.28 D.STOCKINGER	AUT	16:21.80 CRAIG PICKERING	USA	25.11 DANIEL MORALES	ESP	24.07 DAVIDE STELL	ITA
2:09.85 KOJI YAMAMOTO	JPN	17:00.16 JAMES LEITCH	GBR	25.38 STEPHANE MEYER	FRA	100 M. FREE	
2:09.95 LOUIS BONNEAU	CAN	17:05.14 DANIEL PETRELLA	GER	25.51 SUGURU TOYAMA	JPN	51.49 GO KUWATA	JPN
2:10.01 JONATHAN AUDIS	GBR	17:29.23 LEE WANIE	USA	25.56 MARCO EBENBICHLER	AUT	51.55 MICHAEL PICOTTE	USA
2:10.18 SEAN SMITH	USA	17:29.60 M.MICHAELSEN	GER	25.57 FERNANDO ALAEZ	ESP	52.76 JEFF WELECHUK	CAN
400 M. I.M.		17:31.27 SHINICHI NIWA	JPN	25.59 ALEKS DANMARK	DEN	52.88 DAVIDE STELL	ITA
4:28.29 JULIEN BAILLOD	SUI	17:42.99 FABRIZIO RIVA	ITA	25.61 H.KAWAMURA	JPN	52.91 MARKUS OBLAK	AUT
4:32.09 ASUKA KOIZUMI	JPN	17:45.76 DAN PEDERSEN	DEN	25.66 TADEU ALMEIDA	BRA	52.92 ANDRE HARVEY	CAN
4:32.80 ANTHONY VD KRAAY	GBR	17:54.84 NICOLAS GOSSE	FRA	100 M. FLY		53.01 JOCHEN BRUHA	GER
4:34.27 JUAN CARLO PICCIO	USA	50 M. BACK		54.28 S.KUNZELMANN	GER	53.13 DAVID WARREN	GBR
4:37.35 COREY WELCH	USA	25.59 THIAGO PINTO	BRA	55.40 DANIEL MORALES	ESP	53.25 MARK VOGEL	DEN
4:38.71 KOJI YAMAMOTO	JPN	26.67 TAKATOSHI NUMATA	JPN	55.74 HIROKI NAKAZONO	JPN	53.47 EIJI NOMURA	JPN
4:44.44 C.PEARSON	USA	26.92 SHINYA HAYASHI	JPN	56.08 MARCO EBENBICHLER	AUT	200 M. FREE	
4:46.41 RYOTA OKADA	JPN	26.93 DAVID VAN ACKER	FRA	56.65 STEPHEN MAVIN	GBR	1:55.59 JOCHEN BRUHA	GER
4:48.47 GABRIELE COLOMBO	ITA	26.95 JEFF COMMINGS	USA	56.67 STEPHANE MEYER	FRA	1:55.73 TYLER BLESSING	USA
4:48.94 DOMENICO CAPUTO	ITA	27.01 TAKUMA YAMAOKA	JPN	56.76 FERNANDO ALAEZ	ESP	1:56.61 DAVIDE STELL	ITA
*****		27.24 SHINGO SEKIGUCHI	JPN	57.01 THOMAS EHRHARDT	GER	1:57.11 JEFF WELECHUK	CAN
M E N 30-34		27.49 HIDEAKI OGAWA	JPN	57.30 SEBASTIEN LEQUEUX	FRA	1:57.26 SYLVAIN GALANGO	FRA
*****		27.63 ANDREW DENNIS	USA	57.37 ANDREA MARCATO	ITA	1:57.92 DAVID WARREN	GBR
50 M. FREE		27.69 JONATHAN MILLER	CAN	200 M. FLY		1:57.98 SEBASTIAN WIESE	GER
22.41 S.KUNZELMANN	GER	100 M. BACK		2:05.00 C.SORRENTINO	ITA	1:58.01 GARRY MEIKLEJOHN	JPN
22.67 LEANDRO OKUDA	BRA	53.62 DERYA BUYUKUNCU	USA	2:05.07 FERNANDO ALAEZ	ESP	1:58.09 DAIZO FUKUDA	JPN
22.68 ANDREW MANLEY	GBR	55.98 TAKUMA YAMAOKA	JPN	2:05.84 ANDREA MARCATO	ITA	1:58.18 JASCHA HASSON	FRA
23.15 DAVIDE DIAMBRI	ITA	56.16 THIAGO PINTO	BRA	2:06.66 KIMITAKA MINOBE	JPN	400 M. FREE	
23.45 TROY JOHNSON	USA	56.53 STEFAN HERBST	GER	2:07.21 CRAIG PICKERING	USA	4:09.30 GARRY MEIKLEJOHN	JPN
23.51 STEPHANE MEYER	FRA	56.90 SHINYA HAYASHI	JPN	2:09.08 ERIK SCALISE	USA	4:09.57 SYLVAIN GALANGO	FRA
23.54 PETER KERR	AUS	57.37 TAKATOSHI NUMATA	JPN	2:09.66 SHIGEO SHIRAISHI	JPN	4:09.98 TYLER BLESSING	USA
23.62 ANDERS KILEN	DEN	57.53 C.SORRENTINO	ITA	2:12.00 MIGUEL ALCALDE	ESP	4:10.02 MARK THOMPSON	AUS
23.66 ALEKS DANMARK	DEN	57.77 SEBASTIEN BILLON	FRA	2:12.04 PIERRE RABAT	FRA	4:10.85 JASCHA HASSON	FRA
23.72 MARCO EBENBICHLER	AUT	57.85 SHINGO SEKIGUCHI	JPN	2:12.46 SLAWOMIR PREDKI	POL	4:11.43 OLIVIER VAHE	FRA
100 M. FREE		59.55 FRANCK DUDOUET	FRA	100 M. I.M.		4:12.76 ANTONIO D'ARIA	ITA
		200 M. BACK					



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2008

4:12.93	ETHAN SAULNIER	USA	1:07.06	NIGEL MASTERS	GBR	4:56.04	JON WILKINSON	USA	27.62	SHUJI AZUMA	JPN
4:16.54	JEFF WELECHUK	CAN	1:07.11	ALAN PESSOTTI	BRA	4:58.72	ANDRE WRASSE	GER	28.12	HIROYOSHI MAETOGE	JPN
4:16.68	DAVID WARREN	GBR	1:07.12	ROBERT ROBSON	GBR	4:59.21	MATTHEW KINNEY	USA	28.22	ALBERTO MONTINI	ITA
800 M. FREE			200 M. BRST						28.40	MIKE SHAFFER	USA
8:42.33	ETHAN SAULNIER	USA	2:22.50	JAN GRAFE	GER	*****			28.50	ROQUE SANTOS	USA
8:43.48	GARRY MEIKLEJOHN	JPN	2:25.04	RAFFAELE NOTTE	ITA		M E N 40-44		28.50	RICK GOULD	USA
8:54.06	TYLER BLESSING	USA	2:25.80	TODD BARTEE	USA	*****			28.84	J BARR	USA
8:54.55	DANIEL BULLOCK	GBR	2:25.82	TIMO NOLTE	GER	50 M. FREE			100 M. BACK		
9:00.63	FRANK BRAUN	AUS	2:26.03	KENICHIRO TSUKUI	JPN	23.25	ERIK HOCHSTEIN	USA	54.85	MICHAEL ROSS	USA
9:05.75	DAIZO FUKUDA	JPN	2:26.04	NIGEL MASTERS	GBR	23.31	M.GIALDI	ITA	55.90	CHRIS STEVENSON	USA
9:08.09	MATTEO AMMANNATI	ITA	2:29.27	MATTHEW KINNEY	USA	23.47	MICHAEL ROSS	USA	59.64	SHUJI AZUMA	JPN
9:08.80	ANDREA BORSARI	ITA	2:29.41	JONATHAN BANVILLE	SUI	23.73	STEFAN OPATRIL	AUT	59.91	HIROYOSHI MAETOGE	JPN
9:09.06	SABURO NAGANO	JPN	2:30.74	TETSUO IWAKI	JPN	23.88	JAN KARLSSON	SWE	1:00.48	ROQUE SANTOS	USA
9:09.40	ANDREA PRATO	ITA	2:31.15	DAVID WARREN	GBR	24.11	FRANK STUWE	GER	1:01.46	J BARR	USA
1500 M. FREE			50 M. FLY			24.30	MIKE VAROZZA	USA	1:01.92	ALBERTO MONTINI	ITA
16:24.14	OLIVIER VAHE	FRA	24.95	EIJI NOMURA	JPN	24.32	CRAIG AMMON	USA	1:02.20	N.LECHEVALIER	FRA
16:28.38	CHRIS DERKS	USA	25.33	MASATERU IKEDA	JPN	24.36	NEILL WILLIAMS	USA	1:02.33	PETER BERMEI	GER
16:40.06	GARRY MEIKLEJOHN	JPN	25.41	MAKIO ENDO	JPN	24.42	HEBERT HENRY	CAN	1:02.51	WOLFGANG RABER	AUT
16:46.51	SYLVAIN GALANGO	FRA	25.80	ANDRE HARVEY	CAN	100 M. FREE			200 M. BACK		
16:54.48	ANTONIO D'ARIA	ITA	25.87	HIDEYUKI CHIGIRA	JPN	50.43	MICHAEL ROSS	USA	2:03.84	MICHAEL ROSS	USA
17:08.72	FRANK BRAUN	AUS	25.89	TYLER BLESSING	USA	50.80	ERIK HOCHSTEIN	USA	2:04.96	CHRIS STEVENSON	USA
17:11.98	MATTHEW DRISCOLL	GBR	25.97	BRIAN JACOBSON	USA	52.35	HENRIK JOHANSSON	SWE	2:12.05	ALBERTO MONTINI	ITA
17:16.47	DANIEL BULLOCK	GBR	26.02	BARRY SARETSKY	CAN	52.48	M.GIALDI	ITA	2:12.33	PETER BERMEI	GER
17:31.68	FREDERIC FROMAGER	FRA	26.13	MICHAEL PICOTTE	USA	52.96	LORENZO BENUCCI	USA	2:12.45	TAIHEI SAKA	JPN
17:34.28	RIKIYA TSURUTA	JPN	26.15	DAVID WARREN	GBR	53.45	STEVE INGO	CAN	2:13.84	N.LECHEVALIER	FRA
50 M. BACK			100 M. FLY			53.68	ALBERTO MONTINI	ITA	2:15.07	KURT DICKSON	USA
27.12	JEFF WELECHUK	CAN	55.88	EIJI NOMURA	JPN	53.75	WOLFGANG RABER	AUT	2:15.26	PETER MCKINNON	CAN
27.39	TYLER BLESSING	USA	56.57	TYLER BLESSING	USA	53.76	LIONEL CHALENDAR	FRA	2:17.59	A.LAVEGLIA	ITA
27.45	TOMOHIRO MUSHIA	JPN	56.66	MASATERU IKEDA	JPN	54.18	TAIHEI SAKA	JPN	2:17.75	OLIVER KUSCH	GER
27.56	STEVE MORTIMER	USA	57.10	MARK VOGEL	DEN	200 M. FREE			50 M. BRST		
27.60	BRIAN RETTERER	USA	57.16	MICHAEL PICOTTE	USA	1:50.08	MICHAEL ROSS	USA	29.51	ROQUE SANTOS	USA
27.66	Y.NAKAHARA	JPN	57.24	DAVID WARREN	GBR	1:53.39	ERIK HOCHSTEIN	USA	29.62	MAKOTO ONODERA	JPN
27.69	MARCO ORSINI	ITA	57.48	STEVE MORTIMER	USA	1:56.49	MIKE SHAFFER	USA	29.67	ALBERTO MONTINI	ITA
27.76	K.SEKIGUCHI	JPN	57.63	HIROYUKI NAKAMURA	JPN	1:56.68	STEVE INGO	CAN	29.68	YOZO FUJII	JPN
27.77	MARK VOGEL	DEN	58.17	BARRY SARETSKY	CAN	1:56.73	DANIEL SERRA	ESP	30.13	HAROLD MATLA	NED
27.77	SIMON HO	AUS	58.31	NORIFUMI CHIBA	JPN	1:56.83	JEFFREY UTSCH	USA	30.18	SEAN FRAMPTON	USA
100 M. BACK			200 M. FLY			1:57.51	ALBERTO MONTINI	ITA	30.28	SHUJI AZUMA	JPN
58.22	JEFF WELECHUK	CAN	2:08.21	EIJI NOMURA	JPN	1:58.17	PATRICK BRUNDAGE	USA	30.28	JENS LUTSCHIN	GER
58.83	TYLER BLESSING	USA	2:08.61	SYLVAIN GALANGO	FRA	1:58.35	STEFAN OPARTI	AUT	30.37	FABIO CAVALLI	ITA
59.12	Y.NAKAHARA	JPN	2:09.85	UWE VOLK	GER	1:58.85	LIONEL CHALENDAR	FRA	30.42	KAZUhide MINAKAWA	JPN
59.15	TOMOHIRO MUSHIA	JPN	2:11.57	DAVID WARREN	GBR	400 M. FREE			100 M. BRST		
59.65	K.SEKIGUCHI	JPN	2:11.85	G.CASTORINA	ITA	4:06.73	ALBERTO MONTINI	ITA	1:03.54	ROQUE SANTOS	USA
59.91	JOHANN PAPILLON	FRA	2:11.90	HIROYUKI NAKAMURA	JPN	4:07.63	MIKE SHAFFER	USA	1:03.64	ALBERTO MONTINI	ITA
1:00.24	MATTHEW O'CONNOR	ESP	2:12.43	TYLER BLESSING	USA	4:10.20	PATRICK BRUNDAGE	USA	1:05.35	YOZO FUJII	JPN
1:00.50	PATRICK BALDELLI	FRA	2:15.06	JEFFREY RODDIN	USA	4:10.91	EDUARDO MAROCCO	BRA	1:05.61	SHUJI AZUMA	JPN
1:00.58	STEVE MORTIMER	USA	2:15.14	YASUYUKI HOSHIKA	JPN	4:13.71	DANIEL SERRA	ESP	1:06.57	LORENZO BENUCCI	USA
1:00.89	LIZANDRO CARVALHO	BRA	2:15.23	ANDRE WRASSE	GER	4:14.47	ANDY EDMONDSON	USA	1:06.58	SEAN FRAMPTON	USA
200 M. BACK			100 M. I.M.			4:14.98	A.PAVICIC-DONKIC	SUI	1:07.30	HAJIME MORMOTO	JPN
2:06.73	JEFF WELECHUK	CAN	58.03	BRIAN JACOBSON	USA	4:15.90	STEVEN UNRUH	USA	1:07.36	MAKOTO ONODERA	JPN
2:07.54	Y.NAKAHARA	JPN	59.23	TIMO NOLTE	GER	4:17.34	PAOLO CARMINATI	ITA	1:07.55	TIM SALPETER	CAN
2:09.18	JOHANN PAPILLON	FRA	59.39	TYLER BLESSING	USA	4:17.42	KURT DICKSON	USA	1:07.58	FABIO CAVALLI	ITA
2:10.62	MATTHEW O'CONNOR	ESP	59.54	STEVE MORTIMER	USA	800 M. FREE			200 M. BRST		
2:10.99	CHRIS JONES	GBR	1:00.07	ALAN PESSOTTI	BRA	8:31.86	MIKE SHAFFER	USA	2:18.16	ALBERTO MONTINI	ITA
2:11.48	STEVE MORTIMER	USA	1:00.13	DAVID WARREN	GBR	8:33.37	DANIEL SERRA	ESP	2:18.59	ROQUE SANTOS	USA
2:11.69	K.SEKIGUCHI	JPN	1:00.33	TOMOHIRO MUSHIA	JPN	8:42.59	JEFFREY UTSCH	USA	2:23.62	HAJIME MORIMOTO	JPN
2:12.35	PATRICK BALDELLI	FRA	1:00.51	JEFF WELECHUK	CAN	8:48.24	PATRICK BRUNDAGE	USA	2:25.23	SHUJI AZUMA	JPN
2:12.50	MARCEL RINZLER	USA	1:00.62	TODD BARTEE	USA	8:53.53	JOOST KUIJLAARS	NED	2:28.48	MASSIMO BUSIGNANI	ITA
2:12.59	LIZANDRO CARVALHO	BRA	1:00.64	CHRIS JONES	GBR	8:58.03	KURT DICKSON	USA	2:28.54	J.ANDRE MELLADO	FRA
50 M. BRST			200 M. I.M.			9:06.79	GRZEGORZ STANEK	POL	2:29.14	SEAN FRAMPTON	USA
28.94	ALAN PESSOTTI	BRA	2:09.27	UWE VOLK	GER	9:07.67	TOMAS ERIKSSON	SWE	2:29.42	JIM HARPER	USA
28.98	ANDREA AGOSTINONE	ITA	2:09.74	TYLER BLESSING	USA	9:11.80	A.LAVEGLIA	ITA	2:29.73	TIM SALPETER	CAN
29.31	TIMO NOLTE	GER	2:10.32	STEVE MORTIMER	USA	9:14.01	YASUHIRO OKADA	JPN	2:30.62	MAKOTO ONODERA	JPN
29.56	EITA TSUMURA	JPN	2:11.88	DAVID WARREN	GBR	1500 M. FREE			50 M. FLY		
29.65	SVEN GUSKE	GER	2:12.76	JEFF WELECHUK	CAN	16:10.52	DANIEL SERRA	ESP	24.91	MICHAEL ROSS	USA
29.67	YASUHIRO KOMORI	JPN	2:13.64	JEFFREY RODDIN	USA	16:34.06	MIKE SHAFFER	USA	25.47	JAN KARLSSON	SWE
29.95	TODD BARTEE	USA	2:13.91	Y.NAKAHARA	JPN	16:43.80	ALBERTO MONTINI	ITA	25.63	MIKE VAROZZA	USA
30.01	PER SVANBERG	SWE	2:15.22	G.CASTORINA	ITA	16:53.58	ERIK HOCHSTEIN	USA	25.85	GABRIELE MAINI	ITA
30.14	BRIAN JACOBSON	USA	2:15.80	HASSE NILSSON	SWE	17:31.17	ANDREW SCHEINER	USA	25.92	STEVE HILTABIDDLE	USA
30.32	AARON BARTLESON	USA	2:16.22	CYRIL CAVAGNA	FRA	17:31.26	CHRISTOPHE VERLA	FRA	26.18	NEILL WILLIAMS	USA
100 M. BRST			400 M. I.M.			17:34.20	A.LAVEGLIA	ITA	26.19	HIROSHI MIURA	JPN
1:04.11	TIMO NOLTE	GER	4:34.83	UWE VOLK	GER	17:38.70	BRENT HOBBS	CAN	26.43	MARCELO CRUZ	BRA
1:04.48	EITA TSUMURA	JPN	4:41.91	DAVID WARREN	GBR	17:49.74	KATSUHIITO IKEDA	JPN	26.47	ALBERTO MONTINI	ITA
1:05.15	JAN GRAFE	GER	4:42.36	TYLER BLESSING	USA	17:53.15	DAVE HOLLAND	USA	26.53	HARTMUT BERNER	GER
1:05.71	TODD BARTEE	USA	4:52.16	TODD BARTEE	USA	50 M. BACK			100 M. FLY		
1:05.92	RAFFAELE NOTTE	ITA	4:54.29	UWE BOER	GER	26.11	MICHAEL ROSS	USA	55.82	MICHAEL ROSS	USA
1:06.14	ROB BUTCHER	USA	4:54.33	JEFF WELECHUK	CAN	26.56	CHRIS STEVENSON	USA	56.99	CHRIS STEVENSON	USA
1:06.86	KENICHIRO TSUKUI	JPN	4:54.44	SABURO NAGANO	JPN	27.55	GIUSEPPE TIANO	ITA	57.31	MIKE SHAFFER	USA



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57.65	ALBERTO MONTINI	ITA	54.97	JOSEF HLADKY	GER	2:23.02	DARIO BERTAZZOLI	ITA	1:02.58	STUART MOFFATT	AUS
58.28	JAN KARLSSON	SWE	200 M. FREE			50 M. BRST			200 M. I.M.		
58.66	STEVE HILTABIDDLE	USA	1:54.73	KAI DITZEL	GER	30.21	DAVID GUTHRIE	USA	2:13.42	GLENN MILLS	USA
58.71	WOLFGANG RABER	AUT	1:56.93	MARCO COLOMBO	ITA	30.25	GLENN MILLS	USA	2:14.16	ANDERS RASMUSSEN	USA
58.80	HARTMUT BERNER	GER	1:59.06	PAUL SMITH	USA	30.55	DEAN PUTTERMAN	USA	2:15.39	DAVE TOWN	CAN
58.91	PATRICK BRUNDAGE	USA	1:59.08	MARK REYNOLDS	GBR	31.16	STUART MOFFATT	AUS	2:15.56	EDWIN VAN NORDEN	NED
59.00	MARCEL EKKELBOOM	GER	1:59.36	FRANCESC COLL	ESP	31.23	MASAAKI OTSUKI	JPN	2:16.93	LEN GUSHE	CAN
59.00	ANDREA TOJA	ITA	2:00.74	MICHAEL SCHMIDT	USA	31.37	MAGNUS FALTMAN	SWE	2:16.99	AL JAEGER	USA
200 M. FLY			2:01.45	DAVID BOATWRIGHT	USA	31.42	RENATO POSSANZINI	ITA	2:20.24	LINCOLN DJANG	USA
2:07.03	MIKE SHAFFER	USA	2:01.98	GRAHAM WELBOURN	CAN	31.49	ANDERS RASMUSSEN	USA	2:21.19	DAVID GUTHRIE	USA
2:09.08	ALBERTO MONTINI	ITA	2:02.16	KEITH SWITZER	USA	31.56	RICHARD LOCKHART	NZL	2:21.41	MICHAEL SCHMIDT	USA
2:10.99	CHRIS STEVENSON	USA	2:02.40	STEVEN NEWMAN	USA	31.56	JORG NEUMULLER	GER	2:21.45	PETER WIESE	GER
2:11.41	A.LAVEGLIA	ITA	400 M. FREE			100 M. BRST			400 M. I.M.		
2:13.30	MARK MAGEE	USA	4:05.90	KAI DITZEL	GER	1:05.74	GLENN MILLS	USA	4:48.12	MICHAEL SCHMIDT	USA
2:14.18	WOLFGANG RABER	AUT	4:15.06	MICHAEL SCHMIDT	USA	1:06.39	DAVID GUTHRIE	USA	4:48.17	LEN GUSHE	CAN
2:15.29	DAVE HOLLAND	USA	4:17.65	FRANCESC COLL	ESP	1:08.79	AL JAEGER	USA	4:48.75	A.TIBERTI	ITA
2:15.43	RAUL JUNIOR	BRA	4:18.33	ANDERS HAGLUND	SWE	1:09.20	LINCOLN DJANG	USA	4:50.71	LINCOLN DJANG	USA
2:15.69	GREG EDMONDSON	USA	4:18.72	MARCUS MATTIOLI	BRA	1:09.62	RICHARD LOCKHART	NZL	4:55.44	DARREN PHELAN	USA
2:16.94	MICHAEL PRUFERT	GER	4:19.13	B.BORDONALI	ITA	1:09.74	MICHAEL MUNTJES	GER	4:58.58	EDWIN VAN NORDEN	NED
100 M. I.M.			4:20.74	GRAHAM WELBOURN	CAN	1:10.03	THOMAS LIGL	GER	5:04.22	LUTZ WIESE	GER
57.71	MICHAEL ROSS	USA	4:20.82	LEN GUSHE	CAN	1:10.03	ANTHONY DUNNE	AUS	5:08.43	EDWARD MELANSON	USA
58.94	ROQUE SANTOS	USA	4:24.25	MICHAEL KLEIBER	GER	1:10.10	ANDREA FLORIT	ITA	5:11.62	JO ROGIER	BEL
58.98	ERIK HOCHSTEIN	USA	4:24.76	JONATHAN OLSEN	USA	1:10.36	FRANCESC COLL	ESP	5:13.37	YASUYUKI SUZUKI	JPN
59.09	ALBERTO MONTINI	ITA	800 M. FREE			200 M. BRST					
59.43	SHUJI AZUMA	JPN	8:42.76	KAI DITZEL	GER	2:22.68	GLENN MILLS	USA	*****		
59.90	PETER BERMEI	GER	8:46.79	MICHAEL KLEIBER	GER	2:25.89	DAVID GUTHRIE	USA		M E N 50-54	
1:00.16	ROY BERG	USA	8:49.03	MICHAEL SCHMIDT	USA	2:31.92	AL JAEGER	USA	*****		
1:00.28	KAZUHIKO YAMAKAWA	JPN	8:50.30	MARCO COLOMBO	ITA	2:34.56	DAVE TOWN	CAN	50 M. FREE		
1:00.44	LORENZO BENUCCI	USA	8:52.62	B.BORDONALI	ITA	2:34.77	EDWIN VAN NORDEN	NED	24.02	BRENT BARNES	JPN
1:01.09	NEILL WILLIAMS	USA	8:55.03	LEN GUSHE	CAN	2:35.63	EDMUND GENDREAU	USA	25.08	KEVIN DEFORREST	USA
200 M. I.M.			9:03.00	ROBERT BARKER	GBR	2:35.90	DEAN PUTTERMAN	USA	25.26	M.STINCHCOMBE	USA
2:07.71	ERIK HOCHSTEIN	USA	9:03.26	GERRY RODRIGUES	USA	2:35.98	MICHAEL MUNTJES	GER	25.40	BARRY ROTH	USA
2:07.94	ROQUE SANTOS	USA	9:04.21	MATTHEW BAILEY	USA	2:36.30	ANDREA FLORIT	ITA	25.42	ROLAND WENDEL	GER
2:08.82	ALBERTO MONTINI	ITA	9:12.45	K.DELLBRUGGE	GER	2:36.37	JUNYA SUZUKI	JPN	25.48	JACK GROSELLE	USA
2:09.46	LORENZO BENUCCI	USA	1500 M. FREE			50 M. FLY			25.67	P.MAGNUSSON	SWE
2:12.16	ROY BERG	USA	16:28.63	MICHAEL KLEIBER	GER	25.87	PAUL SMITH	USA	25.74	CHARLES LEMAISTRE	USA
2:12.16	PATRICK BRUNDAGE	USA	16:54.69	GERRY RODRIGUES	USA	25.99	ANDERS RASMUSSEN	USA	25.76	DAVE FREEMAN	CAN
2:12.30	NICOLAS GRANGER	FRA	16:58.05	ROBERT BARKER	GBR	26.64	KAI DITZEL	GER	25.78	MARK CROSHIER	USA
2:14.23	SHUJI AZUMA	JPN	17:13.73	MATTHEW BAILEY	USA	26.90	OSCAR MONTEIRO	BRA	100 M. FREE		
2:14.66	TAIHEI SAKA	JPN	17:14.53	LEN GUSHE	CAN	27.21	MARK NOETZEL	USA	55.67	FRITZ HOMANS	USA
2:14.74	JIM HARPER	USA	17:26.73	MICHAEL SCHMIDT	USA	27.25	JAMIE FOWLER	USA	56.34	JACK GROSELLE	USA
400 M. I.M.			17:28.62	EDWARD MELANSON	USA	27.31	CRAIG NORREY	GBR	56.78	M.STINCHCOMBE	USA
4:32.05	ROQUE SANTOS	USA	17:39.28	JEAN LUC ROLLAND	FRA	27.32	C.FROELIGER	FRA	56.80	ROLAND WENDEL	GER
4:35.15	ERIK HOCHSTEIN	USA	17:40.01	ANDERS HAGLUND	SWE	27.36	FABIO MARCHESI	ITA	56.89	MICHAEL BLATT	USA
4:37.39	ALBERTO MONTINI	ITA	17:52.21	MARK JONES	GBR	27.47	JIM POGUE	USA	57.12	ERIC EMINENTE	FRA
4:39.78	PATRICK BRUNDAGE	USA	50 M. BACK			100 M. FLY			57.57	THOMAS MCCABE	USA
4:44.87	MIKE SHAFFER	USA	27.20	ANDERS RASMUSSEN	USA	58.80	KAI DITZEL	GER	57.71	BARRY ROTH	USA
4:46.47	TAIHEI SAKA	JPN	27.53	CRAIG NORREY	SUI	59.29	PAUL SMITH	USA	57.71	MICHAEL PATRICK	CAN
4:50.01	LORENZO BENUCCI	USA	28.32	JAY YARID	USA	59.58	MICHAEL SCHMIDT	USA	57.94	LARRY FORSYTH	AUS
4:52.03	GRZEGORZ STANEK	POL	28.79	RICHARD HUGHEY	USA	59.66	MARCUS MATTIOLI	BRA	200 M. FREE		
4:52.74	MARK MAGEE	USA	29.06	AL JAEGER	USA	1:00.94	DOUGLAS PRIDE	USA	2:05.79	JOHN MORALES	USA
4:54.96	RICARDO VALDIVIA	USA	29.23	FRITZ BEDFORD	USA	1:01.03	RICHARD HUGHEY	USA	2:06.15	MARK DRENNEN	USA
*****			29.31	PETER WIESE	GER	1:01.14	OSCAR MONTEIRO	BRA	2:06.57	MICHAEL PATRICK	CAN
M E N 45-49			29.34	JAMIE FOWLER	USA	1:01.24	EDWIN VAN NORDEN	NED	2:06.58	ERIC EMINENTE	FRA
*****			29.37	JOAKIM SJOHOLM	SWE	1:01.34	ROBIN SCHUIJT	GER	2:07.10	SIMON VEALE	GBR
50 M. FREE			29.39	ROBIN SCHUIJT	GER	1:01.40	STEPHEN SEGRETO	USA	2:08.23	MICHAEL BLATT	USA
24.00	JOAKIM SJOHOLM	SWE	100 M. BACK			200 M. FLY			2:08.31	BRAD MAGIT	USA
24.18	ANDERS RASMUSSEN	USA	58.89	ANDERS RASMUSSEN	USA	2:11.66	KAI DITZEL	GER	2:08.35	TIM ERICKSON	USA
24.18	MARK REYNOLDS	GBR	59.91	JAY YARID	USA	2:13.29	MICHAEL SCHMIDT	USA	2:08.63	ALAN GODFREY	AUS
24.25	STEVE WOOD	USA	1:00.16	STEVE WOOD	USA	2:18.63	AL JAEGER	USA	2:08.65	LIONEL PAILLEZ	FRA
24.27	METELLO SAVINO	ITA	1:01.15	EDWIN VAN NORDEN	NED	2:19.47	DAMIANO NANETTI	ITA	400 M. FREE		
24.40	KAI DITZEL	GER	1:01.84	CRAIG NORREY	GBR	2:20.02	EDWARD MELANSON	USA	4:21.85	FRANCIS CHRISTIAN	AUS
24.43	PAUL SMITH	USA	1:02.03	FRITZ BEDFORD	USA	2:22.09	JONATHAN OLSEN	USA	4:28.95	JOHN MORALES	USA
24.43	MARCO COLOMBO	ITA	1:02.24	HIROSHI SHIBUYA	JPN	2:23.83	STEPHEN SEGRETO	USA	4:33.13	BRAD MAGIT	USA
24.45	RICHARD HUGHEY	USA	1:03.01	PETER WIESE	GER	2:23.89	KAZUKI YUZAWA	JPN	4:33.60	TIM ERICKSON	USA
24.51	FRANCESC COLL	ESP	1:03.21	LINCOLN DJANG	GER	2:24.66	FRANK GOMOLL	GER	4:33.62	MICHAEL PATRICK	CAN
100 M. FREE			1:03.46	DOUGLAS PRIDE	USA	2:25.31	DARREN PHELAN	USA	4:34.13	STEVEN PRESCOTT	NZL
52.92	KAI DITZEL	GER	200 M. BACK			100 M. I.M.			4:34.34	LIONEL PAILLEZ	FRA
53.12	MARK REYNOLDS	GBR	2:10.43	JAY YARID	USA	1:00.32	ANDERS RASMUSSEN	USA	4:34.63	GLENN CARLSEN	CAN
53.39	PAUL SMITH	USA	2:12.87	EDWIN VAN NORDEN	NED	1:00.49	JOSEF HLADKY	GER	4:35.30	THOMAS MCCABE	USA
53.72	MARCO COLOMBO	ITA	2:13.09	LEN GUSHE	CAN	1:00.57	RICHARD HUGHEY	USA	4:36.40	SIMON VEALE	GBR
53.87	DAVID BOATWRIGHT	USA	2:19.64	STANLEY VELA	GBR	1:01.36	PAUL SMITH	USA	800 M. FREE		
53.95	FRANCESC COLL	ESP	2:19.73	FRANCESCO PETTINI	ITA	1:01.61	GLENN MILLS	USA	9:04.68	FRANCIS CHRISTIAN	AUS
53.99	RICHARD HUGHEY	USA	2:20.75	HIROSHI SHIBUYA	JPN	1:01.64	FRANCESC COLL	ESP	9:15.50	SCOTT SHAKE	USA
54.42	METELLO SAVINO	ITA	2:20.99	GLENN BATTLE	USA	1:01.75	EDWIN VAN NORDEN	NED	9:15.64	MARK DRENNEN	USA
54.57	ANDERS RASMUSSEN	USA	2:21.84	GIANNI BERTOLI	ITA	1:02.17	AL JAEGER	USA	9:20.77	SIMON VEALE	GBR
			2:22.43	FRITZ BEDFORD	USA	1:02.29	JOAKIM SJOHOLM	SWE	9:22.31	STEVEN PRESCOTT	NZL



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9:27.92	KIM HARKER	NZL	2:40.66	BARRY O'BRIEN	GBR	25.94	MIKE TENNANT	USA	1:06.94	ALISTAIR COCKBURN	USA
9:30.28	TIM ERICKSON	USA	2:43.27	LORENZO MERLI	ITA	26.08	ROLF AUST	GER	1:07.16	TIM SHEAD	RSA
9:32.45	LARRY WOOD	USA	2:43.52	ALBERT BOONSTRA	NED	26.13	ALEXANDER MILLS	NOR	1:07.40	CASEY CLAFLIN	USA
9:32.84	GLENN CARLSEN	CAN	2:44.31	DAVE FREEMAN	CAN	26.25	CASEY CLAFLIN	USA	1:08.31	TAKEO HIRAMOTO	JPN
9:36.45	MICHAEL PATRICK	CAN	2:44.95	JOSE CUNNINGHAM	USA	26.41	HIROYUKI AMAZAKI	JPN	1:08.68	DAVE WILKIN	CAN
1500 M. FREE			50 M. FLY			26.44	WES EDWARDS	USA	1:08.70	FRED FERROGGIARO	USA
17:21.43	MARK DRENNEN	USA	26.78	FRITZ HOMANS	USA	26.51	GREG SHAW	USA	1:09.23	CHRISTOPHER BROWN	GBR
17:33.73	FRANCIS CHRISTIAN	AUS	27.33	KEVIN DEFORREST	USA	26.63	TIM SHEAD	RSA	1:09.29	EDDIE RIACH	GBR
17:50.63	SIMON VEALE	GBR	27.33	MARIO LLORET	ESP	26.74	DAVE WILKIN	CAN	1:09.85	MARK PUGLIESE	USA
18:07.37	GLENN CARLSEN	CAN	27.35	P.MAGNUSSON	SWE	100 M. FREE			200 M. BRST		
18:11.89	LIONEL PAILLEZ	FRA	27.36	MARK CROSHIER	USA	57.11	PAUL TREVISAN	USA	2:25.81	FRED FERROGGIARO	USA
18:20.62	MICHAEL PATRICK	CAN	27.55	WILLIAM SPECHT	USA	57.52	MIKE TENNANT	USA	2:30.62	WES EDWARDS	USA
18:23.14	WIESLAW MUSIAL	CAN	27.74	JOHN MORALES	USA	58.73	PHIL DODSON	USA	2:30.92	EDDIE RIACH	GBR
18:35.58	TONY MORRIS	IRL	27.80	DONALD GRAHAM	USA	58.83	ALEXANDER MILLS	NOR	2:32.57	MARK PUGLIESE	USA
18:42.70	BRAD MAGIT	USA	27.89	JAMES BALLARD	USA	58.88	DAVE DICKSON	CAN	2:32.70	MIROSLAW WARCHOL	POL
18:44.88	BRIAN LEITER	CAN	27.94	SAM FRANKLIN	USA	58.89	JAMES THORNTON	USA	2:33.09	JIM CLEMMONS	USA
50 M. BACK			100 M. FLY			59.06	JIM CLEMMONS	USA	2:34.93	PHIL DODSON	USA
29.04	PHILIPP DJANG	USA	59.91	HUGO BREGMAN	NED	59.12	DAVE WILKIN	CAN	2:36.06	DAVID BRIGHT	USA
29.31	SCOTT SHAKE	USA	1:00.27	FRITZ HOMANS	USA	59.22	HIROYUKI AMAZAKI	JPN	2:36.36	JEAN-MARIE CADIAT	BEL
29.81	WIESLAW MUSIAL	CAN	1:01.06	WILLIAM SPECHT	USA	59.25	ROLF AUST	GER	2:36.55	CHRISTOPHER BROWN	GBR
29.84	JAMES BALLARD	USA	1:01.52	JOHN MORALES	USA	200 M. FREE			50 M. BRST		
29.85	JONATHAN KLEIN	USA	1:02.41	MARK CROSHIER	USA	2:06.97	PHIL DODSON	USA	32.69	TIM SHEAD	RSA
30.06	MARIO LLORET	ESP	1:02.90	ERIC EMINENTE	FRA	2:07.78	JIM CLEMMONS	USA	33.07	ROBERT WEYHENKE	NED
30.21	WILLIAM SPECHT	USA	1:03.00	SIMON VEALE	GBR	2:10.93	JOEL KRIGER	BRA	33.16	STUART ELLICOTT	AUS
30.24	MARK CROSHIER	USA	1:03.36	JAMES BALLARD	USA	2:11.04	DAVE DICKSON	CAN	33.53	ALEXANDER MILLS	NOR
30.25	SIMON VEALE	GBR	1:03.74	TIM ERICKSON	USA	2:11.98	JAMES THORNTON	USA	34.05	ALLEN STARK	USA
30.62	JOHN GRZESZCZAK	USA	1:04.03	BRAD MAGIT	USA	2:12.11	KEVIN MCCORMACK	USA	34.39	GRAHAM PEARSON	GBR
100 M. BACK			200 M. FLY			2:12.34	EDWARD BELL	USA	34.45	JIM CLEMMONS	USA
1:03.26	WIESLAW MUSIAL	CAN	2:13.00	HUGO BREGMAN	NED	2:12.77	RICK WALKER	USA	34.76	DAVE WILKIN	CAN
1:03.43	PHILIPP DJANG	USA	2:18.31	WILLIAM SPECHT	USA	2:13.58	PETER RAE	GBR	34.84	TONY CAWOOD	RSA
1:04.40	SCOTT SHAKE	USA	2:24.71	JOHN MORALES	USA	2:13.89	ALEXANDER MILLS	NOR	34.84	MILTON IDERIHA	BRA
1:04.40	MARIO LLORET	ESP	2:27.26	TIM ERICKSON	USA	400 M. FREE			100 M. BRST		
1:04.92	JONATHAN KLEIN	USA	2:28.26	VOLKER MENDE	GER	4:35.22	JIM CLEMMONS	USA	1:12.67	ROBERT WEYHENKE	NED
1:05.11	JAMES BALLARD	USA	2:28.54	GLENN CARLSEN	CAN	4:36.79	LARRY KRAUSER	USA	1:14.44	JIM CLEMMONS	USA
1:05.24	SIMON VEALE	GBR	2:29.45	R.KANNEGIESER	USA	4:37.61	PHIL DODSON	USA	1:14.66	ALLEN STARK	USA
1:05.94	JOHN RITTENHOUSE	GBR	2:30.00	BART MCDERMOTT	USA	4:39.14	JOEL KRIGER	BRA	1:15.03	HUBIE KERNS	USA
1:06.57	TOM BARTON	USA	2:31.23	GRANT SIMPSON	AUS	4:40.15	JAMES THORNTON	USA	1:15.40	HIROKAZU AOYAMA	JPN
1:06.63	DOUG KAJIWARA	USA	2:31.40	ULRICH NEUBECKER	GER	4:44.62	MIKE MORROW	USA	1:15.91	STUART ELLICOTT	AUS
200 M. BACK			100 M. I.M.			4:44.97	EDDIE RIACH	GBR	1:16.75	K.NOTTRODT	GER
2:14.50	WIESLAW MUSIAL	CAN	1:02.51	KEN SHILLING	USA	4:45.00	JEAN-MARIE CADIAT	BEL	1:16.86	ALEXANDER MILLS	NOR
2:15.10	SCOTT SHAKE	USA	1:04.15	SCOTT SHAKE	USA	4:45.07	PETER RAE	GBR	1:17.07	GRAHAM PEARSON	GBR
2:20.25	PHILIPP DJANG	USA	1:04.23	MARIO LLORET	ESP	4:45.76	MICHAEL STAMHUIS	CAN	1:17.36	ROBERT SCHMITZ	USA
2:22.42	TOM BARTON	USA	1:05.42	SIMON VEALE	GBR	800 M. FREE			200 M. BRST		
2:22.52	JOHN RITTENHOUSE	GBR	1:05.72	BENN DOYLE	USA	9:07.40	G.SCARAMEL	ITA	2:42.58	JIM CLEMMONS	USA
2:24.55	JONATHAN KLEIN	USA	1:05.77	CHARLES LEMAISTRE	USA	9:25.93	JIM CLEMMONS	USA	2:45.90	TIM SHEAD	RSA
2:26.36	SIMON VEALE	GBR	1:05.87	RONNY OLTNER	SWE	9:36.02	JOEL KRIGER	BRA	2:46.29	ALLEN STARK	USA
2:26.89	DOUG KAJIWARA	USA	1:05.98	MARK CROSHIER	USA	9:53.67	RICK WALKER	USA	2:46.95	W.FICKENSCHER	GER
2:28.49	MARTY HENDRICK	USA	1:06.18	DERRICK HAMILTON	CAN	9:53.86	PHIL DODSON	USA	2:47.82	ROBERT BROWN	USA
2:28.96	BERNARD PROUX	FRA	1:06.24	ANDY DYER	USA	9:57.27	MICHAEL STAMHUIS	CAN	2:47.88	HIROKAZU AOYAMA	JPN
50 M. BRST			200 M. I.M.			10:03.14	JOHN NEEDHAM	USA	2:50.73	G.SCARAMEL	ITA
31.08	BENN DOYLE	USA	2:14.53	KEN SHILLING	USA	10:03.15	MACIEJ SLUGOCKI	AUS	2:51.02	GRAHAM PEARSON	GBR
31.46	GLEN CHRISTIANSEN	DEN	2:18.71	SCOTT SHAKE	USA	10:04.18	DOUG HOWIESON	RSA	2:51.40	MIKE MORROW	CAN
31.95	GERHARD AMMER	GER	2:22.05	ERIC EMINENTE	FRA	10:09.90	FRANK THOMPSON	USA	2:51.68	ROBERT SCHMITZ	USA
32.17	BILL BRENNER	USA	2:22.69	JOHN MORALES	USA	1500 M. FREE			50 M. FLY		
32.25	RONNY OLTNER	SWE	2:23.36	HUGO BREGMAN	NED	18:15.00	JIM CLEMMONS	USA	27.05	GREG SHAW	USA
32.34	SPENCER ELDRED	USA	2:24.49	PHILIPP DJANG	USA	18:32.32	RICK WALKER	USA	27.58	KEVIN MCCORMACK	USA
32.37	JAY MCDONALD	USA	2:24.98	BENN DOYLE	USA	18:40.59	LARRY KRAUSER	USA	28.52	ALISTAIR COCKBURN	USA
32.70	DERRICK HAMILTON	CAN	2:25.12	MARK DRENNEN	USA	18:54.27	EDDIE RIACH	GBR	28.60	MARK PUGLIESE	USA
32.91	JOSE CUNNINGHAM	USA	2:26.37	RONNY OLTNER	SWE	18:54.38	MICHAEL STAMHUIS	CAN	28.66	DAVE WILKIN	CAN
32.91	NEVILLE BARTON	GBR	2:27.03	R.KANNEGIESER	USA	18:55.79	MACIEJ SLUGOCKI	AUS	28.84	GEORGE JACOBSON	CAN
100 M. BRST			400 M. I.M.			18:57.08	J.MOUSSAY	FRA	28.86	DAVE DICKSON	CAN
1:08.27	BENN DOYLE	USA	5:03.97	HUGO BREGMAN	NED	19:12.27	G.SCARAMEL	ITA	29.13	WOLFGANG HOPP	GER
1:09.97	GLEN CHRISTIANSEN	DEN	5:06.10	JOHN MORALES	USA	19:22.25	HUBIE KERNS	USA	29.20	KAZUYA IRIE	JPN
1:10.77	RONNY OLTNER	SWE	5:07.94	SIMON VEALE	GBR	19:23.94	JOHN NEEDHAM	USA	29.29	JEAN-MARIE CADIAT	BEL
1:11.07	DAVE FREEMAN	CAN	5:11.69	MARK DRENNEN	USA	50 M. BACK			100 M. FLY		
1:11.61	GERHARD AMMER	GER	5:16.80	R.KANNEGIESER	USA	29.41	ALISTAIR COCKBURN	USA	1:01.17	GREG SHAW	USA
1:11.88	G.HOFFMANN	USA	5:19.68	PHILIPPE DELAMARE	USA	30.15	CASEY CLAFLIN	USA	1:03.53	KEVIN MCCORMACK	USA
1:12.07	DAN FILGIANO	CAN	5:19.79	TIM ERICKSON	USA	30.42	GREG SHAW	USA	1:04.38	DAVE DICKSON	CAN
1:12.28	PATRICK ALLENDER	USA	5:20.80	BOB YANT	USA	30.53	WES EDWARDS	USA	1:05.50	JEAN-MARIE CADIAT	BEL
1:12.39	WOLFGANG PIRL	GER	5:21.61	DON CHOLONENKO	USA	30.66	TAKEO HIRAMOTO	JPN	1:05.67	TIM SHEAD	RSA
1:12.56	SPENCER ELDRED	USA	5:23.98	BART MCDERMOTT	USA	31.09	TIM SHEAD	RSA	1:05.89	JIM CLEMMONS	USA
200 M. BRST			*****			31.15	MARK PUGLIESE	USA	1:06.25	SCOTT LAUTMAN	USA
2:32.78	BENN DOYLE	USA	*****			31.37	ALAIN VANACKER	FRA	1:06.84	GEORGE JACOBSON	CAN
2:36.14	PATRICK ALLENDER	USA	M E N 55-59			31.46	WAYNE KING	USA	1:07.15	WOLFGANG HOPP	GER
2:37.63	WOLFGANG PIRL	GER	*****			31.48	CHRISTOPHER BROWN	GBR	1:07.42	PHIL DODSON	USA
2:38.59	DAN FILGIANO	CAN	50 M. FREE			100 M. BACK			200 M. FLY		
2:38.81	HAJIME SHIMURA	JPN	25.16	PAUL TREVISAN	USA	1:06.05	WES EDWARDS	USA	2:25.95	SCOTT LAUTMAN	USA



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2:32.98	JIM CLEMMONS	USA	2:19.07	FRANK MCELROY	USA	36.07	HELIO IDERIHA	BRA	2:45.28	JOS PACKENIUS	GER
2:34.64	JEAN-MARIE CADIAT	BEL	2:19.16	JON SHASTID	USA	36.08	JOHN LIRON	GBR	2:45.69	GRAHAM PADGETT	GBR
2:35.46	PHIL DODSON	USA	400 M. FREE			100 M. BRST			400 M. I.M.		
2:39.75	JOEL KRIGER	BRA	4:46.10	DUNCAN MCCREADIE	FRA	1:13.33	ROBERT STRAND	USA	5:42.32	GEORGE WENDT	USA
2:40.58	FRED JACOBSON	CAN	4:50.38	GEORGE WENDT	USA	1:18.34	KENNETH FROST JR	USA	5:53.51	FRANK MCELROY	USA
2:44.33	FRED FERROGGIARO	USA	4:51.83	EDWARD RUDLOFF JR	USA	1:18.51	YOSHITADA MAEDA	JPN	5:54.97	D.UIJTENBOGAART	NED
2:44.54	J.MOUSSAY	FRA	4:52.64	FRANK MCELROY	USA	1:18.90	SEIKO OKAZAKI	JPN	5:55.37	BOB BRUCE	USA
2:45.32	ALAN BELL	USA	4:58.53	JAMES MCCLEERY	USA	1:18.97	DIETER HOFEL	GER	5:59.24	KURT FREI	SUI
2:45.70	MIKE TENNANT	USA	4:58.75	D.UIJTENBOGAART	NED	1:19.32	JOZEF KLUKOWSKI	POL	6:02.77	NORIAKI TSUJI	JPN
100 M. I.M.			4:58.78	BOB BRUCE	USA	1:19.97	OSAMU MAEDA	JPN	6:03.57	DAVID UGARKOVICH	USA
1:03.69	GREG SHAW	USA	5:00.03	RICHARD KITTEL	USA	1:20.83	ALBERTO SICA	ITA	6:07.14	MICHAEL MCCOLLY	USA
1:06.04	TIM SHEAD	RSA	5:04.10	DAVID QUIGGIN	USA	1:20.94	BILL KELLEY	USA	6:14.45	DANIEL ROGACKI	USA
1:06.09	ALISTAIR COCKBURN	USA	5:04.58	GRAHAM PADGETT	GBR	1:21.21	WOLFGANG GATCKE	GER	6:16.72	JOS PACKENIUS	GER
1:06.29	GEORGE SCHMIDT	USA	800 M. FREE			200 M. BRST					
1:07.45	JIM CLEMMONS	USA	10:10.55	DUNCAN MCCREADIE	FRA	2:43.32	ROBERT STRAND	USA	*****		
1:07.67	ALEXANDER MILLS	NOR	10:16.72	D.UIJTENBOGAART	NED	2:50.40	GEORGE WENDT	USA	M E N 65-69		
1:07.74	CASEY CLAFLIN	USA	10:17.44	FRANK MCELROY	USA	2:57.57	GEOFFREY THWAITES	GBR	*****		
1:08.30	HUBIE KERNS	USA	10:20.82	JAMES MCCLEERY	USA	2:58.66	ALAIN JOUAN	FRA	50 M. FREE		
1:08.57	DAVE WILKIN	CAN	10:33.20	BOB BRUCE	USA	2:59.48	ALBERTO SICA	ITA	26.68	KEEFE LODWIG	USA
1:08.66	TAKEO HIRAMOTO	JPN	10:34.87	VICTOR PAUL	AUS	3:00.01	KENNETH FROST JR	USA	26.97	VINUS VAN BAALEN	USA
200 M. I.M.			10:38.47	FRED BAIRD	USA	3:00.62	DUNCAN MCCREADIE	FRA	27.67	IAN SMITH	CAN
2:25.63	JIM CLEMMONS	USA	10:45.48	DAVID QUIGGIN	USA	3:00.97	NORIAKI TSUJI	JPN	28.17	ROBERT SMITH	USA
2:30.74	DAVE DICKSON	CAN	10:52.56	JAY PLATT	USA	3:01.03	PATRICK DEVINE	AUS	28.50	RICHARD BURNS	USA
2:33.56	MIKE MORROW	CAN	10:55.25	PETER ATTWELL	NZL	3:01.69	PAUL WYATT	AUS	28.51	LUIZ FIGUEIREDO	BRA
2:33.82	ROBERT BROWN	USA	1500 M. FREE			50 M. FLY			28.66	GEORGES KOESSLER	FRA
2:33.92	MIROSLAW WARCHOL	POL	19:14.86	R TOD SPIEKER	USA	27.87	RICHARD ABRAHAMS	USA	28.91	PETER ANDERSEN	USA
2:33.99	PHIL DODSON	USA	19:28.51	D.UIJTENBOGAART	NED	29.30	KENJI NAKAMATSU	JPN	29.10	NEIL MACKINNON	GBR
2:34.16	JEAN-MARIE CADIAT	BEL	19:37.27	JAMES MCCLEERY	USA	29.42	SHIGEO ASANO	JPN	29.12	HIROSHI MARUYAMA	JPN
2:34.21	MIKE TENNANT	USA	19:46.65	BOB BRUCE	USA	29.48	BRYAN BATEMAN	USA	100 M. FREE		
2:35.33	RON ARMSTRONG	CAN	20:35.02	GRAHAM SHORT	GBR	29.50	JEAN LESTIDEAU	FRA	59.60	KEEFE LODWIG	USA
2:35.56	EDDIE RIACH	GBR	20:38.99	FRED BAIRD	USA	29.70	ERIC HENDERSON	GBR	1:01.13	RICHARD BURNS	USA
400 M. I.M.			20:40.22	JEAN CLAUDE FAURE	FRA	29.87	KIERAN KELLEHER	USA	1:02.50	TOM LANDIS	USA
5:13.35	JIM CLEMMONS	USA	20:51.75	GUIDO BAUDI	ITA	29.94	HORST LEHMANN	GER	1:03.15	IAN SMITH	CAN
5:21.89	EDDIE RIACH	GBR	21:01.76	TOM ETTINGER	USA	30.02	JOSEF CLARET	ESP	1:04.46	AKIRA FUJIMAKI	JPN
5:24.30	DAVE DICKSON	CAN	21:05.83	DAVID HEMBROW	GBR	30.13	FRED BAIRD	USA	1:04.93	TONY CHERRINGTON	GBR
5:30.30	MIKE MORROW	CAN	50 M. BACK			100 M. FLY			1:05.06	VINUS VAN BAALEN	CAN
5:30.41	HUBIE KERNS	USA	31.67	JEAN LESTIDEAU	FRA	1:03.94	RICHARD ABRAHAMS	USA	1:05.23	HIROSHI MARUYAMA	JPN
5:37.71	ROBERT BROWN	USA	31.80	HUGH WILDER	USA	1:05.57	FRED SCHLICHER	USA	1:05.31	RICHARD TODD	USA
5:38.14	RON ARMSTRONG	CAN	33.17	GREGORY GUSH	USA	1:07.50	SHIGEO ASANO	JPN	1:05.47	DAVID GILDEA	USA
5:38.39	MIKE TENNANT	USA	33.85	RICHARD ALEXANDER	USA	1:07.51	JEAN LESTIDEAU	FRA	200 M. FREE		
5:43.80	HANS-PETER BELLEN	GER	34.54	KURT FREI	SUI	1:07.60	ERIC HENDERSON	GBR	2:16.27	KEEFE LODWIG	USA
5:47.02	JAMES THORNTON	USA	34.60	PATRICK DEVINE	AUS	1:08.57	JOSEF CLARET	ESP	2:17.15	TOM LANDIS	USA
*****			34.61	DAVID QUIGGIN	USA	1:08.81	KIERAN KELLEHER	USA	2:18.54	RICHARD BURNS	USA
M E N 60-64			34.66	BOB BRUCE	USA	1:09.14	FRED BAIRD	USA	2:25.10	TONY CHERRINGTON	GBR
*****			34.66	DANIEL ROGACKI	USA	1:09.20	HORST LEHMANN	GER	2:25.32	VITTORIO ERMIRIO	ITA
50 M. FREE			34.70	DONALD GALINE	USA	1:10.59	DEREK PARR	GBR	2:27.35	RICHARD TODD	USA
24.93	RICHARD ABRAHAMS	USA	100 M. BACK			200 M. FLY			2:27.62	AKIRA FUJIMAKI	JPN
26.18	RAGNAR JENSEN	NOR	1:09.14	HUGH WILDER	USA	2:30.18	FRED SCHLICHER	USA	2:28.01	SUETAKA SAWADA	JPN
27.34	DAVID QUIGGIN	USA	1:11.07	BRYAN BATEMAN	USA	2:33.95	JEAN LESTIDEAU	FRA	2:28.33	KOJI IWAMOTO	JPN
27.34	ALAN BROWN	AUS	1:12.55	GREGORY GUSH	USA	2:45.49	DEREK PARR	GBR	2:29.40	JOACHIM HINTZE	GER
27.46	R.DOBBELMANN	FRA	1:14.72	RICHARD KITTEL	USA	2:47.02	VICTOR PAUL	AUS	400 M. FREE		
27.65	JOSE FERRAZ	USA	1:14.77	KURT FREI	SUI	2:51.22	FRED BAIRD	USA	5:03.90	TOM LANDIS	USA
27.76	FRANK HESBACHER	GER	1:15.51	DANNY WALMSLEY	CAN	2:51.81	PAUL WYATT	AUS	5:08.75	VITTORIO ERMIRIO	ITA
27.79	GRAHAM CROFT	AUS	1:15.91	DIETER SEIFERT	GER	2:53.24	D.UIJTENBOGAART	NED	5:11.39	SUETAKA SAWADA	JPN
27.85	DOUGLAS PRENTICE	USA	1:16.08	TOSHIKI MIYATA	JPN	2:53.25	FRANK MCELROY	USA	5:15.40	TADANOBU YAMADA	JPN
28.11	BARRIE ROLFE	GBR	1:16.14	IVAN MYALL	GBR	2:56.33	TADAYUKI HOSHO	JPN	5:15.82	JOACHIM HINTZE	GER
100 M. FREE			1:16.38	PATRICK DEVINE	AUS	2:56.61	BOB KOLONKOWSKI	USA	5:20.69	ROBERT POIETMAN	USA
56.63	RICHARD ABRAHAMS	USA	200 M. BACK			100 M. I.M.			5:20.73	GEOFF STOKES	GBR
58.87	BRYAN BATEMAN	USA	2:39.36	HUGH WILDER	USA	1:07.88	BRYAN BATEMAN	USA	5:26.42	FERDINANDO ORENGO	ITA
1:00.09	FRED SCHLICHER	USA	2:40.05	JEAN LESTIDEAU	FRA	1:08.05	ROBERT STRAND	USA	5:26.98	LARRY RAFFAELLI	USA
1:00.82	GRAHAM CROFT	AUS	2:40.16	IVAN MYALL	GBR	1:10.37	JEAN LESTIDEAU	FRA	5:27.77	FEDERICO DI CARLO	ITA
1:00.93	RICHARD KITTEL	USA	2:42.20	GEORGE WENDT	USA	1:11.29	KIERAN KELLEHER	USA	800 M. FREE		
1:01.09	DAVID QUIGGIN	USA	2:44.15	DUNCAN MCCREADIE	FRA	1:12.89	JOS PACKENIUS	GER	10:21.09	TOM LANDIS	USA
1:01.16	FRANK HESBACHER	GER	2:44.42	TOSHIKI MIYATA	JPN	1:12.94	GEOFFREY THWAITES	GBR	11:06.60	LARRY RAFFAELLI	USA
1:01.49	ALAN BROWN	AUS	2:44.45	KURT FREI	SUI	1:13.37	HUGH WILDER	USA	11:17.19	ALEX GALLETTY	GBR
1:01.61	JEAN LESTIDEAU	FRA	2:44.52	MALCOLM MUNRO	GBR	1:13.52	DANIEL ROGACKI	USA	11:22.83	BILL DAWSON	USA
1:02.18	EDWARD RUDLOFF JR	USA	2:45.72	GREGORY GUSH	USA	1:14.01	DUNCAN MCCREADIE	FRA	11:27.30	FERDINANDO ORENGO	ITA
200 M. FREE			2:46.11	DANNY WALMSLEY	CAN	1:14.13	PATRICK DEVINE	AUS	11:29.80	FEDERICO DI CARLO	ITA
2:10.04	FRED SCHLICHER	USA	50 M. BRST			200 M. I.M.			11:31.86	FRANK WILLIAMS	USA
2:12.14	BERT VOSBERGEN	AUS	32.79	ROBERT STRAND	USA	2:30.56	FRED SCHLICHER	USA	11:34.90	SALVATORE DEIANA	ITA
2:15.55	DUNCAN MCCREADIE	FRA	34.73	DIETER HOFEL	GER	2:35.84	GEORGE WENDT	USA	11:35.47	TOSHIO TOMINAGA	JPN
2:15.86	RICHARD KITTEL	USA	35.05	KENNETH FROST JR	USA	2:42.79	SHIGEO ASANO	JPN	11:36.87	GEOFF STOKES	GBR
2:16.05	EDWARD RUDLOFF JR	USA	35.07	OSAMU MAEDA	JPN	2:43.18	DUNCAN MCCREADIE	FRA	1500 M. FREE		
2:17.87	FRANK HESBACHER	GER	35.10	JOZEF KLUKOWSKI	POL	2:43.37	VICTOR PAUL	AUS	20:10.92	TOM LANDIS	USA
2:18.45	DAVID QUIGGIN	USA	35.48	MATT POWERS	USA	2:43.53	D.UIJTENBOGAART	NED	21:26.12	TADANOBU YAMADA	JPN
2:18.48	GEORGE WENDT	USA	35.72	WOLFGANG GATCKE	GER	2:44.04	FRANK MCELROY	USA	21:27.41	ALEX GALLETTY	GBR
			35.82	ROBERTO RUGGIERI	ITA	2:44.54	HUGH WILDER	USA	21:31.50	TONY CHERRINGTON	GBR



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21:34.56	BILL DAWSON	USA	31.39	IAN SMITH	CAN	1:04.32	JEFF FARRELL	USA	3:08.46	DOUGLAS ALPINO	BRA
21:43.50	SALVATORE DEIANA	ITA	31.63	GEORGES KOESSLER	FRA	1:04.66	PETER BERGENGREN	SWE	3:09.58	E.NODENSCHNEIDER	FRA
21:44.81	FERDINANDO ORENGO	ITA	31.64	MIKE FRESHLEY	USA	1:07.46	MASATO YOSHINO	JPN	3:10.29	NIC GEERS	NED
22:02.25	MICK MARSHALL	GBR	31.70	ROBERT SMITH	USA	1:07.69	CAV CAVANAUGH	USA	3:11.75	HANS-PETER WEDLER	GER
22:12.90	FEDERICO DI CARLO	ITA	31.78	KOJI IWAMOTO	JPN	1:09.35	DAVID RADCLIFF	USA	3:12.84	THOMAS WALKER	GBR
22:16.26	TOSHIO TOMINAGA	JPN	31.82	ROBERT POILETMAN	USA	1:10.54	NIC GEERS	NED	3:16.06	HEINZ HUBNER	GER
50	M. BACK		100	M. FLY		1:11.42	JERRY CLARK	USA	3:16.64	LARRY GOOD	USA
31.64	RICHARD BURNS	USA	1:10.07	ROBERT POILETMAN	USA	1:11.81	YOSHIKI AOKI	JPN	3:21.26	MIKIYA HATTA	JPN
32.32	VINUS VAN BAALEN	USA	1:10.25	RICHARD BURNS	USA	1:12.50	KAZUYA NISHINO	JPN	3:21.44	CARLOS JIMENEZ	ESP
32.76	ROBERT SMITH	USA	1:11.45	KEEFE LODWIG	USA	1:13.02	DAVID PAINTER	USA	3:22.02	OSAMU IWANAMI	JPN
33.22	LUIZ FIGUEIREDO	BRA	1:12.01	KOJI IWAMOTO	JPN	200	M. FREE		50	M. BRST	
34.82	BERND HORSTMANN	GER	1:13.69	BERND SCHRODER	GER	2:30.04	JEFF FARRELL	USA	37.74	HANS REICHELT	GER
35.03	TONY CHERRINGTON	GBR	1:14.13	TOMOYASU IIDA	JPN	2:30.79	DAVID RADCLIFF	USA	37.95	JEFF FARRELL	USA
35.15	HIROSHI NONAKA	JPN	1:14.38	HUGH RODDIN	USA	2:31.71	MASATO YOSHINO	JPN	37.96	KARL WIEDAMANN	USA
35.41	KOJI IWAMOTO	JPN	1:15.36	YASUTAKA KOIKE	JPN	2:31.75	BALAZS GYORFFY	GBR	38.35	TONY GOODWIN	AUS
35.80	LUCIEN GAUCHE	FRA	1:15.92	JOAQUIN CANALES	ESP	2:32.13	CAV CAVANAUGH	USA	38.39	PETER BELL	CAN
35.96	MIKE FRESHLEY	USA	1:16.76	CHITOSHI KONISHI	JPN	2:32.29	DAVID COSTILL	USA	39.02	YOSHIKI AOKI	JPN
100	M. BACK		200	M. FLY		2:34.40	NIC GEERS	NED	39.41	GUNTER SCHMAH	GER
1:10.66	RICHARD BURNS	USA	2:38.71	ROBERT POILETMAN	USA	2:35.27	JOHN CRISP	AUS	39.70	STANLEY CLARKE	GBR
1:12.95	BERND HORSTMANN	GER	2:53.29	KOJI IWAMOTO	JPN	2:38.66	JERRY CLARK	USA	39.91	RINALDO FERREIRA	BRA
1:13.11	ROBERT SMITH	USA	2:53.93	JOACHIM HINTZE	GER	2:42.27	YOSHIKI AOKI	JPN	39.93	CHRISTIAN JOGUET	FRA
1:16.56	LUIZ FIGUEIREDO	BRA	3:00.15	HUGH RODDIN	USA	400	M. FREE		100	M. BRST	
1:19.41	VINUS VAN BAALEN	CAN	3:05.54	TAISUKE MIYAZAKI	JPN	5:29.17	DAVID RADCLIFF	USA	1:24.31	YOSHIKI AOKI	JPN
1:19.41	FUMITAKE MATSUDA	JPN	3:07.32	MIKE FRESHLEY	USA	5:33.89	NIC GEERS	NED	1:24.43	HANS REICHELT	GER
1:19.61	LUCIEN GAUCHE	FRA	3:09.04	IVAN PIVOVAROV	CAN	5:46.87	CAV CAVANAUGH	USA	1:24.70	TONY GOODWIN	AUS
1:20.17	HIROSHI NONAKA	JPN	3:14.14	FERDINANDO ORENGO	ITA	5:49.66	HANS LINDSTROM	SWE	1:25.34	KARL WIEDAMANN	USA
1:20.19	BILL RUPERT	USA	3:14.15	JOAQUIN CANALES	ESP	5:50.62	JERRY CLARK	USA	1:27.03	PETER BELL	CAN
1:20.40	MASAO KIJIMA	JPN	3:14.91	RICHARD BURNS	USA	6:04.02	CARLOS JIMENEZ	ESP	1:28.30	TETSUO NAKAMARU	JPN
200	M. BACK		100	M. I.M.		6:08.80	GUNTER BEILSTEIN	GER	1:28.33	H.TAKEMASA	JPN
2:36.52	RICHARD BURNS	USA	1:10.67	RICHARD BURNS	USA	6:09.97	BERND REHBEIN	GER	1:28.45	W.BURKOWSKY	GER
2:37.65	BERND HORSTMANN	GER	1:13.90	BERND SCHRODER	GER	6:13.41	K.EBNER	GER	1:29.09	THOMAS WALKER	GBR
2:47.39	LUIZ FIGUEIREDO	BRA	1:14.29	ROBERT SMITH	USA	6:13.97	JOHN SEABROOK	GBR	1:29.51	CLAUDIO NEGRI	ITA
2:55.82	BILL RUPERT	USA	1:14.44	KOJI IWAMOTO	JPN	800	M. FREE		200	M. BRST	
2:59.34	MASAO KIJIMA	JPN	1:15.29	LOUIS KRONFELD	USA	11:25.94	DAVID RADCLIFF	USA	3:08.58	HANS REICHELT	GER
3:01.05	FRANS VAN ENST	NED	1:15.39	VINUS VAN BAALEN	USA	11:58.19	CAV CAVANAUGH	USA	3:10.08	YOSHIKI AOKI	JPN
3:01.72	TONY CHERRINGTON	GBR	1:16.12	MIKE FRESHLEY	USA	12:01.98	NIC GEERS	NED	3:12.00	TONY GOODWIN	AUS
3:03.13	LARRY RAFFAELLI	USA	1:16.15	DAVID GILDEA	USA	12:36.93	DAVE MCLACHLAN	RSA	3:14.08	PETER BELL	CAN
3:03.46	GIANNI ZAOITINI	ITA	1:16.29	NEIL MACKINNON	GBR	12:37.71	CARL WOOLLEY	USA	3:14.84	THOMAS WALKER	GBR
3:04.52	ALLAN MCDUGALL	USA	1:16.58	GERSHON SHEFA	ISR	12:39.94	BERND REHBEIN	GER	3:19.33	MASAMI SHIGETA	JPN
50	M. BRST		200	M. I.M.		12:53.25	LARRY GOOD	USA	3:20.60	KARL WIEDAMANN	USA
34.55	LOUIS KRONFELD	USA	2:41.64	BERND HORSTMANN	GER	13:03.68	BRENT LAKE	USA	3:23.16	H.TAKEMASA	JPN
35.44	DAVID GILDEA	USA	2:42.48	RICHARD BURNS	USA	13:04.01	WILL RAUCH	USA	3:24.81	GUNTER SCHMAH	GER
35.67	PETER ANDERSEN	USA	2:44.33	KOJI IWAMOTO	JPN	13:07.18	GREGOR POMPEN	NED	3:25.27	MAURICE DEMESSINE	FRA
35.70	RICHARD TODD	USA	2:48.63	RICHARD TODD	USA	1500	M. FREE		50	M. FLY	
36.58	GERSHON SHEFA	ISR	2:49.34	MIKE FRESHLEY	USA	21:34.47	DAVID RADCLIFF	USA	31.55	BERT PETERSEN	USA
37.35	ANTONIO ORSELLI	BRA	2:50.58	VITTORIO ERMIRIO	ITA	22:32.76	ERNIE LESKOVITZ	USA	32.17	HIROSHI MATSUMOTO	JPN
37.40	KENRO ISHIDA	JPN	2:54.64	TOM LANDIS	USA	23:09.75	HANS LINDSTROM	SWE	32.93	JEFF FARRELL	USA
37.41	ROBERT SMITH	USA	2:57.22	PETER FRENZEL	GER	24:34.68	MASAO SAKANO	JPN	33.06	DAVE COSTILL	USA
37.53	DAVE NOBLE	USA	2:58.26	EDWARD REED JR	USA	24:53.07	CARLOS JIMENEZ	ESP	33.10	PETER BERGENGREN	SWE
37.63	ROLF GITTER	GER	2:58.54	KIHEI YOSHIMURA	JPN	24:57.71	H.NUSSBAUMER	GER	35.01	DAVID MCINTYRE	USA
100	M. BRST		400	M. I.M.		24:58.01	HARRY BARROW	GBR	35.47	IKURO SHIMONO	JPN
1:17.01	DAVID GILDEA	USA	5:56.22	RICHARD BURNS	USA	24:59.99	LARRY GOOD	USA	35.51	GENICHI IGARASHI	JPN
1:18.66	RICHARD TODD	USA	6:02.48	RICHARD TODD	USA	25:00.88	K.EBNER	GER	35.56	DAVID CUMMING	GBR
1:20.41	GERSHON SHEFA	ISR	6:11.98	MIKE FRESHLEY	USA	25:03.72	D.LEATHERBARROW	GBR	35.76	MASARU IGARASHI	JPN
1:21.32	LOUIS KRONFELD	USA	6:18.34	MASAO KIJIMA	JPN	50	M. BACK		100	M. FLY	
1:23.11	DAVE NOBLE	USA	6:19.69	TOM LANDIS	USA	37.11	PETER BERGENGREN	SWE	1:21.79	DAVE COSTILL	USA
1:23.82	RAINER OPITZ	GER	6:21.95	ROB HANOU	NED	37.25	DAVID MCINTYRE	USA	1:22.37	BERT PETERSEN	USA
1:23.98	ION CONDIESCU	FRA	6:35.58	BRYAN FINLAY	CAN	37.36	ERIC FORSLUND	SWE	1:23.67	DAVID CUMMING	GBR
1:24.17	PETER ANDERSEN	USA	6:39.22	HELMUT BEER	GER	37.98	TOM VERTH	CAN	1:26.50	GENICHI IGARASHI	JPN
1:24.18	KLAUS OSTERROHT	GER	6:46.46	BILL DAWSON	USA	37.98	HUGH CUMBERFORD	GBR	1:28.88	TADAHIKO SAKATANI	JPN
1:25.16	KENRO ISHIDA	JPN	6:46.68	RAINER OPITZ	GER	38.03	IKURO SHIMONO	JPN	1:29.14	TONY GOODWIN	AUS
200	M. BRST					38.21	KOICHI SATO	JPN	1:29.21	MASARU IGARASHI	JPN
2:54.56	GERSHON SHEFA	ISR	*****			38.34	MOTOHISA HIROSE	JPN	1:30.54	GUNTER SCHMAH	GER
2:56.84	DAVID GILDEA	USA		M E N 70-74		38.45	PETER BAUCH	GER	1:30.72	SHIGEO MIYOSHI	JPN
3:00.73	RICHARD TODD	USA	*****			38.54	DOUGLAS ALPINO	BRA	1:32.91	DAVE MCLACHLAN	RSA
3:05.81	RAINER OPITZ	GER	50	M. FREE		100	M. BACK		200	M. FLY	
3:06.32	ERIK HAITES	CAN	27.70	JEFF FARRELL	USA	1:25.15	TOM VERTH	CAN	3:19.00	DAVE MCLACHLAN	RSA
3:07.96	MIKE FRESHLEY	USA	28.28	PETER BERGENGREN	SWE	1:26.69	HANS-PETER WEDLER	GER	3:20.92	DAVID CUMMING	GBR
3:08.29	MICHAEL MOLONEY	AUS	28.76	CAV CAVANAUGH	USA	1:27.06	PETER BAUCH	GER	3:32.29	TADAHIKO SAKATANI	JPN
3:09.88	ROB HANOU	NED	30.48	MASATO YOSHINO	JPN	1:27.25	DOUGLAS ALPINO	BRA	3:33.94	NIC GEERS	NED
3:10.65	DAVE NOBLE	USA	30.59	DAVID RADCLIFF	USA	1:27.37	MOTOHISA HIROSE	JPN	3:34.88	H.MULLER	GER
3:11.03	JOACHIM SCHULZE	GER	30.83	STANLEY CLARKE	GBR	1:27.60	NIC GEERS	NED	3:36.86	CHRISTIAN THIESS	AUS
50	M. FLY		31.35	DAVID PAINTER	USA	1:28.04	ERIC FORSLUND	SWE	3:40.56	GEROLAMO FORLANI	ITA
29.79	KEEFE LODWIG	USA	31.45	MANFRED BONICKE	GER	1:28.52	CLAUDE MAUGARD	FRA	3:41.80	BARRY FASBENDER	USA
30.87	RICHARD BURNS	USA	31.45	PIERRE ROUBAUD	FRA	1:28.64	E.NODENSCHNEIDER	FRA	3:56.93	IVAN WINGATE	AUS
30.92	TOMOYASU IIDA	JPN	31.56	NIC GEERS	NED	1:28.65	MANFRED BUSCH	GER	3:57.21	LARRY GOOD	USA
31.36	BERND SCHRODER	GER	100	M. FREE		200	M. BACK		100	M. I.M.	



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1:16.90	JEFF FARRELL	USA	6:44.69	YOSHI OYAKAWA	USA	1:38.45	IWAO NARUSE	JPN	7:54.49	MASAYASU KAMIYA	JPN
1:17.19	DAVE COSTILL	USA	6:46.11	S.KROKOSZYNSKI	POL	1:39.17	RUDI VAN ESS	GER	8:02.69	ASHLEY JONES	USA
1:19.96	IKURO SHIMONO	JPN	6:50.68	HEINZ KRAUSS	GER	1:39.72	JIN ISHIDA	JPN	8:07.55	TOM MITCHELL	USA
1:21.34	MOTOHISA HIROSE	JPN	800 M. FREE			200 M. BRST					
1:24.10	PETER BERGENGREN	SWE	11:38.56	BURWELL JONES	USA	3:20.93	TSUTOMU KAJIHARA	JPN	*****		
1:24.34	JOHN CRISP	AUS	12:38.91	GRAHAM JOHNSTON	USA	3:26.71	SHUNSAKU TAKAHARA	JPN	M E N 80-84		
1:24.36	STANLEY CLARKE	GBR	12:39.48	GIULIO DIVANO	ITA	3:31.55	ERIVALDO LIMA	BRA	*****		
1:25.75	GENICHI IGARASHI	JPN	13:40.70	CHRISTOPHER SMITH	CAN	3:34.14	TSUTOMU MORIHIRO	JPN	50 M. FREE		
1:25.77	KAZUHIRO SONODA	JPN	13:42.80	ALAN RAPPERPORT	USA	3:37.96	IWAO NARUSE	JPN	33.79	FUJIO MYOJIN	JPN
1:26.17	NIC GEERS	NED	14:16.63	EDWARD ASKEW	GBR	3:40.15	TAKAO OKAMOTO	JPN	34.16	FRANK PIEMME	USA
200 M. I.M.			14:18.42	CHARLES ERWIN	USA	3:40.85	JORG FAUST	GER	34.52	TAKAHICO NOMA	JPN
3:00.45	JEFF FARRELL	USA	14:53.32	TOM MITCHELL	USA	3:40.90	PATRICK GALVIN	AUS	34.77	ZENJI NAKAHARI	JPN
3:02.07	MOTOHISA HIROSE	JPN	14:56.80	REMO ARGERI	ITA	3:41.98	ASHLEY JONES	USA	35.04	ALLEN MILES	GBR
3:06.11	JOHN CRISP	AUS	15:06.07	JOAQUIN GIMENEZ	ESP	3:42.72	AKIJI HIROSE	JPN	35.48	SHOICHI SHIDA	JPN
3:08.63	DAVE MCLACHLAN	RSA	1500 M. FREE			50 M. FLY			36.46	TOSHIMI INATOMI	JPN
3:10.70	TONY GOODWIN	AUS	22:28.06	BURWELL JONES	USA	34.53	JEAN LE DALL	FRA	36.47	ROD BAKER	AUS
3:12.85	MEL GOLDSTEIN	USA	25:23.20	GIULIO DIVANO	ITA	36.41	TAKASHI HAYASHI	JPN	36.66	MINORU NAGASHIMA	JPN
3:15.01	NIC GEERS	NED	25:24.90	TAKANAO SATO	JPN	36.76	CLARKE MITCHELL	USA	36.87	KARL HAUTER	GER
3:16.30	GENICHI IGARASHI	JPN	26:14.37	MASAYASU KAMIYA	JPN	37.58	MASAYASU KAMIYA	JPN	100 M. FREE		
3:17.54	PETER BELL	CAN	26:54.95	CHRISTOPHER SMITH	CAN	38.05	JOJI OSHIMA	JPN	1:19.03	ROD BAKER	AUS
3:18.85	E.NODENSCHNEIDER	FRA	27:03.24	M.YOSHIZAWA	JPN	38.47	BOB BEST	USA	1:20.64	FRANK PIEMME	USA
400 M. I.M.			27:12.18	BILL KING	USA	38.68	RUDI VAN ESS	GER	1:24.14	TOSHIMI INATOMI	JPN
6:42.04	MOTOHISA HIROSE	JPN	27:24.84	GABRIEL GUIHO	FRA	38.79	TSUTOMU KAJIHARA	JPN	1:26.99	DALE WEBSTER	USA
6:53.76	DAVE MCLACHLAN	RSA	28:14.54	IRWIN STOLZ	USA	39.06	ASHLEY JONES	USA	1:27.32	HIROSHI YOSHIMURA	JPN
7:09.54	LARRY GOOD	USA	28:25.64	JOAQUIN GIMENEZ	ESP	39.16	CURT ZEISS	GER	1:27.33	TAMON YOSHIDA	JPN
7:15.84	KAIZO YAMAMOTO	JPN	50 M. BACK			100 M. FLY			1:27.56	MINORU NAGASHIMA	JPN
7:16.75	NIC GEERS	NED	35.51	YOSHI OYAKAWA	USA	1:24.67	TAKASHI HAYASHI	JPN	1:27.93	KARL HAUTER	GER
7:26.65	RON RICHARDS	NZL	36.58	S.SEKIKAWA	JPN	1:32.69	GIULIO DIVANO	ITA	1:28.48	SILVANO DANIELI	ITA
7:28.54	GEROLAMO FORLANI	ITA	37.56	BURWELL JONES	USA	1:33.98	MASAYASU KAMIYA	JPN	1:29.58	ALLEN MILES	GBR
7:34.37	BARRY FASBENDER	USA	38.23	CLARKE MITCHELL	USA	1:34.76	ERIVALDO LIMA	BRA	200 M. FREE		
7:35.95	WALLY HENNE	CAN	39.01	MAMPEI SEINO	JPN	1:35.67	TAKASHI SATO	JPN	2:58.32	HIROSHI YOSHIMURA	JPN
7:41.17	MICHIO TANI	JPN	41.63	MASAYASU KAMIYA	JPN	1:36.34	BURWELL JONES	USA	3:04.05	KARL HAUTER	GER
*****			41.64	K.KAWASHIMA	JPN	1:36.55	ASHLEY JONES	USA	3:09.12	TOSHIO SHIMIZU	JPN
M E N 75-79			41.80	GEORGE GFROERER	USA	1:36.69	BOB BEST	USA	3:10.71	FRANK PIEMME	USA
*****			42.25	KATSUHIKO SAKA	JPN	1:37.61	HEINZ KRAUSS	GER	3:12.40	MINORU NAGASHIMA	JPN
50 M. FREE			42.29	JOHN GRAVE	CAN	1:41.48	PATRICK GALVIN	AUS	3:17.96	D.CASOLINO	ITA
29.46	LEIF GELLBERG	SWE	100 M. BACK			200 M. FLY			3:18.27	JIRO KOBAYASHI	JPN
31.40	ANDERS SODERQVIST	SWE	1:19.71	BURWELL JONES	USA	3:18.65	TAKASHI HAYASHI	JPN	3:22.34	TOSHIMI INATOMI	JPN
31.80	SHINGO YAMAMOTO	JPN	1:20.16	YOSHI OYAKAWA	USA	3:29.00	ERIVALDO LIMA	BRA	3:24.74	DALE WEBSTER	USA
32.00	RUDI VAN ESS	GER	1:20.85	S.SEKIKAWA	JPN	3:46.24	GIULIO DIVANO	ITA	3:26.70	ROLF STELLRECHT	GER
32.14	WOLFRAM GOTTFRIED	GER	1:25.79	CLARKE MITCHELL	USA	3:49.68	BOB BEST	USA	400 M. FREE		
32.30	YOSHI OYAKAWA	USA	1:26.63	MAMPEI SEINO	JPN	3:57.77	TOSHIMASA MINAMI	JPN	6:20.10	HIROSHI YOSHIMURA	JPN
32.39	MASAYASU KAMIYA	JPN	1:30.97	GEORGE GFROERER	USA	3:58.04	PATRICK GALVIN	AUS	6:37.31	KARL HAUTER	GER
32.40	BOB BEST	USA	1:32.40	ALAN RAPPERPORT	USA	4:13.67	RAFAEL ESCALAS	ESP	6:45.01	D.CASOLINO	ITA
32.65	CLARKE MITCHELL	USA	1:33.60	ROGER BURREL	FRA	4:18.24	MASAYASU KAMIYA	JPN	6:46.70	TOSHIO SHIMIZU	JPN
33.45	SADAO MUROBAYASHI	JPN	1:34.03	MASAYASU KAMIYA	JPN	4:18.95	ELMER EGELKRAUT	USA	6:50.42	FRANK PIEMME	USA
100 M. FREE			1:34.97	JOHN GRAVE	CAN	4:27.48	TOM MITCHELL	USA	7:04.66	HARVEY PROSSER	USA
1:12.91	SHINGO YAMAMOTO	JPN	200 M. BACK			100 M. I.M.			7:17.25	ROLF STELLRECHT	GER
1:13.07	BURWELL JONES	USA	2:59.65	BURWELL JONES	USA	1:24.23	BURWELL JONES	USA	7:41.98	SILVANO DANIELI	ITA
1:13.12	WOLFRAM GOTTFRIED	GER	3:00.92	S.SEKIKAWA	JPN	1:26.50	TSUTOMU KAJIHARA	JPN	7:49.16	EDWARD HOY	GBR
1:15.02	MASAYASU KAMIYA	JPN	3:10.00	MAMPEI SEINO	JPN	1:26.56	MASAYASU KAMIYA	JPN	7:52.11	GERHARD GROSSE	GER
1:15.37	ANDERS SODERQVIST	SWE	3:13.21	YOSHI OYAKAWA	USA	1:26.87	CLARKE MITCHELL	USA	800 M. FREE		
1:15.48	YOSHI OYAKAWA	USA	3:15.19	CLARKE MITCHELL	USA	1:29.80	BOB BEST	USA	12:50.97	HIROSHI YOSHIMURA	JPN
1:16.25	YOSHINAO KAMEI	JPN	3:23.91	GEORGE GFROERER	USA	1:29.96	YOSHINAO KAMEI	JPN	14:39.58	HARVEY PROSSER	USA
1:16.26	GRAHAM JOHNSTON	USA	3:25.27	ALAN RAPPERPORT	USA	1:31.83	ANDERS SODERQVIST	SWE	14:47.91	FRANK PIEMME	USA
1:16.43	KAZUO OTA	JPN	3:28.06	MASAYASU KAMIYA	JPN	1:31.98	ASHLEY JONES	USA	15:22.63	ROLF STELLRECHT	GER
1:16.55	KIYOJI AMANO	JPN	3:29.34	JOHN GRAVE	CAN	1:32.87	CURT ZEISS	GER	16:08.22	EDWARD HOY	GBR
200 M. FREE			3:33.84	MICHIO KUBOTA	JPN	1:33.01	TAKASHI SATO	JPN	16:10.46	WIN WILSON	USA
2:46.05	GRAHAM JOHNSTON	USA	50 M. BRST			200 M. I.M.			16:14.15	STAN JACOBS	AUS
2:48.33	MASAYASU KAMIYA	JPN	40.07	MANUEL SANGUILY	USA	3:00.01	BURWELL JONES	USA	16:50.73	FRED GOLDNER	USA
2:50.60	SHINGO YAMAMOTO	JPN	40.99	TSUTOMU KAJIHARA	JPN	3:19.95	GIULIO DIVANO	ITA	16:53.82	ROBERT STRICKER	USA
2:51.94	KIYOJI AMANO	JPN	41.55	SHUNSAKU TAKAHARA	JPN	3:21.16	MASAYASU KAMIYA	JPN	17:09.07	JORDAN WOLLE	USA
2:52.46	KAZUO OTA	JPN	42.20	PATRICK GALVIN	AUS	3:23.03	BOB BEST	USA	1500 M. FREE		
2:52.53	BOB BEST	USA	42.28	BURWELL JONES	USA	3:25.04	TSUTOMU KAJIHARA	JPN	32:04.87	FRED GOLDNER	USA
2:53.01	FRANK TANNER	USA	42.76	RUDI VAN ESS	GER	3:28.58	FRANK TANNER	USA	32:07.74	JORDAN WOLLE	USA
2:53.78	GIULIO DIVANO	ITA	42.88	ERIVALDO LIMA	BRA	3:34.80	PATRICK GALVIN	AUS	32:51.56	ROBERT STRICKER	USA
2:54.94	FUMIO EGAMI	JPN	42.89	LENNART BROCK	SWE	3:35.85	ROGER BURREL	FRA	34:21.24	PAUL POULAUD	FRA
2:57.44	JOSEF KREJCI	SUI	43.33	BOB BEST	USA	3:37.74	GRAHAM JOHNSTON	USA	35:12.69	DON STUFFEL	USA
400 M. FREE			43.34	IWAO NARUSE	JPN	3:38.42	S.KROKOSZYNSKI	POL	36:12.94	G.VILLALONGA	FRA
5:50.39	BURWELL JONES	USA	100 M. BRST			400 M. I.M.			38:30.46	RICHARD SCHOMBURG	USA
6:15.28	GIULIO DIVANO	ITA	1:30.02	TSUTOMU KAJIHARA	JPN	6:52.50	BURWELL JONES	USA	45:46.43	LES YOUNG	AUS
6:17.03	MASAYASU KAMIYA	JPN	1:31.19	SHUNSAKU TAKAHARA	JPN	7:08.17	GIULIO DIVANO	ITA	50 M. BACK		
6:23.43	GRAHAM JOHNSTON	USA	1:35.47	TSUTOMU MORIHIRO	JPN	7:17.91	BOB BEST	USA	42.71	SHOICHI SHIDA	JPN
6:32.23	TAKASHI MORIURA	JPN	1:35.77	ERIVALDO LIMA	BRA	7:22.73	FRANK TANNER	USA	43.27	DALE WEBSTER	USA
6:33.06	CHRISTOPHER SMITH	CAN	1:36.15	BURWELL JONES	USA	7:43.52	GRAHAM JOHNSTON	USA	45.54	FRANK PIEMME	USA
6:42.01	ALAN RAPPERPORT	USA	1:37.14	BOB BEST	USA	7:48.84	CHRISTOPHER SMITH	CAN	46.75	KARL HAUTER	GER
			1:37.49	PATRICK GALVIN	AUS	7:50.64	YOSHINAO KAMEI	JPN	47.28	ALLEN MILES	GBR



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48.22	SILVANO DANIELI	ITA	3:12.83	SEBASTIAO ROSA	BRA	9:58.98	LUCIANO CANESSA	ITA	5:44.47	OLE LARSON	USA
48.55	HORST FRITSCH	GER	3:29.50	ROBERT WILLIAMS	USA	10:15.71	RICHARD SMITH	USA	5:50.62	WALTER LYNCH	USA
48.90	JACK MITCHELL	USA	200 M.	FLY		10:16.05	CASPAR HAUPT	CAN	6:03.70	ANTONIO FIGUERO	ESP
49.08	ANTONIO AYZA	ESP	4:01.64	THOMAS MAINE	USA	10:27.32	ANTONIO FIGUERO	ESP	6:13.85	ABRASHA BRAININ	USA
49.66	LUIGI MARAFFI	ITA	4:20.52	KARL HAUTER	GER	800 M.	FREE		6:22.90	CASPAR HAUPT	CAN
100 M.	BACK		15:59.67	DOUG STRONG	USA	14:04.48	WILLARD LAMB	USA	6:33.34	FRANCK OZBOLT	FRA
1:42.41	DALE WEBSTER	USA	100 M.	I.M.		15:03.26	JURGEN SCHMIDT	USA	7:35.74	ISAO HIRASAWA	JPN
1:46.46	SILVANO DANIELI	ITA	1:30.18	ZENJI NAKAHARI	JPN	18:50.83	OLE LARSON	USA	10:38.89	ERNIE EMMETT	AUS
1:51.82	MIKIO FUJIWARA	JPN	1:39.29	SHOICHI SHIDA	JPN	20:45.51	CASPAR HAUPT	CAN	50 M.	FLY	
1:52.06	Y.KAWAMOTO	JPN	1:39.80	SILVANO DANIELI	ITA	20:51.59	RICHARD SMITH	USA	57.57	G EDWARD RUDLOFF	USA
1:52.40	KARL HAUTER	GER	1:41.03	ROLF STELLRECHT	GER	23:13.21	JOHN CRANCH	USA	58.77	JURGEN SCHMIDT	USA
1:54.58	RU HOLTES	NED	1:43.10	GERHARD GIERA	GER	35:23.67	ERNIE EMMETT	AUS	1:01.10	LUDWIG GEBURZI	GER
1:55.22	F.YANAGISAWA	JPN	1:45.86	HIROSHI YOSHIMURA	JPN	1500 M.	FREE		1:02.14	MINORU FUKUI	JPN
1:55.50	GERHARD GROSSER	GER	1:46.45	FRANK PIEMME	USA	28:17.36	WILLARD LAMB	USA	1:12.74	HIRONARI UEDA	JPN
1:55.67	WILLIAM HAYNES	USA	1:46.73	HORST FRITSCH	GER	29:16.62	JURGEN SCHMIDT	USA	1:13.68	BOB DOUD	USA
1:57.14	JACK MITCHELL	USA	1:47.86	HIROSHI IMAIZUMI	JPN	37:04.62	OLE LARSON	USA	1:25.40	TOM MC CALL	USA
200 M.	BACK		1:48.48	THOMAS MAINE	USA	39:49.19	RICHARD SMITH	USA	1:27.41	CASPAR HAUPT	CAN
3:49.95	KARL HAUTER	GER	200 M.	I.M.		42:04.88	JOHN BRICE	AUS	1:29.84	RENE LAFITTE	FRA
3:56.39	DALE WEBSTER	USA	3:42.99	FRANK PIEMME	USA	42:58.00	CHARLES BUSHEY	USA	1:53.00	WALLY MARTIN	NZL
4:00.76	THOMAS MAINE	USA	3:47.85	ROLF STELLRECHT	GER	50 M.	BACK		100 M.	FLY	
4:08.43	GERHARD GROSSER	GER	3:52.01	THOMAS MAINE	USA	41.12	KEIJIRO NAKAMURA	JPN	2:45.10	BOB DOUD	USA
4:09.93	WILLIAM HAYNES	USA	3:53.29	SILVANO DANIELI	ITA	48.08	WILLARD LAMB	USA	2:59.57	JURGEN SCHMIDT	USA
4:09.95	Y.KAWAMOTO	JPN	4:05.22	HIROSHI IMAIZUMI	JPN	51.04	KAIZO WATANABE	JPN	3:00.27	HIRONARI UEDA	JPN
4:11.49	RU HOLTES	NED	4:29.82	ROBERT CUNNINGHAM	USA	52.25	GAETANO PAVONE	USA	4:20.88	CASPAR HAUPT	CAN
4:13.89	F.YANAGISAWA	JPN	4:37.64	DONALD HUBBARD	USA	53.61	ROGER HALIMI	FRA	4:57.10	VLADIMIR OUCHAKOF	USA
4:19.82	EURO MELO	BRA	4:43.37	TAMAS BOROSSY	SWE	53.76	JURGEN SCHMIDT	USA	200 M.	FLY	
4:20.15	BIFF LOWRY	USA	4:47.81	ISAAC SISKIND	USA	54.54	H.REITEMEYER	GER	6:43.79	BOB DOUD	USA
50 M.	BRST		4:55.84	JOSEPH LIEBIS	FRA	54.67	ALFRED SCHULHOF	CAN	10:06.25	CASPAR HAUPT	CAN
42.97	TOSHIO TAJIMA	JPN	400 M.	I.M.		56.00	H.MIYAZAKI	JPN	100 M.	I.M.	
43.64	ZENJI NAKAHARI	JPN	7:57.25	KARL HAUTER	GER	57.21	CASPAR HAUPT	CAN	1:56.30	JURGEN SCHMIDT	USA
44.93	GERHARD GIERA	GER	8:01.51	THOMAS MAINE	USA	100 M.	BACK		1:59.79	G EDWARD RUDLOFF	USA
44.97	KARL HAUTER	GER	11:11.62	LOU SILVERSTEIN	USA	1:28.98	KEIJIRO NAKAMURA	JPN	2:08.94	LUDWIG GEBURZI	GER
45.12	Y.KAWABATA	JPN	11:39.21	ROBERT WILLIAMS	USA	1:48.34	WILLARD LAMB	USA	2:18.94	ISAO FUNAMOTO	JPN
45.39	CHARLES URSTADT	USA				1:51.57	KAIZO WATANABE	JPN	2:28.92	CASPAR HAUPT	CAN
46.51	HORST FRITSCH	GER	*****			1:58.56	JURGEN SCHMIDT	USA	2:33.99	HIRONARI UEDA	JPN
47.06	RYUJI HASHIMOTO	JPN	M E N 85-89			2:01.48	H.MIYAZAKI	JPN	2:34.94	ALFRED SCHULHOF	CAN
47.35	ROLF WALTHER	GER	*****			2:05.67	ALFRED SCHULHOF	CAN	2:40.04	TOM MC CALL	USA
47.49	FRANK PIEMME	USA	50 M.	FREE		2:14.83	CASPAR HAUPT	CAN	2:45.43	ANGEL GALDO	ESP
100 M.	BRST		34.54	KEIJIRO NAKAMURA	JPN	2:16.43	MINORU FUKUI	JPN	2:50.70	BOB DOUD	USA
1:35.96	ZENJI NAKAHARI	JPN	38.50	WILLARD LAMB	USA	2:21.23	WALDEMAR BIANCO	BRA	200 M.	I.M.	
1:46.17	ROLF STELLRECHT	GER	39.21	ROGER HALIMI	FRA	2:27.12	WALTER LYNCH	USA	4:32.34	JURGEN SCHMIDT	USA
1:52.09	CHARLES URSTADT	USA	39.58	ATTILIO CHODO	ITA	200 M.	BACK		5:13.78	HIRONARI UEDA	JPN
1:53.77	FRANK PIEMME	USA	41.55	JURGEN SCHMIDT	USA	3:18.29	KEIJIRO NAKAMURA	JPN	5:26.89	MINORU FUKUI	JPN
1:57.69	WATARU ASAOKA	JPN	42.61	KAIZO WATANABE	JPN	3:55.12	WILLARD LAMB	USA	5:43.65	CASPAR HAUPT	CAN
1:58.05	GERHARD WAGNER	GER	43.06	YOSHIO HAYASHI	JPN	4:13.57	KAIZO WATANABE	JPN	7:21.74	VLADIMIR OUCHAKOF	USA
1:58.17	ROBERT CUNNINGHAM	USA	43.35	RENATO SALATI	RSA	4:16.55	JURGEN SCHMIDT	USA	400 M.	I.M.	
2:00.70	JAMES GREEN	GBR	43.36	H.SCHEULEN	GER	4:24.23	GAETANO PAVONE	USA	9:48.58	JURGEN SCHMIDT	USA
2:01.11	DENZO WAKAYAMA	JPN	43.46	ISAMU TAMURA	JPN	4:32.80	H.MIYAZAKI	JPN	11:37.69	HIRONARI UEDA	JPN
2:02.63	TED ROACH	CAN	100 M.	FREE		4:44.77	OTELLO CORONICA	ITA	13:08.94	BOB DOUD	USA
200 M.	BRST		1:19.42	KEIJIRO NAKAMURA	JPN	5:00.95	MINORU FUKUI	JPN	13:40.53	CASPAR HAUPT	CAN
3:34.21	ZENJI NAKAHARI	JPN	1:26.39	WILLARD LAMB	USA	5:08.33	JOHN CRANCH	USA	15:54.04	VLADIMIR OUCHAKOF	USA
3:56.35	ROLF STELLRECHT	GER	1:39.43	JURGEN SCHMIDT	USA	5:09.57	ANTONIO FIGUERO	ESP	*****		
4:07.85	THOMAS MAINE	USA	1:43.45	JAMES DETAR	BRA	50 M.	BRST		M E N 90-94		
4:13.06	CHARLES URSTADT	USA	1:46.67	KAIZO WATANABE	JPN	52.72	G EDWARD RUDLOFF	USA	*****		
4:21.22	WATARU ASAOKA	JPN	1:47.08	SHIGEMASA OKAJIMA	JPN	53.63	H.REITEMEYER	GER	50 M.	FREE	
4:24.91	ROBERT CUNNINGHAM	USA	1:48.41	RENATO SALATI	RSA	54.42	TAKESHI YASUKAWA	JPN	44.87	GEORGE CORONES	AUS
4:26.38	MANOEL COSTA	BRA	1:48.68	MINORU FUKUI	JPN	55.77	H.SCHEULEN	GER	49.59	NILS FERM	SWE
4:31.24	JAMES GREEN	GBR	1:50.68	SEITA INAYOSHI	JPN	56.26	ALFRED SCHULHOF	CAN	52.93	SHOICHI SAKAMOTO	JPN
4:32.76	F.HUBNER	GER	1:50.93	JULIUS FEICHT	GER	57.39	KOSAKU ASADA	JPN	59.54	TOM HAVER	USA
4:33.97	BIFF LOWRY	USA	200 M.	FREE		57.74	LUDWIG GEBURZI	GER	1:02.28	JEAN LEEMPUT	FRA
50 M.	FLY		3:26.54	WILLARD LAMB	USA	59.02	M.FURUKAWA	JPN	1:04.46	JOHN MERRILL	USA
42.66	SILVANO DANIELI	ITA	3:28.66	JURGEN SCHMIDT	USA	59.69	SEITA INAYOSHI	JPN	1:07.03	AKIRA MATSUNO	JPN
42.71	TOSHIO TAJIMA	JPN	4:00.84	KAIZO WATANABE	JPN	59.70	ISAO FUNAMOTO	JPN	1:08.45	WALTER KELLER	USA
43.06	TAMON YOSHIDA	JPN	4:11.90	KATSUZO SHIRAYAMA	JPN	100 M.	BRST		1:10.85	F.GIANNETTA	ITA
43.48	FRANK PIEMME	USA	4:11.94	JULIUS FEICHT	GER	2:04.70	TAKESHI YASUKAWA	JPN	1:11.29	HOWARD HOLMES	NZL
44.83	GERHARD GIERA	GER	4:19.48	MINORU FUKUI	JPN	2:08.25	H.REITEMEYER	GER	100 M.	FREE	
46.35	KARL HAUTER	GER	4:24.19	PETER LOFTS	CAN	2:09.91	SEITA INAYOSHI	JPN	1:47.56	GORO KOBAYASHI	JPN
50.24	MINORU NAGASHIMA	JPN	4:29.33	RENATO SALATI	RSA	2:10.06	G EDWARD RUDLOFF	USA	2:00.58	NILS FERM	SWE
50.32	THOMAS MAINE	USA	4:29.58	OLE LARSON	USA	2:12.33	KATSUZO SHIRAYAMA	JPN	2:03.03	RYUJI FUJIKAWA	JPN
51.01	FRITZ KRUGER	GER	4:33.29	ANGEL GALDO	ESP	2:15.79	ISAO FUNAMOTO	JPN	2:14.44	TOM HAVER	USA
52.29	BRUNO HAMPEL	GER	400 M.	FREE		2:17.22	ALFRED SCHULHOF	CAN	2:19.42	JOHN MERRILL	USA
100 M.	FLY		7:17.57	WILLARD LAMB	USA	2:21.94	JURGEN SCHMIDT	USA	2:23.74	JEAN LEEMPUT	FRA
1:46.68	SILVANO DANIELI	ITA	7:24.82	JURGEN SCHMIDT	USA	2:38.07	J. STEEN	AUS	2:32.31	AKIRA MATSUNO	JPN
1:52.43	THOMAS MAINE	USA	9:20.23	PETER LOFTS	CAN	200 M.	BRST		2:33.65	AUSTIN NEWMAN	USA
1:53.57	MINORU NAGASHIMA	JPN	9:25.87	MINORU FUKUI	JPN	4:40.49	H.REITEMEYER	GER	2:37.07	JOHN HARRISON	GBR
1:54.05	KARL HAUTER	GER	9:32.49	K.MROWCZYNSKI	POL	4:50.45	SEITA INAYOSHI	JPN	2:44.15	WALTER KELLER	USA
2:08.78	DONALD HUBBARD	USA	9:36.52	OLE LARSON	USA						



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2008

200 M. FREE		2:00.47	EUGENE LEHMAN	CAN			DEBBIE CAVANAUGH		
5:09.50	TOM HAVER	USA	100 M. BACK		GOTEBORG SIM	SWE	1:54.68	PAIGE MOORE	
5:25.50	AUSTIN NEWMAN	USA	2:37.26	KAZUNAGA AKUTSU	JPN	ANNA ERICSON		SPENCER	GBR 2:07.83
6:28.78	HOWARD HOLMES	NZL	50 M. BRST		MALIN OLSSON				
7:11.65	ALLEN FARDIE	USA	1:48.68	MARTIN SCHMIDT	GER	ANNA JENSENL		BLACKTOWN CITY	AUS 2:08.61
9:22.36	JEAN STORZ	FRA	2:58.58	EUGENE LEHMAN	CAN	MALIN NILSSON		LYNETTE STEVENSON	
400 M. FREE			50 M. FLY		BOULOGNE-BILLAN	FRA	1:54.94	KIM BRENNAN	
9:35.35	NILS FERM	SWE	3:02.06	EUGENE LEHMAN	CAN	SANDRA BOUCHIER		CLARY MUNNS	
9:56.59	JOHN MERRILL	USA	100 M. FLY		KARINE JANNOY			MICHELLE VARKER	
800 M. FREE			6:04.41	WALTER PFEIFFER	USA	CAROLINE MATHIAS		SOIK HELLAS	SWE 2:09.15
18:36.25	NILS FERM	SWE	200 M. I.M.		SOPHIE MORDANT			HARRIET BURE	
50 M. BACK			9:50.55	WALTER PFEIFFER	USA	CAMPBILL EDWARD	GBR	1:55.37	MARGARETA RAINER
52.49	GORO KOBAYASHI	JPN	400 M. I.M.		KENILWORTH	GBR	1:55.57	BIRGITTA OLOFSSON	
57.36	NILS FERM	SWE	21:03.17	WALTER PFEIFFER	USA			MARJA HAGLUND	
57.94	TOM HAVER	USA						RYOGOKU KINGYO	JPN 2:09.25
1:00.14	JOHN MERRILL	USA	*****		EBSC	CAN	1:56.81	HITOMI MATSUDA	
1:05.72	JEAN LEEMPUT	FRA	M E N 100-104		VICTORIA NAESS			SHIZUKO HIRAISHI	
1:08.25	JOHN HARRISON	GBR	*****		VALERIE HADD			JUNKO SATO	
1:09.50	RUSS WITTE	USA	50 M. FREE		NINA WALLER			MİYOKO OKAYASU	
1:15.00	TOMIO MURASATO	JPN	2:07.41	HANS HAHN	GER	ANNELLE HARMER		CITY OF DERBY	GBR 2:09.46
1:36.68	ROMAN JEZEK	CAN	50 M. BACK		GLOUCESTER	GBR	1:58.44		
100 M. BACK			2:09.37	HANS HAHN	GER			STOCKHOLM	SWE 2:10.47
1:56.82	GORO KOBAYASHI	JPN	100 M. BACK		BURL	CAN	1:58.45	A. ARKTOFT	
2:11.03	JOHN MERRILL	USA	5:01.82	HANS HAHN	GER	SANDRA JUDD		CATHRINE MILD	
2:15.04	TOM HAVER	USA			COLLEEN CHIKI			DIANA SUNDIN	
2:18.38	TOSHIJI SATO	JPN			PATRA HANEBERRY			A. BRYNGELSSON	
2:30.21	JEAN LEEMPUT	FRA	*****		JENN KERR			SUSSEX	GBR 2:11.29
2:38.68	JOHN HARRISON	GBR	RELAYS: WOMEN 200 M. FREE						
2:52.08	JOHN WHITE	USA	*****		AGE 160-199			ETWALL	GBR 2:12.41
2:57.57	JACK LACEY	AUS	AGE 100-119		EMSC	CAN	1:54.03		
3:12.16	RYUZO KADONO	JPN	GB POLICE	GBR	1:51.17	SIUBHAN DRINNAN		AGE 240-279	
3:32.05	JACK MATHIESON	AUS				GAIL MCGINNIS		MSBC	CAN 2:14.82
200 M. BACK			MVN	USA	1:52.65	CHRISTINE HANSLER		AVILA RHODES	
4:38.42	JOHN MERRILL	USA	KELSEY MULLER			JANET CATHRO		ELIZABETH SMITH	
5:04.71	TOM HAVER	USA	REBEKAH OLSEN			WCM	USA	1:56.03	JOAN PARNELL
8:34.23	JACK MATHIESON	AUS	CYNTHIA LEWIN			DEBBIE SANTOS		SARAH MACDONALD	
50 M. BRST			LINDSEY HARTMAN			PAULA ROEMER		SPENCER	GBR 2:15.91
1:01.97	HIROMU YOSHIMOTO	JPN	CLUB DES NAGEUR	FRA	1:54.96	LISA WARD			
1:02.62	GEORGE CORONES	AUS	AURELIA BARRAUD			ALISON ZAMANIAN		ISLAND TAKATSUK	JPN 2:21.20
1:07.60	RUSS WITTE	USA	DELPHINE DEBBIA			SDSM	USA	1:58.37	NOBUKO NITTA
1:24.19	ROMAN JEZEK	CAN	VANESSA STOSSEL			K. PIPES-NEILSEN		KAZUE OZAKI	
1:29.85	JACK MATHIESON	AUS	SONIA PORZIEMSKY			ANNETTE BERNIER		MICHIKO OTO	
1:30.07	WALTER KELLER	USA	USG	DEN	1:56.82	CHRISTINA MCCALL		HISAKO SATO	
1:53.51	F. GIANNETTA	ITA				CATHERINE LIANG		SUSSEX	GBR 2:22.89
100 M. BRST			NTMC	CAN	1:56.89	NOVA	USA	1:58.41	
2:23.92	RUSS WITTE	USA	MARIJANA PRIMORAC			EMILY ODGERS		KONAMI SANDA	JPN 2:26.15
2:33.12	GEORGE CORONES	AUS	ALISON VIGEANT			JULIA JULIUSSON		YOSHIKO MUKOYAMA	
3:25.66	JACK MATHIESON	AUS	SARAH BURKE			SUSANNE SIMPSON		HISAKO SHIRAHIGE	
3:26.21	WALTER KELLER	USA	SARAH JUNG			AHELEE SUE OSBORN		KAZUKO NOTO	
200 M. BRST			OTTER	GBR	1:58.42	TABY SIM	SWE	1:58.51	IKUKO MEGA
5:44.96	RUSS WITTE	USA				ANNICA ABERG		MAINICHI MSC	JPN 2:28.09
7:05.38	WALTER KELLER	USA	CMNQ	CAN	2:00.34	UHLANDER-LINDBOR		KEIKO YAMADA	
7:23.01	JACK MATHIESON	AUS	EMMANUELA RUEL			ERIKA ERICSSON		HARUMI SUGIMOTO	
100 M. I.M.			MILENE ARSENAULT			G. RASMUSSEN		HIROKO KAYAMORI	
2:41.51	RUSS WITTE	USA	NATHALIE BELAND			MESC	USA	1:59.16	MAYUMI TANABE
*****			NATHALIE BERGERON			CHERYL DALY		HAKUYO S	JPN 2:29.83
*****			BIRMINGHAM	GBR	2:00.49	BETH FRIES		KAZUYO OHAMA	
*****			CITY SOUTHAMPTO	GBR	2:00.78	MARY ESTABROOK		KEIKO KADOKURA	
*****						JESSICA KNIGHT		SETSUKO SUZUKI	
50 M. FREE			ST ALBANS	GBR	2:01.67	KENILWORTH	GBR	1:59.36	MIDORI NOMURA
1:00.72	KAZUNAGA AKUTSU	JPN				BARNET COPTHALL	GBR	1:59.63	OAHU CLUB
1:19.79	JARING TIMMERMAN	CAN	SFOY	CAN	2:01.67				JPN 2:30.72
1:40.29	EUGENE LEHMAN	CAN	NANCY THIBAUT			NTMC	CAN	2:00.04	RITSUKO SUGIMURA
100 M. FREE			MARIE BEAURIVAGE			ZUSANNA SAMKOVA		KIYOKO UCHIDA	
2:21.30	KAZUNAGA AKUTSU	JPN	JEANNE LAVOIE			JUDY GARAY		REIKO EGUCHI	
2:54.14	JARING TIMMERMAN	CAN	CATH MARTINEAU			G. GRAVELINE		KAORU HATANO	
4:05.43	EUGENE LEHMAN	CAN				KATIE OSBORNE		TEAM FURINKAZAN	JPN 2:31.55
200 M. FREE			AGE 120-159			FORRES	GBR	2:00.12	RURIKO NAMIKI
8:12.83	EUGENE LEHMAN	CAN	OTTER	GBR	1:50.72				YOKO ARAKI
400 M. FREE			LLOU	CAN	1:52.06	AGE 200-239			KIYOMI KOBAYASHI
16:31.48	EUGENE LEHMAN	CAN	NADINE ROLLAND			TRAFFORD METRO	GBR	2:02.06	KATSUKO MATSUMOTO
800 M. FREE			K. MCILWAIN						KSG HOFU
32:46.93	EUGENE LEHMAN	CAN	MELISSA NEPTON			GOLD	USA	2:03.44	JPN 2:34.03
50 M. BACK			GABRIELLE BRUNEAU			PAT SARGEANT		SADAKO KUBO	
1:07.67	KAZUNAGA AKUTSU	JPN	USG	DEN	1:52.81	PEGGY MCDONNELL		KUMIE TOKUDA	
1:32.01	MARTIN SCHMIDT	GER						YOSHITKA HOSHIO	
1:41.26	JARING TIMMERMAN	CAN						CHISATO ADACHI	



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AGE 280-319			REBEKAH OLSEN						
JUEI CLUB	JPN	2:44.61	LINDSEY HARTMAN					SUSSEX	GBR 2:25.78
TERUKO NISHISAKO			SFOY	CAN	2:10.96	AGE 160-199		BLACKTOWN CITY	AUS 2:27.06
MIEKO KAMOSHITA			ANNE MARTINEAU			EMSC	CAN	CLARY MUNNS	
SETSUOKO KOBAYASHI			MARIE BEAURIVAGE			CHRISTINE HANSLER		KIM BRENNAN	
MIYOKO IMURA			JEANNE LAVOIE			GAIL MCGINNIS		MICHELLE VARKER	
BIG S SUNWAY	JPN	2:45.64	NANCY THIBAUT			SIUBHAN DRINNAN		M. STONEHOUSE	
SHOKO YONEZAWA			CLUB DES NAGEUR FRA	2:11.65		JANET CATHRO		GOLD	USA 2:27.18
MASAE KURATA			SONIA PORZIEMSKY			KENILWORTH	GBR	MAUREEN HUGHES	
SONOE WATANABE			AURELIA BARRAUD				2:12.33	PEGGY MCDONNELL	
MIZUE SHIGEKAWA			DELPHINE DEBBIA			VIC	CAN	KARAGEORGES-SHARP	
HAKUYO S	JPN	2:51.22	VANESSA STOSSEL				2:12.37	LYDIA SEIER	
KIMIKO YOSHINAGA			CMNQ	CAN	2:14.74	CINDY MABEE		AGE 240-279	
NATSUMI YOKOYAMA			EMMANUELA RUEL			DANIELLE BRAULT		OREG	USA 2:41.53
TOMIKO SESHIMO			NATHALIE DAOUST			SARAH MCDONALD		BARBARA FRID	
FUMIKO NAKAMURA			NATHALIE BELAND			AVILA RHODES		GINGER PIERSON	
HARUOKA KUMAMOT	JPN	2:56.04	NATHALIE BERGERON			CAMPBILL EDWARD GBR	2:12.49	JOY WARD	
HISAKO HARADA			DOUBLE PLAY	JPN	2:15.83	SEASIDE PIRATES AUS	2:14.03	SANDI ROUSSEAU	
SHOKO YAMADA			KUMIKO ASO			NOEMI DOMONKOS		OTSU SWIM C	JPN 2:49.93
SHOKO SHIUCHI			SAYURI NAKAGAWA			RACHEL IRELAND		JUNKO IWAMI	
AKIMI MATSUYAMA			RIE SHINGU			CHRISTY CLARK		KEIKO TSUJI	
OSK SC	JPN	2:57.05	YUKAKO HOSOKAWA			CATHY CODLING		MASAKO AKITA	
HIROKO YAMAMOTO			LSD	CAN	2:17.73	TABY SIM	SWE	MASUNO MASUDA	
SATOKO KAWATA			LAURA NICHOLS			UHRLANDER-LINDBOR		HAKUYO S	JPN 2:50.35
SUZUKO TAKEMURA			KRISTY CORLEY			LILLIE LARSSON		KEIKO KADOKURA	
MICHIE DOI			BAILEY SALMON			ERIKA ERICSSON		MASAKO NISHIDE	
C.R ICARAI	BRA	2:58.21	LISA CHIN			G.RASMUSSEN		CHIYOMI GEMBA	
HERILENE FREITAS			CA L'HAY-LES-RO FRA	2:17.80		AURO	CAN	KAZUYO OHAMA	
SANDRA PEREIRA			SOPHIE QUINET			NANCY BLACK		KSG HOFU	JPN 2:50.39
SONIA SARAIVA			MARIE CARSEL			CRYSTAL DRUMMOND		YOSHIKA HOSHIO	
ISSA FUKUI			CARINE DOQUETON			KATHY MCKNIGHT		KUMIE TOKUDA	
FITTA MATSUYAMA	JPN	3:00.63	ANNE CECILE REINE			JULIA FREIXA		CHISATO ADACHI	
MEGUMI MATSUDA			USG	DEN	2:19.05	LAGARDERE PARIS FRA	2:18.35	SADAKO KUBO	
NAOKO ISHIKAWA			ST ALBANS	GBR	2:19.09	SYLVIE ALLERY		VSA SETA	JPN 2:51.94
MASARU OHASHI			SENS NATATION	FRA	2:20.03	STEPHANIE KATLAMA		MASAKO ONO	
KAZUKO NISHIJIMA			CELINE GAUTHE			NANCY MARCHAND		CHIEKO NAKANISHI	
KENILWORTH	GBR	3:00.97	SOLENE PUTAUD			N.TOPOLANSKI		TOSHIKO TASUKI	
C.R ICARAI	BRA	3:01.73	SANDRINE PACAUD			CLIP	CAN	KIYOKO FUJII	
MARLENE MENDES			MAGGY BAUDIN			LISA DIXON-WELLS		OSK SC	JPN 2:52.56
VERA FIGUEIREDO			AGE 120-159			KATHY HILLAND		KIKUKO SAITO	
MARIA AMORIM			OTTER	GBR	2:03.17	LISA SIEMENS		HIROKO TAKAMI	
HERILENE FREITAS			USG	DEN	2:06.67	SHELLEY WEARMOUTH		MICHIE DOI	
IBARAKI SC	JPN	3:04.90	LLOU	CAN	2:07.60	BOULOGNE-BILLAN FRA	2:18.38	CHIKAKO MANABE	
HIROKO OTANI			NADINE ROLLAND			CLAIRE LE NAIL		ISLAND TAKATSUK	JPN 2:52.73
SUMIKO TSUJII			MELISSA NEPTON			CECILE ROUCHON		NOBUKO NITTA	
ATSUKO UESHIMA			KRISTINA MCILWAIN			KARINE JANNOY		YOSHIKO BAMBA	
MISAKO SHIMIZU			GABRIELLE BRUNEAU			PATRICIA CHAPLET		MICHIKO OTO	
AGE 320-359			CAMPBILL EDWARD GBR	2:07.94		AGE 200-239		TEIKO ONO	
SOIK HELLAS	SWE	3:06.15	GOTEBORG SIM	SWE	2:09.31	MSBC	CAN	MAINICHI MSC	JPN 2:52.76
KERSTIN GJORES			MALIN NILSSON			LYNN YEARWOOD		KEIKO YAMADA	
MARIANN GRANE			ANNA JENSEN			AVILA RHODES		TOSHIE YOSHIDA	
EVA-BRITT WIDAH			MALIN OLSSON			SARAH MACDONALD		MAYUMI TANABE	
BRITT GRILLI			ANNA ERICSON			ELIZABETH SMITH		HIROKO KAYAMORI	
NORTH LODGE	AUS	4:11.90	KENILWORTH	GBR	2:09.39	GERM	USA	VSA SETA	JPN 2:53.96
GRACE DAY			BOULOGNE-BILLAN FRA	2:10.92		L.PELT-DILLER		TOSHIKO TASUKI	
TRUDY BULLIVANT			MARIE PLANCON			AMY COOLEY		MASAKO ONO	
HAZEL GILLBEE			CAROLINE MATHIAS			JEANNE LAPPIN		TSUNEO UEDA	
SHIRLEY MALCOLM			SANDRA BOUCHIER			KAREN COSGROVE		KIYOKO FUJII	
WCM	USA	4:46.47	SABRINA COT			STOCKHOLM	SWE	VSA HIRAKATA	JPN 2:56.72
PATRICIA PREVETZ			NORTH SYDNEY	AUS	2:12.54	MARGIT OHLSSON		KYOKO NAITO	
DIXIE GERMOLUS			CHRISTINA ECHOLS			A.BRYNGELSSON		YURIKO IIDA	
JAE HOWELL			LOUISE STEVENSON			HELEN ALLSTADIUS		NORIKO TERADA	
BARBARA OWENS			GILLIAN O'MARA			DIANA SUNDIN		KEIKO ENDO	
MICH	USA	4:56.76	MELISSA BEAMS			VIC	CAN	AGE 280-319	
EDITH GLUSAC			BURL	CAN	2:12.79	CMSC	CAN	SOIK HELLAS	SWE 2:59.82
LAURA GOGOLA			PETRA HANEBERRY			JANIE MCCALL		KERSTIN GJORES	
CLARA EARLY			SANDRA JUDD			RENE STARRATT		BARBRO FLODSTROM	
LOIS KIVI NOCHMAN			COLLEEN CHIKI			JEANNE CARLSEN		HARRIET BURE	
*****			JENN KERR			SUSAN HILL		BRITT GRILLI	
RELAYS: WOMEN 200 M. MEDLEY			SWINDON	GBR	2:13.50	RYOGOKU KINGYO	JPN	BIG S SUNWAY	JPN 3:07.39
*****						JUNKO SATO		SHOKO YONEZAWA	
AGE 100-119						HITOMI MATSUDA		YUKO SAKAGAMI	
MVN	USA	2:06.38				SHIZUKO HIRAISHI		MIZUE SHIGEKAWA	
KELSEY MULLER						MIYOKO OKAYASU		MASAE KURATA	
CYNTHIA LEWIN						TRAFFORD	GBR		



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2008

SWIM 100 KYOTO JPN 3:09.33	LAURENT VAYTET	CIA ATHLETICA BRA 1:40.48	MITSUO HIRASAWA
KAZUKO TAGUCHI	ANDREI TOMA	GUSTAVO FARIA	SADAO SAJIKI
KEIKO HONDA	HAFID BOUSNANA	DANIEL SPERB	SEIKO OKAZAKI
AKIKO NISHIDA	BOULOGNE-BILLAN FRA 1:40.93	RICARDO PADILHA	HIROSHI NONAKA
CHIE TANI	BENOIT FERRY	HELIO CELIDONIO	M.N MOLHACAO BRA 1:59.22
MSBC CAN 3:10.70	R.DELEPOULLE	CLUB DES NAGEUR FRA 1:41.01	ONDAMAR SILVA
JOAN PARNELL	FRANCK DUDOUET	INGO RIEDERER	JOSE MONDELO
EULAH VARTY	ALEXIS TANNIOU	PASCAL HEBANT	OTAVIO ABRANTES
COLLEEN NELSON	CNMN CAN 1:41.44	OLIVIER CLAYER	MARCO FAZZANI
CONNIE STAMHUIS	BRUNO TAILLEFER	PASCAL MOREAU	MSBC CAN 1:59.44
HAKUYO S JPN 3:16.49	NELSON GIRARDO	BARNET COPTHALL GBR 1:41.12	GLEN MEHUS
MITSUKO HAYASHI	DOMINIC CHEVIGNY	SUSSEX GBR 1:41.15	ROD CARMICHAEL
SUMIYO YASUMOTO	SIMON POITRAS	SK LAXEN SWE 1:41.30	JOHN GRAVE
FUMIKO NAKAMURA	CN COURRIERES FRA 1:41.50	ST ALBANS GBR 1:41.43	MICHAEL STAMHUIS
SACHIKO SATO	QUENTIN DELSAUX		SUSSEX GBR 1:59.96
HARUOKA KUMAMOT JPN 3:20.10	SEBASTIEN CORSIN		MARION AUS 2:00.29
SHOKO SHIUCHI	XAVIER FOURE		BRONTE EDWARDS
AKIMI MATSUYAMA	YANNICK RIVET		MICHAEL GRAY
SHOKO YAMADA			RON HARDIE
HISAKO HARADA	AGE 120-159		IAN YOUNG
HACHIOJI SC JPN 3:25.04	SWINDON GBR 1:35.34	AGE 200-239	C.P MORUMBY BRA 2:00.38
ASAKO MIYAKE		MICH USA 1:43.98	DOUGLAS ALPINO
KATSUKO SETO	SC THIONVILLE FRA 1:35.70	SCOTT TYLER	RICARDO YAMIN
YAYOI KANAZASHI	STEPHANE MEYER	GARY BICE	PAULO MOTTA
YASUKO KOBAYASHI	JEROME LEPRINCE	DAVID DALE	IVAN NAZARENKO
MAINICHI MSC JPN 3:26.09	CEDRIC MEYER	MIKE SCHMITZ	TOSUIKAI JPN 2:00.69
IKUKO SEKIGUCHI	ADRIAN VISINESCU	TRAFFORD METRO GBR 1:44.44	YONEZO KOBAYASHI
NORIKO YATSUNAMI	TECH CAN 1:36.87	BOULOGNE-BILLAN FRA 1:45.99	SABURO UNNO
HARUMI SUGIMOTO	GERRY PARENTI	ABED OUADAH	HARUKI KOYAMA
TSURUYO TANAKA	SCOTT DICK	LAHOUARI AFANE	NORIO KOBAYASHI
VMST USA 3:27.61	LOUIS BONNEAU	ERIC EMINENTE	SDSM USA 2:00.74
MARCIA BARRY	STEVE OLIVA	OLIVIER FAYOLLE	MARK WUSSLER
JOHNNIE DETRICK	GENTOFTE DEN 1:37.51	STOCKHOLMSPOLIS SWE 1:46.36	FRANK WILLIAMS
SUSAN MARENS	USG DEN 1:38.22	JOAKIM SJOHOLM	JORGE MARTINEZ
TERRY SOKOLIK		JEFF LEE	HARRY DUFFIELD
C.R ICARAI BRA 3:27.77		NILS WAHLBERG	
	STOCKHOLMS KK SWE 1:38.53	HAKAN BENGTTSSON	
	NIKLAS EGMAR	TABY SIM SWE 1:46.37	AGE 280-319
AGE 320-359	MATS NORLIN	DMITRI KHODKO	SDSM USA 2:00.82
MICH USA 5:11.32	JENS PETERSSON	BENGT OLSSON	MIKE FRESHLEY
EDITH GLUSAC	PETER SEGERLUND	J.SARACCO	DALE WEBSTER
LAURA GOGOLA	M.N MOLHACAO BRA 1:38.58	HARAL KRUGER	PETER ANDERSEN
CLARA EARLY	THIAGO PINTO	AURO CAN 1:46.88	VINUS VAN BAALEN
LOIS KIVI NOCHMAN	RAPHAEL VIEIRA	DAVE WILKIN	SOIK HELLAS SWE 2:02.89
*****	FABIO DUAILIBE	SIMON MEREDITH	ERIC FORSLUND
RELAYS: M E N 200 M. FREE	LEANDRO ARRUDA	DAVE FREEMAN	ANDERS SODERQVIST
*****	GOLD USA 1:39.05	DAN THOMPSON	INGVAR ERIKSSON
AGE 100-119	ROBERT RIVERA	GLOUCESTER GBR 1:47.15	PETER BERGEGREN
CLUB DES NAGEUR FRA 1:34.09	ROGER STOUTT	MESC USA 1:47.80	BIG S SUNWAY JPN 2:07.56
L.DIAS DA FONSECA	RODRIGO CORCHO	MICHAEL ROSS	SADAO TERADA
MATHIEU PICQ	LUIS COMULADA	DOUGLAS PRIDE	TETSUO NAKAMARU
NENAD LOVRIC	CITY OXFORD GBR 1:39.23	DALE SYPHERS	TAKAHIKO NOMA
AURELIEN GONZALEZ	PSV NED 1:39.62	DAVID VAIL	KENJI YASUDA
NOTTINGHAM GBR 1:36.30	STEFAN OOSTING	SG GLADBECK GER 1:47.81	BIRMINGHAM GBR 2:11.38
SO MILLAU N FRA 1:38.34	HAROLD MATLA	DIRK MISIA	HAKUYO S JPN 2:12.81
PIERRE RABAT	FRED KETTING	PETER KAUCH	TOSHIMI INATOMI
SEBASTIEN SUDRE	RONALD SMITS	ANDREAS KAPTUR	TOSHIYASU INUKAI
PASCAL GUIBERT		HELMUT RICHTER	KATASHI AOKI
MORGAN CHENY	AGE 160-199	REAL CANOE NC ESP 1:47.95	K.MOCHIZUKI
SAKE JPN 1:39.37	TXLA USA 1:35.44	PABLO BARRO	ISLAND TAKATSUK JPN 2:18.63
T.MIYAJIMA	TYLER BLESSING	LUIS MARTINEZ	MAKOTO OKABAYASHI
KAZUYA KAWAGUCHI	MIKE VAROZZA	FELIPE AREVALILLO	TETSUYA YAMAMOTO
KAZUHIRO SHIMIZU	ANDERS RASMUSSEN	CARLOS VALLEJO	KIHEI YOSHIMURA
JUNYA TANIOKA	M.STINCHCOMBE		KIYOJI AMANO
CAPN CAN 1:39.94	SCAQ USA 1:35.52	AGE 240-279	KONAMI IKOMA JPN 2:20.46
MATHIEU HEROUX	ERIK HOCHSTEIN	GOLD USA 1:51.57	SEIICHIRO OTSUKA
A.BOULANGER	DAVID ANDRIOLE	DAVID QUIGGIN	HIROYUKI SATO
SEBASTIEN POULIN	CHRISTOPHER BEACH	GEORGE SCHMIDT	NORIJI MURATA
A.PICHETTE	DAN WEGNER	CAV CAVANAUGH	MASAMICHI OGAWA
NEM USA 1:40.81	TABY SIM SWE 1:39.85	JOE WOTTON	SHIKOKU PRESTO JPN 2:21.78
STEPHEN SULLIVAN	AC DA PRAIA BRA 1:40.15	SOIK HELLAS SWE 1:57.02	ZENJI NAKAHARI
JOHN GRUBB	MARCELO CRUZ	ROLF TEGEBACK	YASUSHI MORIMOTO
S.NEUMAYER	ROBERTO SILVA	OLLE BUREBO	MASARU OKAMOTO
JOHN KELLEHER	ALEXANDRE REIS	BENGT FURBERG	KATSUMI ISHII
US LE PONTET FRA 1:40.88	LEANDRO OKUDA	BO FOGELBERG	ONOMICHI MDC JPN 2:23.62
SYLVAIN JOSEPH		HAKUYO S JPN 1:57.26	SHOSAKU SHIMIZU



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2008

MASAYUKI NAKAHARA MASUHISA SUZAWA JOJI OSHIMA SDSM USA 2:24.64 FEDERICO SICARD TOM MITCHELL DONALD HUBBARD DANIEL HENRY	ANDREI TOMA CNMN CAN 1:52.98 BRUNO TAILLEFER MARC VAILLANCOURT DOMINIC CHEVIGNY SIMON POITRAS CMDG CAN 1:53.35 FRANCIS LANGLOIS FRANCOIS BERNIER PATRICK LALIBERTE JEAN LUC BERNIER	FRANCK DUDOUET JEAN MELLADO ERIC EMINENTE OLIVIER FAYOLLE CAMPBILL EDWARD GBR 1:53.40 BARNET COPTHALL GBR 1:53.95 SUSSEX GBR 1:54.11 TABY SIM SWE 1:54.31 SWINDON GBR 1:54.63 AGE 200-239 AURO CAN 1:55.39 GARY HAMILTON DERRICK HAMILTON DAVE WILKIN DAVE FREEMAN CWC MAEBASHI JPN 1:56.84 HIROSHI SHIBUYA MASAAKI OTSUKI SHUJI MIYATA FUMIO SHIGENO SCAQ USA 1:58.60 DOUG KAJIWARA DAN LEONARD BRAD MAGIT CHRIS WALL NTMC CAN 1:58.85 TABY SIM SWE 1:59.71 JARI DAHL DMITRI KHODKO J.SARACCO BENGT OLSSON SODERTALJE SS SWE 1:59.72 VEIKKO MATTOLA RONNY OLTNER TOMAS LINDGREN JAN BLOMGREN SG GLADBECK GER 2:00.61 DIRK MISIA PETER KAUCH ANDREAS KAPTUR HELMUT RICHTER DCAC USA 2:02.07 ROBERT HARTFORD JOSE CUNNINGHAM KIERAN KELLEHER JEFFREY MEAD REAL CANOE NC ESP 2:02.41 CARLOS VALLEJO LUIS MARTINEZ PABLO BARRO FELIPE AREVALILLO TOULOUSE AC FRA 2:03.34 PHILIPPE HERVE OLIVIER BORIOS MICHEL MANUECO R.DOBBELMANN	ALLEN STARK MIKE TENNANT DAVID RADCLIFF CN MARSEILLE FRA 2:10.95 THIERRY CHANOINE PATRICK LUSIEN GEORGES KOESSLER MICHEL ZASS SYSM USA 2:11.71 DEAN DYE BILL KELLEY KEVIN MCCORMACK RICK WALKER MSBC CAN 2:12.64 MICHAEL STAMHUIS PETER BELL STEVE WALLACE ROD CARMICHAEL BOULOGNE-BILLAN FRA 2:12.83 ABED OUADAH DUNCAN MCCREADIE LAHOUARI AFANE P.FONQUERNIE FLUMINENSE F.C BRA 2:16.48 SUSSEX GBR 2:17.62 BIRMINGHAM GBR 2:17.87 AGE 280-319 SDSM USA 2:15.49 VINUS VAN BAALEN PETER ANDERSEN MIKE FRESHLEY DALE WEBSTER SOIK HELLAS SWE 2:21.36 ERIC FORSLUND OLLE BUREBO PETER BERGENGREN ANDERS SODERQVIST BIRMINGHAM GBR 2:24.01 MANLY MASTERS AUS 2:31.26 BARRY SEYMOUR TONY GOODWIN GARY STUTSEL DAVID LAWLER TEAM FURINKAZAN JPN 2:34.52 SHIGERU HOSAKA AKIRA FUJIMAKI HIROSHI MATSUMOTO NIREI FUKASAWA NAMIHAYA SUIEIC JPN 2:37.28 TSUYOSHI ARAKOMA MITSUO NISHIZAWA TAKUMI SAKATA YASUO ONISHI BIG S SUNWAY JPN 2:37.82 SADAO TERADA TETSUO NAKAMARU TAKEO SHIRAISHI MINORU NAGASHIMA TT OEI MASTERS JPN 2:40.89 MAMPEI SEINO MASATERU ISA T.MIZUGAI YASUO KANAI KONAMI IKOMA JPN 2:43.14 HIROYUKI SATO MASAMICHI OGAWA NORIJI MURATA SEIICHIRO OTSUKA MALVERN MARLINS AUS 2:44.80 BRUCE ALLENDER PATRICK GALVIN PATRICK DEVINE
AGE 320-359 SDSM USA 2:48.26 TOM HAVER FRANK TANNER KEN KIMBALL BOB BEST SAPPORO MST JPN 3:20.34 YOSHIRO OBATA TAMOTSU KAWABATA KANJI FUJIMURA ATSUSHI OURA ESPORTS MASTERS ESP 3:22.66 ANTONIO POL PEDRO GALMES RAFAEL ESCALAS MANUEL PINA IBARAKI SC JPN 3:34.32 KEITARU KOHARU Y.KAWABATA SHIGEJI NISHIDA KENZO UEMURA	AGE 120-159 BRASIL MASTERS BRA 1:43.65 THIAGO PINTO TADEU ALMEIDA ANDRE PESSOTTI ANDRE CORDEIRO SWINDON GBR 1:45.22 UNITED JPN 1:48.48 T.TAKEMURA RYUTARO MORITA TOMOYUKI TANGE SHINGO YOSHINARI SC THIONVILLE FRA 1:48.71 JEROME LEPRINCE F.SCHAEFFER ADRIAN VISINESCU STEPHANE MEYER GOLD USA 1:49.58 ROGER STOUTD COREY WELCH ROBERT RIVERA LUIS COMULADA SOLNA-SUNDBYBER SWE 1:50.11 MIKAEL LENNEHAG CARI-MIKAEL IONN STAFFAN TELL PER SVANBERG STOCKHOLMS SWE 1:50.46 JENS PETERSSON PER NORLIN DANIEL HALDEN ROBERT GRYNNER PSV NED 1:50.52 STEFAN OOSTING HAROLD MATLA RONALD SMITS FRED KETTING KENILWORTH GBR 1:51.18 WITH H JPN 1:51.63 SHINGO SEKIGUCHI TETSUO IWAKI HIROYUKI NAKAMURA AKIRA INADA	AGE 160-199 TXLA USA 1:45.13 ANDERS RASMUSSEN TODD BARTEE TYLER BLESSING MIKE VAROZZA AWR CAN 1:48.78 JEFF WELECHUK TIM SALPETER BARRY SARETSKY BARRY LEWIS TECH CAN 1:51.00 GERRY PARENTI TOM OLIVA SCOTT DICK STEVE OLIVA TRAFFORD METRO GBR 1:52.20 BOULOGNE-BILLAN FRA 1:52.23	AGE 100-119 RECRA BRA 1:47.35 LEANDRO ARRUDA LUCAS GABARRA TADEU ALMEIDA FRANCISCO MENEZ CAPN CAN 1:49.20 A.PICHETTE A.BOULANGER SEBASTIEN POULIN MATHIEU HEROUX AALBORG DEN 1:49.83 CLUB DES NAGEUR FRA 1:50.92 MATHIEU PICQ SID ALI AZOUAGH TOM GODEFROY L.DIAS DA FONSECA GREEN SENSATION JPN 1:51.29 TOMOYA TAKAMI M.MATSUMOTO TAKASHI TATEBE KOKI TANAKA SO MILLAU N FRA 1:51.43 SEBASTIEN SUDRE O.LAMOLINERIE PIERRE RABAT MORGAN CHENY SN LENS FRA 1:52.12 MATTHIEU RETAUX M.OURAGHI C.LHERMILLIER Y.DELONGCHAMPS US LE PONTET FRA 1:52.83 SYLVAIN JOSEPH LAURENT VAYTET HAFID BOUSNANA



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2008

THOMAS CURRIE				CARLOS ALENCAR				B.APPELFELDT-THYL					SOIK HELLAS	SWE	2:22.26
AGE 320-359				MALMO KK	SWE	1:48.23		N.DANCKWARDT-LILL					BENGT FURBERG		
SDSM	USA	3:18.69		JONAS FALK				MARIA DAHLBOM					BRITT GRILLI		
TOM HAVER				THOMAS BRONSON				LARS PETTERSSON					B.HJALMARSSON		
FRANK TANNER				ANNA LOHMANN				ICHIKAWA AC	JPN	1:58.13			PETER BERGENGREN		
TOM MITCHELL				CECILIA KENTELL				KAZUKI YUZAWA					JUEI CLUB	JPN	2:26.30
KEN KIMBALL				BOULOGNE-BILLAN FRA	1:48.26			TAKEO HIRAMOTO					TERUKO NISHISAKO		
ESPORTS MASTERS ESP	3:47.89			REMY DELEPOULLE				YOSHIE HIRAISHI					SHOICHI SHIDA		
ANTONIO POL				SANDRA BOUCHIER				MAYUMI HIRAMOTO					MIYOKO IMURA		
MANUEL PINA				JEAN MELLADO				SUSSEX	GBR	1:59.19			IKURO SHIMONO		
RAFAEL ESCALAS				SOPHIE MORDANT				CAMPBILL EDWARD	GBR	1:59.63			TT OEI MASTERS	JPN	2:27.41
PEDRO GALMES				ETWALL	GBR	1:48.36							KIYOKO KOSUGI		
IBARAKI SC	JPN	3:50.18		BRIGHTON	GBR	1:48.41		RYOGOKU KINGYO	JPN	2:00.14			YASUO KANAI		
KEITARO KOHARU								SHIZUKO HIRAISHI					TERUKO MURAKAMI		
Y.KAWABATA				GRENOBLE MEYLAN FRA	1:48.71			SHIGEO ARAI					MASATERU ISA		
SHIGEJI NISHIDA				CYRIL THIBAUT				HAJIME SHIMURA					HAKUYO S	JPN	2:31.48
KENZO UEMURA				PAILAN JOURY				JUNKO SATO					TOSHIMI INATOMI		
*****				ANTOINE JOURY				VIC	CAN	2:00.53			KIMIKO YOSHINAGA		
RELAYS: MIXED 200 M. FREE				ALICE DE BRUYN				JUDY WOODWARD					SETSUKO SUZUKI		
*****								SARAH MACDONALD					K.MOCHIZUKI		
AGE 100-119				AGE 160-199				KEITH KENDALL					MSBC	CAN	2:33.51
AC BOURGES	FRA	1:43.77		CAMPBILL EDWARD	GBR	1:47.62		RUSS MORGAN					JOHN GRAVE		
ELODIE BEAL													CONNIE STAMHUIS		
C.CLEUZIOU				BARNET COPTHALL	GBR	1:48.40		AGE 240-279					JOAN PARNEILL		
A.BEAL CLEUZIOU								GOLD	USA	1:55.93			PAUL ARSENAULT		
STEPHANE FAVIERE				STOCKHOLM IF	SWE	1:48.49		DEBBIE CAVANAUGH					C.R ICARAI	BRA	2:35.61
AC COMPETITION BRA	1:43.78			JOAKIM SJOHOLM				CAV CAVANAUGH					KONAMI SANDA	JPN	2:39.84
RICARDO WASSALL				JEFF LEE				PAT SARGEANT					SHUNZO YAMANAKA		
DAIANE GARO				HELEN ALLSTADIUS				DAVID QUIGGIN					HISAKO SHIRAHIGE		
ANTONIO GARO				A.BRYNGELSSON				TAM	USA	1:58.18			KAZUKO NOTO		
LIGIA BARREIRO				TECH	CAN	1:48.89		RICHARD BURNS					HIDETAKA ABE		
USG	DEN	1:44.42		S.DELIENCOURT				LAURA VAL					MANLY MASTERS	AUS	2:40.32
GB POLICE	GBR	1:44.94		SCOTT DICK				NANCY RIDOUT					DAWN GLEDHILL		
SO MILLAU N	FRA	1:45.61		JENNIFER MCARTON				TATE HOLT					GLORIA OLDFIELD		
MORGAN CHENY				STEVE OLIVA				STOCKHOLMSPOLIS SWE	2:05.35				DAVID LAWLER		
PIERRE RABAT				NORTH SYDNEY	AUS	1:49.14		MARGIT OHLSSON					TONY GOODWIN		
SABRINA HEBERT				JOHN KAIN				NILS WAHLBERG							
ANNE VELEZ				GILLIAN O'MARA				DIANA SUNDIN					AGE 320-359		
CLUB DES NAGEUR FRA	1:45.71			ALAN GODFREY				HAKAN BENGTSOON					SOIK HELLAS	SWE	3:02.38
MATHIEU PICQ				ISLA HALE				FLUMINENSE F.C BRA	2:07.34				ERIC FORSLUND		
SONIA PORZIEMSKY				EMSC	CAN	1:49.17		GYORGY PAVETTIS					KERSTIN GJORES		
AURELIA BARRAUD				BARRY SARETSKY				MARIA PADILHA					NILS FERM		
TOM GODEFROY				JANET CATHRO				MARCIA SILVA					MARIANNE GRANE		
SWINDON	GBR	1:46.94		SIUBHAN DRINNAN				JOSE FERRAZ					OSBORNE PARK	AUS	3:42.36
BOULOGNE-BILLAN FRA	1:47.34			GRANT ANDRUCHOW				SPENCER	GBR	2:07.81			ELI KITAY		
FRANCK DUDOUET				SCAQ	USA	1:49.69		BIRMINGHAM	GBR	2:07.81			BERLY PATERSON		
CLAIRE DESDOIT				CHRIS WALL				TEAM FURINKAZAN JPN	2:09.51				GLAD CLARK		
CAROLINE MATHIAS				RADA OWEN				AKIRA FUJIMAKI					NORMAN CLARK		
BENOIT FERRY				DANIEL MUTH				RURIKO NAMIKI					SAPORO MST	JPN	3:53.03
OTTER	GBR	1:47.80		JENNY COOK				HIROSHI MATSUMOTO					ATSUSHI OURA		
ARIZ	USA	1:47.88		CITY OXFORD	GBR	1:50.42		KIYOMI KOBAYASHI					NAKA FUKUOKA		
FLORENCIA SZIGETI				VARBERG	SWE	1:50.49		SOIK HELLAS	SWE	2:10.01			SETSUKO NARITA		
WHITNEY WARMAN				BOULOGNE-BILLAN FRA	1:50.64			ROLF TEGBACK					TAMOTSU KAWABATA		
KYLE DAVIS				ERIC HUYNH				MARGARETA RAINER					FMM	USA	3:58.40
JOEL WAINWRIGHT				KARINE JANNOY				HARRIET BURE					PAUL HUTINGER		
AGE 120-159				MARIE PLANCON				BO LJUNGBERG					GLADYS OLSEN		
OTTER	GBR	1:43.49		OLIVIER FAYOLLE				NEM	USA	2:10.87			RUTH HOSKINSON		
USG	DEN	1:46.14						JACKI HIRSTY					ROBERT WILLIAMS		
GB POLICE	GBR	1:47.13		AGE 200-239				THOMAS MANFREDI					SOMERSET	AUS	4:19.22
GOTEBORG SIM	SWE	1:47.48		TRAFFORD METRO	GBR	1:51.67		BILL EWAN					STANLEY BRANDWOOD		
NIKLAS BORG								CATHLEEN SCANLAN					MAXINE HILL		
MALIN NILSSON				TABY SIM	SWE	1:53.71		KONAMI SANDA	JPN	2:10.97			GUY DAVIES		
TORBJORN WOLFFRAM				DMITRI KHODKO				AKIRA FUJIMAKI					JOYCE O'FARRELL		
ANNA ERICSON				ANNICA ABERG				RURIKO NAMIKI					C.R.ICATAI	BRA	4:26.82
MASTER PARANA BRA	1:47.63			J.SARACCO				HIROSHI MATSUMOTO					*****		
LUCIANO DAGOSTINI				G.RASMUSSEN				KIYOMI KOBAYASHI					RELAYS: MIXED 200 M. MEDLEY		
CARLA HORST				AURO	CAN	1:56.70		IKUKO MEGA					*****		
AROMA MARTORELL				DAVE WILKIN				TAMIO TERANISHI					AGE 100-119		
				JUDY IANNUCI				AGE 280-319					AC BOURGES	FRA	1:54.24
				KATHY MCKNIGHT				ISLAND TAKATSUK JPN	2:18.38				C.CLEUZIOU		
				DAVE FREEMAN				KIYOJI AMANO					A.BEAL CLEUZIOU		
				KENILWORTH	GBR	1:57.17		KAZUE OZAKI					ELODIE BEAL		
				BLA SIM & HOPPK	SWE	1:57.19		HISAKO SATO					STEPHANE FAVIERE		
								SHINGO YAMAMOTO					GB POLICE	GBR	1:56.69
								KINGS CORMORANT	GBR	2:22.20					



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2008

SO MILLAU N FRA 1:57.37	SOPHIE MORDANT	RYOGOKU KINGYO JPN 2:14.59	MAMPEI SEINO
ANNE VELEZ	AGE 160-199	SHIZUKO HIRAISHI	MASATERU ISA
SEBASTIEN SUDRE	CAMPBILL EDWARD GBR 1:57.57	HAJIME SHIMURA	KIYOKO KOSUGI
MORGAN CHENY		SHIGEO ARAI	TERUKO MURAKAMI
SABRINA HEBERT	EMSC CAN 1:59.88	JUNKO SATO	SOIK HELLAS SWE 2:54.39
CLUB DES NAGEUR FRA 1:58.80	BARRY SARETSKY	ETWALL GBR 2:14.77	BENGT FURBERG
SONIA PORZIEMSKY	TIM SALPETER		SOLVEIG LUCKHURST
SID ALI AZOUAGH	SIUBHAN DRINNAN	AGE 240-279	ANDERS SODERQVIST
TOM GODEFROY	JANET CATHRO	TAM USA 2:14.24	KERSTIN GJORES
AURELIA BARRAUD	BOULOGNE-BILLAN FRA 2:00.90	RICHARD BURNS	KONAMI SANDA JPN 2:57.56
BOULOGNE-BILLAN FRA 1:59.36	MARIE PLANCON	KENNETH FROST JR	HISAKO SHIRAHIGE
CLAIRE DESDOIT	JEAN MELLADO	LAURA VAL	SHUNZO YAMANAKA
ALEXIS TANNIOU	OLIVIER FAYOLLE	NANCY RIDOUT	HIDETAKA ABE
BENOIT FERRY	SANDRA BOUCHIER	STOCKHOLMSPOLIS SWE 2:21.02	KAZUKO NOTO
CAROLINE MATHIAS	SODERTALJE SS SWE 2:00.93	MARGIT OHLSSON	ISLAND TAKATSUK JPN 2:58.04
CMNQ CAN 1:59.97	ANNA-CARIN NORDIN	A.BRYNGELSSON	KEIKO FUJIMOTO
EMMANUELA RUEL	RONNY OLTNER	NILS WAHLBERG	KIHEI YOSHIMURA
ANTHONY FERRI	TOMAS LINDGREN	HAKAN BENGTSOON	TETSUYA YAMAMOTO
NATHALIE BERGERON	SU SUTCLIFFE	BIRMINGHAM GBR 2:24.22	KIYOKO IKEUCHI
GUILLAUME MOISAN	MESC USA 2:01.04		
OTTER GBR 2:00.59	MICHAEL ROSS	FLUMINENSE BRA 2:24.87	AGE 320-359
	CHERYL DALY	MARIA COSTA	SWIM 100 KYOTO JPN 3:13.26
SDSM USA 2:01.23	DOUGLAS PRIDE	GYORGY PAVETITS	KAZUKO TAGUCHI
MATTHEW PENTLAND	MARY ESTABROOK	MARCIA SILVA	MAKOTO NISHIURA
HEATHER DEFELICE	USG DEN 2:01.20	JOSE FERRAZ	AKIRA ITO
RACHEL ZAPPALORTI		BLACKTOWN CITY AUS 2:26.75	CHIE TANI
NICOLAS KINTZ	SCAQ USA 2:01.67	CLARY MUNNS	JUEI CLUB JPN 3:22.29
VILLEPINTÉ FRA 2:01.39	RADA OWEN	STEPHEN MORRISSEY	KEIJIRO NAKAMURA
B.COULEMBIER	JENNY COOK	BILL DEVENISH	SHOICHI SHIDA
F.LECOLLETER	ERIK HOCHSTEIN	LYNETTE STEVENSON	SETSUOKO KOBAYASHI
V.LAMONTAGNE	DANIEL MUTH	SYSM USA 2:27.58	HANA ENATSU
CINDY GONET	KENILWORTH GBR 2:02.67	CHRIS GILLIGAN	SOIK HELLAS SWE 3:34.31
WCM USA 2:01.60	ARIZ USA 2:03.24	SUZETTE TRAINOR	NILS FERM
SARAH MARSHALL	AL JAEGER	KEVIN MCCORMACK	BARBRO THORNELOF
ANDY NONAKA	SUSAN DAWSON-COOK	JAN SODERSTROM	PETER BERGENGREN
ACACIA CLARK	JEFF DASH	SOIK HELLAS SWE 2:27.99	EVA-BRITT WIDAH
ANDY BROWN	BECKI MAJOR	ROLF TEGBACK	C.R.ICARAI BRA 3:51.78
	CITY OXFORD GBR 2:03.43	MATTHIAS KRONER	WCM USA 4:26.22
AGE 120-159		HARRIET BURE	PATRICIA PREVETZ
OTTER GBR 1:54.98		MARGARETA RAINER	JAE HOWELL
		SUSSEX GBR 2:28.92	A EMORY HAWORTH
SWINDON GBR 1:56.57	AGE 200-239	SPENCER GBR 2:29.99	NORMAN STUPFEL
	TREFFORD METRO GBR 2:07.57		SOMERSET AUS 4:45.66
GOLD RUSH JPN 1:57.37	ICHIKAWA AC JPN 2:09.13	VSA HIRAKATA JPN 2:33.50	MAXINE HILL
KENTARO NAKAMURA	TAKEO HIRAMOTO	NORIKO TERADA	GUY DAVIES
TATSUAKI SHIRATA	Y.WATANABE	SHIGEO MIYOSHI	STANLEY BRANDWOOD
CHIHIO SAITO	YOSHIE HIRAISHI	MIEKO MIZUTANI	JOYCE O'FARRELL
NAHOMI SHIRATA	MAYUMI HIRAMOTO	TAKEKAZU KOTERA	
KVIK STJERNER DEN 1:57.81	TABY SIM SWE 2:10.21		
	G.RASMUSSEN	AGE 280-319	
MASTER PARANA BRA 1:58.26	DMITRI KHODKO	MSBC CAN 2:37.41	
CARLA HORST	ERIKA ERICSSON	JOAN PARNELL	
HUGO DE SOUZA	J.SARACCO	PETER BELL	
AROMA MARTORELL	VIC CAN 2:10.65	AVIL RHODES	
CARLOS ALENCAR	CINDY MABEE	JOHN GRAVE	
MEGALOS HACHIOJ JPN 1:59.63	AVILA RHODES	SDSM USA 2:38.54	
MASAYA TAKATORI	STEVE WALLACE	BETSY JORDAN	
TOMOYUKI HIRAYAMA	ROD CARMICHAEL	BOB BEST	
MAYUMI ISHIKAWA	E.C.PINHEIROS BRA 2:12.96	FRANK WILLIAMS	
KYOKO ONO	GISELE PEREIRA	GYNT CLIFFORD	
M.N.MOLHACAO BRA 1:59.85	DETLEF SCHULTZE	KINGS CORMORANT GBR 2:39.29	
THIAGO PINTO	JOSE GUIMARAES	SPENCER GBR 2:46.60	
RAPHAEL VIEIRA	FLAVIA PRADA	SOIK HELLAS SWE 2:49.78	
SIMONE ASSUGENI	SUSSEX GBR 2:13.07	ERIC FORSLUND	
LIA VILLACA	AURO CAN 2:14.13	BARBRO FLODSTROM	
USG DEN 1:59.96	GARY HAMILTON	INGVAR ERIKSSON	
	PETER HRDLITSCHKA	BRITT GRILLI	
MALMO KK SWE 2:00.44	JANET MITCHELL	KSC OTORI JPN 2:50.26	
RUDI DOLLMAYER	JUDY IANNUCI	SACHIKO TAKEDA	
THOMAS BRONSON	SK NEPTUN SWE 2:14.26	TOSHIO TAJIMA	
ANNA LOHMANN	PIA STRANDH	KIYOKO YONEDA	
CECILIA KENTELL	GLEN CHRISTIANSEN	HIROYASU HAYASHI	
BOULOGNE-BILLAN FRA 2:00.61	ANDERS BERLIN	TT OEI MASTERS JPN 2:51.15	
FRANCK DUDOUET	KERSTIN HARGIN		
DAVID MONGILLON			
KARINE JANNOT			