



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

WOMEN 25-29									

50 M. FREE		100 M. BACK		200 M. FLY		400 M. FREE		800 M. FREE	
26.94 FLORENCIA SZIGETI USA	1:05.78 ELENA PYATOVA RUS	2:23.87 MAYU MURAKAMI JPN	2:29.44 EDITH BELANGER CAN	4:48.51 K.HENNESSEY USA					
27.30 AIMEE RAMM GBR	1:07.79 EVA-MARIA SCHMITT GER	2:29.44 EDITH BELANGER CAN	4:49.39 LAURA VOLPI ITA						
27.53 ZSUZSA CSOBANKI HUN	1:08.35 CARLA HORST BRA	2:34.40 ZSUZSA CSOBANKI HUN	4:49.61 MARCIE HERZOG USA						
27.79 MAI SATO JPN	1:09.50 MARIA HIRSCH GER	2:34.91 VALENTINA BRANDI ITA	4:49.82 M.KAGY-SCHWARTZ USA						
27.86 ALEXA BROWN AUS	1:09.88 EBONY EBENWALDNER AUS	2:35.45 ROOS VAN ESCH NED	4:50.35 KATIE NIMMO GBR						
27.90 MAGALI SCHUSTER FRA	1:09.96 KRIS WILLEY USA	2:35.59 C.KLUETEMEYER GER	4:50.95 KRISTI LEE USA						
27.91 LAURA HOLT USA	1:10.40 NAOMI ARAKAWA JPN	2:36.07 NADINE BRUNS GER	4:51.66 MICHELA MENEGON ITA						
28.01 KATIE BIRCHALL GBR	1:10.87 FLORENCE RIERA FRA	2:37.60 ORIANA BURGIO ITA	800 M. FREE						
28.11 JENNIFER O'REILLY USA	1:11.16 KATIE BIRCHALL GBR	2:37.99 ANNA BARNES AUS	9:22.56 DAWN HECKMAN USA						
28.15 ELENA PYATOVA RUS	1:11.23 YUKIKO MARUSHIMA JPN	2:38.41 CHRISTINE JAEGLI GBR	9:49.24 A.REKOWSKI GER						
100 M. FREE	200 M. BACK	200 M. I.M.	9:49.45 JOY STOVER USA						
57.71 AIMEE RAMM GBR	2:27.51 EBONY EBENWALDNER AUS	2:27.91 KATJA BRASCHOSS GER	9:53.83 K.HENNESSEY USA						
58.82 FLORENCIA SZIGETI USA	2:27.89 CARLA HORST BRA	2:29.21 CHRISTINA DROUBAY USA	9:54.68 LAURA VOLPI ITA						
1:00.10 JENNIFER O'REILLY USA	2:33.46 M.RAUSCHENBERG GER	2:30.96 ZSUZSA CSOBANKI HUN	9:55.48 MARCIE HERZOG USA						
1:00.75 ANNE DALGAARD DEN	2:35.21 MOLLIE GROVER USA	2:31.01 EBONY EBENWALDNER AUS	10:02.53 MANUELA BOZZOLI ITA						
1:00.97 SARAH HEALEY GBR	2:35.37 VICTORIA BLOCKER USA	2:32.04 LOUISE STEVENSON AUS	10:03.79 M.KAGY-SCHWARTZ USA						
1:01.02 VERA HOYER GER	2:35.53 LAURA COLANTONIO ITA	2:32.64 LUCIA BUSSOTTI ITA	10:05.00 MELANIE KUIPER NED						
1:01.17 ALEXA BROWN AUS	2:35.55 LYNNE DONNELLY IRL	2:33.11 A.JANITZKI GER	10:09.08 SARAH RICHTER GER						
1:01.38 MAGALI SCHUSTER FRA	2:37.37 ORIANA BURGIO ITA	2:33.39 MAGALI SCHUSTER FRA	1500 M. FREE						
1:01.50 RACHEL ARMSTRONG USA	2:38.16 JANE LEIGHTON GBR	2:34.99 ERIN MCINTYRE USA	17:32.48 DAWN HECKMAN USA						
1:01.61 ANNE BORINSKI GER	2:38.55 NINA RUHLAND GER	2:35.12 ANNA BARNES AUS	18:49.57 LAURA VOLPI ITA						
200 M. FREE	50 M. BRST	400 M. I.M.	19:10.92 K.HENNESSEY USA						
2:10.95 DANIELA APONTE VEN	33.68 NICOLE HEIDEMANN GER	5:19.28 EBONY EBENWALDNER AUS	19:11.70 AGNESE PRIORE ITA						
2:11.14 CHRISTINA DROUBAY USA	33.85 LAURA GLASS USA	5:22.72 CHRISTINA DROUBAY USA	19:16.26 MELANIE KUIPER NED						
2:11.48 SAMUELA MAGNELLI ITA	33.89 LAURA HOLT USA	5:27.57 LUCIA BUSSOTTI ITA	19:16.73 KRISTI LEE USA						
2:12.28 ARLETTE ALEXANDER GER	34.63 WIEBKE CONRAD GER	5:31.41 VALENTINA BRANDI ITA	19:18.34 CARLA ARRUDA BRA						
2:13.03 JENNIFER O'REILLY USA	34.76 KATJA BRASCHOSS GER	5:36.03 NADINE BRUNS GER	19:23.40 MELINDA COOK AUS						
2:13.18 KATIE HENDERSON GBR	35.00 NATHALIE MEUNIER FRA	5:36.53 ULRIKE GERNER GER	19:29.46 KATIE NIMMO GBR						
2:13.28 KATJA BRASCHOSS GER	35.05 M.BEAURIVAGE CAN	5:37.66 BRITTA WEBER GER	19:42.80 NARI LAWREY GBR						
2:13.74 ANNE DALGAARD DEN	35.29 SIMONE PEUSSNER GER	5:38.08 BIANCA COX NED	50 M. BACK						
2:13.78 HEIDI HESTER USA	35.38 C.MCPHERSON GBR	5:38.67 REBECCA HENLY GBR	29.15 NORIKO INADA USA						
2:14.79 AYA SATO JPN	35.43 MANAMI OKUMURA JPN	5:39.16 ANNA WALKER GBR	30.45 NADINE ROLLAND CAN						
400 M. FREE	100 M. BRST	*****	30.95 NAHOMI SHIRATA JPN						
4:32.70 DANIELA APONTE VEN	1:15.56 KATJA BRASCHOSS GER	*****	32.66 SHANNA GUZMAN USA						
4:39.04 CHRISTINA DROUBAY USA	1:15.93 LAURA GLASS USA	*****	32.91 ROSARIA CASSARO ITA						
4:40.54 LOUISE STEVENSON AUS	1:15.95 LAURA HOLT USA	*****	33.30 LAURA BIANZANI ITA						
4:43.49 SAMUELA MAGNELLI ITA	1:16.27 WIEBKE CONRAD GER	50 M. FREE	33.43 PERRY-ANN CADIZ RSA						
4:44.11 KATJA BRASCHOSS GER	1:17.17 NATHALIE MEUNIER FRA	25.74 MARTINA MORAVCOVA USA	33.76 SHANNON CAIRNS PUR						
4:47.08 M.RAUSCHENBERG GER	1:17.27 KATIE HENDERSON GBR	26.94 DOMINIQUE DIEZI USA	33.84 TANJA OP DEN ORTH GER						
4:48.44 GIUSEPPA ZIZZO ITA	1:17.62 NICOLE HEIDEMANN GER	27.35 HITOMI MATSUDA JPN	33.88 NADJA PFUHL GER						
4:51.36 KATE SMITH GBR	1:17.73 C.MCPHERSON GBR	27.52 NORIKO INADA USA	100 M. BACK						
4:52.20 NADINE BRUNS GER	1:17.87 LUCIA BUSSOTTI ITA	27.62 JANET MAYVILLE CAN	1:02.83 NORIKO INADA USA						
4:52.51 HEIDI HESTER USA	1:18.34 LAURA BADOUX NED	27.71 MIHO OKUHARA JPN	1:05.43 KANA OHASHI JPN						
800 M. FREE	200 M. BRST	27.73 NADINE ROLLAND CAN	1:08.52 NAHOMI SHIRATA JPN						
9:26.53 DANIELA APONTE VEN	2:40.96 KATJA BRASCHOSS GER	27.88 NAHOMI SHIRATA JPN	1:10.52 SHANNA GUZMAN USA						
9:50.69 HEIDI HESTER USA	2:43.77 KATIE HENDERSON GBR	27.96 NUI SEKIYA JPN	1:11.97 ALISON USHER GBR						
9:51.90 ASHLEY WHITNEY USA	2:46.50 WIEBKE CONRAD GER	28.20 ROSARIA CASSARO ITA	1:12.22 JANE SOLOMON AUS						
10:00.20 GIUSEPPA ZIZZO ITA	2:47.42 EBONY EBENWALDNER AUS	100 M. FREE	1:13.39 KAORU OHISA JPN						
10:06.92 JENNIFER ZENKER GER	2:48.53 C.MCPHERSON GBR	55.62 MARTINA MORAVCOVA USA	1:13.51 PERRY-ANN CADIZ RSA						
10:08.75 JULIA FANKEL GER	2:51.01 CLAIRE DESDOIT FRA	58.87 DOMINIQUE DIEZI USA	1:13.69 SHANNON CAIRNS PUR						
10:09.26 CAITLIN LEAHY USA	2:51.07 MERI NITTA JPN	58.90 HITOMI MATSUDA JPN	1:14.34 MIWAKO ISHIDA JPN						
10:09.33 SANDRA CUMMEROW GER	2:51.28 S.BRUNCKHORST GER	1:00.99 FRANCESCA MANERBA ITA	200 M. BACK						
10:13.73 NADINE BRUNS GER	2:52.43 ULRIKE GERNER GER	1:01.35 NUI SEKIYA JPN	2:19.49 KANA OHASHI JPN						
10:16.49 KIRSTEN VD STEEN NED	2:52.79 BRIANNA SHOWELL USA	1:01.83 A.BALDINI ITA	2:29.45 SHANNA GUZMAN USA						
1500 M. FREE	50 M. FLY	1:01.93 KATIE MCCLELLAND USA	2:30.59 HITOMI MATSUDA JPN						
18:52.30 ASHLEY WHITNEY USA	28.24 MABI TSUKIOKA JPN	1:01.96 ROSARIA CASSARO ITA	2:31.24 NAHOMI SHIRATA JPN						
19:10.10 GIUSEPPA ZIZZO ITA	28.73 AIMEE RAMM GBR	1:02.03 GINA HOBSON GBR	2:35.08 ALISON USHER GBR						
19:16.06 KIRSTEN VD STEEN NED	28.81 MAYU MURAKAMI JPN	1:02.14 VANESSA STOSSEL FRA	2:36.04 JANE SOLOMON AUS						
19:23.45 CAITLIN LEAHY USA	29.17 SARAH HEALEY GBR	200 M. FREE	2:36.79 KAORU OHISA JPN						
19:29.80 AURELIE GOFFIN BEL	29.51 SARAH MARSHALL USA	2:06.00 HITOMI MATSUDA JPN	2:39.24 A.REKOWSKI GER						
19:35.10 SERENA BARACANI ITA	29.60 ZSUZSA CSOBANKI HUN	2:14.96 COLLEEN PHILIPPS USA	2:41.52 JOY STOVER USA						
19:38.67 JETTE MUNDT GER	29.70 MAKI YOSHIDA JPN	2:15.77 KRISTI LEE USA	2:42.19 PERRY-ANN CADIZ RSA						
19:58.07 HEIDI HESTER USA	29.78 KEI ANDO JPN	2:15.80 FRANCESCA MANERBA ITA	50 M. BRST						
20:08.31 VALENTINA BRANDI ITA	29.95 LAURA GLASS USA	2:16.01 MICHELA MENEGON ITA	33.15 HITOMI MATSUDA JPN						
20:13.05 JOANNA SWALLOW GBR	29.97 ALEXA BROWN AUS	2:16.38 JOY STOVER USA	33.20 KATIE MCCLELLAND USA						
50 M. BACK	100 M. FLY	2:16.69 A.BALDINI ITA	34.48 KYLA STEENHART NZL						
29.60 MAI NAKAMURA JPN	1:03.47 MAYU MURAKAMI JPN	2:16.89 M.KAGY-SCHWARTZ USA	35.24 AKIKO KIYONAGA JPN						
30.27 ELENA PYATOVA RUS	1:03.95 AIMEE RAMM GBR	2:16.90 ISLA HALE AUS	35.34 FIONA MARSHALL GBR						
30.43 AKIKO MIZUMOTO JPN	1:04.72 SARAH HEALEY GBR	2:17.05 VICTORIA NAESS CAN	35.46 MARIT BREITFELD GER						
31.67 LAURA HOLT USA	1:06.97 ALEXA BROWN AUS	400 M. FREE	35.73 SARAH JAMES AUS						
31.77 EVA-MARIA SCHMITT GER	1:07.03 KEI ANDO JPN	4:25.60 HITOMI MATSUDA JPN	35.84 BIRTE RETZBACH GER						
31.89 MARIA HIRSCH GER	1:07.82 VALERIA CORBINO ITA	4:46.08 A.REKOWSKI GER	36.07 ISLA HALE AUS						
31.99 CARLA HORST BRA	1:08.45 DELIA BADOUX NED	4:46.41 JOY STOVER USA	36.11 CECILE ROUCHON FRA						



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1:16.75	MARIT BREITFELD	GER	50	M. FREE	100	M. BACK	200	M. FLY			
1:18.53	SARAH JAMES	AUS	27.40	MELINDA MAROSI	HUN	1:06.91	JODY SMITH	USA	2:26.71	KRISTINA ULVELING	USA
1:19.02	CAROLINE MATHIAS	FRA	27.60	RAQUEL STELLET	BRA	1:07.94	CINDY MABEE	CAN	2:28.55	NICOLA LATTY	GBR
1:19.87	FIONA MARSHALL	GBR	27.61	MELANIA BUSSIERE	CAN	1:09.45	JOANNA CORBEN	GBR	2:31.48	JACQUI ROBINSON	AUS
1:20.64	HELEN ROLLE	GBR	27.91	KRISTINE SENKIER	USA	1:09.99	KRISTINE SENKIER	USA	2:32.93	LYNNE HAYES	AUS
1:20.66	JANET MAYVILLE	CAN	28.22	KRISTINA ULVELING	USA	1:10.90	SYLVIE ALLERY	FRA	2:33.00	RACHELLE ISAKOV	RSA
1:21.49	KATE PIPER	AUS	28.43	SUSAN FRASER	GBR	1:10.99	SHERI HART	USA	2:36.15	KARINE JANNOT	FRA
200	M. BRST		28.51	NADINE DAY	USA	1:12.10	GISELI PEREIRA	BRA	2:37.56	YOKO YAMAGUCHI	JPN
2:35.46	HITOMI MATSUDA	JPN	28.60	JANE LOVEDAY	AUS	1:12.47	ANITA GAGLIARDINI	ITA	2:38.06	SANDIE EASTON	USA
2:41.63	KATIE MCCLELLAND	USA	28.72	JULIE FREIXA	CAN	1:13.27	CHRISTINA ECHOLS	AUS	2:40.18	ANA PAULA GRILO	POR
2:45.20	KYLA STEENHART	NZL	28.73	LAURA SANTOMAURO	USA	1:13.42	NOEMI DOMONKOS	AUS	2:41.83	ANNA-CARIN NORDIN	SWE
2:48.99	MARIT BREITFELD	GER	100	M. FREE	200	M. BACK	200	M. I.M.			
2:50.17	CAROLINE MATHIAS	FRA	59.57	MELANIA BUSSIERE	CAN	2:22.07	JODY SMITH	USA	2:30.25	NADINE DAY	USA
2:53.56	SARAH JAMES	AUS	59.92	LYNNE HAYES	AUS	2:29.00	JOANNA CORBEN	GBR	2:34.53	SARA NELSON	USA
2:53.92	VIOLA OERTEL	GER	1:00.02	MELINDA MAROSI	HUN	2:29.42	CINDY MABEE	CAN	2:34.64	DEBBIE YOUNGER	CAN
2:57.76	LAURA KOCH	USA	1:01.36	JODY SMITH	USA	2:31.06	KRISTINE SENKIER	USA	2:35.71	RACHELLE ISAKOV	RSA
2:58.95	RYAN VERPLANKE	NED	1:01.68	KIRSTEN CAMERON	NZL	2:35.46	LAURA PALASCIANO	ITA	2:37.27	MAUREEN RANKIN	USA
2:59.02	AYAKA MIURA	JPN	1:01.70	NADINE DAY	USA	2:35.91	ANITA GAGLIARDINI	ITA	2:37.47	ALISON ZAMANIAN	USA
50	M. FLY		1:01.89	RAQUEL STELLET	BRA	2:36.40	GISELI PEREIRA	BRA	2:38.04	SANDIE EASTON	USA
27.48	MARTINA MORAVCOVA	USA	1:02.91	SANDRINE ERGUY	FRA	2:37.61	CHRISTINA ECHOLS	AUS	2:38.40	JOANNA CORBEN	GBR
27.73	NADINE ROLLAND	CAN	1:02.94	LAURA SANTOMAURO	USA	2:38.15	ALISON ZAMANIAN	USA	2:39.18	ANA PAULA GRILO	POR
28.72	E.BELLINGER	GBR	1:03.19	HANNAH PAULL	GBR	2:39.60	CAROLA RUWOLDT	GER	2:39.38	JODY SMITH	USA
28.98	HITOMI MATSUDA	JPN	200	M. FREE	50	M. BRST	400	M. I.M.			
29.69	MIHO OKUHARA	JPN	2:09.46	KIRSTEN CAMERON	NZL	35.68	S.PETSCHER	GER	5:20.77	NADINE DAY	USA
29.79	ANTJE AUHL	GER	2:09.70	MELANIA BUSSIERE	CAN	35.77	MANAMI HARAKAWA	JPN	5:26.60	ALISON ZAMANIAN	USA
29.90	NORIKO INADA	USA	2:13.28	JACQUI ROBINSON	AUS	36.50	ANTJE PRAEFCKE	GER	5:29.12	SARA NELSON	USA
30.05	SHANNON CAIRNS	PUR	2:14.04	KRISTINE SENKIER	USA	36.71	JAYNA TOMAC	USA	5:31.13	RACHELLE ISAKOV	RSA
30.23	LAURA BIANZANI	ITA	2:14.56	ALISON ZAMANIAN	USA	36.75	SABINA VITALONI	ITA	5:31.40	NICOLA LATTY	GBR
30.32	NUI SEKIYA	JPN	2:15.22	JODY SMITH	USA	36.77	PETRA DUDA	GER	5:36.14	JOANNA CORBEN	GBR
100	M. FLY		2:17.16	KRISTINA ULVELING	USA	37.04	ROBERTA STAROSTA	BRA	5:36.22	LINDA VISSER	USA
58.81	MARTINA MORAVCOVA	USA	2:17.24	LYNNE HAYES	AUS	37.07	M.GIOVANARDI	ITA	5:37.99	ANA PAULA GRILO	POR
1:02.37	HITOMI MATSUDA	JPN	2:17.35	DEBORAH MAGARRY	GBR	37.12	HARUKA ASUWA	JPN	5:40.31	JODY SMITH	USA
1:06.42	E.BELLINGER	GBR	2:17.44	NADINE DAY	USA	37.23	R.PESCATORI	USA	5:42.35	LAURA PALASCIANO	ITA
1:06.68	ANTJE AUHL	GER	400	M. FREE	100	M. BRST	*****	*****			
1:07.17	FRANCESCA MANERBA	ITA	4:29.72	KIRSTEN CAMERON	NZL	1:20.07	S.PETSCHER	GER	*****	*****	
1:07.76	SHANNA GUZMAN	USA	4:35.89	JACQUI ROBINSON	AUS	1:21.01	MANAMI HARAKAWA	JPN	*****	*****	
1:07.95	LAURA KOCH	USA	4:41.21	KRISTINA ULVELING	USA	1:21.35	M.GIOVANARDI	ITA	*****	*****	
1:08.42	GIORGIA SALA	ITA	4:44.29	ALISON ZAMANIAN	USA	1:21.47	PETRA DUDA	GER	50	M. FREE	
1:08.80	FLORENCE CIOTTI	ITA	4:45.50	KRISTINE SENKIER	USA	1:21.63	JAYNA TOMAC	USA	24.25	DARA TORRES	USA
1:08.85	GINA HOBSON	GBR	4:45.60	DIANNA SZOKOL	HUN	1:21.68	AKIKO IKEDA	JPN	26.59	EDITH OTTERMANN	RSA
200	M. FLY		4:46.67	SARA NELSON	USA	1:21.82	ANTJE PRAEFCKE	GER	26.95	JUNKO NAKANO	JPN
2:21.80	HITOMI MATSUDA	JPN	4:49.20	GRITH SIGSGAARD	NED	1:21.97	NADINE DAY	USA	27.53	JENNIE BUCKNELL	AUS
2:31.28	A.REKOWSKI	GER	4:50.23	LAURIE DODD	USA	1:22.05	R.PESCATORI	USA	27.60	JENNIFER WILLIS	USA
2:32.62	LAURA KOCH	USA	4:51.52	NICOLA LATTY	GBR	1:22.56	KEIKO OKAMOTO	JPN	27.64	FALL WILLEBOORDSE	USA
2:32.97	MICHELIA BOSCARI	ITA	800	M. FREE	200	M. BRST	28.08	ANGELA WALKER	AUS		
2:33.39	MICHELLE SENEAL	GBR	9:11.15	KIRSTEN CAMERON	NZL	2:53.71	SARA NELSON	USA	28.12	MICHELLE CHOW	USA
2:33.61	L. CARVALHO	AUS	9:26.17	JACQUI ROBINSON	AUS	2:55.42	NADINE DAY	USA	28.55	WILMA DANIEL	RSA
2:34.42	FRANCESCA MANERBA	ITA	9:38.94	VALERIA VERGANI	ITA	2:56.35	R.PESCATORI	USA	28.66	LAUREN WELTING	USA
2:34.64	VIOLA OERTEL	GER	9:42.00	LAURIE DODD	USA	2:57.88	KEIKO OKAMOTO	JPN	100	M. FREE	
2:35.65	MARIT BREITFELD	GER	9:43.47	DIANNA SZOKOL	HUN	2:58.17	PETRA DUDA	GER	53.78	DARA TORRES	USA
2:35.97	ANTJE AUHL	GER	9:46.38	KRISTINA ULVELING	USA	2:58.18	G.CHERUBINI	ITA	1:01.34	KRISTIN GARY	USA
200	M. I.M.		9:49.40	AMANDA PICARD	SUI	2:58.24	LINDA VISSER	USA	1:01.42	JENNIFER WILLIS	USA
2:23.17	HITOMI MATSUDA	JPN	9:50.01	GRITH SIGSGAARD	NED	2:58.84	JAYNA TOMAC	USA	1:01.58	JENNIE BUCKNELL	AUS
2:31.44	KATIE MCCLELLAND	USA	9:57.74	SARA NELSON	USA	3:00.04	MAUREEN RANKIN	USA	1:01.80	ANGELA WALKER	AUS
2:31.69	KANA OHASHI	JPN	10:03.13	JODY SMITH	USA	3:01.39	NAMI OKAMOTO	JPN	1:01.83	EDITH OTTERMANN	RSA
2:31.72	A.BALDINI	ITA	1500	M. FREE	50	M. FLY	1:01.86	FALL WILLEBOORDSE	USA		
2:34.10	LAURA KOCH	USA	18:13.21	ALISON ZAMANIAN	USA	28.64	LYNNE HAYES	AUS	1:02.00	LAUREN WELTING	USA
2:34.75	ROSARIA CASSARO	ITA	18:17.72	LAURIE DODD	USA	29.09	MELANIA BUSSIERE	CAN	1:02.47	SASKIA PHAFF	NED
2:34.84	VIOLA OERTEL	GER	18:37.46	AMANDA PICARD	SUI	29.43	KRISTINA ULVELING	USA	1:02.57	AMANDA PICARD	SUI
2:35.63	CINDY BERTELINK	CAN	18:37.80	VALERIA VERGANI	ITA	29.64	YOKO YAMAGUCHI	JPN	200	M. FREE	
2:35.88	DAWN PALMER	GBR	18:41.21	SARA NELSON	USA	29.81	RAQUEL STELLET	BRA	2:12.24	AMANDA PICARD	SUI
2:35.93	CHRIS WIEGAND	GER	18:46.21	GRITH SIGSGAARD	NED	29.92	KYOKO YAMADA	JPN	2:13.53	LAUREN WELTING	USA
400	M. I.M.		19:17.64	NAGAKO FUKUZAWA	JPN	29.93	RACHELLE ISAKOV	RSA	2:15.28	KRISTIN GARY	USA
5:03.25	HITOMI MATSUDA	JPN	19:44.90	NATHALIE BELAND	CAN	30.14	LAURA SANTOMAURO	USA	2:16.69	HELEN WHITFORD	AUS
5:25.07	SARAH RICHTER	GER	19:49.42	NADINE DAY	USA	30.55	SU SUTCLIFFE	SWE	2:16.92	HELGA LINNENBAUM	GER
5:25.81	A.REKOWSKI	GER	20:01.08	KAREN DRIVER	GBR	30.79	NIKKI WEEKS	USA	2:17.36	KYOKO FUJIOKA	JPN
5:27.46	A.BALDINI	ITA	50	M. BACK	100	M. FLY	2:19.29	LAURA SMITH	USA		
5:28.16	C.NADEZHDA	RUS	31.28	CINDY MABEE	CAN	1:03.39	LYNNE HAYES	AUS	2:20.05	JENNIE BUCKNELL	AUS
5:30.46	LAURA KOCH	USA	31.71	JODY SMITH	USA	1:03.52	MELANIA BUSSIERE	CAN	2:20.17	CSILLA CSIKANY	HUN
5:35.12	VIOLA OERTEL	GER	31.86	GISELI PEREIRA	BRA	1:06.43	YOKO YAMAGUCHI	JPN	2:20.21	JENNIFER WILLIS	USA
5:36.94	TRACEY JENNINGS	GBR	32.51	KITTY PERKINS	GBR	1:06.54	KRISTINA ULVELING	USA	400	M. FREE	
5:38.13	DAWN PALMER	GBR	32.62	ANITA GAGLIARDINI	ITA	1:07.20	NADINE DAY	USA	4:34.33	AMANDA PICARD	SUI
5:39.72	CAROLINE MATHIAS	FRA	32.67	SYLVIE ALLERY	FRA	1:07.37	RACHELLE ISAKOV	RSA	4:46.56	HELEN WHITFORD	AUS
*****	*****		32.70	SHERI HART	USA	1:08.66	KYOKO YAMADA	JPN	4:51.46	S. PALMER-WHITE	AUS
*****	*****		32.85	KRISTINE SENKIER	USA	1:08.89	SANDIE EASTON	USA	4:51.70	LAURA SMITH	USA
*****	*****		33.12	NOEMI DOMONKOS	AUS	1:09.23	LAURA SANTOMAURO	USA	4:51.77	ANGELA DELISSEN	GER
*****	*****		33.22	KAYO HATANAKA	JPN	1:09.57	ALISON ZAMANIAN	USA	4:52.93	KYOKO FUJIOKA	JPN



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4:53.45	CLAUDIA KERN	GER	1:22.13	JOHANNA KARA	FIN	28.35	STEFANIE NIEMIETZ	GER	1:12.90	VALERIE JENKINS	USA
4:55.50	GALEN RINALDI	USA	1:22.25	ELKE SCHMITZ	GER	28.45	CATHY CODLING	AUS	1:13.48	LESLIE LIVINGSTON	USA
4:57.01	ELKE HAGEDORN	GER	1:22.32	NAOKO SHIRAI	JPN	28.53	SUSANNA ROSEN	SWE	1:14.85	NAOKO SHIDE	JPN
4:58.56	ANTONELLA GALLONI	ITA	1:22.43	ANGELA DELISSEN	GER	28.69	SUSAN MATHERNE	USA	1:15.32	MARIA ALWINE EDER	ITA
800 M. FREE			200 M. BRST			28.84	HAYLEY BETTINSON	GBR	1:16.14	ZENA COURTNEY	USA
9:28.33	AMANDA PICARD	SUI	2:46.63	MARZENA KULIS	ITA	28.92	SARAH MACDONALD	CAN	1:16.19	BRIGID BUNCH	USA
9:55.67	S. PALMER-WHITE	AUS	2:51.94	H.MORRIS-EYTON	RSA	29.03	ELLEN FERGUSON	USA	1:16.33	JOANNE SUTCLIFFE	AUS
10:00.60	HELEN WHITFORD	AUS	2:53.72	ANGELA DELISSEN	GER	29.28	ARLENE DELMAGE	USA	1:16.40	VIBEKE SWANSON	USA
10:02.75	GALEN RINALDI	USA	2:56.89	TOMOMI MIYAZONO	JPN	100 M. FREE			200 M. BACK		
10:03.24	ELKE HAGEDORN	GER	2:59.29	S.SEMINATORE	ITA	1:00.02	K.PIPES-NEILSEN	USA	2:26.30	K.PIPES-NEILSEN	USA
10:07.00	CLAUDIA KERN	GER	2:59.62	AIDA TUCIUTE	AUS	1:01.03	REBECCA PERROTT	NZL	2:37.59	NAOKO SHIDE	JPN
10:10.45	LAURIE HUG	USA	3:00.23	MICHELE SCHNEIDER	FRA	1:02.30	E.JONES	USA	2:38.38	LYNN MARSHALL	CAN
10:13.67	ANGELA DELISSEN	GER	3:02.18	JOHANNA KARA	FIN	1:02.55	SUSANNA ROSEN	SWE	2:39.69	VALERIE JENKINS	USA
10:14.86	MICHELE SHINN	USA	3:02.67	NAOKO SHIRAI	JPN	1:02.71	SUSAN MATHERNE	USA	2:39.87	SALLY BELL	AUS
10:17.07	HELGA LINNENBAUM	GER	3:05.35	SANNE JUEL	DEN	1:03.18	ELLEN FERGUSON	USA	2:41.80	BRIGID BUNCH	USA
1500 M. FREE			50 M. FLY			1:03.40	CECILIA STANFORD	RSA	2:42.86	VIBEKE SWANSON	USA
18:02.60	AMANDA PICARD	SUI	29.27	EDITH OTTERMANN	RSA	1:03.49	BARBARA GELLRICH	GER	2:45.10	UTE ROMBERG	GER
19:12.30	GALEN RINALDI	USA	29.62	SILVIA PAROCCHI	ITA	1:04.37	STEFANIE NIEMIETZ	GER	2:46.66	KAREN VAN HELDEN	RSA
19:19.40	ANTONELLA GALLONI	ITA	29.78	JENNIE BUCKNELL	AUS	1:04.62	ELISABETTA AMICI	ITA	2:46.77	ZENA COURTNEY	USA
19:21.44	SHARON BEAVER	AUS	30.02	LISA WARD	USA	200 M. FREE			50 M. BRST		
19:26.59	N.MUIR-COCHRANE	GBR	30.47	AIDA TUCIUTE	AUS	2:13.19	K.PIPES-NEILSEN	FRA	35.24	CAROLINE KRATTLI	USA
19:39.05	ELKE HAGEDORN	GER	30.47	VICKY WATSON	AUS	2:13.46	E.JONES	USA	35.60	KIM CROUCH	USA
19:55.48	JULIET COX	USA	30.54	JANNE THORSTENSEN	NOR	2:13.55	REBECCA PERROTT	NZL	36.06	MONICA CORO	ITA
19:55.99	STEFHANIE SCHULTZ	USA	30.57	JUNKO NAKANO	JPN	2:15.27	SUSANNE SIMPSON	USA	37.21	LISA DAHL	USA
20:22.00	PAMELA NIX	AUS	30.66	DANIELA DE PONTI	ITA	2:15.88	LYNN MARSHALL	CAN	37.31	HILARY HAFNER	USA
20:22.92	JUTTA SCHICKORE	USA	30.72	JENNIFER WILLIS	USA	2:17.73	SUSANNA ROSEN	SWE	37.70	RUTH CHEEMA	GBR
50 M. BACK			100 M. FLY			2:19.49	VALERIE JENKINS	USA	38.07	ALBENA POPOVA	ITA
31.69	JUNKO NAKANO	JPN	1:07.91	JULIE GIBSON	GBR	2:19.83	ELLEN FERGUSON	USA	38.17	SATOKO TOKITA	JPN
32.15	HELEN WHITFORD	AUS	1:07.95	HELEN WHITFORD	AUS	2:20.22	MARGE CURRAN	USA	38.34	SARAH MACDONALD	CAN
32.31	HIROKO NOGUCHI	JPN	1:08.44	DANIELA DE PONTI	ITA	2:20.61	ARLENE DELMAGE	USA	38.49	GAIL MCCARNEY	RSA
32.33	KRISTIN GARY	USA	1:09.12	FRANCA BOSISIO	ITA	400 M. FREE			100 M. BRST		
32.69	SILVIA PAROCCHI	ITA	1:09.36	IRENE EDARD	FRA	4:35.84	K.PIPES-NEILSEN	USA	1:18.01	CAROLINE KRATTLI	USA
32.72	FALL WILLEBOORDSE	USA	1:09.40	JANNE THORSTENSEN	NOR	4:43.14	SUSANNE SIMPSON	USA	1:19.60	MONICA CORO	ITA
32.79	JENNIE BUCKNELL	AUS	1:09.74	ANGELA DELISSEN	GER	4:43.74	E.JONES	USA	1:21.43	K.PIPES-NEILSEN	USA
33.01	ELLEN REYNOLDS	USA	1:10.03	FALL WILLEBOORDSE	USA	4:47.24	LYNN MARSHALL	CAN	1:22.63	KIM CROUCH	USA
33.02	LISA WARD	USA	1:10.08	LESLEY NORTON	GBR	4:52.43	REBECCA PERROTT	NZL	1:22.65	RUTH CHEEMA	GBR
33.08	IARA SCARPELLI	BRA	1:10.17	SYLVIA BUXTON	USA	4:54.21	SUSANNA ROSEN	SWE	1:23.23	HILARY HAFNER	USA
100 M. BACK			200 M. FLY			4:55.92	MARGE CURRAN	USA	1:24.83	MARJA BLOEMZAAD	NED
1:08.32	HELEN WHITFORD	AUS	2:32.19	S. PALMER-WHITE	AUS	4:55.93	TANJA ENGELS	GER	1:25.44	KATE SORENSSEN	DEN
1:08.33	KRISTIN GARY	USA	2:33.06	ANGELA DELISSEN	GER	4:56.87	JANA MATENA	USA	1:25.56	SUSAN DAWSON-COOK	USA
1:09.97	LISA WARD	USA	2:33.12	IRENE EDARD	FRA	4:57.08	ELLEN FERGUSON	USA	1:25.76	MASAKO ICHIMARU	JPN
1:10.02	SILVIA PAROCCHI	ITA	2:33.88	FRANCA BOSISIO	ITA	800 M. FREE			200 M. BRST		
1:10.22	ELLEN REYNOLDS	USA	2:34.35	HELEN WHITFORD	AUS	9:33.15	K.PIPES-NEILSEN	USA	2:51.41	CAROLINE KRATTLI	USA
1:11.98	JENNIE BUCKNELL	AUS	2:35.44	JULIE GIBSON	GBR	9:36.86	E.JONES	USA	2:53.27	K.PIPES-NEILSEN	USA
1:12.22	FALL WILLEBOORDSE	USA	2:36.83	GIULIA NOERA	ITA	9:40.27	LYNN MARSHALL	CAN	2:57.05	MONICA CORO	ITA
1:12.49	MIKI NAMAI	JPN	2:37.57	HEIKE RUCKER	GER	9:45.99	REBECCA PERROTT	NZL	3:03.74	JUDITH HATTLE	GBR
1:12.86	IARA SCARPELLI	BRA	2:41.83	ANNE STEELE	AUS	9:46.88	SUSANNE SIMPSON	USA	3:03.93	GAIL MCCARNEY	RSA
1:13.17	ANGELA DELISSEN	GER	2:43.27	DIANA ARISTIZABAL	VEN	10:04.43	DENISE BROWN	USA	3:04.21	HANNAH UECKERMANN	GBR
200 M. BACK			200 M. I.M.			10:15.17	BARBARA GELLRICH	GER	3:04.35	RUTH CHEEMA	GBR
2:27.11	HELEN WHITFORD	AUS	2:32.01	HELEN WHITFORD	AUS	10:21.10	TANJA ENGELS	GER	3:05.72	HILARY HAFNER	USA
2:28.36	KRISTIN GARY	USA	2:32.07	LAUREN WELTING	USA	10:24.55	ELLIE NAJJAR	USA	3:05.86	SILKE GODDE	GER
2:30.17	ELLEN REYNOLDS	USA	2:32.11	MARZENA KULIS	ITA	10:24.63	ELISABETTA AMICI	ITA	3:06.10	KATE SORENSSEN	DEN
2:31.28	LISA WARD	USA	2:33.27	LISA WARD	USA	1500 M. FREE			50 M. FLY		
2:31.34	LAURA SMITH	USA	2:33.42	ANGELA DELISSEN	GER	18:10.28	E.JONES	USA	29.52	K.PIPES-NEILSEN	USA
2:33.98	ANGELA DELISSEN	GER	2:34.16	ELLEN REYNOLDS	USA	18:14.76	LYNN MARSHALL	CAN	29.89	SHIZUKO HIRAISHI	JPN
2:34.69	FRANCA BOSISIO	ITA	2:34.57	AMANDA PICARD	SUI	18:44.29	K.PIPES-NEILSEN	USA	30.04	ARLENE DELMAGE	USA
2:35.84	JULIE ROBINSON	AUS	2:38.24	S.REIBEL-OBERLE	GER	19:20.51	DENISE BROWN	USA	30.08	LISA DAHL	USA
2:36.83	MIKI NAMAI	JPN	2:38.41	JULIE ROBINSON	AUS	19:39.71	ANDREA BLOCK	USA	30.62	HAYLEY BETTINSON	GBR
2:38.80	SHARON BEAVER	AUS	2:39.30	KATHERINE VEALE	GBR	19:48.64	JANA MATENA	USA	31.13	LESLIE LIVINGSTON	USA
50 M. BRST			400 M. I.M.			20:06.82	ARLENE DELMAGE	USA	31.19	STEFANIE NIEMIETZ	GER
35.13	MARZENA KULIS	ITA	5:23.83	MARZENA KULIS	ITA	20:12.46	AMANDA DUGGAN	AUS	31.22	BARBARA GELLRICH	GER
36.19	AIDA TUCIUTE	AUS	5:24.50	ANGELA DELISSEN	GER	20:17.21	RIEKO SHOJI	JPN	31.28	HEIKE HANDEL	GER
36.47	ELKE SCHMITZ	GER	5:26.35	HELEN WHITFORD	AUS	20:20.35	KERRI ROUSSAIN	USA	31.29	STUNTZNER-GIBSON	USA
36.78	H.MORRIS-EYTON	RSA	5:32.10	ELLEN REYNOLDS	USA	50 M. BACK			100 M. FLY		
36.81	ANGELA DELISSEN	GER	5:36.00	SHARON BEAVER	AUS	31.71	VALERIE JENKINS	USA	1:05.69	K.PIPES-NEILSEN	USA
36.82	S.SEMINATORE	ITA	5:38.19	JULIE ROBINSON	AUS	32.16	K.PIPES-NEILSEN	FRA	1:06.42	ARLENE DELMAGE	USA
36.87	TOMOMI MIYAZONO	JPN	5:38.73	S. PALMER-WHITE	AUS	33.44	LESLIE LIVINGSTON	USA	1:07.62	SHIZUKO HIRAISHI	JPN
37.35	CHRISTEL DEBRUYNE	FRA	5:40.48	LAURIE HUG	USA	33.79	SALLY BELL	AUS	1:08.89	ANDREA BLOCK	USA
37.53	NADINE ROYLE	AUS	5:45.89	JUDY BROWN	GBR	33.91	SHIZUKO HIRAISHI	JPN	1:09.63	BARBARA GELLRICH	GER
37.56	NAOKO SHIRAI	JPN	5:48.73	SUSIE SHUCK	USA	34.59	LISA DAHL	USA	1:09.78	JUDITH HATTLE	GBR
100 M. BRST						34.60	MARIA ALWINE EDER	ITA	1:10.12	STUNTZNER-GIBSON	USA
1:15.40	MARZENA KULIS	ITA	*****			34.86	CECILIA STANFORD	RSA	1:10.16	CECILIA STANFORD	RSA
1:20.22	H.MORRIS-EYTON	RSA		WOMEN 45-49		34.87	CLAUDIA LIPSKI	GER	1:10.70	SUSANNA ROSEN	SWE
1:21.08	TOMOMI MIYAZONO	JPN	*****			35.19	FATIMA LINDO	SUI	1:11.27	LYNN MARSHALL	CAN
1:21.20	AIDA TUCIUTE	AUS	50 M. FREE			100 M. BACK			200 M. FLY		
1:21.36	S.SEMINATORE	ITA	27.87	LISA DAHL	USA	1:08.48	K.PIPES-NEILSEN	USA	2:32.72	SUSANNE SIMPSON	USA
1:21.77	CHRISTEL DEBRUYNE	FRA	28.23	K.PIPES-NEILSEN	FRA	1:12.86	SALLY BELL	AUS	2:36.02	ARLENE DELMAGE	USA



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2:38.47	LYNN MARSHALL	CAN	5:10.53	N.STEADMAN-MARTIN	USA	1:28.54	RICHIKO SEKISHITA	JPN	31.03	ROSARIO VIVANCO	PER
2:41.35	D.PEDACCHIOLA	ITA	800 M. FREE			200 M. BRST			31.27	M.RICHTHOFEN	GER
2:42.85	ANDREA BLOCK	USA	9:48.81	S.HEIM-BOWEN	USA	2:55.15	JENNY WHITELEY	AUS	31.42	C.NIEUWENHUIS	NED
2:44.29	JUDITH HATTLE	GBR	10:05.87	JEANNE CARLSEN	CAN	2:57.58	JAN CLARKSON	AUS	31.45	KARLENE DENBY	USA
2:45.60	ELIZABETH EHMKE	USA	10:10.11	JENNY WHITELEY	AUS	3:03.24	AMANDA HEATH	GBR	31.48	SANDERINA KRUGER	RSA
2:47.36	SHIZUKO HIRAISHI	JPN	10:19.65	JENNY COOK	USA	3:05.84	JENNY COOK	USA	100 M. FREE		
2:48.19	JANA GRAEBNER	GER	10:28.19	SHANE GOULD	AUS	3:08.46	AVILA RHODES	CAN	1:02.02	LAURA VAL	USA
2:49.82	DENISE BROWN	USA	10:33.88	SUE KEARNEY	AUS	3:08.69	ESTHER ISEPPI	SUI	1:03.99	HEATHER CAMPBELL	NZL
200 M. I.M.			10:44.93	DI COETZEE	RSA	3:09.24	MELINDA MANN	USA	1:06.66	PAT SARGEANT	USA
2:27.57	K.PIPES-NEILSEN	USA	10:50.74	ANNE BOURNE	GBR	3:09.29	HIROKO ISHII	JPN	1:08.16	ROSARIO VIVANCO	PER
2:31.95	REBECCA PERROTT	NZL	10:51.80	TRACY GRILLI	USA	3:09.78	FRANCES PENWARDEN	GBR	1:09.77	CONNLY BOER-BUYS	NED
2:37.66	CECILIA STANFORD	RSA	10:52.59	MELINDA KEMP	AUS	3:09.90	COLETTE CRABBE	USA	1:10.56	KARLENE DENBY	USA
2:39.22	CAROLINE KRATTLI	USA	1500 M. FREE			50 M. FLY			1:10.92	SANDERINA KRUGER	RSA
2:41.77	ARLENE DELMAGE	USA	18:32.76	S.HEIM-BOWEN	USA	31.16	JENNY WHITELEY	AUS	1:11.28	CATHY MERRITT	CAN
2:41.80	NAOKO SHIDE	JPN	19:31.22	JEANNE CARLSEN	CAN	31.59	KAREN STAURSKY	USA	1:11.92	DEBBIE GLASSMAN	USA
2:41.99	LYNN MARSHALL	CAN	19:37.26	JENNY WHITELEY	AUS	32.05	S.HEIM-BOWEN	USA	1:11.95	C.NIEUWENHUIS	NED
2:43.40	ELLEN FERGUSON	USA	19:41.55	SHANE GOULD	AUS	32.10	SHANE GOULD	AUS	200 M. FREE		
2:45.25	SUSAN MATHERNE	USA	20:34.30	JENNY COOK	USA	32.22	HARUMI SUGINUMA	JPN	2:17.67	LAURA VAL	USA
2:45.67	GABRIELE BRKOWSKI	GER	20:35.00	C.TARANTINO	ITA	32.42	HEATHER CAMPBELL	RSA	2:26.43	HEATHER CAMPBELL	NZL
400 M. I.M.			20:37.40	KATHERINE BRANCH	USA	32.44	SACHIKO SAITO	JPN	2:27.49	PAT SARGEANT	USA
5:13.85	K.PIPES-NEILSEN	USA	20:45.90	MARY SWEAT	USA	32.96	KAREN MORRISON	USA	2:32.12	EVIE LYNCH	USA
5:27.86	REBECCA PERROTT	NZL	20:50.12	TRACY GRILLI	USA	33.05	AHELEE SUE OSBORN	USA	2:32.66	CHRISTIE CIRAULO	USA
5:38.55	LYNN MARSHALL	CAN	20:53.69	AHELEE SUE OSBORN	USA	33.27	ANN SENN	USA	2:33.22	ROSARIO VIVANCO	PER
5:39.29	CECILIA STANFORD	RSA	50 M. BACK			100 M. FLY			2:33.39	HELI HOUBEN	GER
5:43.36	BARBARA GELLERICH	GER	33.53	K.ANDRUS-HUGHES	USA	1:10.79	S.HEIM-BOWEN	USA	2:36.52	DANIELLE OGIER	USA
5:48.88	JUDITH HATTLE	GBR	34.25	BONNIE BILICH	USA	1:11.89	JENNY WHITELEY	AUS	2:36.98	KARLENE DENBY	USA
5:48.93	VIBEKE SWANSON	USA	34.78	JENNY WHITELEY	AUS	1:12.38	MELINDA MANN	USA	2:38.16	CELESTE MILLER	USA
5:57.67	DENISE BROWN	USA	35.23	AHELEE SUE OSBORN	USA	1:13.40	MATHILDE VINK	NED	400 M. FREE		
5:58.04	GABRIELE BRKOWSKI	GER	35.39	LIZ COSGRAVE	IRL	1:14.40	HARUMI SUGINUMA	JPN	4:50.56	LAURA VAL	USA
6:01.22	GERLINDE MAUTE	GER	35.44	AROMA MARTORELL	BRA	1:15.52	JENNY COOK	USA	5:09.03	CHRISTIE CIRAULO	USA
*****			35.85	MARIANNE ANDERSEN	DEN	1:16.00	DEBBIE SWIGERT	USA	5:22.28	PAT SARGEANT	USA
*****			36.23	DEBBIE CAVANAUGH	USA	1:16.15	JEANNE CARLSEN	CAN	5:22.49	KATHI LINDSTROM	USA
*****			36.33	STACEY WARMUTH	USA	1:17.75	COLETTE CRABBE	USA	5:26.84	HEIDI ERNST	USA
*****			36.71	LAURA HARSEY	USA	1:18.16	ESTHER ISEPPI	SUI	5:29.24	CELESTE MILLER	USA
50 M. FREE			100 M. BACK			200 M. FLY			5:29.96	DEB WALKER	USA
28.60	JENNY WHITELEY	AUS	1:13.55	K.ANDRUS-HUGHES	USA	2:43.11	JENNY COOK	USA	5:32.71	ROSARIO VIVANCO	PER
29.07	BARBARA JONES	USA	1:14.09	BONNIE BILICH	USA	2:47.61	A.NIESPODZIANA	POL	5:33.88	SUSAN HAIGH	GBR
29.11	SHANE GOULD	AUS	1:15.70	AHELEE SUE OSBORN	USA	2:47.75	MATHILDE VINK	NED	5:34.24	DANIELLE OGIER	USA
29.20	ANN SENN	USA	1:18.33	DEBBIE CAVANAUGH	USA	2:48.27	JEANNE CARLSEN	CAN	800 M. FREE		
29.27	S.HEIM-BOWEN	USA	1:19.40	C.TARANTINO	ITA	2:51.84	N.STEADMAN-MARTIN	USA	10:05.28	LAURA VAL	USA
29.68	JUDY WOODWARD	CAN	1:19.49	JENNY WHITELEY	AUS	2:52.68	ESTHER ISEPPI	SUI	10:42.64	CHRISTIE CIRAULO	USA
29.75	K.ANDRUS-HUGHES	USA	1:19.66	KAYO MIZUI	JPN	2:53.46	DEBBIE SWIGERT	USA	10:57.82	KATHI LINDSTROM	USA
29.87	AHELEE SUE OSBORN	USA	1:19.88	STACEY WARMUTH	USA	2:58.62	SUSAN SKIFF	GBR	11:05.44	PAT SARGEANT	USA
29.93	HEATHER CAMPBELL	RSA	1:19.94	AROMA MARTORELL	BRA	3:01.13	KATHERINE BRANCH	USA	11:09.60	CELESTE MILLER	USA
30.10	ELKE OSTWALD	GER	1:20.19	LIZ COSGRAVE	IRL	3:01.71	LEONIE O'CONNELL	AUS	11:14.37	C.CHANGANAQUI	PER
100 M. FREE			200 M. BACK			200 M. I.M.			11:26.18	MARTINE FAURE	FRA
1:02.31	S.HEIM-BOWEN	USA	2:41.88	BONNIE BILICH	USA	2:37.90	JENNY WHITELEY	AUS	11:27.38	ANN CAMPBELL	AUS
1:02.95	SHANE GOULD	AUS	2:46.32	DEBBIE CAVANAUGH	USA	2:39.49	JENNY COOK	USA	11:28.70	SUSAN HAIGH	GBR
1:03.37	JENNY WHITELEY	AUS	2:46.33	AHELEE SUE OSBORN	USA	2:44.37	HEATHER CAMPBELL	RSA	11:31.45	DANIELLE OGIER	USA
1:05.27	HEATHER CAMPBELL	RSA	2:48.52	K.ANDRUS-HUGHES	USA	2:46.37	JEANNE CARLSEN	CAN	1500 M. FREE		
1:05.39	K.ANDRUS-HUGHES	USA	2:48.57	C.TARANTINO	ITA	2:46.68	AHELEE SUE OSBORN	USA	20:06.88	CHRISTIE CIRAULO	USA
1:06.21	ATIE PIJTAK	NED	2:54.70	DI COETZEE	RSA	2:47.12	MELINDA MANN	USA	21:47.06	BARBARA DUNBAR	USA
1:06.35	ANN SENN	USA	2:55.10	JENNY WHITELEY	AUS	2:49.11	AMANDA HEATH	GBR	21:58.41	ANN CAMPBELL	AUS
1:06.41	AHELEE SUE OSBORN	USA	2:55.31	CLARE DAVIE	RSA	2:49.59	ESTHER ISEPPI	SUI	22:01.50	MIRA GUGLIELMI	ITA
1:06.80	JENNY COOK	USA	2:56.10	KATHERINE BRANCH	USA	2:51.12	BIRGIT HEINIG	GER	22:02.93	SUSAN HAIGH	GBR
1:07.10	LAURA HARSEY	USA	2:56.47	UTE CIMDINS	GER	2:51.59	ATIE PIJTAK	NED	22:43.71	INEKE WEEKERS	NED
200 M. FREE			50 M. BRST			400 M. I.M.			23:16.27	SALLY GUTHRIE	USA
2:15.00	S.HEIM-BOWEN	USA	36.19	JENNY WHITELEY	AUS	5:46.34	JENNY WHITELEY	AUS	23:27.72	JEANNETTE BAUER	USA
2:17.00	JENNY WHITELEY	AUS	36.73	JAN CLARKSON	AUS	5:49.32	JENNY COOK	USA	23:35.65	MARISSA ROLLNICK	RSA
2:17.81	SHANE GOULD	AUS	38.21	DAGMAR FRESE	GER	5:50.27	JEANNE CARLSEN	CAN	23:36.30	MARIA VECCHI	ITA
2:22.88	JEANNE CARLSEN	CAN	38.59	ALISON NYE	GBR	5:54.69	S.HEIM-BOWEN	USA	50 M. BACK		
2:23.62	ATIE PIJTAK	NED	38.78	MELINDA MANN	USA	5:59.28	ESTHER ISEPPI	SUI	34.44	LAURA VAL	USA
2:23.66	HEATHER CAMPBELL	RSA	39.09	JENNY COOK	USA	6:04.94	MELINDA MANN	USA	35.87	BENEDICTE DUPREZ	FRA
2:24.33	AHELEE SUE OSBORN	USA	39.12	DEBBIE CAVANAUGH	USA	6:06.19	COLETTE CRABBE	USA	36.51	EVIE LYNCH	USA
2:24.78	JENNY COOK	USA	39.19	AMANDA HEATH	GBR	6:11.33	AHELEE SUE OSBORN	USA	36.61	MORAG BROMFIELD	RSA
2:26.65	JAN CLARKSON	AUS	39.37	BETH ESTEL	USA	6:11.48	HARUMI SUGINUMA	JPN	37.46	MAUREEN HUGHES	USA
2:27.66	STACEY WARMUTH	USA	39.72	KAREN MELICK	USA	6:12.00	AMANDA HEATH	GBR	38.00	HEATHER CAMPBELL	NZL
400 M. FREE			100 M. BRST			*****			38.03	PAT SARGEANT	USA
4:42.37	S.HEIM-BOWEN	USA	1:19.79	JENNY WHITELEY	AUS	*****			38.18	ANN GUINS	USA
4:50.37	JENNY WHITELEY	AUS	1:21.29	JAN CLARKSON	AUS	*****			38.52	MINDY DOUGHERTY	USA
4:51.73	SHANE GOULD	AUS	1:24.35	MELINDA MANN	USA	*****			38.53	JANETTE JEFFREY	AUS
4:57.19	JEANNE CARLSEN	CAN	1:24.37	DAGMAR FRESE	GER	50 M. FREE			100 M. BACK		
4:58.64	JENNY COOK	USA	1:24.83	AMANDA HEATH	GBR	28.69	LAURA VAL	USA	1:14.41	LAURA VAL	USA
5:01.06	AHELEE SUE OSBORN	USA	1:25.43	JENNY COOK	USA	29.36	HEATHER CAMPBELL	NZL	1:18.93	EVIE LYNCH	USA
5:03.55	ARANAZU ARANEGA	ESP	1:26.35	BETH ESTEL	USA	29.46	PAT SARGEANT	USA	1:19.37	BENEDICTE DUPREZ	FRA
5:08.47	STACEY WARMUTH	USA	1:28.07	AHELEE SUE OSBORN	USA	29.99	REGULA STEIGER	SUI	1:21.96	MORAG BROMFIELD	RSA
5:08.66	SUE KEARNEY	AUS	1:28.51	FRANCES PENWARDEN	GBR	30.94	DEBBIE GLASSMAN	USA	1:22.06	T.FREERKS	USA



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1:23.43	MINDY DOUGHERTY	USA	3:21.61	YURI SUETSUGU	JPN	11:59.62	ROSA MONTAGUE	AUS	3:29.62	MARGOT PETTIJOHN	USA
1:23.78	PAT SARGEANT	USA	3:24.45	M.JUHASZNE-TOTH	HUN	12:04.66	MARCIA BARRY	USA	3:30.56	TAMAE FURUYA	JPN
1:24.92	KARLENE DENBY	USA	3:24.72	V.ABUCHAIB	COL	12:08.35	JUDY WILSON	GBR	3:30.63	RITSUKO KUROSAWA	JPN
1:26.20	JANETTE JEFFREY	AUS	3:27.05	S.MORCHE-BLOCH	GER	12:09.26	LINDA SHOENBERGER	USA	3:31.19	ANNE ROSE TROBISCH	GER
1:26.28	MAUREEN HUGHES	USA	3:29.23	CATHERINE KOHN	USA	12:21.29	ELIZABETH SMITH	CAN	3:32.39	INGEBORG SEIDEL	GER
200 M. BRST			200 M. I.M.			12:25.86	SUZANNE DILLS	USA	3:33.78	KAYAKO HIROSE	JPN
2:47.98	EVIE LYNCH	USA	2:43.45	LAURA VAL	USA	12:41.10	BEVERLY MONTRELLA	USA	3:35.20	MEEGAN WILSON	USA
2:51.92	LAURA VAL	USA	2:49.12	HEATHER CAMPBELL	NZL	12:42.91	MARGARET ROUSE	GBR	3:37.85	RUFINA SERVALLS	ESP
2:58.22	ANNE CORK	GBR	2:58.01	JANETTE JEFFREY	AUS	12:48.03	PAULINE COOKE	GBR	3:38.92	HELEN JENKINS	GBR
2:58.97	MINDY DOUGHERTY	USA	2:58.24	PAT SARGEANT	USA	1500 M. FREE			50 M. FLY		
2:59.27	PAT SARGEANT	USA	3:00.64	C.CHANGANAQUI	PER	22:53.10	MARCIA BARRY	USA	33.88	RUTH SHAPS	USA
3:04.23	JANETTE JEFFREY	AUS	3:01.89	CATHY MERRITT	CAN	23:25.67	ELIZABETH SMITH	CAN	34.60	JUDY WILSON	GBR
3:04.99	DEB WALKER	USA	3:02.43	SUSAN HAIGH	GBR	23:35.28	ROSA MONTAGUE	AUS	34.92	RACHEL BARTON	GBR
3:05.72	CATHERINE KOHN	USA	3:04.38	DANIELLE OGIER	USA	24:02.43	BEVERLY MONTRELLA	USA	35.59	JAN WICKS	AUS
3:06.85	MORAG BROMFIELD	RSA	3:04.58	KRISSY MACCUDY	USA	24:22.67	RITSUKO KUROSAWA	JPN	36.02	LYNETTE STEVENSON	AUS
3:08.11	PAULINE INWOOD	GBR	3:04.85	CATHERINE KOHN	USA	24:25.47	JOANNE MENARD	USA	36.84	SARAH WELCH	USA
50 M. BRST			400 M. I.M.			24:52.10	JULIE CRAYFORD	GBR	37.00	YASUKO SOGA	JPN
39.27	PETRA SCHROER	GER	5:53.40	LAURA VAL	USA	25:26.54	JANET GETTLING	USA	37.38	BRIGITTE MERTEN	GER
39.63	BARBARA HUMMEL	USA	6:14.34	MIRA GUGLIELMI	ITA	25:38.95	KATHRINE CASEY	USA	37.71	SUSAN TYLER	USA
39.72	DEB WALKER	USA	6:22.58	PAT SARGEANT	USA	25:43.85	ROSE DUDENEY	GBR	37.88	CAROL FELLOWS	GBR
40.50	CORNELIA NEUBERT	GER	6:22.97	C.CHANGANAQUI	PER	50 M. BACK			100 M. FLY		
40.76	ULRIKE URBANIAK	GER	6:25.69	SUSAN HAIGH	GBR	36.94	RACHEL BARTON	GBR	1:20.44	JUDY WILSON	GBR
41.39	JENNIFER MERRITT	GBR	6:27.05	DANIELLE OGIER	USA	37.23	BETTYANN BARNETT	USA	1:22.55	BRIGITTE MERTEN	GER
41.74	REGULA STEIGER	SUI	6:30.06	JANETTE JEFFREY	AUS	37.33	MARGIT OHLSSON	SWE	1:26.62	SARAH WELCH	USA
42.19	CHRISTY HARTMAN	USA	6:35.62	CATHERINE KOHN	USA	37.88	LYNETTE STEVENSON	AUS	1:29.18	ELLEN ROCKHOLM	USA
42.22	MARGOT MILNE	AUS	6:36.41	BARBARA DUNBAR	USA	38.39	RUTH SHAPS	USA	1:31.58	SUSAN TYLER	USA
42.27	BRIGITTE KUHL	GER	6:43.81	INEKE WEEKERS	NED	38.57	PENNY STEELE	AUS	1:32.31	RITSUKO KUROSAWA	JPN
100 M. BRST						38.91	YOKO NAKAMURA	JPN	1:33.70	JULIE CRAYFORD	GBR
1:27.44	PETRA SCHROER	GER	*****			39.36	BITTE AXLING	SWE	1:33.78	MARGOT PETTIJOHN	USA
1:27.94	DEB WALKER	USA	*****	WOMEN 60-64		40.25	CLARY MUNNS	AUS	1:36.04	ROSA MONTAGUE	AUS
1:29.09	JENNIFER MERRITT	GBR	*****			40.51	CAROL FELLOWS	GBR	1:36.39	KEIKO HONDA	JPN
1:30.35	ULRIKE URBANIAK	GER	50 M. FREE			100 M. BACK			200 M. FLY		
1:30.76	BARBARA HUMMEL	USA	30.96	LYNETTE STEVENSON	AUS	1:20.65	BETTYANN BARNETT	USA	3:29.21	SARAH WELCH	USA
1:31.86	KRISSY MACCUDY	USA	31.91	F.WILLIAMSON	USA	1:22.78	MARGIT OHLSSON	SWE	3:31.31	ROSA MONTAGUE	AUS
1:32.38	CATHY MERRITT	CAN	32.23	AIDA DAVIS	PER	1:24.34	RUTH SHAPS	USA	3:31.52	RITSUKO KUROSAWA	JPN
1:32.39	JANETTE JEFFREY	AUS	32.29	RUTH SHAPS	USA	1:24.66	JULIE GUNTHERP	NZL	3:35.23	GINGER PIERSON	USA
1:34.70	MARGOT MILNE	AUS	32.51	RACHEL BARTON	GBR	1:25.78	LYNETTE STEVENSON	AUS	3:35.95	JULIE GUNTHERP	NZL
1:34.85	INEKE WEEKERS	NED	32.68	BITTE AXLING	SWE	1:26.34	PENNY STEELE	AUS	3:40.63	HARRIET BURE	SWE
200 M. BRST			32.82	BETTYANN BARNETT	USA	1:28.58	N.MIKHAYLOVA	RUS	3:41.96	PATRICIA JACKSON	GBR
3:11.56	JENNIFER MERRITT	GBR	33.07	ANN SHEERER	USA	1:29.62	BRIGITTE MERTEN	GER	3:44.15	EIKO ICHIKAWA	JPN
3:13.35	DEB WALKER	USA	33.63	BRIGITTE MERTEN	GER	1:30.26	CLARY MUNNS	AUS	3:44.34	JANET GETTLING	USA
3:15.10	ULRIKE URBANIAK	GER	33.67	YOKO NAKAMURA	JPN	1:31.35	SUSIE BRESLIN	GBR	3:48.39	DANIELA BARNEA	USA
3:20.29	MARGOT MILNE	AUS	100 M. FREE			200 M. BACK			200 M. I.M.		
3:20.96	CATHERINE KOHN	USA	1:09.29	F.WILLIAMSON	USA	3:02.30	MARGIT OHLSSON	SWE	3:01.39	BRIGITTE MERTEN	GER
3:23.98	INEKE WEEKERS	NED	1:10.51	RUTH SHAPS	USA	3:04.66	JULIE GUNTHERP	NZL	3:07.09	MARGIT OHLSSON	SWE
3:25.04	PETRA SCHROER	GER	1:11.93	AIDA DAVIS	PER	3:14.74	CLARY MUNNS	AUS	3:12.44	CAROLYN BOAK	USA
3:25.14	KRISSY MACCUDY	USA	1:13.49	BRIGITTE MERTEN	GER	3:16.94	N.MIKHAYLOVA	RUS	3:14.77	JULIE CRAYFORD	GBR
3:27.41	MIRA GUGLIELMI	ITA	1:13.65	LYNETTE STEVENSON	AUS	3:17.80	ELIZABETH SMITH	CAN	3:14.93	SARAH WELCH	USA
3:28.36	MARTHA ALEXANDER	USA	1:13.65	JUDY WILSON	GBR	3:17.90	JULIA KEMP	GBR	3:15.22	JULIE GUNTHERP	NZL
50 M. FLY			1:14.97	BETTYANN BARNETT	USA	3:18.43	ELLEN ROCKHOLM	USA	3:16.73	SUZANNE DILLS	USA
31.77	LAURA VAL	USA	1:15.04	DALE BARNHARD	USA	3:19.70	RUTH SHAPS	USA	3:17.69	MARGOT PETTIJOHN	USA
32.38	HEATHER CAMPBELL	NZL	1:15.94	CAROLYN BOAK	USA	3:19.97	MARCIA BARRY	USA	3:18.04	NOBUKO YASUDA	JPN
32.57	CHRISTIE CIRAULO	USA	1:16.24	CAROL FELLOWS	GBR	3:20.20	SUSIE BRESLIN	GBR	3:18.62	ANNE ROSE TROBISCH	GER
32.89	JANIE COLE	USA	200 M. FREE			50 M. BRST			400 M. I.M.		
33.04	PAT SARGEANT	USA	2:35.00	BETTYANN BARNETT	USA	40.81	JAN WICKS	AUS	6:30.75	BRIGITTE MERTEN	GER
33.81	CONNY BOER-BUYS	NED	2:37.91	F.WILLIAMSON	USA	42.00	MEEGAN WILSON	USA	6:47.23	CAROLYN BOAK	USA
34.49	C.CHANGANAQUI	PER	2:42.20	BRIGITTE MERTEN	GER	42.11	GINGER PIERSON	USA	6:57.56	JULIE GUNTHERP	NZL
34.97	JANETTE JEFFREY	AUS	2:43.68	JUDY WILSON	GBR	42.58	NOBUKO YASUDA	JPN	7:01.19	JULIE CRAYFORD	GBR
35.08	EVIE LYNCH	USA	2:46.71	CAROLYN BOAK	USA	42.73	ANNE ROSE TROBISCH	GER	7:04.37	RITSUKO KUROSAWA	JPN
35.11	V.ABUCHAIB	COL	2:47.02	AIDA DAVIS	PER	43.02	JULIE CRAYFORD	GBR	7:05.18	MARGOT PETTIJOHN	USA
100 M. FLY			2:47.84	CAROL FELLOWS	GBR	43.36	KAYAKO HIROSE	JPN	7:06.18	N.MIKHAYLOVA	RUS
1:09.96	LAURA VAL	USA	2:48.01	MARCIA BARRY	USA	43.45	MASAKO KAITO	JPN	7:09.23	SARAH WELCH	USA
1:16.18	PAT SARGEANT	USA	2:50.68	ELIZABETH SMITH	CAN	43.49	BRIGITTE MERTEN	GER	7:11.34	ROSA MONTAGUE	AUS
1:17.14	CHRISTIE CIRAULO	USA	2:51.44	LINDA SHOENBERGER	USA	43.57	JANET GETTLING	USA	7:15.57	ELSA CRAIG	RSA
1:20.95	MARILYN EARP	AUS	400 M. FREE			100 M. BRST			*****		
1:22.10	M.NEUMEISTER	GER	5:28.69	BETTYANN BARNETT	USA	1:31.41	DALE BARNHARD	USA	*****	WOMEN 65-69	
1:22.62	BARBARA DUNBAR	USA	5:33.08	F.WILLIAMSON	USA	1:32.69	GINGER PIERSON	USA	*****		
1:24.33	V.ABUCHAIB	COL	5:52.46	MARCIA BARRY	USA	1:33.31	NOBUKO YASUDA	JPN	*****		
1:27.08	C.CHANGANAQUI	PER	5:53.68	JUDY WILSON	GBR	1:34.85	BRIGITTE MERTEN	GER	50 M. FREE		
1:28.25	EIKO SAKAI	JPN	5:56.45	ROSA MONTAGUE	AUS	1:36.46	ANNE ROSE TROBISCH	GER	32.54	CHRISTEL SCHULZ	GER
1:28.33	YURI SUETSUGU	JPN	5:57.77	LINDA SHOENBERGER	USA	1:37.04	ESTER HOLDSSTEIN	ISR	33.04	KAYE BEER	AUS
200 M. FLY			6:00.13	CAROL FELLOWS	GBR	1:37.23	MARGOT PETTIJOHN	USA	33.10	JEN THOMASSON	AUS
3:02.92	M.NEUMEISTER	GER	6:01.17	ELIZABETH SMITH	CAN	1:37.58	KAYAKO HIROSE	JPN	33.98	IKUKO OKADO	JPN
3:05.77	CHRISTIE CIRAULO	USA	6:01.60	SUZANNE DILLS	USA	1:39.29	JULIE CRAYFORD	GBR	34.54	JEAN HOWARD-JONES	GBR
3:06.90	BARBARA DUNBAR	USA	6:03.37	JOANNE MENARD	USA	1:39.59	MEEGAN WILSON	USA	34.81	TOSHIE NODA	JPN
3:09.20	PAT SARGEANT	USA	800 M. FREE			200 M. BRST			35.31	RENATA BASTEK	POL
3:19.65	MARILYN EARP	AUS	11:24.14	BETTYANN BARNETT	USA	3:28.05	GINGER PIERSON	USA	35.48	NANCY RIDOUT	USA



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35.50	YOKO KANEMOTO	JPN	1:35.17	NORIKO YOSHIDA	JPN	4:18.06	P.KERSSE-VERBEKE	FRA	13:57.65	ANNE WILLIAMS	USA
35.53	MICHIE DOI	JPN	1:35.27	YOKO ARAI	JPN	4:18.44	REIKO NAGASAKU	JPN	13:59.69	MARGA SCHULZE	GER
100 M. FREE			200 M. BACK			4:21.57	JENNY WILLIAMS	AUS	14:10.99	DENISE ROBERTSON	AUS
1:13.25	CHRISTEL SCHULZ	GER	3:06.41	BONNIE PRONK	CAN	200 M. I.M.			14:15.15	BARBARA FENTIMAN	AUS
1:14.28	JEN THOMASSON	AUS	3:15.44	E.KETELSEN	DEN	3:12.48	CHRISTEL SCHULZ	GER	14:27.23	BETSY JORDAN	USA
1:15.75	JACKIE MARR	USA	3:15.75	JACKIE MARR	USA	3:13.33	JACKIE MARR	USA	14:41.73	PATRICIA BOND	USA
1:17.41	KAYE BEER	AUS	3:22.94	CHRISTEL SCHULZ	GER	3:17.26	BONNIE PRONK	CAN	14:49.67	LOTTIE GEURTS	NED
1:17.45	JEAN HOWARD-JONES	GBR	3:23.05	KAZUKO ITO	JPN	3:21.77	HANNELORE ROSE	GER	1500 M. FREE		
1:19.53	E.KETELSEN	DEN	3:24.68	SUE POLLARD	NZL	3:29.49	GERDA WILLIAMS	AUS	25:47.30	REIKO ISHIZAKI	JPN
1:19.75	JAN CROFT	AUS	3:24.92	JOY WARD	USA	3:29.50	KAZUKO ITO	JPN	27:13.09	BETSY JORDAN	USA
1:19.93	RENATA BASTEK	POL	3:25.03	GERDA WILLIAMS	AUS	3:30.34	GEORGIE HAMILTON	GBR	27:35.09	PATRICIA BOND	USA
1:20.90	IKUKO OKADO	JPN	3:26.38	NORIKO YOSHIDA	JPN	3:33.50	M.DI-CESARE	NZL	27:36.28	SUSAN MUNN	USA
1:21.59	CARROL WANNELL	AUS	3:30.19	HEIDI GUHL	GER	3:35.92	JOANN LEILICH	USA	27:51.37	SUMIRE ISHIHARA	JPN
200 M. FREE			50 M. BRST			3:37.71	RENATA BASTEK	POL	28:21.56	TERUKO MURAKAMI	JPN
2:42.26	CHRISTEL SCHULZ	GER	42.28	BONNIE PRONK	CAN	400 M. I.M.			28:41.10	RITA ANDROSONI	ITA
2:43.36	JEN THOMASSON	AUS	42.99	MONIKA SENTLEBEN	GER	6:54.46	JACKIE MARR	USA	28:52.25	JENNY BALL	GBR
2:45.42	JACKIE MARR	USA	43.83	DIANE FORD	GBR	7:05.17	HANNELORE ROSE	GER	28:58.79	JANE OBERG	USA
2:53.65	JAN CROFT	AUS	43.92	JOANN LEILICH	USA	7:13.77	BONNIE PRONK	CAN	29:23.42	JEAN KITSON	GBR
2:53.88	CARROL WANNELL	AUS	44.63	HANNELORE ROSE	GER	7:34.10	M.DI-CESARE	NZL	50 M. BACK		
2:55.26	HANNELORE ROSE	GER	46.00	NANCY BROOKS	USA	7:34.73	GEORGIE HAMILTON	GBR	40.84	PAM HUTCHINGS	AUS
2:55.90	E.KETELSEN	DEN	46.04	JEN THOMASSON	AUS	7:36.20	GERDA WILLIAMS	AUS	42.55	SHOKO YONEZAWA	JPN
2:58.05	PENNY WEBSTER	GBR	46.32	KIYOKO YONEDA	JPN	7:41.14	JOY WARD	USA	43.74	BETSY JORDAN	USA
3:01.03	IKUKO OKADO	JPN	46.85	LUISE KNOPFLE	GER	7:48.07	HERILENE FREITAS	BRA	44.02	ALICE KINNAIRD	AUS
3:01.68	LEA HILL	AUS	46.87	KAZUKO KAJIWARA	JPN	7:55.45	MARIA COSTA	BRA	45.09	HELEN BIRD	AUS
400 M. FREE			46.87	BARBARA FRID	USA	8:04.38	SACHIKO HASEGAWA	JPN	45.71	V.JOHANSSON	SWE
5:43.10	JEN THOMASSON	AUS	100 M. BRST						46.54	BRENDA WALKER	GBR
5:46.65	JACKIE MARR	USA	1:33.69	DIANE FORD	GBR	*****			46.64	INGRID LANGE	GER
6:03.43	HANNELORE ROSE	GER	1:34.53	BONNIE PRONK	CAN	WOMEN 70-74			47.06	U.MEYER-TONNDORF	GER
6:03.93	CARROL WANNELL	AUS	1:37.79	JOANN LEILICH	USA	*****			47.33	CARLA MAURI	USA
6:11.26	JAN CROFT	AUS	1:38.16	HANNELORE ROSE	GER	50 M. FREE			100 M. BACK		
6:13.35	PENNY WEBSTER	GBR	1:39.21	JEN THOMASSON	AUS	34.35	YOSHIKO OSAKI	JPN	1:34.68	YOSHIKO OSAKI	JPN
6:23.27	M.DI-CESARE	NZL	1:41.18	LUISE KNOPFLE	GER	35.32	PAM HUTCHINGS	AUS	1:34.72	PAM HUTCHINGS	AUS
6:23.97	E.KETELSEN	DEN	1:42.09	MONIKA SENTLEBEN	GER	36.87	BARBARA ZAREMSKI	USA	1:37.63	ALICE KINNAIRD	AUS
6:26.48	NORIKO YOSHIDA	JPN	1:44.61	MONIKA WARNUSZ	GER	37.08	FUSAKO HIROOKA	JPN	1:37.95	SHOKO YONEZAWA	JPN
6:28.44	MARIA PENNA	BRA	1:46.37	KAZUKO KAJIWARA	JPN	37.10	LOTTIE GEURTS	NED	1:38.71	V.JOHANSSON	SWE
800 M. FREE			1:46.75	ELSBETH FLICK	GER	37.45	JOHNNIE DETRICK	USA	1:39.22	HELEN BIRD	AUS
11:53.17	JEN THOMASSON	AUS	200 M. BRST			37.48	JEANNE LITTLE	USA	1:40.07	BRENDA WALKER	GBR
11:55.93	JACKIE MARR	USA	3:27.24	DIANE FORD	GBR	37.60	OLGA KREJCI	SUI	1:40.48	HARUMI SUGIMOTO	JPN
12:09.23	CARROL WANNELL	AUS	3:27.97	HANNELORE ROSE	GER	37.77	GYNT CLIFFORD	USA	1:41.38	BETSY JORDAN	USA
12:22.54	JAN CROFT	AUS	3:28.49	BONNIE PRONK	CAN	37.92	FUMIKO NAKAMURA	JPN	1:42.18	MISAO MATSUMOTO	JPN
12:23.88	HANNELORE ROSE	GER	3:32.07	JEN THOMASSON	AUS	100 M. FREE			200 M. BACK		
12:37.93	PENNY WEBSTER	GBR	3:34.59	JOANN LEILICH	USA	1:16.50	YOSHIKO OSAKI	JPN	3:29.39	PAM HUTCHINGS	AUS
12:56.28	E.KETELSEN	DEN	3:37.31	LUISE KNOPFLE	GER	1:20.31	PAM HUTCHINGS	AUS	3:35.26	MISAO MATSUMOTO	JPN
13:01.69	NORIKO YOSHIDA	JPN	3:43.12	MONIKA WARNUSZ	GER	1:20.99	HELGA REICH	GER	3:36.31	BRENDA WALKER	GBR
13:20.15	JANE KATZ	USA	3:48.19	ELSBETH FLICK	GER	1:25.24	LOTTIE GEURTS	NED	3:37.25	BETSY JORDAN	USA
13:23.91	MARIA PENNA	BRA	3:48.69	GERDA WILLIAMS	AUS	1:26.35	SUSAN MUNN	USA	3:37.61	HELEN BIRD	AUS
1500 M. FREE			3:49.40	INGRID LUNING	GER	1:26.89	BARBARA ZAREMSKI	USA	3:40.34	ALICE KINNAIRD	AUS
22:40.65	JEN THOMASSON	AUS	50 M. FLY			1:27.23	DENISE ROBERTSON	AUS	3:42.34	HARUMI SUGIMOTO	JPN
23:07.49	JACKIE MARR	USA	36.15	CHRISTEL SCHULZ	GER	1:28.05	JEANNE LITTLE	USA	3:43.93	PATRICIA BOND	USA
24:38.19	NORIKO YOSHIDA	JPN	36.50	MICHIE DOI	JPN	1:28.82	CHISATO MIYAWAKI	JPN	3:44.63	SUSAN LIVINGSTON	USA
24:38.62	PENNY WEBSTER	GBR	39.07	BARBARA FRID	USA	1:29.16	JUNKO EMOTO	JPN	3:45.46	MARGIT JEBE	USA
25:38.47	SARAH KOPSKY	USA	40.17	SARAH KOPSKY	USA	200 M. FREE			50 M. BRST		
25:46.96	KATE COLEMAN	USA	40.54	JOY WARD	USA	2:49.80	YOSHIKO OSAKI	JPN	45.70	SHOKO YONEZAWA	JPN
26:03.25	GERDA WILLIAMS	AUS	40.95	JEAN HOWARD-JONES	GBR	3:03.22	PAM HUTCHINGS	AUS	46.93	MURIEL HITCHCOCK	GBR
26:13.40	MARIA PENNA	BRA	40.97	CLAIRE O'DWYER	IRL	3:04.75	HELGA REICH	GER	47.27	ELIANE PELLIS	BEL
26:44.01	YUKIKO ITO	JPN	41.43	IKUKO OKADO	JPN	3:06.67	REIKO ISHIZAKI	JPN	47.33	GISELA GRUNER	GER
26:56.91	JENNIFER PARKS	USA	41.66	HIROKO INAMI	JPN	3:12.54	BETSY JORDAN	USA	47.33	MARGIT JEBE	USA
50 M. BACK			41.88	HANNELORE ROSE	GER	3:13.48	SUSAN MUNN	USA	47.84	KUMIE TOKUDA	JPN
40.56	BONNIE PRONK	CAN	100 M. FLY			3:13.69	DENISE ROBERTSON	AUS	48.45	MASAYO AZUMA	JPN
41.25	E.KETELSEN	DEN	1:34.64	HANNELORE ROSE	GER	3:14.07	LOTTIE GEURTS	NED	48.54	A.OBERGHEIN	BEL
41.62	YOKO ARAI	JPN	1:37.76	GEORGIE HAMILTON	GBR	3:16.12	CAROL MACPHERSON	USA	48.64	ANNA SUMMERER	GER
42.36	CHRISTEL SCHULZ	GER	1:41.42	JACKIE MARR	USA	3:16.33	V.JOHANSSON	SWE	49.85	SUE MAYNE	AUS
42.80	SUE POLLARD	NZL	1:43.54	JOY WARD	USA	400 M. FREE			100 M. BRST		
42.82	RENATE ZSCHOCKELT	GER	1:48.98	MONIKA SENTLEBEN	GER	5:54.97	YOSHIKO OSAKI	JPN	1:40.29	SHOKO YONEZAWA	JPN
43.59	JOY WARD	USA	1:49.16	BONNIE PRONK	CAN	6:26.35	REIKO ISHIZAKI	JPN	1:42.57	YOSHIKO OSAKI	JPN
43.84	GERDA WILLIAMS	AUS	1:49.62	KATE COLEMAN	USA	6:30.14	HELGA REICH	GER	1:43.90	MASAYO AZUMA	JPN
44.05	RENATA BASTEK	POL	1:49.88	KRYSZYNA FECICA	POL	6:44.18	DENISE ROBERTSON	AUS	1:44.46	MARGIT JEBE	USA
44.07	KAZUKO ITO	JPN	1:51.34	MARIA COSTA	BRA	6:50.22	LOTTIE GEURTS	NED	1:45.98	A.OBERGHEIN	BEL
100 M. BACK			1:52.56	HARU TSUKINO	JPN	6:51.95	MARGA SCHULZE	GER	1:46.04	ELIANE PELLIS	BEL
1:26.61	BONNIE PRONK	CAN	200 M. FLY			6:53.96	CAROL MACPHERSON	USA	1:46.62	MURIEL HITCHCOCK	GBR
1:26.72	E.KETELSEN	DEN	3:31.18	HANNELORE ROSE	GER	6:56.77	ANNE WILLIAMS	USA	1:47.10	KUMIE TOKUDA	JPN
1:32.39	JACKIE MARR	USA	3:50.77	GEORGIE HAMILTON	GBR	6:56.98	BARBARA FENTIMAN	AUS	1:50.83	TAYO FUJIEDA	JPN
1:32.82	CHRISTEL SCHULZ	GER	3:51.77	JOY WARD	USA	6:58.58	SUSAN MUNN	USA	1:51.02	ANNE WILLIAMS	USA
1:32.82	KAZUKO ITO	JPN	4:04.68	MARIA COSTA	BRA	800 M. FREE			200 M. BRST		
1:33.32	GERDA WILLIAMS	AUS	4:14.62	SIGRID KOCH	GER	12:39.66	YOSHIKO OSAKI	JPN	3:42.88	MASAYO AZUMA	JPN
1:33.69	SUE POLLARD	NZL	4:15.44	JARMILA SEBENOVA	SVK	13:16.51	REIKO ISHIZAKI	JPN	3:49.62	KUMIE TOKUDA	JPN
1:35.02	JOY WARD	USA	4:16.80	ANITA SAVIANE	AUS	13:20.83	HELGA REICH	GER	3:52.64	MURIEL HITCHCOCK	GBR

FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

3:52.70	MARGIT JEBE	USA	100 M. FREE	200 M. BACK	200 M. I.M.	
3:53.56	A.OBERGHEIN	BEL	1:21.11 JANE ASHER	GBR 3:41.14 JANE ASHER	GBR 3:46.64 JANE ASHER	GBR
3:54.23	ANNE WILLIAMS	USA	1:31.89 MITSUKO KOMURO	JPN 3:51.79 MARLENE MENDES	BRA 3:57.16 ANN HIRSCH	USA
3:54.88	ELIANE PELLIS	BEL	1:35.65 AIKO HORII	JPN 4:01.44 CONNY STAMHUIS	CAN 4:10.33 ELIANE PELLIS	BEL
3:57.32	TAYO FUJIEDA	JPN	1:36.58 DOROTHY DICKEY	AUS 4:01.89 NANCY KINNEY	USA 4:11.20 MICHIKO OKUMURA	JPN
3:57.92	HIROKO OTANI	JPN	1:36.87 LAVELLE STOINOFF	USA 4:12.21 ANN HIRSCH	USA 4:14.55 BARBARA CALLISON	USA
4:03.38	DIANE STOWELL	USA	1:37.20 NAN BOHL	USA 4:15.19 TAKAKO SATO	JPN 4:18.95 KII SAITO	JPN
50 M. FLY			1:37.33 MICHIKO OKUMURA	JPN 4:16.37 BARBARA CALLISON	USA 4:19.78 NANCY KINNEY	USA
38.65	HARUMI SUGIMOTO	JPN	1:38.03 REIKO YAMAGUCHI	JPN 4:16.49 AIKO GOTO	JPN 4:20.45 SYLVIA NEUHAUSER	AUT
39.30	YOSHIKO OSAKI	JPN	1:41.50 TOSHIKO WADA	JPN 4:17.73 YOSHIKO IKEUCHI	JPN 4:28.21 MARLENE MENDES	BRA
43.64	HAIKE HOELER	GER	1:41.99 MUTSUKO KURUSHIMA	JPN 4:22.64 JILL COLEMAN	USA 4:31.69 HISAKO KOBAYASHI	JPN
44.19	BETSY JORDAN	USA	200 M. FREE	50 M. BRST	400 M. I.M.	
44.43	FUMIKO NAKAMURA	JPN	2:56.57 JANE ASHER	GBR 47.27 ELIANE PELLIS	BEL 7:59.28 JANE ASHER	GBR
45.00	HELGA REICH	GER	3:31.11 DOROTHY DICKEY	AUS 48.54 A.OBERGHEIN	BEL 8:40.51 ANN HIRSCH	USA
45.79	GYNT CLIFFORD	USA	3:31.56 MICHIKO OKUMURA	JPN 50.20 ANTOINETTE RODAHL	NZL 9:26.80 BARBARA CALLISON	USA
46.17	JEANNE LITTLE	USA	3:33.21 MARLENE MENDES	BRA 51.55 ANN HIRSCH	USA 9:39.52 MARLENE MENDES	BRA
46.93	MIDORI USUI	JPN	3:33.42 MIEKO MATSUKAWA	JPN 53.89 ERIKA LOPES	BRA 10:06.18 TOSHIE YOSHIDA	JPN
47.05	YOSHIKO IZUMINAGA	JPN	3:33.49 AIKO HORII	JPN 54.49 JANE ASHER	GBR 10:14.16 B.MOLLER-JENSEN	DEN
100 M. FLY			3:33.76 MITSUKO KOMURO	JPN 54.74 LILLY KRON	USA 10:29.25 NANCY DURSTEIN	USA
1:34.51	YOSHIKO OSAKI	JPN	3:37.03 ELIANE PELLIS	BEL 56.10 SETSUKO OKUBO	JPN 10:44.89 JOAN CAMPBELL	USA
1:47.00	HELGA REICH	GER	3:38.29 MARY TUSA	USA 56.11 CAROL TAYLOR	USA 11:07.21 CHIYO FUKUSHIMA	JPN
1:49.96	HAIKE HOELER	GER	3:38.54 YOSHIKO IKEUCHI	JPN 56.48 CONNY STAMHUIS	CAN 12:11.46 JEAN DUNCAN	USA
1:50.55	LUCILLE GRIFFIN	USA	400 M. FREE	100 M. BRST		
1:50.70	GYNT CLIFFORD	USA	6:13.74 JANE ASHER	GBR 1:45.98 A.OBERGHEIN	BEL *****	
1:51.40	BETSY JORDAN	USA	7:17.30 DOROTHY DICKEY	AUS 1:46.04 ELIANE PELLIS	BEL WOMEN 80-84	
1:52.59	ENEDINA PEREIRA	BRA	7:25.37 AIKO HORII	JPN 1:50.99 ANN HIRSCH	USA *****	
1:55.51	MARGIT JEBE	USA	7:28.67 MICHIKO OKUMURA	JPN 1:53.31 ANTOINETTE RODAHL	NZL 50 M. FREE	
1:57.23	MIDORI USUI	JPN	7:30.75 LAVELLE STOINOFF	USA 1:58.18 JANE ASHER	GBR 42.64 MIEKO KAMOSHITA	JPN
1:57.83	CHRISTA SVOBODOVA	CZE	7:31.60 YOSHIKO KINOSHITA	JPN 1:59.32 LILLY KRON	USA 42.80 BETTY RUSS	USA
200 M. FLY			7:31.80 MIEKO MATSUKAWA	JPN 2:04.03 SETSUKO OKUBO	JPN 43.33 KIMIKO RI	JPN
3:48.75	HELGA REICH	GER	7:32.47 ELIANE PELLIS	BEL 2:04.41 NORIKO KIMURA	JPN 43.59 CHIE TANI	JPN
4:02.86	ENEDINA PEREIRA	BRA	7:35.86 NAN BOHL	USA 2:05.32 SYLVIA NEUHAUSER	AUT 44.00 BRITT GRILLI	SWE
4:04.75	MURIEL HITCHCOCK	GBR	7:46.48 MARY TUSA	USA 2:06.29 MASAE KURATA	JPN 44.34 JEAN TROY	USA
4:08.36	LUCILLE GRIFFIN	USA	800 M. FREE	200 M. BRST		
4:13.55	BETSY JORDAN	USA	13:23.17 JANE ASHER	GBR 3:53.56 A.OBERGHEIN	BEL 46.13 KERSTIN GJORES	SWE
4:18.34	CHRISTA SVOBODOVA	CZE	14:58.35 DOROTHY DICKEY	AUS 3:54.88 ELIANE PELLIS	BEL 46.22 G. MCKENZIE-HICKS	AUS
4:31.71	SUSAN LIVINGSTON	USA	15:28.46 MICHIKO OKUMURA	JPN 4:01.64 ANN HIRSCH	USA 46.67 JOAN PARNELL	CAN
4:41.40	RITA ANDROSONI	ITA	15:38.76 YOSHIKO KINOSHITA	JPN 4:10.76 ANTOINETTE RODAHL	NZL 100 M. FREE	
4:43.69	MASUNO MASUDA	JPN	15:51.00 FRANCA PARODI	ITA 4:21.65 LILLY KRON	USA 1:41.63 JEAN TROY	USA
4:48.14	TEIKO KUBOTA	JPN	15:55.93 MIEKO MATSUKAWA	JPN 4:25.43 NORIKO KIMURA	JPN 1:42.04 CHIE TANI	JPN
200 M. I.M.			16:21.51 ANN HIRSCH	USA 4:27.45 SETSUKO OKUBO	JPN 1:43.01 M. CUNNINGHAM	AUS
3:13.19	YOSHIKO OSAKI	JPN	16:51.54 FRANCES MCINTOSH	CAN 4:31.71 TOSHIE YOSHIDA	JPN 1:43.84 G. MCKENZIE-HICKS	AUS
3:47.80	BETSY JORDAN	USA	16:52.23 DIONNE CALDWELL	USA 4:35.28 NADIR TAUBERT	BRA 1:45.20 BETTY RUSS	USA
3:48.21	MARGIT JEBE	USA	17:23.60 LIDA GASCHKE	USA 4:35.29 ANNE JOLIVARD	FRA 1:46.85 BETTY LORENZI	USA
3:49.34	HELGA REICH	GER	1500 M. FREE	50 M. FLY		
3:51.31	KEIKO YAMADA	JPN	28:54.65 MICHIKO OKUMURA	JPN 42.21 JANE ASHER	GBR 1:49.13 LIZ WALLIS	AUS
3:57.08	HELEN BIRD	AUS	30:12.88 YOSHIKO KINOSHITA	JPN 50.37 BARBARA CALLISON	USA 1:50.02 SYLVIA BALOGH	CAN
3:57.89	GYNT CLIFFORD	USA	30:33.69 DOROTHY DICKEY	AUS 53.18 HIROKO KATANO	JPN 1:52.41 YOKO KOBAYASHI	JPN
3:59.06	PATRICIA BOND	USA	30:54.60 ELIANE PELLIS	BEL 53.39 TOSHIKO WADA	JPN 200 M. FREE	
3:59.14	ANNEMARIE LUDICKE	GER	31:31.76 FRANCES MCINTOSH	CAN 57.00 YOSHIKO IKEUCHI	JPN 3:39.06 JEAN TROY	USA
3:59.17	SUSAN MUNN	USA	32:14.58 DIONNE CALDWELL	USA 57.04 ELVERA VICKERY	AUS 3:41.31 G. MCKENZIE-HICKS	AUS
400 M. I.M.			33:01.28 SUGIYO MIYAZAKI	JPN 57.23 MICHIKO OKUMURA	JPN 3:44.41 BETTY LORENZI	USA
6:54.93	YOSHIKO OSAKI	JPN	33:06.08 JOAN CAMPBELL	USA 58.06 DIONNE CALDWELL	USA 3:44.93 BRITT GRILLI	SWE
7:45.33	HELGA REICH	GER	33:15.87 JEAN DUNCAN	USA 58.25 ANN HIRSCH	USA 3:56.31 LIZ WALLIS	AUS
8:04.75	BETSY JORDAN	USA	34:36.01 MITSUE KASAI	JPN 59.18 SYLVIA NEUHAUSER	AUT 3:56.45 EDIE GRUENDER	USA
8:24.61	ANNEMARIE LUDICKE	GER	50 M. BACK	100 M. FLY		
8:33.98	SUSAN LIVINGSTON	USA	45.87 JANE ASHER	GBR 1:57.15 JANE ASHER	GBR 4:00.94 SYLVIA BALOGH	CAN
8:36.42	LUCILLE GRIFFIN	USA	49.00 MARLENE MENDES	BRA 2:03.99 KII SAITO	JPN 4:02.15 BETTY RUSS	USA
8:37.32	ENEDINA PEREIRA	BRA	49.60 KAZUKO KABASAWA	JPN 2:06.85 HIROKO KATANO	JPN 4:06.31 KIKUE ONUMA	JPN
8:41.94	SUE MAYNE	AUS	51.14 NANCY KINNEY	USA 2:07.02 SYLVIA NEUHAUSER	AUT 400 M. FREE	
8:44.62	TERUKO MURAKAMI	JPN	51.75 KIMIKO OOKA	JPN 2:09.41 ANN HIRSCH	USA 7:51.67 G. MCKENZIE-HICKS	AUS
8:48.15	HELEN BIRD	AUS	52.10 CONNY STAMHUIS	CAN 2:18.52 BARBARA CALLISON	USA 8:02.52 BETTY LORENZI	USA
			52.21 MITSUKO KOMURO	JPN 2:27.91 CHIYO FUKUSHIMA	JPN 8:04.45 BRITT GRILLI	SWE
*****			52.64 KEIKO FUJIMOTO	JPN 2:28.01 LILLY KRON	USA 8:06.95 BETTY RUSS	USA
*****			52.86 TAKAKO SATO	JPN 2:32.29 SYLVIA EISELE	USA 8:11.70 ELIZABETH WALLIS	AUS
*****			53.12 KIKUYO NISHIDA	JPN 2:36.17 B.MOLLER-JENSEN	DEN 8:32.69 CHISE IBE	JPN
50 M. FREE			100 M. BACK	200 M. FLY		
35.88	JANE ASHER	GBR	1:38.92 JANE ASHER	GBR 5:01.91 HIROKO KATANO	JPN 8:40.24 EDIE GRUENDER	USA
39.62	ELIANE PELLIS	BEL	1:47.00 MARLENE MENDES	BRA 5:03.48 LILLY KRON	USA 8:49.72 SYLVIA BALOGH	CAN
39.85	MITSUKO KOMURO	JPN	1:54.70 NANCY KINNEY	USA 5:26.56 NADIR TAUBERT	BRA 9:01.09 TOMIKO MAKITA	JPN
40.86	MICHIKO UNOKI	JPN	1:54.97 CONNY STAMHUIS	CAN 5:35.87 THELMA BRYAN	AUS 800 M. FREE	
41.20	TOSHIKO WADA	JPN	1:55.08 ANN HIRSCH	USA 5:54.99 NANCY DURSTEIN	USA 16:04.82 BRITT GRILLI	SWE
41.24	MUTSUKO KURUSHIMA	JPN	1:55.67 KIMIKO OOKA	JPN 6:00.14 JOAN CAMPBELL	USA 16:09.92 BETTY LORENZI	USA
41.45	KIMIKO YOSHINAGA	JPN	1:55.87 YOSHIKO IKEUCHI	JPN 6:07.23 HARUKO SASAKI	JPN 16:21.46 G. MCKENZIE-HICKS	AUS
41.62	KII SAITO	JPN	1:57.28 TAKAKO SATO	JPN 6:14.99 AILSA DUNCAN	AUS 16:23.08 EDIE GRUENDER	USA
41.97	SACHIKO NAKANISHI	JPN	1:58.75 KEIKO FUJIMOTO	JPN 7:14.27 JEAN DUNCAN	USA 16:51.59 LIZ WALLIS	AUS
42.27	MICHIKO OKUMURA	JPN	1:59.62 AIKO GOTO	JPN 7:21.24 LUIZA SILVA	BRA 17:48.94 BETTY RUSS	USA



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

17:49.42 SYLVIA BALOGH CAN	5:32.81 ANN TODD AUS	2:18.97 JOYCE O'FARRELL AUS	1:31.37 MARION DEVITT CAN
18:35.22 ELSA DE LEEUW CAN	6:00.69 AMY MULCRONE AUS	2:19.86 LIS KNUTZEN DEN	100 M. BRST
19:06.40 Y.KAPLAN-BADER FRA	6:10.53 LOIS KIVI NOCHMAN USA	2:21.78 NAKA FUKUOKA JPN	2:39.76 MARJORIE STONE USA
19:36.40 LOIS KIVI NOCHMAN USA	6:20.24 HARUKO ISHIHARA JPN	2:22.74 INGEBOG FRITZE GER	2:44.73 INGEBOG FRITZE GER
1500 M. FREE	50 M. FLY	200 M. FREE	2:52.78 NAKA FUKUOKA JPN
30:27.88 BETTY LORENZI USA	59.08 JEAN TROY USA	4:12.69 MARGERY MEYER USA	2:54.58 JAE HOWELL USA
33:06.70 EDIE GRUENDER USA	59.71 LOIS KIVI NOCHMAN USA	4:21.21 MAURINE KORNFELD USA	2:58.00 MARGERY MEYER USA
34:08.91 BETTY RUSS USA	1:01.95 CHIE TANI JPN	4:29.99 MARJORIE STONE USA	3:03.61 ALISON WORRAL AUS
34:37.95 SYLVIA BALOGH CAN	1:02.92 Y.KAPLAN-BADER FRA	4:51.75 FUMI MURATA JPN	3:06.26 JUNE REYNOLDS USA
34:58.38 ELSA DE LEEUW CAN	1:03.38 SOKO KANESUE JPN	4:52.86 JOYCE O'FARRELL AUS	3:10.11 BARBARA BOHM GER
35:21.95 LOIS KIVI NOCHMAN USA	1:03.63 EDITH BOHM GER	4:59.84 CHIYOKO TAKIZAWA JPN	3:25.54 TSUNEO NAGASHIMA JPN
39:11.10 VAL LINCOLN AUS	1:07.25 EDIE GRUENDER USA	5:05.55 INGEBOG FRITZE GER	3:30.47 MARION DEVITT CAN
39:46.01 PEGGY SANBORN USA	1:07.66 M. CUNNINGHAM AUS	5:08.36 LIS KNUTZEN DEN	200 M. BRST
41:36.05 TOSHIKO AMANO JPN	1:08.01 YOKO KOBAYASHI JPN	5:14.01 FRITZE INGEBOG GER	5:58.44 INGEBOG FRITZE GER
42:12.08 MIEKO NAKANO JPN	1:08.39 AKIKO ONOHARA JPN	5:16.24 L.HOSCHKE-LENGEFE GER	6:11.10 NAKA FUKUOKA JPN
50 M. BACK	100 M. FLY	400 M. FREE	6:43.28 JUNE REYNOLDS USA
50.28 BETTY LORENZI USA	2:14.91 Y.KAPLAN-BADER FRA	9:13.78 MAURINE KORNFELD USA	6:44.71 BARBARA BOHM GER
51.65 KERSTIN GJORES SWE	2:27.50 LOIS KIVI NOCHMAN USA	9:36.91 MARJORIE STONE USA	7:51.64 PAULINE BENJAMIN AUS
52.93 JOAN PARNELL CAN	2:30.43 BETTY RUSS USA	10:27.54 CHIYOKO TAKIZAWA JPN	50 M. FLY
54.05 EDITH BOHM GER	2:34.51 JEAN TROY USA	10:42.72 JOYCE O'FARRELL AUS	1:12.68 YONE MURATA JPN
56.08 YOKO KOBAYASHI JPN	2:38.14 EDIE GRUENDER USA	12:06.83 JOY GRANGE AUS	1:19.49 JUNE REYNOLDS USA
57.79 KAZUKO TAGUCHI JPN	2:46.30 CHIE TANI JPN	13:01.43 PAULINE BENJAMIN AUS	1:20.00 MAURINE KORNFELD USA
59.77 EDIE GRUENDER USA	3:09.64 NORA RONAI BRA	13:07.31 ANNE POTTIER FRA	1:24.39 JAE HOWELL USA
1:00.46 JOAN KIDD GBR	3:18.35 GLADYS OLSEN USA	13:59.95 DOROTHY COLBERT AUS	1:26.71 MARGERY MEYER USA
1:00.59 SUSAN HALTER GBR	3:46.92 ROSEMARY BROMWICH AUS	22:03.24 ELFIE STEVENIN USA	1:31.88 ALISON WORRALL AUS
1:01.45 G.SCHOBEL-GRASS GER	4:58.32 GLORIA STUPFEL USA	800 M. FREE	1:55.20 RUTH MANFREDI USA
100 M. BACK	200 M. FLY	18:24.60 MAURINE KORNFELD USA	2:53.58 KIYOMI KITAMURA JPN
1:51.26 BETTY LORENZI USA	4:59.45 LOIS KIVI NOCHMAN USA	19:27.47 MARJORIE STONE USA	2:54.86 ELFIE STEVENIN USA
1:57.92 KERSTIN GJORES SWE	5:11.67 Y.KAPLAN-BADER FRA	21:36.95 JOYCE O'FARRELL AUS	100 M. FLY
1:58.43 JOAN PARNELL CAN	5:12.38 BETTY RUSS USA	21:37.20 CHIYOKO TAKIZAWA JPN	3:06.35 JUNE REYNOLDS USA
2:05.55 YOKO KOBAYASHI JPN	5:51.81 EDIE GRUENDER USA	1500 M. FREE	3:07.97 JAE HOWELL USA
2:08.20 KAZUKO TAGUCHI JPN	7:08.30 GLADYS OLSEN USA	36:55.39 MARGERY MEYER USA	3:54.55 ANNE POTTIER FRA
2:09.22 G.SCHOBEL-GRASS GER	8:06.67 NORA RONAI BRA	41:47.06 CHIYOKO TAKIZAWA JPN	7:12.54 ELFIE STEVENIN USA
2:10.88 JOAN KIDD GBR	9:57.92 GLORIA STUPFEL USA	46:39.08 JOYCE O'FARRELL AUS	200 M. FLY
2:11.23 ERIKA LANGE GER	200 M. I.M.	50 M. BACK	6:19.11 JAE HOWELL USA
2:16.00 G. MCKENZIE-HICKS AUS	4:30.11 JEAN TROY USA	58.34 MARGERY MEYER USA	8:20.86 ANNE POTTIER FRA
2:17.78 DORIS STEADMAN USA	4:42.67 CHIE TANI JPN	59.49 SILVIA CRAVERI ITA	200 M. I.M.
200 M. BACK	4:43.59 EDIE GRUENDER USA	1:00.77 BETTY CHRISTIAN USA	5:53.03 JAE HOWELL USA
4:01.04 BETTY LORENZI USA	4:53.66 Y.KAPLAN-BADER FRA	1:02.59 HANA ENATSU JPN	5:58.89 JUNE REYNOLDS USA
4:20.04 KERSTIN GJORES SWE	5:04.43 LOIS KIVI NOCHMAN USA	1:09.65 MASAE SHIMURA JPN	9:09.37 KIYOMI KITAMURA JPN
4:20.79 JOAN PARNELL CAN	5:48.58 NORA RONAI BRA	1:10.96 TSUNEO NAGASHIMA JPN	11:13.06 ELFIE STEVENIN USA
4:23.20 G.SCHOBEL-GRASS GER	5:50.09 GLADYS OLSEN USA	1:11.33 KIKUE ISHII JPN	400 M. I.M.
4:29.04 ERIKA LANGE GER	6:31.74 ROSEMARY BROMWICH AUS	1:11.68 L.HOSCHKE-LENGEFE GER	12:21.90 JAE HOWELL USA
4:30.16 SATO OHASHI JPN	6:46.04 TOSHIKO AMANO JPN	1:12.12 JOY GRANGE AUS	14:32.62 ANNE POTTIER FRA
4:45.85 G. MCKENZIE-HICKS AUS	7:45.45 JO HEATH AUS	1:12.69 M.TAKABAYASHI JPN	22:27.05 ELFIE STEVENIN USA
4:54.43 PEGGY SANBORN USA	400 M. I.M.	100 M. BACK	
4:56.11 DORIS STEADMAN USA	9:53.91 JEAN TROY USA	2:16.27 SILVIA CRAVERI ITA	*****
4:57.57 KATHLEEN GRIMMER GBR	10:12.77 BETTY RUSS USA	2:17.71 MARGERY MEYER USA	*****
50 M. BRST	10:33.43 EDIE GRUENDER USA	2:19.10 HANA ENATSU JPN	*****
53.36 EDITH BOHM GER	10:42.95 LOIS KIVI NOCHMAN USA	2:29.42 MAURINE KORNFELD USA	50 M. FREE
58.53 ERIKA LANGE GER	12:30.14 NORA RONAI BRA	2:33.79 FUMI MURATA JPN	56.87 RITA SIMONTON USA
59.45 JOAN KIDD GBR	12:43.47 GLADYS OLSEN USA	2:36.11 LISA FRIIS DEN	1:09.79 JOAN GODSALL AUS
59.47 SAYOKO WATANABE JPN	14:14.38 ROSEMARY BROMWICH AUS	2:38.16 L.HOSCHKE-LENGEFE GER	1:12.88 KATH JOHNSTONE NZL
1:02.62 EIKO MORI JPN	16:32.85 JO HEATH AUS	2:41.46 TRUDY BULLIVANT AUS	1:14.78 KIKU ONO JPN
1:02.88 KIMIE KANAI JPN	18:22.46 GLORIA STUPFEL USA	2:47.00 ALISON WORRALL AUS	1:18.03 YOSHIKO WATANABE JPN
1:03.83 M. CUNNINGHAM AUS		2:47.97 INGEBOG FRITZE GER	1:22.14 MASAKO MATSUNO JPN
1:04.73 KATHLEEN GRIMMER GBR	*****	200 M. BACK	1:25.61 MARY LATHRAM USA
1:05.48 BARBARA VICKERS AUS	*****	5:25.86 MAURINE KORNFELD USA	1:40.16 JENNIE TAYLOR USA
1:05.61 JEAN TROY USA	*****	5:28.30 JOY GRANGE AUS	1:42.72 CLARICE ARTIS AUS
100 M. BRST	50 M. FREE	5:37.23 ANNE POTTIER FRA	1:44.51 MARY GARTON AUS
2:13.50 ERIKA LANGE GER	47.85 MARGERY MEYER USA	5:37.44 INGEBOG FRITZE GER	100 M. FREE
2:14.40 SAYOKO WATANABE JPN	54.47 HANA ENATSU JPN	5:42.00 TRUDY BULLIVANT AUS	2:03.52 RITA SIMONTON USA
2:19.80 JOAN KIDD GBR	54.62 SUGAKO KUWAYAMA JPN	5:53.81 MARGERY MEYER USA	2:41.52 JOAN GODSALL AUS
2:19.89 YOKO KOBAYASHI JPN	54.74 BETTY CHRISTIAN USA	6:02.09 MARIE HARRIS AUS	2:47.07 KATH JOHNSTONE NZL
2:20.36 BARBARA VICKERS AUS	56.38 MAURINE KORNFELD USA	7:07.09 JUNE REYNOLDS USA	2:50.67 KIKU ONO JPN
2:29.23 JEAN TROY USA	57.17 YONE MURATA JPN	7:33.04 KIYO NIWA JPN	3:15.78 MARY LATHRAM USA
2:31.40 M. CUNNINGHAM AUS	57.61 JOYCE FAUNCE AUS	7:47.05 NANCY AYRES AUS	3:19.05 MASAKO MATSUNO JPN
2:31.65 KATHLEEN GRIMMER GBR	57.76 FUMI MURATA JPN	50 M. BRST	3:33.20 MARY GARTON AUS
2:35.49 G.SCHOBEL-GRASS GER	1:00.37 JOYCE O'FARRELL AUS	1:07.23 MARJORIE STONE USA	3:42.72 CLARICE ARTIS AUS
2:35.61 BARBRO THORNELOF SWE	1:01.26 TEI SAKAGUCHI JPN	1:08.28 INGEBOG FRITZE GER	200 M. FREE
200 M. BRST	100 M. FREE	1:13.91 LIS KNUTZEN DEN	4:19.80 RITA SIMONTON USA
4:44.59 TERUKO ONO JPN	1:52.38 MARGERY MEYER USA	1:15.08 MARGERY MEYER USA	6:01.46 KATH JOHNSTONE NZL
4:52.32 ERIKA LANGE GER	2:05.98 BETTY CHRISTIAN USA	1:15.82 JUNE REYNOLDS USA	6:02.05 JOAN GODSALL AUS
5:06.49 BARBARA VICKERS AUS	2:06.61 MAURINE KORNFELD USA	1:15.89 ANNELIESE POKER GER	6:15.10 KIKU ONO JPN
5:13.70 KATHLEEN GRIMMER GBR	2:06.66 MARJORIE STONE USA	1:16.43 JAE HOWELL USA	7:09.43 MASAKO MATSUNO JPN
5:14.76 JOAN KIDD GBR	2:07.82 SUGAKO KUWAYAMA JPN	1:19.96 ALISON WORRAL AUS	7:20.16 MARY LATHRAM USA
5:27.44 JUSTINE BAMFORD AUS	2:14.30 FUMI MURATA JPN	1:26.96 BARBARA BOHM GER	7:27.46 MARY GARTON AUS



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7:56.32 CLARICE ARTIS AUS	23.39 KOHEI KAWAMOTO USA	57.00 KEVIN DOAK USA	2:03.26 SATOSHI TORATANI JPN
400 M. FREE	23.48 DAVID THEVENOT FRA	57.69 MATTHEW BOWE GBR	2:09.01 ARBOLEDA TEYLOR VEN
9:04.93 RITA SIMONTON USA	23.70 TOMOYUKI HIRAYAMA JPN	59.71 KAROL ZEMIER POL	2:10.10 GUSTAVO GIROTTI BRA
12:50.00 KATH JOHNSTONE NZL	23.76 KEVIN DOAK USA	1:01.00 NEALE SAYLE GBR	2:12.26 LOIC LEROY FRA
12:52.26 KIKU ONO JPN	23.77 TRENT HOLSMAN USA	1:01.50 JONATHAN AUDIS GBR	2:12.46 MARCIO MENEZES USA
13:16.55 JOAN GODSALL AUS	23.97 KOHEI FUKAYA JPN	1:01.54 SHOGO UEHARA JPN	2:12.67 MATTEO BENASSI ITA
15:01.60 MARY LATHRAM USA	24.44 FILIPPO RUGGIERO ITA	1:02.13 FRANCESC MARQUEZ ESP	2:12.71 JENS KUHLMANN GER
15:18.16 MASAKO MATSUNO JPN	24.49 MICHAEL BURTON USA	1:02.31 STEPHAN MALESZKA GER	2:12.82 RORY BOB DE HAAN NED
16:36.04 CLARICE ARTIS AUS	24.52 JOSE HERNANDEZ VEN	1:02.38 JEFF HICKS USA	2:16.24 DANIELE BERGAMINI ITA
800 M. FREE	24.53 JULIEN MONOT FRA	1:02.90 KOTA HAIZAKI JPN	2:17.01 DAN PILBROW USA
18:53.58 RITA SIMONTON USA	100 M. FREE	200 M. BACK	200 M. I.M.
26:46.70 K.JOHNSTONE NZL	52.13 DAVID THEVENOT FRA	2:14.89 KAROL ZEMIER POL	2:11.66 ASUKA KOIZUMI JPN
30:43.00 MARY LATHRAM USA	52.82 JENS KUHLMANN GER	2:15.41 JONATHAN AUDIS GBR	2:12.13 SATOSHI TORATANI JPN
1500 M. FREE	53.45 TRENT HOLSMAN USA	2:16.17 KEVIN DOAK USA	2:12.75 CHRISTOPHER JONES GBR
36:02.20 RITA SIMONTON USA	53.73 THOMAS DAVIDSON GBR	2:16.32 RORY BOB DE HAAN NED	2:15.18 E.BRADLEY USA
51:45.24 K.JOHNSTONE NZL	53.76 ANDREAS PETERSEN DEN	2:17.05 DOMENICO CAPUTO ITA	2:18.11 DOMENICO CAPUTO ITA
50 M. BACK	53.80 PATRICK SAUCEDO USA	2:17.19 FRANCESC MARQUEZ ESP	2:19.17 MASAYA SATO JPN
1:12.97 JOAN GODSALL AUS	54.17 MATTHEW DAVIE USA	2:17.75 CHRISTIAN PFEIFER GER	2:19.22 MAURO ARCHETTI ITA
1:20.57 MIEKO NAGAOKA JPN	54.32 FABIO ROSINI ITA	2:17.90 MAURO ARCHETTI ITA	2:19.68 CHRISTIAN PFEIFER GER
1:25.91 YOSHIKO WATANABE JPN	54.39 KOJI YAMAMOTO JPN	2:18.74 STEPHAN MALESZKA GER	2:20.13 RYAN SPENCER RSA
1:29.02 MARY LATHRAM USA	54.47 MANABU KUGA JPN	2:19.10 DAVID GORGULHO POR	2:20.19 STEVEN MATTHIES GER
1:32.94 MASAKO MATSUNO JPN	200 M. FREE	50 M. BRST	400 M. I.M.
1:37.00 MARY GARTON AUS	1:55.15 JENS KUHLMANN GER	28.33 EDUARDO FISCHER BRA	4:42.34 SATOSHI TORATANI JPN
1:39.47 CLARICE ARTIS AUS	1:59.16 KOJI YAMAMOTO JPN	29.18 CHRISTOPHER JONES GBR	4:44.14 ASUKA KOIZUMI JPN
1:39.52 ELSA PIGULLA GER	1:59.32 KOHEI FUKAYA JPN	29.52 GREGORY OWEN USA	4:52.92 ARBOLEDA TEYLOR VEN
1:51.52 P. GREYSMITH AUS	1:59.40 LOIC LEROY FRA	29.69 SHIGENORI SATO JPN	4:52.98 LOIC LEROY FRA
2:05.49 JENNIE TAYLOR USA	2:00.08 DAVID GORGULHO POR	29.71 GARY MARSHALL USA	4:53.92 JENS KUHLMANN GER
100 M. BACK	2:00.19 FABIO ROSINI ITA	29.81 KOTARO MORITA JPN	4:54.14 JELLE GHESQUIERE BEL
2:55.40 MIEKO NAGAOKA JPN	2:00.37 MATTHEW DAVIE USA	29.83 NAOKI NAGURA JPN	4:55.77 SUNE THONESSEN DEN
3:09.89 KIKU ONO JPN	2:01.11 HOKUTO MIZUNO JPN	30.06 T.UMAYAHARA JPN	4:56.86 MARC ANTOINE SEI FRA
3:17.26 CLARICE ARTIS AUS	2:01.13 MASAHIRO KATO JPN	30.14 BRAD TOERIEEN RSA	4:58.65 DOMENICO CAPUTO ITA
3:24.07 KATH JOHNSTONE NZL	2:01.83 TRENT HOLSMAN USA	30.20 MICHAEL BURTON USA	4:58.70 CHRISTIAN PFEIFER GER
3:35.62 MARY GARTON AUS	400 M. FREE	100 M. BRST	*****
200 M. BACK	4:11.65 JENS KUHLMANN GER	1:02.44 GARY MARSHALL USA	M E N 30-34
6:15.92 MIEKO NAGAOKA JPN	4:16.26 ANDREY ROMASHKIN RUS	1:04.24 EDUARDO FISCHER BRA	*****
6:38.50 KIKU ONO JPN	4:22.27 FABIO ROSINI ITA	1:05.20 HIROSHI TEMMA JPN	*****
6:55.48 MASAKO MATSUNO JPN	4:22.34 NICKY LANGE GER	1:05.41 GREGORY OWEN USA	50 M. FREE
7:24.19 MARY GARTON AUS	4:23.00 ALEXANDER SCHAFER GER	1:05.91 REINER SCHNEIDER GER	23.81 SCOTT GREENWOOD USA
7:33.05 MARY LATHRAM USA	4:23.26 JELLE GHESQUIERE BEL	1:06.01 TOMONORI TSUJI JPN	23.82 DAVIDE DIAMBRI ITA
7:36.32 KATH JOHNSTONE NZL	4:24.17 DOMENICO CAPUTO ITA	1:06.06 S.YOSHIKURA JPN	23.83 ALEXANDER KAHL GER
8:14.80 CLARICE ARTIS AUS	4:24.55 JULIEN DESCHAMPS FRA	1:07.85 PETER ROSS GBR	23.99 SEBASTIEN BILLON FRA
9:36.38 JENNIE TAYLOR USA	4:25.85 KAZUYA SUZUKI JPN	1:08.19 T.UMAYAHARA JPN	24.02 JEREMY BIRDS GBR
50 M. BRST	4:26.26 W.AUTENBOER BEL	1:08.32 KRISTIAN OUTINEN DEN	24.09 PETER KERR AUS
1:50.95 ELSA PIGULLA GER	800 M. FREE	200 M. BRST	24.15 THOR KILEN DEN
2:20.32 MARY GARTON AUS	8:48.80 NICKY LANGE GER	2:16.70 GARY MARSHALL USA	24.18 STEPHANE MEYER FRA
100 M. BRST	8:51.04 SATOSHI TORATANI JPN	2:18.17 CHRISTOPHER JONES GBR	24.47 ANDERS KILEN DEN
4:55.16 K.JOHNSTONE NZL	8:52.32 ANDREY ROMASHKIN RUS	2:22.60 HIROSHI TEMMA JPN	24.47 JERROD KAPPLER USA
5:17.69 MARY GARTON AUS	9:08.31 GERGELY MOLNAR HUN	2:23.74 EDUARDO FISCHER BRA	100 M. FREE
50 M. FLY	9:11.34 CHRISTOPHER JONES GBR	2:24.93 PETER ROSS GBR	51.34 HIDEAKI HARA JPN
1:33.12 RITA SIMONTON USA	9:14.49 ANDY NONAKA USA	2:29.11 COREY WELCH USA	53.19 ANDREW MANLEY GBR
200 M. I.M.	9:14.57 W.AUTENBOER BEL	2:30.47 KRISTIAN OUTINEN DEN	53.59 SEBASTIEN BILLON FRA
6:30.12 RITA SIMONTON USA	9:15.86 RORY BOB DE HAAN NED	2:33.57 GABRIELE COLOMBO ITA	53.62 STEPHANE MEYER FRA
*****	9:16.14 DOMENICO CAPUTO ITA	2:33.86 KUNIHIKO CHIKEN JPN	53.83 LACHLAN MCDOWELL AUS
*****	9:21.55 GIAMPIERO AGUILAR CRC	2:34.21 STEVEN MATTHIES GER	53.87 P.SILVA POR
*****	1500 M. FREE	50 M. FLY	53.97 M.MATTACCHIONE ITA
*****	17:00.53 NICKY LANGE GER	23.71 KOHEI KAWAMOTO USA	54.42 KARL BUCHHOLTZ GBR
*****	17:34.10 ALEXANDER SCHAFER GER	24.89 DAISUKE ABE JPN	54.44 PETER KERR AUS
50 M. FREE	17:35.72 GERGELY MOLNAR HUN	25.10 KEI NAKASHIMA JPN	54.47 KENJI IWAMURA JPN
1:26.60 MARGO BATES AUS	17:56.08 CHRISTIAN PFEIFER GER	25.44 NAOKI NAGURA JPN	200 M. FREE
1:51.02 ANGULO BENARDA ESP	18:01.39 MARIO LEITE BRA	25.62 KOHEI FUKAYA JPN	1:59.17 IGOR PIOVESAN ITA
1:56.95 F RIORDAN USA	18:25.71 JORG WITTAG GER	25.65 SHUNSUKE HATO JPN	1:59.19 ANDREA MARCATO ITA
2:39.61 ROSA SELLARES ESP	18:26.93 JELLE GHESQUIERE BEL	25.76 GUSTAVO GIROTTI BRA	1:59.84 RAPHAEL VIEIRA BRA
100 M. FREE	18:30.02 B.WINTERFELDT GER	25.77 KRISTIAN OUTINEN DEN	2:01.54 MATTHEW HARRIGAN USA
3:53.52 MARGO BATES AUS	18:30.40 NICOLAS TOURNAIRE FRA	25.79 DAVID THEVENOT FRA	2:01.55 MIGUEL ALCALDE ESP
50 M. BACK	18:39.00 JEROME BECHER GER	25.83 BRETT BANNAN USA	2:01.87 P.SILVA POR
2:01.10 ANGULO BENARDA ESP	50 M. BACK	100 M. FLY	2:02.23 TIM SPIWOKS GER
2:26.01 MARGO BATES AUS	26.75 KEVIN DOAK USA	53.09 KOHEI KAWAMOTO USA	2:02.28 FABIEN CZACHOR FRA
2:42.77 ROSA SELLARES ESP	27.41 MASAYA TAKATORI JPN	54.29 MATTHEW BOWE GBR	2:02.59 JEROME LEPRINCE FRA
100 M. BACK	27.49 KAROL ZEMIER POL	56.05 KEI NAKASHIMA JPN	2:02.72 CEDRIC JEANNERET FRA
4:35.64 ANGULO BENARDA ESP	27.58 THOMAS WINKLER USA	56.66 GUSTAVO GIROTTI BRA	400 M. FREE
6:20.60 MARGO BATES AUS	28.06 KRISTIAN OUTINEN DEN	56.92 K.KOBAYAKAWA JPN	4:10.14 IGOR PIOVESAN ITA
200 M. BACK	28.17 JEFF HICKS USA	56.94 SATOSHI TORATANI JPN	4:17.29 RAPHAEL VIEIRA BRA
9:17.91 ANGULO BENARDA ESP	28.23 MAKOTO YAMADA JPN	57.19 ARBOLEDA TEYLOR VEN	4:18.09 FABIEN CZACHOR FRA
*****	28.27 NEALE SAYLE GBR	57.32 JENS KUHLMANN GER	4:18.82 MATTHEW HARRIGAN USA
*****	28.71 KENJI ISHIGAMI JPN	57.33 MATTEO BENASSI ITA	4:20.75 MIGUEL ALCALDE ESP
*****	28.79 M.YOKOKAWA JPN	58.03 KAROL ZEMIER POL	4:22.87 DANIEL PETRELLA GER
50 M. FREE	100 M. BACK	200 M. FLY	4:23.02 JOSE CARLOS BAEZ ESP



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4:24.16	KIMITAKA MINOBE	JPN	1:09.62	M.MICHAELSEN	GER	24.31	TULLY YOUNG	AUS	1:02.62	HARALD MAISCH	GER
4:24.54	KEVIN HAFNER	USA	1:09.76	RYOHEI OKADA	JPN	24.73	YUICHI WAKUI	JPN	1:02.64	TYLER BLESSING	USA
4:25.48	GIULIANO RONCHI	ITA	1:10.20	SCOTT CAMPEA	USA	24.73	GO KUWATA	JPN	1:03.55	PATRICK BALDELLI	FRA
800 M. FREE			200 M. BRST			24.82	ALEC MULL	USA	1:03.61	LIZANDRO CARVALHO	BRA
8:35.16	IGOR PIOVESAN	ITA	2:21.28	TOMASZ DUSZYNSKI	POL	24.84	HARALD MAISCH	GER	1:03.70	TOMOHIRO MUSA	JPN
8:48.51	JOSE CARLOS BAEZ	ESP	2:24.69	SIMONE BATTISTON	ITA	24.90	TYLER BLESSING	USA	1:04.26	PETER JONES	GBR
8:54.35	FABIO AFFRICANO	ITA	2:26.76	STEPHAN PERROT	FRA	24.95	DAN WEGNER	USA	1:04.79	EMILIANO ASSANDRI	ITA
8:55.56	FABIEN CZACHOR	FRA	2:28.28	RAPHAEL VIEIRA	BRA	24.95	CHRISTOPHER BEACH	USA	1:05.24	IAIN TEAZ	GBR
9:14.70	GIULIANO RONCHI	ITA	2:32.81	ANDREW RAGLESS	AUS	100 M. FREE			200 M. BACK		
9:14.91	DANIEL PETRELLA	GER	2:33.14	YANN DELONGCHAMPS	FRA	53.46	GO KUWATA	JPN	2:14.45	Y.NAKAHARA	JPN
9:22.75	JOHN BARANOFF	AUS	2:34.22	MATTHEW HARRIGAN	USA	53.77	TIMO NOLTE	GER	2:17.27	TYLER BLESSING	USA
9:23.42	DAVID BOWER	GBR	2:35.71	DAVID BOWER	GBR	53.88	M.WHORTER	USA	2:18.94	K.SEKIGUCHI	JPN
9:24.73	CHIP POLITO	USA	2:36.99	HUGO MORAIS	BRA	54.39	DAVIDE STELL	ITA	2:20.42	PATRICK BALDELLI	FRA
9:24.89	ANTONIO CASTORINA	ITA	2:37.04	CLAUDE NEMURAT	FRA	54.45	JOCHEN BRUHA	GER	2:20.99	LIZANDRO CARVALHO	BRA
1500 M. FREE			50 M. FLY			54.60	CURTIS TAYLOR	USA	2:22.49	EMILIANO ASSANDRI	ITA
16:33.70	IGOR PIOVESAN	ITA	25.43	ALEXANDER KAHL	GER	54.64	BRIAN JACOBSON	USA	2:24.17	SABURO NAGANO	JPN
17:11.69	FABIEN CZACHOR	FRA	25.49	DANIEL MORALES	ESP	54.78	TYLER BLESSING	USA	2:24.61	IAIN TEAZ	GBR
17:20.86	DANIEL PETRELLA	GER	25.57	STEPHANE MEYER	FRA	55.19	EIJI NOMURA	JPN	2:24.65	K.JASTRZEBSKI	POL
17:33.10	ANTONIO CASTORINA	ITA	25.70	HIROKI NAKAZONO	JPN	55.21	F.MAGALHAES	BRA	2:25.41	G.SAPIENZA	ITA
17:39.68	CHIP POLITO	USA	25.88	REMKO DE JONG	NED	200 M. FREE			50 M. BRST		
17:55.14	C.STEILNER	GER	25.95	S.ESPOSITO	ITA	1:58.82	JOCHEN BRUHA	GER	29.31	VLADISLAV BRAGIN	RUS
18:01.10	DIEGO TADDEI	ITA	26.16	ADRIAN VISINESCU	FRA	1:59.99	M.WHORTER	USA	29.38	TIMO NOLTE	GER
18:11.35	HARALD GEHRING	GER	26.20	SUGURU TOYAMA	JPN	2:00.53	ALEC MULL	USA	29.83	YASUHIRO KOMORI	JPN
18:11.50	GIULIANO RONCHI	ITA	26.21	KAZUSHIGE HAYATA	JPN	2:00.91	JASCHA HASSON	FRA	29.88	ANDREA AGOSTINONE	ITA
18:18.76	OLIVER WILKINSON	GBR	26.31	PETER KERR	AUS	2:01.61	CURTIS TAYLOR	USA	30.23	BRIAN JACOBSON	USA
50 M. BACK			100 M. FLY			2:02.57	DAVIDE STELL	ITA	30.60	MITSUGU HIRANO	JPN
27.85	C.SORRENTINO	ITA	56.78	HIROKI NAKAZONO	JPN	2:02.61	GARRY MEIKLEJOHN	JPN	30.66	JEROME HENNAERT	FRA
27.87	TAKATOSHI NUMATA	JPN	57.01	DANIEL MORALES	ESP	2:02.76	TYLER BLESSING	USA	30.72	ALAN PESSOTTI	BRA
27.91	SEBASTIEN BILLON	FRA	57.56	ANDREA MARCATO	ITA	2:02.97	GERMAN RIECKEHOFF	PUR	30.75	SVEN GUSKE	GER
28.18	T.TAKEMURA	JPN	57.85	STEPHANE MEYER	FRA	2:03.35	F.MAGALHAES	BRA	30.85	EMILIANO GALLAZZI	ITA
28.37	TAKUMA YAMAOKA	JPN	57.98	YOHEI TERANISHI	JPN	400 M. FREE			100 M. BRST		
28.42	KENTARO NAKAMURA	JPN	58.09	ADAM CONWAY	USA	4:14.65	CHRISTOPHER DERKS	USA	1:05.65	VLADISLAV BRAGIN	RUS
28.70	HIDEAKI OGAWA	JPN	58.14	S.ESPOSITO	ITA	4:17.59	SANDRO TOMAS	CRO	1:06.73	TIMO NOLTE	GER
28.90	SHIGERU MANAKA	JPN	58.26	ADRIAN VISINESCU	FRA	4:18.70	JASCHA HASSON	FRA	1:09.20	BRIAN JACOBSON	USA
29.01	BORUT DEZMAN	SLO	59.15	KIMITAKA MINOBE	JPN	4:20.54	GERMAN RIECKEHOFF	PUR	1:09.41	RAFFAELE NOTTE	ITA
29.02	HAGEN GOMILLE	GER	59.24	JASON GOLTZ	USA	4:21.16	G.CASTORINA	ITA	1:09.61	PAVEL CHECHULIN	RUS
100 M. BACK			200 M. FLY			4:21.73	JOCHEN BRUHA	GER	1:09.94	YASUHIRO KOMORI	JPN
59.56	TAKUMA YAMAOKA	JPN	2:09.39	KIMITAKA MINOBE	JPN	4:21.79	DRON GERA	RUS	1:10.02	KENICHIRO TSUKUI	JPN
1:01.13	KENTARO NAKAMURA	JPN	2:10.59	C.SORRENTINO	ITA	4:23.91	DAVID SWAY	USA	1:10.23	JONATHAN BANVILLE	SUI
1:01.55	JEFF COMMINGS	USA	2:10.72	YOHEI TERANISHI	JPN	4:25.10	JOHN MUNRO	NZL	1:10.46	JEROME HENNAERT	FRA
1:01.60	BRUNO NOPPONEN	EST	2:16.70	TSUTOMU SEKINE	JPN	4:25.19	JAN GRAFE	GER	1:10.61	ALAN PESSOTTI	BRA
1:01.68	SEBASTIEN BILLON	FRA	2:16.78	RALF HILDEBRANDT	GER	800 M. FREE			200 M. BRST		
1:03.58	BORUT DEZMAN	SLO	2:16.82	FABIEN CZACHOR	FRA	8:52.46	CHRISTOPHER DERKS	USA	2:31.64	RAFFAELE NOTTE	ITA
1:03.60	RALF HILDEBRANDT	GER	2:16.88	DANE HARROP	GBR	9:00.47	GERMAN RIECKEHOFF	PUR	2:31.71	STEPHEN HIRZEL	FRA
1:04.21	M.QUAGLIANI	ITA	2:17.78	AKIFUMI FURUYA	JPN	9:04.34	G.CASTORINA	ITA	2:32.63	JAN GRAFE	GER
1:04.24	PIETA DELLA	ITA	2:17.79	JOSE CARLOS BAEZ	ESP	9:09.97	SANDRO TOMAS	CRO	2:33.17	PAVEL CHECHULIN	RUS
1:04.56	RONALD SMITS	NED	2:18.52	JASON GOLTZ	USA	9:11.50	YANN CORDIER	FRA	2:33.49	KENICHIRO TSUKUI	JPN
200 M. BACK			200 M. I.M.			9:11.77	F.BETANCOR	ESP	2:33.65	C.SANNIER	FRA
2:10.53	TAKUMA YAMAOKA	JPN	2:09.34	C.SORRENTINO	ITA	9:13.43	JAN GRAFE	GER	2:35.96	JONATHAN BANVILLE	SUI
2:16.02	C.SORRENTINO	ITA	2:14.31	SEBASTIEN BILLON	FRA	9:16.45	FRANK BRAUN	AUS	2:36.78	LEOPOLDO NAVARRO	ESP
2:18.33	JEROME LEPRINCE	FRA	2:14.83	MATTHEW HARRIGAN	USA	9:25.02	MATTEO AMMANNATI	ITA	2:37.63	YAMATO TAKAHASHI	JPN
2:18.88	ROMAIN MARTY	FRA	2:16.02	SIMONE BATTISTON	ITA	9:25.74	SABURO NAGANO	JPN	2:38.92	L.RAMIREZ	COL
2:19.28	CHIP POLITO	USA	2:16.22	TIM SPIWOKS	GER	1500 M. FREE			50 M. FLY		
2:19.58	RALF HILDEBRANDT	GER	2:17.37	CHIP POLITO	USA	16:32.72	CHRISTOPHER DERKS	USA	25.31	EIJI NOMURA	JPN
2:20.04	JOSE CARLOS BAEZ	ESP	2:17.58	ANDREAS FRIEDRICH	GER	17:33.20	G.CASTORINA	ITA	25.38	MAKIO ENDO	JPN
2:20.29	GUSTAVO MELO	BRA	2:18.32	KEVIN HAFNER	USA	17:36.03	JAN GRAFE	GER	25.81	MASATERU IKEDA	JPN
2:20.89	ERIC RICHELLE	BEL	2:18.35	HIDEAKI OGAWA	JPN	17:43.78	FRANK BRAUN	AUS	25.92	BRADLEY BAILEY	USA
2:21.54	BRUNO NOPPONEN	EST	2:18.35	JASON GOLTZ	USA	17:51.74	KIRK NELSON	USA	26.06	ALEC MULL	USA
50 M. BRST			400 M. I.M.			17:59.40	MATTEO AMMANNATI	ITA	26.23	NORIFUMI CHIBA	JPN
29.44	JEFF COMMINGS	USA	4:38.36	C.SORRENTINO	ITA	17:59.93	A.JANITZKI	GER	26.28	HIDEYUKI CHIGIRA	JPN
29.85	TAKASHI HIRAKAWA	JPN	4:47.29	MATTHEW HARRIGAN	USA	18:11.20	RIKIYA TSURUTA	JPN	26.36	TYLER BLESSING	USA
30.03	CARLOS ALENCAR	BRA	4:57.86	DAVID BOWER	GBR	18:15.08	JANN CORDIER	FRA	26.40	JOHN BATES	AUS
30.07	PETER KERR	AUS	4:58.76	ROMAIN MARTY	FRA	18:18.40	ROBERTO VENIER	ITA	26.41	ED RIDDLE	USA
30.16	MASAHIKO KUBOTA	JPN	5:00.68	JASON GOLTZ	USA	50 M. BACK			100 M. FLY		
30.17	TOMASZ DUSZYNSKI	POL	5:02.24	DAVID LOVELACE	AUS	28.16	JEFF THIBAUT	USA	56.81	EIJI NOMURA	JPN
30.18	HIROYUKI SHIMANE	JPN	5:02.31	M.CASSOL	ITA	28.20	HARALD MAISCH	GER	57.50	TYLER BLESSING	USA
30.30	SIMONE BATTISTON	ITA	5:03.92	RALF HILDEBRANDT	GER	28.44	Y.NAKAHARA	JPN	58.03	NORIFUMI CHIBA	JPN
30.43	RYUTARO MORITA	JPN	5:04.12	MICKAEL SCHWARZ	FRA	28.63	K.SEKIGUCHI	JPN	58.83	TOSHIYUKI IBE	JPN
30.55	UMBERTO RAMELLI	ITA	5:04.37	DANIEL PETRELLA	GER	28.73	PAUL ENTWISTLE	AUS	58.99	ALEC MULL	USA
100 M. BRST						29.02	MARCO ORSINI	ITA	59.12	MASATERU IKEDA	JPN
1:06.16	JEFF COMMINGS	USA	*****			29.33	LIZANDRO CARVALHO	BRA	59.19	M.WHORTER	USA
1:06.83	SIMONE BATTISTON	ITA	M E N 35-39			29.35	TYLER BLESSING	USA	59.43	MARKUS BIERIG	GER
1:06.88	TOMASZ DUSZYNSKI	POL	*****			29.41	PATRICK BALDELLI	FRA	59.65	BRADLEY BAILEY	USA
1:07.36	PAUL CALLIS	GBR	50 M. FREE			29.45	IGOR SOSNOVSKIY	RUS	1:00.29	HIROYUKI NAKAMURA	JPN
1:08.01	UMBERTO RAMELLI	ITA	23.81	TIMO NOLTE	GER	100 M. BACK			200 M. FLY		
1:08.70	YANN DELONGCHAMPS	FRA	23.98	BRIAN JACOBSON	USA	1:01.03	Y.NAKAHARA	JPN	2:11.50	TOSHIYUKI IBE	JPN
1:09.45	TORBEN KRITZER	GER	24.19	MAKIO ENDO	JPN	1:01.81	K.SEKIGUCHI	JPN	2:11.67	EIJI NOMURA	JPN



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

2:13.56 SYLVAIN GALANGO	FRA	4:22.08 MICHAEL PRUFERT	GER	1:11.52 YASUO NARUSHIMA	JPN	25.14 G.GIGLIETTI	ITA
2:13.81 SANDRO TOMAS	CRO	4:22.39 DINO SCHORN	ITA	1:11.58 SEAN FRAMPTON	USA	25.15 MARCO COLOMBO	ITA
2:14.98 G.CASTORINA	ITA	800 M. FREE		200 M. BRST		25.20 MARK REYNOLDS	GBR
2:16.30 DAVID SWAY	USA	8:44.89 DANIEL SERRA	ESP	2:23.33 ALBERTO MONTINI	ITA	25.23 FABIO MARCHESI	ITA
2:16.44 JOHN MUNRO	NZL	8:53.84 JEFF ERWIN	USA	2:24.19 ROQUE SANTOS	USA	25.37 CYRO DELGADO	BRA
2:16.78 GERMAN RIECKEHOF	PUR	8:55.17 TIMOTHY GALLAUDET	USA	2:34.98 RICARDO TORRES	PAN	25.47 GREGG PRICE	RSA
2:17.21 DRON GERA	RUS	9:00.48 ALEJANDRO MORENO	MEX	2:35.59 MASSIMO BUSIGNANI	ITA	100 M. FREE	
2:17.72 M.WHORTER	USA	9:03.95 ALBERTO MONTINI	ITA	2:36.95 YASUO NARUSHIMA	JPN	54.15 PAUL SMITH	USA
200 M. I.M.		9:05.90 JEFFREY UTSCH	USA	2:37.02 J.MELLADO	FRA	54.62 MARCO COLOMBO	ITA
2:14.67 JOHN MUNRO	NZL	9:05.92 PAOLO CARMINATI	ITA	2:38.30 MAKOTO ONODERA	JPN	55.13 MARK REYNOLDS	GBR
2:16.03 TYLER BLESSING	USA	9:07.33 OLIVER KUSCH	GER	2:39.81 NEWTON KAMINSKI	BRA	55.75 CYRO DELGADO	BRA
2:16.15 SYLVAIN GALANGO	FRA	9:08.97 MIKE SHAFFER	USA	2:40.65 JOHAN VD MERWE	RSA	55.85 KAI DITZEL	GER
2:17.00 YOSHINORI IWASAKI	JPN	9:10.63 AIDAN BERRY	AUS	2:41.92 SHUJI YAMAZAKI	JPN	55.99 ANDE RASMUSSEN	USA
2:17.28 Y.NAKAHARA	JPN	1500 M. FREE		50 M. FLY		56.25 G.GIGLIETTI	ITA
2:18.50 JASCHA HASSON	FRA	16:39.60 JEFF ERWIN	USA	25.97 STEVE HILTABIDDLE	USA	56.31 STEVE WOOD	USA
2:19.29 A.BRUGIOLO	ITA	16:48.68 TIMOTHY GALLAUDET	USA	26.50 MICHAEL SORENSEN	USA	56.37 MANFRED DANZL	GER
2:20.50 DRON GERA	RUS	17:13.14 JEFFREY UTSCH	USA	26.51 ALBERTO MONTINI	ITA	56.61 FRANCESC COLL	ESP
2:20.89 F.MAGALHAES	BRA	17:20.11 MIKE SHAFFER	USA	26.58 HIROSHI MIURA	JPN	56.61 STUART MOFFATT	AUS
2:20.89 SATOSHI TANI	JPN	17:36.87 OLIVER KUSCH	GER	26.63 MICHAEL ROSS	USA	200 M. FREE	
400 M. I.M.		17:47.89 KURT DICKSON	USA	26.68 GABRIELE MAINI	ITA	1:59.37 KAI DITZEL	GER
4:45.98 SANDRO TOMAS	CRO	17:50.03 A.PAVICIC-DONKIC	SUI	26.77 JANNE VIRTANEN	FIN	2:00.58 PAUL SMITH	USA
4:52.88 DAVID SWAY	USA	17:55.30 A.LAVEGLIA	ITA	26.80 CRAIG AMMON	USA	2:00.66 MARCUS MATTIOLI	BRA
4:53.23 SYLVAIN GALANGO	FRA	17:56.15 YAN CARDINEAU	USA	26.81 GREGORY SARGENT	USA	2:01.34 MARCO COLOMBO	ITA
4:53.35 JOHN MUNRO	NZL	17:59.70 MARCO TENDERINI	ITA	26.85 HARTMUT BERNER	GER	2:02.50 MARK REYNOLDS	GBR
4:58.00 DRON GERA	RUS	50 M. BACK		100 M. FLY		2:03.32 DENNIS BAKER	USA
4:58.76 YOSHINORI IWASAKI	JPN	27.47 MICHAEL ROSS	USA	56.43 MICHAEL ROSS	USA	2:03.83 STEVE WOOD	USA
4:58.85 G.CASTORINA	ITA	27.95 CHRIS STEVENSON	USA	58.18 STEVE HILTABIDDLE	USA	2:04.24 DANIEL MACHEK	CZE
5:01.84 TYLER BLESSING	USA	28.08 TOM STACHEWICZ	AUS	58.29 CHRIS STEVENSON	USA	2:05.13 ROBERT HUDEK	USA
5:06.54 L.RAMIREZ	COL	28.47 GIUSEPPE TIANO	ITA	58.31 MICHAEL SORENSEN	USA	2:05.70 D SCOTT WELLS	USA
5:06.64 ANDRE WRASSE	GER	29.63 HARALD RUCK	RSA	58.62 ALBERTO MONTINI	ITA	400 M. FREE	
		29.74 MIKE SHAFFER	USA	58.79 MARK WELDON	NZL	4:09.20 DENNIS BAKER	USA
*****		29.80 RAVIL NOGUMANOV	RUS	59.12 MIKE SHAFFER	USA	4:21.15 MARCUS MATTIOLI	BRA
M E N 40-44		29.80 JANNE VIRTANEN	FIN	1:00.19 ROSS DAVIS	USA	4:23.87 ROBERT HUDEK	USA
*****		29.96 MARKUS FOLLMANN	GER	1:00.38 GREGORY SARGENT	USA	4:25.30 DANIEL MACHEK	CZE
50 M. FREE		29.96 AIRAT KARIMOV	RUS	1:00.49 HARTMUT BERNER	GER	4:26.57 MARK REYNOLDS	GBR
23.86 M.GIALDI	ITA	100 M. BACK		200 M. FLY		4:27.40 MICHAEL KLEIBER	GER
24.24 ERIK HOCHSTEIN	USA	59.82 MICHAEL ROSS	USA	2:10.65 MIKE SHAFFER	USA	4:29.82 ARNALDO PEREZ	PUR
24.31 MICHAEL ROSS	USA	1:00.56 CHRIS STEVENSON	USA	2:13.65 A.LAVEGLIA	ITA	4:32.78 BILL MC CRACKEN	USA
24.34 TOMMY RUNDGREN	FIN	1:02.11 GIUSEPPE TIANO	ITA	2:14.17 TAIHEI SAKA	JPN	4:33.81 GREGG PRICE	RSA
24.37 SCHUYLER SMITH	USA	1:02.29 EDUARDO MAROCCO	BRA	2:15.20 PETER BERMEL	GER	4:34.72 OLIVIER DELFOSSE	BEL
24.55 STEFAN OPATRIL	AUT	1:04.38 ZOLTAN BALAJTI	HUN	2:16.40 MICHAEL SORENSEN	USA	800 M. FREE	
24.63 JANNE VIRTANEN	FIN	1:04.44 ROSS DAVIS	USA	2:18.26 CHRIS STEVENSON	USA	9:05.23 MICHAEL KLEIBER	GER
24.63 CRISTIANO BALDINI	ITA	1:05.02 N.LECHEVALIER	FRA	2:18.62 DAVE HOLLAND	USA	9:11.34 ARNALDO PEREZ	PUR
24.66 TOM STACHEWICZ	AUS	1:05.26 OLIVER KUSCH	GER	2:22.74 HEIKO BOKNECHT	GER	9:13.52 DANIEL MACHEK	CZE
24.69 ANDREA NICOLAO	ITA	1:05.61 MAURO TORRI	ITA	2:22.95 JEAN MOUREN	FRA	9:18.35 B.BORDONALI	ITA
100 M. FREE		1:05.62 JOSE NETO	BRA	2:23.96 MICHAEL PRUFERT	GER	9:20.16 LEN GUSHE	CAN
52.48 ERIK HOCHSTEIN	USA	200 M. BACK		200 M. I.M.		9:24.05 BILL MC CRACKEN	USA
52.69 MICHAEL ROSS	USA	2:13.48 CHRIS STEVENSON	USA	2:14.03 ALBERTO MONTINI	ITA	9:25.63 ROBERT HUDEK	USA
53.92 TOMMY RUNDGREN	FIN	2:15.52 EDUARDO MAROCCO	BRA	2:17.99 RENATO RAMALHO	BRA	9:28.67 MICHAEL SCHMIDT	USA
54.25 M.GIALDI	ITA	2:16.04 KURT DICKSON	USA	2:18.07 EDUARDO MAROCCO	BRA	9:28.68 RON MORELLI	AUS
54.71 MARK WELDON	NZL	2:18.35 PETER BERMEL	GER	2:18.11 GREGORY SARGENT	USA	9:29.43 DOUG ASBURY	USA
54.77 LIONEL CHALENDAR	FRA	2:19.11 MAURO TORRI	ITA	2:18.80 ALEJANDRO MORENO	MEX	1500 M. FREE	
54.89 ROSS DAVIS	USA	2:19.79 ROSS DAVIS	USA	2:19.27 A.LAVEGLIA	ITA	17:12.28 MARCUS MATTIOLI	BRA
55.16 SCHUYLER SMITH	USA	2:20.18 N.LECHEVALIER	FRA	2:21.15 HAJIME MORIMOTO	JPN	17:26.08 MICHAEL KLEIBER	GER
55.20 STEVE HILTABIDDLE	USA	2:21.61 OLIVER KUSCH	GER	2:21.36 PAOLO CARMINATI	ITA	17:34.64 DENNIS BAKER	USA
55.37 LIONEL CHANENDAR	FRA	2:21.77 JAN NOTENBOMER	NED	2:22.53 KEITH PETERS	USA	17:49.60 B.BORDONALI	ITA
55.37 CRISTIANO BALDINI	ITA	2:22.85 JULIAN TAYLOR	RSA	2:23.15 GRZEGORZ STANEK	POL	17:58.45 ROBERT BARKER	GBR
200 M. FREE		50 M. BRST		400 M. I.M.		18:17.00 STEFANO SEGUITI	ITA
1:55.70 ERIK HOCHSTEIN	USA	29.76 YOZO FUJII	JPN	4:48.98 ALBERTO MONTINI	ITA	18:19.30 BILL MC CRACKEN	USA
1:58.66 JEFFREY UTSCH	USA	29.87 MAKOTO ONODERA	JPN	4:49.63 PETER BERMEL	GER	18:19.30 D SCOTT WELLS	USA
1:59.93 ROSS DAVIS	USA	30.34 ALBERTO MONTINI	ITA	4:55.01 ALEJANDRO MORENO	MEX	18:20.57 JEAN LUC ROLLAND	FRA
2:00.00 LIONEL CHALENDAR	FRA	30.41 JAMES CORBEAU	USA	4:56.35 TAIHEI SAKA	JPN	18:24.54 K.DELLBRUGGE	GER
2:00.13 EDUARDO MAROCCO	BRA	30.52 JENS LUTSCHIN	GER	4:57.17 A.LAVEGLIA	ITA	50 M. BACK	
2:00.25 DANIEL SERRA	ESP	31.05 FABIO CAVALLI	ITA	4:58.50 MIKE SHAFFER	USA	28.05 STEVE WOOD	USA
2:01.39 PAOLO CARMINATI	ITA	31.35 WOLFGANG JARMER	GER	5:03.16 JEFF ERWIN	USA	28.14 ANDE RASMUSSEN	USA
2:01.40 CHRIS STEVENSON	USA	31.40 DEAN STOCKWELL	AUS	5:03.51 GREGORY SARGENT	USA	28.32 J CLAY BRITT	USA
2:01.93 AIDAN BERRY	AUS	31.56 RICO ROLLI	ITA	5:07.97 GRZEGORZ STANEK	POL	28.77 JAY YARID	USA
2:02.66 LIONEL CHANENDAR	FRA	31.62 KAZUhide MINAKAWA	JPN	5:08.49 HEIKO BOKNECHT	GER	29.16 AL JAEGER	USA
400 M. FREE		100 M. BRST				29.22 JOHN ENGS	USA
4:15.52 ERIK HOCHSTEIN	USA	1:05.93 ALBERTO MONTINI	ITA	*****		29.36 MARCO COLOMBO	ITA
4:16.32 EDUARDO MAROCCO	BRA	1:08.53 MAKOTO ONODERA	JPN	M E N 45-49		29.72 HIROSHI SHIBUYA	JPN
4:16.67 JEFFREY UTSCH	USA	1:08.89 YOZO FUJII	JPN	*****		29.78 CRAIG NORRAY	SUI
4:17.73 JEFF ERWIN	USA	1:08.92 JAMES CORBEAU	USA	50 M. FREE		30.12 FRANCESCO PETTINI	ITA
4:18.69 PAOLO CARMINATI	ITA	1:09.46 JENS LUTSCHIN	GER	24.40 STEVE WOOD	USA	100 M. BACK	
4:18.77 CHRIS STEVENSON	USA	1:10.84 RICARDO TORRES	PAN	24.50 ANDE RASMUSSEN	USA	1:00.13 STEVE WOOD	USA
4:19.04 TIMOTHY GALLAUDET	USA	1:10.87 MASSIMO BUSIGNANI	ITA	24.72 METELLO SAVINO	ITA	1:02.49 J CLAY BRITT	USA
4:21.51 ALEJANDRO MORENO	MEX	1:11.44 RICO ROLLI	ITA	24.93 PAUL SMITH	USA	1:02.79 JAY YARID	USA



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

1:02.94	JOHN ENGS	USA	2:20.20	DAMIANO NANETTI	ITA	800 M. FREE	1:15.73	BARRY O'BRIEN	GBR		
1:03.50	ANDE RASMUSSEN	USA	2:21.16	LEN GUSHE	CAN	9:17.51	FRANCIS CHRISTIAN	AUS	200 M. BRST		
1:03.92	MARCO COLOMBO	ITA	2:22.92	ARNALDO PEREZ	PUR	9:23.13	MICHAEL MANN	USA	2:40.29	PATRICK ALLENDER	USA
1:05.08	GREGOR SPENGLER	GER	2:23.79	DANILO VICIOSO	DOM	9:28.81	MARK DRENNEN	USA	2:40.85	WOLFGANG PIRL	GER
1:05.47	HIROSHI SHIBUYA	JPN	2:24.06	MICHAEL SCHMIDT	USA	9:32.52	JIM CALLAHAN	USA	2:41.02	BENN DOYLE	USA
1:05.51	FRANCESCO PETTINI	ITA	2:24.52	TIM BONESS	AUS	9:41.68	BRADFORD GANDEE	USA	2:43.09	DAVID HOLLAND	USA
1:06.26	ROSTISLAV SLECHTA	CZE	2:25.83	MICHAEL KLEIBER	GER	9:42.81	VLADIMIR KULAGIN	RUS	2:44.34	PETER KAUCH	GER
200 M. BACK			200 M. I.M.			9:44.65	SIMON VEALE	GBR	2:45.42	DON CHOLODENKO	USA
2:18.25	LEN GUSHE	CAN	2:20.03	A.TIBERTI	ITA	9:46.21	JOE DUNN	USA	2:46.03	DAVID GRAY	USA
2:18.44	STEVE WOOD	USA	2:20.91	EDWIN VAN NORDEN	NED	9:47.47	GRANT SIMPSON	AUS	2:46.45	BARRY O'BRIEN	GBR
2:18.66	JOHN ENGS	USA	2:21.60	ANDERS RASMUSSEN	USA	9:47.69	TIM ERICKSON	USA	2:48.88	MARK DRENNEN	USA
2:19.11	JAY YARID	USA	2:21.75	AL JAEGRS	USA	1500 M. FREE			2:50.79	LORENZO MERLI	ITA
2:21.04	ANDE RASMUSSEN	USA	2:21.91	LEN GUSHE	CAN	17:58.64	MARK DRENNEN	USA	50 M. FLY		
2:25.13	DANILO VICIOSO	DOM	2:22.48	GREGG PRICE	RSA	18:48.72	JEFFERY MILTON	USA	25.88	PAUL CARTER	USA
2:25.35	HIROSHI SHIBUYA	JPN	2:23.43	FRANCESC COLL	ESP	18:51.18	GRANT SIMPSON	AUS	26.83	RICK ABBOTT	USA
2:25.36	FRANCESCO PETTINI	ITA	2:23.67	MICHAEL SCHMIDT	USA	18:58.89	GLENN CARLSEN	CAN	27.55	JOHN MORALES	USA
2:25.58	DARREN PHELAN	USA	2:24.26	SERGEY MOLODIN	RUS	19:00.74	DIRK ZETERBERG	GER	27.63	GARY SCHATZ	USA
2:26.12	MATTHEW DIXON	USA	2:24.68	DANILO VICIOSO	DOM	19:02.44	LARRY WOOD	USA	27.64	HUGO BREGMAN	NED
50 M. BRST			400 M. I.M.			19:09.43	JOE DUNN	USA	27.73	JOHN OBERTO	USA
30.59	DAVID GUTHRIE	USA	4:50.27	MARCUS MATTIOLI	BRA	19:15.89	TIM ERICKSON	USA	27.78	WILLIAM SPECHT	USA
30.79	RICHARD LOCKHART	NZL	4:57.54	A.TIBERTI	ITA	19:16.85	TONY MORRIS	IRL	27.80	PAUL BLACKBEARD	RSA
31.01	STUART MOFFATT	AUS	5:00.08	LEN GUSHE	CAN	19:17.31	MARK LANGDON	CAN	27.83	MARK CROSHIER	USA
31.17	WALLY DICKS	USA	5:02.06	LINCOLN DJANG	USA	50 M. BACK			27.84	RAMON VOLCAN	VEN
31.68	V.ZAGREBENKO	RUS	5:04.60	AL JAEGRS	USA	30.03	SCOTT SHAKE	USA	100 M. FLY		
32.01	ANTHONY DUNNE	AUS	5:07.68	EDWIN VAN NORDEN	NED	30.26	RAMON VOLCAN	VEN	57.23	PAUL CARTER	USA
32.17	BRIAN HASEGAWA	CAN	5:09.57	ANDERS RASMUSSEN	USA	30.51	ANDRE STEYNBERG	RSA	1:00.93	HUGO BREGMAN	NED
32.28	ANDREA FLORIT	ITA	5:10.67	ARNALDO PEREZ	PUR	30.70	IGOR KRAVKOV	ISR	1:01.54	WILLIAM SPECHT	USA
32.43	MASAAKI OTSUKI	JPN	5:11.07	MICHAEL SCHMIDT	USA	30.71	MARIO LLORET	ESP	1:01.63	PAUL BLACKBEARD	RSA
32.54	AL JAEGRS	USA	5:11.81	ROBERT HUDEK	USA	30.99	JONATHAN KLEIN	USA	1:01.99	JOHN MORALES	USA
100 M. BRST						31.18	RICK ABBOTT	USA	1:02.04	JOHN PHILLIPS	USA
1:07.38	DAVID GUTHRIE	USA	*****			31.30	ALBERT BOONSTRA	NED	1:02.95	BOB BUGG	USA
1:09.20	WALLY DICKS	USA	M E N 50-54			31.47	PHILIPP DJANG	USA	1:03.52	KERRY O'BRIEN	USA
1:10.50	RICHARD LOCKHART	NZL	*****			31.48	SIMON VEALE	GBR	1:03.98	MARK CROSHIER	USA
1:10.74	STUART MOFFATT	AUS	50 M. FREE			31.48	TOM BARTON	USA	1:04.11	DAN STEPHENSON	USA
1:11.28	BRIAN HASEGAWA	CAN	24.47	BRENT BARNES	JPN	100 M. BACK			200 M. FLY		
1:11.47	V.ZAGREBENKO	RUS	24.88	RICK ABBOTT	USA	1:05.02	RICK ABBOTT	USA	2:15.29	HUGO BREGMAN	NED
1:11.72	ANTHONY DUNNE	AUS	25.27	JACK GROSELLE	USA	1:05.81	SCOTT SHAKE	USA	2:18.57	PAUL CARTER	USA
1:11.86	ANDREA FLORIT	ITA	25.46	KEVIN DEFORREST	USA	1:06.50	MARIO LLORET	ESP	2:19.16	FRANCIS CHRISTIAN	AUS
1:12.01	GREG SCOTT	USA	25.47	GARY SCHATZ	USA	1:07.32	JONATHAN KLEIN	USA	2:21.85	WILLIAM SPECHT	USA
1:13.38	TADASHI FUJIMOTO	JPN	25.57	PAUL CARTER	USA	1:07.52	ALAN GODFREY	AUS	2:27.03	PAUL BLACKBEARD	RSA
200 M. BRST			25.58	LARRY FORSYTH	AUS	1:08.23	MARK CROSHIER	USA	2:28.67	KERRY O'BRIEN	USA
2:27.79	DAVID GUTHRIE	USA	25.86	BARRY ROTH	USA	1:08.28	WIESLAW MUSIAL	CAN	2:30.17	DAVID VANDAM	USA
2:36.17	RICHARD LOCKHART	NZL	25.99	MASSIMO FELICETTI	ITA	1:09.17	JOHN RITTENHOUSE	GBR	2:30.43	DAN STEPHENSON	USA
2:37.30	THOMAS LIGL	GER	26.20	SCOTT MCINTYRE	AUS	1:09.25	PHILIPP DJANG	USA	2:30.58	PAUL CREASON	USA
2:38.21	KAZUNORI UEMURA	JPN	100 M. FREE			1:09.46	GARY SCHATZ	USA	2:31.02	JOHN MORALES	USA
2:39.17	ANTHONY DUNNE	AUS	55.13	RICK ABBOTT	USA	200 M. BACK			200 M. I.M.		
2:39.64	SERGEY MOLODIN	RUS	55.61	JACK GROSELLE	USA	2:22.62	WIESLAW MUSIAL	CAN	2:20.02	MICHAEL MANN	USA
2:42.54	AL JAEGRS	USA	56.06	BRENT BARNES	JPN	2:23.28	SCOTT SHAKE	USA	2:20.99	KEN SHILLING	USA
2:42.79	BRIAN HASEGAWA	CAN	56.29	BOB BUGG	USA	2:27.41	JOE DUNN	USA	2:25.75	DAN STEPHENSON	USA
2:43.20	GREG SCOTT	USA	57.47	LARRY FORSYTH	AUS	2:28.07	ALAN GODFREY	AUS	2:26.11	SCOTT SHAKE	USA
2:44.49	MARK SMEDLEY	AUS	57.72	PAUL BLACKBEARD	RSA	2:28.20	JOHN RITTENHOUSE	GBR	2:26.94	RICK ABBOTT	USA
50 M. FLY			57.96	CHARLES LEMAISTRE	USA	2:30.41	JONATHAN KLEIN	USA	2:27.99	JOHN MORALES	USA
25.96	PAUL SMITH	USA	58.10	WARREN SCHENSTROM	USA	2:32.39	GARY SCHATZ	USA	2:28.69	WIESLAW MUSIAL	CAN
26.03	ANDE RASMUSSEN	USA	58.12	GARY SCHATZ	USA	2:35.25	TOM BARTON	USA	2:28.87	SIMON VEALE	GBR
26.57	GREGG PRICE	RSA	58.15	LUIZ TORELLY	BRA	2:35.98	RICHARD CHAPPELL	USA	2:29.70	PATRICK ALLENDER	USA
26.97	METELLO SAVINO	ITA	200 M. FREE			2:36.02	BERNARD PROUX	FRA	2:29.89	GREGORY DOZER	USA
27.11	JOHN ENGS	USA	2:00.82	DAN STEPHENSON	USA	50 M. BRST			400 M. I.M.		
27.13	JOHN KENNY	USA	2:03.01	BOB BUGG	USA	32.23	BENN DOYLE	USA	5:11.38	SCOTT SHAKE	USA
27.23	KAI DITZEL	GER	2:05.07	FRANCIS CHRISTIAN	AUS	32.44	GERHARD AMMER	GER	5:14.09	HUGO BREGMAN	NED
27.23	JEFF STILING	USA	2:07.23	JACK GROSELLE	USA	32.46	RONNY OLTNER	SWE	5:14.91	MICHAEL MANN	USA
27.40	DOUGLAS PRIDE	USA	2:09.67	PAUL BLACKBEARD	RSA	32.61	WOLFGANG PIRL	GER	5:19.30	JOHN MORALES	USA
27.61	KOJI HASHIMOTO	JPN	2:10.00	BRADFORD GANDEE	USA	33.06	PATRICK ALLENDER	USA	5:22.52	PETER KAUCH	GER
100 M. FLY			2:10.47	MARK DRENNEN	USA	33.09	DAVID GRAY	USA	5:23.24	MARK DRENNEN	USA
57.60	PAUL SMITH	USA	2:10.61	JOHN MORALES	USA	33.25	MORIHIRO WADA	JPN	5:23.50	WIESLAW MUSIAL	CAN
59.64	JOHN ENGS	USA	2:11.80	ALAN GODFREY	AUS	33.33	GREG SMITH	UAE	5:24.08	SIMON VEALE	GBR
59.73	MARCUS MATTIOLI	BRA	2:12.20	LIONEL PAILLIEZ	FRA	33.43	DAVID HOLLAND	USA	5:24.64	JIM CALLAHAN	USA
59.74	ANDE RASMUSSEN	USA	400 M. FREE			33.53	PETER LANG	GER	5:28.76	DON CHOLODENKO	USA
59.87	JOHN KENNY	USA	4:18.33	DAN STEPHENSON	USA	100 M. BRST					
1:00.23	STEVE WOOD	USA	4:24.41	FRANCIS CHRISTIAN	AUS	1:12.82	PATRICK ALLENDER	USA	*****		
1:00.82	KAI DITZEL	GER	4:27.91	MICHAEL MANN	USA	1:12.83	BENN DOYLE	USA	M E N 55-59		
1:01.00	GREGG PRICE	RSA	4:34.61	MARK DRENNEN	USA	1:13.24	JACK GROSELLE	USA	*****		
1:01.07	JEFF STILING	USA	4:34.62	PAUL BLACKBEARD	RSA	1:13.38	DAVID HOLLAND	USA	50 M. FREE		
1:01.76	DARREN PHELAN	USA	4:35.54	KIM HARKER	NZL	1:13.48	WOLFGANG PIRL	GER	25.31	MIKE TENNANT	USA
200 M. FLY			4:38.75	JOHN MORALES	USA	1:14.02	RONNY OLTNER	SWE	25.69	DOUG MARTIN	USA
2:04.07	DENNIS BAKER	USA	4:39.42	BRADFORD GANDEE	USA	1:14.34	DAVID GRAY	USA	26.18	LEONARD BIELICZ	SWE
2:10.67	MARCUS MATTIOLI	BRA	4:40.50	JIM CALLAHAN	USA	1:14.52	G.HOFFMANN	USA	26.35	LARRY KRAUSER	USA
2:19.34	KAI DITZEL	GER	4:42.67	VLADIMIR KULAGIN	RUS	1:15.41	GERHARD AMMER	GER	26.69	TIMOTHY SHEAD	RSA



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26.78	TED HAMMOND	USA	1:11.87	EDDIE RIACH	GBR	2:49.22	JOEL KRIGER	BRA	10:06.94	GRAHAM CROFT	AUS
26.79	WES EDWARDS	USA	1:12.13	TAKEO HIRAMOTO	JPN	2:49.48	FRANK MCINTYRE	USA	10:15.35	STEVE JOHNSON	USA
26.81	TERRY DOWNES	RSA	1:13.02	DAVE WILKIN	CAN	2:55.48	D.CHIAROLINI	ITA	10:18.48	GEORGE WENDT	USA
26.86	ALEXANDER MILLS	NOR	1:13.34	JACK COURTNEY	USA	2:57.06	HERBERT BLOCH	GER	10:21.75	JEAN LESTIDEAU	FRA
26.96	FUMIO SHIGENO	JPN	1:13.92	TERRY DOWNES	RSA	2:59.02	DAVID DAVENPORT	GBR	10:26.41	CHRIS DUNN	GBR
100 M. FREE			200 M. BACK			200 M. I.M.			10:27.92	D.UIJTENBOGAART	NED
58.18	MIKE TENNANT	USA	2:27.49	FRED FERROGGIARO	USA	2:24.12	RICK COLELLA	USA	10:33.81	DUNCAN MCCREADIE	FRA
58.78	LARRY KRAUSER	USA	2:29.60	JOHN MARCH	AUS	2:24.16	TIMOTHY SHEAD	RSA	10:38.10	VICTOR PAUL	AUS
59.15	PHIL DODSON	USA	2:29.67	WES EDWARDS	USA	2:29.65	ROBERT WEYHENKE	NED	10:38.80	BARRY SEYMOUR	AUS
59.27	ALEXANDER MILLS	NOR	2:32.97	EDDIE RIACH	GBR	2:31.17	ALEXANDER MILLS	NOR	10:45.38	BRUCE MOHL	USA
59.51	TED HAMMOND	USA	2:36.68	ALEKSEI SHESTAKOV	USA	2:35.18	ALEKSEI SHESTAKOV	USA	1500 M. FREE		
59.52	BILL DEVENISH	AUS	2:39.96	MIROSLAW WARCHOL	POL	2:36.67	EDDIE RIACH	GBR	19:07.93	GEORGE WENDT	USA
59.78	LEONARD BIELICZ	SWE	2:40.08	MARK PUGLIESE	USA	2:37.49	HUBIE KERNS	USA	19:53.86	STEVE JOHNSON	USA
59.88	TERRY DOWNES	RSA	2:41.30	ROSS PERRY	AUS	2:37.67	JEAN-MARIE CADIAT	BEL	20:05.85	D.UIJTENBOGAART	NED
1:00.04	WES EDWARDS	USA	2:42.15	MICHAEL STAMHUIS	CAN	2:38.25	STEVEN HECK	USA	20:06.29	VICTOR PAUL	AUS
1:00.84	TATE HOLT	USA	2:42.44	ALAIN VANACKER	FRA	2:38.71	MIKE MORROW	CAN	20:26.31	JOEL WILSON	USA
200 M. FREE			50 M. BRST			400 M. I.M.			20:46.09	MARVIN SCHWARTZ	USA
2:09.25	PHIL DODSON	USA	32.07	TIMOTHY SHEAD	RSA	5:33.81	PHIL DODSON	USA	20:59.84	BARRY SEYMOUR	AUS
2:09.54	BILL DEVENISH	AUS	33.08	STUART ELLICOTT	AUS	5:37.03	ALEKSEI SHESTAKOV	USA	21:13.34	BOB BRUCE	USA
2:10.62	LARRY KRAUSER	USA	33.97	ALEXANDER MILLS	NOR	5:38.24	JEAN-MARIE CADIAT	BEL	21:15.79	GRAHAM SHORT	GBR
2:13.07	JOEL KRIGER	BRA	34.44	A.BATISTSEV	EST	5:39.09	TIM BRODERICK	USA	21:18.37	MOSHE GERTEL	ISR
2:13.70	J.CHATARD	FRA	34.46	MICHAEL BARRY	USA	5:40.93	EDDIE RIACH	GBR	50 M. BACK		
2:14.00	ALEXANDER MILLS	NOR	34.63	MILTON IDERIHA	BRA	5:43.38	TIM SHEAD	RSA	32.56	HUGH WILDER	USA
2:14.02	TERRY DOWNES	RSA	34.72	TONY CAWOOD	RSA	5:45.35	MIKE MORROW	CAN	33.32	ATTIA GHARIB	EGY
2:14.93	DOUG HOWIESON	RSA	34.89	ALAN CARLISLE	AUS	5:50.84	ROBERT BROWN	USA	33.51	JEAN LESTIDEAU	FRA
2:15.15	ROSS KEE	AUS	34.91	BOB HATHERLY	RSA	5:52.52	FRED FARLEY	USA	34.38	GREGORY GUSH	USA
2:16.24	RICK WALKER	USA	34.97	ROBERT WEYHENKE	NED	5:53.85	JIM CLEMMONS	USA	34.41	DIETER SEIFERT	GER
400 M. FREE			100 M. BRST						34.83	ROBERT STRAND	USA
4:39.19	BILL DEVENISH	AUS	1:11.13	TIMOTHY SHEAD	RSA	*****			34.87	DONALD GALINE	USA
4:40.63	J.CHATARD	FRA	1:14.30	RICK COLELLA	USA		M E N 60-64		35.01	PATRICK DEVINE	AUS
4:41.46	LARRY KRAUSER	USA	1:16.87	BOB HATHERLY	RSA	*****			35.12	DOUG WILSON	RSA
4:42.19	PHIL DODSON	USA	1:17.48	ROBERT WEYHENKE	NED	50 M. FREE			35.13	ERIC HODGSON	GBR
4:45.91	DOUG HOWIESON	RSA	1:17.60	STUART ELLICOTT	AUS	25.85	VINCENZO DE SIO	ITA	100 M. BACK		
4:46.95	JOEL KRIGER	BRA	1:17.72	RICK WALKER	USA	27.42	ALAN BROWN	AUS	1:10.77	HUGH WILDER	USA
4:48.81	M.CAFFERY	USA	1:18.02	A.BATISTSEV	EST	27.81	DAVID QUIGGIN	USA	1:16.25	ATTIA GHARIB	EGY
4:49.06	RICK WALKER	USA	1:18.17	ALLEN STARK	USA	27.87	GRAHAM CROFT	AUS	1:16.91	DONALD GALINE	USA
4:49.44	J.MOUSSAY	FRA	1:18.19	ALAN CARLISLE	AUS	28.00	JIM DRAGON	USA	1:17.07	DANNY WALMSLEY	CAN
4:50.94	LUIS PINEYRO	MEX	1:18.56	HUBIE KERNS	USA	28.22	ROBERT STRAND	USA	1:18.06	GREGORY GUSH	USA
800 M. FREE			200 M. BRST			28.22	JON SHASTID	USA	1:18.37	ERIC HODGSON	GBR
9:46.83	LARRY KRAUSER	USA	2:38.66	RICK COLELLA	USA	28.24	A.BASHMAKOV	RUS	1:18.78	RICHARD KITTEL	USA
9:48.46	J.CHATARD	FRA	2:41.54	TIMOTHY SHEAD	RSA	28.32	DIETER SEIFERT	GER	1:18.93	PATRICK DEVINE	AUS
9:52.36	DOUG HOWIESON	RSA	2:51.66	BOB HATHERLY	RSA	28.34	BARRIE ROLFE	GBR	1:19.41	MALCOLM MUNRO	GBR
9:52.70	RICK WALKER	USA	2:51.85	A.BATISTSEV	EST	28.34	DOUGLAS PRENTICE	USA	1:19.72	IVAN MYALL	GBR
9:53.56	JOEL KRIGER	BRA	2:52.29	HIROKAZU AOYAMA	JPN	100 M. FREE			200 M. BACK		
10:00.54	MACIEJ SLUGOCKI	AUS	2:53.51	ALLEN STARK	USA	1:01.02	GRAHAM CROFT	AUS	2:46.82	LONNY HARRISON	USA
10:01.82	M.CAFFERY	USA	2:54.92	HUBIE KERNS	USA	1:01.74	DAVID QUIGGIN	USA	2:47.40	HUGH WILDER	USA
10:07.47	FRED FERROGGIARO	USA	2:55.52	W.FICKENSCHER	GER	1:02.02	RICHARD KITTEL	USA	2:48.23	MALCOLM MUNRO	GBR
10:09.52	J.MOUSSAY	FRA	2:56.03	ALAN CARLISLE	AUS	1:02.84	DIETER SEIFERT	GER	2:49.03	ATTIA GHARIB	EGY
10:10.80	EDWIN RIACH	ESP	2:56.09	STUART ELLICOTT	AUS	1:02.98	CHRIS DUNN	GBR	2:50.10	IVAN MYALL	GBR
1500 M. FREE			50 M. FLY			1:03.32	LONNY HARRISON	USA	2:50.44	KURT FREI	SUI
18:55.54	M.CAFFERY	USA	28.28	LEONARD BIELICZ	SWE	1:03.37	DOUGLAS PRENTICE	USA	2:51.01	PATRICK DEVINE	AUS
19:08.23	JOEL KRIGER	BRA	28.94	DON MEHL	USA	1:03.63	DONALD GALINE	USA	2:51.36	DANNY WALMSLEY	CAN
19:12.17	LARRY KRAUSER	USA	28.96	MARK PUGLIESE	USA	1:03.72	GLENN WOODSUM	USA	2:52.26	TOSHIKAKI MIYATA	JPN
19:22.05	RICK WALKER	USA	29.07	JEAN-MARIE CADIAT	BEL	1:03.79	EDWARD RUDLOFF JR	USA	2:54.40	GREGORY GUSH	USA
19:35.16	JIM CLEMMONS	USA	29.08	SCOTT LAUTMAN	USA	200 M. FREE			50 M. BRST		
19:35.60	MICHAEL STAMHUIS	CAN	29.10	DOUG MARTIN	USA	2:12.69	FRED SCHLICHER	USA	33.41	ROBERT STRAND	USA
19:43.73	JEAN-MARIE CADIAT	BEL	29.14	DAVE DICKSON	CAN	2:13.94	GRAHAM CROFT	AUS	34.71	KENNETH FROST	USA
19:47.05	J.MOUSSAY	FRA	29.23	DAVE WILKIN	CAN	2:18.39	LONNY HARRISON	USA	34.92	DIETER HOFEL	GER
19:59.59	HUBIE KERNS	USA	29.25	BEN VAN DYKE	NZL	2:19.52	DUNCAN MCCREADIE	FRA	35.41	JOZEF KLUKOWSKI	POL
20:00.18	JOHN NUNNELLY	USA	29.25	ALISTAIR COCKBURN	USA	2:19.75	EDWARD RUDLOFF JR	USA	35.83	DENNIS SHIPPEY	USA
50 M. BACK			100 M. FLY			2:20.38	RICHARD KITTEL	USA	36.23	JACQUES SICOT	FRA
30.79	ALISTAIR COCKBURN	USA	1:03.95	SCOTT LAUTMAN	USA	2:21.16	CHRIS DUNN	GBR	36.31	PETER HARDING	USA
31.21	WES EDWARDS	USA	1:04.19	JOHN MARCH	AUS	2:21.49	STEVE JOHNSON	USA	36.48	SEIKO OKAZAKI	JPN
31.85	ALAIN VANACKER	FRA	1:05.95	DAVE DICKSON	CAN	2:22.70	GEORGE WENDT	USA	36.58	YOSHITADA MAEDA	JPN
31.97	TAKEO HIRAMOTO	JPN	1:06.07	LEONARD BIELICZ	SWE	2:23.26	FRED BAIRD	USA	36.69	WOLFGANG GATCKE	GER
32.34	MARK PUGLIESE	USA	1:07.17	JEAN-MARIE CADIAT	BEL	400 M. FREE			100 M. BRST		
32.34	DOUG BROCKBANK	USA	1:08.16	MARK PUGLIESE	USA	4:48.25	GRAHAM CROFT	AUS	1:15.42	ROBERT STRAND	USA
32.38	JOHN MARCH	AUS	1:08.79	BEN VAN DYKE	NZL	4:49.83	GEORGE WENDT	USA	1:17.96	KENNETH FROST	USA
32.57	TIM SHEAD	RSA	1:09.07	DON MEHL	USA	4:54.90	DUNCAN MCCREADIE	FRA	1:20.53	JOZEF KLUKOWSKI	POL
32.93	STEVE MANN	USA	1:09.30	KEVIN MCCORMACK	USA	4:58.33	STEVE JOHNSON	USA	1:21.18	SEIKO OKAZAKI	JPN
33.01	TERRY DOWNES	RSA	1:09.48	ALEKSEI SHESTAKOV	USA	5:01.99	CHRIS DUNN	GBR	1:21.27	GEORGE WENDT	USA
100 M. BACK			200 M. FLY			5:03.91	LONNY HARRISON	USA	1:22.45	PETER HARDING	USA
1:07.29	TIMOTHY SHEAD	RSA	2:26.37	SCOTT LAUTMAN	USA	5:05.28	JEAN LESTIDEAU	FRA	1:22.50	DIETER HOEFEL	GER
1:08.20	WES EDWARDS	USA	2:27.22	JOHN MARCH	AUS	5:07.81	EDWARD RUDLOFF JR	USA	1:22.93	YOSHITADA MAEDA	JPN
1:09.24	JOHN MARCH	AUS	2:38.64	JEAN-MARIE CADIAT	BEL	5:08.85	BARRY SEYMOUR	AUS	1:23.27	PATRICK DEVINE	AUS
1:11.04	MARK PUGLIESE	USA	2:44.11	J.MOUSSAY	FRA	5:09.08	D.UIJTENBOGAART	NED	1:23.43	ALBERTO SICA	ITA
1:11.62	ALAIN VANACKER	FRA	2:47.75	FERENC ERDELYI	HUN	800 M. FREE			200 M. BRST		



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2:50.77	ROBERT STRAND	USA	29.00	TOM LANDIS	USA	1:21.88	BILL RUPERT	USA	3:12.79	TOM LANDIS	USA
2:55.81	GEORGE WENDT	USA	29.06	IAN SMITH	CAN	1:22.31	MASAO KIJIMA	JPN	3:16.08	ROB HANOU	NED
2:56.16	KENNETH FROST	USA	29.09	ROSS LEIGHTON	AUS	1:22.31	FRANS VAN ENST	NED	3:16.61	WILLIAM LETCH	GBR
2:59.30	JOZEF KLUKOWSKI	POL	100 M. FREE			200 M. BACK			200 M. I.M.		
3:01.72	PATRICK DEVINE	AUS	1:01.75	KEEFE LODWIG	USA	2:40.95	BERND HORSTMANN	GER	2:44.44	GERSHON SHEFA	ISR
3:03.56	NIKOLAY KULAKOV	RUS	1:02.62	TOM LANDIS	USA	2:42.96	JOZSEF CSIKANY	HUN	2:51.50	MIKE FRESHLEY	USA
3:04.27	PAUL WYATT	AUS	1:02.84	JAMES ELDER	USA	2:44.09	RICHARD BURNS	USA	2:52.91	RICHARD BURNS	USA
3:05.52	SEIKO OKAZAKI	JPN	1:03.01	RICHARD BURNS	USA	2:51.87	RICHARD TODD	USA	2:53.01	RICHARD TODD	USA
3:05.88	NORIAKI TSUJI	JPN	1:03.75	RUDOLF SMERDA	CZE	2:53.07	LUIZ FIGUEIREDO	BRA	2:54.70	TOM LANDIS	USA
3:06.67	STEVEN PETERSON	USA	1:04.64	VINUS VAN BAALLEN	USA	2:55.69	ROBERT SMITH	USA	2:55.03	BARRY YOUNG	NZL
50 M. FLY			1:05.80	AKIRA FUJIMAKI	JPN	2:57.82	DONALD MCINTOSH	USA	2:55.24	KOJI IWAMOTO	JPN
28.55	DINO BERNARDI	ITA	1:06.09	DAN WILLERT	USA	2:59.89	BILL RUPERT	USA	2:56.99	MASAO KIJIMA	JPN
29.10	JIM DRAGON	USA	1:06.24	DAVID BOYLSON	AUS	3:01.43	GARY NICHOLLS	AUS	2:58.79	GARY NICHOLLS	AUS
29.70	SHIGEO ASANO	JPN	1:06.26	IAN SMITH	CAN	3:03.71	T.HARASZTI	USA	2:59.47	LUCIANO CAMMELLI	ITA
29.72	JOSEP CLARET	ESP	200 M. FREE			50 M. BRST			400 M. I.M.		
29.84	JOEL BURNS	USA	2:18.53	TOM LANDIS	USA	36.30	RICHARD TODD	USA	5:55.49	GERSHON SHEFA	ISR
29.87	ASANO SHIGEO	JPN	2:22.56	RICHARD BURNS	USA	36.50	YOSHIHIKO OSAKI	JPN	6:19.90	MASAO KIJIMA	JPN
29.98	PETER GODFREY	GBR	2:24.00	KEEFE LODWIG	USA	36.75	LOUIS KRONFELD	USA	6:23.16	MIKE FRESHLEY	USA
30.02	JEAN LESTIDEAU	FRA	2:24.19	RUDOLF SMERDA	CZE	37.17	GERSHON SHEFA	ISR	6:27.01	TOM LANDIS	USA
30.11	FRED BAIRD	USA	2:29.15	DAN WILLERT	USA	37.40	THOMAS BOAK	USA	6:39.66	ROB HANOU	NED
30.15	HORST LEHMANN	GER	2:29.63	DONALD MCINTOSH	USA	37.75	ROBERT SMITH	USA	6:40.50	HELMUT BEER	GER
100 M. FLY			2:30.42	AKIRA FUJIMAKI	JPN	37.77	DAVID GILDEA	USA	6:48.73	MICHAEL MOLONEY	AUS
1:03.98	FRED SCHLICHER	USA	2:31.37	TONY CHERRINGTON	GBR	37.90	KENRO ISHIDA	JPN	6:51.32	HENRI VIDIL	FRA
1:07.98	SHIGEO ASANO	JPN	2:32.14	LUCIANO CAMMELLI	ITA	37.93	ANTONIO ORSELLI	BRA	6:52.09	ALFRED JACOB	BRA
1:08.41	JOEL BURNS	USA	2:32.22	MARIO PATERNI	ITA	38.42	ERIK HAITES	CAN	6:53.21	P.WERMELSKIRCHEN	GER
1:08.74	JOSEP CLARET	ESP	400 M. FREE			100 M. BRST			*****		
1:09.18	ASANO SHIGEO	JPN	5:08.54	TOM LANDIS	USA	1:21.75	GERSHON SHEFA	ISR	M E N 70-74		
1:09.62	JEAN LESTIDEAU	FRA	5:13.29	CARLOS CANEPA	PER	1:22.82	RICHARD TODD	USA	*****		
1:09.70	FRED BAIRD	USA	5:14.60	RUDOLF SMERDA	CZE	1:24.91	DAVID GILDEA	USA	50 M. FREE		
1:11.58	HORST LEHMANN	GER	5:14.60	DONALD MCINTOSH	USA	1:24.97	ERIK HAITES	CAN	28.85	PETER BERGENGREN	SWE
1:12.55	EDWARD RUDLOFF JR	USA	5:14.82	MARIO PATERNI	ITA	1:25.38	ANTONIO ORSELLI	BRA	29.12	CAV CAVANAUGH	USA
1:12.88	DEREK PARR	GBR	5:18.81	LUCIANO CAMMELLI	ITA	1:25.53	KLAUS OSTERROHT	GER	30.42	HIROSHI MATSUMOTO	JPN
200 M. FLY			5:19.32	TADANOBU YAMADA	JPN	1:25.81	THOMAS BOAK	USA	30.43	DAVID PAINTER	USA
2:31.58	FRED SCHLICHER	USA	5:22.37	AKIRA FUJIMAKI	JPN	1:26.40	RAINER OPITZ	GER	30.44	DAVID RADCLIFF	USA
2:40.12	JEAN LESTIDEAU	FRA	5:27.52	JOACHIM HINTZE	GER	1:26.89	MICHAEL MOLONEY	AUS	30.86	MANFRED BONICKE	GER
2:50.08	GABOR CSABA	HUN	5:31.48	DAN WILLERT	USA	1:27.61	JURGEN ZIMMERMANN	GER	30.92	MASATO YOSHINO	JPN
2:54.13	VICTOR PAUL	AUS	800 M. FREE			200 M. BRST			30.98	WILLIAM VAN HORN	USA
2:54.36	JOEL BURNS	USA	10:30.22	TOM LANDIS	USA	2:59.99	GERSHON SHEFA	ISR	31.00	JERRY CLARK	USA
2:57.04	PAUL WYATT	AUS	10:51.42	CARLOS CANEPA	PER	3:02.85	RICHARD TODD	USA	31.01	TOM VERTH	CAN
2:57.76	HORST LEHMANN	GER	10:56.12	JOACHIM HINTZE	GER	3:06.74	DAVID GILDEA	USA	100 M. FREE		
3:01.54	FRED BAIRD	USA	11:04.75	DONALD MCINTOSH	USA	3:07.69	MICHAEL MOLONEY	AUS	1:07.08	MASATO YOSHINO	JPN
3:02.16	D.UJTENBOGAART	NED	11:18.75	LUCIANO CAMMELLI	ITA	3:09.60	ERIK HAITES	CAN	1:07.52	CAV CAVANAUGH	USA
3:02.64	TONY O'BRIEN	IRL	11:19.22	CYRIL BALDOCK	AUS	3:13.37	ROB HANOU	NED	1:08.36	DAVID RADCLIFF	USA
200 M. I.M.			11:23.07	TADANOBU YAMADA	JPN	3:14.69	RAINER OPITZ	GER	1:09.35	JERRY CLARK	USA
2:30.72	FRED SCHLICHER	USA	11:24.53	DAN WILLERT	USA	3:15.15	KLAUS OSTERROHT	GER	1:10.39	WERNER SCHNABEL	GER
2:38.89	JEAN LESTIDEAU	FRA	11:28.84	RUDOLF SMERDA	CZE	3:17.19	MASARU SHINKAI	JPN	1:10.42	NIC GEERS	NED
2:39.65	LONNY HARRISON	USA	11:32.86	IVAN PIVOVAROV	CAN	3:18.00	ROY DAVIS	USA	1:11.61	BOB BAILIE	USA
2:41.20	GEORGE WENDT	USA	1500 M. FREE			50 M. FLY			1:12.20	ANDY MORROW	USA
2:43.04	DUNCAN MCCREADIE	FRA	20:00.97	TOM LANDIS	USA	28.68	KEEFE LODWIG	USA	1:12.23	KAZUYA NISHINO	JPN
2:44.42	GABOR CSABA	HUN	20:58.00	JOACHIM HINTZE	GER	31.07	TOMOYASU IIDA	JPN	1:12.29	HENDRIK DE BRUIJN	ESP
2:45.53	PATRICK DEVINE	AUS	21:34.90	LUCIANO CAMMELLI	ITA	31.14	BERND SCHRODER	GER	200 M. FREE		
2:46.01	KENNETH FROST	USA	22:14.46	ALEX GALLETTY	GBR	31.20	AKIRA TAKAKURA	JPN	2:26.20	DAVID RADCLIFF	USA
2:46.50	ATTIA GHARIB	EGY	22:21.77	T.HARASZTI	USA	31.53	JAMES ELDER	USA	2:32.16	MASATO YOSHINO	JPN
2:48.32	SHIGEO ASANO	JPN	22:24.34	SANDY GALLETTY	USA	31.55	ROBERT SMITH	USA	2:33.39	WERNER SCHNABEL	GER
400 M. I.M.			22:28.98	HENRI VIDIL	FRA	31.66	CAPPY SHEELEY	USA	2:33.77	CAV CAVANAUGH	USA
5:30.99	FRED SCHLICHER	USA	22:37.36	BILL DAWSON	USA	31.85	ROBERT POILETMAN	USA	2:34.60	NIC GEERS	NED
5:43.77	GEORGE WENDT	USA	22:43.49	HEINZ DEKARA	GER	31.98	KOJI IWAMOTO	JPN	2:35.68	JERRY CLARK	USA
5:49.41	JEAN LESTIDEAU	FRA	22:45.35	BARRY YOUNG	NZL	32.11	RICHARD BURNS	USA	2:38.95	DAVID HARRISON	USA
5:54.65	GABOR CSABA	HUN	50 M. BACK			100 M. FLY			2:40.27	JOHN CRISP	AUS
6:02.40	HERBERT LANGE	GER	32.65	RICHARD BURNS	USA	1:09.98	ROBERT POILETMAN	USA	2:44.19	CHRISTIAN THIESS	AUS
6:02.67	VICTOR PAUL	AUS	33.50	BERND HORSTMANN	GER	1:13.15	BERND SCHRODER	GER	2:45.68	BURWELL JONES	USA
6:03.17	PATRICK DEVINE	AUS	33.72	JOZSEF CSIKANY	HUN	1:13.54	TOMOYASU IIDA	JPN	400 M. FREE		
6:03.37	D.UJTENBOGAART	NED	33.74	VINUS VAN BAALLEN	USA	1:13.78	RICHARD BURNS	USA	5:17.20	DAVID RADCLIFF	USA
6:12.40	PAUL WYATT	AUS	33.87	ROBERT SMITH	USA	1:13.78	AKIRA TAKAKURA	JPN	5:30.72	MASATO YOSHINO	JPN
6:14.86	BOB COUCH	USA	34.25	LUIZ FIGUEIREDO	BRA	1:13.85	KOJI IWAMOTO	JPN	5:31.22	WERNER SCHNABEL	GER
*****			36.00	YURY MARENKOV	RUS	1:15.95	CARLOS CANEPA	PER	5:31.92	JOHN CRISP	AUS
M E N 65-69			36.17	HIROSHI NONAKA	JPN	1:16.34	KEEFE LODWIG	USA	5:33.24	NIC GEERS	NED
*****			36.46	JOHN WHITLEY	USA	1:16.55	IVAN PIVOVAROV	CAN	5:45.80	IKURO SHIMONO	JPN
50 M. FREE			36.51	MASAYA OCHIAi	JPN	1:17.78	JOAQUIN CANALES	ESP	5:47.40	DAVID HARRISON	USA
27.37	KEEFE LODWIG	USA	100 M. BACK			200 M. FLY			5:49.84	JERRY CLARK	USA
27.63	JAMES ELDER	USA	1:12.92	RICHARD BURNS	USA	2:51.06	ROBERT POILETMAN	USA	5:53.77	DAVID MCLACHLAN	RSA
27.65	ROBERT SMITH	USA	1:14.80	BERND HORSTMANN	GER	2:54.46	RUDOLF SMERDA	CZE	5:54.23	MARTY MENNEN	USA
27.74	VINUS VAN BAALLEN	USA	1:15.01	JOZSEF CSIKANY	HUN	2:56.08	JOACHIM HINTZE	GER	800 M. FREE		
28.41	LUIZ FIGUEIREDO	BRA	1:17.28	BARRY YOUNG	NZL	3:01.41	CARLOS CANEPA	PER	11:09.51	DAVID RADCLIFF	USA
28.73	RICHARD BURNS	USA	1:17.50	ROBERT SMITH	USA	3:04.77	IVAN PIVOVAROV	CAN	11:22.64	JOHN CRISP	AUS
29.00	ATTILA BANHIDY	HUN	1:17.55	LUIZ FIGUEIREDO	BRA	3:05.67	KOJI IWAMOTO	JPN	11:39.06	WERNER SCHNABEL	GER
			1:18.03	DONALD MCINTOSH	USA	3:07.19	YASUTAKA KOIKE	JPN			



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11:46.02	NIC GEERS	NED	3:13.17	CLAUDIO NEGRI	ITA	100 M. FREE	200 M. BACK				
12:09.30	DAVID HARRISON	USA	3:15.70	YOSHIAKI AOKI	JPN	1:10.02	SHINGO YAMAMOTO	JPN	3:00.32	BURWELL JONES	USA
12:09.34	JERRY CLARK	USA	3:17.90	CHRISTIAN THIESS	AUS	1:11.83	BURWELL JONES	USA	3:06.97	S.SEKIKAWA	JPN
12:13.89	DAVID MCLACHLAN	RSA	3:18.61	THOMAS WALKER	GBR	1:12.49	GRAHAM JOHNSTON	USA	3:13.03	YOSHI OYAKAWA	USA
12:21.88	FREDERIK DE BRUJN	ESP	3:23.63	MASAMI SHIGETA	JPN	1:16.16	YOSHI OYAKAWA	USA	3:17.96	CLARKE MITCHELL	USA
12:29.93	CHRISTIAN THIESS	AUS	3:24.43	DICK PETERSON	USA	1:16.48	ROBERT MAYO	USA	3:18.04	MAMPEI SEINO	JPN
12:34.50	HANS LINDSTROM	SWE	3:25.83	PETER BELL	CAN	1:16.71	ANDERS SODERQVIST	SWE	3:26.41	ROBERT MAYO	USA
1500 M. FREE			50 M. FLY			1:16.79	KIYOJI AMANO	JPN	3:27.60	ALAN RAPPERPORT	USA
21:07.50	DAVID RADCLIFF	USA	32.14	HIROSHI MATSUMOTO	JPN	1:17.01	IGOR BROVIN	RUS	3:27.99	ROGER BURREL	FRA
22:13.52	MASATO YOSHINO	JPN	32.36	BERT PETERSEN	USA	1:17.07	YOSHINAO KAMEI	JPN	3:30.29	GEORGE GFROERER	USA
22:39.21	WERNER SCHNABEL	GER	34.93	DAVID CUMMING	GBR	1:17.25	KAZUO OTA	JPN	3:35.36	M.TOMIMATSU	JPN
23:33.45	NIC GEERS	NED	34.99	PETER BERGENGREN	SWE	200 M. FREE			50 M. BRST		
23:42.37	GERHARD HOLE	GER	35.06	MANFRED BONICKE	GER	2:35.63	BURWELL JONES	USA	40.44	WERNER MULLER	GER
24:03.47	HANS LINDSTROM	SWE	35.35	MEL GOLDSTEIN	USA	2:41.42	GRAHAM JOHNSTON	USA	41.31	TSUTOMU KAJIHARA	JPN
24:08.22	TAKASHI ISHIMOTO	JPN	35.40	CARL MEADOR	USA	2:47.74	IGOR BROVIN	RUS	41.35	PATRICK GALVIN	AUS
24:40.64	YUTAKA AWAZAWA	JPN	35.48	BOB BAILIE	USA	2:51.88	WERNER MULLER	GER	41.83	SHUNSAKU TAKAHIRA	JPN
24:45.30	BRENT LAKE	USA	35.51	WOLFGANG SIEBER	GER	2:53.00	KIYOJI AMANO	JPN	42.71	RUDI VAN ESS	GER
25:07.81	BERND REHBEIN	GER	35.70	DAVID MCINTYRE	USA	2:54.88	KAZUO OTA	JPN	43.36	JOHN KORTHEUER	USA
50 M. BACK			100 M. FLY			2:56.81	YOSHI OYAKAWA	USA	43.66	BOB BEST	USA
37.74	PETER BERGENGREN	SWE	1:24.21	DAVID CUMMING	GBR	2:57.54	FUMIO EGAMI	JPN	43.81	ERIVALDO LIMA	BRA
37.75	MARTY MENNEN	USA	1:28.76	DAVID MCLACHLAN	RSA	2:58.17	JOSEF KREJCI	SUI	44.12	IWAO NARUSE	JPN
37.88	TOM VERTH	CAN	1:29.08	CHRISTIAN THIESS	AUS	2:59.24	ALAN RAPPERPORT	USA	44.34	ASHLEY JONES	USA
37.93	DAVID MCINTYRE	USA	1:30.04	MEL GOLDSTEIN	USA	400 M. FREE			100 M. BRST		
38.45	IKURO SHIMONO	JPN	1:30.41	TADAHIKO SAKATANI	JPN	5:35.89	BURWELL JONES	USA	1:31.90	TSUTOMU KAJIHARA	JPN
38.51	GUNTER KOBOW	GER	1:30.95	CLAUDIO NEGRI	ITA	5:41.08	GRAHAM JOHNSTON	USA	1:32.49	SHUNSAKU TAKAHIRA	JPN
38.54	MOTOHISA HIROSE	JPN	1:31.84	MASARU IGARASHI	JPN	5:55.07	IGOR BROVIN	RUS	1:33.29	WERNER MULLER	GER
39.44	SADAO TERADA	JPN	1:34.37	GUNTER SCHMAH	GER	6:12.06	JOSEF KREJCI	SUI	1:36.52	PATRICK GALVIN	AUS
39.61	HEINZ HUBNER	GER	1:34.74	ICHIRYO TAKECHI	JPN	6:14.82	GIULIO DIVANO	ITA	1:40.61	TSUTOMU MORIHIRO	JPN
39.64	ISAO KOYAMA	JPN	1:35.41	WALLY DOBLER	USA	6:22.76	KAZUO OTA	JPN	1:41.01	IWAO NARUSE	JPN
100 M. BACK			200 M. FLY			6:24.05	ROBERT MAYO	USA	1:41.04	AKIJI HIROSE	JPN
1:23.84	MARTY MENNEN	USA	3:13.74	CLAUDIO NEGRI	ITA	6:24.19	WERNER MULLER	GER	1:41.11	TAKAO OKAMOTO	JPN
1:26.86	IKURO SHIMONO	JPN	3:14.18	DAVID MCLACHLAN	RSA	6:27.77	TAKANAO SATO	JPN	1:42.39	TAKAO TSUCHIYA	JPN
1:27.21	TOM VERTH	CAN	3:21.42	DAVID CUMMING	GBR	6:29.95	MASAYASU KAMIYA	JPN	1:42.39	BOB BEST	USA
1:30.40	PETER BAUCH	GER	3:31.76	CHRISTIAN THIESS	AUS	800 M. FREE			200 M. BRST		
1:30.44	DOUGLAS ALPINO	BRA	3:38.25	TADAHIKO SAKATANI	JPN	12:01.67	GRAHAM JOHNSTON	USA	3:28.63	TSUTOMU KAJIHARA	JPN
1:30.51	CLAUDE MAUGARD	FRA	3:46.64	NIC GEERS	NED	12:12.48	IGOR BROVIN	RUS	3:31.13	ERIVALDO LIMA	BRA
1:30.85	GERHARD HOLE	GER	3:46.72	H.MULLER	GER	12:39.75	JOSEF KREJCI	SUI	3:31.28	SHUNSAKU TAKAHIRA	JPN
1:30.95	ISAO KOYAMA	JPN	3:47.37	PIERRE ROUBAUD	FRA	13:29.69	ROBERT MAYO	USA	3:35.56	WERNER MULLER	GER
1:30.96	ROBERT NORRIS	USA	3:49.21	GEROLAMO FORLANI	ITA	13:30.38	KAZUO OTA	JPN	3:43.15	PATRICK GALVIN	AUS
1:31.18	DAVID PAINTER	USA	3:54.94	IVAN WINGATE	AUS	13:31.99	ALAN RAPPERPORT	USA	3:45.20	TAKAO OKAMOTO	JPN
200 M. BACK			200 M. I.M.			13:35.62	MASAYASU KAMIYA	JPN	3:45.95	IWAO NARUSE	JPN
3:05.40	MARTY MENNEN	USA	3:04.66	MOTOHISA HIROSE	JPN	13:48.78	CHRISTOPHER SMITH	CAN	3:49.73	ASHLEY JONES	USA
3:09.50	GERHARD HOLE	GER	3:04.69	IKURO SHIMONO	JPN	14:04.57	WERNER MULLER	GER	3:54.19	TAKASHI SATO	JPN
3:10.76	THOMAS WALKER	GBR	3:05.64	JOHN CRISP	AUS	14:19.54	DAVID LAWLER	AUS	3:54.39	BOB BEST	USA
3:12.43	DOUGLAS ALPINO	BRA	3:06.10	CHRISTIAN THIESS	AUS	1500 M. FREE			50 M. FLY		
3:15.10	PETER BAUCH	GER	3:06.17	DAVID MCLACHLAN	RSA	23:31.73	GRAHAM JOHNSTON	USA	35.68	JEAN LE DALL	FRA
3:16.37	NIC GEERS	NED	3:09.88	NIC GEERS	NED	25:04.66	GIULIO DIVANO	ITA	35.95	TAKASHI HAYASHI	JPN
3:16.63	HANS-PETER WEDLER	GER	3:11.93	CLAUDIO NEGRI	ITA	25:57.49	KATSURA SUZUKI	JPN	36.34	CLARKE MITCHELL	USA
3:16.97	HEINZ HUBNER	GER	3:15.43	DAVID PAINTER	USA	26:38.06	WERNER MULLER	GER	36.73	WERNER MULLER	GER
3:19.48	E.NODENSCHNEIDER	FRA	3:18.59	GERHARD HOLE	GER	26:57.12	ALAN RAPPERPORT	USA	36.82	MASAYASU KAMIYA	JPN
3:22.51	ROBERT NORRIS	USA	3:19.22	CAV CAVANAUGH	USA	26:57.92	ROBERT MAYO	USA	37.37	TSUTOMU KAJIHARA	JPN
50 M. BRST			400 M. I.M.			27:30.34	CHRISTOPHER SMITH	CAN	38.29	TAKASHI SATO	JPN
37.47	KARL WIEDAMANN	USA	6:48.47	DAVID MCLACHLAN	RSA	27:35.03	ROBERT BEACH	USA	39.15	RUDI VAN ESS	GER
38.36	TONY GOODWIN	AUS	6:49.72	JOHN CRISP	AUS	27:46.51	EDWARD ASKEW	GBR	39.73	BOB BEST	USA
38.86	HANS REICHEL	GER	6:51.60	CHRISTIAN THIESS	AUS	28:28.49	GABRIEL GUIHO	FRA	39.77	ASHLEY JONES	USA
39.53	RINALDO FERREIRA	BRA	7:00.35	DAVID CUMMING	GBR	50 M. BACK			100 M. FLY		
39.84	JURGEN SCHUBERT	GER	7:01.59	CLAUDIO NEGRI	ITA	36.14	YOSHI OYAKAWA	USA	1:26.04	TAKASHI HAYASHI	JPN
39.86	PETER BELL	CAN	7:16.88	NIC GEERS	NED	36.38	S.SEKIKAWA	JPN	1:28.72	WERNER MULLER	GER
39.89	HIROFUMI HOSOTANI	JPN	7:21.27	E.NODENSCHNEIDER	FRA	37.63	BURWELL JONES	USA	1:37.37	ERIVALDO LIMA	BRA
40.64	WIEGER MENSONIDES	NED	7:21.41	CYRUS HOPKINS	USA	39.37	CLARKE MITCHELL	USA	1:39.04	MASAYASU KAMIYA	JPN
40.82	A.BERTUCCELLI	ITA	7:25.13	MEL GOLDSTEIN	USA	40.82	GEORGE GFROERER	USA	1:39.52	TAKASHI SATO	JPN
40.98	THOMAS WALKER	GBR	7:28.22	KAIZO YAMAMOTO	JPN	41.01	MAMPEI SEINO	JPN	1:39.88	HEINZ KRAUSS	GER
100 M. BRST						41.16	K.KAWASHIMA	JPN	1:42.30	IGOR BROVIN	RUS
1:24.71	KARL WIEDAMANN	USA	*****			41.36	MASAYASU KAMIYA	JPN	1:46.06	PATRICK GALVIN	AUS
1:26.50	TONY GOODWIN	AUS	M E N 75-79			41.48	ROBERT MAYO	USA	1:46.63	JORG FAUST	GER
1:28.03	YOSHIAKI AOKI	JPN	*****			42.27	JOHN GRAVE	CAN	1:49.70	TOSHIKAZU TATEDA	JPN
1:28.26	HANS REICHEL	GER	50 M. FREE			100 M. BACK			200 M. FLY		
1:28.43	CLAUDIO NEGRI	ITA	30.63	SHINGO YAMAMOTO	JPN	1:21.52	YOSHI OYAKAWA	USA	3:26.28	TAKASHI HAYASHI	JPN
1:29.88	RINALDO FERREIRA	BRA	31.38	YOSHI OYAKAWA	USA	1:22.50	S.SEKIKAWA	JPN	3:32.16	WERNER MULLER	GER
1:30.07	CHRISTIAN THIESS	AUS	31.42	ANDERS SODERQVIST	SWE	1:23.14	BURWELL JONES	USA	3:40.90	GIULIO DIVANO	ITA
1:30.67	TETSUO NAKAMARU	JPN	32.08	BURWELL JONES	USA	1:27.86	CLARKE MITCHELL	USA	3:58.34	HERB KERN	USA
1:31.12	RYOJI ABE	JPN	32.15	RUDI VAN ESS	GER	1:29.80	MAMPEI SEINO	JPN	3:59.16	JOSEF KREJCI	SUI
1:31.24	THOMAS WALKER	GBR	32.46	BOB BEST	USA	1:30.74	GEORGE GFROERER	USA	4:00.02	PATRICK GALVIN	AUS
200 M. BRST			32.52	CLARKE MITCHELL	USA	1:32.07	FRITZ ILGEN	GER	4:06.17	TOSHIMASA MINAMI	JPN
3:07.50	KARL WIEDAMANN	USA	32.74	MAX VAN GELDER	AUS	1:32.80	ROBERT MAYO	USA	4:21.21	TOM MITCHELL	USA
3:09.27	TONY GOODWIN	AUS	32.92	JEAN LE DALL	FRA	1:34.86	ALAN RAPPERPORT	USA	4:22.63	JORG FAUST	GER
3:12.61	HANS REICHEL	GER	33.02	MASAYASU KAMIYA	JPN	1:37.54	K.KAWASHIMA	JPN	4:24.00	TOSHIKAZU TATEDA	JPN



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

200 M. I.M.	16:25.22	EDWARD HOY	GBR	4:33.08	MANOEL COSTA	BRA	3:32.69	JURGEN SCHMIDT	USA
3:09.97 BURWELL JONES	USA	16:51.75 STAN JACOBS	AUS	4:36.22 JAMES GREEN	GBR	3:45.77 KEVIN VICKERY	AUS		
3:22.31 WERNER MULLER	GER	17:03.58 JORDAN WOLLE	USA	4:38.20 F.HUEBNER	GER	3:55.38 KAIZO WATANABE	JPN		
3:22.57 TSUTOMU KAJIHARA	JPN	17:04.94 PERC EDWARDS	AUS	4:42.18 ROBERT CUNNINGHAM	USA	4:15.72 PETER LOFTS	CAN		
3:23.11 GRAHAM JOHNSTON	USA	1500 M. FREE		50 M. FLY		4:17.08 JULIUS FEICHT	GER		
3:27.19 MASAYASU KAMIYA	JPN	25:59.56 HIROSHI YOSHIMURA	JPN	41.81 SILVANO DANIELI	ITA	4:18.60 MINORU FUKUI	JPN		
3:27.98 JOSEF KREJCI	SUI	29:17.53 HIROSHI IMAIZUMI	JPN	42.19 FRANK PIEMME	USA	4:24.14 KATSUZO SHIRAYAMA	JPN		
3:28.48 BOB BEST	USA	30:43.99 THOMAS MAINE	USA	43.52 GERHARD GIERA	GER	4:24.45 KARL BAYERLEIN	GER		
3:30.95 YOSHINAO KAMEI	JPN	31:45.04 THOMAS CURRIE	AUS	43.64 ROLF STELLRECHT	GER	4:25.84 JOHN BRICE	AUS		
3:38.96 EGON JANSEN	GER	32:47.20 FRED GOLDNER	USA	45.65 ROBERT MACDONALD	USA	400 M. FREE			
3:40.10 PATRICK GALVIN	AUS	32:48.73 SUKEHARU TAKANO	JPN	47.10 M.LEIPZIGER	BRA	7:06.36 WILLARD LAMB	USA		
400 M. I.M.		33:05.01 PERC EDWARDS	AUS	49.16 MINORU NAGASHIMA	JPN	7:25.95 JURGEN SCHMIDT	USA		
6:52.51 BURWELL JONES	USA	33:51.02 JORDAN WOLLE	USA	51.33 KARL HAUTER	GER	9:04.21 KARL BAYERLEIN	GER		
7:09.60 GIULIO DIVANO	ITA	35:17.41 TOM LOGAN	NZL	52.51 JAN ZIEGLER	CZE	9:22.59 JOHN BRICE	AUS		
7:19.30 JOSEF KREJCI	SUI	36:22.96 NEIR MARTINELLI	BRA	53.98 BRUNO HAMPEL	GER	9:23.06 PETER LOFTS	CAN		
7:21.08 WERNER MULLER	GER	50 M. BACK		100 M. FLY		9:26.09 GILBERT YOUNG	USA		
7:53.98 PATRICK GALVIN	AUS	42.13 SHOICHI SHIDA	JPN	1:50.89 SILVANO DANIELI	ITA	9:28.72 RENATO SALATI	RSA		
7:55.18 CHRISTOPHER SMITH	CAN	45.08 DALE WEBSTER	USA	1:54.26 JAN ZIEGLER	CZE	9:30.25 MINORU FUKUI	JPN		
7:57.02 YOSHINAO KAMEI	JPN	45.67 ROD BAKER	AUS	1:57.19 KARL HAUTER	GER	9:53.22 K.MROWCZYNSKI	POL		
8:03.29 MASAYASU KAMIYA	JPN	46.78 FRANK PIEMME	USA	1:57.21 THOMAS MAINE	USA	10:15.96 LUCIANO CANESSA	ITA		
8:16.90 C.WEATHERBEE	USA	47.50 GERHARD GROSSER	GER	1:57.79 FRANK PIEMME	USA	800 M. FREE			
8:18.05 JORG FAUST	GER	48.21 G.SHIMOMOTO	JPN	2:04.27 MINORU NAGASHIMA	JPN	14:36.90 WILLARD LAMB	USA		
		48.36 ALFIO FICHERA	ITA	2:13.14 DONALD HUBBARD	USA	15:32.70 JURGEN SCHMIDT	USA		
*****		48.50 JOHN MILLS	AUS	2:31.98 PAUL HUTINGER	USA	19:04.90 GILBERT YOUNG	USA		
M E N 80-84		49.81 KAZUMI NAGAI	JPN	2:40.57 TOM LOGAN	NZL	19:31.31 KARL BAYERLEIN	GER		
*****		49.85 LUIGI MARAFFI	ITA	3:14.80 LEE MIESEN	USA	20:53.07 RICHARD SMITH	USA		
50 M. FREE		100 M. BACK		200 M. FLY		21:43.71 JOHN BRICE	AUS		
33.89 FRANK PIEMME	USA	1:38.30 DALE WEBSTER	USA	4:14.45 THOMAS MAINE	USA	21:58.47 RICHARD TYBOUT	USA		
34.61 THOMAS CURRIE	AUS	1:43.26 JAN ZIEGLER	CZE	5:45.19 DON LEADER	GBR	26:00.50 BOB DOUD	USA		
34.74 SHOICHI SHIDA	JPN	1:45.32 G.SHIMOMOTO	JPN	6:49.68 SABURO MASUDA	JPN	26:37.72 JOSEPH MALLON	USA		
34.97 ROD BAKER	AUS	1:45.39 KARL HAUTER	GER	7:30.14 LEE MIESEN	USA	1500 M. FREE			
35.16 ALLEN MILES	GBR	1:49.20 SHOICHI NAKAGAWA	JPN	14:04.30 DOUGLAS STRONG	USA	28:35.24 WILLARD LAMB	USA		
35.37 JOHN MILLS	AUS	1:52.15 FRANK PIEMME	USA	200 M. I.M.		29:12.85 JURGEN SCHMIDT	USA		
35.71 DALE WEBSTER	USA	1:53.93 Y.KAWAMOTO	JPN	3:42.18 KARL HAUTER	GER	35:49.93 KARL BAYERLEIN	GER		
35.93 TOSHIMI INATOMI	JPN	1:54.14 ROLF STELLRECHT	GER	3:45.46 ROBERT MACDONALD	USA	36:15.72 KEVIN VICKERY	AUS		
37.38 SEIICHIRO OTSUKA	JPN	1:55.09 MIKIO FUJIWARA	JPN	3:50.08 FRANK PIEMME	USA	37:52.03 TOSHIKAZU NAKA	JPN		
37.63 RICHARD HARTLEY	AUS	1:55.21 JACK MITCHELL	USA	3:57.64 THOMAS MAINE	USA	39:43.30 RICHARD SMITH	USA		
100 M. FREE		200 M. BACK		4:42.15 TOM LOGAN	NZL	50:08.99 JOSEPH MALLON	USA		
1:18.85 ROD BAKER	AUS	3:44.69 JAN ZIEGLER	CZE	4:50.16 LEE ARTH	USA	50 M. BACK			
1:20.59 FRANK PIEMME	USA	3:49.19 SHOICHI NAKAGAWA	JPN	4:55.48 ISAAC SISKIND	USA	39.89 KEIJIRO NAKAMURA	JPN		
1:21.01 JOHN MILLS	AUS	3:49.85 G.SHIMOMOTO	JPN	4:56.74 DON LEADER	GBR	49.80 KAIZO WATANABE	JPN		
1:23.70 DALE WEBSTER	USA	3:50.01 ROD BAKER	AUS	4:58.18 DONALD HUBBARD	USA	50.68 ROGER HALIMI	USA		
1:24.55 HIROSHI YOSHIMURA	JPN	3:51.89 DALE WEBSTER	USA	5:01.84 JACK MITCHELL	USA	51.26 WILLARD LAMB	USA		
1:27.06 TOSHIMI INATOMI	JPN	4:04.73 THOMAS MAINE	USA	400 M. I.M.		53.62 KANAME TANAKA	JPN		
1:27.88 TOSHIO SHIMIZU	JPN	4:06.93 ROGER FRANKS	USA	8:20.44 THOMAS MAINE	USA	55.68 H.MIYAZAKI	JPN		
1:27.94 RICHARD HARTLEY	AUS	4:14.06 F.YANAGISAWA	JPN	10:08.55 TOM LOGAN	NZL	57.05 JOHN DE JONG	AUS		
1:30.41 HIROSHI IMAIZUMI	JPN	4:15.13 GERHARD GROSSER	GER	11:44.18 LOU SILVERSTEIN	USA	59.41 OTELO CORONICA	ITA		
1:30.92 MINORU NAGASHIMA	JPN	4:15.95 Y.KAWAMOTO	JPN	19:32.29 GEORGE STEWART	AUS	1:00.93 MINORU FUKUI	JPN		
200 M. FREE		50 M. BRST		19:32.53 DOUGLAS STRONG	USA	1:01.64 MARTIN FUHRMANN	GER		
2:59.28 HIROSHI YOSHIMURA	JPN	43.62 TOSHIO TAJIMA	JPN	*****		100 M. BACK			
3:04.08 ROD BAKER	AUS	44.72 GERHARD GIERA	GER	M E N 85-89		1:31.65 KEIJIRO NAKAMURA	JPN		
3:11.94 FRANK PIEMME	USA	45.92 CHARLES URSTADT	USA	*****		1:49.24 WILLARD LAMB	USA		
3:12.56 JOHN MILLS	AUS	47.28 ROBERT MACDONALD	USA	50 M. FREE		1:53.98 KAIZO WATANABE	JPN		
3:13.48 KARL HAUTER	GER	47.53 RYUJI HASHIMOTO	JPN	33.94 KEIJIRO NAKAMURA	JPN	2:05.56 H.MIYAZAKI	JPN		
3:15.65 D.CASOLINO	ITA	48.95 FRANK PIEMME	USA	37.33 WILLARD LAMB	USA	2:09.23 JURGEN SCHMIDT	USA		
3:17.68 TOSHIO SHIMIZU	JPN	49.61 KARL HAUTER	GER	38.97 ROGER HALIMI	FRA	2:14.38 OTELO CORONICA	ITA		
3:19.36 RICHARD HARTLEY	AUS	49.67 BARTON GREENBERG	USA	41.72 JURGEN SCHMIDT	USA	2:14.97 KEVIN VICKERY	AUS		
3:19.54 JAN ZIEGLER	CZE	50.05 M.LEIPZIGER	BRA	42.52 RENATO SALATI	RSA	2:17.68 MINORU FUKUI	JPN		
3:21.03 MINORU NAGASHIMA	JPN	50.21 RON ELGAR	AUS	42.93 YOSHIO HAYASHI	JPN	2:17.95 KARL BAYERLEIN	GER		
400 M. FREE		100 M. BRST		43.15 YOSHIRO OBATA	JPN	2:19.17 JOHN DE JONG	AUS		
6:32.53 HIROSHI YOSHIMURA	JPN	1:43.21 ROBERT MACDONALD	USA	43.89 KAIZO WATANABE	JPN	200 M. BACK			
6:33.71 ROD BAKER	AUS	1:43.85 GERHARD GIERA	GER	44.25 KEVIN VICKERY	AUS	3:28.59 KEIJIRO NAKAMURA	JPN		
6:53.84 JAN ZIEGLER	CZE	1:45.58 KARL HAUTER	GER	44.26 ISAMU TAMURA	JPN	4:04.33 WILLARD LAMB	USA		
6:58.89 JOHN MILLS	AUS	1:50.37 FRANK PIEMME	USA	100 M. FREE		4:08.82 KAIZO WATANABE	JPN		
7:02.91 FRANK PIEMME	USA	1:51.69 CHARLES URSTADT	USA	1:23.52 KEIJIRO NAKAMURA	JPN	4:30.66 H.MIYAZAKI	JPN		
7:06.26 RICHARD HARTLEY	AUS	1:52.46 RYUJI HASHIMOTO	JPN	1:27.02 WILLARD LAMB	USA	4:39.44 KARL BAYERLEIN	GER		
7:09.86 KARL HAUTER	GER	1:52.95 F TED HAARTZ	USA	1:35.78 KEVIN VICKERY	AUS	4:55.08 RON COOPER	AUS		
7:19.86 HIROSHI IMAIZUMI	JPN	1:57.77 SHIZUO KONISHI	JPN	1:43.64 SHIGEMASA OKAJIMA	JPN	5:04.74 MINORU FUKUI	JPN		
7:29.39 THOMAS CURRIE	AUS	1:58.35 BARTON GREENBERG	USA	1:46.02 KAIZO WATANABE	JPN	5:14.90 ANTONIO FIGUEROA	ESP		
7:30.01 TOSHIMI INATOMI	JPN	2:00.47 MANOEL COSTA	BRA	1:48.41 MINORU FUKUI	JPN	5:31.26 HUGH MCGREGOR	CAN		
800 M. FREE		200 M. BRST		1:49.97 RENATO SALATI	RSA	6:27.70 JOHN SCARR	AUS		
13:39.76 ROD BAKER	AUS	3:48.49 ROBERT MACDONALD	USA	1:50.37 SEITA INAYOSHI	JPN	50 M. BRST			
14:36.89 KARL HAUTER	GER	3:50.94 KARL HAUTER	GER	1:51.06 ALFREDO UTRILLA	USA	53.03 TAKESHI YASUKAWA	JPN		
14:40.81 FRANK PIEMME	USA	4:14.01 F TED HAARTZ	USA	1:54.95 JULIUS FEICHT	GER	54.89 G EDWARD RUDLOFF	USA		
15:20.49 THOMAS CURRIE	AUS	4:17.99 CHARLES URSTADT	USA	200 M. FREE		57.30 ISAO FUNAMOTO	JPN		
16:15.65 THOMAS MAINE	USA	4:22.18 THOMAS MAINE	USA	3:16.95 WILLARD LAMB	USA	57.65 KATSUZO SHIRAYAMA	JPN		
16:22.35 DONALD HUBBARD	USA	4:23.96 WATARU ASAOKA	JPN			58.94 LUDWIG GEBURZI	GER		



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59.67 KOSAKU ASADA	JPN	2:20.48 TOM HAVER	USA	400 M. FREE	JEREZ	ESP	2:06.35
59.82 YOSHIO HAYASHI	JPN	2:32.16 JOHN MERRILL	USA	13:43.10 GARY WEISENTHAL	USA	MAISABEL SANCHEZ	
1:01.07 SEITA INAYOSHI	JPN	2:33.40 AKIRA MATSUNO	JPN	800 M. FREE		MIRIAM GOMEZ	
1:01.85 JOHN DE JONG	AUS	2:45.59 F.GIANNETTA	ITA	28:18.13 GARY WEISENTHAL	USA	FATIMA MORIANA	
1:06.79 J. STEEN	AUS	2:47.01 WALTER KELLER	USA	50 M. BACK		LAURA BEAS	
100 M. BRST		3:36.71 JACK MATHIESON	AUS	1:06.62 KAZUNAGA AKUTSU	JPN	JOY-X	JPN 2:07.26
2:06.54 TAKESHI YASUKAWA	JPN	200 M. FREE		1:28.47 GARY WEISENTHAL	USA	MAI SATO	
2:14.29 KOSAKU ASADA	JPN	4:28.88 NILS FERM	SWE	2:04.37 EUGENE LEHMAN	CAN	AYAKO INOUE	
2:14.43 G EDWARD RUDLOFF	USA	5:09.26 JOHN MERRILL	USA	100 M. BACK		YUMI ITO	
2:15.52 ISAO FUNAMOTO	JPN	5:17.87 TOM HAVER	USA	3:04.37 GARY WEISENTHAL	USA	EMI WATANABE	
2:16.13 LUDWIG GEBURZI	GER	6:44.30 F.GIANNETTA	ITA	200 M. BACK		JEXER YOTSUYA	JPN 2:07.48
2:17.47 KATSUZO SHIRAYAMA	JPN	7:22.23 JACK MATHIESON	AUS	6:38.69 GARY WEISENTHAL	USA	AYA GENDA	
2:17.56 SEITA INAYOSHI	JPN	400 M. FREE		50 M. BRST		SATOMI MORIYA	
2:21.02 H.REITEMEYER	GER	10:08.04 NILS FERM	SWE	1:38.26 KAZUNAGA AKUTSU	JPN	AKIKO SHIMADA	
2:30.83 JOHN DE JONG	AUS	10:25.57 JOHN MERRILL	USA	3:03.46 EUGENE LEHMAN	CAN	MEGUMI SAWADA	
2:35.87 GIANMARIA BERRINI	ITA	21:23.31 JACK MATHIESON	AUS	50 M. FLY			
200 M. BRST		800 M. FREE		2:01.41 WALTER PFEIFFER	USA	AGE 120-159	
4:47.43 H.REITEMEYER	GER	20:17.47 NILS FERM	SWE	2:40.49 EUGENE LEHMAN	CAN	GOLD RUSH	JPN 1:53.02
4:52.27 ISAO FUNAMOTO	JPN	20:50.22 JOHN MERRILL	USA	100 M. FLY		MIHO OKUHARA	
4:57.32 G EDWARD RUDLOFF	USA	43:32.24 JACK MATHIESON	AUS	4:09.52 WALTER PFEIFFER	USA	CHIHRO SAITO	
5:18.63 KATSUZO SHIRAYAMA	JPN	1500 M. FREE		200 M. FLY		ARISA NAKAMURA	
6:02.99 ABRASHA BRAININ	USA	83:33.44 JACK MATHIESON	AUS	14:05.25 WALTER PFEIFFER	USA	NAHOMI SHIRATA	
6:22.67 ANTONIO FIGUEROA	ESP	50 M. BACK		200 M. I.M.		CAPE TOWN	RSA 1:53.66
6:39.21 FRANCK OZBOLT	FRA	50.97 GORO KOBAYASHI	JPN	8:55.97 WALTER PFEIFFER	USA	PERRY-ANN CADIZ	
7:06.49 BUD JACKSON	USA	55.45 JOHN MERRILL	USA	400 M. I.M.		MARCELLE STRAUSS	
8:48.22 JACK BRINK	RSA	56.69 NILS FERM	SWE	17:29.20 WALTER PFEIFFER	USA	RACHELLE ISAKOV	
50 M. FLY		59.21 TOM HAVER	USA			EDITH OTTERMANN	
1:02.38 G EDWARD RUDLOFF	USA	1:05.48 BJORN WENNEBERG	SWE	*****		OTTER	GBR 1:54.30
1:05.22 ANDREW HOLDEN	USA	1:08.75 SHOJI MIZUTA	JPN	M E N 100-104			
1:06.03 LUDWIG GEBURZI	GER	1:14.00 GEORGE CORONES	AUS	*****		ILE DE FRANCE	FRA 1:54.64
1:08.17 MINORU FUKUI	JPN	1:16.31 JEAN LEEMPUT	FRA	50 M. FREE		K.PIPES-NEILSEN	
1:16.69 BOB DOUD	USA	1:31.14 FUKIO KAMIYAMA	JPN	2:15.51 HANS HAHN	GER	SANDRA BOUCHIER	
1:20.56 HIRONARI UEDA	JPN	1:32.43 JACK MATHIESON	AUS	50 M. BACK		KARINE JANNOT	
1:36.33 VLADIMIR OUCHAKOF	USA	100 M. BACK		2:25.23 HANS HAHN	GER	SOPHIE MORDANT	
1:38.75 JAY CHARLES	USA	1:54.23 GORO KOBAYASHI	JPN	100 M. BACK		NORTH SYDNEY	AUS 1:55.15
1:51.71 WALLY MARTIN	NZL	2:07.37 NILS FERM	SWE	6:01.50 HANS HAHN	GER	ISLA HALE	
1:52.35 JOHN BRICE	AUS	2:13.03 JOHN MERRILL	USA			CHRISTINA ECHOLS	
100 M. FLY		2:21.25 TOM HAVER	USA			ANNA HOY	
2:59.28 BOB DOUD	USA	2:22.61 JEAN LEEMPUT	FRA	*****		GILLIAN O'MARA	
3:16.64 ANDREW HOLDEN	USA	3:26.07 ARTHUR EVANS	AUS	RELAYS: WOMEN 200 M. FREE		USG DAMER	DEN 1:57.73
3:38.30 JAY CHARLES	USA	3:42.84 JACK MATHIESON	AUS	*****			
4:19.67 VLADIMIR OUCHAKOF	USA	200 M. BACK		AGE 100-119		TOC	USA 1:59.10
200 M. FLY		4:33.78 NILS FERM	SWE	OTTER	GBR	KRIS WILLEY	
6:47.13 BOB DOUD	USA	4:46.15 JOHN MERRILL	USA	GINA HOBSON		MARGUERITE MEYER	
8:31.34 JAY CHARLES	USA	5:16.75 TOM HAVER	USA	MICHELLE SENEAL		SHANNA GUZMAN	
200 M. I.M.		7:31.23 ARTHUR EVANS	AUS	RUTH MORRISON		LAUREEN WELTING	
4:38.91 JURGEN SCHMIDT	USA	7:54.13 JACK MATHIESON	AUS	LISA WUJEC		FRANCE R A	FRA 1:59.55
4:46.20 G EDWARD RUDLOFF	USA	50 M. BRST		TEAM DASH	JPN	STEPHANIE KATLAMA	
5:38.26 MINORU FUKUI	JPN	1:05.40 GEORGE CORONES	AUS	MABI TSUKIOKA		CATHERINE RIEMANN	
5:58.83 HIRONARI UEDA	JPN	1:19.89 SHOJI MIZUTA	JPN	NAHOKO TAGAWA		NADIA JOURAVLEFF	
6:56.19 VLADIMIR OUCHAKOF	USA	1:31.96 JACK MATHIESON	AUS	MIHO FURUYA		VANESSA STOSSEL	
7:19.38 WALLY MARTIN	NZL	1:32.26 PAT KELLER	USA	YAYOI SAKAMOTO		BRISBANE NORTH.	AUS 1:59.62
7:20.88 JAY CHARLES	USA	1:43.46 RYUZO KADONO	JPN	FLAQ	USA	BROOKE MEDHURST	
9:21.81 JACK BRINK	RSA	1:52.18 JOAN MARTINEZ	ESP	JENNIFER MARTIN		ROBYN SAULTRY	
400 M. I.M.		1:56.08 F.GIANNETTA	ITA	HEIDI HESTER		MELINDA COOK	
11:16.42 HIRONARI UEDA	JPN	100 M. BRST		VANESSA ARON		ALEXA BROWN	
16:03.39 JAY CHARLES	USA	2:30.49 GEORGE CORONES	AUS	LISA MCLUCKIE		EMSC	CAN 2:00.42
		3:15.78 JACK MATHIESON	AUS	VENEZUELA	VEN	SIUBHAN DRINNAN	
*****		3:26.21 WALTER KELLER	USA	G.G		CHRISTINE HANSLER	
M E N 90-94		3:30.77 SHOJI MIZUTA	JPN	R.BETANCOURT		GAIL MCGINNIS	
*****		4:05.76 JOAN MARTINEZ	ESP	R.BETANCOURT		DEBBIE YOUNGER	
50 M. FREE		4:28.55 F.GIANNETTA	ITA	DANIELA APONTE			
41.93 GEORGE CORONES	AUS	200 M. BRST		OREG	USA	AGE 160-199	
50.29 HIDEYA FUJII	JPN	5:29.96 GEORGE CORONES	AUS	AUBREE GUSTAFSON		POWERPOINTS	AUS 1:54.94
54.36 BJORN WENNEBERG	SWE	7:27.87 PAT KELLER	USA	JENNIFER ALDEN		JENNIE BUCKNELL	
58.78 TOM HAVER	USA	7:36.88 JACK MATHIESON	AUS	GINA DHOM		NADINE ROYLE	
59.85 NILS FERM	SWE			BRIANNA SHOWELL		AIDA TUCIUTE	
1:02.70 JEAN LEEMPUT	FRA	*****		LLOU	CAN	HELEN WHITFORD	
1:05.70 AKIRA MATSUNO	JPN	M E N 95-99		GABRIELLE BRUNEAU		UJBUDA	HUN 1:57.20
1:07.09 ARMANDO FERNANDEZ	ESP	*****		MELISSA NEPTON		MELINDA MAROSI	
1:07.28 F.GIANNETTA	ITA	50 M. FREE		NATASHA NEPTON		MAGDOLNA PATOH	
1:12.95 WALTER KELLER	USA	1:01.06 KAZUNAGA AKUTSU	JPN	KRISTINA MCILWAIN		CSILLA CSIKANY	
100 M. FREE		1:47.07 EUGENE LEHMAN	CAN	ROYAL NAVY	GBR	ZSUZSA CSOBANKI	
1:45.89 GEORGE CORONES	AUS	100 M. FREE		VICKI WROOT		AZ&PC	NED 1:59.01
1:49.54 GORO KOBAYASHI	JPN	2:31.19 KAZUNAGA AKUTSU	JPN	AILEEN SNELL		PETRA FROWIJN	
2:12.41 NILS FERM	SWE	200 M. FREE		DEE OLIVER		TINA RENKEN	
2:13.19 BJORN WENNEBERG	SWE	6:30.80 GARY WEISENTHAL	USA	GAIL HENRY		ATIE PIJTAK	



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

LIDIA VAN BON OREG USA 1:59.40	MASAKO ENZAN KEIKO NAGANO	REIKO ISHIZAKI ATSUKO TAKEUCHI MISAO MATSUMOTO AKIKO NINOMIYA	SANDRINE PACAUD MAGGY BAUDIN
ARLENE DELMAGE MARY CASWELL DIANNE VIALES VALERIE JENKINS	AGE 240-279 PNA USA 2:13.33	MVN USA 2:54.18	ROYAL NAVY GBR 2:23.62
WCM USA 2:00.03	SALLY DILLON SARAH WELCH SUZANNE DILLS DEBBIE GLASSMAN	BEVERLY MONTRELLA MINDY DOUGHERTY MARGRIT GRAEF MAURINE KORNFELD	GAIL HENRY ALLEEN SNELL VICKI WROOT DEE OLIVER
LISA WARD SANDIE EASTON HEIDI WATANABE LAURA SANTOMAURO	SPENCER GBR 2:19.43	MAINICHI MSC JPN 2:55.40	RN WASEDA JPN 2:24.26
MIZUSHIBUKI JPN 2:00.54	CAROL FELLOWS JEAN HOWARD-JONES DIANE FORD AMANDA HEATH	HARUMI SUGIMOTO TOSHIKO SHIMIZU NORIKO YATSUNAMI HIROKO OTSUBO	AKIKO YAZAWA CHIE WATANABE YUKO TAKAYAMA KANAME YAMADA
JUNKO NABARA TAKEMI FUJIEDA TSUKASA SAKO NOZOMI MATSUTANI	SEASIDE P AUS 2:20.09	YOUTH MACHIDA JPN 2:55.70	JEREZ ESP 2:24.69
NOVA USA 2:02.96	PAMELA HUTCHINGS KAREN MARCH KAYE BEER R.MILLER-WALTON	HIROKO SASAKI YOSHIKO KINOSHITA NOBUE YONEYA KATSUE NOMURA	ALMUDEAN BORREGO ISABLE SANCHEZ ANA SANCHEZ LAURA BEAS
AHELEE SUE OSBORN SUSANNE SIMPSON KAREN SING JENNY COOK	VMST USA 2:23.36	MOST USA 2:58.12	ROOT64 JPN 2:25.19
ARIZ USA 2:02.98	BARBARA ZAREMSKI BETH SCHREINER KITTEN BRAATEN MARCIA BARRY	DIANE WHEATLEY GEORGIA GOGGIN BETTY KIGHT JANE BIRKHEAD	RINKO YOSHIDA YUKO SHIGETA HARUKO YAMASHITA MITSUKO MURATA
BRIGID BUNCH MIKEY GIRARD WHITNEY WARMAN ANNA DELOZIER	POWERPOINTS AUS 2:24.74	SOUTH TEXAS USA 2:58.12	JEXER YOTSUYA JPN 2:25.47
NASTVED MASTERS DEN 2:03.09	JENNIFER ROBERTS LYNETTE EDGAR IRENE BROWN SHELLEY MCCREADY	DIANE WHEATLEY GEORGIA GOGGIN BETTY KIGHT JANE BIRKHEAD	AKIKO SHIMADA AYA GENDA SATOMI MORIYA MEGUMI SAWADA
FORRES BLUE FIN GBR 2:03.29	ISLAND TAKATSUK JPN 2:24.97		AGE 120-159
	MIKIKO YONEZAWA NOBUKO NITTA KIYOKO IKEUCHI MICHIKO OTO	AGE 320-359	GOLD RUSH JPN 2:06.70
AGE 200-239	HIMA USA 2:25.62	SUIEKAI JPN 3:55.43	NAHOMI SHIRATA TOMOMI MIYAZONO CHIROHI SAITO MIHO OKUHARA
OREG USA 2:00.69	BETTYANN BARNETT DIANE STOWELL MIKI MCFADDEN PEGGY LUKENS	MASAKO OTSUKA TOSHIKO AMANO CHIYOKO TAKIZAWA HARUMI TAKAHASHI	OTTER GBR 2:08.90
K.ANDRUS-HUGHES DONNA BUCK LAURA HARSEY ROBIN PARISI	OREG USA 2:25.82	MANLY MASTERS AUS 3:58.33	GINA HOBSON RUTH MORRISON E.BELLINGER MICHELLE SENEAL
VIC CAN 2:03.16	JANET GETTLING JOY WARD SANDI ROUSSEAU BARBARA FRID	MARGARET HOUSTON JANET ALLPORT BARBARA VICKERS ELIZABETH WALLIS	ILE DE FRANCE FRA 2:08.94
DANIELLE BRAULT AVILA RHODES SARAH MACDONALD	WMST USA 2:25.82	AQLUB CHOFU JPN 4:49.37	K.PIPES-NEILSEN SANDRA BOUCHIER KARINE JANNOY SOPHIE MORDANT
PNA USA 2:06.54	C.MITSUDA-BAGNALL JOANN LEILICH CAROLYN BOAK STACY BURGESS	YOSHIKO SUZUKI YONEKO YOSHIDA SONOE ITO SACHIKO MISAWA	CAPE TOWN RSA 2:10.32
LISA DAHL CAROLINE BROWN ZENA COURTNEY JO MOORE	KSG HOFU JPN 2:26.68	TWIN TOWNS AUS 4:51.94	PERRY-ANN CADIZ MARCELLE STRAUSS RACHELLE ISAKOV EDITH OTTERMANN
PERU MASTERS PER 2:07.37	SADAKO KUBO KUMIE TOKUDA YOSHIKA HOSHIO CHISATO ADACHI	JO HEATH VAL SMITH P. SCOTT-GLASSOCK ALISON WORRAL	NORTH SYDNEY AUS 2:10.39
ROSARIO VIVANCO CAROLL CAILLAUX AIDA DAVIS C.CHANGANAQUI	AGE 280-319	C.R ICARAI BRA 4:57.84	CHRISTINA ECHOLS ISLA HALE GILLIAN O'MARA ANNA HOY
SPENCER GBR 2:07.50	HAKUYO S JPN 2:42.33	MARIA AMORIM MARY SMITH NORA RONAI MARIA BARROS	TEAM DASH JPN 2:10.54
K CORMORANTS GBR 2:10.03	KIMIKO YOSHINAGA KAYOKO YAMAGUCHI FUMI SATO FUMIKO NAKAMURA	***** RELAYS: WOMEN 200 M. MEDLEY *****	MABI TSUKIOKA MIYUKI SHIMAZAKI YOKO YAMAGUCHI YAYOI SAKAMOTO
EMMA KELLY FRANCES PENWARDEN CHRISTINE GOODAIR SUSAN SKIFF	BIG S SUNWAY JPN 2:49.64	AGE 100-119	ARIZ USA 2:10.62
CLAREMONT AUS 2:10.20	SHOKO YONEZAWA MASAE KURATA SACHIE MORI SONOE WATANABE	OTTER GBR 2:05.13	NORIKO INADA WHITNEY WARMAN MAUREEN RANKIN LAURA SMITH
SALLY BELL LESLEY MEANEY NICOLA CORSBIE SALLY STANFORD	WIN FUKUSHIMA JPN 2:50.33	TEAM DASH JPN 2:10.33	USG DAMER DEN 2:11.45
ARIZ USA 2:11.14	EMIKO AKIYAMA AIKO GOTO TAKAKO SATO YOSHIKO SATO	MIHO FURUYA NAHOKO TAGAWA MABI TSUKIOKA YAYOI SAKAMOTO	WCM USA 2:13.41
EVIE LYNCH KATRYN JAMES AMY MULLANEY CHRISTIE ALTMAN	VMST USA 2:50.59	GB POLICE GBR 2:11.12	SARAH MARSHALL LISA WARD LAURA SANTOMAURO KAREN MORRISON
RYOGOKU KINGYO JPN 2:11.63	BETSY DURRANT JOHNNIE DETRICK LUCILLE GRIFFIN BARBARA ZAREMSKI	VENEZUELA VEN 2:21.64	OCEANUS NED 2:15.68
SHIZUKO HIRAISHI MIYOKO OKAYASU JUNKO SATO HITOMI MATSUDA	KYOEI SC JPN 2:52.01	R.BETANCOURT NILKA ROJAS DANIELA APONTE R.BETANCOURT	LAURA STAAL LAURA BADOUX A.BERENDRECHT ANNETTE DE VISSER
EASY-PAL JPN 2:11.64		SENS NATATION FRA 2:22.65	
MADOKA YAMASHITA MASAYO NOJIMA		CELINE GAUTHE SOLENE PUTUOD	



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

AGE 160-199			MIYOKO OKAYASU			MIZUE SHIGEKAWA			ROOT64	JPN	1:42.63
OREG	USA	2:07.91	K CORMORANTS	GBR	2:25.14	MASAE KURATA			TETSUJI ENYA		
VALERIE JENKINS			EMMA KELLY			MVN	USA	3:10.84	DAISUKE URAKAMI		
JAYNA TOMAC			FRANCES PENWARDEN			MINDY DOUGHERTY			KOJI YAMAMOTO		
STUNTZNER-GIBSON			SUSAN SKIFF			MARGRIT GRAEF			YOHEI MATSUMOTO		
ELLEN FERGUSON			CHRISTINE GOODAIR			BEVERLY MONTRELLA			ES NAT GOLFINHO BRA	1:43.06	
POWERPOINTS	AUS	2:08.19	CLAREMONT	AUS	2:25.16	MAURINE KORNFELD			THIAGO BORDEZAN		
HELEN WHITFORD			SALLY BELL			HAKUYO S	JPN	3:11.96	LEANDRO ARRUDA		
AIDA TUCIUTE			NICOLA CORSBIE			MITSUKO HAYASHI			CARLOS ALENCAR		
NADINE ROYLE			SALLY STANFORD			SUMIYO YASUMOTO			FABIO DUAILIBE		
JENNIE BUCKNELL			LESLEY MEANEY			FUMIKO NAKAMURA			JEREZ	ESP	1:44.10
RYOGOKU KINGYO	JPN	2:09.73	SUSSEX	GBR	2:29.00	KIMIKO YOSHINAGA			FUENTES GUTIERREZ		
SHIZUKO HIRAISHI			SPENCER	GBR	2:29.66	C R ICARAI	BRA	3:14.72	DAVID SANCHEZ		
HITOMI MATSUDA			TRITON	AUS	2:31.70	MARLENE MENDES			ALVARO BERNAL		
KAORI MASUGUCHI			BETTY ANDERSON			ERIKA LOPES			ADRIAN BEAS		
JUNKO SATO			C.UNDERWOOD			ENEDINA PEREIRA			ALCALAH	ESP	1:44.43
RYDE AUSSI	AUS	2:14.37	SHEIDA BAIRSTOW			ISSA COIROLO			MANUEL MUNOZ		
JENNY WHITELEY			RAE BURROWS			MAINICHI MSC	JPN	3:21.16	MANUEL MORENO		
NATALIE CLARENCE						TOSHIKO SHIMIZU			MIGUEL FRANCOS		
VICKY WATSON						HIROKO OTSUBO			PEDRO MARTIN		
JULIE MATTHEWS						HARUMI SUGIMOTO			EIGHT BEAT	JPN	1:45.00
UJBUDA	HUN	2:14.74	AGE 240-279			NORIKO YATSUNAMI			YUICHI ABE		
CSILLA CSIKANY			SPENCER	GBR	2:30.69	WIN FUKUSHIMA	JPN	3:23.00	MASAKI HAYAKAWA		
ZSUZSA CSOBANKI			CAROL FELLOWS			AIKO GOTO			TAKAMASA HAYASHI		
MELINDA MAROSI			DIANE FORD			EMIKO AKIYAMA			TOMOHIRO KITAO		
MAGDOLNA PATOCH			AMANDA HEATH			YOKO SAKUMA			SURFRIDER	JPN	1:45.05
MIZUSHIBUKI	JPN	2:16.73	JEAN HOWARD-JONES			YOSHIKO ITO			KAZUSHIGE HAYATA		
NOZOMI MATSUTANI			OREG	USA	2:42.17	YOUTH MACHIDA	JPN	3:24.81	TOMONORI TSUJI		
NAOKO KANAGAWA			JOY WARD			YOKO KOBAYASHI			YUKI SHIMIZU		
KIYOMI TANAKA			GINGER PIERSON			YOKO WAKABAYASHI			KENSAKU OKAO		
JUNKO NABARA			SANDI ROUSSEAU			HIROKO SASAKI			MATSUMOTOSHOTEN	JPN	1:45.25
BOULOGNE-BILLAN	FRA	2:17.88	BARBARA FRID			KATSUE NOMURA			MASATO NISHIZAKI		
MARIE PLANCON			HAKUYO S	JPN	2:46.05	SWIM 100 KYOTO	JPN	3:27.08	S.YOSHIKURA		
CECILE ROUCHON			MIEKO MASUDA			KAZUKO TAGUCHI			NORITAKA YAMADA		
KARINE JANNOT			MASAKO NISHIDE			KAZUYO SAKURAI			TARO HIRAI		
CLAIRE LE NAIL			KAZUYO OHAMA			HIROKO IWASA			4MMOLS	JPN	1:45.91
NOVA	USA	2:19.61	KEIKO KADOKURA			YUKIKO KAWAMURA			ATSUMU HONDA		
KAREN SING			BLAU-WEISS B	GER	2:47.61	FLUMINENSE F C	BRA	3:31.10	T.HIRAYAMA		
JENNY COOK			WALTRAUD MONSTADT			HACHIOJI SC	JPN	3:32.69	SATOSHI MIYASHITA		
SUSANNE SIMPSON			I.KEUSCH-RENNER			ASAKO MIYAKE			YUTA MINEGISHI		
AHELEE SUE OSBORN			G.RENKER-EGGELER			KATSUKO SETO					
ADELAIDE	AUS	2:19.88	HELI HOUBEN			YAYOI KANAZASHI			AGE 120-159		
SHARON BEAVER			VMST	USA	2:48.35	YASUKO KOBAYASHI			TOC	USA	1:36.23
JULIE ASTLEY			MARCIA BARRY						SCOTT GREENWOOD		
S.PALMER-WHITE			BETSY DURRANT						MATTHEW HARRIGAN		
JOANNE SUTCLIFFE			KITTEN BRAATEN						TRENT HOLSMAN		
TOC	USA	2:21.98	BETH SCHREINER			AGE 320-359			M.WHORTER		
SHANNA GUZMAN			OTSU SWIM C	JPN	2:51.08	MANLY MASTERS	AUS	4:39.91	JAC TSUCHIURA	JPN	1:38.13
KRIS WILLEY			JUNKO IWAMI			MARGARET HOUSTON			TAKESHI DANNO		
LAUREEN WELTING			KEIKO TSUJI			JANET ALLPORT			MITSUHIRO HARA		
ANEZKA FELTON			MASAKO AKITA			BARBARA VICKERS			KOSEI KAJITA		
			MASUNO MASUDA			ELIZABETH WALLIS			YUZURU OKADA		
AGE 200-239			WMST	USA	2:51.24	SUIEIKAI	JPN	4:53.99	THIONVILLE	FRA	1:38.14
OREG	USA	2:10.98	CAROLYN BOAK			MIDORI NAKAJIMA			STEPHANE MEYER		
K.ANDRUS-HUGHES			JOANN LEILICH			TOSHIKO AMANO			JEROME LEPRINCE		
BECKY OBLETZ			SUE BLOOMFIELD			HARUMI TAKAHASHI			PASCAL MEYER		
ARLENE DELMAGE			C.MITSUDA-BAGNALL			CHIYOKO TAKIZAWA			ADRIAN VISINESCU		
ROBIN PARISI			ISLAND TAKATSUK	JPN	2:51.55	NORTH LODGE	AUS	5:22.22	GRASSE SANNO	JPN	1:38.65
PNA	USA	2:18.19	NOBUKO NITTA			BARBARA BROOKS			KENTA ISHII		
ZENA COURTNEY			MIKIKO YONEZAWA			TRUDY BULLIVANT			NAOKI NAGURA		
LISA DAHL			MICHIKO OTO			HAZEL GILLBEE			HIROKI SAKURAI		
JO MOORE			KIYOKO IKEUCHI			NANCY AYRES			KEN FUTAMURA		
DEBBIE GLASSMAN			KSG HOFU	JPN	2:52.38	C R ICARAI	BRA	5:55.46	SEASIDE P	AUS	1:40.47
VIC	CAN	2:22.38	CHISATO ADACHI			MARIA BARROS			JOHN BATES		
JUDY WOODWARD			KUMIE TOKUDA			MARIA AMORIM			STAFFAN WENSING		
DANIELLE BRAULT			YOSHIKA HOSHIO			NORA RONAI			MATT FRODSHAM		
SARAH MACDONALD			SADAKO KUBO			MARY SMITH			PETER KERR		
AVILA RHODES			YOUR SHIMMATSUD	JPN	2:52.97	*****			SWINDON	GBR	1:40.99
SEASIDE PIRATES	AUS	2:23.57	CHIZUKO NAKANISHI			RELAYS: M E N 200 M. FREE					
CHRISTY CLARK			HATSUE FUJIOKA			*****			FRANCE R A	FRA	1:41.37
L.STOVIN-BRADFORD			YUKO ABE			AGE 100-119			SEBASTIEN BILLON		
R.MILLER-WALTON			KYOKO KATO			VENEZUELA	VEN	1:37.89	GUILLAUME DEUTSCH		
KAYE BEER			AGE 280-319			ARBOLEDA TEYLOR			FRANCK LAVIEILLE		
RYOGOKU KINGYO	JPN	2:24.78	BIG S SUNWAY	JPN	3:07.07	ROTMAN MATA			VINCENT TURPIN		
JUNKO SATO			SHOKO YONEZAWA			FRANCISCO PAEZ			OREG	USA	1:41.43
HITOMI MATSUDA			YUKO SAKAGAMI			USG HERRER	DEN	1:40.30	W.FITZPATRICK		
SHIZUKO HIRAISHI									TROY DRAWZ		



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

JEFF RODGERS CURTIS TAYLOR CURITIBANO	BRA	1:41.63	OREG	USA	1:48.15	C R ICARAI PAULO MOTTA ANTONIO ORSELLI JOSE ORLANDO LORO L.FIGUEIREDO	BRA	1:59.82	ANTONIO POL PEDRO GALMES GONZALO TORRENS MAUUEL PINA SEASSIDE PIRATE	AUS	3:40.61
CMS SCOTT KO MARK JOHNSTON SCHUYLER SMITH THOMAS ROSINSKI	USA	1:42.14	TOC	USA	1:48.16	AGE 280-319 HELLAS MASTERS ANDERS SODERQVIST BENGT FURBERG OLOF SODERQVIST PETER BERGENGREN	SWE	2:03.16	WILLIAM ATKINSON JACK MATHIESON WILLIAM PATTON ALLAN DUFTY	USA	3:40.85
AGE 160-199 SAT FINY T MARCO COLOMBO M.CONTI SIMONE BATTISTON G.GIGLIETTI	ITA	1:38.72	MURASAKI SPORTS	JPN	1:48.17	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	USA	2:04.45	CLIFF EASTWOOD PAUL HUTINGER ROBERT WILLIAMS JAMES BROWNE	JPN	3:08.87
MALASPINA F.MARCHESI GIUSEPPE TIANO ANDREA AGOSTINONE METELLO SAVINO	ITA	1:38.80	SOSHIGAYA TOMOCHIKA SATO TAKASHI SUZUKI HIROOKI AOKI HIROYUKI AMAZAKI	JPN	1:49.30	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	BRA	2:04.56	JUEI CLUB ISAMU TAMURA HIDEYA FUJII TOKUSHI KOMEDA HIDEKAZU TAMURA	VEN	1:52.30
ILE DE FRANCE ERIC HUYNH LIONEL CHALENDAR J.MELLADO OLIVIER FAYOLLE	FRA	1:41.38	WMST ROSS DAVIS GREG THARP D SCOT MARSHALL GARY SCHATZ	USA	1:49.41	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	AUS	2:04.99	***** RELAYS: M E N 200 M. MEDLEY *****	VEN	1:52.30
TRAFFORD METRO	GBR	1:41.89	FLAQ TIM ERICKSON ALEX BLAVATNIK JOEL BURNS DUFFY DILLON	USA	1:50.51	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	USA	2:05.74	AGE 100-119 VENEZUELA	JPN	1:55.53
CWC MAEBASHI SHOTARO IMAI HIROSHI SHIBUYA MASAHIKO KUBOTA KEIICHI KANEKO	JPN	1:42.52	AGE 240-279 OREG	USA	1:45.90	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	JPN	2:11.12	ROOT64 KOJI YAMAMOTO TAKUYA OKAMOTO YOHEI MATSUMOTO DAISUKE URAKAMI	SUI	1:56.34
AC DA PRAIA	BRA	1:43.13	MIKE TENNANT TOM LANDIS ROBERT SMITH WES EDWARDS	USA	1:50.82	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	GBR	2:12.65	LIMMAT	HUN	1:56.76
POWERPOINTS PETER RAINEY SHANE GORE BRETT DAVIDSON STUART MOFFATT	AUS	1:43.54	OREGON STEVE MANN DAVID RADCLIFF BOB BRUCE MIKE TENNANT	USA	1:50.82	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	AUS	2:13.48	SPRINT FORTUNA PATRIK PALAI ALMOS SZABO GERGELY MOLNAR ANDRAS SCHONEK	JPN	1:57.10
SEIRYU TAKASHI HASEBE YUKIHIRO IWAMOTO SHINOBU HIRASHIMA HIROMASA YAMAMOTO	JPN	1:44.28	UJBUDA GABOR CSABA JOZSEF CSIKANY ATTILA BANHIDY FERENC ERDELYI	HUN	1:52.86	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	JPN	2:16.62	DOUBLE PLAY YUKI MISHIMA TAKASHI YAMAMOTO TATSUYA SHOKI TAKASHI HAMAOKA	JPN	1:57.85
UNI/MAC/TRISPOR CYRO DELGADO HUGO MORAIS RAPHAEL VIEIRA MARCUS MATTIOLI	BRA	1:44.39	OREG VERN DASCH JON STOUT DOUGLAS PRENTICE BOB BRUCE	USA	1:53.60	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	ITA	2:17.93	TEAM NISPO HIROKAZU SAKURAI MOTOI IDE SHIN HASEGAWA TETSUYA HIRAKAWA	JPN	1:57.94
DAMM DAVID GUTHRIE GREGORY SARGENT JOHN KENNY MARK GLASS	USA	1:44.82	TOMS DAVE WILKIN ERIK HAITES PETER STRAKA JIM WRIGHT	CAN	1:54.27	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	USA	2:33.66	ALCALAH MIGUEL FRANCOS MANUEL MUNOZ PEDRO MARTIN MANUEL MORENO	ESP	1:57.94
AGE 200-239 NORTH SYDNEY JOHN KAIN JOHN WYNBERG ALAN GODFREY HIROTO HOMMA	AUS	1:45.07	TATTERSALLS ALAN BROWN PETER GIBSON PETER JOSEPH GRANT PETERS	AUS	1:57.91	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	USA	2:55.34	FORBACH AGGLOME MATTHIEU LADENT BORIS BLAQUE SAMUEL BOUR C.SCHLOSSMACHER	FRA	1:58.26
NEPTUN A.BASHMAKOV DMITRY KROMSKIY EVGENY ZELENII RAVIL NOGUMANOV	RUS	1:46.25	O*H* TODD STULTZ BILL BRENNER YOSHI OYAKAWA JOHN MEDICI	USA	1:58.55	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	AUS	3:01.58	CLUB DE NAGEURS FRANCOIS WAGOWSKI SILVERE SCHUSTER JEROME CUDELOU TOM GODEFROY	FRA	1:58.78
CAPE TOWN TIMOTHY SHEAD PAUL BLACKBEARD DOUG HOWIESON GREGG PRICE	RSA	1:46.38	HAKUYO S MITSUO HIRASAWA HIROSHI NONAKA SEIKO OKAZAKI SADAO SAJIKI	JPN	1:58.64	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	USA	3:16.75	PIROMY CLUB HIROYUKI EGUCHI NARUAKI FUJITA YOSUKE KOZONO TAKASHI YOSHIDA	JPN	2:00.17
SDSM GERALD LIVINGSTON VINUS VAN BAALEN KENTON JONES MARK CROSHIER	USA	1:46.56	HELLAS MASTERS HANS LJUNGBERG OLOF BUREBO INGVAR ERIKSSON ROLF TEGBACK	SWE	1:58.88	DAVID RADCLIFF GEORGE THAYER BERT PETERSEN KARL VON TAGEN FLUMINENSE F.C	CAN	3:38.93	AGE 120-159 SPLASH INDIANS Y.NAKAHARA MITSUGU HIRANO	JPN	1:49.86



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

HIDEYUKI CHIGIRA TETSUYA NOZAKI GRASSE SANNO JPN 1:50.86 NAOKI NAGURA KEN FUTAMURA HIROKI SAKURAI KENTA ISHII THIONVILLE FRA 1:51.07 JEROME LEPRINCE F.SCHAEFFER STEPHANE MEYER ADRIAN VISINESCU SWINDON GBR 1:51.16 TXLA USA 1:51.75 JEFF THIBAUT TODD BARTEE BRADLEY BAILEY CHRIS CORNMAN IDEL RUS 1:52.23 AIRAT KARIMOV MICHAEL LOGINOV IGOR SOSNOVSKIY V.VAVILOV TEAM DASH JPN 1:52.30 HIDEAKI OGAWA TAKASHI HIRAKAWA KEIICHI KIYOTA T.WATANABE UNITED JPN 1:52.32 T.TAKEMURA RYUTARO MORITA SHUNSUKE AKATSUKA SHINGO YOSHINARI OAHU CLUB JPN 1:52.93 TOMOHIRO MUSA HIROSHI TEMMA TOMOYUKI KOJIMA SHUNSUKE ITO VAM AUS 1:53.36 TOBY HAENEN TULLY YOUNG STUART LARKE TYSON YOUNG AGE 160-199 MALASPINA ITA 1:48.48 GIUSEPPE TIANO ANDREA AGOSTINONE F.MARCHESI METELLO SAVINO ARIZ USA 1:51.22 AL JAEGER BARRY ROTH KOHEI KAWAMOTO PAUL SMITH TUATHA DE ITA 1:51.66 DARIO BERTAZZOLI ALBERTO MONTINI GABRIELE MAINI EMILIANO CAPRIOLI SAT FINY T ITA 1:52.19 MARCO COLOMBO SIMONE BATTISTON M.CONTI G.GIGLIETTI ILE DE FRANCE FRA 1:54.84 LIONEL CHALENDAR J.MELLADO OLIVIER FAYOLLE ERIC HUYNH DAMM USA 1:55.05 JAY YARID DAVID GUTHRIE ROD SIKORA MARK GLASS TRAFFORD METRO GBR 1:55.24	VMST USA 1:55.46 CHRIS STEVENSON DAVID MALSBURY DAVE HOLLAND BILL WINTERS SIBMASTERS RUS 1:56.19 SERGEY STROGIY VITALIY KRASAVIN SERGEY ZHURKOVICH PAVEL CHECHULIN CMS USA 1:56.60 SCOTT KO GREG SCOTT MARK JOHNSTON SCHUYLER SMITH AGE 200-239 CAPE TOWN RSA 1:56.13 MICHAEL RUDOLPH TIMOTHY SHEAD PAUL BLACKBEARD GREGG PRICE OREG USA 2:01.74 WES EDWARDS JIM IVELICH BRENT WASHBURNE DOUG BROCKBANK MIAMI AUS 2:02.25 DAVID MACKAY CLIVE ROBINSON MARK FITZ-WALTER NEAL MOORES NORTH SYDNEY AUS 2:02.63 ALAN GODFREY JOHN KAIN HIROTO HOMMA JOHN WYNBERG TOC USA 2:04.43 ROBERT STRAND MATTHEW HARRIGAN SCOTT WILLIAMS EDWARD RUDLOFF JR OREG USA 2:04.71 PETER METZGER PHILIPP DJANG KENT WESTPHAL GARY OLIVER T C CAMPINAS BRA 2:05.28 RICARDO SILVA CESAR VIEIRA PAULO MOTTA JOSE FERREIRA FLUMINENSE F C BRA 2:05.51 ALEXANDRE ARAUJO ALEXANDRE REIS JOAO MARTINS GYORGY PAVETITS FLAQ USA 2:05.58 MARTY HENDRICK ALEX BLAVATNIK JOEL BURNS TIM ERICKSON SEASIDE PIRATES AUS 2:05.86 JOHN MARCH STAFFAN WENSING MILTON O'DELL MARK PATTERSON AGE 240-279 TOMS CAN 2:09.24 JIM WRIGHT ERIK HAITES DAVE WILKIN PETER STRAKA ICHIKAWA AC JPN 2:09.59 TAKEO HIRAMOTO	Y.WATANABE TOMOYASU IIDA TADAO SATO HAKUYO S JPN 2:10.76 HIROSHI NONAKA SEIKO OKAZAKI SADAO SAJIKI MITSUO HIRASAWA C R ICARAI BRA 2:11.10 JOSE ORLANDO LORO ANTONIO ORSELLI PAULO MOTTA L.FIGUEIREDO OREG USA 2:11.13 BOB BRUCE STEVE MANN MIKE TENNANT DAVID RADCLIFF O*H* USA 2:11.63 YOSHI OYAKAWA BILL BRENNER JACK GROSELLE JOHN MEDICI UJBUDA HUN 2:11.67 JOZSEF CSIKANY GABOR CSABA FERENC ERDELYI ATTILA BANHIDY EUROPA ITA 2:12.50 CLAUDIO TOMASI ROBERTO MIGLIORO ANTONIO D'OPPIDO GIANNI ZAOTTINI WMST USA 2:15.98 GREG THARP DENNIS SHIPPEY BRUCE ROLLINS THOMAS BOAK P MORUMBY BRA 2:16.19 DOUGLAS ALPINO ANTONIO ORSELLI PAULO MOTTA IVAN NAZARENKO AGE 280-319 OREG USA 2:24.84 GEORGE THAYER KARL VON TAGEN BERT PETERSEN DAVID RADCLIFF FLUMINENSE F C BRA 2:28.95 JOSE FERRAZ RINALDO FERREIRA LUIS SILVA ARAM BOGHOSSIAN MIAMI AUS 2:30.29 HENRY VAGNER JOHN CRISP DAVID BOYLSO KEN WINTER SOIK HELLAS SWE 2:31.14 BENGT FURBERG OLOF SODERQVIST PETER BERGENGREN ANDERS SODERQVIST GOLD USA 2:32.13 ROGER PARSONS CAV CAVANAUGH DAVID MCINTYRE ALAN RAPPERPORT SAT FINY T ITA 2:32.19 G.CONVERSI CLAUDIO NEGRI G.BELLOFIORE ALFIO FICHERA HEART O ENGLAND GBR 2:32.80	MALVERN MARLINS AUS 2:33.02 PATRICK DEVINE PATRICK GALVIN RICHARD CAMPION THOMAS CURRIE WCM USA 2:34.86 DONALD GALINE JIM PERILMAN A EMORY HAWORTH NORMAN STUPFEL BIG TREE JPN 2:37.27 MASAYUKI YAMAMOTO YOSHIO FUKAZAWA SHOSAKU UGAJIN SHOICHI YANAI AGE 320-359 KSG YAMAGUCHI JPN 3:11.60 GORO KOBAYASHI ISAO FUNAMOTO Y.KANESHIGE SATSUO OMURA OREG USA 3:17.65 BRENT LAKE LEE MIESEN ANDREW HOLDEN WILLARD LAMB SDSM USA 3:21.49 DALE WEBSTER KEN KIMBALL DONALD HUBBARD JORDAN WOLLE SEASIDE PIRATES AUS 4:04.77 BILL ATKINSON ALLAN DUFTY BILL WALKER JACK MATHIESON ***** RELAYS: MIXED 200 M. FREE ***** AGE 100-119 SWINDON GBR 1:46.54 OTTER GBR 1:47.28 GB POLICE GBR 1:48.05 VENEZUELA VEN 1:48.22 JOSE HERNANDEZ DANIELA APONTE G.G FRANCISCO PAEZ USG DEN 1:49.41 OREG USA 1:49.73 MICHAEL BURTON JENNIFER ALDEN AUBREE GUSTAFSON KEVIN SIVERTSON CD CANAL ISABEL ESP 1:50.45 DAVID LLANOS MERCEDES VAZQUEZ BEGONA VAZQUEZ MIGUEL ALCALDE JEREZ ESP 1:50.97 ISABEL SANCHEZ DAVID SANCHEZ LAURA BEAS ADRIAN BEAS MENNECY 91 FRA 1:52.64 JULIEN LIGNAC CAROLINE DARNE CELINE DA ROCHA JULIEN DESCHAMPS SEASIDE P AUS 1:53.06 PETER KERR HELEN WALLACE
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FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

KATE PIPER				TROY DRAWZ				GOLD	USA	1:56.99	MOST	USA	2:23.83
NIELS KRISTENSEN				ARLENE DELMAGE				PAT SARGEANT			GRAHAM JOHNSTON		
AGE 120-159				VALERIE JENKINS				DEBBIE CAVANAUGH			BETTY KIGHT		
TOC	USA	1:43.44		ERIC WAN				CAV CAVANAUGH			JANE BIRKHEAD		
TRENT HOLSMAN				RYDE AUSSI	AUS	1:50.00		DAVID QUIGGIN			WILLIAM BLAKE		
SHANNA GUZMAN				TRENT DOLPHIN				TAM	USA	2:00.19	MIAMI	AUS	2:24.03
LAUREEN WELTING				JENNY WHITELEY				RICHARD BURNS			NEIL DURRANT		
SCOTT GREENWOOD				VICKY WATSON				RICK MEYERHOFF			MARGARET FITTOCK		
FRANCE R A	FRA	1:46.79		RUSSEL FERGUSON				LAURA VAL			DENISE ROBERTSON		
SEBASTIEN BILLON				PNA	USA	1:51.63		LINDA SHOENBERGER			JOHN CRISP		
STEPHANIE KATLAMA				KIRK NELSON				OREG	USA	2:05.17	KSG HOFU	JPN	2:28.70
FRANCK LAVIEILLE				JOHN WILLIAMS				ROBERT SMITH			CHISATO ADACHI		
VANESSA STOSSEL				DEBBIE GLASSMAN				JANET GETTLING			KUMIE TOKUDA		
DAMM	USA	1:47.15		LISA DAHL				SANDI ROUSSEAU			KOJI SASAHARA		
GREGORY SARGENT				NORTH SYDNEY	AUS	1:51.81		BOB BRUCE			H.YASUNARI		
JOHN KENNY				JOHN KAIN				HAKUYO S	JPN	2:06.07	SPENCER	GBR	2:30.97
LAURA GLASS				CHRISTINA ECHOLS				HIROSHI NONAKA			TONY CHERRINGTON		
KATIE MCCLELLAND				GILLIAN O'MARA				HARUMI SUGINUMA			IRVING DIXON		
OREG	USA	1:48.68		HIROTO HOMMA				KAZUYO OHAMA			GRACE ISAAC		
W.FITZPATRICK				AC DA PRAIA	BRA	1:51.83		TAKASHI TERAKOSHI			JEAN HOWARD-JONES		
JAYNA TOMAC				WCM	USA	1:52.94		TEAM FURINKAZAN	JPN	2:07.07	TEAM FURINKAZAN	JPN	2:32.70
NIKKI WEEKS				BARD WIDMER				AKIRA FUJIMAKI			HIROSHI MATSUMOTO		
CURTIS TAYLOR				LAURA SANTOMAURO				RURIKO NAMIKI			KATSUKO MATSUMOTO		
GOLD RUSH	JPN	1:48.77		LISA WARD				HIROSHI MATSUMOTO			NIREI FUKASAWA		
KENTARO NAKAMURA				JEFF JONES				KIYOMI KOBAYASHI			YOKO ARAKI		
ARISA NAKAMURA				AGE 200-239				VMST	USA	2:08.19	AGE 320-359		
NAHOMI SHIRATA				UJBUDA	HUN	1:50.85		BARBARA ZAREMSKI			JUEI CLUB	JPN	2:50.18
TATSUAKI SHIRATA				MELINDA MAROSI				BETH SCHREINER			SHOICHI SHIDA		
ILE DE FRANCE	FRA	1:48.78		ATTILA BANHIDY				JIM MILLER			HANA ENATSU		
LIONEL CHALENDAR				CSILLA CSIKANY				CHRIS STEVENSON			SETSUKO KOBAYASHI		
J.MELLADO				FERENC ERDELYI				TOC	USA	2:08.29	KEIJIRO NAKAMURA		
KARINE JANNOY				OREG	USA	1:51.33		WILLIAM VAN HORN			C.R ICARAI	BRA	3:18.96
SOPHIE MORDANT				MIKE TENNANT				ANZKA FELTON			OSBORNE PARK	AUS	3:20.46
BOULOGNE-BILLAN	FRA	1:48.87		K.ANDRUS-HUGHES				PHYLLIS QUINN			NORM CLARK		
ERIC HUYNH				ROBIN PARISI				ROBERT STRAND			NANCY COTTERELL		
SANDRA BOUCHIER				PHILIPP DJANG				MANLY MASTERS	AUS	2:09.02	GLADYS CLARK		
CAROLINE MATHIAS				CAPE TOWN	RSA	1:52.30		JOHN CAPORN			ELI KITAY		
BENOIT FERRY				TIMOTHY SHEAD				GARY STUTSEL			FLUMINENSE F.C	BRA	3:20.58
BARNET COPTHALL	GBR	1:49.23		CECILIA STANFORD				MALVERN MARLINS	AUS	2:09.60	BRISBANE SOUTH	AUS	3:37.00
MARK REYNOLDS				GAIL MCCARNEY				PATRICK DEVINE			MAX GILLESPIE		
JOE TWYMAN				PAUL BLACKBEARD				JANETTE JEFFREY			AMY MULCRONE		
SACHIKA YAMAWAKI				ARIZ	USA	1:52.82		PAM KEMPSON			IRENE NOGASKI		
EMMA HARVEY				SCOTT SHAKE				GERRY TUCKER			STAN JACOBS		
PARANA	BRA	1:49.43		EVIE LYNCH				WARRINGAH	AUS	2:10.06	WCM	USA	3:42.41
SANDRO HEREK				BRIGID BUNCH				JOHN PAGDEN			RICHARD SMITH		
CARLA HORST				PAUL SMITH				SUZANNE LEVETT			JAE HOWELL		
LARA SCARPELLI				O*H*	USA	1:53.61		MARILYN EARP			JOYCE HAWORTH		
L.DAGOSTINI				JACK GROSELLE				STUART MEARES			NORMAN STUPFEL		
NORTH SYDNEY	AUS	1:50.53		TODD STULTZ				AGE 280-319			SAPPORO MST	JPN	3:44.68
ENRICO HAHN				LAURA KESSLER				SEASIDE PIRATES	AUS	2:17.33	YOSHIRO OBATA		
ANNA HOY				ANN GUINS				PAM HUTCHINGS			NAKA FUKUOKA		
ISLA HALE				WMST	USA	1:54.10		KAYE BEER			SETSUKO NARITA		
DANIEL BELTRAMI				KEEFE LODWIG				ALLAN DUFTY			ATSUSHI OURA		
AGE 160-199				LAURA KOCH				JOHN RICHARDS			FMM	USA	3:52.19
ILE DE FRANCE	FRA	1:45.48		CAROLYN BOAK				BIG S SUNWAY	JPN	2:19.91	CLIFF EASTWOOD		
ERIC HUYNH				ROSS DAVIS				SADAO TERADA			JUNE REYNOLDS		
OLIVIER FAYOLLE				CMS	USA	1:54.94		SHOKO YONEZAWA			ROBERT WILLIAMS		
SANDRA BOUCHIER				KAREN ROSENER				TETSUO NAKAMARU			JEAN TROY		
K.PIPES-NEILSEN				ELLIE NAJJAR				MIZUE SHIGEKAWA			OJAI	USA	5:10.02
CAPE TOWN	RSA	1:46.43		MICHAEL MANN				JUEI CLUB	JPN	2:20.86	ROBERT MAY		
EDITH OTTERMANN				DAVID GRAY				TERUKO NISHISAKO			BOYD FORD		
J.MERWE				TRAFFORD METRO	GBR	1:55.58		SHOICHI SHIDA			ELEANOR BROWN		
RACHELLE ISAKOV				SDSM	USA	1:55.70		MIYOKO IMURA			JENNIE TAYLOR		
GREGG PRICE				K.PIPES-NEILSEN				IKURO SHIMONO			*****		
POWERPOINTS	AUS	1:46.65		MARK CROSHIER				OREG	USA	2:21.55	RELAYS: MIXED 200 M. MEDLEY		
JENNIE BUCKNELL				KENTON JONES				JOY WARD			*****		
AIDA TUCIUTE				JACKIE MARR				BARBARA FRID			AGE 100-119		
PETER RAINEY				ADELAIDE MASTER	AUS	1:56.94		WILLARD LAMB			GB POLICE	GBR	1:59.32
STUART MOFFATT				MARK SMEDLEY				TOM LANDIS			TOC	USA	2:01.03
TOKYO SC	JPN	1:48.44		JOANNE SUTCLIFFE				SOIK HELLAS	SWE	2:22.36	SHANNA GUZMAN		
KEIKO INOUE				S. PALMER-WHITE				BENGT FURBERG			GARY MARSHALL		
JUNKO NAKANO				GRAHAM CROFT				KERSTIN GJORES			KRIS WILLEY		
Y.MATSUMOTO				AGE 240-279				HARRIET BURE			TRENT HOLSMAN		
KEITA MATSUI								PETER BERGENGREN					
OREG	USA	1:48.64											



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

CERGY PONTOISE FRA 2:03.75	TEAM OTASSHA JPN 2:03.76	S. PALMER-WHITE	KERRI ROUSSAIN
LAURE CAUCHARD	TOKIE WATANABE	GRAHAM CROFT	KYOEI SC JPN 2:30.95
STEPHAN PERROT	HIDEAKI KURIHARA	TRAFFORD METRO GBR 2:09.48	KIYOMI KISHIDA
FRANCK BARBEAUX	TAKUMA HAMAMOTO	O*H* USA 2:10.23	KENRO ISHIDA
FLORIANE CAUCHARD	MIRIKO HAMAMOTO	ANN GUINS	MASAO KIJIMA
VENEZUELA VEN 2:03.98	BRISBANE NORTH. AUS 2:04.36	JACK GROSELLE	SATOKO ISHIGURO
NILKA ROJAS	BEN O'CONNOR	TODD STULTZ	TT OEI MASTERS JPN 2:30.98
C.HERRERA	HAYDEN FLOUCH	LAURA KESSLER	MAMPEI SEINO
ARBOLEDA TEYLOR	ALEXA BROWN	ARIZ USA 2:10.86	MASATERU ISA
DANIELA APONTE	BROOKE MEDHURST	BRIGID BUNCH	YUI OKUDA
MASTER PARANA BRA 2:04.83	BOULOGNE-BILLAN FRA 2:04.61	AL JAEGER	KEIKO OMAGARI
CARLA HORST	CLAIRE DESDOIT	EVIE LYNCH	AGE 280-319
MARCOS MAFFINI	ALEXIS TANNIOU	BARRY ROTH	OREG USA 2:34.68
MARCELO VELASQUEZ	HAMID MESROR	UJBUDA HUN 2:12.14	JOY WARD
REGINA THON	SANDRA BOUCHIER	JOZSEF CSIKANY	GINGER PIERSON
JEREZ ESP 2:05.40	AGE 160-199	GABOR CSABA	TOM LANDIS
ABEL GIL	POWERPOINTS AUS 1:57.89	CSILLA CSIKANY	WILLARD LAMB
ISABEL SANCHEZ	HELEN WHITFORD	MELINDA MAROSI	SEASIDE PIRATES AUS 2:41.62
ADRIAN BEAS	STUART MOFFATT	ICHIKAWA AC JPN 2:12.19	PAM HUTCHINGS
LAURA BEAS	BRETT DAVIDSON	TAKEO HIRAMOTO	ALLAN DUFTY
D'ELFT NED 2:07.33	JENNIE BUCKNELL	Y.WATANABE	KAYE BEER
ANNELIES EEKELEN	ILE DE FRANCE FRA 1:58.59	YOSHIE HIRAISHI	JOHN RICHARDS
VICTOR HEIJER	K.PIPES-NEILSEN	MAYUMI HIRAMOTO	O*H* USA 2:44.97
EGBERT STOLK	J.MELLADO	SEASIDE P AUS 2:13.01	YOSHI OYAKAWA
LINDA HOOGENDAM	OLIVIER FAYOLLE	JOHN MARCH	LILLY KRON
R2 ACADEMIA BRA 2:09.04	SANDRA BOUCHIER	L.STOVIN-BRADFORD	MELINDA SMITH
JULIANA CAMPOS	CAPE TOWN RSA 1:58.66	MARK PATTERSON	SID HALL
DIOGO FELICIANO	PERRY-ANN CADIZ	R.MILLER-WALTON	BIG S SUNWAY JPN 2:45.97
BRENO LEAO	J.MERWE	PNA USA 2:13.70	SHOKO YONEZAWA
PRISCILLA ALVES	GREGG PRICE	ZENA COURTNEY	YUKO SAKAGAMI
MEGALOS CHIKUSA JPN 2:09.05	EDITH OTTERMANN	LISA DAHL	KENJI YASUDA
SHOGO UEHARA	OREG USA 2:00.86	STEPHEN FREEBORN	MINORU NAGASHIMA
YUKA KAWAI	VALERIE JENKINS	JOHN MARK NUTTMAN	SPENCER GBR 2:47.30
TSUTOMU SEKINE	TIMOTHY WAUD	OREG USA 2:13.83	GRACE ISAAC
YOKO SHIMANO	ARLENE DELMAGE	LINCOLN DJANG	DIANE FORD
ZWEMLUST/UTRECH NED 2:09.98	ERIC WAN	COLETTE CRABBE	RICHARD STEAD
GERLINE KLOOSTER	RYOGOKU KINGYO JPN 2:02.30	MARK WREN	IRVING DIXON
VINCENT VERSTEEG	SHIZUKO HIRAISHI	K.ANDRUS-HUGHES	KSC OTORI JPN 2:49.86
MARTIJN BUUREN	HITOMI MATSUDA	AGE 240-279	SACHIKO TAKEDA
INGE HORNIS	TAKESHI ARATO	TAM USA 2:13.23	TOSHIO TAJIMA
AGE 120-159	HISASHI MASUGUCHI	RICHARD BURNS	KIYOKO YONEDA
DAMM USA 1:54.81	RYDE AUSSI AUS 2:02.48	KENNETH FROST	HIROYASU HAYASHI
JAY YARID	TRENT DOLPHIN	LAURA VAL	AZSC BEL 2:50.39
KATIE MCCLELLAND	JENNY WHITELEY	NANCY RIDOUT	J.VAN ROY
GREGORY SARGENT	RUSSEL FERGUSON	HAKUYO S JPN 2:18.77	A.V OBBERGHEN
LAURA GLASS	DUCKS CREEK RUS 2:04.30	HIROSHI NONAKA	ELAINE PELLIS
TEAM DASH JPN 1:55.24	E.KAPUSTNIK	SEIKO OKAZAKI	L.MEYTEN
HIDEAKI OGAWA	V.BRAGIN	HARUMI SUGINUMA	MANLY MASTERS AUS 2:51.81
HIDEAKI TOGO	ELMIRA KUZMINA	KAZUYO OHAMA	SUZANNE JOHNS
MABI TSUKIOKA	I.MARKITANTOV	SDSM USA 2:20.96	TONY GOODWIN
YAYOI SAKAMOTO	VMST USA 2:04.66	K.PIPES-NEILSEN	GARY STUTSEL
SEASIDE PIRATES AUS 1:59.39	CHRIS STEVENSON	MIKE FRESHLEY	ELIZABETH WALLIS
NOEMI DOMONKOS	PATRICIA MILLER	VINUS VAN BAALEN	OSBORNE PARK AUS 2:54.51
PETER KERR	DAVE HOLLAND	JACKIE MARR	HELEN BIRD
JOHN BATES	PAULA JONES	SPENCER GBR 2:24.73	PENNY GREEN
KATE PIPER	NORTH SYDNEY AUS 2:05.57	CAROL FELLOWS	JOHN FUSSELL
PARANA BRA 2:00.73	CHRISTINA ECHOLS	HENRY MORRIS DICK	ELI KITAY
CARLA HORST	JOHN KAIN	AMANDA HEATH	TOMS CAN 2:54.74
N.KAMINSKI	MATTHEW BYRNE	TONY CHERRINGTON	PATRICIA ANGUS
LARA SCARPELLI	ISLA HALE	MALVERN MARLINS AUS 2:24.90	CHRISTOPHER SMITH
L.DAGOSTINI	LAGARDERE PARIS FRA 2:06.11	JANETTE JEFFREY	PETER STRAKA
FRANCE R A FRA 2:01.18	SYLVIE ALLERY	PATRICK DEVINE	PATRICIA NIBLETT
GUILLAUME DEUTSCH	STEPHANIE KATLAMA	GERRY TUCKER	AGE 320-359
STEPHANIE KATLAMA	GILLES LAFFICHE	PAM KEMPSON	JUEI CLUB JPN 3:15.80
SEBASTIEN BILLON	LUC LIEBEL	PNA USA 2:26.43	KEIJIRO NAKAMURA
VANESSA STOSSEL	AGE 200-239	SUZANNE DILLS	ISAMU TAMURA
ARIZ USA 2:01.59	CAPE TOWN RSA 2:05.76	STEVEN PETERSON	MIYOKO IMURA
NORIKO INADA	CECILIA STANFORD	SCOTT LAUTMAN	MIEKO KAMOSHITA
MAUREEN RANKIN	TIMOTHY SHEAD	SARAH WELCH	SWIM 100 KYOTO JPN 3:29.72
KOHEI KAWAMOTO	PAUL BLACKBEARD	FLUMINENSE F C BRA 2:29.37	KAZUKO TAGUCHI
PAUL SMITH	GAIL MCCARNEY	GOLD USA 2:29.91	MAKOTO NISHIURA
ATLANTIDE-ELMAS ITA 2:01.99	ADELAIDE MASTER AUS 2:08.68	BILL DYKSTRA	AKIRA ITO
C.SORRENTINO	JOANNE SUTCLIFFE	DEBBIE CAVANAUGH	CHIE TANI
CINZIA MOCCI	MARK SMEDLEY	DAVID MCINTYRE	SOIK HELLAS SWE 3:32.67
ROSSANA PINTUS			KERSTIN GJORES
WILLIAM CAREDDU			



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2008

BARBRO THORNELOF
PETER BERGENGREN
NILS FERM
FLUMINENSE F C BRA 3:57.60

SAPPORO MST JPN 4:04.19
NAKA FUKUOKA
ATSUSHI OURA
TOSHIKAZU TATEDA
SETSUKE NARITA
C R ICARAI BRA 4:26.15

C R FLAMENGO BRA 5:20.59

OREG USA 6:16.54
G.KAWABATA
RUPERT FIXOTT
ELFIE STEVENIN
BILL KING