



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

WOMEN 25-29									

31.91	JENNY EADDY	USA	1:06.64	APRIL BELTRAN	USA	2:13.36	LAURA VOLPI	ITA	
31.91	LAUREN MORELLI	USA	200 M. FLY			2:14.08	LAURA BIANZANI	ITA	

100 M. BACK			2:19.30	SANDRA TEMMERMAN	NED	2:14.15	BARBARA GRILLO	ITA	
50 M. FREE			2:22.33	ELVIRA JONKERS	NED	2:14.47	HELENE FLEURY	FRA	
26.76	HITOMI MATSUDA	JPN	2:25.97	BAUSHER-GRYBOSKY	USA	400 M. FREE			
27.05	LIESL TANER	USA	2:27.50	MERRITT ADAMS	USA	4:29.49	VALERIA VERGANI	ITA	
27.15	INEKE GOOSSENS	NED	2:28.74	APRIL BELTRAN	USA	4:30.60	KIRSTEN CAMERON	NZL	
27.21	OLESSIA BOUROVA	ITA	2:31.70	C.KLUTEMEYER	GER	4:30.98	CINDY BERTELINK	CAN	
27.25	TARA HUTT	GBR	2:31.98	JUDY KOONSTRA	CAN	4:34.48	ASA NEIJ	SWE	
27.25	SANDRA THIEME	GER	2:32.05	MAIKO SUZUKI	JPN	4:34.55	MELISSA VARLAS	USA	
27.29	JULIE TARDIF	CAN	2:32.51	DANIELA BAUMGARDT	GER	4:34.75	TAMARA VAN GORKOM	NED	
27.35	VICTORIA NAESS	CAN	2:32.76	RAQUEL SPADOTTO	BRA	4:35.63	LISELOTTE JOLING	NED	
27.38	AKIKO MIZUMOTO	JPN	100 M. I.M.			4:39.35	LAURIE DODD	USA	
27.45	LOTTA WANBERG	SWE	200 M. BACK			4:40.90	LAURA VOLPI	ITA	
100 M. FREE			2:12.84	KANA OHASHI	JPN	4:41.89	BARBARA GRILLO	ITA	
56.96	HITOMI MATSUDA	JPN	2:26.28	LISE MARTIN	FRA	800 M. FREE			
58.02	TARA HUTT	GBR	2:27.10	BIANCA COX	NED	9:14.62	KIRSTEN CAMERON	NZL	
58.35	LAUREN THIES	USA	2:29.03	ORIANA BURGIO	ITA	9:18.84	ASA NEIJ	SWE	
58.89	LOTTA WANBERG	SWE	2:30.67	JENNY EADDY	USA	9:35.22	GRITH SIGSGAARD	DEN	
59.41	VICTORIA NAESS	CAN	2:31.17	YOSHIMI HAMADA	JPN	9:37.96	LAURIE DODD	USA	
59.61	M.D'AMBROISE	CAN	2:31.21	EBONY CURRELL	AUS	9:38.44	NICOLA LATTY	GBR	
59.76	SHANDRA JOHNSON	USA	2:31.42	NADJA PFUHL	GER	9:39.25	LISELOTTE JOLING	NED	
59.94	SANDRA THIEME	GER	2:31.49	JENNIFER GOUSSARD	FRA	9:42.90	LAURA VOLPI	ITA	
59.96	ALEXA WHITE	GBR	2:32.02	OLESSIA BOUROVA	ITA	9:56.44	JANE SOLOMON	GBR	
1:00.09	KELLY BOWMAN	USA	50 M. BRST			9:58.87	E. MAWHINNEY	AUS	
200 M. FREE			33.48	HITOMI MATSUDA	JPN	9:59.12	NATHALIE BELAND	CAN	
2:04.59	HITOMI MATSUDA	JPN	34.51	NORIKO YOKOYAMA	JPN	1500 M. FREE			
2:06.28	TARA HUTT	GBR	34.89	FIONA MARSHALL	GBR	17:33.36	KIRSTEN CAMERON	NZL	
2:06.98	LAUREN THIES	USA	35.01	JULIE TARDIF	CAN	17:46.97	JACQUI ROBINSON	AUS	
2:10.55	VICTORIA NAESS	CAN	35.03	SAYURI TAKAHASHI	JPN	18:08.14	GRITH SIGSGAARD	DEN	
2:11.40	KELLY BOWMAN	USA	35.10	JANA VESELA	CZE	18:22.22	LAURIE DODD	USA	
2:11.41	E.PELAZZO	ITA	35.23	NINA TYLINSKI	GER	18:32.00	LAURA VOLPI	ITA	
2:12.20	YUKO MINAGAWA	JPN	35.30	JANA BLAHOVA	CZE	18:33.86	LISELOTTE JOLING	NED	
2:12.35	PATRIZIA BORIO	ITA	35.32	ANGELIQUE DUPONT	FRA	18:40.27	JANE SOLOMON	GBR	
2:12.72	SANDRA THIEME	GER	35.40	MARTINE VD HEIDE	NED	18:47.17	ABIGAIL WROE	GBR	
2:12.76	RACHEL JOYCE	GBR	100 M. BRST			18:59.76	REBECCA WASSNER	USA	
400 M. FREE			1:10.55	HITOMI MATSUDA	JPN	19:02.79	NATHALIE BELAND	CAN	
4:28.06	TARA HUTT	GBR	1:15.59	MARTINE VD HEIDE	NED	50 M. BACK			
4:35.39	ELVIRA JONKERS	NED	1:15.76	ANNE VELEZ	FRA	29.44	NADINE ROLLAND	CAN	
4:35.85	ASHLEY WHITNEY	USA	1:15.80	ALISON SHEA	CAN	30.36	ANDREA KUTZ	GER	
4:36.48	SHANDRA JOHNSON	USA	1:15.96	FIONA MARSHALL	GBR	30.53	R.MARACINEANU	FRA	
4:38.61	M.VAN KEULEN	NED	1:16.39	JULITA TURSKA	POL	32.09	YUKI WAKUI	JPN	
4:40.77	E.PELAZZO	ITA	1:17.51	SATSUKI HIRUKAWA	JPN	32.13	HELENA ABERG	SWE	
4:41.46	RACHEL JOYCE	GBR	1:17.73	CAROLINE MATHIAS	FRA	32.24	LIANNEKE HUTTEMAN	NED	
4:41.69	SAMANTHA HERRIDGE	GBR	1:17.82	ANGELIQUE DUPONT	FRA	32.26	KAZUYO UEMURA	JPN	
4:43.62	CARLA ARRUDA	BRA	1:17.86	SYLVIA BERENS	NED	32.34	SONIA FITTERER	FRA	
4:44.48	DANIELA BAUMGARDT	GER	200 M. BRST			32.53	JANE SOLOMON	GBR	
800 M. FREE			2:34.59	HITOMI MATSUDA	JPN	32.62	NOEMI DOMONKOS	AUS	
9:17.98	M.VAN KEULEN	NED	2:42.90	KAZUE NAKASHIMA	JPN	100 M. BACK			
9:19.73	ASHLEY WHITNEY	USA	2:43.19	ANNE VELEZ	FRA	1:08.73	SONIA FITTERER	FRA	
9:22.70	ELVIRA JONKERS	NED	2:45.62	CAROLINE MATHIAS	FRA	1:09.04	RAPHAELA RICHTER	GER	
9:31.97	KANA OHASHI	JPN	2:46.35	KANA OHASHI	JPN	1:09.11	JANE SOLOMON	GBR	
9:40.67	BIANCA COX	NED	2:46.37	EBONY CURRELL	AUS	1:09.34	KAZUYO UEMURA	JPN	
9:44.66	DANIELA BAUMGARDT	GER	2:47.15	MAUD BOS	NED	1:09.36	ALISON USHER	GBR	
9:51.72	PAM KALAS	CAN	2:47.55	ALEXANDRA EDLER	GER	1:09.37	SUSANA MENDEZ	ESP	
10:00.30	LUCIANA ABE	BRA	2:47.84	CAROLE EYLES	GBR	1:09.73	LIANNEKE HUTTEMAN	NED	
10:02.69	AMY WOODWORTH	CAN	2:49.36	CORNELIA HELLER	GER	1:09.82	SARAH LOCK	GBR	
10:02.93	TANILLE HOOGLAND	CAN	50 M. FLY			1:10.25	HELENE FLEURY	FRA	
1500 M. FREE			28.66	JENNIFER BROOKS	USA	1:10.39	SOPHIE MORDANT	FRA	
17:48.54	ASHLEY WHITNEY	USA	29.05	E.BELLINGER	GBR	200 M. BACK			
17:53.76	ELVIRA JONKERS	NED	29.08	ALEXA WHITE	GBR	2:28.63	JANE SOLOMON	GBR	
18:08.16	EBONY CURRELL	AUS	29.34	JULIA VOITOVITSCH	USA	2:29.62	MELISSA VARLAS	USA	
18:09.27	KANA OHASHI	JPN	29.53	LAUREN THIES	USA	2:29.67	ALISON USHER	GBR	
18:33.44	BIANCA COX	NED	29.69	MABI TSUKIOKA	JPN	2:31.41	RAPHAELA RICHTER	GER	
19:01.62	MIRIAM NOWAK	USA	29.80	PATRIZIA BORIO	ITA	2:31.84	LAURA BIANZANI	ITA	
19:07.65	KATIE NIMMO	GBR	29.86	SAYAKA MURANAKA	JPN	2:32.55	LISELOTTE JOLING	NED	
19:11.14	PAM KALAS	CAN	29.94	KATJA TROSIEN	GER	2:33.52	AKIKO KANNA	JPN	
19:17.98	KATHLEEN BARRIS	USA	30.09	AMY SIMPSON	USA	2:35.09	SARAH LOCK	GBR	
19:18.62	M.LALONDE	CAN	100 M. FLY			2:37.00	STEPHANIE CAZAL	FRA	
50 M. BACK			1:01.46	HITOMI MATSUDA	JPN	2:37.01	CATHERINE HANLEY	USA	
30.14	EMILIE JORON	FRA	1:04.90	HITOMI HAMANO	JPN	50 M. BRST			
30.21	KANA OHASHI	JPN	1:05.04	JULIA VOITOVITSCH	USA	34.51	A.SACCHIERO	ITA	
30.42	NAHOMI SHIRATA	JPN	1:05.12	ALEXA WHITE	GBR	34.80	KAREN JACKSON	GBR	
31.34	NAOKO KOKUBUN	JPN	1:05.34	E.BELLINGER	GBR	34.90	ANNA JENSEN	SWE	
31.43	APRIL BELTRAN	USA	1:05.68	JENNIFER BROOKS	USA	35.09	SARAH HACKETT	NZL	
31.51	INEKE GOOSSENS	NED	1:05.72	LAUREN THIES	USA	35.19	JANET MAYVILLE	CAN	
31.65	HIROMI MUKAI	JPN	1:06.12	PATRIZIA BORIO	ITA	35.20	PETRA DUFKOVA	CZE	
31.90	HIROMI KAWAHARA	JPN	1:06.18	ELVIRA JONKERS	NED	35.41	NATALIE CLARENCE	AUS	



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35.52	MARIT BREITTFELD	GER	2:35.78	LARA CLARKE	GBR	19:35.36	PATRIZIA CASARI	ITA	30.33	MARISA PASUDETTI	ITA
35.89	HELEN ROLLE	GBR	2:36.18	KARINE JANNOT	FRA	19:42.63	KATHY HEARD	CAN	30.45	LAURA VON GLUCK	USA
36.09	S.ROSS-SKINNER	CAN	400 M. I.M.			19:50.67	VICTORIA RIAN	USA	30.45	EDITH OTTERMANN	RSA
100 M. BRST			5:09.02	CINDY BERTELINK	CAN	19:57.70	ANNIE MERCURE	CAN	30.52	ASA VIKANDER	SWE
1:15.86	SARAH HACKETT	NZL	5:18.91	NICOLA LATTY	GBR	20:05.34	VLADA BOUROVA	ITA	100 M. FLY		
1:15.94	KAREN JACKSON	GBR	5:21.82	LAURA BIANZANI	ITA	50 M. BACK			1:03.07	DEBBIE YOUNGER	CAN
1:16.42	ANNA JENSEN	SWE	5:21.91	LISELOTTE JOLING	NED	31.47	MONICA SORO	ITA	1:05.49	NADINE DAY	USA
1:17.21	A.SACCHIERO	ITA	5:25.88	LARA CLARKE	GBR	31.80	SILVIA PAROCCHI	ITA	1:06.40	YOKO YAMAGUCHI	JPN
1:18.45	MARIT BREITTFELD	GER	5:31.61	KATJA ROLLBERG	GER	32.10	CHRISTINA ECHOLS	CAN	1:08.55	JENNIFER RIDGE	USA
1:18.94	HELEN ROLLE	GBR	5:31.62	Laurie DODD	USA	32.32	DEBBIE YOUNGER	CAN	1:09.18	LAURA VON GLUCK	USA
1:19.18	S.ROSS-SKINNER	CAN	5:34.19	LAURA VOLPI	ITA	32.41	KIRA LESKEW	CAN	1:09.24	MICHELLE CHOW	USA
1:19.80	SARAH JAMES	AUS	5:35.85	RAPHAELA RICHTER	GER	32.77	CSILLA CSIKANY	HUN	1:09.33	RACHELLE ISAKOV	RSA
1:20.00	IVANA MOUCHOVA	CZE	5:39.72	KRISTINA ULVELING	USA	32.83	SUSAN WILLIAMS	USA	1:10.36	PAOLA RODIGHIERO	ITA
1:20.00	AYAKA MIURA	JPN				32.84	NADINE DAY	USA	1:10.59	KATHY SINDEN	CAN
200 M. BRST			*****			33.07	IARA SCARPELLI	BRA	1:10.73	ANITA SMITS	NED
2:43.58	SARAH HACKETT	NZL				33.10	LENKA NEMECKOVA	CZE	200 M. FLY		
2:44.00	KATJA SEEGER-BOSE	GER	*****			100 M. BACK			2:21.76	DEBBIE YOUNGER	CAN
2:45.31	KAREN JACKSON	GBR	*****			1:06.02	JOANNA CORBEN	GBR	2:26.91	NADINE DAY	USA
2:49.50	MARIT BREITTFELD	GER	50 M. FREE			1:09.15	SILVIA PAROCCHI	ITA	2:29.61	MONICA OLMI	ITA
2:50.80	SARAH JAMES	AUS	27.03	MARIKA JOHANSSON	SWE	1:09.19	JENNIFER RIDGE	USA	2:31.28	RACHELLE ISAKOV	RSA
2:51.76	LISELOTTE JOLING	NED	27.47	EDITH OTTERMANN	RSA	1:09.39	CHRISTINA ECHOLS	CAN	2:32.62	YOKO YAMAGUCHI	JPN
2:52.20	A.SACCHIERO	ITA	27.49	NADINE DAY	USA	1:09.70	NADINE DAY	USA	2:35.08	MICHELLE CHOW	USA
2:53.81	HELEN SALCEDO	USA	27.53	MONICA SORO	ITA	1:09.95	KIRA LESKEW	CAN	2:36.41	KATHERINE VEALE	GBR
2:54.32	YUKA KAWAI	JPN	27.59	SILVIA PAROCCHI	ITA	1:10.21	DEBBIE YOUNGER	CAN	2:36.78	ANNA-CARIN NORDIN	SWE
2:54.40	IVANA MOUCHOVA	CZE	27.60	SANDRA ROUSSE	PER	1:10.35	IARA SCARPELLI	BRA	2:37.43	CLAIRE PALFREY	GBR
50 M. FLY			27.71	DELIA DEMATTI	ITA	1:10.52	KRISTIN GARY	USA	2:38.11	PAMELA NIX	AUS
27.98	NADINE ROLLAND	CAN	27.78	YUKIKO OZAWA	JPN	1:10.70	MIKI NAMAI	JPN	100 M. I.M.		
28.63	HELENA ABERG	SWE	27.79	DEBBIE YOUNGER	CAN	200 M. BACK			1:06.50	SILVIA PAROCCHI	ITA
29.19	YUKI WAKUI	JPN	27.98	MICHELLE CHOW	USA	2:20.67	JOANNA CORBEN	GBR	1:07.31	NADINE DAY	USA
29.45	LAURA BIANZANI	ITA	100 M. FREE			2:24.71	DEBBIE YOUNGER	CAN	1:07.51	DEBBIE YOUNGER	CAN
30.04	FLORENCE CIOTTI	ITA	59.07	MANUELA SCHUBERT	GER	2:26.96	MONICA OLMI	ITA	1:07.93	MONICA SORO	ITA
30.06	CINDY BERTELINK	CAN	59.55	NADINE DAY	USA	2:29.91	NADINE DAY	USA	1:10.54	MICHELLE CHOW	USA
30.34	LARA CLARKE	GBR	59.65	DEBBIE YOUNGER	CAN	2:30.37	MIKI TAKAYAMA	JPN	1:10.95	R.CATTANEO	ITA
30.38	HARUMI TOWATARI	JPN	1:00.14	MONICA SORO	ITA	2:30.46	K.WULFF-HOPPE	GER	1:11.13	KATHERINE VEALE	GBR
30.49	MIZUHO KAMADA	JPN	1:00.82	JENNIFER RIDGE	USA	2:31.38	KRISTIN GARY	USA	1:11.23	STEFANIA CORVO	ITA
30.53	HANNAH PAULL	GBR	1:01.43	YUKIKO OZAWA	JPN	2:31.45	CHRISTINA ECHOLS	CAN	1:11.53	NAMI OKAMOTO	JPN
100 M. FLY			1:01.55	DELIA DEMATTI	ITA	2:33.19	MIKI NAMAI	JPN	1:11.54	VICTORIA WATSON	GBR
1:02.39	NADINE ROLLAND	CAN	1:01.59	STEFANIA CORVO	ITA	2:33.38	L.FILANGIERI	ITA	200 M. I.M.		
1:03.04	ANJA BEHA	GER	1:01.62	R.CATTANEO	ITA	50 M. BRST			2:23.47	DEBBIE YOUNGER	CAN
1:03.70	LAURA BIANZANI	ITA	200 M. FREE			34.32	STEFANIA MONTI	ITA	2:24.94	NADINE DAY	USA
1:05.24	MELISSA VARLAS	USA	2:09.75	NADINE DAY	USA	34.62	P.BRULHART N'DULA	SUI	2:26.89	SILVIA PAROCCHI	ITA
1:05.73	FLORENCE CIOTTI	ITA	2:12.73	MANUELA SCHUBERT	GER	35.05	NADINE DAY	USA	2:29.17	JENNIFER RIDGE	USA
1:06.33	CINDY BERTELINK	CAN	2:13.32	MICHELA PIERANI	ITA	35.39	MARJO GOELEMA	NED	2:30.09	JOANNA CORBEN	GBR
1:06.47	LARA CLARKE	GBR	2:15.49	E.MCMENEMY	GBR	36.02	NAMI OKAMOTO	JPN	2:32.80	LINDA HAWORTH	CAN
1:06.84	KYOKO YAMADA	JPN	2:16.61	DANA WOODY	USA	36.17	HELEN MCDAID	IRL	2:33.94	R.CATTANEO	ITA
1:08.47	YURIKA HIROSE	JPN	2:17.26	DELIA DEMATTI	ITA	36.34	LOUISE KEOGH	USA	2:34.38	MICHELLE CHOW	USA
1:08.54	GEA TIMMER	NED	2:17.28	DEBBIE YOUNGER	CAN	36.50	R.CATTANEO	ITA	2:35.67	CHRISTINA ECHOLS	CAN
200 M. FLY			2:17.51	MICHELE SHINN	USA	36.56	NIKKI BURGER	AUS	2:36.84	LINDA VISSER	USA
2:20.60	LAURA BIANZANI	ITA	2:17.88	R.CATTANEO	ITA	36.63	PETRA DUDA	GER	400 M. I.M.		
2:24.52	MELISSA VARLAS	USA	2:18.29	CSILLA CSIKANY	HUN	100 M. BRST			5:10.02	NADINE DAY	USA
2:24.84	NICOLA LATTY	GBR	400 M. FREE			1:15.50	NADINE DAY	USA	5:16.07	DEBBIE YOUNGER	CAN
2:25.10	FLORENCE CIOTTI	ITA	4:39.51	MONICA OLMI	ITA	1:15.74	STEFANIA MONTI	ITA	5:17.25	MONICA OLMI	ITA
2:30.72	JACQUI ROBINSON	AUS	4:42.77	MICHELA PIERANI	ITA	1:17.52	NAMI OKAMOTO	JPN	5:21.93	LINDA HAWORTH	CAN
2:31.61	KYOKO YAMADA	JPN	4:42.84	NADINE DAY	USA	1:18.51	MARJO GOELEMA	NED	5:28.44	MIYUKI YAMAGUCHI	JPN
2:32.16	NATHALIE BELAND	CAN	4:44.72	MICHELE SHINN	USA	1:18.81	HELEN MCDAID	IRL	5:29.14	R.CATTANEO	ITA
2:32.91	LISELOTTE JOLING	NED	4:44.77	SILVIA PAROCCHI	ITA	1:18.92	JENNIFER RIDGE	USA	5:32.10	DANA WOODY	USA
2:34.43	KARINE JANNOT	FRA	4:44.83	DANA WOODY	USA	1:19.30	AMANDA GOODMAN	GBR	5:32.69	PETRA DUDA	GER
2:35.14	YURIKA HIROSE	JPN	4:45.05	DEBBIE YOUNGER	CAN	1:19.37	LOUISE KEOGH	USA	5:33.97	MICHELLE CHOW	USA
100 M. I.M.			4:48.88	KAREN WOTTON	USA	1:19.93	TOMOMI MIYAZONO	JPN	5:35.09	BEATE SCHOLTYSSER	GER
1:04.44	NADINE ROLLAND	CAN	4:49.41	LAURA VON GLUCK	USA	1:20.10	PETRA DUDA	GER	*****		
1:07.06	R.MARACINEANU	FRA	4:51.75	R.CATTANEO	ITA	200 M. BRST			*****		
1:08.94	ASA NEIJ	SWE	800 M. FREE			2:46.29	NADINE DAY	USA	*****		
1:09.15	A.SACCHIERO	ITA	9:31.79	DEBBIE YOUNGER	CAN	2:48.35	STEFANIA MONTI	ITA	*****		
1:09.45	YUKI WAKUI	JPN	9:34.59	MONICA OLMI	ITA	2:48.41	NAMI OKAMOTO	JPN	50 M. FREE		
1:09.60	PETRA DUFKOVA	CZE	9:37.02	NADINE DAY	USA	2:50.21	KEIKO OKAMOTO	JPN	27.21	K.PIPES-NEILSEN	USA
1:09.94	MIZUHO KAMADA	JPN	9:46.88	DANA WOODY	USA	2:51.78	H.MORRIS-EYTON	RSA	27.91	ANETTE PHILIPSSON	SWE
1:10.74	NICOLE HENSSEN	GER	9:46.91	MICHELE SHINN	USA	2:51.81	DEBBIE YOUNGER	CAN	27.97	LISA DAHL	USA
1:10.74	ISUZU MAEDA	JPN	10:05.36	LINDA HAWORTH	CAN	2:53.36	LOUISE KEOGH	USA	28.16	DANIELA DE PONTI	ITA
1:10.81	GEA TIMMER	NED	10:06.35	PAMELA NIX	AUS	2:53.38	AMANDA GOODMAN	GBR	28.21	MARIKA MCCUE	USA
200 M. I.M.			10:12.74	TANIA JUNCO	CAN	2:53.86	LINDA VISSER	USA	28.27	CATHY CODLING	AUS
2:23.49	CINDY BERTELINK	CAN	10:14.14	ANNA-CARIN NORDIN	SWE	2:53.95	CHERYL CONLIN	USA	28.31	SYBILLE ERMISCH	GER
2:32.59	KIMBERLEY BROCHU	CAN	10:14.90	PATRIZIA CASARI	ITA	50 M. FLY			28.49	TANYA HANSON	USA
2:32.95	MIZUHO KAMADA	JPN	1500 M. FREE			29.09	DEBBIE YOUNGER	CAN	28.55	CAROLYN VOORHEES	USA
2:33.68	SUSANA MENDEZ	ESP	18:18.50	NADINE DAY	USA	29.31	SILVIA PAROCCHI	ITA	28.62	MARIA NORBERG	SWE
2:34.02	A.SACCHIERO	ITA	18:29.50	DANA WOODY	USA	29.50	NADINE DAY	USA	100 M. FREE		
2:34.98	LAURA BIANZANI	ITA	18:45.07	DEBBIE YOUNGER	CAN	29.62	YOKO YAMAGUCHI	JPN	58.22	SUSAN VD LIPPE	USA
2:35.45	MELISSA VARLAS	USA	19:19.90	PAMELA NIX	AUS	29.77	MONICA SORO	ITA	58.36	K.PIPES-NEILSEN	USA
2:35.73	YURIKA HIROSE	JPN	19:27.56	TANIA JUNCO	CAN	29.83	MIKI TAKAYAMA	JPN	1:00.60	KARIN SEICK	GER



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1:00.86	DANIELA DE PONTI	ITA	2:34.60	BIRGIT LOHBERG	USA	1:10.40	MARIKA MCCUE	USA	10:12.00	JENNY COOK	USA
1:01.07	BIRGIT LOHBERG	USA	2:34.79	VIBEKE SWANSON	USA	1:11.10	KARIN SEICK	GER	10:12.76	MARGUERITE MEYER	USA
1:01.70	ANETTE PHILIPSSON	SWE	2:36.13	REBECCA PERROTT	NZL	1:11.11	LISA DIXON-WELLS	CAN	10:20.71	JEANNE CARLSEN	CAN
1:01.83	MARIE ROYAL	GBR	2:37.63	LINDA FINLEY	USA	1:11.23	LISA DAHL	USA	10:22.05	J.NIEVERGELT	USA
1:02.00	BARBARA GELLRRICH	GER	2:37.74	KARIN SEICK	GER	1:12.00	SHIZUKO HIRAISHI	JPN	10:23.22	ANNELIES KRAUS	GER
1:02.35	LYNN MARSHALL	CAN	2:37.83	ANN KOURI	CAN	200 M. I.M.			10:26.55	COLETTE CRABBE	USA
1:02.39	JANA MATENA	USA	50 M. BRST			2:22.67	K.PIPES-NEILSEN	USA	10:31.36	TANJA ENGELS	GER
200 M. FREE			32.99	SUSAN VD LIPPE	USA	2:30.86	CAROLINE KRATTLI	USA	10:32.95	MARY SWEAT	USA
2:07.14	K.PIPES-NEILSEN	USA	34.67	CAROLINE KRATTLI	USA	2:31.46	ANETTE PHILIPSSON	SWE	1500 M. FREE		
2:11.09	BIRGIT LOHBERG	USA	35.40	MONICA CORO	ITA	2:32.55	CYNTHIA PINCOTT	CAN	19:59.33	MARGUERITE MEYER	USA
2:11.45	NORMA CAHILL	IRL	35.41	K.PIPES-NEILSEN	USA	2:32.62	DANIELA DE PONTI	ITA	20:05.47	I.VAN DER LAAN	NED
2:13.60	MARIE ROYAL	GBR	35.59	S.SEMINATORE	ITA	2:33.72	MARIKA MCCUE	USA	20:12.79	MARGARET SMITH	GBR
2:14.00	LYNN MARSHALL	CAN	36.02	ELKE SCHMITZ	GER	2:34.25	JUDY BROWN	GBR	20:24.80	JEANNE CARLSEN	CAN
2:14.47	JANA MATENA	USA	36.12	LINE LAPIERRE	CAN	2:34.50	LISA DIXON-WELLS	CAN	20:40.99	LAURIE ALIOTO	USA
2:14.78	MARGE CURRAN	USA	36.24	MARZENA KULIS	ITA	2:34.84	ANN KOURI	CAN	20:43.10	LESLIE SAUBER	USA
2:15.41	CLAUDIA KERN	GER	36.53	DANIELA DE PONTI	ITA	2:37.49	GAIL MCGINNIS	CAN	20:49.74	DALE FREEMAN	CAN
2:16.33	BARBARA GELLRRICH	GER	36.74	ANNA-K JOSEFSSON	SWE	400 M. I.M.			21:10.39	WAKAO MATSUMURA	JPN
2:17.64	KARIN SEICK	GER	100 M. BRST			5:02.73	K.PIPES-NEILSEN	USA	21:17.88	EDIE FISHER	CAN
400 M. FREE			1:11.52	SUSAN VD LIPPE	USA	5:22.93	CYNTHIA PINCOTT	CAN	21:21.42	ERIN MINOR	CAN
4:28.03	K.PIPES-NEILSEN	USA	1:14.42	CAROLINE KRATTLI	USA	5:27.07	LYNN MARSHALL	CAN	50 M. BACK		
4:34.83	BIRGIT LOHBERG	USA	1:17.27	K.PIPES-NEILSEN	USA	5:34.07	N.MUIR-COCHRANE	GBR	32.80	K.ANDRUS-HUGHES	USA
4:38.53	CLAUDIA KERN	GER	1:18.92	MARZENA KULIS	ITA	5:35.66	MARTINA HOMEYER	GER	32.82	CATHY SHEEHAN	CAN
4:42.14	MARGE CURRAN	USA	1:19.67	MONICA CORO	ITA	5:36.75	PASCALE DURAND	FRA	32.93	SARAH MACDONALD	CAN
4:42.36	N.MUIR-COCHRANE	GBR	1:19.83	MORLACCHI GRITTI	ITA	5:37.82	DORIT GIERKE	GER	33.42	L.PELT-DILLER	USA
4:42.63	LYNN MARSHALL	CAN	1:19.92	ELKE SCHMITZ	GER	5:37.89	LISA DIXON-WELLS	CAN	33.71	SARAH BANKO	USA
4:44.33	JANA MATENA	USA	1:19.95	LINE LAPIERRE	CAN	5:38.75	REBECCA KALIBAT	USA	33.86	AROMA MARTORELL	BRA
4:48.58	CYNTHIA PINCOTT	CAN	1:20.04	M.ODILE CHARLES	FRA	5:38.82	MARJA BLOEMZAAD	NED	34.01	TERRI MAGINNIS	USA
4:48.86	ELKE HAGEDORN	GER	1:20.63	KIM CROUCH	USA	*****			34.20	MIYUKI UMEDA	JPN
4:53.49	REBECCA PERROTT	NZL	200 M. BRST			*****			34.43	JENNY WHITELEY	AUS
800 M. FREE			2:35.85	SUSAN VD LIPPE	USA	*****			34.82	S.TESTUZ ELIZE	FRA
9:31.14	N.MUIR-COCHRANE	GBR	2:42.40	CAROLINE KRATTLI	USA	*****			100 M. BACK		
9:31.31	K.PIPES-NEILSEN	USA	2:48.67	MARZENA KULIS	ITA	50 M. FREE			1:10.62	CATHY SHEEHAN	CAN
9:38.14	MARGE CURRAN	USA	2:50.76	S.SEMINATORE	ITA	27.31	SARAH MACDONALD	CAN	1:11.06	L.PELT-DILLER	USA
9:41.33	LYNN MARSHALL	CAN	2:54.89	M.ODILE CHARLES	FRA	28.81	LOLI BALBUENA	ESP	1:12.68	TERRI MAGINNIS	USA
9:41.91	ELKE HAGEDORN	GER	2:56.07	MONICA CORO	ITA	28.86	JENNY WHITELEY	AUS	1:12.82	K.ANDRUS-HUGHES	USA
9:48.74	CLAUDIA KERN	GER	2:56.57	MORLACCHI GRITTI	ITA	28.90	JUDY GARAY	CAN	1:13.82	BONNIE BILICH	USA
9:54.31	JANA MATENA	USA	2:56.71	LISA DIXON-WELLS	CAN	28.99	KATHY GARNIER	USA	1:14.42	AROMA MARTORELL	BRA
9:57.70	S. PALMER-WHITE	AUS	2:56.82	JOHANNA KARA	FIN	28.99	G.TALOCHINO	FRA	1:14.80	SARAH BANKO	USA
10:07.38	HEATHER HAGADORN	USA	2:57.73	ANETTE PHILIPSSON	SWE	29.07	JUDY HATTLE	GBR	1:14.92	NAOKO SHIDE	JPN
10:12.68	PETRA LANG	GER	50 M. FLY			29.09	TERRI MAGINNIS	USA	1:15.23	DEBBIE CAVANAUGH	USA
1500 M. FREE			28.21	SUSAN VD LIPPE	USA	29.17	MICHELLE DIGE	GBR	1:15.60	KATHY HILLAND	CAN
17:49.79	K.PIPES-NEILSEN	USA	29.72	K.PIPES-NEILSEN	USA	29.34	JANET CATHRO	CAN	200 M. BACK		
18:07.80	N.MUIR-COCHRANE	GBR	30.21	DANIELA DE PONTI	ITA	100 M. FREE			2:36.38	CATHY SHEEHAN	CAN
18:10.02	LYNN MARSHALL	CAN	30.27	LISA DAHL	USA	59.58	SARAH MACDONALD	CAN	2:37.50	TERRI MAGINNIS	USA
18:40.71	ELKE HAGEDORN	GER	30.43	SYBILLE ERMISCH	GER	1:03.63	JUDY HATTLE	GBR	2:38.86	NAOKO SHIDE	JPN
19:16.09	JANA MATENA	USA	30.48	CHIHIRO SAITO	JPN	1:03.86	KATHY GARNIER	USA	2:43.06	LYNN DE GEORGE	USA
19:31.24	HEATHER HAGADORN	USA	31.13	MARIA NORBERG	SWE	1:04.01	TERRI MAGINNIS	USA	2:43.09	ANNELIES KRAUS	GER
19:47.63	COLLEEN PATTERSON	CAN	31.16	LINE LAPIERRE	CAN	1:04.77	K.ANDRUS-HUGHES	USA	2:43.14	K.ANDRUS-HUGHES	USA
19:51.47	ANNA DELOZIER	USA	31.33	SYLVIA BUXTON	USA	1:05.04	MARGARET SMITH	GBR	2:43.40	JUDIT HAJDU	AUT
19:52.30	JANET COOVER	USA	31.43	SHIZUKO HIRAISHI	JPN	1:05.09	LOLI BALBUENA	ESP	2:44.25	JOANNE SUTCLIFFE	AUS
19:53.58	TAMI ENGEL	USA	100 M. FLY			1:05.25	LAURA KESSLER	USA	2:44.30	E.BUCHER FEZARD	FRA
50 M. BACK			1:02.37	SUSAN VD LIPPE	USA	1:05.28	G.TALOCHINO	FRA	2:44.60	RAMONA GUILLEN	ESP
30.97	K.PIPES-NEILSEN	USA	1:03.90	K.PIPES-NEILSEN	USA	1:05.43	JENNY COOK	USA	50 M. BRST		
31.56	MARIKA MCCUE	USA	1:07.95	DANIELA DE PONTI	ITA	200 M. FREE			34.70	JUDY GARAY	CAN
32.80	ANN KOURI	CAN	1:08.55	LESLEY NORTON	GBR	2:19.70	JENNY COOK	USA	36.49	SARAH MACDONALD	CAN
32.81	HIROKO NOGUCHI	JPN	1:09.14	CHIHIRO SAITO	JPN	2:20.43	JUDY HATTLE	GBR	37.13	JENNY WHITELEY	AUS
32.92	SHIZUKO HIRAISHI	JPN	1:09.24	SHIZUKO HIRAISHI	JPN	2:22.82	KATHY GARNIER	USA	37.31	E.HAKANSSON	CAN
32.95	LISA DIXON-WELLS	CAN	1:09.35	SYBILLE ERMISCH	GER	2:23.28	LAURA WINSLOW	USA	37.36	MELINDA MANN	USA
33.01	VICKY DAVIDSON	USA	1:10.02	CRISTINA NISTRI	ITA	2:23.32	K.ANDRUS-HUGHES	USA	37.47	L.CRITTENDEN	USA
33.61	MONICA BAILEY	USA	1:10.14	GAIL MCGINNIS	CAN	2:23.41	MARGARET SMITH	GBR	37.76	PATRICIA WARREN	GBR
33.62	ANETTE PHILIPSSON	SWE	1:10.15	ANETTE PHILIPSSON	SWE	2:23.69	LYNN DE GEORGE	USA	37.84	ALISON NYE	GBR
33.70	MASAMI HIGURASHI	JPN	200 M. FLY			2:23.88	ATIE PIJTAK	NED	37.86	VERITY DOBBIE	GBR
100 M. BACK			2:21.07	SUSAN VD LIPPE	USA	2:24.15	LAURA KESSLER	USA	38.08	URSULA RICHTER	GER
1:06.05	K.PIPES-NEILSEN	USA	2:25.30	JUDY BROWN	GBR	2:24.86	JEANNE CARLSEN	CAN	100 M. BRST		
1:08.49	MARIKA MCCUE	USA	2:29.93	LYNN MARSHALL	CAN	400 M. FREE			1:20.84	COLETTE CRABBE	USA
1:10.30	UTE ROMBERG	GER	2:34.35	CYNTHIA PINCOTT	CAN	4:53.58	TANJA ENGELS	GER	1:21.86	JENNY WHITELEY	AUS
1:11.15	ANN KOURI	CAN	2:34.84	DORIT GIERKE	GER	4:54.61	JENNY COOK	USA	1:21.88	JUDY HATTLE	GBR
1:11.56	LISA DIXON-WELLS	CAN	2:37.27	SHIZUKO HIRAISHI	JPN	4:57.59	SARAH MACDONALD	CAN	1:22.10	SARAH MACDONALD	CAN
1:12.36	ROBYN BREWINGTON	USA	2:38.53	S. PALMER-WHITE	AUS	4:59.45	ANNELIES KRAUS	GER	1:22.40	MELINDA MANN	USA
1:12.39	CAROLINE KRATTLI	USA	2:38.73	PASCALE DURAND	FRA	5:00.12	MARGUERITE MEYER	USA	1:22.44	AMANDA HEATH	GBR
1:12.62	SYBILLE ERMISCH	GER	2:41.18	REBECCA KALIBAT	USA	5:00.93	LYNN DE GEORGE	USA	1:24.18	KAREN MAREB	USA
1:12.76	VIBEKE SWANSON	USA	2:41.58	ILKA LOWENSTEYN	CAN	5:01.45	JEANNE CARLSEN	CAN	1:24.34	VERITY DOBBIE	GBR
1:12.94	MASAMI HIGURASHI	JPN	100 M. I.M.			5:03.00	MARGARET SMITH	GBR	1:24.44	JAYNE O'BRIEN	GBR
200 M. BACK			1:05.72	K.PIPES-NEILSEN	USA	5:04.72	ATIE PIJTAK	NED	1:24.80	BIRGIT HOLMSTOEL	GER
2:21.95	K.PIPES-NEILSEN	USA	1:05.73	SUSAN VD LIPPE	USA	5:09.93	ANITA ZINGG	SUI	200 M. BRST		
2:31.83	LYNN MARSHALL	CAN	1:09.49	DANIELA DE PONTI	ITA	800 M. FREE			2:57.58	AMANDA HEATH	GBR
2:33.62	LISA DIXON-WELLS	CAN	1:09.64	CAROLINE KRATTLI	USA	9:42.24	SUZANNE SIMPSON	USA	2:58.07	JUDY HATTLE	GBR
2:34.04	N.MUIR-COCHRANE	GBR	1:09.84	ANETTE PHILIPSSON	SWE	10:04.89	SARAH MACDONALD	CAN	2:58.58	COLETTE CRABBE	USA



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

2:59.66	KAREN MELICK	USA	28.97	LAURA VAL	USA	1:13.88	EVIE LYNCH	USA	2:57.55	SUSAN SKIFF	GER
3:00.03	JAYNE O'BRIEN	GBR	29.82	SUE CARSON	CAN	1:15.85	C.TARANTINO	ITA	2:58.40	N.STEADMAN-MARTIN	USA
3:01.16	LINDA BLINCH	GBR	29.83	REGULA STEIGER	SUI	1:20.17	K.NISLEY-BLACK	USA	2:59.63	KYOKO SHIMOYAMA	JPN
3:04.45	KEIKO UTSUMI	JPN	29.98	SUE HODGE	GBR	1:21.06	KARLENE DENBY	USA	3:00.81	CHRISTIE CIRAULO	USA
3:06.55	AVILA RHODES	CAN	30.19	KARLENE DENBY	USA	1:21.80	MAVIS AIU	USA	3:01.72	ELAINE FINCHAM	USA
3:06.75	VERITY DOBBIE	GBR	30.55	HEATHER CAMPBELL	NZL	1:22.82	LINDA HUNT	CAN	3:02.23	FRANCES PENWARDEN	GBR
3:07.11	COKIE LEPINSKI	USA	30.57	PAT SARGEANT	USA	1:23.53	K.TUNNICLIFFE	GBR	3:05.77	SUE CARSON	CAN
50 M. FLY			30.73	COLNY TUCKER	USA	1:23.69	J.VANDERFLEET-SCO	CAN	3:08.08	PAT SARGEANT	USA
29.97	USCHI DUMIG	GER	30.95	YORIKO SHIMAZOE	JPN	1:24.26	PAULINE INWOOD	GBR	100 M. I.M.		
30.77	SARAH MACDONALD	CAN	31.02	EVIE LYNCH	USA	200 M. BACK			1:14.39	LAURA VAL	USA
30.80	TRACI GRANGER	USA	100 M. FREE			2:37.89	C.TARANTINO	ITA	1:15.75	ROBIN PARISI	USA
31.13	HARUMI SUGINUMA	JPN	1:01.93	LAURA VAL	USA	2:41.56	EVIE LYNCH	USA	1:17.32	EVIE LYNCH	USA
31.48	SACHIKO SAITO	JPN	1:06.02	HEATHER CAMPBELL	NZL	2:56.12	ELAINE FINCHAM	USA	1:17.35	HEATHER CAMPBELL	NZL
31.80	MICHELLE DIGE	GBR	1:06.29	SUE CARSON	CAN	2:57.82	PEGGY MCDONNELL	USA	1:18.05	SUSAN SKIFF	GER
31.89	JANE MCCALL	USA	1:06.81	SUSAN SKIFF	GER	2:58.80	MAVIS AIU	USA	1:18.47	PEGGY MCDONNELL	USA
31.92	MARGARET LANGDON	AUS	1:06.86	KARIN MILGER	GER	2:59.08	J.VANDERFLEET-SCO	CAN	1:19.22	REGULA STEIGER	SUI
31.93	LOLI BALBUENA	ESP	1:07.60	PAT SARGEANT	USA	3:00.10	KARLENE DENBY	USA	1:19.42	CATHY MERRITT	CAN
32.03	JENNY WHITELEY	AUS	1:07.79	KARLENE DENBY	USA	3:01.59	LINDA HUNT	CAN	1:20.31	PAT SARGEANT	USA
100 M. FLY			1:07.87	CATHY MERRITT	CAN	3:01.80	JO ANN BROOKS	USA	1:20.33	YUKARI NAKAGAWA	JPN
1:07.07	JUDY HATTLE	GBR	1:08.30	EVIE LYNCH	USA	3:02.51	SKIPPY MATTSON	USA	200 M. I.M.		
1:07.99	SUZANNE SIMPSON	USA	1:08.32	SUE HODGE	GBR	50 M. BRST			2:42.32	LAURA VAL	USA
1:10.91	HARUMI SUGINUMA	JPN	200 M. FREE			38.42	REGULA STEIGER	SUI	2:47.14	HEATHER CAMPBELL	NZL
1:11.14	TRACI GRANGER	USA	2:23.36	SUSAN SKIFF	GER	38.69	PETRA SCHROER	GER	2:51.01	PEGGY MCDONNELL	USA
1:11.39	RENATE CHRIST	GBR	2:23.69	C.TARANTINO	ITA	38.78	JUDY ROSS	CAN	2:52.46	PAT SARGEANT	USA
1:12.17	MARGARET SMITH	GBR	2:26.17	KATHI LINDSTROM	USA	39.34	JENNIFER MERRITT	GBR	2:53.10	KATHI LINDSTROM	USA
1:12.24	M. LANGDON	AUS	2:26.32	KARIN MILGER	GER	40.12	FRANCES PENWARDEN	GBR	2:53.60	FRANCES PENWARDEN	GBR
1:13.76	LAURA HOODLESS	GBR	2:28.72	EVIE LYNCH	USA	40.19	PASCAL EURIAT	FRA	2:56.27	ULRIKE URBANIAK	GER
1:14.30	AMANDA HEATH	GBR	2:28.97	HEATHER CAMPBELL	NZL	40.32	BARBARA HUMMEL	USA	2:58.44	JUNKO SATO	JPN
1:14.32	MICHELLE DIGE	GBR	2:29.06	SUE CARSON	CAN	40.40	DEB WALKER	USA	2:58.57	M.HILLENBRAND	GER
200 M. FLY			2:29.98	PAT SARGEANT	USA	40.44	A.BRYNGELSSON	SWE	2:59.40	NANCY STERLING	USA
2:29.32	SUZANNE SIMPSON	USA	2:30.99	SUSAN HAIGH	GBR	40.49	SALLY SHIELDS	GBR	400 M. I.M.		
2:34.15	JUDY HATTLE	GBR	2:31.62	JAYNE BALL	GBR	100 M. BRST			6:03.76	KATHI LINDSTROM	USA
2:44.60	TRACI GRANGER	USA	400 M. FREE			1:23.73	ULRIKE URBANIAK	GER	6:06.24	ELAINE FINCHAM	USA
2:45.27	KATHERINE BRANCH	USA	5:00.34	SUSAN SKIFF	GER	1:24.24	FRANCES PENWARDEN	GBR	6:07.73	N.STEADMAN-MARTIN	USA
2:47.27	JILL JONES	GBR	5:05.60	KATHI LINDSTROM	USA	1:24.69	PETRA SCHROER	GER	6:09.39	SUSAN HAIGH	GBR
2:47.59	JEANNE CARLSEN	CAN	5:10.68	KARIN MILGER	GER	1:25.47	REGULA STEIGER	SUI	6:10.08	ULRIKE URBANIAK	GER
2:47.74	LAURIE ALIOTO	USA	5:13.38	CHRISTIE CIRAULO	USA	1:25.50	JUDY ROSS	CAN	6:11.56	KARIN MILGER	GER
2:49.63	A.NIESPODZIANA	POL	5:14.86	N.STEADMAN-MARTIN	USA	1:25.88	JENNIFER MERRITT	GBR	6:12.67	CLAUDIA CORTES	USA
2:52.30	LAURA HOODLESS	GBR	5:15.84	PAT SARGEANT	USA	1:27.88	A.BRYNGELSSON	SWE	6:18.20	CHRISTIE CIRAULO	USA
2:53.80	DALE FREEMAN	CAN	5:20.14	JAYNE BALL	GBR	1:28.26	CATHY MERRITT	CAN	6:19.52	PEGGY MCDONNELL	USA
100 M. I.M.			5:23.19	SUE CARSON	CAN	1:28.83	MONIKA HERMANN	GER	6:24.92	AUDREY COOPER	GBR
1:09.28	SARAH MACDONALD	CAN	5:28.03	KARLENE DENBY	USA	1:28.91	BARBARA HUMMEL	USA	*****		
1:12.71	JENNY WHITELEY	AUS	5:29.62	PEGGY BAXTER	CAN	200 M. BRST			*****	WOMEN 55-59	
1:13.06	JUDY HATTLE	GBR	800 M. FREE			3:00.66	FRANCES PENWARDEN	GBR	*****		
1:13.71	MICHELLE DIGE	GBR	10:05.20	C.TARANTINO	ITA	3:02.01	ULRIKE URBANIAK	GER	*****		
1:13.81	TERRI MAGINNIS	USA	10:25.50	SUSAN SKIFF	GER	3:05.74	JENNIFER MERRITT	GBR	50 M. FREE		
1:13.81	LOLI BALBUENA	ESP	10:33.03	KATHI LINDSTROM	USA	3:06.75	AUDREY COOPER	GBR	29.87	CONNY BOER-BUIJS	NED
1:13.91	COLETTE CRABBE	USA	10:43.49	CHRISTIE CIRAULO	USA	3:07.33	KARIN MILGER	GER	30.59	ROSARIO VIVANCO	PER
1:14.59	E.BEUCHER FEZARD	FRA	10:45.20	N.STEADMAN-MARTIN	USA	3:07.68	JUDY ROSS	CAN	31.15	ELEANOR PINFOLD	NZL
1:14.82	L.CRITTENDEN	USA	10:57.08	CLAUDIA CORTES	USA	3:14.97	BARBARA HUMMEL	USA	31.29	YOSHIKO KADOSAKA	JPN
1:14.92	LAURA KESSLER	USA	11:00.35	JAYNE BALL	GBR	3:16.27	PASCAL EURIAT	FRA	31.38	SANDERINA KRUGER	RSA
200 M. I.M.			11:05.58	SUSAN HAIGH	GBR	3:16.33	MONIKA HERMANN	GER	31.63	KEIKO NAGANO	JPN
2:38.51	CATHY SHEEHAN	CAN	11:07.54	J.VANDERFLEET-SCO	CAN	3:16.44	JANE CHARUBA	AUS	31.69	LYNETTE STEVENSON	AUS
2:38.62	JUDY HATTLE	GBR	11:08.60	KARIN MILGER	GER	50 M. FLY			31.75	ANNE LABORWIT	USA
2:40.18	JENNY COOK	USA	1500 M. FREE			30.38	ANGELA ZINGLER	GER	31.78	DEBORAH BARTON	GBR
2:40.53	TERRI MAGINNIS	USA	20:02.75	KATHI LINDSTROM	USA	31.89	LAURA VAL	USA	31.80	CHRISTIE ALTMAN	USA
2:41.51	COLETTE CRABBE	USA	20:13.08	CHRISTIE CIRAULO	USA	31.97	ROBIN PARISI	USA	100 M. FREE		
2:42.87	JEAN DEGENAAR	RSA	20:17.96	N.STEADMAN-MARTIN	USA	32.67	CHRISTIE CIRAULO	USA	1:06.51	CONNY BOER-BUIJS	NED
2:43.99	RENATE CHRIST	GER	20:21.69	SUSAN SKIFF	GER	33.07	GUNILLA LEINSKOLD	SWE	1:07.96	ROSARIO VIVANCO	PER
2:44.88	E.BEUCHER FEZARD	FRA	20:32.21	SHERYL WALSH	USA	33.16	YORIKO SHIMAZOE	JPN	1:09.33	SANDERINA KRUGER	RSA
2:45.18	AMANDA HEATH	GBR	21:08.61	HEATHER CAMPBELL	NZL	33.42	MARIA RHODIN	SWE	1:09.37	ANNE LABORWIT	USA
2:45.66	K.ANDRUS-HUGHES	USA	21:20.09	SUE CARSON	CAN	33.78	HEATHER CAMPBELL	NZL	1:10.18	MARGARETA RAINER	SWE
400 M. I.M.			21:27.46	J.VANDERFLEET-SCO	CAN	33.95	JOEL FELDMANN	USA	1:11.11	DEBORAH BARTON	GBR
5:39.53	JUDY HATTLE	GBR	21:32.05	ELAINE FINCHAM	USA	34.17	ELAINE FINCHAM	USA	1:11.35	AIDA DAVIS	PER
5:43.68	RENATE CHRIST	GER	21:36.48	RONDA NISMAN	USA	100 M. FLY			1:11.48	ELEANOR PINFOLD	NZL
5:46.08	EDIE FISHER	CAN	50 M. BACK			1:09.28	LAURA VAL	USA	1:11.69	JANETTE JEFFREY	AUS
5:46.80	LYNN DE GEORGE	USA	32.72	LAURA VAL	USA	1:16.31	SUSAN SKIFF	GER	1:12.07	HELLA VERSVELD	CAN
5:49.23	KATHERINE BRANCH	USA	34.32	EVIE LYNCH	USA	1:16.65	CHRISTIE CIRAULO	USA	200 M. FREE		
5:53.47	AMANDA HEATH	GBR	35.98	C.TARANTINO	ITA	1:17.66	ELAINE FINCHAM	USA	2:29.54	CONNY BOER-BUIJS	NED
5:53.50	BIRGIT HEINIG	GER	36.81	ANN GUINS	USA	1:17.81	KYOKO SHIMOYAMA	JPN	2:31.52	BARBARA DUNBAR	USA
5:54.80	JANE MCCALL	USA	37.18	LINDA HUNT	CAN	1:18.84	JO MATTHEWS	NZL	2:31.52	ROSARIO VIVANCO	PER
5:55.03	JEANNE CARLSEN	CAN	37.20	PEGGY MCDONNELL	USA	1:19.16	PAT SARGEANT	USA	2:32.11	ANNE LABORWIT	USA
5:56.25	MARGUERITE MEYER	USA	37.30	MARILYN FINK	USA	1:19.69	GUNILLA LEINSKOLD	SWE	2:33.25	FRANCES HARE	USA
*****			37.45	HEATHER CAMPBELL	NZL	1:19.70	PEGGY MCDONNELL	USA	2:36.53	HELLA VERSVELD	CAN
*****			37.63	KARLENE DENBY	USA	1:20.03	MARY PURVIS	GBR	2:38.26	ELEANOR PINFOLD	NZL
*****			37.64	N.STEADMAN-MARTIN	USA	200 M. FLY			2:40.88	SALLY GUTHRIE	USA
*****			100 M. BACK			2:39.11	LAURA VAL	USA	2:45.97	CHRISTIE ALTMAN	USA
50 M. FREE			1:13.87	LAURA VAL	USA	2:53.45	SUSAN HAIGH	GBR	2:46.65	AKIKO IWAMIZU	JPN



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400 M. FREE		1:25.63	YVONNE CATTRALL	CAN	6:26.62	BARBARA DUNBAR	USA	26:06.44	KUMIKO GOTO	JPN
5:18.71	BARBARA DUNBAR	USA	1:31.32	ELISABETH REINEKE	GER	6:42.68	ELISABETH REINEKE	GER	50 M. BACK	
5:21.44	ANNE LABORWIT	USA	1:32.53	GINGER PIERSON	USA	6:48.49	CATHERINE QUILL	USA	36.42	MARGIT OHLSSON
5:26.75	MARGARETA RAINER	SWE	1:33.00	KIYOKO YAMAGISHI	JPN	6:49.35	RITSUKO KUROSAWA	JPN	38.37	PENNY STEELE
5:30.11	HELLA VERSVELD	CAN	1:33.43	KAYAKO HIROSE	JPN	6:51.32	YOSHIKO TOMATSU	JPN	38.60	SILVANA ABREU
5:32.65	FRANCES HARE	USA	1:34.20	KATSUKO KURIHARA	JPN	6:54.70	KEIKO NOGUCHI	JPN	39.42	HIROMI SATO
5:36.58	MEREDITH MOORE	USA	1:34.65	MARGARET BAKISH	CAN	6:55.52	SUMIYO KURIMOTO	JPN	40.30	BONNIE PRONK
5:46.02	SALLY GUTHRIE	USA	1:34.92	INGEBORG SEIDEL	GER	6:58.66	COLLEEN NELSON	CAN	40.33	JEN THOMASSON
5:47.03	CAROL FELLOWS	GBR	1:34.95	YOSHIE OGASAWARA	JPN	6:59.35	LYNNE TANNER	GBR	41.27	RENATA BASTEK
5:47.49	MARCIA BARRY	USA	1:35.11	BRIGITTE KUHL	GER				41.35	MARY POHLMANN
5:48.07	BARBARA BOS	USA	200 M. BRST						41.65	KATHY SLIFER
800 M. FREE		3:16.59	YVONNE CATTRALL	CAN	*****				41.67	JANET BROWN
10:43.52	BARBARA DUNBAR	USA	3:20.41	ELISABETH REINEKE	GER	*****			100 M. BACK	
11:10.25	MARGARETA RAINER	SWE	3:23.74	YOSHIE OGASAWARA	JPN	50 M. FREE			1:20.44	MARGIT OHLSSON
11:12.41	ANNE LABORWIT	USA	3:24.18	KIYOKO YAMAGISHI	JPN	32.75	JEN THOMASSON	AUS	1:25.66	BONNIE PRONK
11:14.06	HELLA VERSVELD	CAN	3:24.62	GINGER PIERSON	USA	32.92	JUDY WILSON	GBR	1:27.08	JEN THOMASSON
11:22.83	MEREDITH MOORE	USA	3:24.89	MARGARET BAKISH	CAN	33.35	RENATA BASTEK	POL	1:28.69	MARY POHLMANN
11:34.76	LINDA SHOENBERGER	USA	3:25.09	RITSUKO KUROSAWA	JPN	33.52	NANCY RIDOUT	USA	1:29.82	JOY WARD
11:35.11	FRANCES HARE	USA	3:26.52	MARGOT PETTIJOHN	USA	33.62	KAYE BEER	AUS	1:30.05	KATHY SLIFER
11:41.98	SALLY GUTHRIE	USA	3:26.63	KAYAKO HIROSE	JPN	33.94	CAROLYN FLEMING	USA	1:30.30	PENNY STEELE
11:57.44	BARBARA BOS	USA	3:27.17	HELEN JENKINS	GBR	34.02	MARGIT OHLSSON	SWE	1:31.27	GERDA WILLIAMS
12:03.48	JANE LESLIE	GBR	50 M. FLY		34.63	SUSANA BARKLEY	ESP	1:31.70	RENATA BASTEK	
1500 M. FREE		33.66	CONNY BOER-BUIJS	NED	34.65	ANALIA MAUGERE	PER	1:31.93	LOIS HILL	
20:19.27	BARBARA DUNBAR	USA	34.41	DEBORAH BARTON	GBR	34.84	VERA SASSE	BRA	200 M. BACK	
21:32.76	HELLA VERSVELD	CAN	35.33	JAN WICKS	AUS	100 M. FREE			3:00.85	MARGIT OHLSSON
21:57.99	LINDA SHOENBERGER	USA	35.42	YASUKO SOGA	JPN	1:13.33	JUDY WILSON	GBR	3:02.57	BONNIE PRONK
22:15.47	SALLY GUTHRIE	USA	35.61	MARILYN EARP	AUS	1:14.17	JEN THOMASSON	AUS	3:08.97	MARY POHLMANN
22:52.78	ELEANOR PINFOLD	NZL	35.68	C.PANIGHETTI	USA	1:15.89	RENATA BASTEK	POL	3:12.67	JOY WARD
22:54.26	JANE LESLIE	GBR	36.68	CAROL FELLOWS	GBR	1:17.51	FUSAKO ONO	JPN	3:16.49	JACKIE MARR
23:35.48	KEIKO NOGUCHI	JPN	36.74	KOTOE MATSUMOTO	JPN	1:17.51	LEA HILL	AUS	3:17.56	KAZUKO ITO
23:43.41	MARGARET BAKISH	CAN	36.77	JANETTE JEFFREY	AUS	1:17.65	JACKIE MARR	USA	3:17.85	ELAINE BLOWER
23:45.27	PHYLLIS SPRINGER	USA	36.78	SUMIKO HASHIMOTO	JPN	1:17.73	CAROLYN FLEMING	AUS	3:19.45	SILVANA ABREU
24:02.57	CAROLYN LYMAN	USA	100 M. FLY		1:18.29	KAYE BEER	AUS	3:21.60	ELIZABETH SAVIDGE	
50 M. BACK		1:20.78	BARBARA DUNBAR	USA	1:18.45	NANCY RIDOUT	USA	3:21.93	LOIS HILL	
36.04	DEBORAH BARTON	GBR	1:21.57	BRIGITTE MERTEN	GER	1:18.62	SILVANA ABREU	BRA	50 M. BRST	
36.67	B.BARNETT-SALLE	USA	1:26.37	MICHIKO OTO	JPN	200 M. FREE			40.68	MONIKA SENFTLEBEN
37.20	JANETTE JEFFREY	AUS	1:27.86	RITSUKO KUROSAWA	JPN	2:42.41	ARDETH MUELLER	USA	41.14	BONNIE PRONK
37.24	CONNY BOER-BUIJS	NED	1:28.21	LYNNE TANNER	GBR	2:44.11	SUZANNE DILLS	USA	42.17	ELAINE BROMWICH
37.28	LYNETTE STEVENSON	AUS	1:28.31	KEIKO HONDA	JPN	2:47.75	JUDY WILSON	GBR	42.55	DIANE FORD
37.60	TAKAKO NAKAHARA	JPN	1:29.45	CHRISTIE ALTMAN	USA	2:51.06	LEA HILL	AUS	43.24	NOBUKO YASUDA
38.13	JAN MILLER	USA	1:30.63	S.MORCHE-BLOCH	GER	2:51.54	SUSANA BARKLEY	ESP	43.30	VERA SASSE
38.36	ANNE LABORWIT	USA	1:30.79	JAN MILLER	USA	2:52.80	JACKIE MARR	USA	43.48	SHIGEO SATO
38.60	C.PANIGHETTI	USA	1:30.97	INGEBORG SEIDEL	GER	2:52.85	PENNY WEBSTER	GBR	43.49	SEIKO HASEBE
39.18	GRAZYNA KISZCZAK	POL	200 M. FLY		2:54.24	BONNIE PRONK	CAN	43.69	ROTRAUD PALMER	
100 M. BACK		3:09.87	BARBARA DUNBAR	USA	2:54.25	KATHY SLIFER	USA	43.82	CLAIRE O'DWYER	
1:19.51	B.BARNETT-SALLE	USA	3:14.92	RITSUKO KUROSAWA	JPN	2:56.47	SUSAN GUSTAVISON	CAN	100 M. BRST	
1:21.19	DEBORAH BARTON	GBR	3:15.69	S.MORCHE-BLOCH	GER	400 M. FREE			1:29.23	BONNIE PRONK
1:21.61	ANNE LABORWIT	USA	3:21.53	GINGER PIERSON	USA	5:52.58	SUSANA BARKLEY	ESP	1:31.14	HANNELORE ROSE
1:21.64	JANETTE JEFFREY	AUS	3:23.25	TERESA MCDOWELL	USA	5:58.32	BONNIE PRONK	CAN	1:32.00	DIANE FORD
1:21.96	TAKAKO NAKAHARA	JPN	3:23.47	PATRICIA JACKSON	GBR	5:59.75	PENNY WEBSTER	GBR	1:32.84	NOBUKO YASUDA
1:22.36	HELLA VERSVELD	CAN	3:24.59	CATHERINE QUILL	USA	6:00.86	HANNELORE ROSE	GER	1:34.03	MONIKA SENFTLEBEN
1:25.55	BRIGITTE MERTEN	GER	3:25.19	HARRIET BURE	SWE	6:07.48	JUDY WILSON	GBR	1:36.34	TAMAE FURUYA
1:25.67	LYNETTE STEVENSON	AUS	3:29.39	ELISABETH REINEKE	GER	6:10.55	SUSAN GUSTAVISON	CAN	1:36.41	MONIKA WARNUSZ
1:25.71	MARILYN EARP	AUS	3:30.21	SUMIYO KURIMOTO	JPN	6:12.07	JACKIE MARR	USA	1:36.49	M.VAN DER VEEN
1:25.83	M.JOSE JANNEKEYN	FRA	100 M. I.M.		6:14.22	JAN CROFT	AUS	1:36.75	ELAINE BROMWICH	
200 M. BACK		1:21.04	JANETTE JEFFREY	AUS	6:14.71	RUFINA SERVALLS	ESP	1:37.18	ANNEGRET VOLCKER	
2:55.63	JANETTE JEFFREY	AUS	1:22.27	HELLA VERSVELD	CAN	6:16.01	MARY POHLMANN	USA	200 M. BRST	
2:56.19	ANNE LABORWIT	USA	1:22.97	C.PANIGHETTI	USA	800 M. FREE			3:18.15	DIANE FORD
3:03.83	M.JOSE JANNEKEYN	FRA	1:23.61	YVONNE CATTRALL	CAN	11:26.51	ARDETH MUELLER	USA	3:18.20	NOBUKO YASUDA
3:05.85	SUSIE BRESLIN	GBR	1:23.78	LYNETTE STEVENSON	AUS	11:48.52	JEN THOMASSON	AUS	3:19.40	BONNIE PRONK
3:06.53	MARILYN EARP	AUS	1:24.30	CONNY BOER-BUIJS	NED	11:53.88	SUZANNE DILLS	USA	3:20.76	HANNELORE ROSE
3:06.81	JULIE GUNTHORP	NZL	1:25.89	CHRISTIE ALTMAN	USA	12:05.86	HANNELORE ROSE	GER	3:29.20	MONIKA SENFTLEBEN
3:08.26	JAN MILLER	USA	1:26.35	ELISABETH REINEKE	GER	12:09.70	SUSANA BARKLEY	ESP	3:29.65	MONIKA WARNUSZ
3:08.48	TERESA MCDOWELL	USA	1:26.44	MARILYN EARP	AUS	12:16.11	PENNY WEBSTER	GBR	3:31.91	M.VAN DER VEEN
3:09.03	JOYCE BONNEFOY	FRA	1:26.48	MARGARETA RAINER	SWE	12:23.46	KATHY SLIFER	USA	3:32.77	SEIKO HASEBE
3:09.70	KEIKO NOGUCHI	JPN	200 M. I.M.		12:25.76	ELAINE BLOWER	GBR	3:33.39	ELAINE BROMWICH	
50 M. BRST		2:54.70	BRIGITTE MERTEN	GER	12:35.81	SUSAN GUSTAVISON	CAN	3:35.00	KATHY SLIFER	
38.73	YVONNE CATTRALL	CAN	2:59.54	JANETTE JEFFREY	AUS	12:40.55	JAN CROFT	AUS	50 M. FLY	
39.97	JAN WICKS	AUS	3:00.47	BARBARA DUNBAR	USA	1500 M. FREE			34.44	JUDY WILSON
41.01	BRIGITTE KUHL	GER	3:05.73	HELLA VERSVELD	CAN	23:32.69	ELAINE BLOWER	GBR	35.03	MICHIE DOI
41.69	GINGER PIERSON	USA	3:08.76	MARGARETA RAINER	SWE	24:38.72	ANN SVENSON	USA	37.64	ARDETH MUELLER
41.76	JUDY ALDEN	GBR	3:08.89	M.JOSE JANNEKEYN	FRA	24:54.93	RITSUKO SUGIMURA	JPN	38.01	NOBUKO YASUDA
41.77	ELISABETH REINEKE	GER	3:11.35	JENNY IRELAND	RSA	24:57.18	MARY POHLMANN	USA	38.06	SILVANA ABREU
42.20	KAYAKO HIROSE	JPN	3:12.26	RITSUKO KUROSAWA	JPN	25:06.35	DOREEN GORDON	GBR	38.10	JOY WARD
42.70	JANETTE JEFFREY	AUS	3:15.36	GISELA FURST	GER	25:19.93	SUE CALNEK-MORRIS	USA	38.92	BARBARA FRID
42.72	BEA POOL	NED	3:15.61	SUMIYO KURIMOTO	JPN	25:44.18	SARAH TYLER	USA	39.00	MARGIT OHLSSON
42.82	KIYOKO YAMAGISHI	JPN	400 M. I.M.		25:44.48	M.VAN DER VEEN	NED	39.14	BONNIE PRONK	
100 M. BRST		6:21.66	JANETTE JEFFREY	AUS	25:46.85	MARCIA ANZIANO	USA	39.41	SUSANA BARKLEY	



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100 M. FLY		1:24.74 KAZU KOYAMA	JPN	3:35.94 NANCY BROWN	USA	1:38.05 TSUNEKO YONEKURA	JPN
1:19.55 JUDY WILSON	GBR	1:24.85 SUSAN MUNN	USA	3:37.10 UTE REMENYI	AUT	200 M. I.M.	
1:28.81 SUSANA BARKLEY	ESP	1:25.98 JUNKO EMOTO	JPN	50 M. BRST		3:08.81 YOSHIKO OSAKI	JPN
1:31.65 BONNIE PRONK	CAN			42.35 JOANN LEILICH	USA	3:29.42 BETSY JORDAN	USA
1:33.69 SILVANA ABREU	BRA	2:44.02 CHRISTEL SCHULZ	GER	45.45 UTE AHMELS	GER	3:29.73 LYNNE LUND	USA
1:34.21 DANIELA BARNEA	USA	2:58.25 HELGA REICH	GER	45.45 GABRIELLA TUCCI	ITA	3:32.04 TAYO FUJIEDA	JPN
1:35.21 MICHIE DOI	JPN	3:03.91 ELIZABETH GREEN	GBR	45.47 LUISE KNOPFLE	GER	3:32.71 HIROKO OTSUBO	JPN
1:35.67 KAZUKO YAMADA	JPN	3:04.34 SALLY BOLAR	USA	45.86 KAZUKO KAJIWARA	JPN	3:36.70 MARCELA STASTNA	CZE
1:35.82 JOY WARD	USA	3:04.54 SUSAN MUNN	USA	46.70 MARCELA STASTNA	CZE	3:37.62 KEIKO YAMADA	JPN
1:39.72 NERIDA MURRAY	AUS	3:04.69 KAZU KOYAMA	JPN	46.89 KEIKO YAMADA	JPN	3:37.72 SUSAN MUNN	USA
1:40.40 GEORGIE HAMILTON	GBR	3:05.11 LYNNE LUND	USA	47.19 TERUKO NISHISAKO	JPN	3:38.10 SACHIKO HASEGAWA	JPN
200 M. FLY		3:06.35 MARIA PENNA	BRA	47.31 MURIEL HITCHCOCK	GBR	3:42.73 BRENDA HALLARD	GBR
3:31.00 JEN THOMASSON	AUS	3:07.42 PAM HUTCHINGS	AUS	47.50 OLGA KREJCI	SUI	400 M. I.M.	
3:37.55 JOY WARD	USA	3:07.54 BETSY JORDAN	USA	100 M. BRST		7:20.51 LYNNE LUND	USA
3:40.42 SALLY ILIFF	USA	400 M. FREE		1:34.06 LUISE KNOPFLE	GER	7:39.51 BETSY JORDAN	USA
3:40.47 PAT ANGUS	CAN	5:49.64 YOSHIKO OSAKI	JPN	1:39.60 TAYO FUJIEDA	JPN	8:00.02 SUSAN LIVINGSTON	USA
3:44.55 GEORGIE HAMILTON	GBR	6:15.13 HELGA REICH	GER	1:41.82 GABRIELLA TUCCI	ITA	8:05.00 VAL LYNCH	AUS
3:45.24 JAN CROFT	AUS	6:22.67 MARIA PENNA	BRA	1:42.44 KUMIE TOKUDA	JPN	8:05.22 TRICIA LIDDY	AUS
3:45.58 MARIA COSTA	BRA	6:24.22 BETSY JORDAN	USA	1:42.72 KEIKO YAMADA	JPN	8:14.44 MITSUKO ENDO	JPN
3:45.90 SEIKO HASEBE	JPN	6:40.18 SALLY BOLAR	USA	1:44.17 SADAKO FUJII	JPN	8:14.77 LENORE SONNTAG	NZL
3:49.37 MICHIE DOI	JPN	6:40.49 SUSAN MUNN	USA	1:45.40 MARCELA STASTNA	CZE	8:23.39 FUSAKO KANAZAWA	JPN
3:51.29 REIKO NAGASAKU	JPN	6:40.61 ELIZABETH GREEN	GBR	1:45.76 TRICIA LIDDY	AUS	8:28.62 SUE MAYNE	AUS
100 M. I.M.		6:40.87 L.VAN DER MEER	NED	1:46.06 HIROKO OTANI	JPN	8:32.47 BARBARA ZAREMSKI	USA
1:23.14 MARGIT OHLSSON	SWE	6:49.10 SUZANNE LEVETT	AUS	1:46.42 MURIEL HITCHCOCK	GBR		
1:28.35 KATHY SLIFER	USA	6:52.38 BRENDA WALKER	GBR	200 M. BRST		*****	
1:28.59 SUZANNE DILLS	USA	800 M. FREE		3:23.59 LUISE KNOPFLE	GER	*****	
1:30.66 SILVANA ABREU	BRA	12:50.68 HELGA REICH	GER	3:26.80 YOSHIKO OSAKI	JPN	*****	
1:30.79 BARBARA FRID	USA	12:59.64 REIKO ISHIZAKI	JPN	3:38.17 INGRID LUNING	GER	*****	
1:31.14 FUSAKO ONO	JPN	13:16.23 BETSY JORDAN	USA	3:38.80 TAYO FUJIEDA	JPN	50 M. FREE	
1:32.25 BONNIE PRONK	CAN	13:24.60 MARIA PENNA	BRA	3:40.66 GABRIELLA TUCCI	ITA	35.98 JANE ASHER	GBR
1:32.99 JACKIE MARR	USA	13:34.45 L.VAN DER MEER	NED	3:42.70 KUMIE TOKUDA	JPN	36.87 SHOKO YONEZAWA	JPN
1:33.02 RENATA BASTEK	POL	13:38.86 SUSAN MUNN	USA	3:42.70 KUMIE TOKUDA	JPN	36.94 JOHNNIE DETRICK	USA
1:33.08 JOY WARD	USA	13:41.37 HISAE NISHINO	JPN	3:46.30 HIROKO OTANI	JPN	37.51 LOTTIE GEURTS	NED
200 M. I.M.		13:42.64 ELIZABETH GREEN	GBR	3:47.87 CYNTHIA ANDRADE	BRA	37.53 V.JOHANSSON	SWE
3:04.50 BONNIE PRONK	CAN	13:47.57 TAYO FUJIEDA	JPN	3:48.03 UTE REMENYI	AUT	37.70 URSULA FROHLICH	GER
3:07.21 MARGIT OHLSSON	SWE	14:11.68 SALLY BOLAR	USA	3:48.59 SADAKO FUJII	JPN	38.15 YOSHIKO SATO	JPN
3:07.92 NOBUKO YASUDA	JPN	1500 M. FREE		50 M. FLY		38.46 HISAKO SATO	JPN
3:17.97 KAZUKO ITO	JPN	24:43.59 REIKO ISHIZAKI	JPN	36.36 CHRISTEL SCHULZ	GER	38.98 YURIKO NAGAMATSU	JPN
3:18.75 SILVANA ABREU	BRA	25:30.49 BETSY JORDAN	USA	38.86 YOSHIKO OSAKI	JPN	39.33 RONNIE KAMPHAUSEN	USA
3:22.05 JUDY WILSON	GBR	25:32.25 LYNNE LUND	USA	39.79 LYNNE LUND	USA	100 M. FREE	
3:24.91 JOY WARD	USA	26:03.31 L.VAN DER MEER	NED	40.61 HAIKE HOLER	GER	1:21.21 JANE ASHER	GBR
3:25.22 SATOKO KAWATA	JPN	26:35.35 SARAH ARNOLD	GBR	40.67 ELIZABETH ROEPKE	USA	1:22.10 V.JOHANSSON	SWE
3:25.59 DIANE FORD	GBR	27:10.66 SUZANNE LEVETT	AUS	40.80 HISAKO KITAYAMA	JPN	1:25.04 HISAKO SATO	JPN
3:25.84 SEIKO HASEBE	JPN	27:19.14 SUSAN BRADLEY-COX	USA	41.47 SALLY BOLAR	USA	1:25.48 YURIKO NAGAMATSU	JPN
400 M. I.M.		27:25.60 BARBARA ZAREMSKI	USA	42.10 MARCELA STASTNA	CZE	1:26.01 BARBARA FENTIMAN	GBR
6:50.30 SUZANNE DILLS	USA	27:33.91 AKEMI KISHIBE	JPN	42.17 SEIKO YAMASAKI	JPN	1:26.25 LOTTIE GEURTS	NED
6:57.45 KATHY SLIFER	USA	27:45.27 JANE OBERG	USA	42.91 KEIKO YAMADA	JPN	1:27.94 JOHNNIE DETRICK	USA
7:10.75 GEORGIE HAMILTON	GBR	50 M. BACK		100 M. FLY		1:28.70 URSULA FROHLICH	GER
7:13.99 ANNEGRET VOLCKER	GER	41.05 CHRISTEL SCHULZ	GER	1:28.19 YOSHIKO OSAKI	JPN	1:29.14 RONNIE KAMPHAUSEN	USA
7:15.32 SEIKO HASEBE	JPN	41.72 PAM HUTCHINGS	AUS	1:34.31 CHRISTEL SCHULZ	GER	1:29.34 DIANE STOWELL	USA
7:17.36 KAZUKO ITO	JPN	41.90 BETSY JORDAN	USA	1:35.28 LYNNE LUND	USA	200 M. FREE	
7:18.86 M.VAN DER VEEN	NED	42.64 KEIKO YAMADA	JPN	1:36.51 HELGA REICH	GER	2:52.48 JANE ASHER	GBR
7:18.97 SUSAN MEYERS	USA	44.00 EVA JAROSOVA	CZE	1:37.40 HAIKE HOLER	GER	3:08.05 BARBARA FENTIMAN	GBR
7:37.71 ERDA DILLINGER	CAN	44.32 SACHIKO HASEGAWA	JPN	1:38.26 SALLY BOLAR	USA	3:10.99 DIANE STOWELL	USA
7:41.99 LINDA BERRY	CAN	44.65 TSUNEKO YONEKURA	JPN	1:42.00 MARCELA STASTNA	CZE	3:13.34 LOTTIE GEURTS	NED
		44.79 MISAO MATSUMOTO	JPN	1:43.23 HIROKO OTSUBO	JPN	3:13.72 RONNIE KAMPHAUSEN	USA
*****		45.07 BRENDA WALKER	GBR	1:45.43 BETSY JORDAN	USA	3:14.86 V.JOHANSSON	SWE
*****		45.09 NANCY BROWN	USA	1:46.36 ENEDINA PEREIRA	BRA	3:15.78 HISAKO SATO	JPN
*****		100 M. BACK		200 M. FLY		3:17.03 DENISE ROBERTSON	AUS
*****		100 M. BACK		3:28.53 YOSHIKO OSAKI	JPN	3:21.32 KASUMI ISHIKAWA	JPN
50 M. FREE		1:31.10 CHRISTEL SCHULZ	GER	3:42.95 LYNNE LUND	USA	3:22.15 HIROKO UMEMA	JPN
32.25 CHRISTEL SCHULZ	GER	1:32.83 BETSY JORDAN	USA	3:48.35 BETSY JORDAN	USA	400 M. FREE	
33.09 YOSHIKO OSAKI	JPN	1:34.58 PAM HUTCHINGS	AUS	3:51.93 SALLY BOLAR	USA	6:09.37 JANE ASHER	GBR
34.84 SALLY BOLAR	USA	1:36.90 EVA JAROSOVA	CZE	3:54.38 ENEDINA PEREIRA	BRA	6:31.95 BARBARA FENTIMAN	GBR
35.43 TERUKO NISHISAKO	JPN	1:37.19 BRENDA WALKER	GBR	4:06.51 TRICIA LIDDY	AUS	6:39.67 RONNIE KAMPHAUSEN	USA
35.43 OLGA KREJCI	SUI	1:37.63 MISAO MATSUMOTO	JPN	4:14.51 JANE OBERG	USA	6:42.91 DIANE STOWELL	USA
35.75 ELIZABETH ROEPKE	USA	1:37.68 KEIKO YAMADA	JPN	4:16.09 MASUNO MASUDA	JPN	6:46.78 LOTTIE GEURTS	NED
35.89 PAM HUTCHINGS	AUS	1:39.24 LYNNE LUND	USA	4:18.22 SUSAN LIVINGSTON	USA	6:51.97 V.JOHANSSON	SWE
36.52 KEIKO YAMADA	JPN	1:39.50 HAIKE HOLER	GER	4:22.83 LENORE SONNTAG	NZL	6:53.41 ADRIENNE PIPES	USA
36.88 FUSAKO HIROOKA	JPN	1:41.24 TERUKO MURANO	JPN	100 M. I.M.		6:54.28 URSULA FROHLICH	GER
37.03 KAZUE WADA	JPN	200 M. BACK		1:24.95 YOSHIKO OSAKI	JPN	6:55.29 HISAKO SATO	JPN
100 M. FREE		3:26.07 BETSY JORDAN	USA	1:25.00 CHRISTEL SCHULZ	GER	6:55.58 DENISE ROBERTSON	AUS
1:10.97 CHRISTEL SCHULZ	GER	3:32.47 BRENDA WALKER	GBR	1:32.30 JOANN LEILICH	USA	800 M. FREE	
1:13.74 YOSHIKO OSAKI	JPN	3:32.64 HARUMI SUGIMOTO	JPN	1:34.23 KEIKO YAMADA	JPN	12:47.59 JANE ASHER	GBR
1:21.05 SALLY BOLAR	USA	3:33.43 LYNNE LUND	USA	1:35.63 HELGA REICH	GER	13:21.21 BARBARA FENTIMAN	GBR
1:22.61 PAM HUTCHINGS	AUS	3:33.76 SUSAN LIVINGSTON	USA	1:36.10 HIROKO OTSUBO	JPN	13:35.09 DIANE STOWELL	USA
1:23.23 TERUKO NISHISAKO	JPN	3:33.87 MARGA SCHULZE	GER	1:36.29 LUISE KNOPFLE	GER	14:06.17 DENISE ROBERTSON	AUS
1:23.84 PAULINE WINGATE	AUS	3:35.34 MISAO MATSUMOTO	JPN	1:36.35 LYNNE LUND	USA	14:15.56 LOTTIE GEURTS	NED
1:24.03 HELGA REICH	GER	3:35.90 EVA JAROSOVA	CZE	1:37.86 KAZU KOYAMA	JPN	14:17.83 URSULA FROHLICH	GER



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1:38.27	GAIL ROPER	USA	15:30.51	MARGERY MEYER	USA	5:45.97	NORA RONAI	BRA	4:36.44	CANDIDA GANDOLPHO	BRA
1:46.73	SYLVIA NEUHAUSER	AUT	16:11.35	VIRGINIA KETELEER	BEL	6:37.52	PAULINE STANGEL	USA	5:12.73	WILLY VAN RYSEL	GBR
1:49.41	MITSUKO KOMURO	JPN	17:00.71	LOIS KIVI NOCHMAN	USA	6:46.93	CORNELIA JOHNSON	USA	5:17.02	OLGA OLAZABAL	PER
1:56.37	NANETTE BOHL	USA	17:13.96	ELSA DE LEEUW	CAN	6:51.19	PAULINE BENJAMIN	AUS	5:19.00	ANNE WALKER	USA
1:57.16	JEAN TROY	USA	18:17.66	MAURINE KORNFELD	USA	50 M.	FLY		5:30.59	KIKU ONO	JPN
1:57.39	EDITH BOHM	GER	21:14.12	ALBA CAFFARENA	ITA	55.66	LOIS NOCHMAN	USA	6:59.03	MARY GARTON	AUS
1:57.92	CHIE TANI	JPN	21:14.37	BEA HEIM	USA	1:02.68	UMEKO KUWAHARA	JPN	7:09.04	HELEN JACKSON	AUS
2:03.95	ERIKA LANGE	GER	24:51.29	MARY SLATER	GBR	1:05.33	NORA RONAI	BRA	400 M.	FREE	
2:05.12	TSURUYO TANAKA	JPN	26:25.17	TINA SMIT	AUS	1:07.24	FLORENCE CARR	USA	8:37.38	RITA SIMONTON	USA
2:05.37	NORIKO NISHIKAWA	JPN	27:28.00	MARION CHADWICK	USA	1:08.75	KUMIKO KUBO	JPN	9:57.25	CANDIDA GANDOLPHO	BRA
200 M.	I.M.		1500 M.	FREE		1:13.13	JUNE REYNOLDS	USA	10:58.69	WILLY VAN RYSEL	GBR
3:37.24	GAIL ROPER	USA	30:32.06	VIRGINIA KETELEER	BEL	1:18.34	TOSHIKO HAMAGUCHI	JPN	11:32.36	KIKU ONO	JPN
4:10.36	JEAN TROY	USA	31:47.47	MARGERY MEYER	USA	1:23.81	KALIS RASMUSSEN	CAN	11:55.88	YOSHIKO WATANABE	JPN
4:18.19	CHIE TANI	JPN	32:26.11	LOIS KIVI NOCHMAN	USA	1:28.02	MAURINE KORNFELD	USA	14:46.39	MASAKO MATSUNO	JPN
4:39.78	TSURUYO TANAKA	JPN	40:44.30	ALBA CAFFARENA	ITA	1:30.19	CHARLOTTE SANDDAL	USA	800 M.	FREE	
4:40.07	THELMA BRYAN	AUS	47:45.73	MARY SLATER	GBR	100 M.	FLY		17:30.98	RITA SIMONTON	USA
4:42.51	BARBARA OWENS	USA	50 M.	BACK		2:05.59	LOIS NOCHMAN	USA	21:46.37	WILLY VAN RYSEL	GBR
4:49.73	EIKO MIWA	JPN	54.19	MIDORI KINJO	JPN	2:51.04	NORA RONAI	BRA	1500 M.	FREE	
5:04.90	SHEILA NAIMAN	CAN	54.33	SILVIA CRAVERI	ITA	3:03.00	JUNE REYNOLDS	USA	33:36.78	RITA SIMONTON	USA
5:11.68	DIXIE GERMOLUS	USA	55.12	FLORENCE CARR	USA	3:49.25	ANNE POTTIER	FRA	50 M.	BACK	
5:14.64	TERRY SOKOLIK	USA	57.65	LOIS NOCHMAN	USA	6:18.40	ELFIE STEVENIN	USA	1:03.51	WILLY VAN RYSEL	GBR
400 M.	I.M.		58.12	DORIS MCEWAN	CAN	200 M.	FLY		1:03.87	PERSIS RAE	AUS
8:43.52	JEAN TROY	USA	59.24	M. CUNNINGHAM	AUS	4:31.97	LOIS KIVI NOCHMAN	USA	1:08.37	MICHIKO HAMURO	JPN
9:35.71	EDIE GRUENDER	USA	1:00.85	BARBARA BOLEY	USA	6:32.72	NORA RONAI	BRA	1:09.34	TERU USHIKI	JPN
9:44.61	THELMA BRYAN	AUS	1:01.00	KALIS RASMUSSEN	CAN	100 M.	I.M.		1:09.78	HIDEKO HANADA	JPN
9:51.96	BARBARA OWENS	USA	1:01.36	HANA ENATSU	JPN	1:59.06	M. CUNNINGHAM	AUS	1:11.89	EDITH GLUSAC	USA
13:27.25	TOSHIKO AMANO	JPN	1:02.12	GRE SCHONBERGER	NED	2:03.67	LOIS NOCHMAN	USA	1:14.42	AUDREY ETIENNE	USA
14:54.55	GLORIA STUFFEL	USA	100 M.	BACK		2:06.41	MARGERY MEYER	USA	1:15.24	LILLIAN WARREN	CAN
16:12.47	MARIAN WOLLE	USA	2:04.61	SILVIA CRAVERI	ITA	2:20.68	FLORENCE CARR	USA	1:16.65	JEANNE TURGEON	CAN
*****			2:07.75	ASAKO MANINGO	USA	2:22.36	MURIEL FLYNN	USA	1:16.92	YOSHIKO WATANABE	JPN
*****			2:10.75	LOIS NOCHMAN	USA	2:26.11	MICHELE GUILLAIS	FRA	100 M.	BACK	
*****			2:14.56	KALIS RASMUSSEN	CAN	2:26.68	KIMIE KANAI	JPN	2:11.09	PERSIS RAE	AUS
*****			2:18.86	BARBARA BOLEY	USA	2:26.99	KUMIKO KUBO	JPN	2:21.57	WILLY VAN RYSEL	GBR
*****			2:24.02	DIANA SILVA	USA	2:27.72	KALIS RASMUSSEN	CAN	2:32.83	MICHIKO HAMURO	JPN
*****			2:26.29	GRE SCHONBERGER	NED	2:30.16	MIRIAM TUOVILA	USA	2:33.23	HIDEKO HANADA	JPN
*****			2:26.82	MARIANNA BERKLEY	USA	200 M.	I.M.		2:40.86	EDITH GLUSAC	USA
*****			2:27.28	KAZUE OZAWA	JPN	4:22.29	LOIS NOCHMAN	USA	2:44.99	ANNE WALKER	USA
*****			2:29.16	MAURINE KORNFELD	USA	4:36.03	M. CUNNINGHAM	AUS	2:47.75	LILLIAN WARREN	CAN
*****			200 M.	BACK		5:10.81	KALIS RASMUSSEN	CAN	2:49.57	YOSHIKO WATANABE	JPN
*****			4:28.97	MIDORI KINJO	JPN	5:25.29	NORA RONAI	BRA	3:04.53	KIKU ONO	JPN
*****			4:36.11	LOIS KIVI NOCHMAN	USA	5:48.66	RUTH MANFREDI	USA	3:11.09	BETH HANKS	USA
*****			4:50.91	BARBARA BOLEY	USA	6:10.24	KATH CLAPP	GBR	200 M.	BACK	
*****			4:59.21	KALIS RASMUSSEN	CAN	6:33.06	ANNE POTTIER	FRA	4:41.38	PERSIS RAE	AUS
*****			4:59.46	ELSA DE LEEUW	CAN	6:56.99	VIV BATTEN	GBR	5:04.20	WILLY VAN RYSEL	GBR
*****			5:08.67	MAURINE KORNFELD	USA	7:48.58	CHARLOTTE SANDDAL	USA	5:30.25	EDITH GLUSAC	USA
*****			5:19.70	AGNES ZYDINSKY	USA	7:54.17	AUREA RAMOS	BRA	5:36.07	HIDEKO HANADA	JPN
*****			5:22.85	L.GENOULAZ	FRA	400 M.	I.M.		5:47.44	YOSHIKO WATANABE	JPN
*****			5:23.84	JAN ALLPORT	AUS	9:32.18	LOIS NOCHMAN	USA	5:57.16	ANNE WALKER	USA
*****			5:34.83	KATH CLAPP	GBR	13:36.06	ANNE POTTIER	FRA	6:19.24	KIKU ONO	JPN
*****			50 M.	BRST		19:13.56	ELFIE STEVENIN	USA	6:51.12	BETH HANKS	USA
*****			58.50	MICHELE GUILLAIS	FRA	*****			7:06.47	MASAKO MATSUNO	JPN
*****			1:01.58	LOIS NOCHMAN	USA	*****			8:04.46	ANITA EIFLER	AUS
*****			1:02.41	AGNES PLISSON	FRA	*****			50 M.	BRST	
*****			1:02.51	ELSA DE LEEUW	CAN	*****			1:16.94	PERSIS RAE	AUS
*****			1:02.86	NORA RONAI	BRA	50 M.	FREE		1:17.28	HIROE WAKIYA	JPN
*****			1:03.32	TAZUKO YASUOKA	JPN	49.14	FUSAKO YAMANAKA	JPN	1:19.95	RITA SIMONTON	USA
*****			1:03.97	DORIS MCEWAN	CAN	53.30	RITA SIMONTON	USA	1:20.69	EDITH GLUSAC	USA
*****			1:05.07	M. CUNNINGHAM	AUS	56.60	TERU USHIKI	JPN	1:23.68	ATSUKO YOKOO	JPN
*****			1:05.71	MARGERY MEYER	USA	58.97	CANDIDA GANDOLPHO	BRA	1:24.70	CANDIDA GANDOLPHO	BRA
*****			1:06.43	MIRIAM TUOVILA	USA	59.55	MICHIKO HAMURO	JPN	1:25.30	HELGA BITTER	GER
*****			100 M.	BRST		1:00.88	JOAN GODSALL	AUS	1:37.47	JEANNE TURGEON	CAN
*****			2:14.23	LOIS NOCHMAN	USA	1:01.03	AUDREY ETIENNE	USA	1:41.90	RAE SMIT	RSA
*****			2:19.27	MICHELE GUILLAIS	FRA	1:05.16	LILLIAN WARREN	CAN	1:43.89	LAURA OLIVEIRA	BRA
*****			2:21.49	MURIEL FLYNN	USA	1:06.00	MATSUE IWASAKI	JPN	100 M.	BRST	
*****			2:27.99	MARGERY MEYER	USA	1:06.15	WILLY VAN RYSEL	GBR	2:39.29	MICHIKO HAMURO	JPN
*****			2:29.41	MIRIAM TUOVILA	USA	100 M.	FREE		3:02.66	RITA SIMONTON	USA
*****			2:29.84	SUMIKO YANAGISAWA	JPN	1:58.86	FUSAKO YAMANAKA	JPN	3:17.48	EDITH GLUSAC	USA
*****			2:31.66	M. CUNNINGHAM	AUS	1:59.02	RITA SIMONTON	USA	3:36.23	JEANNE TURGEON	CAN
*****			2:32.94	TAZUKO YASUOKA	JPN	2:11.50	CANDIDA GANDOLPHO	BRA	3:45.00	CARRIE HATSWELL	AUS
*****			2:33.73	NORA RONAI	BRA	2:19.48	TERU USHIKI	JPN	3:53.44	MARY KEMP	AUS
*****			2:35.87	KALIS RASMUSSEN	CAN	2:22.42	LILLIAN WARREN	CAN	4:00.12	EMILY GODSALL	GBR
*****			200 M.	BRST		2:23.44	WILLY VAN RYSEL	GBR	4:03.85	KAY SCHIMPF	USA
*****			5:02.47	LOIS NOCHMAN	USA	2:24.80	MICHIKO HAMURO	JPN	4:21.67	MARY GARTON	AUS
*****			5:03.70	MURIEL FLYNN	USA	2:30.02	JOAN GODSALL	AUS	200 M.	BRST	
*****			5:16.48	MIRIAM TUOVILA	USA	2:31.46	ANNE WALKER	USA	5:41.06	MICHIKO HAMURO	JPN
*****			5:18.53	SUMIKO YANAGISAWA	JPN	2:31.67	YOSHIKO WATANABE	JPN	6:35.78	RITA SIMONTON	USA
*****			5:30.81	M. CUNNINGHAM	AUS	200 M.	FREE		50 M.	FLY	
*****			5:36.49	KALIS RASMUSSEN	CAN	4:12.66	RITA SIMONTON	USA	1:31.13	EDITH GLUSAC	USA



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1:58.65	PAT MATTHIESEN	USA	2:13.84	ROSA SELLARES	ESP	18:03.87	LEE HART	CAN	25.33	ALEXANDER KAHL	GER
2:14.28	JEANNE TURGEON	CAN	4:05.96	ELIZABETH DZIADUS	USA	18:07.36	BRIAN FURLONG	USA	25.34	SHINJI MUNEYASU	JPN
100 M. FLY			50 M. BACK			18:10.48	RJ ROSS	CAN	25.35	JOHAN SETTERBERG	SWE
4:07.71	EDITH GLUSAC	USA	2:04.24	ROSA SELLARES	ESP	18:20.12	ANDREW FARRELL	GBR	25.40	ROBERT KROLL	GER
4:35.49	KIYOMI KITAMURA	JPN	3:36.30	ELIZABETH DZIADUS	USA	18:22.81	BILL LEONARD	CAN	100 M. FLY		
100 M. I.M.			100 M. BACK			50 M. BACK			55.21	ARAKEN MOREIRA	BRA
2:35.09	MICHIKO HAMURO	JPN	4:36.75	ROSA SELLARES	ESP	26.11	TAKAFUMI OISHI	JPN	55.83	SHOTA YAMAGUCHI	JPN
3:08.13	EDITH GLUSAC	USA	200 M. BACK			26.60	TSUYOSHI KITASHIT	JPN	56.12	JOHAN SETTERBERG	SWE
3:09.83	AUDREY ETIENNE	USA	9:37.39	ROSA SELLARES	ESP	26.74	ALEXANDER KAHL	GER	56.15	LEONARDO FRANCA	BRA
3:30.81	OLGA OLAZABAL	PER				26.81	JAROSLAW MAZUREK	POL	56.40	S.KUNZELMANN	GER
3:33.21	KIYOMI KITAMURA	JPN	*****			26.96	SHINGO SEKIGUCHI	JPN	56.45	ADAM CONWAY	USA
100 M. I.M.			*****	WOMEN 100-104		27.09	GREG PLANK	USA	57.20	SHUSAKU TAKENAKA	JPN
5:42.51	RITA SIMONTON	USA	*****	*****		27.13	MAKOTO ICHIJI	JPN	57.25	AUDY OKTAVIAN	USA
*****			*****	*****		27.18	TAKUMA YAMAOKA	JPN	57.25	HIROSHI MURAKAMI	JPN
*****			*****	*****		27.21	JONATHAN AUDIS	GBR	57.76	MARK SHIVERS	CAN
*****			*****	*****		27.23	M.QUAGLIANI	ITA	200 M. FLY		
*****			*****	*****		100 M. BACK			2:04.83	SHOTA YAMAGUCHI	JPN
*****			*****	*****		55.04	STEFAN HERBST	GER	2:09.35	CRAIG PICKERING	USA
*****			*****	*****		55.42	TAKAFUMI OISHI	JPN	2:11.38	BORIS DUTHOY	FRA
*****			*****	*****		56.57	TAKUMA YAMAOKA	JPN	2:11.88	OLIVIER MEURANT	FRA
*****			*****	*****		57.14	SHINYA HAYASHI	JPN	2:12.83	SCOTT AYER	USA
*****			*****	*****		57.28	JONATHAN AUDIS	GBR	2:13.38	JOHNATHAN STONE	GBR
*****			*****	*****		57.50	ALEXANDER KAHL	GER	2:13.85	DANE HARROP	GBR
*****			*****	*****		57.75	SHINGO SEKIGUCHI	JPN	2:13.96	JASON EADDY	USA
*****			*****	*****		58.81	M.QUAGLIANI	ITA	2:15.05	MARCO PELLEGRINI	ITA
*****			*****	*****		59.54	GREG PLANK	USA	2:16.01	TSUTOMU SEKINE	JPN
*****			*****	*****		59.57	JAIME SUMIDA	BRA	100 M. I.M.		
*****			*****	*****		200 M. BACK			57.39	DEAN KENT	NZL
*****			*****	*****		2:01.14	DEAN KENT	NZL	58.14	OLIVER SCHMICH	AUT
*****			*****	*****		2:05.18	ALEXANDER KAHL	GER	58.64	JONATHAN AUDIS	GBR
*****			*****	*****		2:07.45	JONATHAN AUDIS	GBR	59.14	KEITARO HIRAYAMA	JPN
*****			*****	*****		2:08.66	DANE HARROP	GBR	59.31	ALEXANDER KAHL	GER
*****			*****	*****		2:10.29	JAROSLAW MAZUREK	POL	59.37	RYOTA OKADA	JPN
*****			*****	*****		2:10.70	GREG PLANK	USA	59.48	ALESSANDRO BERTI	ITA
*****			*****	*****		2:11.00	C.SHEPPARD	USA	59.52	AUDY OKTAVIAN	USA
*****			*****	*****		2:12.60	M.QUAGLIANI	ITA	59.81	NAOYUKI KOBAYASHI	JPN
*****			*****	*****		2:14.72	D.VANDENDUGGEN	CAN	59.87	SASCHA BOHME	GER
*****			*****	*****		2:15.09	ANTONIO RUS	ESP	200 M. I.M.		
*****			*****	*****		50 M. BRST			2:01.58	DEAN KENT	NZL
*****			*****	*****		27.76	EDUARDO FISCHER	BRA	2:09.76	JONATHAN AUDIS	GBR
*****			*****	*****		28.26	MATTHIAS RUMPF	GER	2:10.38	KEITARO HIRAYAMA	JPN
*****			*****	*****		29.38	UMBERTO RAMELLI	ITA	2:11.77	SASCHA BOHME	GER
*****			*****	*****		29.85	FABIO SILVA	BRA	2:11.87	JULIEN BAILLOD	SUI
*****			*****	*****		29.96	THOMAS HAMMER	GER	2:14.11	BRIAN BRIX	CAN
*****			*****	*****		29.97	OLIVER VINENZETTI	GER	2:14.28	CHRISTOPHE IMBERT	FRA
*****			*****	*****		30.02	OLIVER SCHMICH	AUT	2:14.44	J.POULIN	CAN
*****			*****	*****		30.21	YUSUKE MUTO	JPN	2:14.52	ASUKA KOIZUMI	JPN
*****			*****	*****		30.31	TAKUYA OKAMOTO	JPN	2:14.74	AUDY OKTAVIAN	USA
*****			*****	*****		30.45	M.MICHAELSEN	GER	400 M. I.M.		
*****			*****	*****		100 M. BRST			4:20.94	DEAN KENT	NZL
*****			*****	*****		1:00.28	EDUARDO FISCHER	BRA	4:41.31	CRAIG PICKERING	USA
*****			*****	*****		1:02.31	MATTHIAS RUMPF	GER	4:41.66	YANNICK AGUERA	FRA
*****			*****	*****		1:03.93	UMBERTO RAMELLI	ITA	4:43.74	INGMAR BRAKHAHN	GER
*****			*****	*****		1:04.74	OLIVER VINENZETTI	GER	4:45.40	SASCHA BOHME	GER
*****			*****	*****		1:05.22	AUDY OKTAVIAN	USA	4:51.41	ALESSANDRO ROSSI	ITA
*****			*****	*****		1:06.03	JONATHAN AUDIS	GBR	4:51.43	CARL SHAW	GBR
*****			*****	*****		1:06.04	MARCOS MAFFINI	BRA	4:52.27	DAVID ROELS	BEL
*****			*****	*****		1:06.08	VINCENT FUSIBET	FRA	4:52.72	GUILAUME HAMON	FRA
*****			*****	*****		1:06.16	M.MICHAELSEN	GER	4:53.66	JAMES HOGAN	USA
*****			*****	*****		1:06.29	DEAN KENT	NZL	*****		
*****			*****	*****		200 M. BRST			*****		
*****			*****	*****		2:19.02	FABIO SILVA	BRA	*****		
*****			*****	*****		2:19.76	OLIVER VINENZETTI	GER	*****		
*****			*****	*****		2:22.83	KOICHI SHIMIZU	JPN	*****		
*****			*****	*****		2:23.07	SVEN KRUSE	GER	50 M. FREE		
*****			*****	*****		2:23.73	CARL SHAW	GBR	23.21	BRIAN JACOBSON	USA
*****			*****	*****		2:24.09	SASCHA JANITZKI	GER	23.39	STEPHANE MEYER	FRA
*****			*****	*****		2:25.18	AUDY OKTAVIAN	USA	23.57	KLAUS HUEZ	ITA
*****			*****	*****		2:26.15	MATTHIAS RUMPF	GER	23.60	TYSON YOUNG	AUS
*****			*****	*****		2:26.79	NATHAN DEGIORGIO	CAN	23.67	TROY JOHNSON	USA
*****			*****	*****		2:27.14	DAVID ROELS	BEL	23.79	ANDREW BIRAM	USA
*****			*****	*****		50 M. FLY			23.97	CETIN OGUZ	USA
*****			*****	*****		24.80	ARAKEN MOREIRA	BRA	24.11	KAZUO DOMEKI	JPN
*****			*****	*****		24.84	STEFAN HERBST	GER	24.14	HARUHIKO TAZAWA	JPN
*****			*****	*****		24.84	LEONARDO FRANCA	BRA	24.22	KENTARO NAKAMURA	JPN
*****			*****	*****		24.98	OSWALDO QUEVEDO	USA	24.22	CLAUDIO MOTTA	BRA
*****			*****	*****		25.22	MARK SHIVERS	CAN	100 M. FREE		
*****			*****	*****		25.26	FERNANDO ALVES	BRA	50.65	KLAUS HUEZ	ITA
*****			*****	*****		25.26	FERNANDO ALVES	BRA	51.46	STEPHANE MEYER	FRA



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52.13	R.LOCOCIOLO	ITA	2:10.01	R.LOCOCIOLO	ITA	59.66	TYSON YOUNG	AUS	8:52.74	ROBERTO VENIER	ITA
52.23	BERNIE ZERUHN	USA	2:10.25	CHRYSITIAN GAUVIN	CAN	59.73	R.LOCOCIOLO	ITA	8:55.74	FRED CLATWORTHY	GBR
52.28	CETIN OGUZ	USA	2:12.65	MANUEL FERRIGNO	ITA	59.91	FRANK FLEISCHER	GER	8:58.83	TOSHIKI IMAI	JPN
52.54	DARIO CAPIELLO	ITA	2:12.84	KAZUFUMI SEKIGUCH	JPN	1:00.66	S.SCHUNEMANN	GER	9:01.40	A.LAVEGLIA	ITA
52.85	CURTIS SAWIN	USA	2:13.42	DAVID LOVELACE	AUS	1:00.69	RAFFAELE NOTTE	ITA	9:03.36	JOHN O'KEEFE	USA
53.26	TROY JOHNSON	USA	2:14.02	EMILIANO ASSANDRI	ITA	1:00.81	BRIAN FEHLAU	USA	9:03.40	FRANCIS MAGNAN	FRA
53.43	STEVEN MELLOR	GBR	2:14.54	KEVAN BATES	CAN	200 M.	I.M.		9:06.43	JOOST KUIJLAARS	NED
53.51	HARUHIKO TAZAWA	JPN	50 M.	BRST		2:11.67	JOHANN PAPILLON	FRA	9:08.38	DAVIDE BONADEO	ITA
200 M.	FREE		29.04	RAFFAELE NOTTE	ITA	2:12.67	CHRIS JONES	GBR	9:08.96	FRANK BRAUN	AUS
1:53.69	BERNIE ZERUHN	USA	29.61	HIDEAKI TOGO	JPN	2:12.71	SHIGEO SHIRAIISHI	JPN	1500 M.	FREE	
1:55.52	HIROFUMI NAKAGAWA	JPN	29.63	TYSON YOUNG	AUS	2:13.54	CHRYSITIAN GAUVIN	CAN	16:54.45	FRED CLATWORTHY	GBR
1:56.15	KLAUS HUEZ	ITA	29.85	BRIAN JACOBSON	USA	2:13.71	MATHIAS HAAR	GER	17:28.44	KURT DICKSON	USA
1:56.23	DARIO CAPIELLO	ITA	29.87	CLAUDIO MOTTA	BRA	2:13.81	SIMONE BATTISTON	ITA	17:31.55	JOHN O'KEEFE	USA
1:56.64	ANDREA MARCATO	ITA	29.89	ENNIO FRANCO	ITA	2:13.88	STEPHAN JOE	USA	17:32.05	FRANK BRAUN	AUS
1:57.09	CYRIL CAVAGNA	FRA	29.91	S.SCHUNEMANN	GER	2:14.71	ARNAUD NIVELET	FRA	17:44.06	JORDI VAN ENGELEN	BEL
1:58.30	R.LOCOCIOLO	ITA	30.02	SIMONE BATTISTON	ITA	2:14.78	TAKAYUKI NAKAMURA	JPN	17:44.76	DANNY FINCH	CAN
1:58.38	Y.BURGHGRAEVE	FRA	30.06	NIGEL MASTERS	GBR	2:15.59	BERNIE ZERUHN	USA	17:49.63	BLAIR CHRISTIE	CAN
1:58.83	P.POMINVILLE	CAN	30.20	MARTIN JURCO	GBR	400 M.	I.M.		17:56.90	DALE MERCKER	USA
1:59.16	ERIK SCOLLON	USA	100 M.	BRST		4:41.99	CYRIL CAVAGNA	FRA	17:58.18	MARCUS REINEKE	GER
400 M.	FREE		1:04.65	RAFFAELE NOTTE	ITA	4:43.63	OLIVIER SOURDEVAL	FRA	18:05.65	MICHAEL COLLINS	USA
4:07.95	BERNIE ZERUHN	USA	1:05.11	KENICHIRO TSUKUI	JPN	4:46.63	FABIO AFFRICANO	ITA	50 M.	BACK	
4:08.87	ANDREA MARCATO	ITA	1:05.62	NIGEL MASTERS	GBR	4:47.66	ERIK SCOLLON	USA	27.02	MARTIN HARRIS	NZL
4:10.63	CYRIL CAVAGNA	FRA	1:06.07	MARTIN JURCO	GBR	4:48.51	MATHIAS HAAR	GER	27.30	MARCO ORSINI	ITA
4:11.71	SHIGEO SHIRAIISHI	JPN	1:06.07	SIMONE BATTISTON	ITA	4:49.73	MATT HOOPER	USA	27.41	JEFF WELECHUK	CAN
4:12.29	Y.BURGHGRAEVE	FRA	1:06.43	TETSUO IWAKI	JPN	4:50.63	STEPHAN JOE	USA	27.48	YOSHIHITO NAKAHAR	JPN
4:12.91	CHRYSITIAN GAUVIN	CAN	1:06.45	ENNIO FRANCO	ITA	4:50.87	CHRYSITIAN GAUVIN	CAN	27.69	SHUJI AZUMA	JPN
4:14.60	FABIO AFFRICANO	ITA	1:06.55	STUART NOTMAN	GBR	4:54.95	SIMONE BATTISTON	ITA	27.75	GIUSEPPE TIANO	ITA
4:14.71	CLAUDIO ORIANA	ITA	1:06.60	FRANK FLEISCHER	GER	4:54.98	ANDREA MARCATO	ITA	28.22	NICOLAS MARC	FRA
4:15.18	R.LOCOCIOLO	ITA	1:06.64	TAKASHI HIRAKAWA	JPN	*****			28.23	JAY LOCKABY	USA
4:16.14	MATTEO AMMANNATI	ITA	200 M.	BRST		*****	M E N 35-39		28.44	DEREK MURCHIE	CAN
800 M.	FREE		2:23.34	RAFFAELE NOTTE	ITA	*****			28.61	IAIN TEAZ	GBR
8:34.46	ANTONIO D'ARAI	ITA	2:23.35	SIMONE BATTISTON	ITA	*****			100 M.	BACK	
8:34.69	FABIO AFFRICANO	ITA	2:24.66	NIGEL MASTERS	GBR	50 M.	FREE		58.63	JEFF WELECHUK	CAN
8:41.83	ANDREA MARCATO	ITA	2:25.41	KENICHIRO TSUKUI	JPN	23.50	M.GIALDI	ITA	58.69	MARTIN HARRIS	NZL
8:42.47	CYRIL CAVAGNA	FRA	2:25.58	SCOTT CAMPEA	USA	24.10	JARMIL PRONEK	CZE	59.60	YOSHIHITO NAKAHAR	JPN
8:48.37	OLIVIER VAHE	FRA	2:26.17	STUART NOTMAN	GBR	24.17	JEFF WELECHUK	CAN	59.78	MARCO ORSINI	ITA
8:52.22	MATTEO AMMANNATI	ITA	2:26.21	STEPHAN JOE	USA	24.18	TODD PACE	USA	1:00.19	GIUSEPPE TIANO	ITA
8:53.39	CHRYSITIAN GAUVIN	CAN	2:26.86	ANTONIO CASTORINA	ITA	24.36	CRISTIANO BALDINI	ITA	1:00.86	PATRICK BALDELLI	FRA
9:00.29	YASUYUKI HOSHIKA	JPN	2:28.41	FRANK FLEISCHER	GER	24.38	JOCHEN BRUHA	GER	1:00.98	SHUJI AZUMA	JPN
9:04.41	MARK FORRESTER	GBR	2:28.87	CLAUDE NEMURAT	FRA	24.40	TIMOTHY BOYD	USA	1:01.15	DEREK MURCHIE	CAN
9:07.99	RICHARD ELDER	USA	50 M.	FLY		24.49	NICOLAS MARC	FRA	1:01.48	NICOLAS MARC	FRA
1500 M.	FREE		25.36	HIDEYUKI CHIGIRA	JPN	24.58	TAKAHIRO HATTORI	JPN	1:01.61	ROSS DAVIS	USA
16:35.54	ANDREA MARCATO	ITA	25.41	STEPHANE MEYER	FRA	24.58	OLIVIER FAYOLLE	FRA	200 M.	BACK	
16:36.40	FABIO AFFRICANO	ITA	25.61	DARIO CAPIELLO	ITA	100 M.	FREE		2:06.95	YOSHIHITO NAKAHAR	JPN
17:07.39	DARIO CAPIELLO	ITA	25.64	S.SCHUNEMANN	GER	51.79	M.GIALDI	ITA	2:09.04	JEFF WELECHUK	CAN
17:15.80	MATTEO AMMANNATI	ITA	25.74	BERNIE ZERUHN	USA	52.21	JOCHEN BRUHA	GER	2:12.89	GIUSEPPE TIANO	ITA
17:16.76	C.BATTISTINI	ITA	25.75	EIJI NOMURA	JPN	52.59	MICHAEL ROSS	USA	2:12.98	KURT DICKSON	USA
17:18.68	ANTONIO D'ARAI	ITA	25.76	CURTIS SAWIN	USA	53.09	ALEXIS TODOSKOFF	FRA	2:14.35	ROSS DAVIS	USA
17:37.12	KLAUS HUEZ	ITA	25.77	BRIAN JACOBSON	USA	53.11	ANDREA BORSARI	ITA	2:15.37	JEFF PRIOR	USA
17:40.40	DIEGO TADDEI	ITA	25.87	TOMOHIRO NAKANO	JPN	53.21	KAZUHIKO YAMAKAWA	JPN	2:15.48	PATRICK BALDELLI	FRA
17:41.49	RICHARD ELDER	USA	25.94	MASATERU IKEDA	JPN	53.22	NICOLAS MARC	FRA	2:16.36	STEPHEN SMITH	USA
18:10.09	DEAN ATCHISON	USA	100 M.	FLY		53.24	ROSS DAVIS	USA	2:16.61	DAVIDE MANDELLI	ITA
50 M.	BACK		56.80	DARIO CAPIELLO	ITA	53.37	JEFF WELECHUK	CAN	2:16.63	ALBERTO MONTINI	ITA
26.65	KENTARO NAKAMURA	JPN	56.98	STEPHANE MEYER	FRA	53.38	LORENZO BENUCCI	USA	50 M.	BRST	
27.09	TOSHIKI MIURA	JPN	57.04	DANIEL KARLSSON	SWE	200 M.	FREE		29.23	ANDREA AGOSTINONE	ITA
27.19	DANIEL KARLSSON	SWE	57.35	P.POMINVILLE	CAN	1:54.05	JOCHEN BRUHA	GER	29.90	FABIO CAVALLI	ITA
27.47	STEPHANE MEYER	FRA	57.69	KLAUS HUEZ	ITA	1:56.90	ALEXIS TODOSKOFF	FRA	30.04	CICERO TORTELI	BRA
27.56	CHRYSITIAN GAUVIN	CAN	57.73	BERNIE ZERUHN	USA	1:57.43	LORENZO BENUCCI	USA	30.08	SPINADIN PIANCA	ITA
27.71	LEONARDO GOMES	BRA	57.86	RAZVAN PETCU	USA	1:57.71	ANDREA BORSARI	ITA	30.10	ALBERTO MONTINI	ITA
27.83	RINTARO KIHARA	JPN	58.00	R.LOCOCIOLO	ITA	1:57.85	JEFF WELECHUK	CAN	30.15	EITA TSUMURA	JPN
27.83	JOHANN PAPILLON	FRA	58.37	ED WAGNER	USA	1:58.16	M.GIALDI	ITA	30.44	YOZO FUJII	JPN
27.85	ANDREAS DENCKER	SWE	58.63	PIERRE RABAT	FRA	1:58.30	STEPHEN SMITH	USA	30.47	ALESSANDRO VISINI	ITA
28.09	TAKASHI SASAKI	JPN	200 M.	FLY		1:58.77	ALBERTO MONTINI	ITA	30.54	JONATHAN BANVILLE	USA
100 M.	BACK		2:09.03	BERNIE ZERUHN	USA	1:59.21	ROSS DAVIS	USA	30.56	HAJIME MORIMOTO	JPN
57.11	KENTARO NAKAMURA	JPN	2:09.56	ANDREA MARCATO	ITA	1:59.35	SANDRO HEREK	BRA	30.56	SILIO FABBRINI	ITA
58.85	C.BATTISTINI	ITA	2:09.68	P.POMINVILLE	CAN	400 M.	FREE		100 M.	BRST	
59.06	JOHANN PAPILLON	FRA	2:10.39	PIERRE RABAT	FRA	4:10.89	ALEXIS TODOSKOFF	FRA	1:05.34	ALBERTO MONTINI	ITA
59.23	DANIEL KARLSSON	SWE	2:11.59	JUSTIN WELBOURN	CAN	4:14.77	MARK MAGEE	USA	1:05.66	ANDREA AGOSTINONE	ITA
59.54	CHRIS JONES	GBR	2:12.08	ERIK SCOLLON	USA	4:16.16	ROSS DAVIS	USA	1:06.17	EITA TSUMURA	JPN
59.54	DAVID JONCOURT	FRA	2:12.53	RAFFAELLO CLAVARI	ITA	4:16.45	HIROYUKI NAKAMURA	JPN	1:06.42	LORENZO BENUCCI	USA
59.83	CHRYSITIAN GAUVIN	CAN	2:12.73	JOHN TOMLIN	GBR	4:16.75	ALBERTO MONTINI	ITA	1:06.45	JONATHAN BANVILLE	USA
1:00.20	PETER MOORE	USA	2:12.91	GIUSEPPE BANDINU	ITA	4:17.34	FRED CLATWORTHY	GBR	1:06.52	HAJIME MORIMOTO	JPN
1:00.26	KAZUFUMI SEKIGUCH	JPN	2:14.58	R.LOCOCIOLO	ITA	4:19.26	KURT DICKSON	USA	1:06.67	CICERO TORTELI	BRA
1:00.28	R.LOCOCIOLO	ITA	100 M.	I.M.		4:19.27	LORENZO BENUCCI	USA	1:07.08	SEAN FRAMPTON	USA
200 M.	BACK		58.38	BRIAN JACOBSON	USA	4:19.70	PATRICK BRUNDAGE	USA	1:07.28	ROQUE SANTOS	USA
2:06.42	JOHANN PAPILLON	FRA	58.54	JONATHAN CHURINS	USA	4:19.73	M.GIALDI	ITA	1:07.41	YAMATO TAKAHASHI	JPN
2:09.82	FABIO AFFRICANO	ITA	59.39	DANIEL KARLSSON	SWE	800 M.	FREE		200 M.	BRST	
2:09.90	CHRIS JONES	GBR	59.42	STEPHANE MEYER	FRA	8:42.58	ALEXIS TODOSKOFF	FRA	2:20.99	ALBERTO MONTINI	ITA



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M E N 40-44		200 M. FLY	
2:24.48	JONATHAN BANVILLE USA	29.52	N.LECHEVALIER FRA
2:24.58	ROQUE SANTOS USA	100 M. BACK	2:06.48 DENNIS BAKER USA
2:28.33	MICHAEL HELMSOTH GER	59.91 HIROYOSHI MAETOGE JPN	2:08.48 MIKE SHAFFER USA
2:29.00	SEAN FRAMPTON USA	1:00.46 PETER MCKINNON CAN	2:15.85 DAMIANO NANETTI ITA
2:29.91	MATTHEW KINNEY USA	1:00.90 CLAY BRITT USA	2:18.49 DETLEV MAAS GER
2:31.11	MARCEL SCHOLTEN GBR	1:01.69 CRAIG NORREY SUI	2:18.68 STEVEN STOTHERS CAN
2:31.71	SVEN GRUNERT GER	1:01.77 MICHEL POU FRA	2:18.95 MICHAEL SCHMIDT USA
2:31.86	MARCUS REINEKE GER	1:01.85 THOMAS DOCKHORN GER	2:21.09 JONATHAN OLSEN USA
2:32.74	ARTHUR BOYKO USA	1:02.13 LEN GUSHE CAN	2:21.27 PETER RAINY AUS
50 M. FLY		1:02.50 PAOLO FELOTTI ITA	2:21.32 DOUG WILLIAMSON USA
25.23	BRIAN ALDERMAN USA	1:02.56 N.LECHEVALIER FRA	2:21.87 PABLO CONDE CAN
25.66	KAZUHIKO YAMAKAWA JPN	1:03.27 MATT BUTLER CAN	100 M. I.M.
25.74	MICHAEL ROSS USA	200 M. BACK	1:00.80 MARCEL EKKELEBOOM GER
25.93	HIROSHI MIURA JPN	2:10.73 LEN GUSHE CAN	1:00.90 HARTMUT BERNER GER
26.14	BARRY SARETSKY CAN	2:13.48 N.LECHEVALIER FRA	1:01.88 JOAKIM SJOHOLM SWE
26.23	SHINTARO NAGASAKI JPN	2:13.93 PETER MCKINNON CAN	1:02.54 PEDRO HERNANDEZ PUR
26.32	STEVE HILTABIDDLE USA	2:14.77 EDWIN VAN NORDEN NED	1:02.68 GABRIELE MAINI ITA
26.48	KEITH DENNISON USA	2:15.37 WOJTECH BLECHAR GER	1:02.85 CYRO DELGADO BRA
26.58	HARUNORI UCHIBORI JPN	2:15.93 MIKE SHAFFER USA	1:02.90 ROSTISLAV SLECHTA CZE
26.60	OLIVIER FAYOLLE FRA	2:17.90 DAVE TOWN CAN	1:02.92 MICHAEL BRETT GBR
100 M. FLY		2:20.27 RICHARD PEASE USA	1:02.96 GILLES DESCHENES CAN
56.91	MICHAEL ROSS USA	2:20.63 PAOLO CARMINATI ITA	1:02.98 J.ANDRE MELLADO FRA
57.01	HIROYUKI NAKAMURA JPN	2:21.10 BRAD ROBY USA	200 M. I.M.
57.94	KAZUHIKO YAMAKAWA JPN	50 M. BRST	2:15.75 LEN GUSHE CAN
58.02	ANDREA TOJA ITA	30.16 PEDRO HERNANDEZ PUR	2:16.00 DAVE TOWN CAN
58.17	BARRY SARETSKY CAN	30.55 PER NORLIN SWE	2:16.41 J.ANDRE MELLADO FRA
58.32	JOHN O'KEEFE USA	30.64 MARCO BOBBIO ITA	2:17.28 DIRK MARSHALL USA
58.54	STEVE HILTABIDDLE USA	31.05 M.WILLIAMSON CAN	2:17.64 MARK STORI USA
58.61	JEFF PRIOR USA	31.26 KAZUHIKO MINAKAWA JPN	2:17.83 WOJTECH BLECHAR GER
58.91	ROSS DAVIS USA	31.27 TADASHI FUJIMOTO JPN	2:17.92 GILLES DESCHENES CAN
58.91	KEITH DENNISON USA	31.32 THOMAS LIGL GER	2:20.16 NEWTON KAMINSKI BRA
58.91	HANS NILSSON SWE	31.32 J.ANDRE MELLADO FRA	2:20.30 SCOTT ROBINSON USA
200 M. FLY		31.39 VITOR CORDEIRO BRA	2:20.82 GLENN DIXON USA
2:08.16	HIROYUKI NAKAMURA JPN	31.53 DEAN PUTTERMAN USA	400 M. I.M.
2:11.22	JOHN O'KEEFE USA	100 M. BRST	4:44.38 DENNIS BAKER USA
2:11.40	MARK MAGEE USA	1:06.51 PEDRO HERNANDEZ PUR	4:47.16 MIKE SHAFFER USA
2:13.40	MARCELO F.CRUZ BRA	1:07.78 THOMAS LIGL GER	4:47.23 LEN GUSHE CAN
2:14.90	OLIVIER GALLET FRA	1:08.66 M.WILLIAMSON CAN	4:48.90 WOJTECH BLECHAR GER
2:15.82	RAUL ANDRADE BRA	1:09.01 TADASHI FUJIMOTO JPN	4:51.25 PAOLO CARMINATI ITA
2:16.39	ALBERTO MONTINI ITA	1:09.06 DEAN PUTTERMAN USA	4:51.81 DAVE TOWN CAN
2:16.85	ROSS DAVIS USA	1:09.71 STEVEN CRYER GBR	4:52.20 A.TIBERTI ITA
2:16.85	BARRY SARETSKY CAN	1:09.82 ANDREAS DIEHL GER	4:56.73 J.ANDRE MELLADO FRA
2:17.33	DANNY FINCH CAN	1:09.85 STEPHANE MILETTE CAN	4:56.85 MARK STORI USA
100 M. I.M.		1:10.05 NEWTON KAMINSKI BRA	4:58.68 ANDERS RASMUSSEN USA
1:00.05	LORENZO BENUCCI USA	1:10.50 MARK STORI USA	
1:00.35	KAZUHIKO YAMAKAWA JPN	200 M. BRST	*****
1:00.45	NORIYUKI KAGAMI JPN	2:30.71 THOMAS KIPP GER	M E N 45-49
1:00.70	JEFF WELECHUK CAN	2:30.74 J.ANDRE MELLADO FRA	*****
1:00.72	BARRY SARETSKY CAN	2:30.83 PAOLO CARMINATI ITA	50 M. FREE
1:00.88	JOCHEN BRUHA GER	2:30.89 STEVEN CRYER GBR	24.08 BRENT BARNES JPN
1:00.94	JEFF PRIOR USA	2:31.06 THOMAS LIGL GER	24.80 LARRY FORSYTH AUS
1:01.01	ALBERTO MONTINI ITA	2:32.04 DEAN PUTTERMAN USA	25.22 MARCO COLOMBO ITA
1:01.06	HAJIME MORIMOTO JPN	2:32.53 DAVE TOWN CAN	25.25 ALBERT BOONSTRA NED
1:01.06	MARCO ORSINI ITA	2:33.15 M.WILLIAMSON CAN	25.32 STEVE WOOD USA
200 M. I.M.		2:34.13 STEPHANE MILETTE CAN	25.41 BRUNO SOULAS FRA
2:09.92	LORENZO BENUCCI USA	2:37.38 MARK STORI USA	25.43 GREGG SANDERS USA
2:11.06	ALBERTO MONTINI ITA	50 M. FLY	25.46 KEITH BERRYHILL USA
2:12.47	ROQUE SANTOS USA	25.13 HARTMUT BERNER GER	25.60 JAMES HOBBSLEY GBR
2:14.36	STEPHEN SMITH USA	25.90 CHUCK PONTHER USA	25.68 FRITZ LEHMAN USA
2:15.13	MARK MAGEE USA	26.02 GABRIELE MAINI ITA	100 M. FREE
2:15.92	HARUNORI UCHIBORI JPN	26.57 FABIO MARCHESI ITA	53.04 MARCO COLOMBO ITA
2:16.31	DANNY FINCH CAN	26.61 MARCEL EKKELEBOOM GER	53.61 BRENT BARNES JPN
2:17.21	BARRY SARETSKY CAN	26.61 RICARDO SANTOS BRA	54.47 LARRY FORSYTH AUS
2:17.36	SHUJI AZUMA JPN	26.79 DIRK MARSHALL USA	55.18 DMITRI KHODKO RUS
2:17.61	JONATHAN BANVILLE USA	26.91 JOAKIM SJOHOLM SWE	55.86 BRUNO SOULAS FRA
400 M. I.M.		26.94 LAURENT NEUVILLE FRA	56.35 KLAUS SPRANZ GER
4:43.45	LORENZO BENUCCI USA	26.98 MARK NOETZEL USA	56.45 GUY DAVIS GBR
4:44.30	MARK MAGEE USA	100 M. FLY	56.65 MARKUS REINHARDT GER
4:44.95	ROQUE SANTOS USA	56.62 HARTMUT BERNER GER	56.82 KEITH BERRYHILL USA
4:47.23	YOSHIIHITO NAKAHAR JPN	57.56 MARCEL EKKELEBOOM GER	57.04 ALBERT BOONSTRA NED
4:47.27	JEFF PRIOR USA	58.25 MIKE SHAFFER USA	200 M. FREE
4:48.51	ALBERTO MONTINI ITA	59.23 RICARDO SANTOS BRA	1:57.74 MARCO COLOMBO ITA
4:49.69	PATRICK BRUNDAGE USA	59.42 PAUL YELLE CAN	1:58.55 MARCUS MATTIOLI BRA
4:50.86	DANNY FINCH CAN	1:00.10 ROSTISLAV SLECHTA CZE	2:02.33 FRANK CHRISTIAN AUS
4:51.57	STEPHEN SMITH USA	1:00.21 STEVEN STOTHERS CAN	2:02.80 ERIC EMINENTE FRA
4:52.16	PHILLIP KING USA	1:00.22 DAVE TOWN CAN	2:03.99 SIMON VEALE GBR
*****		1:00.23 LAURENT NEUVILLE FRA	2:04.29 MARKUS REINHARDT GER
		1:00.24 HENRY STEWART USA	2:04.41 MARK DRENNEN USA



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

2:05.81	ROD CRAIG	CAN	32.14	ALAN THOMSON	GBR	2:22.19	DARIUSZ WOLNY	POL	18:59.50	BARRY ROTH	USA
2:06.28	WILHELM HEMPEL	IRL	32.23	DAN FILGIANO	CAN	2:22.20	MICHAL BARES	CZE	19:00.56	TONY MORRIS	IRL
2:06.31	TOM GREENWOOD	GBR	32.29	GREGORY OXLEY	USA	400 M. I.M.			19:05.66	JACK MARTIN	USA
2:06.31	KEITH BERRYHILL	USA	100 M. BRST			4:52.80	LINCOLN DJANG	USA	19:10.35	LEE MENCH	USA
4:08.93	MARCUS MATTIOLI	BRA	1:08.40	JON BLANK	USA	4:59.97	MARK DRENNEN	USA	19:17.86	DAVID KING	AUS
4:20.85	MARK DRENNEN	USA	1:08.80	A.O'DRISCOLL	GBR	5:05.21	DAVID CARTLEDGE	GBR	50 M. BACK		
4:22.18	FRANK CHRISTIAN	AUS	1:08.90	DAVID GUTHRIE	USA	5:05.90	MARK SMEDLEY	AUS	29.42	JOHN VAN BUUREN	CAN
4:27.31	KEITH BERRYHILL	USA	1:09.21	DOUG MALCOLM	USA	5:07.38	BUZZ HARPER	USA	29.67	V.GALAVTINE	FRA
4:27.75	TIM ERICKSON	USA	1:09.61	RONNY OLTNER	SWE	5:08.27	KLAUS SPRANZ	GER	30.16	PHILIPP DJANG	USA
4:28.18	PASCAL MERCURI	FRA	1:10.32	GERHARD AMMER	GER	5:08.95	STEVEN CZEKALA	USA	30.33	CHRISTIAN PIERRAT	FRA
4:28.14	SIMON VEALE	GBR	1:10.72	OLIVIER BORIOS	FRA	5:09.13	WIESLAW MUSIAL	CAN	30.45	GREG SHAW	USA
4:28.67	DJAN MADRUGA	BRA	1:10.97	JERRY DAWSON	USA	5:09.72	ROLF ARNOLD	GER	30.57	RICK ABBOTT	USA
4:28.94	MARKUS REINHARDT	GER	1:11.56	ROMAIN HUGOT	FRA	5:10.77	PAT ALLENDER	USA	30.76	DONALD GRAHAM	USA
4:29.48	FERNANDO GALLUD	USA	1:11.62	BENN DOYLE	USA				31.06	GEOFF MYKLEBY	USA
800 M. FREE			200 M. BRST						31.28	DAVE WILKIN	CAN
8:59.81	MARK DRENNEN	USA	2:30.33	DAVID GUTHRIE	USA				31.33	CHRISTOPHER BROWN	GBR
9:07.88	FRANK CHRISTIAN	AUS	2:32.29	JON BLANK	USA				100 M. BACK		
9:19.55	PASCAL MERCURI	FRA	2:34.83	DAVID CARTLEDGE	GBR				1:04.47	PHILIPP DJANG	USA
9:23.11	PHILIP HUBBLE	AUS	2:37.10	BARRY O'BRIEN	GBR	25.14	BARRY ROTH	USA	1:04.52	JOHN VAN BUUREN	CAN
9:24.06	FERNANDO GALLUD	USA	2:37.56	PAT ALLENDER	USA	25.27	JACK GROSELLE	USA	1:06.52	GREG SHAW	USA
9:24.49	STEVEN CZEKALA	USA	2:38.61	A.O'DRISCOLL	GBR	25.43	LARRY KRAUSER	USA	1:07.07	CHARLES LEMAISTRE	USA
9:26.42	TIM ERICKSON	USA	2:38.83	MARK DRENNEN	USA	25.60	ROSS CLARKE	AUS	1:07.43	DONALD GRAHAM	USA
9:29.21	MARK JONES	GBR	2:39.35	MARK SMEDLEY	AUS	25.62	RICK ABBOTT	USA	1:07.76	CHRISTIAN PIERRAT	FRA
9:29.22	ROD CRAIG	CAN	2:39.39	ANDREW BRENNAN	USA	25.67	ALEXANDER MILLS	GBR	1:07.81	ETTORE BOSCHETTI	ITA
9:32.57	HUGO BREGMAN	NED	2:39.51	DOUG VANDERBY	CAN	25.73	JOHN VAN BUUREN	CAN	1:08.11	ERIC VAN BOER	USA
1500 M. FREE			50 M. FLY			25.78	ERIC VAN BOER	USA	1:08.35	WES EDWARDS	USA
17:23.76	MARK DRENNEN	USA	26.99	PAUL CARTER	USA	25.91	RICARDO DAVIS	BRA	1:08.64	CHRISTOPHER BROWN	GBR
17:25.27	FRANK CHRISTIAN	AUS	27.09	MARIO LLORET	ESP	26.03	GREG SHAW	USA	200 M. BACK		
17:34.40	SIMON VEALE	GBR	27.46	WILLIAM SPECHT	USA	100 M. FREE			2:20.01	PHILIPP DJANG	USA
17:52.47	STEVEN CZEKALA	USA	27.46	MARCO COLOMBO	ITA	55.95	ALEXANDER MILLS	GBR	2:26.48	ETTORE BOSCHETTI	ITA
18:00.53	ROD CRAIG	CAN	27.47	FRANK WASKO	USA	55.95	JOHN VAN BUUREN	CAN	2:28.31	THOMAS BLISS	USA
18:00.57	TIM ERICKSON	USA	27.53	JOHN GRZESZCZAK	USA	56.85	LARRY KRAUSER	USA	2:30.93	WES EDWARDS	USA
18:01.95	JOHN MORALES	USA	27.57	JERRY DAWSON	USA	57.03	JACK GROSELLE	USA	2:33.29	MIROSLAW WARCHOL	POL
18:13.37	HUGO BREGMAN	NED	27.62	GREG PRICE	RSA	57.10	BRADFORD GANDEE	USA	2:35.00	DONALD GRAHAM	USA
18:15.30	KEITH BERRYHILL	USA	27.82	ROBERT GOLDBLOOM	USA	57.20	BARRY ROTH	USA	2:35.23	FRANCK MAGE	FRA
18:17.82	MARK JONES	GBR	28.06	JAMES BALLARD	USA	57.26	CHARLES LEMAISTRE	USA	2:35.45	CHRISTOPHER BROWN	GBR
50 M. BACK			100 M. FLY			57.32	ROSS CLARKE	AUS	2:35.65	ALAIN VANACKER	FRA
27.99	STEVE WOOD	USA	59.24	PAUL CARTER	USA	57.49	RICARDO DAVIS	BRA	2:36.87	JOHN NIXON	USA
28.73	HIROSHI SHIBUYA	JPN	59.66	WILLIAM SPECHT	USA	57.71	PHIL DODSON	USA	50 M. BRST		
28.86	MARCO COLOMBO	ITA	1:01.40	Fritz Lehman	USA	200 M. FREE			32.24	ALEXANDER MILLS	GBR
29.28	GIANNI BERTOLI	ITA	1:01.60	ERIC EMINENT	FRA	2:05.07	BRADFORD GANDEE	USA	32.75	THOMAS PAEHR	GER
29.52	DARIUSZ WOLNY	POL	1:02.27	WIESLAW MUSIAL	CAN	2:06.31	CHARLES LEMAISTRE	USA	32.78	MARCO STENTELLA	ITA
29.57	MARIO LLORET	ESP	1:02.38	JOHN MORALES	USA	2:06.84	RICK ABBOTT	USA	32.95	NEVILLE BARTON	GBR
29.58	WILLIAM SPECHT	USA	1:03.13	FABIO BRUTTO	ITA	2:07.49	LEE MENCH	USA	33.16	ROBERT WEYHENKE	NED
29.61	WIESLAW MUSIAL	CAN	1:03.28	GIANNI BERTOLI	ITA	2:07.55	J.CLAUDE CHATARD	FRA	33.64	JACK GROSELLE	USA
29.69	JAMES BALLARD	USA	1:03.34	SIMON VEALE	GBR	2:08.34	PHIL DODSON	USA	33.82	HARTMUT HUMMEL	GER
29.70	Fritz Lehman	USA	1:03.42	HIDEAKI HOSODA	JPN	2:09.02	BARRY ROTH	USA	33.84	GRAHAM PEARSON	GBR
100 M. BACK			200 M. FLY			2:09.04	FRANCK MAGE	FRA	33.86	MARK WUSSLER	USA
1:01.60	MARCO COLOMBO	ITA	2:11.43	WILLIAM SPECHT	USA	2:09.54	DAVE DICKSON	CAN	33.90	HIROFUMI MORIMOTO	JPN
1:01.74	Fritz Lehman	USA	2:12.36	MARCUS MATTIOLI	BRA	2:09.67	LARRY WOOD	USA	100 M. BRST		
1:02.80	WIESLAW MUSIAL	CAN	2:18.88	FRANK CHRISTIAN	AUS	400 M. FREE			1:12.75	THOMAS PAEHR	GER
1:03.47	WILLIAM SPECHT	USA	2:19.28	KAZUKI YUZAWA	JPN	4:32.57	J.CLAUDE CHATARD	FRA	1:13.26	UWE KUSSATZ	GER
1:03.49	GIANNI BERTOLI	ITA	2:23.16	FABIO BRUTTO	ITA	4:32.63	LARRY KRAUSER	USA	1:14.15	NEVILLE BARTON	GBR
1:03.83	MARIO LLORET	ESP	2:25.47	MARC BEAU	FRA	4:33.50	LEE MENCH	USA	1:14.40	BERRY HAMILTON	USA
1:03.85	HIROSHI SHIBUYA	JPN	2:26.06	WIESLAW MUSIAL	CAN	4:37.21	BRADFORD GANDEE	USA	1:14.49	PETER HRDLITSCHKA	CAN
1:03.92	DARIUSZ WOLNY	POL	2:26.28	JOHN MORALES	USA	4:37.57	PHIL DODSON	USA	1:14.65	ROBERT BROWN	USA
1:04.17	SHAWN O'GORMAN	USA	2:28.03	ROB ARNOLD	GBR	4:39.68	G.SCARAMEL	ITA	1:15.23	GRAHAM PEARSON	GBR
1:04.69	STEVE WOOD	USA	2:28.13	STEVEN CZEKALA	USA	4:40.82	ALEXANDER MILLS	GBR	1:15.38	MARK WUSSLER	USA
200 M. BACK			100 M. I.M.			4:41.44	LARRY WOOD	USA	1:15.38	HIROFUMI MORIMOTO	JPN
2:12.27	WIESLAW MUSIAL	CAN	1:02.47	Fritz Lehman	USA	4:41.61	FRANCK MAGE	FRA	1:15.40	MARK TAYLOR	AUS
2:13.42	DJAN MADRUGA	BRA	1:03.38	JERRY DAWSON	USA	4:42.27	JOHN NEEDHAM	USA	200 M. BRST		
2:17.11	DARIUSZ WOLNY	POL	1:03.55	MARIO LLORET	ESP	800 M. FREE			2:40.78	ROBERT WEYHENKE	NED
2:18.86	SHAWN O'GORMAN	USA	1:03.80	DMITRI KHODKO	RUS	9:29.60	J.CLAUDE CHATARD	FRA	2:42.14	THOMAS PAEHR	GER
2:19.29	HIROSHI SHIBUYA	JPN	1:03.81	KLAUS SPRANZ	GER	9:31.93	LARRY KRAUSER	USA	2:43.04	ROBERT BROWN	USA
2:20.44	WILLIAM SPECHT	USA	1:03.98	STEVE WOOD	USA	9:39.59	SCOTT LAUTMAN	USA	2:44.26	GRAHAM PEARSON	GBR
2:21.57	BUZZ HARPER	USA	1:04.37	SALVATORE NANIA	ITA	9:42.79	G.SCARAMEL	ITA	2:44.37	BERRY HAMILTON	USA
2:22.61	GIANNI BERTOLI	ITA	1:04.45	PAUL CARTER	USA	9:49.66	JOEL KRIGER	BRA	2:44.81	PETER HRDLITSCHKA	CAN
2:22.74	ALAN GODFREY	AUS	1:04.46	SIMON VEALE	GBR	9:51.18	RICHARD PHILLIPS	USA	2:45.97	MARK TAYLOR	AUS
2:24.50	DAVID CARTLEDGE	GBR	1:04.56	RONNY OLTNER	SWE	9:52.68	JACK MARTIN	USA	2:45.98	MARK WUSSLER	USA
50 M. BRST			200 M. I.M.			9:55.51	LARRY WOOD	USA	2:47.00	CLAUDIO BERRINI	ITA
28.07	GREG PRICE	RSA	2:18.40	MARCUS MATTIOLI	BRA	9:59.00	CLAUDIO BERRINI	ITA	2:47.83	JOHN TEMPLIN	USA
31.13	RONNY OLTNER	SWE	2:18.76	KLAUS SPRANZ	GER	10:02.16	TIM BUCKLEY	USA	50 M. FLY		
31.35	OLIVIER BORIOS	FRA	2:19.63	SIMON VEALE	GBR	1500 M. FREE			27.12	GREG SHAW	USA
31.67	DAVID GUTHRIE	USA	2:19.98	DAVID CARTLEDGE	GBR	18:13.30	LARRY KRAUSER	USA	27.40	DONALD GRAHAM	USA
31.91	DOUG MALCOLM	USA	2:20.61	WIESLAW MUSIAL	CAN	18:27.30	LARRY WOOD	USA	27.40	JOHN VAN BUUREN	CAN
31.97	MAGUNS FALTMAN	SWE	2:20.62	DJAN MADRUGA	BRA	18:34.25	GREG BUSH	AUS	27.52	RICK ABBOTT	USA
32.05	ALBERT BOONSTRA	NED	2:20.96	MARK SMEDLEY	AUS	18:48.29	JOHN NEEDHAM	USA	27.84	KEVIN MCCORMACK	USA
			2:22.08	RONNY OLTNER	SWE	18:54.42	RICHARD PHILLIPS	USA	28.20	DAVE WILKIN	CAN



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28.40	IAN WALLWORK	GBR	1:00.29	JAMES DE LACY	USA	2:37.85	FRANK WARNER	USA	1:08.64	RON ARMSTRONG	CAN
28.49	DON MEHL	USA	1:00.34	STEVE HECK	USA	2:38.18	JEAN LESTIDEAU	FRA	1:08.69	STEVE HECK	USA
28.59	LEONARD BIELICZ	SWE	1:00.37	GLENN WOODSUM	USA	2:38.93	WILLIAM TINGLEY	USA	1:09.65	JIM CLEMMONS	USA
28.61	ERNST DENZER	GER	1:00.81	HOMER LANE	USA	2:40.18	PATRICE LEHOUCQ	FRA	1:10.73	BRUCE MOHL	USA
100 M. FLY			1:01.17	TERRY DOWNES	RSA	2:40.57	JOSE LORO	BRA	1:11.06	KIERAN KELLEHER	USA
1:00.32	GREG SHAW	USA	1:01.38	GRAHAM CROFT	AUS	2:40.59	STEVE HECK	USA	200 M. I.M.		
1:00.82	JOHN VAN BUUREN	CAN	1:01.40	JOHN WYNBERG	AUS	50 M. BRST			2:26.70	JAMES MCCONICA	USA
1:01.64	SCOTT LAUTMAN	USA	200 M. FREE			33.03	C.STARZEC	FRA	2:30.83	TAKEO HIRAMOTO	JPN
1:03.00	KEVIN MCCORMACK	USA	2:03.64	JAMES MCCONICA	USA	33.75	ROBERT STRAND	USA	2:32.44	JIM CLEMMONS	USA
1:03.34	ROBERT HANSEN	USA	2:11.86	JIM CLEMMONS	USA	33.77	TOSHIHARU FUJII	JPN	2:32.46	STEVE HECK	USA
1:03.49	UWE KUSSATZ	GER	2:13.52	RICK WALKER	USA	34.54	JOHN LIRON	GBR	2:34.54	C.STARZEC	FRA
1:04.35	DAVE DICKSON	CAN	2:16.26	JAMES DE LACY	USA	34.57	ALLEN STARK	USA	2:35.08	RON ARMSTRONG	CAN
1:04.47	DONALD GRAHAM	USA	2:16.80	STEVE HECK	USA	34.62	GEORGE SCHMIDT	USA	2:35.41	MIKE MORROW	CAN
1:04.75	STEVEN GREGG	USA	2:16.89	RON ARMSTRONG	CAN	34.71	SATOSHI HAYASHI	JPN	2:36.01	JEAN LESTIDEAU	FRA
1:05.08	IAN WALLWORK	GBR	2:17.75	GRAHAM CROFT	AUS	34.80	ROBERT STODDART	CAN	2:38.15	ANDREW MC PHERSON	USA
200 M. FLY			2:17.78	TAKEO HIRAMOTO	JPN	35.16	YOSHITADA MAEDA	JPN	2:39.27	DOUGLAS MILLER	USA
2:20.02	SCOTT LAUTMAN	USA	2:18.88	BRUCE MOHL	USA	35.23	TAKEO HIRAMOTO	JPN	400 M. I.M.		
2:32.63	PHIL DODSON	USA	2:19.08	BRUNO VENZA	ITA	100 M. BRST			5:08.15	JAMES MCCONICA	USA
2:33.04	PATRICK BERGER	FRA	400 M. FREE			1:13.54	C.STARZEC	FRA	5:14.10	JIM CLEMMONS	USA
2:33.18	DAVE DICKSON	CAN	4:25.64	JAMES MCCONICA	USA	1:14.15	ROBERT STRAND	USA	5:26.62	MIKE MORROW	CAN
2:35.67	BOB DITOLLA	USA	4:37.93	JIM CLEMMONS	USA	1:15.25	TOSHIHARU FUJII	JPN	5:35.10	DOUGLAS MILLER	USA
2:38.16	GEORGE JACOBSON	CAN	4:52.20	RICK WALKER	USA	1:15.87	TAKEO HIRAMOTO	JPN	5:35.65	RON ARMSTRONG	CAN
2:38.44	FRANK MCINTYRE	USA	4:52.51	TERRY DOWNES	RSA	1:16.06	ALLEN STARK	USA	5:36.72	JEAN LESTIDEAU	FRA
2:38.48	THOMAS BLISS	USA	4:52.64	STEVE HECK	USA	1:17.05	RICK WALKER	USA	5:42.50	D.UIJTENBOGAART	NED
2:39.41	JOEL KRIGER	BRA	4:54.20	D.UIJTENBOGAART	NED	1:17.53	STEVE HECK	USA	5:47.74	TED LEOVICH	USA
2:39.66	PETER GUADAGNI	USA	4:55.35	GLENN GRUBER	USA	1:17.78	ROBERT STODDART	CAN	5:54.27	PATRICK DEVINE	AUS
100 M. I.M.			4:58.36	MIKE MORROW	CAN	1:18.07	SATOSHI HAYASHI	JPN	5:57.16	MICHAEL FOX	USA
1:03.61	JOHN VAN BUUREN	CAN	4:59.28	FRANK MCELROY	USA	1:18.11	JIM CLEMMONS	USA			
1:04.63	ROBERT WEYHENKE	NED	5:00.07	DOUGLAS MILLER	USA	200 M. BRST			*****		
1:05.25	JACK GROSELLE	USA	800 M. FREE			2:44.15	ROBERT STRAND	USA		M E N 60-64	
1:05.65	RICK ABBOTT	USA	9:04.02	JAMES MCCONICA	USA	2:46.29	JIM CLEMMONS	USA	*****		
1:05.77	UWE KUSSATZ	GER	9:33.29	JIM CLEMMONS	USA	2:46.29	TAKEO HIRAMOTO	JPN	50 M. FREE		
1:06.03	DONALD GRAHAM	USA	9:42.09	RICK WALKER	USA	2:46.68	C.STARZEC	FRA	27.04	IAN SMITH	CAN
1:06.50	PHILIPP DJANG	USA	9:56.62	D.UIJTENBOGAART	NED	2:48.73	MIKE MORROW	CAN	27.07	VINUS VAN BAALEN	USA
1:06.68	BILL ADKISON	USA	10:18.42	MIKE MORROW	CAN	2:50.30	ALLEN STARK	USA	27.50	JOSE FERRAZ	BRA
1:07.04	CHARLES LEMAISTRE	USA	10:22.32	HOMER LANE	USA	2:51.21	STEVE HECK	USA	27.60	RUDOLF SMERDA	CZE
1:07.49	BARRY ROTH	USA	10:33.39	GLENN GRUBER	USA	2:52.21	RICK WALKER	USA	27.78	JAMES DRAGON	USA
200 M. I.M.			10:42.15	GERRY TUCKER	AUS	2:53.52	JOHN DERR	USA	27.92	ALAIN CARDONA	FRA
2:21.49	ROBERT WEYHENKE	NED	10:42.87	FRED BAIRD	USA	2:54.93	ROBERT STODDART	CAN	28.04	DAVID QUIGGIN	USA
2:22.01	TOM REUDY	USA	10:46.77	PAUL MCCLINTOCK	USA	50 M. FLY			28.26	ROBERT SMITH	USA
2:23.28	GREG SHAW	USA	1500 M. FREE			29.05	C.STARZEC	FRA	28.35	R.JACOBBERGER	USA
2:26.01	PHILIPP DJANG	USA	17:14.15	JAMES MCCONICA	USA	29.15	ERIC HENDERSON	GBR	28.35	NILS WAHLBERG	SWE
2:26.22	RICK ABBOTT	USA	18:02.40	JIM CLEMMONS	USA	29.28	STEVE HECK	USA	100 M. FREE		
2:26.96	ALEXANDER MILLS	GBR	18:58.53	D.UIJTENBOGAART	NED	29.42	GEORGE SCHMIDT	USA	1:00.77	DAVID QUIGGIN	USA
2:27.06	THOMAS BLISS	USA	19:06.39	JAMES MCCLEERY	USA	29.72	KENJI NAKAMATSU	JPN	1:01.05	DUNCAN MCCREADIE	GBR
2:28.73	JAMES KEMP	USA	20:19.96	BOB BRUCE	USA	29.74	ANDREW MC PHERSON	USA	1:02.06	IAN SMITH	CAN
2:29.20	BILL ADKISON	USA	20:23.38	ANDY WILSON	GBR	29.84	FRED BAIRD	USA	1:02.10	RUDOLF SMERDA	CZE
2:29.99	DONALD GRAHAM	USA	20:27.81	FRED BAIRD	USA	29.87	HORST LEHMANN	GER	1:02.43	RICHARD BURNS	USA
400 M. I.M.			20:28.53	FRANK MCELROY	USA	30.02	JAMES DE LACY	USA	1:02.70	RICHARD ARLUCK	USA
5:20.13	ROBERT HANSEN	USA	20:29.60	BRIAN MURPHY	USA	30.04	RUDY VAZMINA	USA	1:02.78	VINUS VAN BAALEN	USA
5:28.43	JOHN TEMPLIN	USA	20:49.48	JOHN WHALEN	CAN	100 M. FLY			1:02.82	JOSE FERRAZ	BRA
5:29.70	G.SCARAMEL	ITA	50 M. BACK			1:04.37	ERIC HENDERSON	GBR	1:03.87	TONY CHERRINGTON	GBR
5:29.71	DAVE DICKSON	CAN	30.70	HUGH WILDER	USA	1:04.55	C.STARZEC	FRA	1:03.90	BOB LORD	GBR
5:31.56	MARK TAYLOR	AUS	30.96	TAKEO HIRAMOTO	JPN	1:07.09	WOLFGANG HOPP	GER	200 M. FREE		
5:35.27	BEN VAN GENT	NED	32.03	JOSE LORO	BRA	1:07.61	FRED BAIRD	USA	2:12.18	JOHN CALVERT	USA
5:36.18	BILL ADKISON	USA	32.36	JEAN LESTIDEAU	FRA	1:07.70	KIERAN KELLEHER	USA	2:12.40	DUNCAN MCCREADIE	GBR
5:36.88	RICHARD PHILLIPS	USA	32.66	GEORGE SCHMIDT	USA	1:07.82	JIM CLEMMONS	USA	2:19.27	VITTORIO ERMIRIO	ITA
5:37.84	LARRY KRAUSER	USA	32.77	WILLIAM TINGLEY	USA	1:08.15	ANDREW MC PHERSON	USA	2:19.49	DAVID QUIGGIN	USA
5:38.52	PHIL DODSON	USA	33.06	PETER O'BRIEN	CAN	1:08.18	STEVE HECK	USA	2:20.10	TOM LANDIS	USA
			33.08	SPENCER MORTENSEN	USA	1:08.92	DOUGLAS MILLER	USA	2:20.36	DON DAVIS	USA
*****			33.21	ANDREW MC PHERSON	USA	1:09.25	HORST LEHMANN	GER	2:21.92	JEAN CLAUDE FAURE	FRA
			33.32	FRANK WARNER	USA	200 M. FLY			2:22.64	GUIDO BAUDI	ITA
M E N 55-59			100 M. BACK			2:22.13	JAMES MCCONICA	USA	2:24.33	RICHARD SMITH	USA
*****			1:09.64	TAKEO HIRAMOTO	JPN	2:33.27	DOUGLAS MILLER	USA	2:24.71	JOACHIM HINTZE	GER
50 M. FREE			1:09.71	HUGH WILDER	USA	2:33.74	JIM CLEMMONS	USA	400 M. FREE		
26.64	R.DOBBELMANN	FRA	1:09.76	PETER O'BRIEN	CAN	2:46.26	D.UIJTENBOGAART	NED	4:43.69	JOHN CALVERT	USA
26.89	GEORGE SCHMIDT	USA	1:10.71	GEORGE SCHMIDT	USA	2:47.20	FRED BAIRD	USA	4:44.30	DUNCAN MCCREADIE	GBR
27.06	JOHN LIRON	GBR	1:10.95	JEAN LESTIDEAU	FRA	2:49.73	BOB KOLONKOWSKI	USA	4:56.07	DON DAVIS	USA
27.06	JAMES DE LACY	USA	1:11.41	DICK THOMAS	USA	2:51.20	CLAUS KOCH	CAN	4:56.26	VITTORIO ERMIRIO	ITA
27.11	ANDREW MC PHERSON	USA	1:11.46	JOSE LORO	BRA	2:51.95	FRANK MCELROY	USA	5:05.00	RUDOLF SMERDA	CZE
27.16	HOMER LANE	USA	1:11.50	WILLIAM TINGLEY	USA	2:52.46	STEVE HECK	USA	5:06.42	RICHARD SMITH	USA
27.17	FUMIO SHIGENO	JPN	1:13.15	SPENCER MORTENSEN	USA	2:52.53	PAULO MOTTA	BRA	5:06.91	JOACHIM HINTZE	GER
27.39	GLENN WOODSUM	USA	1:13.48	FRANK WARNER	USA	100 M. I.M.			5:07.31	SANDY GALLETLY	GBR
27.39	JOHN WYNBERG	AUS	200 M. BACK			1:07.54	C.STARZEC	FRA	5:07.41	JEAN CLAUDE FAURE	FRA
27.47	ALAN BROWN	AUS	2:20.59	JAMES MCCONICA	USA	1:07.62	GEORGE SCHMIDT	USA	5:07.61	GUIDO BAUDI	ITA
58.90	DAVID OATES	USA	2:32.44	HUGH WILDER	USA	1:07.90	JAMES MCCONICA	USA	800 M. FREE		
59.83	JIM CLEMMONS	USA	2:36.73	MIKE MORROW	CAN	1:08.29	TAKEO HIRAMOTO	JPN	9:43.83	DUNCAN MCCREADIE	GBR
59.88	GEORGE SCHMIDT	USA	2:36.95	TAKEO HIRAMOTO	JPN	1:08.32	ROBERT STRAND	USA	9:58.02	VITTORIO ERMIRIO	ITA



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10:28.70	JEAN CLAUDE FAURE	FRA	3:01.89	MIKE FRESHLEY	USA	28.54	PETER BERGENGREN	SWE	1:18.03	KARL DONOGHUE	CAN
10:32.04	JOACHIM HINTZE	GER	3:02.13	P.NANNI	ITA	28.86	TOM ANGELL	USA	1:18.47	FRANS VAN ENST	NED
10:36.58	MICHAEL MCCOLLY	USA	3:03.73	KOJI IWAMOTO	JPN	28.90	WILLIAM LETCH	GBR	1:20.58	ALAN JACKSON	GBR
10:39.54	SANDY GALLETLY	GBR	3:04.12	SYLVIO RIBEIRO	BRA	29.58	MASATO YOSHINO	JPN	1:21.03	TOM VERTH	CAN
10:42.22	SUETAKA SAWADA	JPN	3:04.72	RAINER OPITZ	GER	29.61	TOM VERTH	CAN	1:22.51	ADU HEWELCKE	GER
10:42.84	TOM LANDIS	USA	3:04.80	H.MULLER	GER	29.64	CHITOSHI KONISHI	JPN	1:23.08	HANS-PETER WEDLER	GER
10:44.34	RICHARD SMITH	USA	3:05.60	ERIK HAITES	CAN	29.69	COLIN MAYRHOFER	FRA	1:23.35	TAISUKE MIYAZAKI	JPN
10:51.20	TONY PEARCE	GBR	50 M. FLY			29.73	RYOZO NAKAMURA	JPN	1:23.43	GARY NICHOLLS	AUS
1500 M. FREE			29.33	JIM DRAGON	USA	29.74	JOHN TENNANT	GBR	1:24.30	JOAQUIN CANALES	ESP
18:54.83	DUNCAN MCCREADIE	GBR	29.51	JOSEF CLARET	ESP	29.77	TSUTOMU EBIHARA	JPN	1:24.34	MOTOHISA HIROSE	JPN
19:24.99	VITTORIO ERMIRIO	ITA	30.39	SCOTT GUTHRIE	USA	100 M. FREE			200 M. BACK		
20:12.99	RICHARD SMITH	USA	30.45	TOMOYASU IIDA	JPN	1:04.66	PETER BERGENGREN	SWE	2:45.56	GARY CHASE	USA
20:25.90	SUETAKA SAWADA	JPN	30.63	KOJI IWAMOTO	JPN	1:05.45	MASATO YOSHINO	JPN	2:52.11	KARL DONOGHUE	CAN
20:29.91	SANDY GALLETLY	GBR	30.85	DAVID QUIGGIN	USA	1:05.65	IAN MCLEAN	GBR	2:53.17	MIKLOS KOVATS	HUN
20:41.96	TONY CHERRINGTON	GBR	30.86	JACK ILIFF	USA	1:05.85	WILLIAM LETCH	GBR	2:55.40	FRANS VAN ENST	NED
20:49.88	DAVID QUIGGIN	USA	30.86	NILS WAHLBERG	SWE	1:06.52	KARL DONOGHUE	CAN	2:55.54	ALAN JACKSON	GBR
20:53.26	LARRY RAFFAELLI	USA	30.92	BERND SCHRODER	GER	1:06.54	COLIN MAYRHOFER	FRA	3:00.42	ADU HEWELCKE	GER
20:54.22	ERIC ANDERSON	USA	30.94	IAN SMITH	CAN	1:06.57	TOM VERTH	CAN	3:01.29	TAISUKE MIYAZAKI	JPN
21:12.66	TONY PEARCE	GBR	100 M. FLY			1:06.80	JERRY CLARK	USA	3:02.97	NIGEL SALSBURY	GBR
50 M. BACK			1:07.86	JOSEF CLARET	ESP	1:06.83	YOSHIKI AOKI	JPN	3:03.72	GARY NICHOLLS	AUS
32.23	ROBERT SMITH	USA	1:09.24	KOJI IWAMOTO	JPN	1:07.13	HELMUT RICHTER	GER	3:04.17	E.NODENSCHNEIDER	FRA
32.59	VINUS VAN BAALLEN	USA	1:09.41	DEREK PARR	GBR	1:07.13	CHITOSHI KONISHI	JPN	50 M. BRST		
32.83	RICHARD BURNS	USA	1:11.04	TOMOYASU IIDA	JPN	200 M. FREE			36.32	EGON HENNINGER	GER
33.09	JOSEF CSIKANY	HUN	1:12.21	BERND SCHRODER	GER	2:27.72	MASATO YOSHINO	JPN	37.69	YOSHIKI AOKI	JPN
33.49	RICHARD ALEXANDER	USA	1:12.78	RICHARD BURNS	USA	2:27.76	FABRIZIO MOMONI	ITA	37.87	MASATERU ISA	JPN
33.66	LUIZ FIGUEIREDO	BRA	1:13.96	YOICHI AOKI	JPN	2:27.86	IAN MCLEAN	GBR	37.95	TONY GOODWIN	AUS
33.98	HIROSHI NONAKA	JPN	1:14.73	RICHARD ALEXANDER	USA	2:29.95	WILLIAM LETCH	GBR	38.16	TATSUO ASAI	JPN
34.13	TONY CHERRINGTON	GBR	1:15.13	JEAN CLAUDE FAURE	FRA	2:30.01	RAYMOND STOKES	GBR	38.16	RINALDO FERREIRA	BRA
34.39	LUCIEN GAUCHE	FRA	1:15.35	JOACHIM HINTZE	GER	2:30.33	FRANK WILLIAMS	USA	38.33	GARY CHASE	USA
34.70	KOJI IWAMOTO	JPN	200 M. FLY			2:32.10	KARL DONOGHUE	CAN	38.34	KAZUYA NISHINO	JPN
100 M. BACK			2:37.79	DEREK PARR	GBR	2:32.23	HELMUT RICHTER	GER	38.55	HANS REICHELT	GER
1:12.35	ROBERT SMITH	USA	2:47.17	KOJI IWAMOTO	JPN	2:33.54	NIC GEERS	NED	38.61	KARL WIEDAMANN	USA
1:12.99	RICHARD BURNS	USA	2:52.22	VICTOR PAUL	AUS	2:33.58	YOSHIKI AOKI	JPN	100 M. BRST		
1:14.95	LUCIEN GAUCHE	FRA	3:00.10	RUDOLF SMERDA	CZE	400 M. FREE			1:22.23	YOSHIKI AOKI	JPN
1:15.43	YOSHIKATSU SAWADA	JPN	3:02.61	MIKE FRESHLEY	USA	5:16.89	RAYMOND STOKES	GBR	1:23.21	TONY GOODWIN	AUS
1:15.45	BOB LORD	GBR	3:03.23	ROB HANOU	NED	5:18.00	FABRIZIO MOMONI	ITA	1:24.92	KARL WIEDAMANN	USA
1:15.45	RICHARD ALEXANDER	USA	3:06.08	JOHN GRAHAM	USA	5:22.35	IAN MCLEAN	GBR	1:25.07	HANS REICHELT	GER
1:16.49	JAN SODERSTROM	USA	3:11.43	BRYAN FINLAY	CAN	5:27.04	KARL DONOGHUE	CAN	1:25.10	MASARU SHINKAI	JPN
1:16.75	LUIZ FIGUEIREDO	BRA	3:12.97	FERDINANDO ORENGO	ITA	5:28.68	FRANK WILLIAMS	USA	1:25.91	MICHAEL MOLONEY	AUS
1:16.85	BERND HORSTMANN	GER	3:14.60	HENRI VIDIL	FRA	5:32.59	NIC GEERS	NED	1:25.97	TATSUO ASAI	JPN
1:17.48	DUNCAN MCCREADIE	GBR	100 M. I.M.			5:33.99	MICK MARSHALL	GBR	1:26.17	HIROSHIGE TAKEMAS	JPN
200 M. BACK			1:12.37	KOJI IWAMOTO	JPN	5:37.56	ISAO NAKAMOTO	JPN	1:26.28	EGON HENNINGER	GER
2:30.96	JOHN CALVERT	USA	1:12.49	DUNCAN MCCREADIE	GBR	5:45.85	NOBUYOSHI MIYAMOT	JPN	1:26.50	JOACHIM SCHULZE	GER
2:37.23	JOSEF CSIKANY	HUN	1:12.75	BOB LORD	GBR	5:45.95	YUTAKA KAWAHARA	JPN	200 M. BRST		
2:42.89	DUNCAN MCCREADIE	GBR	1:13.85	RICHARD BURNS	USA	800 M. FREE			2:59.55	YOSHIKI AOKI	JPN
2:43.60	MICHAEL MCCOLLY	USA	1:14.00	BENGT OLSSON	SWE	11:05.82	RAYMOND STOKES	GBR	3:02.75	MICHAEL MOLONEY	AUS
2:45.22	RICHARD BURNS	USA	1:14.30	MIKE FRESHLEY	USA	11:15.41	KARL DONOGHUE	CAN	3:02.81	HANS REICHELT	GER
2:48.15	P.NANNI	ITA	1:14.30	RUDOLF SMERDA	CZE	11:23.38	MICK MARSHALL	GBR	3:07.30	TONY GOODWIN	AUS
2:48.20	LUCIEN GAUCHE	FRA	1:14.37	HIROSHI NONAKA	JPN	11:32.06	FRANK WILLIAMS	USA	3:09.43	KEITH INGRAM	GBR
2:48.54	YOSHIKATSU SAWADA	JPN	1:14.50	P.NANNI	ITA	11:37.54	ERNIE LESKOVITZ	USA	3:11.82	KARL WIEDAMANN	USA
2:48.60	BERND HORSTMANN	GER	1:14.51	ROBERT SMITH	USA	11:45.63	YASUSHI YAMAGUCHI	JPN	3:11.83	MASARU SHINKAI	JPN
2:49.00	RICHARD TODD	USA	200 M. I.M.			11:46.27	NIC GEERS	NED	3:13.04	JOACHIM SCHULZE	GER
50 M. BRST			2:30.48	JOHN CALVERT	USA	11:48.67	GUIDO MARINELLI	ITA	3:13.93	P.WERMELSKIRCHEN	GER
34.91	OSAMU MAEDA	JPN	2:35.12	DUNCAN MCCREADIE	GBR	11:54.69	G.LUIGI VERGA	ITA	3:14.44	CHRISTIAN THIESS	AUS
35.02	SCOTT GUTHRIE	USA	2:42.86	BOB LORD	GBR	11:56.54	HANS LINDSTROM	SWE	50 M. FLY		
35.18	KENNETH FROST JR	USA	2:45.27	KUNIHIRO IWASAKI	JPN	1500 M. FREE			31.39	CHITOSHI KONISHI	JPN
35.56	DIETER HOFEL	GER	2:45.93	DAVID QUIGGIN	USA	21:41.05	FRANK WILLIAMS	USA	32.06	BERT PETERSEN	USA
35.58	LOUIS KRONFELD	USA	2:46.24	MICHAEL MCCOLLY	USA	22:10.89	MICK MARSHALL	GBR	32.16	GEORGES KOESSLER	FRA
36.37	SYLVIO RIBEIRO	BRA	2:46.90	RICHARD BURNS	USA	22:10.98	IAN MCLEAN	GBR	32.56	HIROSHI MATSUMOTO	JPN
36.46	JIM DRAGON	USA	2:48.13	RICHARD SMITH	USA	22:13.83	RAYMOND STOKES	GBR	32.57	JOHN TENNANT	GBR
36.55	JUNJI KANERO	JPN	2:48.60	MIKE FRESHLEY	USA	22:25.61	YASUSHI YAMAGUCHI	JPN	32.70	FRANK WILLIAMS	USA
36.79	SHINJI OMIGAWA	JPN	2:49.01	P.NANNI	ITA	22:38.28	ERNIE LESKOVITZ	USA	32.78	JOAQUIN CANALES	ESP
36.91	ANTONIO ORSELLI	BRA	400 M. I.M.			22:48.13	ANDREW ELCOCK	GBR	32.87	TSUTOMU EBIHARA	JPN
100 M. BRST			5:42.86	DUNCAN MCCREADIE	GBR	23:39.42	DAVID LEGALLAIS	CAN	32.94	MICHAEL DANIELL	GBR
1:18.35	KENNETH FROST JR	USA	5:53.78	JACK ILIFF	USA	23:44.87	RIKIO NAGANAWA	JPN	33.00	MITSUYA KANESAKA	JPN
1:19.44	DIETER HOFEL	GER	5:57.05	MICHAEL MCCOLLY	USA	23:45.84	JOHN PUGH	AUS	100 M. FLY		
1:19.87	SHINJI OMIGAWA	JPN	6:00.78	EDWARD CAZALET	USA	50 M. BACK			1:12.41	CHITOSHI KONISHI	JPN
1:21.80	LOUIS KRONFELD	USA	6:02.13	VICTOR PAUL	AUS	33.90	GARY CHASE	USA	1:14.91	TAISUKE MIYAZAKI	JPN
1:21.86	OSAMU MAEDA	JPN	6:03.23	KUNIHIRO IWASAKI	JPN	34.43	FRANS VAN ENST	NED	1:16.63	WILLIAM LETCH	GBR
1:21.92	ROB HANOU	NED	6:05.90	MIKE FRESHLEY	USA	34.71	KARL DONOGHUE	CAN	1:18.84	MICHAEL DANIELL	GBR
1:22.12	RAINER OPITZ	GER	6:06.88	ROB HANOU	NED	35.72	JOAQUIN CANALES	ESP	1:19.11	FRANK WILLIAMS	USA
1:22.37	SCOTT GUTHRIE	USA	6:08.77	RICHARD SMITH	USA	35.88	MIKLOS KOVATS	HUN	1:19.38	JOAQUIN CANALES	ESP
1:22.48	ERIK HAITES	CAN	6:12.02	TONY PEARCE	GBR	36.16	KOICHI SATO	JPN	1:20.44	TADA0 SATO	JPN
1:22.88	RICHARD TODD	USA				36.22	HELMUT RICHTER	GER	1:20.90	DAVID CUMMING	GBR
200 M. BRST						36.30	JOHN LAKE	GBR	1:20.94	WOLFGANG SIEBER	GER
2:56.94	KENNETH FROST JR	USA				36.31	ERIC FORSLUND	SWE	1:22.25	TADASHI IWAMOTO	JPN
2:59.93	ROB HANOU	NED				36.44	PETER BERGENGREN	SWE	200 M. FLY		
3:00.30	RICHARD TODD	USA	50 M. FREE			100 M. BACK			2:48.78	RICHARD KITCHELL	USA



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29:21.86	GRANT JEFFREY	CAN	43.75	SHIGERU KAMATA	JPN	1:29.10	JURGEN SCHMIDT	USA	4:06.10	TED ROACH	CAN
29:38.35	WAYNE CLEGERN	USA	100 M.	FLY		1:29.56	MASATO HOSHI	JPN	4:07.62	KAIZO WATANABE	JPN
50 M.	BACK		1:37.68	TOSHIMASA MINAMI	JPN	1:31.57	KEVIN VICKERY	AUS	50 M.	BRST	
41.31	SHOICHI SHIDA	JPN	1:43.63	ROBERT MCDONALD	USA	200 M.	FREE		41.42	TOSHIO TAJIMA	JPN
41.39	HORACE KNOWLTON	USA	1:44.22	MINORU NAGASHIMA	JPN	3:00.21	KARL HAUTER	GER	44.26	YOSHINORI KAWABAT	JPN
42.10	NORIO HAYASHI	JPN	1:45.46	MIKE TORSNEY	CAN	3:00.86	FRANK PIEMME	USA	45.52	WATARU ASAOKA	JPN
43.20	DALE WEBSTER	USA	1:46.47	BRUNELLO GRAJA	ITA	3:07.37	JIRO KOBAYASHI	JPN	45.78	FRANK PIEMME	USA
43.32	ZENJI NAKAHARI	JPN	1:48.38	GORDON GILLIN	USA	3:11.45	JAN ZIEGLER	CZE	46.50	JAN ZIEGLER	CZE
43.80	KEN KIMBALL	USA	1:49.44	AKIRA ITO	JPN	3:16.19	JURGEN SCHMIDT	USA	47.56	SADAYUKI WAKAI	JPN
44.31	HIROKICHI SAKURAG	JPN	2:04.72	KEN MCKAY	GBR	3:19.45	ROBERT BLAKE	USA	50.24	LUDWIG GEBURZI	GER
44.36	ROD BAKER	AUS	2:06.11	TAMAS BOROSSY	SWE	3:24.07	MASATO HOSHI	JPN	50.39	BRUNO HAMPEL	GER
44.36	ALLAN ANDERSSON	SWE	2:06.38	SIDNEY SALEK	NZL	3:26.85	THOMAS MAINE	USA	51.13	ROLF STOCKHAUSEN	GER
44.85	YUJI SUZUKI	JPN	200 M.	FLY		3:27.32	KEVIN VICKERY	AUS	52.08	RON ELGAR	AUS
100 M.	BACK		3:42.68	TOSHIMASA MINAMI	JPN	3:28.37	NOBUMASA YAMASAKI	JPN	100 M.	BRST	
1:31.58	HORACE KNOWLTON	USA	4:03.19	BRUNELLO GRAJA	ITA	400 M.	FREE		1:36.91	KARL HAUTER	GER
1:37.67	NORIO HAYASHI	JPN	4:09.02	GORDON GILLIN	USA	6:38.17	JAN ZIEGLER	CZE	1:39.85	TOSHIO TAJIMA	JPN
1:39.34	DUANE DRAVES	USA	4:18.05	MIKE TORSNEY	CAN	6:38.23	FRANK PIEMME	USA	1:42.05	FRANK PIEMME	USA
1:39.36	DALE WEBSTER	USA	4:53.77	HARVEY PROSSER	USA	6:47.71	JURGEN SCHMIDT	USA	1:45.93	WATARU ASAOKA	JPN
1:41.12	KEN KIMBALL	USA	5:04.43	BILL WALKER	AUS	7:21.46	LEE ARTH	USA	1:50.13	MAX VAN GELDER	NED
1:43.23	SHIGERU KAMATA	JPN	5:21.12	GENE SAPPER	USA	7:41.06	ROBERT BLAKE	USA	1:52.67	H.REITEMEYER	JPN
1:43.30	HIROKICHI SAKURAG	JPN	5:24.19	DONALD HUBBARD	USA	7:47.90	JAMES EDWARDS	USA	1:53.11	KOSAKU ASADA	JPN
1:44.00	FUMIHIRO YANAGISA	JPN	5:42.47	ROBERT CURR	GBR	7:58.74	TED ROACH	CAN	1:55.14	TED ROACH	CAN
1:44.22	YOSHINORI KAWAMOT	JPN	100 M.	I.M.		8:02.88	JACK TRUBY	USA	1:56.24	JACQUES AMYOT	CAN
1:44.71	ROBERT CHIALVA	FRA	1:29.21	CHARLES BALDWIN	USA	8:03.49	SEITA INAYOSHI	JPN	1:58.11	LUDWIG GEBURZI	GER
200 M.	BACK		1:30.48	SHOICHI SHIDA	JPN	8:04.54	MINORU FUKUI	JPN	200 M.	BRST	
3:23.92	HORACE KNOWLTON	USA	1:32.05	ZENJI NAKAHARI	JPN	800 M.	FREE		3:40.73	KARL HAUTER	GER
3:26.94	PAUL KIELL	USA	1:34.00	HORACE KNOWLTON	USA	13:41.19	FRANK PIEMME	USA	3:47.87	FRANK PIEMME	USA
3:32.93	NORIO HAYASHI	JPN	1:34.11	YUJI SUZUKI	JPN	14:14.46	JURGEN SCHMIDT	USA	4:00.80	WATARU ASAOKA	JPN
3:36.02	FERENC LATIN	HUN	1:34.53	ERICH NEUMANN	GER	14:37.33	HIROSHI IMAIZUMI	JPN	4:03.29	THOMAS MAINE	USA
3:36.39	ZENJI NAKAHARI	JPN	1:34.99	FRED LEIPZIGER	USA	14:55.36	LEE ARTH	USA	4:08.42	TED ROACH	CAN
3:43.99	DALE WEBSTER	USA	1:35.01	ROBERT MCDONALD	USA	15:43.23	MASATO HOSHI	JPN	4:20.78	JOHN DAVIS	GBR
3:48.26	DUANE DRAVES	USA	1:37.95	SHIGERU KAMATA	JPN	15:51.87	ROBERT BLAKE	USA	4:26.17	SEITA INAYOSHI	JPN
3:50.26	ROBERT CHIALVA	FRA	1:38.51	LUCJAN PRZADO	POL	16:10.00	TED ROACH	CAN	4:26.88	ISAO FUNAMOTO	JPN
3:53.33	FUMIHIRO YANAGISA	JPN	200 M.	I.M.		17:28.91	H BOONE JR	USA	4:27.35	DENZO WAKAYAMA	JPN
3:55.69	BRUNELLO GRAJA	ITA	3:30.82	HORACE KNOWLTON	USA	18:35.26	ALEXANDRE MOUTTET	FRA	4:27.68	ALDO MANFROI	BRA
50 M.	BRST		3:35.03	YUJI SUZUKI	JPN	18:59.30	DOUG STRONG	USA	50 M.	FLY	
42.75	ERICH NEUMANN	GER	3:46.43	GORDON GILLIN	USA	1500 M.	FREE		40.24	FRANK PIEMME	USA
43.00	CHARLES BALDWIN	USA	3:50.40	HIROKICHI SAKURAG	JPN	27:03.64	JURGEN SCHMIDT	USA	40.25	TOSHIO TAJIMA	JPN
43.11	ZENJI NAKAHARI	JPN	3:50.88	AKIRA ITO	JPN	27:33.43	HIROSHI IMAIZUMI	JPN	42.50	JAN ZIEGLER	CZE
43.43	GERHARD GIERA	GER	3:53.54	SIDNEY SALEK	NZL	27:56.50	LEE ARTH	USA	50.20	PAUL HUTINGER	USA
43.80	CHARLIE URSTADT	USA	3:58.56	DALE WEBSTER	USA	30:42.73	TED ROACH	CAN	50.60	HIROSHI IMAIZUMI	JPN
43.93	JOST ROSENCRANZ	GER	4:00.24	KEN MCKAY	GBR	31:07.50	GILBERT YOUNG	USA	52.26	LUDWIG GEBURZI	GER
44.05	MILTON MARKS	USA	4:00.68	FRANK MANHEIM	USA	32:43.82	CALVIN BARNES	USA	52.81	JURGEN SCHMIDT	USA
44.35	IWAO YAMAMOTO	JPN	4:04.00	MIKE TORSNEY	CAN	33:22.66	VESTER BOONE	USA	53.31	TED ROACH	CAN
44.56	ROBERT MCDONALD	USA	400 M.	I.M.		35:10.63	OLE LARSON	USA	54.97	JACQUES AMYOT	CAN
44.66	LUCJAN PRZADO	POL	7:47.43	HORACE KNOWLTON	USA	35:21.31	R.BRIESEMEISTER	USA	55.27	ATTILIO CHIODO	ITA
100 M.	BRST		7:47.90	BRUNELLO GRAJA	ITA	38:02.14	DOUG STRONG	USA	100 M.	FLY	
1:32.85	ERICH NEUMANN	GER	8:27.97	MILTON MARKS	USA	50 M.	BACK		1:36.53	KARL HAUTER	GER
1:36.26	ZENJI NAKAHARI	JPN	8:39.77	LUCJAN PRZADO	POL	38.31	KEIJIRO NAKAMURA	JPN	1:41.82	JAN ZIEGLER	CZE
1:36.39	CHARLES BALDWIN	USA	8:44.58	HARVEY PROSSER	USA	44.62	PAUL HUTINGER	USA	1:47.17	FRANK PIEMME	USA
1:36.82	ROBERT MCDONALD	USA	9:20.59	HIROYUKI MURAMATS	JPN	44.69	ALDACYR HILL	BRA	1:49.51	THOMAS MAINE	USA
1:39.36	TADASU MATSUOKA	JPN	9:31.43	DONALD HUBBARD	USA	45.00	MAX VAN GELDER	NED	1:58.26	NOBUMASA YAMASAKI	JPN
1:39.89	BRUNELLO GRAJA	ITA	10:11.31	ROBERT RISLEY	USA	45.34	FRANK PIEMME	USA	2:02.17	PAUL HUTINGER	USA
1:41.92	MILTON MARKS	USA	10:37.46	WILLIAM CANNON	USA	45.50	JAN ZIEGLER	CZE	2:06.57	TED ROACH	CAN
1:42.04	MITSUO NISHIZAWA	JPN	10:41.15	ROBERT CURR	GBR	45.99	ANTON BIEDERMANN	BRA	2:07.61	LEE ARTH	USA
1:42.63	IWAO YAMAMOTO	JPN				46.21	GENNOSUKE SHIMOMO	JPN	2:17.49	HIRONARI UEDA	JPN
1:43.21	MAROTO NISHIURA	JPN	*****	*****		48.29	KEVIN VICKERY	AUS	2:20.29	GEORGE STEWART	AUS
200 M.	BRST			M E N 80-84		48.33	KAIZO WATANABE	JPN	200 M.	FLY	
3:32.66	ERICH NEUMANN	GER	*****	*****		100 M.	BACK		4:37.61	PAUL HUTINGER	USA
3:34.55	ZENJI NAKAHARI	JPN	50 M.	FREE		1:26.16	KEIJIRO NAKAMURA	JPN	4:44.45	LEE ARTH	USA
3:34.95	ROBERT MCDONALD	USA	32.80	FRANK PIEMME	USA	1:35.25	JAN ZIEGLER	CZE	5:06.43	HIRONARI UEDA	JPN
3:47.76	JOHN MONNE	CAN	33.55	KEIJIRO NAKAMURA	JPN	1:41.02	GENNOSUKE SHIMOMO	JPN	6:02.59	GEORGE STEWART	AUS
3:56.59	MILTON MARKS	USA	35.31	TOSHIO TAJIMA	JPN	1:42.14	PAUL HUTINGER	USA	7:29.50	JAY CHARLES	USA
3:59.20	KENNETH FLYNN	USA	36.01	MAX VAN GELDER	NED	1:44.67	ALDACYR HILL	BRA	7:43.65	KENJIRO KAKEI	JPN
4:04.67	FRED LEIPZIGER	USA	36.32	JIRO KOBAYASHI	JPN	1:45.22	ANTON BIEDERMANN	BRA	10:03.31	DOUG STRONG	USA
4:06.29	MITSUO NISHIZAWA	JPN	36.50	MOTOSHIGE OSHIMA	JPN	1:46.26	NILS KLING	SWE	100 M.	I.M.	
4:07.54	JAMES GREEN	GBR	36.63	HIROSHI IMAIZUMI	JPN	1:49.03	JOHN DAVIS	GBR	1:32.25	KARL HAUTER	GER
4:07.70	DAN GRUENDER	USA	36.72	ATTILIO CHIODO	ITA	1:51.79	H.REITEMEYER	GER	1:32.65	FRANK PIEMME	USA
50 M.	FLY		36.77	R.DAVID HALIMI	FRA	1:51.81	KAIZO WATANABE	JPN	1:34.69	JAN ZIEGLER	CZE
38.70	CHARLES BALDWIN	USA	37.78	JURGEN SCHMIDT	USA	200 M.	BACK		1:40.07	MAX VAN GELDER	NED
38.70	FUMIO EGAMI	JPN	100 M.	FREE		3:32.87	KARL HAUTER	GER	1:42.52	HIROSHI IMAIZUMI	JPN
40.05	HAL BEGEL	USA	1:17.02	FRANK PIEMME	USA	3:41.92	GENNOSUKE SHIMOMO	JPN	1:45.05	SADAYUKI WAKAI	JPN
41.00	TAMON YOSHIDA	JPN	1:20.97	KARL HAUTER	GER	3:49.74	PAUL HUTINGER	USA	1:45.87	NOBUMASA YAMASAKI	JPN
41.54	GERHARD GIERA	GER	1:21.63	JIRO KOBAYASHI	JPN	3:53.15	THOMAS MAINE	USA	1:48.40	JURGEN SCHMIDT	USA
41.94	SUEO YAMAGUCHI	JPN	1:25.41	HIROSHI IMAIZUMI	JPN	3:54.60	ALDACYR HILL	BRA	1:49.15	TED ROACH	CAN
42.55	NORIO HAYASHI	JPN	1:26.53	MOTOSHIGE OSHIMA	JPN	3:55.52	ANTON BIEDERMANN	BRA	1:58.41	KEVIN VICKERY	AUS
42.72	MAX VAN GELDER	AUS	1:27.89	ROBERT BLAKE	USA	3:56.20	JOHN DAVIS	GBR	200 M.	I.M.	
43.37	MINORU NAGASHIMA	JPN	1:28.99	JAN ZIEGLER	CZE	4:01.42	LEE ARTH	USA	3:28.75	KARL HAUTER	GER



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3:44.29	THOMAS MAINE	USA	50	M. BACK		3:03.56	JACK BRINK	RSA	200	M. BRST	
3:50.06	HIROSHI IMAIZUMI	JPN	48.58	GORO KOBAYASHI	JPN	200	M. I.M.		4:59.71	HIROMU YOSHIMOTO	JPN
4:00.12	FRANK PIEMME	USA	50.76	JOHN MERRILL	USA	5:48.43	WILLIAM JOHNSTON	USA	6:11.93	ALDO CAPUTI	ITA
4:01.35	TED ROACH	CAN	54.42	HIROMICHI MIYAZAK	JPN	7:05.26	JACK BRINK	RSA	6:40.52	JIM PANTON	CAN
4:06.54	NOBUMASA YAMASAKI	JPN	54.53	NILS FERM	SWE	400	M. I.M.		50	M. FLY	
4:07.82	JURGEN SCHMIDT	USA	55.42	RYUJI FUJIKAWA	JPN	12:33.67	WILLIAM JOHNSTON	USA	1:07.00	ALDO CAPUTI	ITA
4:08.83	LEE ARTH	USA	56.10	TOM HAVER	USA				2:07.39	EUGENE LEHMAN	CAN
4:22.63	KEVIN VICKERY	AUS	56.78	WERNER ULLRICH	GER	*****			100	M. FLY	
4:27.86	ALDO MANFROI	BRA	56.78	ARTHUR THOMAS	AUS				2:41.14	ALDO CAPUTI	ITA
	400 M. I.M.		57.25	SHOGO TSUKAHARA	JPN	*****			5:00.29	EUGENE LEHMAN	CAN
7:26.06	KARL HAUTER	GER	57.52	WALTER MINNICH	GER	50	M. FREE		100	M. I.M.	
7:49.23	FRANK PIEMME	USA	100	M. BACK		43.35	WOODY BOWERSOCK	USA	128.93	ALDO CAPUTI	ITA
7:56.34	THOMAS MAINE	USA	1:54.18	HIROMICHI MIYAZAK	JPN	46.32	TOKUSHI KOMEDA	JPN	3:52.89	EUGENE LEHMAN	CAN
8:36.45	TED ROACH	CAN	1:57.85	JOHN MERRILL	USA	50.90	ALDO CAPUTI	ITA	200	M. I.M.	
8:44.91	LEE ARTH	USA	2:05.19	NILS FERM	SWE	51.32	HEINZ SIEGEL	GER	8:32.82	EUGENE LEHMAN	CAN
9:34.86	CALVIN BARNES	USA	2:11.21	RYUJI FUJIKAWA	JPN	53.08	KAZUNAGA AKUTSU	JPN			
10:11.19	HIRONARI UEDA	JPN	2:12.22	TOM HAVER	USA	54.98	JEAN LEEMPUT	FRA	*****		
10:31.47	GEORGE STEWART	AUS	2:12.47	ALBERTO CARVALHO	BRA	55.85	R.REINSTADTLER	GER			
10:37.37	TOM MC CALL	USA	2:14.71	JOHN WHITE	USA	1:02.83	L GENE E CROSSETT	USA	*****		
12:03.57	KENJIRO KAKEI	JPN	2:15.85	ARTHUR THOMAS	AUS	1:06.04	ROMAN JEZEK	CAN	50	M. FREE	
*****			2:22.90	G.MERRYWEATHER	GBR	1:10.66	JIM PANTON	CAN	1:01.65	GERSON SOBEL	USA
			2:42.27	MAX AVENEL	FRA	100	M. FREE		2:09.12	BILL REEDER	USA
			200	M. BACK		1:44.35	WOODY BOWERSOCK	USA	50	M. BACK	
*****			4:05.07	JOHN MERRILL	USA	2:09.78	HEINZ SIEGEL	GER	1:58.81	BILL REEDER	USA
			4:16.04	HIROMICHI MIYAZAK	JPN	2:13.64	JEAN LEEMPUT	FRA	100	M. BACK	
50	M. FREE		4:55.23	TOM HAVER	USA	2:23.15	AUSTIN NEWMAN	USA	3:05.23	NORI YAMAMOTO	JPN
39.59	ISAMU TAMURA	JPN	4:55.95	RYUJI FUJIKAWA	JPN	2:28.23	L GENE E CROSSETT	USA	4:27.89	BILL REEDER	USA
41.59	SHIGEMASA OKAJIMA	JPN	4:55.96	ARTHUR THOMAS	AUS	2:55.10	JIM PANTON	CAN	200	M. BACK	
42.01	HIDEYA FUJII	JPN	5:01.17	FRED HOLDREGE	USA	3:00.61	EUGENE LEHMAN	CAN	9:31.21	BILL REEDER	USA
42.51	GEORGE CORONES	AUS	5:10.73	JOHN WHITE	USA	3:44.01	FRANK TILLOTSON	USA	50	M. BRST	
42.75	WILLIAM DODGSON	GBR	5:22.78	ALBERTO CARVALHO	BRA	200	M. FREE		3:07.96	BILL REEDER	USA
43.88	WILLIAM JOHNSTON	USA	5:45.36	MAX AVENEL	FRA	4:29.95	WOODY BOWERSOCK	USA	100	M. I.M.	
46.74	HIROMICHI MIYAZAK	JPN	5:46.72	TAKEO KONDO	JPN	4:43.45	AUSTIN NEWMAN	USA	5:45.94	BILL REEDER	USA
47.42	HAROLD DODD	GBR	50	M. BRST		4:54.12	JEAN LEEMPUT	FRA	*****		
47.48	WALTER MINNICH	GER	54.83	WALTER MINNICH	GER	5:17.33	L GENE E CROSSETT	USA			
48.14	JOHN BRICE	AUS	55.65	MAX VON ISSER	USA	6:25.06	EUGENE LEHMAN	CAN			
100	M. FREE		58.23	JIRO HIRONAKA	JPN	7:11.51	JIRO AZUMA	JPN			
1:35.00	ISAMU TAMURA	JPN	58.38	PAUL KRUP	USA	400	M. FREE		*****		
1:45.50	HAROLD DODD	GBR	58.84	RUSS WITTE	USA	9:23.13	AUSTIN NEWMAN	USA			
1:50.01	NILS FERM	SWE	59.67	SID KRASEY	AUS	10:56.26	L GENE E CROSSETT	USA	*****		
1:50.06	WILLIAM JOHNSTON	USA	1:01.93	GEORGE CORONES	AUS	13:15.65	EUGENE LEHMAN	CAN			
1:50.16	RYUJI FUJIKAWA	JPN	1:05.06	LENNART INGMO	SWE	800	M. FREE		RELAYS: WOMEN 200 M. FREE		
1:50.60	GEORGE CORONES	AUS	1:06.53	KOTARO MAEDA	JPN	18:49.01	AUSTIN NEWMAN	USA	*****		
1:56.22	YUTAKA MORITA	JPN	1:06.77	IMRE SCHMIDT	USA	28:44.21	EUGENE LEHMAN	CAN			
1:57.72	JOHN BRICE	AUS	100	M. BRST		1500	M. FREE		AGE 100-119		
2:02.03	BROER LAMERS	NED	2:10.80	MAX VON ISSER	USA	35:20.36	AUSTIN NEWMAN	USA	SBC-2000	NED	1:49.61
2:05.66	LUCIANO CANESSA	ITA	2:14.59	YUTAKA MORITA	JPN	53:52.93	EUGENE LEHMAN	CAN			
200	M. FREE		2:23.76	PAUL KRUP	USA	50	M. BACK		INEKE GOOSSENS		
3:52.86	HAROLD DODD	GBR	2:24.11	RUSS WITTE	USA	53.32	TOSHIJI SATO	JPN	CECILIA KENTELL		
4:10.52	RYUJI FUJIKAWA	JPN	2:27.49	GEORGE CORONES	AUS	59.09	WOODY BOWERSOCK	USA	LOTTA WANBERG		
4:13.77	RICHARD SMITH	USA	2:38.23	G.MERRYWEATHER	GBR	1:02.07	JEAN LEEMPUT	FRA	KATRIN HARRSEN		
4:18.60	JOHN BRICE	AUS	2:40.97	ISAO HIRASAWA	JPN	1:02.94	KAZUNAGA AKUTSU	JPN	CAMILLA HELGESSON		
4:23.27	DICK GUIDO	USA	2:44.04	YUKIO MATSUZAKA	JPN	1:05.87	HEINZ SIEGEL	GER	GOTEBORG SIM	SWE	1:54.42
4:30.31	ARTHUR THOMAS	AUS	2:57.65	WILLIAM JOHNSTON	USA	1:19.28	R.REINSTADTLER	GER	N.BERTILSDOTTER		
4:33.42	BROER LAMERS	NED	3:14.58	FRED WARREN	CAN	1:20.93	RYUZO KADONO	JPN	MALIN NILSSON		
4:34.56	WILLIAM JOHNSTON	USA	200	M. BRST		1:25.22	WALTER SEIFERT	GER	ANNA JENSEN		
5:24.92	TOM HAVER	USA	5:18.22	RUSS WITTE	USA	1:33.37	EUGENE LEHMAN	CAN	ANNA ERICSON		
5:42.78	MAX AVENEL	FRA	5:30.27	GEORGE CORONES	AUS	1:43.56	HIROSHI HASEGAWA	JPN	BOULOGNE-BILLAN	FRA	1:55.30
400	M. FREE		6:11.31	ROBERT MCCABE	AUS	100	M. BACK		SANDRA MOREAU		
8:27.96	NILS FERM	SWE	6:13.43	WILLIAM JOHNSTON	USA	1:58.27	TOSHIJI SATO	JPN	SANDRA BOUCHIER		
8:40.52	HAROLD DODD	GBR	6:57.44	JACK BRINK	RSA	2:13.93	WOODY BOWERSOCK	USA	CAROLINE MATHIAS		
8:44.21	RICHARD SMITH	USA	7:56.14	JACK MATHIESON	AUS	3:20.50	EUGENE LEHMAN	CAN	SOPHIE MORDANT		
8:54.45	JOHN MERRILL	USA	50	M. FLY		3:46.15	FRANK TILLOTSON	USA	BRO	CAN	1:56.30
9:24.66	ARTHUR THOMAS	AUS	52.68	MAX VON ISSER	USA	200	M. BACK		NADINE ROLLAND		
10:08.14	WILLIAM JOHNSTON	USA	1:00.73	PAUL KRUP	USA	5:01.69	WOODY BOWERSOCK	USA	JULIE DUFOUR		
12:17.56	MAX AVENEL	FRA	1:07.32	WILLIAM JOHNSTON	USA	5:16.23	JEAN LEEMPUT	FRA	SANDRA LAROCHE		
12:27.85	ALLEN FARDIE	USA	1:10.71	YUTAKA MORITA	JPN	50	M. BRST		S. SAINTFUSCIEN		
13:12.28	RUSSELL DAVIS	USA	100	M. FLY		55.68	HIROMU YOSHIMOTO	JPN	BURL	CAN	1:56.80
18:06.72	RICHARD SMITH	USA	2:50.79	WILLIAM JOHNSTON	USA	1:02.37	ALDO CAPUTI	ITA	SANDRA MCCLEARY		
18:09.32	JOHN MERRILL	USA	4:11.44	JACK BRINK	RSA	1:15.56	ROMAN JEZEK	CAN	AMANDA OLDFIELD		
18:16.64	HAROLD DODD	GBR	200	M. FLY		1:28.30	JIM PANTON	CAN	MELANIE PRICE		
18:18.50	NILS FERM	SWE	6:56.90	WILLIAM JOHNSTON	USA	1:32.20	WALTER SEIFERT	GER	KRISTINA HASSEL		
21:00.06	IMRE SCHMIDT	USA	100	M. I.M.		2:08.09	EUGENE LEHMAN	CAN	BERLINER TSC	GER	1:57.24
23:42.18	WILLIAM JOHNSTON	USA	2:07.95	MAX VON ISSER	USA	2:20.91	FRANK TILLOTSON	USA	SANDRA THIEME		
	1500 M. FREE		2:13.12	YUTAKA MORITA	JPN	100	M. BRST		MIRYAM RIBBE		
34:02.37	RICHARD SMITH	USA	2:14.64	RICHARD SMITH	USA	2:15.14	HIROMU YOSHIMOTO	JPN	KATJA PUSCHMANN		
34:04.68	HAROLD DODD	GBR	2:23.81	PAUL KRUP	USA	2:49.82	MASAHISA KANEKO	JPN	ANDREA KUTZ		
56:20.33	WILLIAM JOHNSTON	USA	2:26.83	WILLIAM JOHNSTON	USA	2:56.63	JIM PANTON	CAN	ROMFORD TOWN	GBR	1:58.02



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OTTER	GBR	1:58.97	LYNN DE GEORGE CHRISTINE TAIT MIMI COOK	JACKIE MARR BETSY JORDAN	MARIA H COSTA
JSS AOYAMA	JPN	2:00.23	HADRIAN	T.C. CAMPINAS	SAPPORO AC
RYOKO ISHIZUKA			GBR 2:02.29	BRA 2:26.67	JPN 3:12.92
NAMI HARA				SILVANA ABREU	AIKO HORII
ERIKO FUJIWARA			AURO	VERA SILVA	YUKO NISHIMURA
MIZUHO KAMADA			CAN 2:02.38	LILIANA SPINA	YUKIE SATO
			SUSAN ALLEN	MARCIA LEITE	KOTOMI KITAMURA
AGE 120-159			KATHY MCKNIGHT	JUEI CLUB	AGE 320-359
GOLD RUSH	JPN	1:50.07	NANCY BLACK	JPN 2:30.27	YOKOHAMA SUIEIK
MIHO OKUHARA			JULIE FREIXA	TERUKO NISHISAKO	JPN 4:12.71
NAHOMI SHIRATA			SEASIDE PIRATES	YURIKO NAGAMATSU	CHIYOKO TAKIZAWA
CHIIHIRO SAITO	AUS	2:02.87	AUS 2:02.87	SETSUKO KOBAYASHI	AKI UMINO
YUKIKO OZAWA			TRACY MC GUIRE	MIYOKO IMURA	EIKO SHIONOIRI
OTTER	GBR	1:52.65	STOVIN-BRADFORD	OAHU KIOICHO	MICHIKO TEJIMA
			NOLA BUDD	JPN 2:32.80	C.R. ICARAI
			CATHY CODLING	KEIKO YAMADA	BRA 4:23.61
				KAZUKO USAMI	
NTMC	CAN	1:55.59	AGE 200-239	TOSHIKO SHIMIZU	SAPPORO MST
KATIE OSBORNE			ARIZ	HIROKO KAYAMORI	JPN 4:53.24
CHRISTINA ECHOLS			USA 2:09.53	HAKUYO S	TSUYA KAWAMURA
ZUSANA SAMKOVA			Laura Winslow	JPN 2:34.02	KIYO NIWA
MIRJANA PRIMORAC			EVIE LYNCH	FUMIKO NAKAMURA	NAKA FUKUOKA
GLOUCESTER	GBR	1:56.72	KATY JAMES	MITSUKO HAYASHI	SETSUKO NARITA
			CHRISTIE ALTMAN	KEIKO KADOKURA	*****
			EMSC	MIDORI NOMURA	RELAYS: WOMEN 200 M. MEDLEY
LINKOPINGS	SWE	1:57.99	CAN 2:10.29	TECH	*****
ANETTE PHILIPSSON			JANET CATHRO	CAN 2:36.42	AGE 100-119
ANNA PETTERSSON			LEIGH GARVIE	ANNE-MARIE CARTER	SBC-2000
JESSICA NILSSON			KAREN FRADETTE	MARGARET BAKISH	NED 2:01.92
ANNIKA GOREFELDT			HELLA VERSVELD	PAT ANGUS	INEKE GOOSSENS
IFK LIDINGOS	SWE	1:58.22	REGATUS LIMA	PAT NIBLETT	M.VAN KEULEN
CAROLINE DAHLBERG			PER 2:11.73	SC OSC	S.TEMMERMAN
ULRIKA WESTERBERG			L.MARIA VILLAR	JPN 2:37.02	P.BROOIJMANS
ANNA-CARIN NORDIN			ROSI MULANOVICH	YUKIKO KOBAYASHI	BOULOGNE-BILLAN
ANETTE ANDERSSON			F.CHANGANAQUI	TOMOKO ITOI	FRA 2:09.33
CAMBRIDGE	GBR	1:58.94	ROSARIO VIVANCO	SACHIKO TSUKADA	SOPHIE MORDANT
			AQUATICA	RITSUKO SUGIMURA	CAROLINE MATHIAS
			PER 2:14.68		SANDRA BOUCHIER
			AIDA DAVIS	AGE 280-319	SANRDA MOREAU
			ANA LIA MAUGERE	JUEI CLUB	JSS AOYAMA
AMA REPUBLIC	JPN	1:59.03	SOL FERRECCIO	JPN 2:40.93	JPN 2:10.25
YOKO YANAGISAWA			CAROLL CAILLAUX	TERUKO NISHISAKO	HIROMI MUKAI
NORIKO KARAKAMA			SOIK HELLAS	HANA ENATSU	ERIKO FUJIWARA
TAMAKO KIHARA			SWE 2:17.50	YURIKO NAGAMATSU	RYOKO ISHIZUKA
SATOMI KADOKURA			REJA REINI	MIYOKO IMURA	MIZUHO KAMADA
TOKYO SC	JPN	2:00.09	HARRIET BURE	ISLAND TAKATSUK	CAN 2:10.97
JUNKO NAKANO			SONJA HAGLUND	JPN 2:49.00	PETRA HANEBERRY
KEIKO MATSUDA			MARGARETA RAINER	KEIKO FUJIMOTO	SANDRA MCCLEARY
YOKO OZAKI			NYG	KIYOKO IKEUCHI	KRISTINA HASSEL
AZUSA FURUKI			CAN 2:18.10	KAZUMI KUWATA	AMANDA OLDFIELD
SOIK HELLAS	SWE	2:00.31	JEAN QUILTER	HISAKO SATO	GOTEBORG SIM
LENA EKENORD			KELLY LYON	WIN FUKUSHIMA	JPN 2:11.62
CAMILLA LAGERFORS			JUDIE OLIVER	YOKO SAKUMA	N.BERTILSDOTTER
MARJA HAGLUND			MICHELLE OLIVER	AIKO GOTO	ANNA JENSEN
ASA VIKANDER			AQUABEARS	YOSHIKO ITO	ANNA ERICSON
			GBR 2:18.41	YOSHIKO SATO	MALIN NILSSON
			UBERLANDIA M	SOIK HELLAS	BERLINER TSC
AGE 160-199			BRA 2:18.63	SWE 2:54.75	GER 2:13.54
KENILWORTH	GBR	1:57.35	V.PICCIGUELLI	KERSTIN GJORES	MIRYAM RIBBE
			LUCIA CARDOSO	MARIANNE GRANE	ANDREA KUTZ
MACO	USA	1:58.02	CYMEA BARTHOLOMEI	BRITT GRILLI	SANDRA THIEME
LAUREN THIES			FERNANDA PRADO	B.HJALMARSSON	KATJA PUSCHMANN
SHARON FOLEY			LEVIN A	MRS SC KOCHI	OTTER
ROBIN PARISI			NZL 2:18.89	JPN 2:59.26	GBR 2:13.91
LAURA TYRRELL			LORRAINE KENT	JUNKO NISHIYAMA	MVN
TABY SIM	SWE	1:58.92	LESLEY PARKIN	TATSUKO NAKAYA	USA 2:13.97
C.UHRIANDER			SUZANNE PATERSON	SEIKO MISHIMA	ALICIA THORNTON
ERIKA ERICSSON			REBECCA PERROTT	SAEMI TAKAOKA	BROOKE MARTIN
ANNICA ABERG			BIRMINGHAM	SUKOYAKA ST	AMY SIMPSON
GUNILLA RASMUSON			GBR 2:19.15	JPN 3:03.94	J.CONNELLAN
IFK LIDINGOS	SWE	1:59.59	AGE 240-279	TERUKO UEDA	ROMFORD TOWN
YVONNE ERIKSSON			STMASERSKANSAI	ATSUKO TAKEUCHI	GBR 2:14.27
CECILIA WANGEL			JPN 2:20.61	EIKO SATO	GOLD RUSH
ULRIKA WESTERLUND			FUSAKO HIROOKA	YOKO SATO	JPN 2:14.50
ANN CELAY			KAZUKO KAJIWARA	HAKUYO S	ARISA NAKAMURA
CAMPBILL EDWARD	GBR	2:00.19	YOSHIE OSAKI	JPN 3:07.49	MEGUMI MASEDA
			YOSHIKO OSAKI	TOMIKO SESHIMO	CHIIHIRO SAITO
AINOSENSHI	JPN	2:00.90	KINGS CORMORANT	SACHIKO SATO	AYAKO HOSHINO
YUKI WAKUI			GBR 2:25.07	KAYOKO YAMAGUCHI	AGE 120-159
TOMOKO OKADA			ISLAND TAKATSUK	YOKOHAMA SUIEIK	CAN 2:02.77
MIKI TAKAYAMA			JPN 2:25.68	JPN 3:08.50	CHRISTINA ECHOLS
CHIYOMI TANAKA			NOBUKO NITTA	HARUMI TAKAHASHI	JUDY GARAY
AKMS	USA	2:01.81	KIYOKO IKEUCHI	AYA HIRANO	MIRJANA PRIMORAC
SHANNON TITZEL			TEIKO ONO	TAKAKO SAITO	JANET MAYVILLE
			MICHIKO OTO	TOSHIKO AMANO	GOLD RUSH
			SDSM	FLUMINENSE F C	JPN 2:04.03
			USA 2:26.09	BRA 3:09.42	NAHOMI SHIRATA
			BARBARA DUNBAR	MARCIA RIBEIRO	MIHO OKUHARA
			LYNNE LUND	CANDIDA GANDOLPHO	
				MARIA Z FERNANDES	



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

CHIHIRO SAITO YUKIKO OZAWA OTTER	GBR	2:08.80	LAURA TYRRELL LAUREN THIES ROBIN PARISI SHARON FOLEY	KERSTIN GJORES OLGA KARLSSON HARRIET BURE B.HJALMARSSON	OAHU CLUB KIOIC JPN 4:09.96 YOSHIKO WATANABE EIKO MIWA AKIKO ONOHARA MACHIKO ITAI
AZ&PC LIDIA VAN BON F.HEIJDERMAN M.BLOEMZAAD TAMARA VAN GORKOM	NED	2:09.35	AGE 200-239 OREG USA 2:16.23 VALERIE JENKINS COLETTE CRABBE JOY WARD K.ANDRUS-HUGHES	ADEL SC JPN 2:56.64 MIYAKO ISHIIHARA MITSUE OZEKI TOMOKO AKISAKA TOMIKO ITO	***** RELAYS: M E N 200 M. FREE ***** AGE 100-119 FORMULA ACAD BRA 1:37.52 ALEXANDRE REHEDER PAULO HORNOS DENNY CIMATTI PATRIK WINKLER
SC HURTH 1930 ANDREA KOCH HELLA HAAS DANIELA MEISS CLAUDIA LANGEN	GER	2:10.43	POLISENS IF SWE 2:22.64 MARGIT OHLSSON A.BRYNGELSSON A.ARKTOFT DIANA SUNDIN	YOUR SHIMMATSUD JPN 2:56.86 KYOKO KATO HATSUE FUJIOKA YUKO ABE YOKO HOSODA	GOLD RUSH JPN 1:38.15 KENTARO NAKAMURA YOSHIIHISA SUDO KOICHI MASUDA TATSUAKI SHIRATA HAGONDANGE FRA 1:38.24 STEPHANE MEYER ADRIEN BECK PASCAL MEYER CEDRIC MEYER
LSL ELIZABETH FRISK KARA NOLAN KIM BROCHU AMY SIMPSON	CAN	2:11.76	ARIZ USA 2:24.70 KATRYN JAMES LAURA WINSLOW EVIE LYNCH CHRISTIE ALTMAN	TCC-RECR BRA 2:58.08 NEUSA ORSELLI VERA SILVA MARCIA LEITE LILIANA SPINA	CFST CAN 1:38.30 TIM JOHNSON NILS FRENCH DERRICK POCKIACK MARC PRUDHOMME NEPTUNE CLUB FRA 1:38.54 GREGORIE LARTIGOT VINCENT TURPIN TRISTAN WAGNER ETIENNE DEAU
IFK LIDINGOS ANNA-CARIN NORDIN CAROLINE DAHLBERG UKRIKA WESTERBERG ANETTE ANDERSSON	SWE	2:12.03	EMSC CAN 2:26.78 HELLA VERSVELD KAREN FRADETTE JANET CATHRO LEIGH GARVIE	SEASIDE PIRATES AUS 3:00.15 PAM HUTCHINGS ELVERA VICKERY R. MILLER-WALTON BIFF GRINDLEY	WORCESTER GBR 1:39.32 RECRA BRA 1:39.82 FABIO MELO IGOR MIRAZAWA TADEU ALMEIDA LEANDRO ARRUDA
TOTNES AMA REPUBLIC JUNKO SHIODA AKIKO KAWAGUCHI SATOMI KADOKURA TAMAKO KIHARA	GBR	2:12.31	ISF USA 2:29.24 KARLENE DENBY C.GETTELFINGER GERRI FERNANDEZ SUSAN MEYERS	AGE 280-319 SUNWAY YOKOHAMA JPN 3:05.01 SHOKO YONEZAWA MASAE KURATA MIZUE SHIGEKAWA YOKO SUGIYAMA	CLUB DE NAGEURS FRA 1:41.28 Y.BURGHGRAEVE S.SCHUSTER MAXIME LE MOUËL MATHIEU PICQ
ETOB JOAN SHAW JANE CHVATAL ALINA LOPEZ CINDY BERTELINK	CAN	2:13.25	AQUABEARS GBR 2:29.91 WH2O USA 2:30.30 CAROLE SHIGAKI JESSICA SEATON MORRI KLEINESPANG LINDY KLEINESPANG	SWIM 100NOKAI K JPN 3:06.37 KAZUKO TAGUCHI KAZUYO SAKURAI KEIKO HONDA CHIE TANI	DDO CAN 1:41.58 JP RICHARD ERIC QUANE P.POMINVILLE MICHEL BROUILLETE
AGE 160-199 AZ&PC AMERSFOOR LIDIA VAN BON F.HEIJDERMAN M.BLOEMZAAD ATIE PIJTAK	NED	2:11.03	BIRMINGHAM GBR 2:30.52 SWIM NETWORK JPN 2:34.87 TAEKO MURAKAMI SETSUKO MIYAZAKI MASAKO ENZAN MISA FUNATSU	ISLAND TAKATSUK JPN 3:14.69 KEIKO FUJIMOTO KAZUMI KUWATA HISAKO SATO KIYOKO IKEUCHI	BERLINER TSC GER 1:42.11 S.SCHUNEMANN THOMAS AHNERT MATTHIAS RUMPF EIK LEHMANN
TABY SIM C.UHRLANDER-LINDBE ANNICA ABERG ERIKA ERICSSON GUMILLA RASMUSSEN HADRIAN	SWE	2:12.70	REGATAS LIMA PER 2:35.82 L.MARIA VILLAR F.CHANGANAQUI ROSI MULANOVICH ROSARIO VIVANCO	WIN FUKUSHIMA JPN 3:15.18 TAKAKO SATO YOKO SAKUMA YOSHIKO ITO YOSHIKO SATO	AGE 120-159 SWINDON GBR 1:38.20 WITH H JPN 1:38.96 SHINGO SEKIGUCHI TSUYOSHI IWANO TAKUO UKAI
AINOSENSHI YUKI WAKUI TOMOKO OKADA MIKI TAKAYAMA CHIYOMI TANAKA	JPN	2:13.77	AGE 240-279 STMASTERSKANSAI JPN 2:33.62 YOSHIE OSAKI KAZUKO KAJIWARA YOSHIKO OSAKI	OAHU CLUB KIOIC JPN 3:22.27 HIROKO OTSUBO NORIKO YATSUNAMI AKIKO ONOHARA TERUKO MURAKAMI	NORIHISA KAJITANI AQUA CLUB PONT FRA 1:39.69 CHRISTOPHE IMBERT YANN FONTAINE ANTOINE GREVEREND PATRICE SANCHEZ
KENILWORTH AURO SUSAN ALLEN NANCY BLACK KATHY MCKNIGHT JULIE FREIXA	GBR	2:14.45	FUSAKO HIROOKA ISLAND TAKATSUK JPN 2:51.18 KEIKO FUJIMOTO YOSHIKO BAMBA KAZUE OZAKI KIYOKO IKEUCHI	SOIK HELLAS SWE 3:28.88 BRITT GRILLI BARBRO THORNELOF MARGARETA RAINER MARIANNE GRANE	CMSC CAN 1:40.03 BRIAN BRIX MARK JESSEE BOB KARIATSUMARI JEFF WELECHUK
ANN KOURI ISABELLE BERNARD LIANE SHIELD LORRAINE MACRAE	CAN	2:17.26	HAKUYO S JPN 2:52.64 MITSUKO HAYASHI MASAKO NISHIDE KAZUYO OHAMA FUMIKO NAKAMURA	HAKUYO S JPN 3:31.80 TOMIKO SESHIMO SHIZUKO TSUKADA TOKI SUWA FUMIKO NAKAMURA	GOTEBOG SIM SWE 1:40.05 PER SEVERIN ANDREAS DENCKER
SEASIDE PIRATES AUS CHRISTY CLARK STOVIN-BRADFORD CATHY CODLING TRACY MCGUIRE	AUS	2:18.47	MSBC CAN 2:53.44 BARBARA WIENS BONNIE PRONK COLLEEN NELSON EULAH VARTY	C R ICARAI BRA 3:33.79 MARIA L RIBEIRO NORA RONAI SANDRA LIMA MARLENE MENDES	
CFC FUTAMATAGAW ASAKO SUZUKI HISAE NOJIMA MACHIKO TAKEI HIDEKO HORI	JPN	2:18.57	TECH CAN 2:54.68 PAT ANGUS MARGARET BAKISH KATHLEEN MILNE PAT NIBLETT	MULHOUSE ON FRA 3:36.62 ANNE STELTZLEN NICOLE SCHERLE C.SCHNABEL YVETTE KAPLAN	
MACO	USA	2:18.89	SOIK HELLAS SWE 2:54.77	SUKOYAKA ST JPN 3:41.73 EIKO SATO CHIZUKO TSUCHIDA ATSUKO TAKEUCHI TERUKO UEDA	



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

PER HELGESSON NEPTUNE CLUB FRA 1:50.27	HADRIAN GBR 1:57.59	TYMS CAN 2:22.64	HANS KRETZSCHMAR GOTTFRIED KLARING HARALD MULLER ***** RELAYS: MIXED 200 M. FREE *****
N. LECHEVALIER ARNAUD NIVELET GREGORIE LARTIGOT ETIENNE DEAU MARTIGUES NAT FRA 1:52.02	KENILWORTH GBR 1:58.72	RICK ARNOLD LOUIS WINT PETER STRAKA CHRISTOPHER SMITH TECH CAN 2:22.97	AGE 100-119 GOLD RUSH JPN 1:41.55
MATHIEU COUTANT ERWAN POTHIER NICOLAS MARC ACAD. DA PRAIA BRA 1:52.42	JONATHAN KLEIN TODD DIMSDALE DON GILCHRIST BOB SCHMITZ TCC-RECRA BRA 2:02.56	JIM WRIGHT MIKE OLSEN M. HEATH-EVES PAULL LEAMEN VSA HIRAKATA JPN 2:23.03	MIHO OKUHARA NAHOMI SHIRATA KENTARO NAKAMURA TATSUAKI SHIRATA BERLINER TSC GER 1:43.65
ROYAL NAVY GBR 1:52.61	JOSE O LORO CESAR VIEIRA FRANCISCO P FILHO MARCUS MATTIOLLI RACING CLUB FRA 2:02.80	HIROSHI KOJIMA SHIGEO MIYOSHI MASAKAZU HIRATA TAKEKAZU KOTERA AGE 280-319 NCMS USA 2:18.05	SANDRA THIEME ANDREA KUTZ ETK LEHMANN S. SCHUNEMANN SAKE JPN 1:46.36
OHSP USA 1:53.17	GILLES LAFFICHE ERIC EMINENTE C. STARZEC ERRKI BIANCO TOULOUSE AC FRA 2:03.06	CLARKE MITCHELL JOHN KORTHEUER RICHARD KITCHELL JERRY CLARK OAHU KIOICHO JPN 2:22.00	TARO MIKI AKIKO KITAMURA NOBUKO TAKAHASHI HIROKI TAKADA NEPTUNE CLUB FRA 1:47.25
WILLIAM POLK JEFFREY RADEL MIKE GANIO GRANT WILSON CMSC CAN 1:53.41	YVES LACRAMPE OLIVIER BORIOS FRANCOIS BRY R. DOBBELMANN HAYWARDS HEATH GBR 2:03.98	MAMPEI SEINO MASATERU ISA MASARU IGARASHI MASAYASU KAMIYA HAKUYO S JPN 2:28.26	MURIEL ANDURAND ETIENNE DEAU GB POLICE GBR 1:47.56
AGE 160-199 NCMS USA 1:49.72	F-SWIM JPN 2:05.58	HIROSHI SHIBUYA YUJI HIKICHI NAOMI TANAKA RYOJI IGARASHI CMSC CAN 2:05.71	NTMC CAN 1:47.74
HENRY STEWART FRITZ LEHMAN RAZVAN PETCU CHRIS LECHNER TOKYO MARINE JPN 1:50.95	PETER O'BRIEN ROB DAVIS DAVE DICKSON MIKE MORROW AURO CAN 2:05.83	TOSHIMI INATOMI DOLPHIN SC JPN 2:29.16	JONATHAN AVERY ZUSANA SAMKOVA MIRJANA PRIMORAC ZDENEK HEZKY OTTER GBR 1:49.82
SHINTARO NAGASAKI YASUHIRO KOMORI ISAMU SHIBAZAKI SEIICHI YARITA NTMC CAN 1:52.29	DAVE WILKIN RUSS FARQUHAR SIMON MEREDITH FRANK SODONIS AGE 240-279 OREG USA 2:07.11	SHIGEHISA SEKIKAW HIROFUMI HOSOTANI HISAO MIKURIYA YASUSHI YAMAGUCHI KAMAKURA MSC JPN 2:39.30	LDSD CAN 1:50.07
DEREK MURCHIE DOUG VAN DER BY DAN THOMPSON CHRIS SUTHERLAND BOULOGNE-BILLAN FRA 1:54.06	ROBERT SMITH ALLEN STARK BERT PETERSEN JON STOUT HAKUYO S JPN 2:14.37	MINORU UEMURA TAKAO TSUCHIYA YOSHIHIRO NAKANO SATOSHI TOKUSHIGE JUEI CLUB JPN 2:39.54	JOHNY HEWEDINE ASHLEY CONINGHAM AMY BARTOCH BRYAN CROCKETT JSS AOYAMA JPN 1:50.27
V. GALAVTINE JEAN MELLADO OLIVIER FAYOLLE ERIC HUYNH CIA ATHLETICA BRA 1:54.58	HIROSHI NONAKA SEIKO OKAZAKI TAKASHI TERAKOSHI KAZUYUKI MOCHIZUK FLUMINENSE F C BRA 2:14.83	YOSHIHIRO YANASE BIRMINGHAM GBR 2:42.50	BRYAN CROCKETT JSS AOYAMA JPN 1:50.27
MARCELO CRUZ ALEXANDRE NETO SV FRIEDRICHSHA GER 1:54.59	JOSE E FERRAZ RINALDO FERREIRA LUIS R SIMI JOAO E NETO TCC-RECRA BRA 2:15.46	BLAU-WEISS GER 2:43.12	KEIJI HARUSAWA MIZUHO KAMADA HIROMI MUKAI SHINICHI NIWA PENNYPACK AQUAT USA 1:50.41
MANFRED KODER ROBERT BERGER HARTMUT BERNER THILO ALBRECHT NEPTUN CZE 1:54.80	JOSE E FERREIRA ANTONIO C ORSELLI PAULO MOTTA NILSON LEAO KOMATSU SC JPN 2:19.91	HANS KLOSZ WIEDEMANN ROHNER NELS LUTZ ?? DIETRICH FLUMINENSE F C BRA 2:45.82	DANIEL LEVY BRIAN FURLONG DENISE MORALES PATRICIA FLYNN AGE 120-159 TEAM DASH JPN 1:43.23
ROSTISLAV SLECHTA TOMAS VAVERKA MILAN PAVLICEK JARMIL PRONEK TYMS CAN 1:56.17	MIKIYA HATTA MASANAO BAN YONEZO SHIMAHATA TADANOBU YAMADA SSV LEUTZSCH LE GER 2:22.33	YOSHIHIRO YANASE BIRMINGHAM GBR 2:42.50	YAYOI SAKAMOTO YOKO YAMAGUCHI KAZUhide MATSUMUR HARUHIKO TAZAWA OTTER GBR 1:44.55
WES MUSIAL M. WILLIAMSON MICHAL SHENHAR JAKE NESOVIC CAMPBILL EDWARD GBR 1:56.22	HORST RIEDEL DIETMAR FISCHER WOLFGANG SIEBER MARTIN KLINK HIROSHIMA IRUKA JPN 2:22.61	BLAU-WEISS GER 2:43.12	DANIEL LEVY BRIAN FURLONG DENISE MORALES PATRICIA FLYNN AGE 120-159 TEAM DASH JPN 1:43.23
DES NAGEURS FRA 1:56.43	YUSUKE OKADA YUTAKA MAEBA TAKEYUKI HATTORI	WIEDEMANN ROHNER NELS LUTZ ?? DIETRICH FLUMINENSE F C BRA 2:45.82	YAYOI SAKAMOTO YOKO YAMAGUCHI KAZUhide MATSUMUR HARUHIKO TAZAWA OTTER GBR 1:44.55
NICOLAS ROZIER GUY LACONTAL PASCAL MOREAU MARC BEAU AGE 200-239		SHOICHI SHIDA KATSUZO SHIRAYAMA GUNJI KITAZAWA ISAMU TAMURA SDSM USA 3:15.79	YAYOI SAKAMOTO YOKO YAMAGUCHI KAZUhide MATSUMUR HARUHIKO TAZAWA OTTER GBR 1:44.55
		TOM HAVER FRANK PIEMME LEE ARTH DUANE DRAVES SSV LEUTZSCH LE GER 3:25.68	WERNER ULLRICH



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

SANDRA BOUCHIER	EDWARD SUAREZ	HIROSHI NONAKA	JOSE C SILVA
ERIC HUYNH	DEBBIE CAVANAUGH	KEIKO KADOKURA	JAMES DETAR
SK LAXEN SWE 1:47.28	ANNE LABORWIT	KAZUYO OHAMA	MARIA LENK
PELLE KARLSSON	JOHN GRZESZCAK	TAKASHI TERAKOSHI	LAHIRY ROMERO
A.GUSTAVSSON	RACING CLUB FRA 1:58.24		
ANNA NILSSON	CATHERINE SIDORBE	AGE 280-319	AGE 360-399
GORAN GUSTAVSSON	B.BESSON HERBET	SOIK HELLAS SWE 2:24.81	NISHINOMIYASUMI JPN 4:13.19
SOIK HELLAS SWE 1:48.26	PHILIPPE LEBOEUF	ERIC FORSLUND	KAZUNAGA AKUTSU
ULF HAUSMANN	C.STARZEC	MARIANNE GRANE	SUMI SHIMOI
MARJA HAGLUND	AKMS USA 1:58.55	BRITT GRILLI	HIDEKO HANADA
ASA VIKANDER	RICK ABBOTT	PETER BERGENGREN	HIROMU YOSHIMOTO
CAROL MORAN	PAULA SMITH	OAHU KIOICHO JPN 2:26.96	*****
SO MILLAU N FRA 1:48.47	COLNY TUCKER	MASAYASU KAMIYA	RELAYS: MIXED 200 M. MEDLEY
PIERRE RABAT	JOEL CURTIS	KEIKO YAMADA	*****
ANNE VELEZ	LAPS USA 1:58.65	KIYOE KOYAMA	AGE 100-119
JOEL MIRADA	KENNETH SHOOR	MASATERU ISA	BERLINER TSC GER 1:51.86
SABRINA HEBERT	TRACI GRANGER	KINGS CORMORANT GBR 2:30.39	ANDREA KUTZ
LEICESTER GBR 1:49.01	JANE MCCALL	HAKUYO S JPN 2:32.25	MATTHIAS RUMPF
	DUNCAN MCBRIDE	KENSUKE SATO	S.SCHUNEMANN
AGE 160-199	SOSHIGAYA JPN 1:59.54	KIMIKO YOSHINAGA	SANDRA THIEME
EMSC CAN 1:46.11	YASUFUMI NISHIHAR	FUMIKO NAKAMURA	NTMC CAN 1:59.47
BARRY SARETSKY	HIDEKO CHUBACHI	TOSHIMI INATOMI	CHRISTINA ECHOLS
DEBBIE YOUNGER	MISAKO OKADA	SUNWAY YOKOHAMA JPN 2:32.45	DOUG JONES
JANET CATHRO	HIROYUKI AMAZAKI	MINORU NAGASHIMA	MIRJANA PRIMORAC
BARRY LEWIS	F-SWIM JPN 1:59.87	MASAE KURATA	CHRIS SUTHERLAND
DAN THOMPSON	AKEMI TANAKA	SHIGEKO TANAKA	ETOB CAN 2:00.32
DOUG VAN DER BY	NAOKO SHIDE	KENJI YASUDA	VLAD IZYUMOV
JUDY GARAY	RYOJI IGARASHI	ISLAND TAKATSUK JPN 2:38.61	JANE CHVATAL
JANET MAYVILLE	HIROSHI SHIBUYA	NOBUKO NITTA	JONATHAN HOWARD
VIC CAN 1:48.25	AQUABEARS GBR 2:00.44	TEIKO ONO	CINDY BERTELINK
SARAH MACDONALD	O*H* USA 2:00.47	YUTAKA MORITA	SAKE JPN 2:00.67
JUDY WOODWARD	JACK GROSELLE	KIYOJI AMANO	MEGUMI OKADA
SCOTT COSPER	LAURA KESSLER	FLUMINENSE F C BRA 2:39.79	SUGURU HANACKA
WAYNE KELLY	ANN GUINS	ZAVEN BOGHOSSIAN	KAZUHIRO SHIMIZU
HADRIN GBR 1:49.19	YOSHI OYAKAWA	MARIA Z FERNANDES	KANA KUSAMA
	AGE 240-279	MARIA H COSTA	DDO CAN 2:01.92
TABY SIM SWE 1:49.62	GOLD USA 2:01.21	ARAM BOGHOSSIAN	JP RICHARD
DAN ANDERBERG	CAV CAVANAUGH	NYG CAN 2:41.99	ERIC QUANE
AUNICA ABERG	DEBBIE CAVANAUGH	ERIC KOHLER	AMANDA MALETTE
GUNILLA RASMUSON	ANNE LABORWIT	JUDIE OLIVER	COURTNEY PRIEUR
HARALD KRUGER	DAVID MCINTYRE	SANDRA OLIVER	GOLD RUSH JPN 2:01.99
POLISENS IF SWE 1:49.64	TAM USA 2:02.65	JACK GALVIN	KENTARO NAKAMURA
JOAKIM SJOHOLM	RICHARD BURNS	SPENCER GBR 2:42.26	MEGUMI MASEDA
MANS YNGESKOG	KENNETH FROST	VCSS CAN 2:42.80	TATSUAKI SHIRATA
A.ARKTOFT	NANCY RIDOUT	LEN COVERDALE	ARISA NAKAMURA
DIANA SUNDIN	LAURA VAL	NORMA POWELL	GB POLICE GBR 2:02.99
MACO USA 1:50.61	SOIK HELLAS SWE 2:07.18	VAL NEVILLE	OTTER GBR 2:03.82
LAUREN THIES	BENGT FURBERG	GRANT HALL	NEPTUNE CLUB FRA 2:04.18
ROBIN PARISI	HARRIET BURE	AGE 320-359	LAURENCE VILAIN
DOUGLAS OTTO	MARGARETA RAINER	JUEI CLUB JPN 2:51.96	JACQUES D'ARVIEU
TROY DRAWZ	INGVAR ERIKSSON	KATSUZO SHIRAYAMA	GREGORIE LARTIGOT
NOTTINGHAM LEAN GBR 1:51.18	BIRMINGHAM GBR 2:07.62	HANA ENATSU	I.GOLDSPIEGEL
	TCC-RECR BRA 2:10.26	YURIKO NAGAMATSU	ACAD. DA PRAIA BRA 2:04.27
HSG UNI ROSTOCK GER 1:51.42	WALDYR RAMOS	ISAMU TAMURA	
LARS HINNEBURG	VERA SILVA	FMM USA 3:56.28	AGE 120-159
UTE KUHMSTEDT	LILIANA SPINA	KAY SCHIMPF	TEAM DASH JPN 1:53.98
ANTJE FUHRMANN	PAULO MOTTA	RICK GEE	HIDEAKI OGAWA
RENE PLAESCHKE	OAHU KIOICHO JPN 2:11.24	JUNE REYNOLDS	TAKASHI HIRAKAWA
SODERTALJE SS SWE 1:51.61	TETSUO FUNANO	ROBERT WILLIAMS	YOKO YAMAGUCHI
HAKAN QVIST	KEIKO YAMADA	SAPPORO MST JPN 4:01.66	YAYOI SAKAMOTO
TOMAS LINDGREN	HIROKO KAYAMORI	ATSUSHI OURA	GOTEBORG SIM SWE 1:56.98
SOFI CYRENS	AKIHARU KOBAYAKAW	TSUYA KAWAMURA	ANDREAS DENCKER
MALIN NILSSON	COOGEE-RANDWICK AUS 2:11.50	SETSUKO NARITA	ANNA JENSEN
AGE 200-239	GARY NICHOLLS	TAMOTSU KAWABATA	DANIEL LINDEN
SDSM USA 1:54.49	PAUL WYATT	MANLY MASTERS AUS 4:01.93	ANNA ERICSON
K.NIELSEN	LEA HILL	JAN ALLPORT	OTTER GBR 1:59.62
MIKE FRESHLEY	GAYLE DUNDAS	BARBARA VICKERS	GLOUCESTER GBR 2:00.03
CAROLINE KRATTLI	ISLAND TAKATSUK JPN 2:12.90	STUART SOMERVILLE	SK LAXEN SWE 2:01.89
VINUS VAN BAALLEN	KIHEI YOSHIMURA	DEREK EDWARDS	PELLE KARLSSON
GOLD USA 1:55.72	MICHIKO OTO	NORTH LODGE AUS 4:12.22	GORAN GUSTAVSSON
GEORGE SCHMIDT	KAZUE OZAKI	CORRIE DEGROOT	A.GUSTAVSSON
PEGGY MCDONNELL	KIYOJI AMANO	ROBERT MCCABE	ANNA NILSSON
TANYA HANSON	KINGS CORMORANT GBR 2:13.95	SID KRASEY	LEICESTER GBR 2:01.98
DAVID QUIGGIN	HAKUYO S JPN 2:14.53	SHIRLEY MALCOLM	
GOLD USA 1:56.04		C R FLAMENGO BRA 4:15.22	



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

<p>CMNB CAN 2:02.16 MICHEL BOILY LINE LAPIERRE JEAN POULIN CHRISTINE SAVARD</p> <p>SLAM CAN 2:02.25 SEVERINE HEYMANS BENOIT LEGAULT JULIE TARDIF DAN BOTBOL</p> <p>BOULOGNE-BILLAN FRA 2:02.80 REMY DELEPOULLE JEAN MELLADO SANDRA BOUCHIER JULIE CONCHON</p> <p>CHARLEVILLE FRA 2:03.64 JENNIFER GOUSSARD XAVIER PACAUD FABLIENNE BLAMART VINCENT MANCIAUX</p> <p>AGE 160-199</p> <p>NTMC CAN 1:58.52 DEREK MURCHIE DOUG VAN DER BY JANET MAYVILLE JUDY GARAY</p> <p>RYOGOKU KINGYO JPN 1:58.79 SHIKO HIRAIISHI HAJIME SHIMURA TAKESHI ARATO HITOMI MATSUDA</p> <p>HADRIAN GBR 2:00.81</p> <p>EMSC CAN 2:02.12 DEBBIE YOUNGER TIM FLOYD BARRY SARETSKY JANET CATHRO</p> <p>GOLD USA 2:03.22 JIM HARPER SEAN FRAMPTON ANDREA WOODBURN TANYA HANSON</p> <p>MMAC CAN 2:03.82 ANNE COUSINEAU PETER DOIG STEVEN STOTHERS RUTH HORNE</p> <p>DDO CAN 2:03.91 FRANCOIS GAUVIN EVA HAKANSSON P.POMINVILLE LIANE VEZINA</p> <p>IFK LIDINGO SK SWE 2:03.97 YVONNE ERIKSSON MAGNUS FALTMAN ANN CELAY PETER BOROSSY</p> <p>SODERTALJE SS SWE 2:04.82 VEIKKO MATTOLA RONNY OLTNER SOFI CYREUS MALIN NILSSON</p> <p>FORMULA ACAD BRA 2:05.46 MARCIO SILVA CICERO TORTELLI ELIANA MUTCHNIK MONICA SEGALL</p> <p>AGE 200-239</p> <p>OREG USA 2:05.92 K.ANDRUS-HUGHES ALLEN STARK COLETTE CRABBE MIKE TENNANT</p> <p>POLISENS IF SWE 2:08.56</p>	<p>DIANA SUNDIN A.BRYNGELSSON JOAKIM SJOHOLM NILS WAHLBERG</p> <p>CROYDON GBR 2:10.19</p> <p>AQUABEARS GBR 2:11.84</p> <p>O*H* USA 2:13.65 ANN GUINS JACK GROSELLE JEFF DROPSEY DIANE ROTHENBERG</p> <p>LAPS USA 2:13.80 JANE MCCALL KENNETH SHOOR TRACI GRANGER DUNCAN MCBRIDE</p> <p>AKMS USA 2:17.05 RICK ABBOTT PAULA SMITH COLNY TUCKER JOEL CURTIS</p> <p>ETOB CAN 2:17.18 COLLEEN SHIELD YVONNE CATTRALL JOHN LYALL RON ARMSTRONG</p> <p>SOSHIGAYA JPN 2:17.95 MISAKO OKADA YASUFUMI NISHIHAR HIROYUKI AMAZAKI HIDEKO CHUBACHI</p> <p>ICHIKAWA AC JPN 2:18.08 TAKEO HIRAMOTO YOSHIE HIRAIISHI TOMOYASU IIDA MAYUMI HIRAMOTO</p> <p>AGE 240-279</p> <p>TAM USA 2:14.42 LAURA VAL KENNETH FROST JR RICHARD BURNS NANCY RIDOUT</p> <p>OAHU KIOICHO JPN 2:24.18 KEIKO OMAGARI TERUO IWATA MASARU IGARASHI SATOKO KAWATA</p> <p>SDSM USA 2:26.44 K.PIPES-NIELSEN DONALD BAKER JACKIE MARR VINUS VAN BAALEN</p> <p>BIRMINGHAM GBR 2:27.50</p> <p>TCC-RECRA BRA 2:28.23 WALDYR RAMOS VERA SILVA PAULO MOTTA LILIANA SPINA</p> <p>KENILWORTH GBR 2:28.46</p> <p>SOIK HELLAS SWE 2:30.21 BENGT FURBERG HARRIET BURE INGVAR ERIKSSON MARGARETA RAINER</p> <p>WARRINGAH AUS 2:30.44 JENNIFER MCLEAN B. ROBERTSON-DUNN GORDON WHYTE SUZANNE LEVETT</p> <p>FLUMINENSE F C BRA 2:30.59 MARIA H COSTA RINALDO FERREIRA LUIS R SIMI</p>	<p>MARTA PINTO CAP-ECP BRA 2:30.96</p> <p>AGE 280-319</p> <p>OAHU KIOICHO JPN 2:35.91 MAMPEI SEINO KEIKO YAMADA HARUMI SUGIMOTO MASAYASU KAMIYA</p> <p>SOIK HELLAS SWE 2:42.96 KERSTIN GJORES OLLE BUREBO PETER BERGENGREN BRITT GRILLI</p> <p>ISLAND TAKATSUK JPN 2:46.40 KEIKO FUJIMOTO KIHEI YOSHIMURA HISAKO SATO SHINGO YAMAMOTO</p> <p>FLUMINENSE F C BRA 3:00.13 MARIA Z FERNANDES ERIVALDO LIMA MARIA H COSTA ARAM BOGHOSSIAN</p> <p>BR RIO S C BRA 3:00.46 FERNANDO CASTRO MATHILDE LAURITO CYNTHIA ANDRADE HUMBERTO FILHO</p> <p>C.R. ICARAI BRA 3:01.20</p> <p>WCM USA 3:01.51 ROBERT MAYO ANN HIRSCH A EMORY HAWORTH DONNA MONROE</p> <p>SPENCER GBR 3:01.52</p> <p>TACHIKAWASHI SU JPN 3:06.35 TSUTOMU MIYAUCHI NAOE NOGUCHI SUEO YAMAGUCHI CHIYO FUKUSHIMA</p> <p>C R FLAMENGO BRA 3:08.85</p> <p>AGE 320-359</p> <p>PC CAN 4:38.40 EUGENE LEHMAN ROMAN JEZEK MAE WALDIE EVELYN LUTGENDORF</p> <p>C.R. ICARAI BRA 4:52.86</p> <p>DDO CAN 5:20.92 LILLIA WARREN FRED WARREN SHEILA NAIMAN JACK FILE</p> <p>AMARAL MASTER BRA 6:14.38</p>
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