



**FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005**

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WOMEN 25-29									
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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	
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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	LALURIE 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	27.03	MARIKA JOHANSSON	SWE	1:09.15	SILVIA PAROCCHI	ITA	2:29.61	MONICA OLMI	ITA
2:50.80	SARAH JAMES	AUS	27.47	EDITH OTTERMANN	RSA	1:09.19	JENNIFER RIDGE	USA	2:31.28	RACHELLE ISAKOV	RSA
2:51.76	LISELOTTE JOLING	NED	27.49	NADINE DAY	USA	1:09.39	CHRISTINA ECHOLS	CAN	2:32.62	YOKO YAMAGUCHI	JPN
2:52.20	A.SACCHIERO	ITA	27.53	MONICA SORO	ITA	1:09.70	NADINE DAY	USA	2:35.08	MICHELLE CHOW	USA
2:53.81	HELEN SALCEDO	USA	27.59	SILVIA PAROCCHI	ITA	1:09.95	KIRA LESKEW	CAN	2:36.41	KATHERINE VEALE	GBR
2:54.32	YUKA KAWAI	JPN	27.60	SANDRA ROUSSE	PER	1:10.21	DEBBIE YOUNGER	CAN	2:36.78	ANNA-CARIN NORDIN	SWE
2:54.40	IVANA MOUCHOVA	CZE	27.71	DELIA DEMATTI	ITA	1:10.35	IARA SCARPELLI	BRA	2:37.43	CLAIRE PALFREY	GBR
50 M. FLY			27.78	YUKIKO OZAWA	JPN	1:10.52	KRISTIN GARY	USA	2:38.11	PAMELA NIX	AUS
27.98	NADINE ROLLAND	CAN	27.79	DEBBIE YOUNGER	CAN	1:10.70	MIKI NAMAI	JPN	100 M. I.M.		
28.63	HELENA ABERG	SWE	27.98	MICHELLE CHOW	USA	200 M. BACK			1:06.50	SILVIA PAROCCHI	ITA
29.19	YUKI WAKUI	JPN	100 M. FREE			2:20.67	JOANNA CORBEN	GBR	1:07.31	NADINE DAY	USA
29.45	LAURA BIANZANI	ITA	59.07	MANUELA SCHUBERT	GER	2:24.71	DEBBIE YOUNGER	CAN	1:07.51	DEBBIE YOUNGER	CAN
30.04	FLORENCE CIOTTI	ITA	59.55	NADINE DAY	USA	2:26.96	MONICA OLMI	ITA	1:07.93	MONICA SORO	ITA
30.06	CINDY BERTELINK	CAN	59.65	DEBBIE YOUNGER	CAN	2:29.91	NADINE DAY	USA	1:10.54	MICHELLE CHOW	USA
30.34	LARA CLARKE	GBR	59.84	SILVIA PAROCCHI	ITA	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			
1:09.60	PETRA DUFKOVA	CZE	9:37.02	NADINE DAY	USA	2:50.21	KEIKO OKAMOTO	JPN			
1:09.94	MIZUHO KAMADA	JPN	9:46.88	DANA WOODY	USA	2:51.78	H.MORRIS-EYTON	RSA			
1:10.74	NICOLE HENSSEN	GER	9:46.91	MICHELE SHINN	USA	2:51.81	DEBBIE YOUNGER	CAN			
1:10.74	ISUZU MAEDA	JPN	10:05.36	LINDA HAWORTH	CAN	2:53.36	LOUISE KEOGH	USA			
1:10.81	GEA TIMMER	NED	10:06.35	PAMELA NIX	AUS	2:53.38	AMANDA GOODMAN	GBR			
200 M. I.M.			10:12.74	TANIA JUNCO	CAN	2:53.86	LINDA VISSER	USA			
2:23.49	CINDY BERTELINK	CAN	10:14.14	ANNA-CARIN NORDIN	SWE	2:53.95	CHERYL CONLIN	USA			
2:32.59	KIMBERLEY BROCHU	CAN	10:14.90	PATRIZIA CASARI	ITA	50 M. FLY					
2:32.95	MIZUHO KAMADA	JPN	1500 M. FREE			29.09	DEBBIE YOUNGER	CAN			
2:33.68	SUSANA MENDEZ	ESP	18:18.50	NADINE DAY	USA	29.31	SILVIA PAROCCHI	ITA			
2:34.02	A.SACCHIERO	ITA	18:29.50	DANA WOODY	USA	29.50	NADINE DAY	USA			
2:34.98	LAURA BIANZANI	ITA	18:45.07	DEBBIE YOUNGER	CAN	29.62	YOKO YAMAGUCHI	JPN			
2:35.45	MELISSA VARLAS	USA	19:19.90	PAMELA NIX	AUS	29.77	MONICA SORO	ITA			
2:35.73	YURIKA HIROSE	JPN	19:27.56	TANIA JUNCO	CAN	29.83	MIKI TAKAYAMA	JPN			



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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	PASCALLE 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	PASCALLE 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
*****	WOMEN 50-54		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



**FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005**

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				1:20.44	MARGIT OHLSSON
11:12.41	ANNE LABORWIT	USA	3:24.18	KIYOKO YAMAGISHI	JPN	50 M. FREE			1:25.66	BONNIE PRONK
11:14.06	HELLA VERSVELD	CAN	3:24.62	GINGER PIERSON	USA	32.75	JEN THOMASSON	AUS	1:27.08	JEN THOMASSON
11:22.83	MEREDITH MOORE	USA	3:24.89	MARGARET BAKISH	CAN	32.92	JUDY WILSON	GBR	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	ANALTA 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	AUS
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	IRL
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	GER
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	USA
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	MICHELLE 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	ESP



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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





# FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

14:18.88	ADRIENNE PIPES	USA	4:13.14	MIYAKO UCHIDA	JPN	41.15	NANETTE BOHL	USA	2:06.94	CHIEKO AIBA	JPN
14:39.95	KASUMI ISHIKAWA	JPN	4:13.88	SETSUKO OKUBO	JPN	41.29	CHIE TANI	JPN	2:07.00	RENATE LANGEANI	BRA
14:47.06	GERDA GRASSE	GER	4:14.36	TOSHIE YOSHIDA	JPN	41.79	YOSHIKO YOSHIMURA	JPN	2:07.11	NAN BOHL	USA
14:55.26	TOSHIKO SUZUKI	JPN	50 M. FLY			42.89	EIKO MORI	JPN	2:07.51	KAZUKO TAGUCHI	JPN
1500 M. FREE			41.61	JANE ASHER	GBR	43.38	KIMIKO RI	JPN	2:07.77	EIKO MIWA	JPN
24:26.58	JANE ASHER	GBR	42.98	HISAKO SATO	JPN	43.81	BRITT GRILLI	SWE	200 M. BACK		
25:35.87	BARBARA FENTIMAN	GBR	45.45	JUDIE OLIVER	CAN	100 M. FREE			3:56.02	SYLVIA NEUHAUSER	AUT
26:40.45	DENISE ROBERTSON	AUS	45.61	V.JOHANSSON	SWE	1:24.31	GAIL ROPER	USA	3:57.22	BETTY LORENZI	USA
26:44.39	ADRIENNE PIPES	USA	47.61	HIROKO KATANO	JPN	1:30.85	MITSUOKO KOMURO	JPN	4:12.94	KERSTIN GJORES	SWE
27:03.91	LOTTIE GEURTS	NED	48.90	ANN KAY	USA	1:33.54	JEAN TROY	USA	4:23.24	THELMA BRYAN	AUS
27:14.82	MICHIKO OKUMURA	JPN	50.16	KYOKO OKA	JPN	1:33.94	NANETTE BOHL	USA	4:28.93	ERIKA LANGE	GER
27:31.35	JEAN KITSON	GBR	50.37	HIROKO OGAWA	JPN	1:34.89	BRITT GRILLI	SWE	4:35.15	JOAN KIDD	GBR
28:17.78	TOSHIKO SUZUKI	JPN	51.00	RONNIE KAMPHAUSEN	USA	1:37.63	BETTY RUSS	USA	4:35.66	EIKO MIWA	JPN
29:13.52	ANN HIRSCH	USA	51.09	BARBARA CALLISON	USA	1:39.25	AIKO HORII	JPN	4:35.96	PEGGY SANBORN	USA
29:33.68	YOSHIKO KINOSHITA	JPN	100 M. FLY			1:40.31	DOROTHY DICKEY	AUS	4:38.44	DOROTHY DICKEY	AUS
50 M. BACK			1:41.29	HISAKO SATO	JPN	1:41.53	CHIE TANI	JPN	4:40.00	KAZUKO TAGUCHI	JPN
41.23	SHOKO YONEZAWA	JPN	1:44.31	JUDIE OLIVER	CAN	1:41.79	BETTY LORENZI	USA	50 M. BRST		
42.85	V.JOHANSSON	SWE	1:46.53	JANE ASHER	GBR	200 M. FREE			50.91	GAIL ROPER	USA
44.63	JANE ASHER	GBR	1:55.29	ANN HIRSCH	USA	3:07.58	GAIL ROPER	USA	53.28	TERUKO ONO	JPN
44.71	MAE WALDIE	CAN	1:55.98	URSULA FROHLICH	GER	3:19.44	JEAN TROY	USA	54.21	ERIKA LANGE	GER
46.42	ANN KAY	USA	1:58.87	RONNIE KAMPHAUSEN	USA	3:29.79	NANETTE BOHL	USA	55.08	NANETTE BOHL	USA
47.73	JELTJE VAN BERGEN	NED	2:00.52	AYA HIRANO	JPN	3:30.69	MITSUOKO KOMURO	JPN	55.30	JARMILA REBICKOVA	CZE
48.49	KASUMI ISHIKAWA	JPN	2:02.09	JELTJE VAN BERGEN	NED	3:32.63	DOROTHY DICKEY	AUS	55.65	MARIKO OGAWA	JPN
48.50	URSULA FROHLICH	GER	2:02.44	KII SAITO	JPN	3:34.59	AIKO HORII	JPN	55.97	SAYOKO WATANABE	JPN
48.70	ETSUKO MATSUMOTO	JPN	2:05.19	MAE WALDIE	CAN	3:41.83	BETTY RUSS	USA	56.61	NICOLE SCHERLE	FRA
48.78	I.KEUSCH-RENNER	GER	200 M. FLY			3:46.49	YOSHIKO SHIMIZU	JPN	57.68	YOKO KOBAYASHI	JPN
100 M. BACK			4:06.92	JUDIE OLIVER	CAN	3:48.30	TSURUYO TANAKA	JPN	58.94	EIKO MORI	JPN
1:31.24	SHOKO YONEZAWA	JPN	4:17.33	JANE ASHER	GBR	3:48.48	NORIKO NISHIKAWA	JPN	100 M. BRST		
1:31.31	V.JOHANSSON	SWE	4:17.75	ANN HIRSCH	USA	400 M. FREE			1:52.49	GAIL ROPER	USA
1:38.03	JANE ASHER	GBR	4:30.53	AYA HIRANO	JPN	7:01.41	GAIL ROPER	USA	2:01.65	ERIKA LANGE	GER
1:41.71	JUDIE OLIVER	CAN	4:31.58	KYOKO HIGURASHI	JPN	7:05.28	JEAN TROY	USA	2:04.25	NANETTE BOHL	USA
1:42.03	MAE WALDIE	CAN	5:01.09	KAYO OKADA	JPN	7:18.31	BRITT GRILLI	SWE	2:07.90	EIKO MORI	JPN
1:44.70	ANN KAY	USA	5:07.11	CHIYO FUKUSHIMA	JPN	7:30.37	NANETTE BOHL	USA	2:09.17	SAYOKO WATANABE	JPN
1:46.18	JELTJE VAN BERGEN	NED	5:11.04	JANET MOELLER	USA	7:36.67	AIKO HORII	JPN	2:09.31	JEAN TROY	USA
1:48.40	I.KEUSCH-RENNER	GER	5:14.25	AILSA DUNCAN	AUS	7:37.89	BETTY RUSS	USA	2:09.57	ETSUKO KIMURA	JPN
1:48.53	DENISE ROBERTSON	AUS	5:16.59	NADIR TAUBERT	BRA	7:53.65	BETTY LORENZI	USA	2:12.16	BARBARA VICKERS	AUS
1:49.17	KASUMI ISHIKAWA	JPN	100 M. I.M.			8:08.01	CHIE TANI	JPN	2:12.50	JOAN KIDD	GBR
200 M. BACK			1:27.80	SHOKO YONEZAWA	JPN	8:15.14	EDIE GRUENDER	USA	2:13.19	MASAKO SHOJI	JPN
3:18.61	V.JOHANSSON	SWE	1:34.14	JANE ASHER	GBR	8:29.00	EVA-BRITT WIDAHL	SWE	200 M. BRST		
3:32.24	JANE ASHER	GBR	1:36.64	V.JOHANSSON	SWE	800 M. FREE			4:09.28	GAIL ROPER	USA
3:45.02	KASUMI ISHIKAWA	JPN	1:40.89	URSULA FROHLICH	GER	14:12.12	GAIL ROPER	USA	4:31.01	NANETTE BOHL	USA
3:45.52	URSULA FROHLICH	GER	1:42.76	MASAYO AZUMA	JPN	14:44.66	JEAN TROY	USA	4:37.16	ERIKA LANGE	GER
3:49.94	MARLENE MENDES	BRA	1:43.25	JUDIE OLIVER	CAN	15:06.89	DOROTHY DICKEY	AUS	4:47.35	EIKO MORI	JPN
3:50.09	ANN KAY	USA	1:45.21	JELTJE VAN BERGEN	NED	15:55.10	BETTY LORENZI	USA	4:50.61	JOAN KIDD	GBR
3:53.28	JELTJE VAN BERGEN	NED	1:46.02	MAE WALDIE	CAN	16:42.96	EDIE GRUENDER	USA	4:50.95	BARBARA OWENS	USA
3:57.16	DENISE ROBERTSON	AUS	1:46.43	ANN HIRSCH	USA	17:15.53	SHEILA NAIMAN	CAN	4:51.52	JUSTINE BAMFORD	AUS
4:00.69	RONNIE KAMPHAUSEN	USA	1:46.58	ANN KAY	USA	17:48.92	ERIKA LANGE	GER	5:01.38	CORRIE DEGROOT	AUS
4:01.46	MAE WALDIE	CAN	200 M. I.M.			18:02.19	BETTY MC MILLAN	USA	5:03.89	NGAIRE BONE	NZL
50 M. BRST			3:27.58	JANE ASHER	GBR	18:22.62	S.BUDER	USA	5:04.59	NOBUKO NAKAJIMA	JPN
42.80	SHOKO YONEZAWA	JPN	3:32.12	V.JOHANSSON	SWE	18:29.94	PEGGY SANBORN	USA	50 M. FLY		
45.55	MASAYO AZUMA	JPN	3:33.34	JUDIE OLIVER	CAN	1500 M. FREE			44.24	GAIL ROPER	USA
48.40	I.KEUSCH-RENNER	GER	3:39.21	MASAYO AZUMA	JPN	26:37.02	GAIL ROPER	USA	54.94	CHIE TANI	JPN
48.45	DIANE STOWELL	USA	3:47.36	URSULA FROHLICH	GER	28:49.97	DOROTHY DICKEY	AUS	55.55	JEAN TROY	USA
49.17	MATHILDE LAURITO	BRA	3:52.89	ANN HIRSCH	USA	30:00.87	BETTY LORENZI	USA	58.40	AYAE FUKUDA	JPN
50.11	MYRNA TAYLOR	GBR	3:54.17	RONNIE KAMPHAUSEN	USA	31:34.84	EDIE GRUENDER	USA	58.64	AKIKO ONOHARA	JPN
50.48	ANN HIRSCH	USA	3:56.50	JELTJE VAN BERGEN	NED	32:23.70	SHEILA NAIMAN	CAN	59.26	NORIKO NISHIKAWA	JPN
50.85	V.JOHANSSON	SWE	3:58.61	MICHIKO OKUMURA	JPN	34:57.72	BETTY MC MILLAN	USA	1:00.02	YVETTE KAPLAN	FRA
52.07	JOHNNIE DETRICK	USA	4:04.07	MAE WALDIE	CAN	36:14.49	CHIEKO MORIKANE	JPN	1:02.40	HARUE INOUE	JPN
52.32	MASAE KURATA	JPN	400 M. I.M.			37:06.99	PEGGY SANBORN	USA	1:03.45	MARIANNA HAGAN	USA
100 M. BRST			7:32.83	JANE ASHER	GBR	37:44.66	TOSHIKO AMANO	JPN	1:05.25	SHIZUE OKUDA	JPN
1:35.58	SHOKO YONEZAWA	JPN	7:34.98	URSULA FROHLICH	GER	37:47.65	MARGARET DAVEY	AUS	100 M. FLY		
1:36.94	MASAYO AZUMA	JPN	8:15.02	ANN HIRSCH	USA	50 M. BACK			1:49.36	GAIL ROPER	USA
1:45.39	DIANE STOWELL	USA	8:37.44	MAE WALDIE	CAN	48.22	KIMIKO OOKA	JPN	1:50.11	SYLVIA NEUHAUSER	AUT
1:49.31	ANN HIRSCH	USA	8:58.99	TSUYAKO WATANABE	JPN	49.51	BETTY LORENZI	USA	2:10.59	BETTY RUSS	USA
1:50.17	JUDIE OLIVER	CAN	8:59.86	ANNIE DE VOS	NED	51.00	KERSTIN GJORES	SWE	2:10.77	CHIE TANI	JPN
1:52.55	TAKAKO UESUGI	JPN	9:02.08	HERTA GREGG	GER	52.80	RUZENA VYMAZALOVA	CZE	2:11.01	JEAN TROY	USA
1:54.03	JANE ASHER	GBR	9:10.14	EULAH VARTY	CAN	53.50	THELMA BRYAN	AUS	2:12.55	YVETTE KAPLAN	FRA
1:54.32	KYOKO SATO	JPN	9:28.13	TOSHIE YOSHIDA	JPN	53.95	MITSUOKO KURASHIGE	JPN	2:27.93	EDIE GRUENDER	USA
1:55.71	MIYAKO UCHIDA	JPN	9:45.35	JANET MOELLER	USA	55.50	CYNTHIA BARTON	USA	2:28.46	THELMA BRYAN	AUS
1:55.91	JELTJE VAN BERGEN	NED	*****			55.65	CHIEKO AIBA	JPN	2:36.50	JOAN CAMPBELL	USA
200 M. BRST			*****			56.23	ERIKA LANGE	GER	3:39.99	TOSHIKO AMANO	JPN
3:28.98	MASAYO AZUMA	JPN	*****			56.45	EIKO MIWA	JPN	200 M. FLY		
3:30.16	SHOKO YONEZAWA	JPN	*****			100 M. BACK			5:07.10	THELMA BRYAN	AUS
3:43.02	DIANE STOWELL	USA	50 M. FREE			1:47.62	BETTY LORENZI	USA	5:09.06	EDIE GRUENDER	USA
3:52.02	ANN HIRSCH	USA	37.29	GAIL ROPER	USA	1:57.49	THELMA BRYAN	AUS	7:29.57	LUIZA SILVA	BRA
4:02.14	MATHILDE LAURITO	BRA	40.42	MITSUOKO KOMURO	JPN	2:02.00	RUZENA VYMAZALOVA	CZE	8:52.67	GLORIA STUFFEL	USA
4:05.74	TAKAKO UESUGI	JPN	40.81	BETTY RUSS	USA	2:03.39	CYNTHIA BARTON	USA	9:34.27	MARIAN WOLLE	USA
4:10.44	NORIKO KIMURA	JPN	41.07	JEAN TROY	USA	2:06.39	DOROTHY DICKEY	AUS	100 M. I.M.		



## FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

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	*****		1:17.28 HIROE WAKIYA	JPN
*****		1:03.32 TAZUKO YASUOKA	JPN	*****		1:19.95 RITA SIMONTON	USA
*****		1:03.97 DORIS MCEWAN	CAN	*****		1:20.69 EDITH GLUSAC	USA
*****		1:05.07 M. CUNNINGHAM	AUS	*****		1:23.68 ATSUKO YOKOO	JPN
*****		1:05.71 MARGERY MEYER	USA	*****		1:24.70 CANDIDA GANDOLPHO	BRA
*****		1:06.43 MIRIAM TUOVILA	USA	*****		1:25.30 HELGA BITTER	GER
*****		100 M. BRST		*****		1:37.47 JEANNE TURGEON	CAN
*****		2:14.23 LOIS NOCHMAN	USA	*****		1:41.90 RAE SMIT	RSA
*****		2:19.27 MICHELE GUILLAIS	FRA	*****		1:43.89 LAURA OLIVEIRA	BRA
*****		2:21.49 MURIEL FLYNN	USA	*****		100 M. BRST	
*****		2:27.99 MARGERY MEYER	USA	*****		2:39.29 MICHIKO HAMURO	JPN
*****		2:29.41 MIRIAM TUOVILA	USA	*****		3:02.66 RITA SIMONTON	USA
*****		2:29.84 SUMIKO YANAGISAWA	JPN	*****		3:17.48 EDITH GLUSAC	USA
*****		2:31.66 M. CUNNINGHAM	AUS	*****		3:36.23 JEANNE TURGEON	CAN
*****		2:32.94 TAZUKO YASUOKA	JPN	*****		3:45.00 CARRIE HATSWELL	AUS
*****		2:33.73 NORA RONAI	BRA	*****		3:53.44 MARY KEMP	AUS
*****		2:35.87 KALIS RASMUSSEN	CAN	*****		4:00.12 EMILY GODSALL	GBR
*****		200 M. BRST		*****		4:03.85 KAY SCHIMPF	USA
*****		5:02.47 LOIS NOCHMAN	USA	*****		4:21.67 MARY GARTON	AUS
*****		5:03.70 MURIEL FLYNN	USA	*****		200 M. BRST	
*****		5:16.48 MIRIAM TUOVILA	USA	*****		5:41.06 MICHIKO HAMURO	JPN
*****		5:18.53 SUMIKO YANAGISAWA	JPN	*****		6:35.78 RITA SIMONTON	USA
*****		5:30.81 M. CUNNINGHAM	AUS	*****		50 M. FLY	
*****		5:36.49 KALIS RASMUSSEN	CAN	*****		1:31.13 EDITH GLUSAC	USA





# FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

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 MUNIYASU 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 MICHICO 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 EADY 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 KEITARU 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 KEITARU 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 BRAKHANN 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 GUILLAUME 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 RSA
*****	*****	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
*****	*****		51.46 STEPHANE MEYER FRA



**FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005**

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		*****			28.44	DEREK MURCHIE	CAN
800 M.	FREE		2:23.34	RAFFAELE NOTTE	ITA		M E N 35-39		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



**FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005**

2:24.48	JONATHAN BANVILLE	USA		M E N 40-44	29.52	N.LECHEVALIER	FRA	200 M. FLY			
2:24.58	ROQUE SANTOS	USA	*****		100 M. BACK			2:06.48	DENNIS BAKER	USA	
2:28.33	MICHAEL HELMSOTH	GER	50 M. FREE		59.91	HIROYOSHI MAETOGE	JPN	2:08.48	MIKE SHAFFER	USA	
2:29.00	SEAN FRAMPTON	USA	23.87	CYRO DELGADO	BRA	1:00.46	PETER MCKINNON	CAN	2:15.85	DAMIANO NANETTI	ITA
2:29.91	MATTHEW KINNEY	USA	24.10	METELLO SAVINO	ITA	1:00.90	CLAY BRITT	USA	2:18.49	DETLEV MAAS	GER
2:31.11	MARCEL SCHOLTEN	GBR	24.18	CHUCK PONTHER	USA	1:01.69	CRAIG NORREY	SUI	2:18.68	STEVEN STOTHERS	CAN
2:31.71	SVEN GRUNERT	GER	24.23	JOAKIM SJOHOLM	SWE	1:01.77	MICHEL POU	FRA	2:18.95	MICHAEL SCHMIDT	USA
2:31.86	MARCUS REINEKE	GER	24.29	MARK NOETZEL	USA	1:01.85	THOMAS DOCKHORN	GER	2:21.09	JONATHAN OLSEN	USA
2:32.74	ARTHUR BOYKO	USA	24.29	LARS HINNEBURG	GER	1:02.13	LEN GUSHE	CAN	2:21.27	PETER RAINEY	AUS
50 M. FLY			24.35	HARTMUT BERNER	GER	1:02.50	PAOLO FELOTTI	ITA	2:21.32	DOUG WILLIAMSON	USA
25.23	BRIAN ALDERMAN	USA	24.50	MARK FORIS	CAN	1:02.56	N.LECHEVALIER	FRA	2:21.87	PABLO CONDE	CAN
25.66	KAZUHIKO YAMAKAWA	JPN	24.60	LAURENT NEUVILLE	FRA	1:03.27	MATT BUTLER	CAN	100 M. I.M.		
25.74	MICHAEL ROSS	USA	24.61	HENRY STEWART	USA	200 M. BACK		1:00.80	MARCEL EKKELEBOOM	GER	
25.93	HIROSHI MIURA	JPN	100 M. FREE		2:10.73	LEN GUSHE	CAN	1:00.90	HARTMUT BERNER	GER	
26.14	BARRY SARETSKY	CAN	52.09	CYRO DELGADO	BRA	2:13.48	N.LECHEVALIER	FRA	1:01.88	JOAKIM SJOHOLM	SWE
26.23	SHINTARO NAGASAKI	JPN	52.72	JOAKIM SJOHOLM	SWE	2:13.93	PETER MCKINNON	CAN	1:02.54	PEDRO HERNANDEZ	PUR
26.32	STEVE HILTABIDDLE	USA	52.85	MARK REYNOLDS	GBR	2:14.77	EDWIN VAN NORDEN	NED	1:02.68	GABRIELE MAINI	ITA
26.48	KEITH DENNISON	USA	53.04	MARCEL EKKELEBOOM	GER	2:15.37	WOJTTECH BLECHAR	GER	1:02.85	CYRO DELGADO	BRA
26.58	HARUNORI UCHIBORI	JPN	53.20	METELLO SAVINO	ITA	2:15.93	MIKE SHAFFER	USA	1:02.90	ROSTISLAV SLECHTA	CZE
26.60	OLIVIER FAYOLLE	FRA	53.39	PETER MCKINNON	CAN	2:17.90	DAVE TOWN	CAN	1:02.92	MICHAEL BRETT	GBR
100 M. FLY			53.62	MARK NOETZEL	USA	2:20.27	RICHARD PEASE	USA	1:02.96	GILLES DESCHENES	CAN
56.91	MICHAEL ROSS	USA	53.94	DAVID BOATWRIGHT	USA	2:20.63	PAOLO CARMINATI	ITA	1:02.98	J.ANDRE MELLADO	FRA
57.01	HIROYUKI NAKAMURA	JPN	54.31	SCOTT ROBINSON	USA	2:21.10	BRAD ROBY	USA	200 M. I.M.		
57.94	KAZUHIKO YAMAKAWA	JPN	54.35	CRAIG NORREY	SUI	50 M. BRST		2:15.75	LEN GUSHE	CAN	
58.02	ANDREA TOJA	ITA	200 M. FREE		30.16	PEDRO HERNANDEZ	PUR	2:16.00	DAVE TOWN	CAN	
58.17	BARRY SARETSKY	CAN	1:53.49	KAI DITZEL	GER	30.55	PER NORLIN	SWE	2:16.41	J.ANDRE MELLADO	FRA
58.32	JOHN O'KEEFE	USA	1:56.06	CYRO DELGADO	BRA	30.64	MARCO BOBBIO	ITA	2:17.28	DIRK MARSHALL	USA
58.54	STEVE HILTABIDDLE	USA	1:57.50	F.SILVESTRI	ITA	31.05	M.WILLIAMSON	CAN	2:17.64	MARK STORI	USA
58.61	JEFF PRIOR	USA	1:57.91	MARK REYNOLDS	GBR	31.26	KAZUHIKO MINAKAWA	JPN	2:17.83	WOJTTECH BLECHAR	GER
58.91	ROSS DAVIS	USA	1:57.92	MICHAEL PRUFERT	GER	31.27	TADASHI FUJIMOTO	JPN	2:17.92	GILLES DESCHENES	CAN
58.91	KEITH DENNISON	USA	1:58.22	PETER MCKINNON	CAN	31.32	THOMAS LIGL	GER	2:20.16	NEWTON KAMINSKI	BRA
58.91	HANS NILSSON	SWE	1:58.83	LUDEK BURIAN	CZE	31.32	J.ANDRE MELLADO	FRA	2:20.30	SCOTT ROBINSON	USA
200 M. FLY			1:58.87	MIKE SHAFFER	USA	31.39	VITOR CORDEIRO	BRA	2:20.82	GLENN DIXON	USA
2:08.16	HIROYUKI NAKAMURA	JPN	1:59.60	MICHAEL KLEIBER	GER	31.53	DEAN PUTTERMAN	USA	400 M. I.M.		
2:11.22	JOHN O'KEEFE	USA	1:59.89	ALAIN BELLAGUET	FRA	100 M. BRST		4:44.38	DENNIS BAKER	USA	
2:11.40	MARK MAGEE	USA	400 M. FREE		1:06.51	PEDRO HERNANDEZ	PUR	4:47.16	MIKE SHAFFER	USA	
2:13.40	MARCELO F.CRUZ	BRA	4:01.56	KAI DITZEL	GER	1:07.78	THOMAS LIGL	GER	4:47.23	LEN GUSHE	CAN
2:14.90	OLIVIER GALLET	FRA	4:08.39	MIKE SHAFFER	USA	1:08.66	M.WILLIAMSON	CAN	4:48.90	WOJTTECH BLECHAR	GER
2:15.82	RAUL ANDRADE	BRA	4:09.12	F.SILVESTRI	ITA	1:09.01	TADASHI FUJIMOTO	JPN	4:51.25	PAOLO CARMINATI	ITA
2:16.39	ALBERTO MONTINI	ITA	4:10.07	MICHAEL PRUFERT	GER	1:09.06	DEAN PUTTERMAN	USA	4:51.81	DAVE TOWN	CAN
2:16.85	ROSS DAVIS	USA	4:10.82	MICHAEL KLEIBER	GER	1:09.71	STEVEN CRYER	GBR	4:52.20	A.TIBERTI	ITA
2:16.85	BARRY SARETSKY	CAN	4:14.49	CYRO DELGADO	BRA	1:09.82	ANDREAS DIEHL	GER	4:56.73	J.ANDRE MELLADO	FRA
2:17.33	DANNY FINCH	CAN	4:15.81	LEN GUSHE	CAN	1:09.85	STEPHANE MILETTE	CAN	4:56.85	MARK STORI	USA
100 M. I.M.			4:16.69	B.BORDONALI	ITA	1:10.05	NEWTON KAMINSKI	BRA	4:58.68	ANDERS RASMUSSEN	USA
1:00.05	LORENZO BENUCCI	USA	4:19.43	GERRY RODRIGUES	USA	1:10.50	MARK STORI	USA	*****		
1:00.35	KAZUHIKO YAMAKAWA	JPN	4:19.46	MICHEL POU	FRA	200 M. BRST		M E N 45-49			
1:00.45	NORIYUKI KAGAMI	JPN	800 M. FREE		2:30.71	THOMAS KIPP	GER	*****			
1:00.70	JEFF WELECHUK	CAN	8:31.69	KAI DITZEL	GER	2:30.74	J.ANDRE MELLADO	FRA	50 M. FREE		
1:00.72	BARRY SARETSKY	CAN	8:34.89	MICHAEL KLEIBER	GER	2:30.83	PAOLO CARMINATI	ITA	24.08	BRENT BARNES	JPN
1:00.88	JOCHEN BRUHA	GER	8:41.58	MICHAEL PRUFERT	GER	2:30.89	STEVEN CRYER	GBR	24.80	LARRY FORSYTH	AUS
1:00.94	JEFF PRIOR	USA	8:46.34	MIKE SHAFFER	USA	2:31.06	THOMAS LIGL	GER	25.22	MARCO COLOMBO	ITA
1:01.01	ALBERTO MONTINI	ITA	8:51.70	B.BORDONALI	ITA	2:32.04	DEAN PUTTERMAN	USA	25.25	ALBERT BOONSTRA	NED
1:01.06	HAJIME MORIMOTO	JPN	8:52.91	LEN GUSHE	CAN	2:32.53	DAVE TOWN	CAN	25.32	STEVE WOOD	USA
1:01.06	MARCO ORSINI	ITA	8:54.60	GERRY RODRIGUES	USA	2:33.15	M.WILLIAMSON	CAN	25.41	BRUNO SOULAS	FRA
200 M. I.M.			9:08.85	MICHAEL SCHMIDT	USA	2:34.13	STEPHANE MILETTE	CAN	25.43	GREGG SANDERS	USA
2:09.92	LORENZO BENUCCI	USA	9:09.00	RANDY EICKHOFF	USA	2:37.38	MARK STORI	USA	25.46	KEITH BERRYHILL	USA
2:11.06	ALBERTO MONTINI	ITA	9:12.54	JONATHAN OLSEN	USA	50 M. FLY		25.60	JAMES HOBBSLEY	GBR	
2:12.47	ROQUE SANTOS	USA	1500 M. FREE		25.13	HARTMUT BERNER	GER	25.68	Fritz Lehman	USA	
2:14.36	STEPHEN SMITH	USA	16:28.84	MIKE SHAFFER	USA	25.90	CHUCK PONTHER	USA	100 M. FREE		
2:15.13	MARK MAGEE	USA	16:37.00	KAI DITZEL	GER	26.02	GABRIELE MAINI	ITA	53.04	MARCO COLOMBO	ITA
2:15.92	HARUNORI UCHIBORI	JPN	17:05.75	LEN GUSHE	CAN	26.57	FABIO MARCHESI	ITA	53.61	BRENT BARNES	JPN
2:16.31	DANNY FINCH	CAN	17:13.83	GERRY RODRIGUES	USA	26.61	MARCEL EKKELEBOOM	GER	54.47	LARRY FORSYTH	AUS
2:17.21	BARRY SARETSKY	CAN	17:36.99	JONATHAN OLSEN	USA	26.61	RICARDO SANTOS	BRA	55.18	DMITRI KHODKO	RUS
2:17.36	SHUJI AZUMA	JPN	17:37.27	MATTHEW BAILEY	USA	26.79	DIRK MARSHALL	USA	55.86	BRUNO SOULAS	FRA
2:17.61	JONATHAN BANVILLE	USA	17:41.08	TIM HEDRICK	USA	26.91	JOAKIM SJOHOLM	SWE	56.35	KLAUS SPRANZ	GER
400 M. I.M.			17:44.82	CALVIN HARRIS	GBR	26.94	LAURENT NEUVILLE	FRA	56.45	GUY DAVIS	GBR
4:43.45	LORENZO BENUCCI	USA	17:55.67	DETLEV MAAS	GER	26.98	MARK NOETZEL	USA	56.65	MARKUS REINHARDT	GER
4:44.30	MARK MAGEE	USA	18:11.09	MATT DIXON	USA	100 M. FLY		56.82	KEITH BERRYHILL	USA	
4:44.95	ROQUE SANTOS	USA	50 M. BACK		56.62	HARTMUT BERNER	GER	57.04	ALBERT BOONSTRA	NED	
4:47.23	YOSHIIHITO NAKAHAR	JPN	27.49	CRAIG NORREY	SUI	57.56	MARCEL EKKELEBOOM	GER	200 M. FREE		
4:47.27	JEFF PRIOR	USA	27.78	HIROYOSHI MAETOGE	JPN	58.25	MIKE SHAFFER	USA	1:57.74	MARCO COLOMBO	ITA
4:48.51	ALBERTO MONTINI	ITA	28.08	PETER MCKINNON	CAN	59.23	RICARDO SANTOS	BRA	1:58.55	MARCUS MATTIOLI	BRA
4:49.69	PATRICK BRUNDAGE	USA	28.47	CLAY BRITT	USA	59.42	PAUL YELLE	CAN	2:02.33	FRANK CHRISTIAN	AUS
4:50.86	DANNY FINCH	CAN	29.06	PAOLO FELOTTI	ITA	1:00.10	ROSTISLAV SLECHTA	CZE	2:02.80	ERIC EMINENTE	FRA
4:51.57	STEPHEN SMITH	USA	29.10	EDWIN VAN NORDEN	NED	1:00.21	STEVEN STOTHERS	CAN	2:03.99	SIMON VEALE	GBR
4:52.16	PHILLIP KING	USA	29.23	MICHEL POU	FRA	1:00.22	DAVE TOWN	CAN	2:04.29	MARKUS REINHARDT	GER
*****			29.39	JIM JORDAN	USA	1:00.23	LAURENT NEUVILLE	FRA	2:04.41	MARK DRENNEN	USA
*****			29.44	ROGER BRISBANE	USA	1:00.24	HENRY STEWART	USA			





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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



**FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005**

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
						2:22.13	JAMES MCCONICA	USA	2:24.33	RICHARD SMITH	USA
						2:33.27	DOUGLAS MILLER	USA	2:24.71	JOACHIM HINTZE	GER
						2:33.74	JIM CLEMMONS	USA	400 M. FREE		
						2:46.26	D.UIJTENBOGAART	NED	4:43.69	JOHN CALVERT	USA
						2:47.20	FRED BAIRD	USA	4:44.30	DUNCAN MCCREADIE	GBR
						2:49.73	BOB KOLONKOWSKI	USA	4:56.07	DON DAVIS	USA
						2:51.20	CLAUS KOCH	CAN	4:56.26	VITTORIO ERMIRIO	ITA
						2:51.95	FRANK MCELROY	USA	5:05.00	RUDOLF SMERDA	CZE
						2:52.46	STEVE HECK	USA	5:06.42	RICHARD SMITH	USA
						2:52.53	PAULO MOTTA	BRA	5:06.91	JOACHIM HINTZE	GER
						100 M. I.M.			5:07.31	SANDY GALLETLY	GBR
						1:07.54	C.STARZEC	FRA	5:07.41	JEAN CLAUDE FAURE	FRA
						1:07.62	GEORGE SCHMIDT	USA	5:07.61	GUIDO BAUDI	ITA
						1:07.90	JAMES MCCONICA	USA	800 M. FREE		
						1:08.29	TAKEO HIRAMOTO	JPN	9:43.83	DUNCAN MCCREADIE	GBR
						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 ORENZO	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





**FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005**

2:57.44	TAISUKE MIYAZAKI	JPN	2:48.59	LARRY GOOD	USA	100 M. BRST	6:39.24	JOHN CRISP	AUS		
3:05.26	WILLIAM LETCH	GBR	400 M. FREE			1:24.13	TETSUO NAKAMARU	JPN	7:07.80	HORST KESTENER	BRA
3:12.42	DAVID CUMMING	GBR	5:29.16	JOHN CRISP	AUS	1:25.87	PETER BELL	CAN	7:13.47	GEROLAMO FORLANI	ITA
3:20.42	HERBERT GROSSER	GER	5:30.42	CAV CAVANAUGH	USA	1:27.42	THOMAS WALKER	GBR	7:26.97	H.MULLER	GER
3:21.54	LUIS SIMI	BRA	5:32.76	DAVID RADCLIFF	USA	1:28.08	SHUNSAKU TAKAHIRA	JPN	7:31.14	PAUL ALVAREZ	GBR
3:21.89	JOAQUIN CANALES	ESP	5:58.36	PETER BARTSCHI	SUI	1:29.04	HARTMUT LEMCKE	GER	7:31.25	SHIGEMI SUGIOKA	JPN
3:22.32	PETER WILKINSON	NZL	5:58.97	ALAN RAPPERPORT	USA	1:29.15	CLAUDE SIBBILLE	FRA	7:34.14	MASAYASU KAMIYA	JPN
3:22.66	CLAUDIO NEGRI	ITA	6:01.92	ARTHUR LOWE	GBR	1:29.66	HIROFUMI HOSOTANI	JPN	7:37.62	DICK SMITH	NZL
3:24.92	JIM PERILMAN	USA	6:11.29	JOHN STARR	GBR	1:30.03	TSUTOMU KAJIHARA	JPN	7:39.04	YOSHINAO KAMEI	JPN
100 M. I.M.			6:11.53	WILHELM RAUCH	USA	1:31.64	H.MULLER	GER	7:47.34	PATRICK GALVIN	AUS
1:17.35	ADU HEWELCKE	GER	6:11.69	MASAYASU KAMIYA	JPN	1:32.29	BOB PATTEN	USA			
1:17.53	HELMUT RICHTER	GER	6:12.45	HORST KESTENER	BRA	200 M. BRST					
1:17.63	JOAQUIN CANALES	ESP	800 M. FREE			3:09.86	PETER BELL	CAN			
1:19.08	COLIN MAYRHOFER	FRA	11:25.65	JOHN CRISP	AUS	3:13.39	THOMAS WALKER	GBR			
1:19.38	HANS REICHEL	GER	11:27.62	DAVID RADCLIFF	USA	3:15.42	HARTMUT LEMCKE	GER			
1:19.55	MOTOHISA HIROSE	JPN	12:20.23	ARTHUR LOWE	GBR	3:17.39	H.MULLER	GER	32.85	FUMIO EGAMI	JPN
1:19.97	KEITH INGRAM	GBR	12:47.95	WILHELM RAUCH	USA	3:18.89	CLAUDE SIBBILLE	FRA	32.91	TAKAHIKO NOMA	JPN
1:20.08	JOACHIM SCHULZE	GER	12:53.61	JOHN STARR	GBR	3:19.00	BOB PATTEN	USA	32.93	MAX VAN GELDER	AUS
1:20.20	GARY NICHOLLS	AUS	12:57.19	BOB BEST	USA	3:19.87	BELA SANDOR	USA	33.51	CHARLES BALDWIN	USA
1:20.39	TOM VERTH	CAN	13:08.51	MASAYASU KAMIYA	JPN	3:21.10	H.JURGEN MULLER	GER	33.66	ALLEN MILES	GBR
200 M. I.M.			13:09.71	ROBERT MAYO	USA	3:22.96	TSUTOMU KAJIHARA	JPN	33.76	ZENUJI NAKAHARI	JPN
2:54.59	TADASHI IWAMOTO	JPN	13:24.41	CHRISTOPHER SMITH	CAN	3:25.12	ERIVALDO LIMA	BRA	33.97	ARAM BOGHOSSIAN	BRA
2:59.08	JOACHIM SCHULZE	GER	13:29.40	BILL KING	USA	50 M. FLY			34.03	SHOICHI SHIDA	JPN
3:00.29	KEITH INGRAM	GBR	1500 M. FREE			34.58	MASARU IGARASHI	JPN	34.26	TOSHIMI INATOMI	JPN
3:00.75	WILLIAM LETCH	GBR	21:17.81	JOHN CRISP	AUS	34.68	BOB BAILIE	USA	34.57	HAL BEGEL	USA
3:01.30	EWALD BASTEK	POL	24:20.78	ARTHUR LOWE	GBR	35.39	CLARKE MITCHELL	USA	100 M. FREE		
3:01.60	P.WERMELSKIRCHEN	GER	24:41.60	JOHN STARR	GBR	35.41	RON JOHNSON	USA	1:14.29	FUMIO EGAMI	JPN
3:06.29	JOAQUIN CANALES	ESP	24:41.74	WILHELM RAUCH	USA	35.58	MASAYASU KAMIYA	JPN	1:16.15	SHOICHI SHIDA	JPN
3:08.58	MASARU SHINKAI	JPN	24:44.13	ROBERT MAYO	USA	35.77	JOHN JACEY	GBR	1:17.72	DONALD SONIA	USA
3:08.95	NOBUYOSHI MIYAMOTO	JPN	24:48.41	GEROLAMO FORLANI	ITA	36.18	TAKASHI HAYASHI	JPN	1:18.07	ROD BAKER	AUS
3:10.22	NIC GEERS	NED	24:49.66	MASAYASU KAMIYA	JPN	36.81	TSUTOMU KAJIHARA	JPN	1:18.16	MAX VAN GELDER	AUS
400 M. I.M.			25:26.06	CHRISTOPHER SMITH	CAN	37.61	JOJI OSHIMA	JPN	1:18.62	ARAM BOGHOSSIAN	BRA
6:14.67	DICK STEWART	USA	25:33.87	SHIGEMITSU TOKUNA	JPN	37.69	FLAVIO FIGUEIREDO	BRA	1:19.30	YUJI SUZUKI	JPN
6:21.88	TADASHI IWAMOTO	JPN	25:38.79	COLIN CLIFF	AUS	100 M. FLY			1:19.71	HAL BEGEL	USA
6:30.08	RICHARD KITCHELL	USA	50 M. BACK			1:22.37	TAKASHI HAYASHI	JPN	1:20.00	KEN KIMBALL	USA
6:38.67	EWALD BASTEK	POL	34.89	YOSHI OYAKAWA	USA	1:25.54	MASARU IGARASHI	JPN	1:20.77	KENSHO ITAMOTO	JPN
6:39.37	P.WERMELSKIRCHEN	GER	36.07	SHIGEHISA SEKIKAW	JPN	1:26.07	JOHN CRISP	AUS	200 M. FREE		
6:44.24	KEITH INGRAM	GBR	37.20	BURWELL JONES	USA	1:26.88	MASAYASU KAMIYA	JPN	2:49.36	FUMIO EGAMI	JPN
6:44.25	JOACHIM SCHULZE	GER	38.22	RON JOHNSON	USA	1:33.76	DREN GEER	USA	2:49.53	HIROSHI YOSHIMURA	JPN
6:46.72	JURGEN LOWAG	GER	38.70	MAMPEI SEINO	JPN	1:33.77	HEINZ KRAUSS	GER	2:56.08	ARAM BOGHOSSIAN	BRA
6:50.44	E.NODENSCHNEIDER	FRA	38.94	CLARKE MITCHELL	USA	1:34.50	DAVID RADCLIFF	USA	2:58.29	CHARLES BALDWIN	USA
6:53.52	NIC GEERS	NED	39.06	VICENT MILLER	ESP	1:34.65	TAKASHI SATO	JPN	3:03.00	FRED LEHMAN	USA
			39.60	ENNO KREUZNER	BRA	1:34.87	FLAVIO FIGUEIREDO	BRA	3:03.04	KEN KIMBALL	USA
			40.36	SATOSHI MORIMOTO	JPN	1:35.00	H.JURGEN MULLER	GER	3:03.78	DICK BOWER	USA
			40.62	ALAN RAPPERPORT	USA	200 M. FLY			3:04.90	ROD BAKER	AUS
			100 M. BACK			3:13.23	TAKASHI HAYASHI	JPN	3:05.73	MARIYAN STIPETIC	CAN
			1:18.32	YOSHI OYAKAWA	USA	3:26.33	ERIVALDO LIMA	BRA	3:06.31	KEN MCKAY	GBR
			1:18.99	SHIGEHISA SEKIKAW	JPN	3:41.21	GEROLAMO FORLANI	ITA	400 M. FREE		
			1:23.72	CLARKE MITCHELL	USA	3:44.28	STAN MORNER	USA	6:01.79	HIROSHI YOSHIMURA	JPN
			1:24.47	MAMPEI SEINO	JPN	3:46.32	BOB BEST	USA	6:35.60	MARIYAN STIPETIC	CAN
			1:24.75	BURWELL JONES	USA	3:46.38	PAUL ALVAREZ	GBR	6:37.73	FRED LEHMAN	USA
			1:28.14	ALAN RAPPERPORT	USA	3:51.92	HORST KESTENER	BRA	6:45.45	DICK BOWER	USA
			1:29.15	VICENT MILLER	ESP	3:58.89	MASAYASU KAMIYA	JPN	6:47.59	SIDNEY SALEK	NZL
			1:29.72	D CLAYSON	USA	3:59.43	SAUL BIRMAN	BRA	6:48.00	DOMENICO CASOLINO	ITA
			1:29.88	MICHIO KUBOTA	JPN	4:03.43	BOB GARNHAM	RSA	6:53.68	HARVEY PROSSER	USA
			1:30.13	ENNO KREUZNER	BRA	100 M. I.M.			6:55.18	KEN MCKAY	GBR
			200 M. BACK			1:22.16	JOHN CRISP	AUS	6:57.50	HORST FRITZSCHE	GER
			2:58.96	YOSHI OYAKAWA	USA	1:22.19	CAV CAVANAUGH	USA	6:58.53	KARL OTTO MODIN	SWE
			3:05.04	MAMPEI SEINO	JPN	1:23.75	MASAYASU KAMIYA	JPN	800 M. FREE		
			3:07.35	LARRY GOOD	USA	1:24.09	BELA SANDOR	USA	13:49.12	FRED LEHMAN	USA
			3:09.51	THOMAS WALKER	GBR	1:25.06	HITOSHI KATO	JPN	14:02.27	MICHEL DELAMARE	FRA
			3:16.20	ALAN RAPPERPORT	USA	1:25.32	THOMAS WALKER	GBR	14:13.78	KEN KIMBALL	USA
			3:17.47	ENNO KREUZNER	BRA	1:25.65	BOB BEST	USA	14:15.41	HORST FRITZSCHE	GER
			3:18.44	HERMANN OSTERLOH	GER	1:26.17	WERNER MULLER	GER	14:15.53	PAUL KIELL	USA
			3:19.04	VICENT MILLER	ESP	1:26.95	TSUTOMU KAJIHARA	JPN	14:27.22	MARIYAN STIPETIC	CAN
			3:20.34	D CLAYSON	USA	1:27.02	HORST KESTENER	BRA	14:30.72	DICK BOWER	USA
			3:21.29	ROGER BURREL	GBR	200 M. I.M.			14:39.33	STAN JACOBS	AUS
			50 M. BRST			3:03.20	JOHN CRISP	AUS	14:52.48	BRUNELLO GRAJA	ITA
			37.68	AKIO SUGIYAMA	JPN	3:08.80	DAVID RADCLIFF	USA	15:01.78	GRANT JEFFREY	CAN
			38.41	TETSUO NAKAMARU	JPN	3:14.39	MASAYASU KAMIYA	JPN	1500 M. FREE		
			38.65	PETER BELL	CAN	3:15.21	BOB BEST	USA	26:40.88	KEN KIMBALL	USA
			38.84	BELA SANDOR	USA	3:17.77	TSUTOMU KAJIHARA	JPN	26:52.74	MARIYAN STIPETIC	CAN
			39.25	HIROFUMI HOSOTANI	JPN	3:19.01	HORST KESTENER	BRA	26:53.46	PAUL KIELL	USA
			39.49	RON JOHNSON	USA	3:20.17	ISAMU HASUMI	JPN	26:57.53	FRED LEHMAN	USA
			39.72	SHUNSAKU TAKAHIRA	JPN	3:20.34	YOSHINAO KAMEI	JPN	26:58.23	HARVEY PROSSER	USA
			39.88	KLAUS FELLNER	GER	3:22.60	JOSEF KREJCI	SUI	28:04.70	KEN MCKAY	GBR
			39.93	SVEN-G KARLSSON	SWE	3:30.16	CURT ZEISS	GER	28:27.33	W MORGAN BYERS	USA
			40.01	THOMAS WALKER	GBR	400 M. I.M.			28:45.25	BRUNELLO GRAJA	ITA



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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



**FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005**

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	M E N 90-94	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	2:18.93 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	M E N 95-99
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	50 M. FREE
12:03.57 KENJIRO KAKEI JPN	2:15.85 ARTHUR THOMAS AUS	1:06.04 ROMAN JEZEK CAN	1:01.65 GERSON SOBEL USA
*****	2:22.90 G.MERRYWEATHER GBR	1:10.66 JIM PANTON CAN	2:09.12 BILL REEDER USA
M E N 85-89	2:42.27 MAX AVENEL FRA	100 M. FREE	50 M. BACK
*****	200 M. BACK	1:44.35 WOODY BOWERSOCK USA	1:58.81 BILL REEDER USA
50 M. FREE	4:05.07 JOHN MERRILL USA	2:09.78 HEINZ SIEGEL GER	100 M. BACK
39.59 ISAMU TAMURA JPN	4:16.04 HIROMICHI MIYAZAK JPN	2:13.64 JEAN LEEMPUT FRA	3:05.23 NORI YAMAMOTO JPN
41.59 SHIGEMASA OKAJIMA JPN	4:55.23 TOM HAVER USA	2:23.15 AUSTIN NEWMAN USA	4:27.89 BILL REEDER USA
42.01 HIDEYA FUJII JPN	4:55.95 RYUJI FUJIKAWA JPN	2:28.23 L GENE E CROSSETT USA	200 M. BACK
42.51 GEORGE CORONES AUS	4:55.96 ARTHUR THOMAS AUS	2:55.10 JIM PANTON CAN	9:31.21 BILL REEDER USA
42.75 WILLIAM DODGSON GBR	5:01.17 FRED HOLDREGE USA	3:00.61 EUGENE LEHMAN CAN	50 M. BRST
43.88 WILLIAM JOHNSTON USA	5:10.73 JOHN WHITE USA	3:44.01 FRANK TILLOTSON USA	3:07.96 BILL REEDER USA
46.74 HIROMICHI MIYAZAK JPN	5:22.78 ALBERTO CARVALHO BRA	200 M. FREE	100 M. I.M.
47.42 HAROLD DODD GBR	5:45.36 MAX AVENEL FRA	4:29.95 WOODY BOWERSOCK USA	5:45.94 BILL REEDER USA
47.48 WALTER MINNICH GER	5:46.72 TAKEO KONDO JPN	4:43.45 AUSTIN NEWMAN USA	*****
48.14 JOHN BRICE AUS	50 M. BRST	4:54.12 JEAN LEEMPUT FRA	M E N 100-104
100 M. FREE	54.83 WALTER MINNICH GER	5:17.33 L GENE E CROSSETT USA	*****
1:35.00 ISAMU TAMURA JPN	55.65 MAX VON ISSER USA	6:25.06 EUGENE LEHMAN CAN	RELAYS: WOMEN 200 M. FREE
1:45.50 HAROLD DODD GBR	58.23 JIRO HIRONAKA JPN	7:11.51 JIRO AZUMA JPN	*****
1:50.01 NILS FERM SWE	58.38 PAUL KRUP USA	400 M. FREE	AGE 100-119
1:50.06 WILLIAM JOHNSTON USA	58.84 RUSS WITTE USA	9:23.13 AUSTIN NEWMAN USA	SBC-2000 NED 1:49.61
1:50.16 RYUJI FUJIKAWA JPN	59.67 SID KRASEY AUS	10:56.26 L GENE E CROSSETT USA	INEKE GOOSSENS
1:50.60 GEORGE CORONES AUS	1:01.93 GEORGE CORONES AUS	13:15.65 EUGENE LEHMAN CAN	P.BROOIJRNANA
1:56.22 YUTAKA MORITA JPN	1:05.06 LENNART INGMO SWE	800 M. FREE	M.VAN KEULEN
1:57.72 JOHN BRICE AUS	1:06.53 KOTARO MAEDA JPN	18:49.01 AUSTIN NEWMAN USA	S.TEMMERMAN
2:02.03 BROER LAMERS NED	1:06.77 IMRE SCHMIDT USA	28:44.21 EUGENE LEHMAN CAN	MALMO KK SWE 1:52.67
2:05.66 LUCIANO CANESSA ITA	2:10.80 MAX VON ISSER USA	1500 M. FREE	CECILIA KENTELL
200 M. FREE	2:14.59 YUTAKA MORITA JPN	35:20.36 AUSTIN NEWMAN USA	LOTTA WANBERG
3:52.86 HAROLD DODD GBR	2:23.76 PAUL KRUP USA	53:52.93 EUGENE LEHMAN CAN	KATRIN HARRSEN
4:10.52 RYUJI FUJIKAWA JPN	2:24.11 RUSS WITTE USA	50 M. BACK	CAMILLA HELGESSON
4:13.77 RICHARD SMITH USA	2:27.49 GEORGE CORONES AUS	53.32 TOSHIJI SATO JPN	GOTEBORG SIM SWE 1:54.42
4:18.60 JOHN BRICE AUS	2:38.23 G.MERRYWEATHER GBR	59.09 WOODY BOWERSOCK USA	N.BERTILSDOTTER GER
4:23.27 DICK GUIDO USA	2:40.97 ISAO HIRASAWA JPN	1:02.07 JEAN LEEMPUT FRA	MALIN NILSSON
4:30.31 ARTHUR THOMAS AUS	2:44.04 YUKIO MATSUZAKA JPN	1:02.94 KAZUNAGA AKUTSU JPN	ANNA JENSEN
4:33.42 BROER LAMERS NED	2:57.65 WILLIAM JOHNSTON USA	1:05.87 HEINZ SIEGEL GER	ANNA ERICSON
4:34.56 WILLIAM JOHNSTON USA	3:14.58 FRED WARREN CAN	1:19.28 R.REINSTADTLER GER	BOULOGNE-BILLAN FRA 1:55.30
5:24.92 TOM HAVER USA	200 M. BRST	1:20.93 RYUZO KADONO JPN	SANDRA MOREAU
5:42.78 MAX AVENEL FRA	5:18.22 RUSS WITTE USA	1:25.22 WALTER SEIFERT GER	SANDRA BOUCHIER
400 M. FREE	5:30.27 GEORGE CORONES AUS	1:33.37 EUGENE LEHMAN CAN	CAROLINE MATHIAS
8:27.96 NILS FERM SWE	6:11.31 ROBERT MCCABE AUS	1:43.56 HIROSHI HASEGAWA JPN	SOPHIE MORDANT
8:40.52 HAROLD DODD GBR	6:13.43 WILLIAM JOHNSTON USA	100 M. BACK	BRO CAN 1:56.30
8:44.21 RICHARD SMITH USA	6:57.44 JACK BRINK RSA	1:58.27 TOSHIJI SATO JPN	NADINE ROLLAND
8:54.45 JOHN MERRILL USA	7:56.14 JACK MATHIESON AUS	2:13.93 WOODY BOWERSOCK USA	JULIE DUFOUR
9:24.66 ARTHUR THOMAS AUS	50 M. FLY	3:20.50 EUGENE LEHMAN CAN	SANDRA LAROCHE
10:08.14 WILLIAM JOHNSTON USA	52.68 MAX VON ISSER USA	3:46.15 FRANK TILLOTSON USA	S. SAINTFUSCIEN
12:17.56 MAX AVENEL FRA	1:00.73 PAUL KRUP USA	200 M. BACK	BURL CAN 1:56.80
12:27.85 ALLEN FARDIE USA	1:07.32 WILLIAM JOHNSTON USA	5:01.69 WOODY BOWERSOCK USA	SANDRA MCCLEARY
13:12.28 RUSSELL DAVIS USA	1:10.71 YUTAKA MORITA JPN	5:16.23 JEAN LEEMPUT FRA	AMANDA OLDFIELD
800 M. FREE	100 M. FLY	50 M. BRST	MELANIE PRICE
18:06.72 RICHARD SMITH USA	2:50.79 WILLIAM JOHNSTON USA	55.68 HIROMU YOSHIMOTO JPN	KRISTINA HASSEL
18:09.32 JOHN MERRILL USA	4:11.44 JACK BRINK RSA	1:02.37 ALDO CAPUTI ITA	BERLINER TSC GER 1:57.24
18:16.64 HAROLD DODD GBR	200 M. FLY	1:15.56 ROMAN JEZEK CAN	SANDRA THIEME
18:18.50 NILS FERM SWE	6:56.90 WILLIAM JOHNSTON USA	1:28.30 JIM PANTON CAN	MIRYAM RIBBE
21:00.06 IMRE SCHMIDT USA	100 M. I.M.	1:32.20 WALTER SEIFERT GER	KATJA PUSCHMANN
23:42.18 WILLIAM JOHNSTON USA	2:07.95 MAX VON ISSER USA	2:08.09 EUGENE LEHMAN CAN	ANDREA KUTZ
1500 M. FREE	2:13.12 YUTAKA MORITA JPN	2:20.91 FRANK TILLOTSON USA	ROMFORD TOWN GBR 1:58.02
34:02.37 RICHARD SMITH USA	2:14.64 RICHARD SMITH USA	100 M. BRST	
34:04.68 HAROLD DODD GBR	2:23.81 PAUL KRUP USA	2:15.14 HIROMU YOSHIMOTO JPN	
56:20.33 WILLIAM JOHNSTON USA	2:26.83 WILLIAM JOHNSTON USA	2:49.82 MASAHISA KANEKO JPN	
		2:56.63 JIM PANTON CAN	





## FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

OTTER	GBR	1:58.97	LYNN DE GEORGE CHRISTINE TAIT MIMI COOK	JACKIE MARR BETSY JORDAN T.C. CAMPINAS	BRA	2:26.67	MARIA H COSTA SAPPORO AC	JPN	3:12.92
JSS AOYAMA	JPN	2:00.23	HADRIAN	SILVANA ABREU VERA SILVA LILIANA SPINA MARCIA LEITE			AIKO HORII YUKO NISHIMURA YUKIE SATO KOTOMI KITAMURA		
RYOKO ISHIZUKA NAMI HARA ERIKO FUJIWARA MIZUHO KAMADA			AURO	JUEI CLUB	JPN	2:30.27	AGE 320-359		
AGE 120-159			SUSAN ALLEN KATHY MCKNIGHT NANCY BLACK JULIE FREIXA	TERUKO NISHISAKO YURIKO NAGAMATSU SETSUKO KOBAYASHI MIYOKO IMURA			YOKOHAMA SUIEIK CHIYOKO TAKIZAWA AKI UMINO EIKO SHIONOIRI MICHIKO TEJIMA	JPN	4:12.71
GOLD RUSH	JPN	1:50.07	SEASIDE PIRATES	OAHA KIOICHO	JPN	2:32.80	C.R. ICARAI	BRA	4:23.61
MIHO OKUHARA NAHOMI SHIRATA CHIIHIRO SAITO YUKIKO OZAWA			TRACY MC GUIRE STOVIN-BRADFORD NOLA BUDD CATHY CODLING	KEIKO YAMADA KAZUKO USAMI TOSHIKO SHIMIZU HIROKO KAYAMORI			SAPPORO MST	JPN	4:53.24
OTTER	GBR	1:52.65	AGE 200-239	HAKUYO S	JPN	2:34.02	TSUYA KAWAMURA KIYO NIWA NAKA FUKUOKA SETSUKO NARITA		
NTMC	CAN	1:55.59	ARIZ	FUMIKO NAKAMURA MITSUKO HAYASHI KEIKO KADOKURA MIDORI NOMURA			*****		
KATIE OSBORNE CHRISTINA ECHOLS ZUSANA SAMKOVA MIRJANA PRIMORAC GLOUCESTER			LAURA WINSLOW EVIE LYNCH KATY JAMES CHRISTIE ALTMAN	TECH	CAN	2:36.42	RELAYS: WOMEN 200 M. MEDLEY		
LINKOPINGS	SWE	1:57.99	EMSC	ANNE-MARIE CARTER MARGARET BAKISH PAT ANGUS PAT NIBLETT			*****		
ANETTE PHILIPSSON ANNA PETTERSSON JESSICA NILSSON ANNIKA GOREFELDT			JANET CATHRO LEIGH GARVIE KAREN FRADETTE HELLA VERSVELD	SC OSC	JPN	2:37.02	AGE 100-119		
IFK LIDINGOS	SWE	1:58.22	REGATUS LIMA	YUKIKO KOBAYASHI TOMOKO ITOI SACHIKO TSUKADA RITSUKO SUGIMURA			SBC-2000	NED	2:01.92
CAROLINE DAHLBERG ULRIKA WESTERBERG ANNA-CARIN NORDIN ANETTE ANDERSSON CAMBRIDGE			L.MARIA VILLAR ROSI MULANOVICH F.CHANGANAQUI ROSARIO VIVANCO	AGE 280-319	JPN	2:40.93	INEKE GOOSSENS M.VAN KEULEN S.TEMMERMAN P.BROOIJMANS		
AMA REPUBLIC	JPN	1:59.03	AQUATICA	JUEI CLUB	JPN	2:49.00	BOULOGNE-BILLAN	FRA	2:09.33
YOKO YANAGISAWA NORIKO KARAKAMA TAMAKO KIHARA SATOMI KADOKURA			AIDA DAVIS ANA LIA MAUGERE SOL FERRECCIO CAROLL CAILLAUX	ISLAND TAKATSUK	JPN	2:49.00	SOPHIE MORDANT CAROLINE MATHIAS SANDRA BOUCHIER SANRDA MOREAU		
TOKYO SC	JPN	2:00.09	SOIK HELLAS	KEIKO FUJIMOTO KIYOKO IKEUCHI KAZUMI KUWATA HISAKO SATO			JSS AOYAMA	JPN	2:10.25
JUNKO NAKANO KEIKO MATSUDA YOKO OZAKI AZUSA FURUKI			REJA REINI HARRIET BURE SONJA HAGLUND MARGARETA RAINER	WIN FUKUSHIMA	JPN	2:53.71	HIROMI MUKAI ERIKO FUJIWARA RYOKO ISHIZUKA MIZUHO KAMADA		
SOIK HELLAS	SWE	2:00.31	NYG	YOKO SAKUMA AIKO GOTO YOSHIKO ITO YOSHIKO SATO			BURL	CAN	2:10.97
LENA EKENORD CAMILLA LAGERFORS MARJA HAGLUND ASA VIKANDER			JEAN QUILTER KELLY LYON JUDIE OLIVER MICHELLE OLIVER	SOIK HELLAS	SWE	2:54.75	PETRA HANEBERRY SANDRA MCCLEARY KRISTINA HASSEL AMANDA OLDFIELD		
AGE 160-199			AQUABEARS	KERSTIN GJORES MARIANNE GRANE BRITT GRILLI B.HJALMARSSON			GOTEBORG SIM	SWE	2:11.62
KENILWORTH	GBR	1:57.35	UBERLANDIA M	MRS SC KOCHI	JPN	2:59.26	N.BERTILSDOTTER ANNA JENSEN ANNA ERICSON MALIN NILSSON		
MACO	USA	1:58.02	V.PICCIGUELLI LUCIA CARDOSO CYMEA BARTHOLOMEI FERNANDA PRADO	JUNKO NISHIYAMA TATSUKO NAKAYA SEIKO MISHIMA SAEMI TAKAOKA			BERLINER TSC	GER	2:13.54
LAUREN THIES SHARON FOLEY ROBIN PARISI LAURA TYRRELL			LEVIN A	SUKOYAKA ST	JPN	3:03.94	MIRYAM RIBBE ANDREA KUTZ SANDRA THIEME KATJA PUSCHMANN		
TABY SIM	SWE	1:58.92	NZL	TERUKO UEDA ATSUKO TAKEUCHI EIKO SATO YOKO SATO			OTTER	GBR	2:13.91
C.UHRIANDER ERIKA ERICSSON ANNICA ABERG GUNILLA RASMUSON			LORRAINE KENT LESLEY PARKIN SUZANNE PATERSON REBECCA PERROTT	HAKUYO S	JPN	3:07.49	MVN	USA	2:13.97
IFK LIDINGOS	SWE	1:59.59	BIRMINGHAM	SUMIYO YASUMOTO TOMIKO SESHIMO SACHIKO SATO KAYOKO YAMAGUCHI			ALICIA THORNTON BROOKE MARTIN AMY SIMPSON J.CONNELLAN		
YVONNE ERIKSSON CECILIA WANGEL ULRIKA WESTERLUND ANN CELAY CAMPBILL EDWARD			AGE 240-279	YOKOHAMA SUIEIK	JPN	3:08.50	ROMFORD TOWN	GBR	2:14.27
AINOSENSHI	JPN	2:00.90	STMASTERSKANSAI	HARUMI TAKAHASHI AYA HIRANO TAKAKO SAITO TOSHIKO AMANO			GOLD RUSH	JPN	2:14.50
YUKI WAKUI TOMOKO OKADA MIKI TAKAYAMA CHIYOMI TANAKA			FUSAKO HIROOKA KAZUKO KAJIWARA YOSHIE OSAKI YOSHIKO OSAKI	FLUMINENSE F C	BRA	3:09.42	ARISA NAKAMURA MEGUMI MASEDA CHIIHIRO SAITO AYAKO HOSHINO		
AKMS	USA	2:01.81	KINGS CORMORANT	MARCIA RIBEIRO CANDIDA GANDOLPHO MARIA Z FERNANDES			AGE 120-159		
SHANNON TITZEL			ISLAND TAKATSUK				NTMC	CAN	2:02.77
			NOBUKO NITTA KIYOKO IKEUCHI TEIKO ONO MICHIKO OTO				CHRISTINA ECHOLS JUDY GARAY MIRJANA PRIMORAC JANET MAYVILLE		
			SDSM				GOLD RUSH	JPN	2:04.03
			BARBARA DUNBAR LYNNE LUND				NAHOMI SHIRATA MIHO OKUHARA		



## FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005

<p>CHIHIRO SAITO YUKIKO OZAWA OTTER           GBR   2:08.80</p>	<p>Laura Tyrrell Lauren Thies Robin Parisi Sharon Foley</p>	<p>Kerstin Gjores Olga Karlsson Harriet Bure B. Hjalmarsson</p>	<p>Oahu Club Kioic JPN 4:09.96 Yoshiko Watanabe Eiko Miwa Akiko Onohara Machiko Itai ***** RELAYS: M E N 200 M. FREE ***** AGE 100-119 Formula Acad BRA 1:37.52 Alexandre Reheder Paulo Hornos Denny Cimatti Patrik Winkler Gold Rush JPN 1:38.15 Kentaro Nakamura Yoshihisa Sudo Koichi Masuda Tatsunami Shirata Hagondange FRA 1:38.24 Stephane Meyer Adrien Beck Pascal Meyer Cedric Meyer 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 Worcester GBR 1:39.32 RECRE BRA 1:39.82 Fabio Melo Igor Mirazawa Tadeu Almeida Leandro Arruda Club de Nageurs FRA 1:41.28 Y. Burghgraeve S. Schuster Maxime Le Mouel Mathieu Picq DDO CAN 1:41.58 JP Richard Eric Quane P. Pominville Michel Brouillete Berliner TSC GER 1:42.11 S. Schunemann Thomas Ahnert Matthias Rumpf Eik Lehmann AGE 120-159 Swindon GBR 1:38.20 WITH H JPN 1:38.96 Shingo Sekiguchi Tsuyoshi Iwano Takuo Ukai Norihiisa Kajitani Aqua Club Pont FRA 1:39.69 Christophe Imbert Yann Fontaine Antoine Greverend Patrice Sanchez CMSC CAN 1:40.03 Brian Brix Mark Jessee Bob Kariatsumari Jeff Welechuk Goteborg Sim SWE 1:40.05 Per Severin Andreas Dencker</p>
<p>AZ&amp;PC           NED   2:09.35 Lidia van Bon F. Heijderman M. Bloemzaad Tamara van Gorkom SC Hurth 1930 GER 2:10.43 Andrea Koch Hella Haas Daniela Meiss Claudia Langen LSD           CAN   2:11.76 Elizabeth Frisk Kara Nolan Kim Brochu Amy Simpson IFK Lidings    SWE   2:12.03 Anna-Carin Nordin Caroline Dahlberg Ukrika Westerberg Anette Andersson Totnes        GBR   2:12.31 AMA Republic JPN 2:12.60 Junko Shioda Akiko Kawaguchi Satomi Kadokura Tamako Kihara ETOB        CAN   2:13.25 Joan Shaw Jane Chvatal Alina Lopez Cindy Berdelink AGE 160-199 AZ&amp;PC Amersfoor NED 2:11.03 Lidia van Bon F. Heijderman M. Bloemzaad Atie Pijtak Taby Sim      SWE   2:12.70 C. Uhrlander-Linde Annica Aberg Erika Ericsson Gumilla Rasmusson Hadrian      GBR   2:13.01 AINOSENHI    JPN   2:13.77 Yuki Wakui Tomoko Okada Miki Takayama ChiYomi Tanaka Kenilworth   GBR   2:14.45 AURO        CAN   2:17.26 Susan Allen Nancy Black Kathy Mcknight Julie Freixa DDO        CAN   2:17.75 Ann Kouri Isabelle Bernard Liane Shield Lorraine Macrae Seaside Pirates AUS 2:18.47 Christy Clark Stovin-Bradford Cathy Codling Tracy Mcguire CFC Futamatagaw JPN 2:18.57 Asako Suzuki Hisae Nojima Machiko Takei Hideko Hori MACO        USA   2:18.89</p>	<p>AGE 200-239 OREG           USA   2:16.23 Valerie Jenkins Colette Crabbe Joy Ward K. Andrus-Hughes Polisens IF    SWE   2:22.64 Margit Ohlsson A. Bryngelsson A. Arktoft Diana Sundin ARIZ           USA   2:24.70 Katrjn James Laura Winslow Evie Lynch Christie Altman EMSC        CAN   2:26.78 Hella Versveld Karen Fralette Janet Cathro Leigh Garvie ISF           USA   2:29.24 Karlene Denby C. Gettelfinger Gerrri Fernandez Susan Meyers AQUABEARS    GBR   2:29.91 WH20        USA   2:30.30 Carole Shigaki Jessica Seaton Morri Kleinespang Lindy Kleinespang Birmingham GBR 2:30.52 SWIM NETWORK JPN 2:34.87 Taeko Murakami Setsuko Miyazaki Masako Enzan Misa Funatsu Regatas Lima PER 2:35.82 L. Maria Villar F. Changanaqui Rosi Mulanovich Rosario Vivanco AGE 240-279 STMASTERSKANSAI JPN 2:33.62 Yoshie Osaki Kazuko Kajiwara Yoshiko Osaki Fusako Hirooka Island Takatsuk JPN 2:51.18 Keiko Fujimoto Yoshiko Bamba Kazue Ozaki Kiyoko Ikeuchi Hakuyo S      JPN   2:52.64 Mitsuko Hayashi Masako Nishide Kazuyo Ohama Fumiko Nakamura MSBC        CAN   2:53.44 Barbara Wiens Bonnie Pronk Colleen Nelson Eulah Varty TECH        CAN   2:54.68 Pat Angus Margaret Bakish Kathleen Milne Pat Niblett SOIK Hellas   SWE   2:54.77</p>	<p>ADEL SC        JPN   2:56.64 Miyako Ishihara Mitsue Ozeki Tomoko Akisaka Tomiko Ito Your Shimmatsud JPN 2:56.86 Kyoko Kato Hatsue Fujioka Yuko Abe Yoko Hosoda TCC-RECR     BRA   2:58.08 Neusa Orselli Vera Silva Marcia Leite Liliana Spina Seaside Pirates AUS 3:00.15 Pam Hutchings Elvera Vickery R. Miller-Walton Biff Grindley AGE 280-319 Sunway Yokohama JPN 3:05.01 Shoko Yonezawa Masae Kurata Mizue Shigekawa Yoko Sugiyama Swim 100Nokai K JPN 3:06.37 Kazuko Taguchi Kazuyo Sakurai Keiko Honda Chie Tani Island Takatsuk JPN 3:14.69 Keiko Fujimoto Kazumi Kuwata Hisako Sato Kiyoko Ikeuchi Win Fukushima JPN 3:15.18 Takako Sato Yoko Sakuma Yoshiko Ito Yoshiko Sato Oahu Club Kioic JPN 3:22.27 Hiroko Otsubo Noriko Yatsunami Akiko Onohara Teruko Murakami SOIK Hellas   SWE   3:28.88 Britt Grilli Barbro ThorneLOF Margareta Rainer Marianne Grane Hakuyo S      JPN   3:31.80 Tomiko Seshimo Shizuko Tsukada Tokii Suwa Fumiko Nakamura C R Icarai    BRA   3:33.79 Maria L Ribeiro Nora Ronai Sandra Lima Marlene Mendes Mulhouse ON   FRA   3:36.62 Anne Steltzlen Nicole Scherle C. Schnabel Yvette Kaplan Sukoyaka ST   JPN   3:41.73 Eiko Sato Chizuko Tsuchida Atsuko Takeuchi Teruko Ueda AGE 320-359</p>	



**FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2005**

TORBJORN WOLFFRAM DANIEL LINDEN OTSU SHIYAKUSHO JPN 1:40.15 MASATO SAWADA ATSUKI SHIGEMORI HAJIME YAMANAKA MICHIRU KITANO SDSM USA 1:40.21 MATT YOUNG MATT PENTLAND KENTON JONES ADAM CONWAY STOCKHOLMS KK SWE 1:40.33 PER HELGESSON MATS NORLIN DANIEL LARSSON PER NORLIN TATTERSALLSCLUB AUS 1:40.55 PETER THIEL TYSON YOUNG DANIEL BELTRAMI GRANT PETERS GOLD USA 1:40.72 TODD PACE TERRY LAGE KEVIN SEMISCH LUIS COMULADA  AGE 160-199 C ATHLETICA-4X1 BRA 1:37.79 RICARDO PADILHA HELIO CELIDONIO MARCELO CRUZ CYRO DELGADO HSG UNI ROSTOCK GER 1:39.68 LARS HINNEBURG HENRY NAETHBOOM RENE PLAESCHKE NILS RUDOLPH RACING CLUB FRA 1:39.95 LAURENT NEUVILLE INGO RIEDERER ERIC EMINENTE GILLES LAFFICHE TCC-RECRA BRA 1:40.75 CYRO DELGADO MARCELO SCHWARZ ROBERTO CARVALHO MARCUS MATTIOLLI BARNET COPTHALL GBR 1:41.16 CAMPBILL EDWARD GBR 1:42.05 NOVA USA 1:42.71 G.HOFFMAN FRANK WASKO PAUL CARTER BERNIE ZERUHN MMAC CAN 1:43.39 STEVEN STOTHERS PETER DOIG BRIAN LEIER GARTH SINDRAY HAKUYO S JPN 1:43.47 TAKUYA NAKAJIMA KOSUKE NAKAGAWA KOICHI MATSUMOTO KOJI HASHIMOTO COMPETITION BRA 1:43.50 LEONIDAS NETO SERGIO CABEZAS RICARDO DAVIS PAULO NEGRINI  AGE 200-239 TATTERSALLSCLUB AUS 1:47.27 GUY FARROW JOHN HARVEY	ALAN BROWN RUSSELL DEBNEY GLOUCESTER GBR 1:48.21  POLISENS IF SWE 1:48.37 MANS YNGERSKOG JOAKIM SJOHOLM NILS WAHLBERG HAKAN BENGTTSSON O*H* USA 1:49.44 JACK GROSELLE GLENN BATTLE HARRY GREENFIELD JEFF DROPSEY TOTO DOLPHIN CL JPN 1:49.77 KOJI IWAMOTO KOJI KURITA TETSURO MIKI AKIHITO FUKUZAKI F-SWIM JPN 1:49.89 HIROYUKI INAGAKI HIROSHI SHIBUYA RYOJI IGARASHI KAZUHIKO WATANABE AURO CAN 1:49.99 DAVE WILKIN FRANK SODONIS SIMON MEREDITH RUSS FARQUHAR ACAD. DA PRAIA BRA 1:50.43 VIRGILIO ANDRADE FLAVIO HELENO CYRO DELGADO FERNANDO SAEZ MURASAKI SPORTS JPN 1:50.47 YOSHIHIRO KISHI MAKIO ENDO TAKAO KASHIWAGI HIDEAKI HOSODA TRAFFORD GBR 1:50.68  AGE 240-279 SGS HANNOVER GER 1:53.50 JORG GOLDAMMER B.WILDEBOER H.RITSCHEN H.GOEBEL GOLD USA 1:56.67 GEORGE SCHMIDT GEIR INGOLFSTRUD SCOTT WOODBURN DAVID QUIGGIN ISLAND TAKATSUK JPN 1:59.86 KIHEI YOSHIMURA KIYOJI AMANO SHINGO YAMAMOTO MITSURU MIYAKE TATTERSALLSCLUB AUS 2:00.00 RUSSELL DEBNEY ALAN BROWN ALF MOUFARRIGE PETER GIBSON TCC-RECRA BRA 2:01.09 JOSE E FERREIRA PAULO MOTTA ANTONIO C ORSELLI NILSON LEO SOIK HELLAS SWE 2:01.32 BO LJUNGBERG ERIC FORSLUND INGVAR ERIKSSON HANS LJUNGBERG TECH CAN 2:01.59 JOHN MARCH M.HEATH-EVES MIKE OLSEN PAULL LEAMEN	SWOM USA 2:02.19 RUSS WITTE RAY WITTE JAMES WITTE DICK CHISHOLM HAKUYO S JPN 2:02.62 HIROSHI NONAKA KAZUYUKI MOCHIZUK MITSUGI OKUDA TAKASHI TERAKOSHI TIPNESS ISHIBAS JPN 2:02.94 RYOZO NAKAMURA TORU HANYA YUKIO TERAMURA YOICHI MAEMURA  AGE 280-319 GOLD USA 2:02.50 CAV CAVANAUGH ALAN RAPERPORT DONALD SONIA DAVID MCINTYRE SDSM USA 2:05.20 FRANK PIEMME VINUS VAN BAALLEN MIKE FRESHLEY DONALD BAKER NCMS USA 2:07.29 CLARKE MITCHELL JOHN KORTHEUER RICHARD KITCHELL JERRY CLARK HAKUYO S JPN 2:08.04 HIROSHI NONAKA SADAYUKI WAKAI TOSHIMI INATOMI TAKASHI TERAKOSHI SOIK HELLAS SWE 2:11.51 BENGT FURBERG GEORGE WITTLOCK BO AMNELL PETER BERGENGREN DOLPHIN SC JPN 2:15.52 YASUHIRO TAGUCHI SHIGEHISA SEKIRAW YASUSHI YAMAGUCHI TAKANAO SATO SHIKOKU PRESTO JPN 2:20.79 MASARU OKAMOTO SATOSHI MORIMOTO ZENJI NAKAHARI AKIRA YOSHIZAWA FLUMINENSE F C BRA 2:21.26 LUIZ C MARQUES HENRIQUE FLANZER SAUL BIRMAN FERNANDO CARVALHO JUEI CLUB JPN 2:21.51 KAZUYA ONUKI KATSUZO SHIRAYAMA YOSHIHIRO YANASE SHOICHI SHIDA C R FLAMENGO BRA 2:22.16 ANTONIO J SEIXAS BENEDITO ROSARIO ALDACYR HILL MAURO LAVIOLA  AGE 320-359 SDSM USA 2:50.71 JURGEN SCHMIDT TOM HAVER DUANE DRAVES BOB BEST SSV LEUTZSCH LE GER 2:57.06 WERNER ULLRICH GOTTFRIED KLARING HARALD MULLER	HANS KRETZSCHMAR VCSS CAN 3:28.09 EMILIO CLOZZA JIM PORTELANCE JIM PANTON PETER LOFT VISION YOSHIDA JPN 4:14.87 TORASABURO AIDA TETSUEI AIDA MINORU YOSHIDA HIDEO SUDA ***** RELAYS: M E N 200 M. MEDLEY ***** AGE 100-119 SC MASTER BRA 1:43.65 JAIME SUMIDA EDUARDO FISCHER LEONARDO GALVAO PAULO HORST CFST CAN 1:50.06 MARC PRUDHOMME YANICK ROBERT JIM KELLY TIM JOHNSON GOLD RUSH JPN 1:50.34 KENTARO NAKAMURA YOSHIHISA SUDO KOICHI MASUDA TATSUAKI SHIRATA WORCESTER GBR 1:51.51 BERLINER TSC GER 1:51.55 THOMAS AHNERT MATTHIAS RUMPF S.SCHUNEMANN EIK LEHMANN OTSU SHIYAKUSHO JPN 1:51.99 MICHIRU KITANO KAZUSHI KUROSHIMA HAJIME YAMANAKA MASATO SAWADA NEM USA 1:52.12 C.SHEPPARD MIKE O'HARA AUDY OKTAVIAN BRIAN FEHLAU DDO CAN 1:52.16 JP RICHARD ERIC QUANE P.POMINVILLE MICHEL BROUILLETE HAGONDANGE FRA 1:52.80 PASCAL MEYER ADRIEN BECK STEPHANE MEYER CEDRIC MEYER LSD CAN 1:53.18 BRYAN CROCKETT TRISTAN SQUIRE JOHNY HEWEDINE MATTHEW WOOD  AGE 120-159 WITH H JPN 1:47.13 SHINGO SEKIGUCHI TETSUO IWAKI HIROYUKI NAKAMURA NORIHISA KAJITANI TEAM DASH JPN 1:47.73 HIDEAKI OGAWA HIDEAKI TOGO KEIICHI KIYOTA HARUHIKO TAZAWA STOCKHOLMS KK SWE 1:50.18 DANIEL KARLSSON PER NORLIN NIKLAS EGMAR
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## 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
PATRICK BALDELLI MATHIEU COUTANT ERWAN POTHIER NICOLAS MARC ACAD. DA PRAIA BRA 1:52.42	NCMS USA 2:00.64	JIM WRIGHT MIKE OLSEN M. HEATH-EVES PAULL LEAMEN VSA HIRAKATA JPN 2:23.03	MIHO OKUHARA NAHOMI SHIRATA KENTARO NAKAMURA TATSUAKI SHIRATA
ROYAL NAVY GBR 1:52.61	TCC-RECRA BRA 2:02.56	HIROSHI KOJIMA SHIGEO MIYOSHI MASAKAZU HIRATA TAKEKAZU KOTERA	BERLINER TSC GER 1:43.65
OHSP USA 1:53.17	RACING CLUB FRA 2:02.80	AGE 280-319 NCMS USA 2:18.05	SANDRA THIEME ANDREA KUTZ ETK LEHMANN S. SCHUNEMANN SAKE JPN 1:46.36
WILLIAM POLK JEFFREY RADEL MIKE GANIO GRANT WILSON CMSC CAN 1:53.41	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
JEFF WELECHUK DAVID COWAN JUSTIN WELBOURN BRIAN BRIX C.R. FLAMENGO BRA 1:53.61	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	NEPTUNE CLUB FRA 1:47.25
AGE 160-199	F-SWIM JPN 2:05.58	MASARU IGARASHI MASAYASU KAMIYA HAKUYO S JPN 2:28.26	MURIEL ANDURAND ETIENNE DEAU GB POLICE GBR 1:47.56
NCMS USA 1:49.72	HIROSHI SHIBUYA YUJI HIKICHI NAOMI TANAKA RYOJI IGARASHI CMSC CAN 2:05.71	HIROSHI NONAKA SADAYUKI WAKAI SADAO SAJIKI TOSHIMI INATOMI DOLPHIN SC JPN 2:29.16	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	SHIGEHISA SEKIKAW HIROFUMI HOSOTANI HISAO MIKURIYA YASUSHI YAMAGUCHI KAMAKURA MSC JPN 2:39.30	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	MINORU UEMURA TAKAO TSUCHIYA YOSHIHIRO NAKANO SATOSHI TOKUSHIGE JUEI CLUB JPN 2:39.54	LSD 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	SHOICHI SHIDA GUNJI KITAZAWA KAZUYA ONUKI YOSHIHIRO YANASE BIRMINGHAM GBR 2:42.50	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	HANS KLOSZ WIEDEMANN ROHNER NELS LUTZ ?? DIETRICH FLUMINENSE F C BRA 2:45.82
MANFRED KODER ROBERT BERGER HARTMUT BERNER THILO ALBRECHT NEPTUN CZE 1:54.80	JOSE E FERREIRA ANTONIO C ORSELLI PAULO MOTTA NILSON LEO KOMATSU SC JPN 2:19.91	BLAU-WEISS GER 2:43.12	YOSHIHIRO YANASE BIRMINGHAM GBR 2:42.50
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	BLAU-WEISS GER 2:43.12	YOSHIHIRO YANASE BIRMINGHAM GBR 2:42.50
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	YOSHIHIRO YANASE BIRMINGHAM GBR 2:42.50
DES NAGEURS FRA 1:56.43	HIROMASA MATSUMOT YUSUKE OKADA YUTAKA MAEBA TAKEYUKI HATTORI	BLAU-WEISS GER 2:43.12	YOSHIHIRO YANASE BIRMINGHAM GBR 2:42.50
NICOLAS ROZIER GUY LACONTAL PASCAL MOREAU MARC BEAU AGE 200-239		BLAU-WEISS GER 2:43.12	YOSHIHIRO YANASE BIRMINGHAM GBR 2:42.50



## 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
HADRRAIN 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

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