

World Masters Top 10 SCM (25 M)

	1:04.62	CAMILLA JOHANSSON	SWE	2:36.11	BECKY HARTLEY	GBR	4:45.73	CLAIRE HUDSON	GBR
*****	1:05.04	LIA OBERSTAR	USA	2:36.75	JANET MAYVILLE	CAN	800 M.	FREE	
WOMEN 25-29									
*****	1:06.67	NAHOMI ERIGUCHI	JPN	2:37.46	SILVIA COLOMBO	ITA	9:06.49	ERIKA HANSEN	USA
*****	1:08.91	JANE SOLOMON	GBR	100 M.	I.M.		9:22.65	JOANNE REIERSON	USA
50 M.	1:08.98	MARIA M SANCHEZ	GBR	1:05.18	HITOMI MAEHARA	JPN	9:25.05	NADINE DAY	USA
26.07	1:09.10	DAWN PALMER	GBR	1:06.18	KANA OHASHI	JPN	9:26.14	ANA GRILLO	POR
26.34	1:09.73	M.MARTIN-QUEV	CAN	1:06.24	SANDRA KAZIKOVA	CZE	9:33.00	BARBARA GRILLO	ITA
26.94	1:09.79	JANET MAYVILLE	CAN	1:07.70	CAMILLA JOHANSSON	SWE	9:33.81	DEBORAH MAGARRY	GBR
27.06	1:09.84	TIFFANY TAULBEE	USA	1:08.29	JANA VESELA	CZE	9:35.03	GRITH SIGSGAARD	DEN
27.21	200 M.	BACK		1:08.30	JANET MAYVILLE	CAN	9:45.81	JACQUI ROBINSON	AUS
27.39	2:13.91	KANA OHASHI	JPN	1:08.91	NAHOMI ERIGUCHI	JPN	9:52.05	ELIZABETH SIMPSON	GBR
27.43	2:21.19	LIA OBERSTAR	USA	1:09.17	MALIN CLEEVERDAL	SWE	9:53.31	CLAIRE SWEENEY	GBR
27.50	2:26.94	CAMILLA JOHANSSON	USA	1:09.17	NORIKO YOKOYAMA	JPN	1500 M.	FREE	
27.51	2:27.38	JANE SOLOMON	GBR	1:09.54	SUZANNE HAMPSON	GBR	18:12.83	DEBORAH MAGARRY	GBR
27.60	2:27.89	AKIKO KANNA	JPN	200 M.	I.M.		18:17.53	NADINE DAY	USA
100 M.	2:30.47	SARAH WOODWORTH	CAN	2:20.78	HITOMI MAEHARA	JPN	18:17.66	GRITH SIGSGAARD	DEN
57.72	2:31.91	MARCIE BATTRICK	CAN	2:22.81	CINDY BERTELINK	CAN	18:30.30	BARBARA GRILLO	ITA
58.34	2:33.09	TIFFANY TAULBEE	USA	2:23.22	KANA OHASHI	JPN	18:31.64	JODY SMITH	USA
59.27	2:33.57	HEATHER BEYNON	CAN	2:26.34	CHRISSEY MILLER	USA	18:36.32	JACQUI ROBINSON	AUS
59.27	2:34.37	ALISON USHER	GBR	2:26.95	JANET MAYVILLE	CAN	18:47.76	DEBBIE YOUNGER	CAN
59.28	50 M.	BRST		2:27.00	CAMILLA JOHANSSON	USA	18:51.58	CLAIRE SWEENEY	GBR
59.53	34.23	KAREN JACKSON	GBR	2:27.10	TAMARA VAN GORKOM	NED	19:01.82	DANA WOODY	USA
59.78	34.28	NORIKO YOKOYAMA	JPN	2:27.43	KAREN JACKSON	GBR	19:18.82	JENNIFER KOBI	CAN
59.88	34.81	KYOKO KASUYA	JPN	2:29.45	TAMAKO KIHARA	JPN	50 M.	BACK	
59.89	34.87	JANA VESELA	CZE	2:29.86	MARIA M SANCHEZ	GBR	30.11	GISELI PEREIRA	BRA
1:00.56	34.93	HELEN SALCEDO	USA	400 M.	I.M.		30.51	SHERI HART	USA
200 M.	35.18	SAYURI URASAWA	JPN	5:01.60	KANA OHASHI	JPN	31.60	LIANNEKE HUTTEMAN	NED
2:07.60	35.29	JANET MAYVILLE	CAN	5:10.50	CINDY BERTELINK	CAN	31.98	ANNETT REX	GER
2:07.93	35.48	SHERYL ROSS	CAN	5:11.73	CHRISSEY MILLER	USA	32.13	NORIKO YOKO	JPN
2:08.96	35.49	TAMARA VAN GORKOM	NED	5:12.64	JANET MAYVILLE	CAN	32.17	HELENA ABERG	SWE
2:09.45	35.50	BRITTA PASCHKE	GER	5:15.53	MARIA M SANCHEZ	GBR	32.21	LORI MELIEN	CAN
2:10.41	100 M.	BRST		5:18.43	KRISTIN BAUER	CAN	32.24	KATRIN LEHMANN	GER
2:10.86	1:13.26	SILVA PULFRICH	GER	5:18.49	KAREN JACKSON	GBR	32.39	HELEN SADLER	GBR
2:10.90	1:13.60	HITOMI MAEHARA	JPN	5:18.93	CORINNA MIEDE	GER	32.43	MONICA SORO	ITA
2:11.96	1:14.28	KAREN JACKSON	GBR	5:20.15	S BAUSHERGRYBOSK	USA	100 M.	BACK	
2:12.64	1:15.38	HELEN SALCEDO	USA	5:21.78	LAURA BIANZANI	ITA	1:05.02	GISELI PEREIRA	BRA
2:12.94	1:15.56	ANNA JENSEN	SWE				1:05.71	SHERI HART	USA
400 M.	1:17.09	KELLY KAYE	CAN	*****					
4:31.21	1:17.20	JANET MAYVILLE	CAN	WOMEN 30-34					
4:32.43	1:18.09	PEGGY CHAVARDES	FRA	*****					
4:34.27	1:18.11	DOMINIQUE CAMERON	CAN	50 M.	FREE		1:08.53	LIANNEKE HUTTEMAN	NED
4:38.91	1:18.31	TAMARA VAN GORKOM	NED	26.32	KATRINA RADKE	USA	1:09.09	ANNETT REX	GER
4:39.30	200 M.	BRST		26.50	SUSAN HILL	GBR	1:10.32	DEBBIE YOUNGER	CAN
4:40.44	2:40.14	KAREN JACKSON	GBR	26.80	HELGA TEGTMAYER	GER	1:10.61	CAROLINE GIRARDET	SUI
4:41.08	2:44.19	HELEN SALCEDO	USA	26.83	HELENA ABERG	SWE	1:10.88	CHRISTINA ECHOLS	CAN
4:42.76	2:45.75	KELLY KAYE	CAN	27.50	NADINE DAY	USA	200 M.	BACK	
4:43.33	2:46.47	LAURA KOCH	USA	27.53	YUKI INOUE	JPN	2:20.23	JOANNA CORBEN	GBR
4:44.58	2:46.75	KATJA WACHTER	GER	27.54	LUCIA SANTOS	BRA	2:24.89	JODY SMITH	USA
800 M.	2:48.44	ULRIKE MEHNERT	GER	27.56	JENNIFER KOBI	CAN	2:26.64	ERIKA HANSEN	USA
9:21.05	2:48.80	TRACCY JENNINGS	GBR	27.68	DELIA DEMATTI	ITA	2:29.81	NADINE DAY	USA
9:39.65	2:49.06	ISABELLE BOHLMANN	CAN	27.72	ANA GRILLO	POR	2:30.62	DEBBIE YOUNGER	CAN
9:42.79	2:51.20	SARAH SCHNEIDER	GBR	100 M.	FREE		2:31.65	C.AMESTOY	FRA
9:45.98	2:51.26	VERONIQUE TESSIER	CAN	57.46	KATRINA RADKE	USA	2:32.39	JOCELYN JAY	CAN
9:49.93	50 M.	FLY		58.91	SUSAN HILL	GBR	2:32.62	CHRISTINA ECHOLS	CAN
9:51.41	28.61	JENNIFER BROOKS	USA	59.25	MANUELA SCHUBERT	GER	2:32.67	ANNETT REX	GER
9:51.79	28.93	MIHO OKUHARA	JPN	59.62	HELENA ABERG	SWE	2:33.04	LIANNEKE HUTTEMAN	NED
9:54.59	29.30	PENNY PORTER	GBR	59.86	NADINE DAY	USA	50 M.	BRST	
9:55.71	29.44	ELIZABETH BELLING	GBR	1:00.28	HANNAH PAULL	GBR	31.12	BRITTA STEVENS	GER
9:58.73	29.66	SANDRA THIEME	GER	1:00.60	LUCIA SANTOS	BRA	34.57	TARA HIGGINS	CAN
1500 M.	29.67	JANET MAYVILLE	CAN	1:00.87	YUKI INOUE	JPN	34.72	LOUISE MARTIN	USA
18:12.40	29.72	AKIKO SUZUKI	JPN	1:01.11	JENNIFER KOBI	CAN	34.81	NADINE DAY	USA
18:41.93	29.77	SANDRA KAZIKOVA	CZE	1:01.13	MONICA SORO	ITA	35.17	KATJA SEEGER-BOSE	GER
19:02.77	29.78	LAURA BIANZANI	ITA	200 M.	FREE		35.20	DORRIS GRAN	ESP
19:02.96	29.79	LINDSAY KIRCHER	USA	2:06.94	ANA GRILLO	POR	35.46	TRACCY PALENSHUS	SWE
19:03.70	100 M.	FLY		2:07.24	KATRINA RADKE	USA	36.24	IVANA MOUCHOVA	CZE
19:04.41	1:04.09	HITOMI MAEHARA	JPN	2:08.63	SUSAN HILL	GBR	36.38	LUCY CLARKE	GBR
19:17.18	1:04.62	JENNIFER BROOKS	USA	2:09.02	NADINE DAY	USA	36.63	CARMEN SPIERS	GBR
19:20.90	1:05.09	CINDY BERTELINK	CAN	2:11.67	DEBBIE YOUNGER	CAN	100 M.	BRST	
19:25.45	1:05.10	LAURA BIANZANI	ITA	2:12.71	JOANNE REIERSON	USA	1:15.15	SYLVIA GERASCH	GER
19:36.98	1:05.24	ELIZABETH BELLING	GBR	2:13.60	JODY SMITH	USA	1:15.93	TARA HIGGINS	CAN
50 M.	1:05.82	CHRISSEY MILLER	USA	2:13.86	AMY WEISS	USA	1:16.04	LOUISE MARTIN	USA
30.04	1:06.90	DANIELA BAUMGARDT	GER	2:13.98	BARBARA GRILLO	ITA	1:16.74	NADINE DAY	USA
30.41	1:07.10	YAYOI SAKAMOTO	JPN	2:14.31	YUKI INOUE	JPN	1:17.16	KATJA SEEGER-BOSE	GER
30.59	1:07.23	PERSNILLA MARCUS	SWE	400 M.	FREE		1:17.69	LUCY CLARKE	GBR
30.91	1:07.28	K.VAN DONGEN	NED	4:22.77	ERIKA HANSEN	USA	1:18.71	TRACCY PALENSHUS	SWE
31.14	200 M.	FLY		4:34.74	NADINE DAY	USA	1:18.90	STEFANIA MONTI	ITA
31.26	2:24.07	CHRISSEY MILLER	USA	4:34.98	ANA GRILLO	POR	1:19.01	DORRIS GRAN	ESP
31.42	2:25.49	LAURA BIANZANI	ITA	4:36.45	JOANNE REIERSON	USA	1:19.12	JOCELYN JAY	CAN
31.49	2:31.05	S BAUSHERGRYBOSK	USA	4:38.38	DEBORAH MAGARRY	GBR	200 M.	BRST	
31.78	2:33.48	JENNIFER CAMPBELL	USA	4:38.50	JODY SMITH	USA	2:42.59	LOUISE MARTIN	USA
32.03	2:33.82	MICHAL SHENHAR	CAN	4:38.74	BARBARA GRILLO	ITA	2:44.55	NADINE DAY	USA
100 M.	2:33.95	ANA MORALES	MEX	4:43.61	NICOLA LATTY	GBR	2:47.43	LUCY CLARKE	GBR
1:03.17	2:34.65	SAMANTHA HERRIDGE	GBR	4:45.12	DEBBIE YOUNGER	CAN	2:47.61	JOCELYN JAY	CAN

World Masters Top 10 SCM (25 M)

2:48.29	TARA HIGGINS	CAN	28.08	VICTORIA WATSON	GBR	2:29.64	MIKI NAMAI	JPN	1:11.56	BIRGIT LOHBERG	USA
2:48.81	KATJA SEEGER-BOSE	GER	28.08	SILVIA PAROCCHI	ITA	2:30.36	KRISTIN GARY	USA	1:11.58	MARZENA KULIS	ITA
2:51.45	DORRIS GRAN	ESP	28.16	JUNKO NAKANO	JPN	2:30.41	ANDREA LUALLEN	USA	1:11.82	CHERYL CONLIN	USA
2:52.16	DEBBIE YOUNGER	CAN	28.27	SASKIA PHAFF	NED	2:32.74	GILLIAN INNES	GBR	200 M.	I.M.	
2:52.31	SUE FAWN	GBR	100 M.	FREE		2:33.42	C.ESCATLLAR	ESP	2:29.67	MIKI TAKAYAMA	JPN
2:52.93	JENNIFER KOBİ	CAN	59.80	SILVIA PAROCCHI	ITA	2:33.45	WENDY SEGREST	USA	2:30.33	BIRGIT LOHBERG	USA
50 M.	FLY		1:00.06	JENNIFER RIDGE	USA	2:33.95	CHARLOTT PETERSEN	USA	2:30.86	KATHERINE VEALE	GBR
29.26	DEBBIE YOUNGER	CAN	1:00.10	RENATA MARGIANI	ITA	2:34.30	N MUIR-COCHRANE	GBR	2:32.32	CHARLOTT PETERSEN	USA
29.33	EMI OGA	JPN	1:00.95	MARIE ARMENTERO	ITA	2:37.65	ELLEN REYNOLDS	USA	2:32.90	SILVIA PAROCCHI	ITA
29.35	C.SIEVERT	GER	1:00.99	YUKIKO OZAWA	JPN	50 M.	BRST		2:33.62	LAURIE HUG	USA
29.52	YUKI INOUE	JPN	1:01.07	CHARLOTT PETERSEN	USA	33.91	P.BRULHART N'DULA	SUI	2:34.10	MIKI AIHARA	JPN
29.59	GISELI PEREIRA	BRA	1:01.08	PEGGY GROSS	USA	34.50	S.SEMINATORE	ITA	2:35.88	NATALIE DESCHAMPS	CAN
29.67	YOKO YAMAGUCHI	JPN	1:01.40	VICTORIA WATSON	GBR	35.50	DANIELA DE PONTI	ITA	2:36.16	HELEN WHITFORD	AUS
29.76	NADINE DAY	USA	1:01.67	H FALLWILLEBOORD	USA	35.86	QUINELDA DEARDS	GBR	2:37.22	C.ESCATLLAR	ESP
30.12	HANNAH PAULL	GBR	1:01.81	ELIZABETH MCMENEM	GBR	36.20	C.HOFMANN-SCHIEDL	GER	400 M.	I.M.	
30.18	LIANNEKE HUTTEMAN	NED	200 M.	FREE		36.23	ELKE SCHMITZ	GER	5:15.45	KATHERINE VEALE	GBR
30.20	LUCIA SANTOS	BRA	2:11.43	JENNIFER RIDGE	USA	36.29	LINE LAPIERRE	CAN	5:24.25	LAURIE HUG	USA
100 M.	FLY		2:11.77	CHARLOTT PETERSEN	USA	36.43	KIRSTEN BLUDAU	GER	5:30.45	MIKI AIHARA	JPN
1:03.21	KATRINA RADKE	USA	2:13.09	LAURIE HUG	USA	36.55	CHERYL CONLIN	USA	5:32.43	C.ESCATLLAR	ESP
1:04.75	NADINE DAY	USA	2:14.22	MIMI COOK	USA	36.82	HAYLEY BIRD	GBR	5:34.96	NATALIE DESCHAMPS	CAN
1:04.98	DEBBIE YOUNGER	CAN	2:15.02	MIKI TAKAYAMA	JPN	100 M.	BRST		5:39.76	NANCY NORTH	USA
1:05.14	HIDEKO HIRANAKA	JPN	2:15.82	ANNE GRAY	NZL	1:16.62	P.BRULHART N'DULA	SUI	5:40.37	ANGELA WILSON	GBR
1:06.31	YUKI INOUE	JPN	2:16.13	HEATHER HAGADORN	USA	1:18.36	MARZENA KULIS	ITA	5:42.14	SHOPHIE MONGINET	BRA
1:07.18	TERESA DRAY	GBR	2:16.25	MIKI AIHARA	JPN	1:18.46	CHERYL CONLIN	USA	5:43.54	KAREN BECKER	USA
1:07.30	YURIKA HIROSE	JPN	2:17.08	CLAUDIA KERN	GER	1:18.47	QUINELDA DEARDS	GBR	5:43.88	KAY BLACKWOOD	CAN
1:07.44	YOKO YAMAGUCHI	JPN	2:17.10	ELIZABETH MCMENEM	GBR	1:19.05	TOMOMI MIYAZONO	JPN			
1:08.15	G.TIMMER-VELDHUIZ	NED	400 M.	FREE		1:19.12	DANIELA DE PONTI	ITA			
1:08.37	NICOLE HENSSEN	GER	4:33.88	CHARLOTT PETERSEN	USA	1:19.53	ELKE SCHMITZ	GER	***** WOMEN 40-44 *****		
200 M.	FLY		4:34.69	LAURIE HUG	USA	1:20.40	S.SEMINATORE	ITA	*****		
2:19.34	KATRINA RADKE	USA	4:43.17	HEATHER HAGADORN	USA	1:20.46	BEATE SCHOLTYSSEK	GER	50 M.	FREE	
2:25.45	DEBBIE YOUNGER	CAN	4:45.67	ELKE HAGEDORN	GER	1:20.67	NATALIE DESCHAMPS	CAN	27.19	SARAH MACDONALD	CAN
2:25.47	NICOLA LATTY	GBR	4:45.75	MIMI COOK	USA	200 M.	BRST		27.28	K PIPES-NEILSEN	USA
2:25.58	NADINE DAY	USA	4:47.30	S.REIBEL-OBERLE	GER	2:51.34	CHERYL CONLIN	USA	27.46	STEFFI NIEMITZ	GER
2:25.78	ANA GRİLO	POR	4:48.66	BEATE SCHOLTYSSEK	GER	2:53.29	QUINELDA DEARDS	GBR	27.85	KARIN SEICK	GER
2:28.30	YURIKA HIROSE	JPN	4:48.66	CLAUDIA KERN	GER	2:54.28	TOMOMI MIYAZONO	JPN	27.88	MARIA DOELGER	USA
2:29.39	YUKI INOUE	JPN	4:49.20	NANCY NORTH	USA	2:54.87	BIRGIT LOHBERG	USA	27.98	BARBARA GELLRICH	GER
2:30.57	G.TIMMER-VELDHUIZ	NED	4:49.94	ANNE GRAY	NZL	2:54.96	NATALIE DESCHAMPS	CAN	28.21	MARIKA MCCUE	USA
2:30.70	JACQUI ROBINSON	AUS	800 M.	FREE		2:55.22	G.BERRUETTA	MEX	28.29	CATHY CODLING	AUS
2:32.13	KARINE JANNOT	FRA	9:26.12	LAURIE HUG	USA	2:57.96	SUSANNE HUBER	GER	28.32	CAROLYN VOORHEES	USA
100 M.	I.M.		9:41.93	ELKE HAGEDORN	GER	2:59.65	ELKE SCHMITZ	GER	28.52	MARJA BLOEMZAAD	NED
1:06.94	NADINE DAY	USA	9:44.37	CHARLOTT PETERSEN	USA	2:59.76	NURIA MORENO	ESP	100 M.	FREE	
1:07.89	HIDEKO HIRANAKA	JPN	9:51.37	CLAUDIA KERN	GER	2:59.78	ANDREA LUALLEN	USA	57.60	K PIPES-NEILSEN	USA
1:08.17	DEBBIE YOUNGER	CAN	9:54.94	MIMI COOK	USA	50 M.	FLY		59.77	SARAH MACDONALD	CAN
1:08.85	SYLVIA GERASCH	GER	10:01.54	HEATHER HAGADORN	USA	29.40	SILVIA PAROCCHI	ITA	1:01.04	MARIA DOELGER	USA
1:09.12	MONICA SORO	ITA	10:10.00	GILLIAN INNES	GBR	29.98	VICTORIA WATSON	GBR	1:01.13	BARBARA GELLRICH	GER
1:09.13	DORRIS GRAN	ESP	10:11.94	NANCY NORTH	USA	30.05	DANIELA DE PONTI	ITA	1:01.64	MARIKA MCCUE	USA
1:09.46	SUSAN HILL	GBR	10:12.07	PAMELA SMART	AUS	30.27	MIKI TAKAYAMA	JPN	1:02.38	CATHY CODLING	AUS
1:09.57	ANNETT REX	GER	10:18.19	URSULA SCHULZ	GBR	30.31	CHIHIRO SAITO	JPN	1:02.63	STEFFI NIEMITZ	GER
1:09.64	JENNIFER KOBİ	CAN	1500 M.	FREE		30.32	KATHERINE VEALE	GBR	1:02.94	DIANA MCDONOUGH	USA
1:09.82	NICOLE HENSSEN	GER	17:52.59	LAURIE HUG	USA	30.71	PEGGY GROSS	USA	1:02.97	VIBEKE SWANSON	USA
200 M.	I.M.		18:02.22	LISA HAZEN	USA	30.72	P.BRULHART N'DULA	SUI	1:03.13	REBECCA PERROTT	NZL
2:22.72	KATRINA RADKE	USA	18:10.35	N MUIR-COCHRANE	GBR	30.76	AIDA TUCIUTE	AUS	200 M.	FREE	
2:23.88	NADINE DAY	USA	18:37.06	ELKE HAGEDORN	GER	30.77	VICKY DAVIDSON	USA	2:05.26	K PIPES-NEILSEN	USA
2:25.74	DEBBIE YOUNGER	CAN	18:40.25	CHARLOTT PETERSEN	USA	100 M.	FLY		2:13.05	SARAH MACDONALD	CAN
2:28.71	JENNIFER KOBİ	CAN	18:54.76	HEATHER HAGADORN	USA	1:06.34	KATHERINE VEALE	GBR	2:13.60	BARBARA GELLRICH	GER
2:30.45	ANNETT REX	GER	19:12.30	S.REIBEL-OBERLE	GER	1:06.37	SILVIA PAROCCHI	ITA	2:14.54	VIBEKE SWANSON	USA
2:31.00	LOUISE MARTIN	USA	19:24.54	JILL GELLATLY	USA	1:06.49	MIKI TAKAYAMA	JPN	2:15.34	LYNN MARSHALL	CAN
2:31.18	JODY SMITH	USA	19:27.27	MIKI AIHARA	JPN	1:06.55	BIRGIT LOHBERG	USA	2:15.60	REBECCA PERROTT	NZL
2:32.01	YURIKA HIROSE	JPN	19:37.61	URSULA SCHULZ	GBR	1:07.75	VICKY DAVIDSON	USA	2:17.15	MARIA DOELGER	USA
2:32.40	TARA HIGGINS	CAN	50 M.	BACK		1:07.79	JENNIFER RIDGE	USA	2:17.16	UTE ROMBERG	GER
2:33.09	SUE FAWN	GBR	32.08	SILVIA PAROCCHI	ITA	1:07.82	VICTORIA WATSON	GBR	2:17.55	SHIZUKO HIRAISHI	JPN
400 M.	I.M.		32.23	ANDREA LUALLEN	USA	1:08.21	JULIE BILLS	USA	2:17.80	DIANA MCDONOUGH	USA
5:07.66	ANA GRİLO	POR	32.30	LENKA NEMECKOVA	CZE	1:08.65	DANIELA DE PONTI	ITA	400 M.	FREE	
5:08.14	NADINE DAY	USA	32.43	HIROKO NOGUCHI	JPN	1:09.11	HELEN WHITFORD	AUS	4:21.75	K PIPES-NEILSEN	USA
5:08.72	HIDEKO HIRANAKA	JPN	32.46	CAROLINE LINDBORG	SWE	200 M.	FLY		4:38.18	LYNN MARSHALL	CAN
5:15.60	DEBBIE YOUNGER	CAN	32.55	MIKI NAMAI	JPN	2:29.50	KATHERINE VEALE	GBR	4:39.24	CAROLINE KRATTLI	USA
5:15.90	JODY SMITH	USA	32.61	H FALLWILLEBOORD	USA	2:32.43	BIRGIT LOHBERG	USA	4:42.85	VIBEKE SWANSON	USA
5:19.88	NICOLA LATTY	GBR	32.63	JUNKO NAKANO	JPN	2:36.13	S.REIBEL-OBERLE	GER	4:46.43	REBECCA KALIBAT	USA
5:21.25	JENNIFER KOBİ	CAN	32.77	INA BUTTGEREIT	GER	2:36.56	LAURIE HUG	USA	4:52.33	CYNTHIA PINCOTT	CAN
5:24.28	JOCELYN JAY	CAN	32.81	HELEN WHITFORD	AUS	2:38.00	PEGGY GROSS	USA	4:53.39	JANA MATENA	USA
5:26.69	LOUISE MARTIN	USA	100 M.	BACK		2:39.08	C.ESCATLLAR	ESP	4:53.48	SARAH MACDONALD	CAN
5:31.55	YURIKA HIROSE	JPN	1:07.60	SILVIA PAROCCHI	ITA	2:39.19	DAGMAR DRAEGER	GER	4:55.13	DIANA MCDONOUGH	USA
			1:08.16	ANDREA LUALLEN	USA	2:40.03	KAREN BECKER	USA	4:55.55	PAT CRAISSATI	USA
			1:08.86	KRISTIN GARY	USA	2:40.05	LESLEY NORTON	GBR	800 M.	FREE	
*****			1:09.65	MIKI NAMAI	JPN	2:40.05	ILKA LOWENSTEYN	CAN	9:09.71	K PIPES-NEILSEN	USA
*****			1:10.27	CAROLINE LINDBORG	SWE	100 M.	I.M.		9:31.46	LYNN MARSHALL	CAN
*****			1:10.47	H FALLWILLEBOORD	USA	1:08.65	KATHERINE VEALE	GBR	9:42.45	BARBARA GELLRICH	GER
50 M.	FREE		1:10.64	GILLIAN INNES	GBR	1:09.46	SILVIA PAROCCHI	ITA	9:50.87	CYNTHIA PINCOTT	CAN
26.99	MARIE ARMENTERO	ITA	1:11.00	VICKY DAVIDSON	USA	1:09.64	VICTORIA WATSON	GBR	9:57.76	REBECCA KALIBAT	USA
27.10	YUKIKO OZAWA	JPN	1:11.37	HELEN READER	GBR	1:10.15	DANIELA DE PONTI	ITA	10:00.92	ANNA MARIA NUNIA	ITA
27.64	PEGGY GROSS	USA	1:11.65	WENDY SEGREST	USA	1:10.62	KAREN SCHNEIDER	USA	10:10.41	REBECCA PERROTT	NZL
27.70	H FALLWILLEBOORD	USA	200 M.	BACK		1:11.12	ANDREA LUALLEN	USA	10:15.64	JANA MATENA	USA
27.76	DANIELA DE PONTI	ITA	2:28.91	SILVIA PAROCCHI	ITA	1:11.33	MIKI TAKAYAMA	JPN	10:16.46	ANNELIES KRAUS	GER

World Masters Top 10 SCM (25 M)

10:20.38	MARJA BLOEMZAAD	NED	30.45	SARAH MACDONALD	CAN	1:05.27	LINSDEY GOWLAND	GBR	36.68	MELINDA MANN	USA
1500 M.	FREE		30.56	LAURIE DITOMMASO	USA	1:05.39	ALYSON FORDHAM	GBR	36.90	JUDY WOODWARD	CAN
17:45.50	K PIPES-NEILSEN	USA	30.75	KATHY SHIPMAN	USA	1:06.19	LEIANN CRITTENDEN	USA	37.17	KAREN MELICK	USA
18:20.91	LYNN MARSHALL	CAN	30.85	MARIKA MCCUE	USA	1:06.52	MARTHA STANTON	JPN	37.41	PATRICIA WARREN	GBR
18:51.73	REBECCA KALIBAT	USA	31.07	JUDY HATTLE	GBR	200 M.	FREE		37.98	LINSDEY GOWLAND	GBR
19:03.95	KAREN ELLY	GBR	31.22	MARGARET LANGDON	AUS	2:10.91	S HEIM-BOWEN	USA	38.00	AVILA RHODES	CAN
19:05.17	KIMBERLY ELSBACH	USA	100 M.	FLY		2:11.09	JENNY WHITELEY	AUS	38.18	LEIANN CRITTENDEN	USA
19:10.50	ANNA MARIA NUNIA	ITA	1:03.31	K PIPES-NEILSEN	USA	2:17.57	ATIE PIJTAK	NED	38.25	URSULA RICHTER	GER
19:13.70	REBECCA PERROTT	NZL	1:06.91	BARBARA GELLRICH	GER	2:19.77	MARGARET SMITH	GBR	38.38	DAGMAR FRESE	GER
19:14.02	CYNTHIA PINCOTT	CAN	1:07.68	JUDY HATTLE	GBR	2:22.75	SUE KEARNEY	AUS	100 M.	BRST	
19:33.18	JANA MATENA	USA	1:07.95	CYNTHIA PINCOTT	CAN	2:25.09	SUSAN SKIFF	ITA	1:18.13	JENNY WHITELEY	AUS
19:36.80	ANNA DELOZIER	USA	1:10.35	CAROLINE KRATTLI	USA	2:26.52	MARTHA STANTON	JPN	1:20.43	MELINDA MANN	USA
50 M.	BACK		1:10.61	SHIZUKO HIRASHI	JPN	2:26.86	MIDORI NAKAYAMA	JPN	1:20.64	AMANDA HEATH	GBR
31.14	K PIPES-NEILSEN	USA	1:10.79	PAT CRAISSATI	USA	2:27.49	DEBBIE CAVANAUGH	USA	1:22.32	KAREN MAREB	USA
31.40	MARIKA MCCUE	USA	1:11.31	MAUREEN SHEEHAN	CAN	2:27.67	TRACY GRILLI	USA	1:22.94	PATRICIA WARREN	GBR
32.13	VIBEKE SWANSON	USA	1:11.32	REBECCA PERROTT	NZL	400 M.	FREE		1:23.03	KAREN MELICK	USA
32.44	CAROLINE KRATTLI	USA	1:11.45	RUTH BATTIE	USA	4:30.98	S HEIM-BOWEN	USA	1:23.11	LINDA PHILLIPS	GBR
32.58	KARIN SEICK	GER	200 M.	FLY		4:43.49	JENNY WHITELEY	AUS	1:23.35	AVILA RHODES	CAN
32.81	SARAH MACDONALD	CAN	2:24.78	K PIPES-NEILSEN	USA	4:51.27	KAREN EINSIDLER	USA	1:24.31	URSULA RICHTER	GER
32.96	UTE ROMBERG	GER	2:29.92	CYNTHIA PINCOTT	CAN	4:54.55	MARGARET SMITH	GBR	1:24.50	LEIANN CRITTENDEN	USA
33.50	MASAMI HIGURASHI	JPN	2:30.05	LYNN MARSHALL	CAN	4:56.70	C.TARANTINO	ITA	200 M.	BRST	
33.72	E.BEUCHER FEZARD	FRA	2:31.03	JUDY HATTLE	GBR	4:58.31	ATIE PIJTAK	NED	2:48.38	JENNY WHITELEY	AUS
33.97	CATHY SHONKWELLER	USA	2:33.50	BARBARA GELLRICH	GER	5:01.46	CINDY LEE	USA	2:53.23	AMANDA HEATH	GBR
100 M.	BACK		2:40.05	SHIZUKO HIRASHI	JPN	5:05.69	JEANNE CARLSEN	CAN	2:54.57	KAREN MELICK	USA
1:05.61	K PIPES-NEILSEN	USA	2:41.09	PAT CRAISSATI	USA	5:08.87	COLETTE CRABBE	USA	2:59.34	AVILA RHODES	CAN
1:08.74	VIBEKE SWANSON	USA	2:44.57	MARGRIET GROVE	NED	5:09.05	TRACY GRILLI	USA	3:04.37	LEIANN CRITTENDEN	USA
1:09.31	MARIKA MCCUE	USA	2:44.79	REBECCA KALIBAT	USA	800 M.	FREE		3:04.49	FRANCES PENWARDEN	GBR
1:10.04	LESLEY WILDE	GBR	2:46.68	MAUREEN SHEEHAN	CAN	9:35.19	S HEIM-BOWEN	USA	3:07.10	KEIKO UTSUMI	JPN
1:10.89	UTE ROMBERG	GER	100 M.	I.M.		10:00.03	C.TARANTINO	ITA	3:07.69	KANAE AKIHA	JPN
1:11.45	CAROLINE KRATTLI	USA	1:05.56	K PIPES-NEILSEN	USA	10:21.49	MARGARET SMITH	GBR	3:07.83	LINDA PHILLIPS	GBR
1:12.80	MASAMI HIGURASHI	JPN	1:08.82	SARAH MACDONALD	CAN	10:31.67	JEANNE CARLSEN	CAN	3:08.63	URSULA RICHTER	GER
1:13.07	SHIZUKO HIRASHI	JPN	1:09.42	MARIKA MCCUE	USA	10:45.43	LORRAINE BETTS	GBR	50 M.	FLY	
1:13.39	LISA DIXON-WELLS	CAN	1:10.47	CYNTHIA PINCOTT	CAN	10:45.88	JEAN BANCKS	USA	30.91	ANGELA ZINGLER	GER
1:13.49	ANN KOURI	CAN	1:10.70	BARBARA GELLRICH	GER	10:48.43	SANDY MCEACHERN	CAN	31.12	JENNY WHITELEY	AUS
200 M.	BACK		1:10.71	VIBEKE SWANSON	USA	10:52.14	CELIA DEVANNEY	USA	31.20	ROBIN PARISI	USA
2:19.09	K PIPES-NEILSEN	USA	1:11.26	KATHY RENARD	CAN	10:55.91	JOY LEUTNER	USA	31.29	TRACI GRANGER	USA
2:28.44	VIBEKE SWANSON	USA	1:12.07	SHIZUKO HIRASHI	JPN	11:04.38	NIKI STOKOLS	USA	31.58	HARUMI SUGINUMA	JPN
2:33.26	LESLEY WILDE	GBR	1:12.25	CATHY CODLING	AUS	1500 M.	FREE		31.58	SACHIKO SAITO	JPN
2:34.59	UTE ROMBERG	GER	1:12.61	MARJA BLOEMZAAD	NED	19:12.90	C.TARANTINO	ITA	32.30	PATRICIA THOMAS	USA
2:36.11	MARIKA MCCUE	USA	200 M.	I.M.		20:09.37	JEAN BANCKS	USA	32.48	GAYLE WETTACH	USA
2:37.08	MASAMI HIGURASHI	JPN	2:20.55	K PIPES-NEILSEN	USA	20:26.66	LORRAINE BETTS	GBR	32.56	SARAH BANKO	USA
2:39.23	LYNN MARSHALL	CAN	2:26.51	CAROLINE KRATTLI	USA	20:31.38	JANE STITES-BURKS	USA	32.90	AROMA MARTORELL	BRA
2:39.82	LISA DIXON-WELLS	CAN	2:29.76	VIBEKE SWANSON	USA	20:43.40	CORY FERRARA	USA	100 M.	FLY	
2:39.92	CATHY CODLING	AUS	2:30.34	CYNTHIA PINCOTT	CAN	20:46.33	NIKI STOKOLS	USA	1:09.24	JENNY WHITELEY	AUS
2:40.14	ANN KOURI	CAN	2:33.67	BARBARA GELLRICH	GER	20:48.11	CELIA DEVANNEY	USA	1:10.54	MARGARET SMITH	GBR
50 M.	BRST		2:34.31	MARIKA MCCUE	USA	21:14.12	DEBBIE WILSON	USA	1:11.74	HARUMI SUGINUMA	JPN
33.67	CAROLINE KRATTLI	USA	2:34.96	SARAH MACDONALD	CAN	21:24.67	NARELLE MCINTYRE	AUS	1:11.90	ROBIN PARISI	USA
35.34	K PIPES-NEILSEN	USA	2:35.64	UTE ROMBERG	GER	21:36.62	JOAN BYRNE	USA	1:12.64	AMANDA HEATH	GBR
36.02	PETRA HAAS	GER	2:36.28	LESLEY WILDE	GBR	50 M.	BACK		1:12.95	ANGELA ZINGLER	GER
36.08	SATOKO TOKITA	JPN	2:37.62	REBECCA KALIBAT	USA	32.65	L VAN PELT-DILLER	USA	1:13.70	SUSAN SKIFF	ITA
36.09	M.ODILE CHARLES	FRA	400 M.	I.M.		32.74	K ANDRUS-HUGHES	USA	1:13.80	S HEIM-BOWEN	USA
36.13	KATHY RENARD	CAN	5:06.63	K PIPES-NEILSEN	USA	33.06	AROMA MARTORELL	BRA	1:14.24	COLETTE CRABBE	USA
36.91	BARBARA GELLRICH	GER	5:18.82	VIBEKE SWANSON	USA	33.52	SARAH BANKO	USA	1:14.36	LINDA PHILLIPS	GBR
37.00	ALBENA POPOVA	ITA	5:25.80	CYNTHIA PINCOTT	CAN	34.27	STEPHANIE ROLLINS	USA	200 M.	FLY	
37.29	SARAH MACDONALD	CAN	5:26.87	LYNN MARSHALL	CAN	34.35	JENNY WHITELEY	AUS	2:35.17	JENNY WHITELEY	AUS
37.37	VERITY DOBBIE	GBR	5:35.73	JUDY HATTLE	GBR	34.43	ANGELA ZINGLER	GER	2:41.17	MARGARET SMITH	GBR
100 M.	BRST		5:37.27	REBECCA KALIBAT	USA	34.90	JUDY WOODWARD	CAN	2:42.19	COLETTE CRABBE	USA
1:12.08	CAROLINE KRATTLI	USA	5:38.49	TRACY ELLIS	GBR	35.26	EILEEN LUTHER	GBR	2:46.25	ESTHER ISEPPI	SUI
1:17.71	M.ODILE CHARLES	FRA	5:43.96	JO-ANN ELO	CAN	35.27	DEBBIE CAVANAUGH	USA	2:50.93	FERNANDA PRADO	BRA
1:19.34	KATHY RENARD	CAN	5:46.19	SHIZUKO HIRASHI	JPN	100 M.	BACK		2:51.14	HARUMI SUGINUMA	JPN
1:19.59	BRITTA OLSCHOWKA	GER	5:46.21	ANNA MARIA NUNIA	ITA	1:09.98	L VAN PELT-DILLER	USA	2:52.31	SUSAN SKIFF	ITA
1:20.39	PETRA HAAS	GER				1:12.73	AROMA MARTORELL	BRA	2:52.47	PATRICIA THOMAS	USA
1:20.56	VERITY DOBBIE	GBR	*****			1:14.14	SARAH BANKO	USA	2:53.63	LAURIE ALIOTO	USA
1:21.30	CYNTHIA PINCOTT	CAN		WOMEN 45-49		1:14.43	DIANA TURNER	GBR	2:59.58	M PUJALETDEVITT	USA
1:21.48	SILKE GODDE	GER	*****			1:14.68	JUDY WOODWARD	CAN	100 M.	I.M.	
1:21.78	SATOKO TOKITA	JPN	50 M.	FREE		1:14.81	STEPHANIE ROLLINS	USA	1:09.68	JENNY WHITELEY	AUS
1:21.89	REBECCA KALIBAT	USA	27.77	JENNY WHITELEY	AUS	1:15.48	JENNY WHITELEY	AUS	1:12.66	ROBIN PARISI	USA
200 M.	BRST		28.52	LAURA GORGERINO	ITA	1:15.63	CINDY LEE	USA	1:13.77	JUDY WOODWARD	CAN
2:40.44	CAROLINE KRATTLI	USA	28.59	K ANDRUS-HUGHES	USA	1:16.11	DEBBIE CAVANAUGH	USA	1:14.84	GAYLE WETTACH	USA
2:50.46	CYNTHIA PINCOTT	CAN	29.00	TRACI GRANGER	USA	1:16.70	UTE CIMDINS	GER	1:15.03	MELINDA MANN	USA
2:52.70	M.ODILE CHARLES	FRA	29.07	ANGELA ZINGLER	GER	200 M.	BACK		1:15.85	COLETTE CRABBE	USA
2:54.26	JUDY HATTLE	GBR	29.11	LINSDEY GOWLAND	GBR	2:36.84	C.TARANTINO	ITA	1:15.91	ATIE PIJTAK	NED
2:55.81	VERITY DOBBIE	GBR	29.40	LEIANN CRITTENDEN	USA	2:40.94	K ANDRUS-HUGHES	USA	1:15.96	AMANDA HEATH	GBR
2:57.23	KYM TAMPLIN	GBR	29.42	GAYLE WETTACH	USA	2:44.69	STEPHANIE ROLLINS	USA	1:15.98	DEBBIE CAVANAUGH	USA
2:57.28	STEPH PETERSEN	USA	29.43	MARGARET SMITH	GBR	2:45.73	DEBBIE CAVANAUGH	USA	1:16.40	LEIANN CRITTENDEN	USA
2:57.40	ANN WALLING	CAN	29.68	S LE NOACH BOZON	FRA	2:45.80	BIRGIT HEINIG	GER	200 M.	I.M.	
2:57.41	JAYNE O'BRIEN	GBR	100 M.	FREE		2:45.82	JENNY WHITELEY	AUS	2:34.02	JENNY WHITELEY	AUS
2:58.02	TRACY ELLIS	GBR	1:01.42	JENNY WHITELEY	AUS	2:46.36	LAURIE ALIOTO	USA	2:41.63	ATIE PIJTAK	NED
50 M.	FLY		1:02.17	ATIE PIJTAK	NED	2:47.39	ESTHER ISEPPI	SUI	2:42.83	CINDY LEE	USA
29.51	K PIPES-NEILSEN	USA	1:03.49	K ANDRUS-HUGHES	USA	2:47.99	KIM GOODWIN	USA	2:43.61	AMANDA HEATH	GBR
29.75	CYNTHIA PINCOTT	CAN	1:03.95	MARGARET SMITH	GBR	2:48.43	MARTHA STANTON	JPN	2:43.77	ESTHER ISEPPI	SUI
29.87	BARBARA GELLRICH	GER	1:04.15	JEAN BANCKS	USA	50 M.	BRST		2:44.78	BIRGIT HEINIG	GER
30.29	KARIN SEICK	GER	1:04.33	S HEIM-BOWEN	USA	36.41	JENNY WHITELEY	AUS	2:45.16	DEBBIE CAVANAUGH	USA

World Masters Top 10 SCM (25 M)

2:45.94	EDIE FISHER	CAN	22:12.60	ELIZAB DESCHENES	USA	1:18.36	M.NEUMEISTER	GER	2:44.73	JUDY ALDEN	GBR
2:46.60	SUSAN SKIFF	ITA	50	M. BACK		1:20.20	DEBBIE GLASSMAN	USA	2:45.88	YVONNE LEONOV	ISR
2:47.12	HARUMI SUGINUMA	JPN	33.19	LAURA VAL	USA	1:20.34	CLAUDIA KOCH	GER	2:47.38	DIANE BOCKISCH	AUS
	400 M. I.M.		34.73	JOEL FELDMANN	USA	1:20.39	YURI SUETSUGU	JPN	2:48.34	JACKIE QUATTRO	USA
5:28.91	JENNY WHITELEY	AUS	35.76	ANN GUINS	USA	1:21.89	KAY GRAHAM	AUS	400 M. FREE		
5:43.93	ESTHER ISEPPI	SUI	36.01	EVIE LYNCH	USA	1:23.88	MICHIKO OTO	JPN	5:22.59	F WILLIAMSON	USA
5:43.99	S HEIM-BOWEN	USA	36.38	B.BAZUREAU	FRA	200 M. FLY			5:38.81	JULIE CRAYFORD	GBR
5:44.92	AMANDA HEATH	GBR	37.06	K.TUNNICLIFFE	GBR	2:49.36	M.NEUMEISTER	GER	5:41.47	DEBORAH BARTON	GBR
5:59.44	LAURIE ALIOTO	USA	37.19	KARLEN TREBESINER	USA	2:49.83	BARBARA DUNBAR	USA	5:47.96	MARCIA BARRY	USA
5:59.62	DEBBIE CAVANAUGH	USA	37.44	TAKAKO NAKAHARA	JPN	2:59.35	CHRISTIE CIRAULO	USA	5:52.09	KATHY SLIFER	USA
6:04.14	PATRICIA THOMAS	USA	37.79	DIANE WHITE	GBR	3:01.81	CLAUDIA KOCH	GER	5:56.20	SUSANA BARKLEY	ESP
6:06.79	BIRGIT HEINIG	GER	37.83	ANNE LABORWIT	USA	3:02.58	SUE HAIGH	GBR	5:58.32	SUSAN GUSTAVISON	CAN
6:07.04	HARUMI SUGINUMA	JPN	100	M. BACK		3:06.05	CATHY MANCINO	USA	5:59.72	M ELAINE BLOWER	GBR
6:07.46	TRACI GRANGER	USA	1:15.09	LAURA VAL	USA	3:07.47	C.NIEUWENHUIS	NED	6:01.18	MARGARETA BRASK	SWE
			1:16.60	JOEL FELDMANN	USA	3:11.92	KRIS WINGENROTH	USA	6:02.25	ANGELIKA RADAU	GER
	*****		1:19.36	JANETTE JEFFREY	AUS	3:12.86	S.MORCHE-BLOCH	GER	800 M. FREE		
	WOMEN 50-54		1:20.61	ANNE CORK	GBR	3:13.83	MICHIKO OTO	JPN	11:30.56	F WILLIAMSON	USA
	*****		1:21.01	EVIE LYNCH	USA	100 M. I.M.			11:34.21	JULIE CRAYFORD	GBR
	50 M. FREE		1:21.03	KARLEN TREBESINER	USA	1:12.50	LAURA VAL	USA	11:39.82	MARCIA BARRY	USA
28.81	LAURA VAL	USA	1:22.29	DIANE WHITE	GBR	1:13.52	DANIELLE OGIER	USA	12:00.14	SUSANA BARKLEY	ESP
29.10	JOEL FELDMANN	USA	1:22.41	ANNE LABORWIT	USA	1:17.20	JOEL FELDMANN	USA	12:13.26	M ELAINE BLOWER	GBR
29.74	M.RICHTHOFEN	GER	1:23.98	DEB WALKER	USA	1:18.09	CATHY MERRITT	CAN	12:16.17	JACKIE QUATTRO	USA
29.86	REGULA STEIGER	SUI	1:24.20	ANN GUINS	USA	1:18.51	EVIE LYNCH	USA	12:20.17	KATHRINE CASEY	USA
29.89	SUE HODGE	GBR	200	M. BACK		1:21.18	K TUNNICLIFFE	GBR	12:20.18	TAEKO IKEDA	JPN
30.17	CONNY BOER-BUIJS	NED	2:41.20	LAURA VAL	USA	1:21.66	DEB WALKER	USA	12:27.23	SUSAN GUSTAVISON	CAN
30.58	COLNY TUCKER	USA	2:47.44	DANIELLE OGIER	USA	1:22.21	DIANE ROTHENBERG	USA	12:27.40	MARY POHLMANN	USA
30.66	KARLEN TREBESINER	USA	2:47.53	EVIE LYNCH	USA	1:22.94	DIANE WHITE	GBR	1500 M. FREE		
30.68	EVIE LYNCH	USA	2:54.08	ANNE CORK	GBR	1:23.02	PETRA SCHROER	GER	21:52.77	JULIE CRAYFORD	GBR
30.84	YURI SUETSUGU	JPN	2:55.16	DIANE WHITE	GBR	200 M. I.M.			21:56.12	MARCIA BARRY	USA
	100 M. FREE		2:55.48	JANETTE JEFFREY	AUS	2:39.36	LAURA VAL	USA	22:07.35	F WILLIAMSON	USA
1:02.48	LAURA VAL	USA	2:55.63	KATHI LINDSTROM	USA	2:40.04	DANIELLE OGIER	USA	22:37.30	SUSANA BARKLEY	ESP
1:06.52	CATHY MERRITT	CAN	2:55.94	CHRISTIE CIRAULO	USA	2:46.27	LAURA VACA	MEX	22:47.27	LINDA SHOENBERGER	USA
1:06.81	CONNY BOER-BUIJS	NED	2:57.72	CATHY MERRITT	CAN	2:56.35	CATHY MERRITT	CAN	22:54.46	KATHRINE CASEY	USA
1:08.31	SUE HODGE	GBR	2:59.41	ANNE LABORWIT	USA	2:57.83	BARBARA DUNBAR	USA	22:56.13	JACKIE QUATTRO	USA
1:08.39	REGULA STEIGER	SUI	50	M. BRST		2:59.42	CHRISTIE CIRAULO	USA	23:39.90	RITSUKO KUROSAWA	JPN
1:08.40	PAM COBB	USA	37.59	PETRA SCHROER	GER	3:05.58	S LEE-SHERIDAN	USA	23:56.45	SUSAN GUSTAVISON	CAN
1:08.43	EVIE LYNCH	USA	38.03	DANIELLE OGIER	USA	3:05.61	M.JANNEKEYN	FRA	24:06.45	MARGARETA BRASK	SWE
1:08.55	YURI SUETSUGU	JPN	38.67	REGULA STEIGER	SUI	3:06.25	MIRA GUGLIELMI	ITA	50	M. BACK	
1:08.60	M.RICHTHOFEN	GER	39.47	DEB WALKER	USA	3:06.46	KAZUE OZAKI	JPN	35.15	DEBORAH BARTON	GBR
1:08.63	JOEL FELDMANN	USA	39.67	JENNIFER MERRITT	GBR	400 M. I.M.			36.10	MARGIT OHLSSON	SWE
	200 M. FREE		40.26	BEA POOL	NED	5:51.84	LAURA VACA	MEX	36.13	MICHIKO KIHARA	JPN
2:14.66	LAURA VAL	USA	40.29	BARBARA HUMMEL	USA	6:03.37	BARBARA DUNBAR	USA	37.85	YVONNE LEONOV	ISR
2:25.89	BARBARA DUNBAR	USA	40.62	CATHY MERRITT	CAN	6:05.59	KATHI LINDSTROM	USA	38.24	LYNNE TANNER	GBR
2:29.66	KATHI LINDSTROM	USA	40.83	DIANE ROTHENBERG	USA	6:11.29	ULRIKE URBANIAK	GER	39.22	YOKO NAKAMURA	JPN
2:29.88	CATHY MERRITT	CAN	40.86	ANNETTE THATCHER	GBR	6:14.57	SUE HAIGH	GBR	40.19	SUSIE BRESLIN	GBR
2:30.86	YURI SUETSUGU	JPN	100	M. BRST		6:22.81	CHRISTIE CIRAULO	USA	40.49	KYOKO NAITO	JPN
2:32.84	ANNE LABORWIT	USA	1:22.53	PETRA SCHROER	GER	6:28.87	PRISCILL KAWAKAMI	USA	40.83	MARY POHLMANN	USA
2:34.55	CONNY BOER-BUIJS	NED	1:24.17	DANIELLE OGIER	USA	6:31.40	S LEE-SHERIDAN	USA	41.12	F WILLIAMSON	USA
2:36.06	PRISCILL KAWAKAMI	USA	1:24.20	ULRIKE URBANIAK	GER	6:41.00	S.MORCHE-BLOCH	GER	100	M. BACK	
2:36.31	MARGARETA RAINER	SWE	1:24.89	JENNIFER MERRITT	GBR	6:42.79	CATHY MANCINO	USA	1:19.37	MARGIT OHLSSON	SWE
2:37.16	CHRISTIE CIRAULO	USA	1:25.04	REGULA STEIGER	SUI				1:19.47	DEBORAH BARTON	GBR
	400 M. FREE		1:25.53	DEB WALKER	USA	*****			1:23.01	YVONNE LEONOV	ISR
4:45.72	LAURA VAL	USA	1:28.18	CATHY MERRITT	CAN				1:25.43	BRIGITTE MERTEN	GER
5:57.03	PAULINE INWOOD	GBR	1:29.96	DIANE ROTHENBERG	USA	*****			1:25.96	SUSIE BRESLIN	GBR
5:02.75	BARBARA DUNBAR	USA	1:30.39	ANNETTE THATCHER	GBR	50	M. FREE		1:25.97	LYNNE TANNER	GBR
5:07.43	LAURA VACA	MEX	1:30.49	JANE HARPER	USA	31.63	F WILLIAMSON	USA	1:27.34	KATHY SLIFER	USA
5:18.22	CHRISTIE CIRAULO	USA	200	M. BRST		31.64	JUDY WILSON	GBR	1:28.88	MARY POHLMANN	USA
5:20.07	KATHI LINDSTROM	USA	2:57.49	ULRIKE URBANIAK	GER	32.45	DEBORAH BARTON	GBR	1:29.11	F WILLIAMSON	USA
5:21.56	DOT MUNGER	USA	3:03.29	DANIELLE OGIER	USA	32.46	BITTE AXLING	SWE	1:30.28	KATHRINE CASEY	USA
5:23.51	MARGARETA RAINER	SWE	3:03.68	JENNIFER MERRITT	GBR	32.81	JUDY ALDEN	GBR	200	M. BACK	
5:23.69	ANNE LABORWIT	USA	3:06.87	DEB WALKER	USA	32.88	MARGARETA BRASK	SWE	2:58.08	DEBORAH BARTON	GBR
5:23.88	PRISCILL KAWAKAMI	USA	3:11.29	CATHY MERRITT	CAN	33.22	JULIE CRAYFORD	GBR	3:06.15	SUSIE BRESLIN	GBR
	800 M. FREE		3:13.99	DIANE ROTHENBERG	USA	33.31	SUSANA BARKLEY	ESP	3:07.71	MARY POHLMANN	USA
9:50.53	LAURA VAL	USA	3:16.87	KAY GRAHAM	AUS	33.38	YASUKO SOGA	JPN	3:10.41	MARCIA BARRY	USA
10:21.03	LAURA VACA	MEX	3:19.14	S.MORCHE-BLOCH	GER	33.56	TOMIYO IWAI	JPN	3:10.49	BRIGITTE MERTEN	GER
10:21.47	BARBARA DUNBAR	USA	3:19.36	REGULA STEIGER	SUI	100	M. FREE		3:10.62	KATHRINE CASEY	USA
10:38.79	KATHI LINDSTROM	USA	3:19.43	ANNE CORK	GBR	1:08.70	F WILLIAMSON	USA	3:12.64	M ELAINE BLOWER	GBR
10:40.76	CHRISTIE CIRAULO	USA	50	M. FLY		1:09.59	JUDY WILSON	GBR	3:18.98	SUSAN YEOMANS	USA
11:04.85	MARGARETA RAINER	SWE	31.77	LAURA VAL	USA	1:10.34	DEBORAH BARTON	GBR	3:19.93	JEANNIE MITCHELL	USA
11:08.98	CLAUDIA KOCH	GER	32.43	JOEL FELDMANN	USA	1:11.51	CAROL FELLOWS	GBR	3:21.04	SUSAN GUSTAVISON	CAN
11:14.63	PRISCILL KAWAKAMI	USA	32.81	CHRISTIE CIRAULO	USA	1:13.41	MARGARETA BRASK	SWE	50	M. BRST	
11:23.80	SUE HAIGH	GBR	33.23	CONNY BOER-BUIJS	NED	1:13.78	JUDY ALDEN	GBR	39.35	DALE BARNHARD	USA
11:34.53	CARMEN CORRES	ESP	33.49	M.RICHTHOFEN	CAN	1:14.82	MARCIA BARRY	USA	40.27	GINGER PIERSON	USA
	1500 M. FREE		33.55	EVIE LYNCH	USA	1:14.90	ESTHER HOLDSHTEIN	ISR	40.56	JULIE CRAYFORD	GBR
19:19.67	LAURA VAL	USA	34.16	COLNY TUCKER	USA	1:15.90	YVONNE LEONOV	ISR	40.83	JUDY ALDEN	GBR
19:37.21	BARBARA DUNBAR	USA	34.34	DEBBIE GLASSMAN	USA	1:16.07	JOANNE MENARD	USA	41.85	KAYAKO HIROSE	JPN
20:22.38	CHRISTIE CIRAULO	USA	34.36	C.NIEUWENHUIS	NED	200	M. FREE		41.96	YVONNE LEONOV	ISR
20:24.24	KATHI LINDSTROM	USA	34.55	YOSHIKO KADOSAKA	JPN	2:32.29	F WILLIAMSON	USA	42.16	VERA LUCIA SASSE	BRA
21:22.55	SHERRY KITRELL	USA	100	M. FLY		2:36.14	BRIGITTE MERTEN	GER	42.51	YVONNE CATTRALL	CAN
21:26.99	CLAUDIA KOCH	GER	1:09.24	LAURA VAL	USA	2:38.11	DEBORAH BARTON	GBR	42.78	SHIZUKA HATTORI	JPN
21:50.00	SUSAN HAIGH	GBR	1:15.25	CHRISTIE CIRAULO	USA	2:39.41	CAROL FELLOWS	GBR	42.83	VLASTA OEHL	GER
21:57.24	MARGARETA RAINER	SWE	1:16.24	LIZ RUTHERFORD	GBR	2:41.90	ESTHER HOLDSHTEIN	ISR	100	M. BRST	
22:10.43	CARMEN CORRES	ESP	1:18.20	BARBARA DUNBAR	USA	2:43.27	MARCIA BARRY	USA	1:26.33	DALE BARNHARD	USA

World Masters Top 10
SCM (25 M)

1:27.95	GINGER PIERSON	USA	7:00.25	PATRICIA JACKSON	GBR	41.80	BARBARA FRID	USA	3:42.06	REIKO NAGASAKU	JPN
1:31.06	JULIE CRAYFORD	GBR	7:03.00	MARGIT OHLSSON	SWE	100 M.	BACK		3:44.87	GEORGINA HAMILTON	GBR
1:33.06	VLASTA OEHL	GER	7:07.04	SUSAN YEOMANS	USA	1:21.06	SATOKO TAKEUJI	JPN	3:45.75	M.HELENA PADILLA	BRA
1:33.82	KAYAKO HIROSE	JPN				1:25.61	BONNIE PRONK	CAN	3:51.12	CHIZUKO TAKAI	JPN
1:33.86	YOSHIE OGASAWARA	JPN	*****			1:26.00	SILVANA ABREU	BRA	3:53.56	SUSAN MEYERS	USA
1:34.13	BARBARA GOLTZ	USA	WOMEN 60-64			1:27.06	JACKIE MARR	USA	4:03.06	TOSHIKO NOBUTA	JPN
1:34.24	MARGOT PETTIJOHN	USA	*****			1:27.98	CHRISTEL SCHULZ	GER	4:04.64	CHRISTINA NEUMANN	CAN
1:34.31	ANNEGRET VOLCKER	GER	50 M.	FREE		1:30.56	JOY WARD	USA	100 M.	I.M.	
1:35.12	ESTHER HOLDSHTEIN	ISR	32.15	CHRISTEL SCHULZ	GER	1:30.98	NORIKO YOSHIDA	JPN	1:23.10	BONNIE PRONK	CAN
200 M.	BRST		32.92	JACKIE MARR	USA	1:32.25	KAZUKO ITO	JPN	1:24.91	JACKIE MARR	USA
3:12.18	DALE BARNHARD	USA	33.13	SATOKO KAWATA	JPN	1:32.85	JANE KATZ	USA	1:25.59	SILVANA ABREU	BRA
3:17.38	JULIE CRAYFORD	GBR	33.29	KAYE BEER	AUS	1:33.41	DORIS HANNESEN	GER	1:25.68	CHRISTEL SCHULZ	GER
3:17.54	GINGER PIERSON	USA	33.84	NANCY RIDOUT	USA	1:33.41	SARAH KOPSKY	USA	1:27.41	SATOKO KAWATA	JPN
3:18.94	YOSHIE OGASAWARA	JPN	34.16	IKUKO OKADO	JPN	200 M.	BACK		1:30.36	JOY WARD	USA
3:23.23	MARGOT PETTIJOHN	USA	34.30	JOY WARD	USA	2:57.96	BONNIE PRONK	CAN	1:30.78	MONIKA SENFTLEBEN	GER
3:23.95	TAMAE FURUYA	JPN	34.45	JEAN HOWARD-JONES	GBR	3:01.86	JACKIE MARR	USA	1:31.95	BARBARA FRID	USA
3:23.96	RITSUKO KUROSAWA	JPN	34.59	BONNIE PRONK	CAN	3:16.14	JANE KATZ	USA	1:32.33	JUDITH VAN BERKEL	NED
3:24.88	F WILLIAMSON	USA	34.93	BETH SCHREINER	USA	3:17.21	KAZUKO ITO	JPN	1:32.44	DIANE FORD	GBR
3:25.25	ESTHER HOLDSHTEIN	ISR	100 M.	FREE		3:18.41	JOY WARD	USA	200 M.	I.M.	
3:27.05	KAYAKO HIROSE	JPN	1:12.39	JACKIE MARR	USA	3:23.28	SUE POLLARD	NZL	3:03.22	JACKIE MARR	USA
50 M.	FLY		1:15.21	CHRISTEL SCHULZ	GER	3:23.38	ROTRAUD PALMER	GBR	3:03.84	BONNIE PRONK	CAN
32.80	JUDY WILSON	GBR	1:18.75	KAYE BEER	AUS	3:25.28	MICHIKO SHINOHARA	JPN	3:18.70	KAZUKO ITO	JPN
33.85	YVONNE LEONOV	ISR	1:19.32	SATOKO KAWATA	JPN	3:27.65	HERILENE FREITAS	BRA	3:21.53	JOY WARD	USA
35.81	YASUKO SOGA	JPN	1:19.47	JEAN HOWARD-JONES	GBR	3:29.34	LYNNE LUND	USA	3:21.79	RENATE ZSCHOCKELT	GER
36.01	SUSANA BARKLEY	ESP	1:19.53	M.DI-CESARE	NZL	50 M.	BRST		3:24.39	LYNNE LUND	USA
36.21	SUSAN TYLER	USA	1:20.00	BONNIE PRONK	CAN	39.85	BONNIE PRONK	CAN	3:28.37	SUSAN MEYERS	USA
36.43	JULIE CRAYFORD	GBR	1:20.34	DOREEN GORDON	GBR	41.44	HANNELORE ROSE	GER	3:28.85	M.HELENA PADILLA	BRA
36.45	LYNNE TANNER	GBR	1:20.81	NANCY RIDOUT	USA	41.54	ELAINE BROMWICH	GBR	3:30.78	YOSHIKO KAWASAKI	JPN
36.91	GLENDA ADAMS	GBR	1:20.82	PENNY WEBSTER	GBR	41.96	DIANE FORD	GBR	3:31.04	MONIKA WARNUSZ	GER
36.94	HARRIET BURE	SWE	200 M.	FREE		43.84	ROTRAUD PALMER	GBR	400 M.	I.M.	
37.39	MACHIKO OGATA	JPN	2:39.96	JACKIE MARR	USA	44.26	MONIKA WARNUSZ	GER	6:27.20	JACKIE MARR	USA
100 M.	FLY		2:48.60	SILVANA ABREU	BRA	44.91	KAZUKO KAJIWARA	JPN	6:28.90	BONNIE PRONK	CAN
1:16.00	JUDY WILSON	GBR	2:48.90	CHRISTEL SCHULZ	GER	45.40	LUISE KNOPFLE	GER	6:46.24	HANNELORE ROSE	GER
1:21.34	SUSANA BARKLEY	ESP	2:51.17	BONNIE PRONK	CAN	45.75	ROSEMARIE PAPKE	GER	7:14.20	LYNNE LUND	USA
1:22.24	SHERRY PUTHOFF	USA	2:51.55	PENNY WEBSTER	GBR	45.81	BARBRO FLODSTROM	SWE	7:16.94	KAZUKO ITO	JPN
1:24.89	JULIE CRAYFORD	GBR	2:54.35	DOREEN GORDON	GBR	100 M.	BRST		7:19.90	SUSAN MEYERS	USA
1:26.69	SUSAN TYLER	USA	2:55.19	IKUKO OKADO	JPN	1:27.40	BONNIE PRONK	CAN	7:22.28	JOY WARD	USA
1:28.28	KEIKO HONDA	JPN	2:56.81	ANN URQUHART	CAN	1:28.52	HANNELORE ROSE	GER	7:23.02	M.DI-CESARE	NZL
1:29.01	RITSUKO KUROSAWA	JPN	2:56.91	NANCY RIDOUT	USA	1:31.63	DIANE FORD	GBR	7:25.41	GEORGINA HAMILTON	GBR
1:30.46	PATRICIA JACKSON	GBR	2:57.20	KAZUKO ITO	JPN	1:32.80	MONIKA SENFTLEBEN	GER	7:36.22	REIKO NAGASAKU	JPN
1:30.49	GINGER PIERSON	USA	400 M.	FREE		1:32.84	ELAINE BROMWICH	GBR			
1:30.61	NOBUKO YASUDA	JPN	5:27.75	JACKIE MARR	USA	1:33.31	JOANN LEILICH	USA	*****		
200 M.	FLY		5:53.58	PENNY WEBSTER	GBR	1:35.43	LUISE KNOPFLE	GER	WOMEN 65-69		
3:07.69	JUDY WILSON	GBR	5:54.74	BONNIE PRONK	CAN	1:36.27	MONIKA WARNUSZ	GER	*****		
3:11.97	JULIE CRAYFORD	GBR	5:59.09	SILVANA ABREU	BRA	1:40.04	CHRISTEL EDELING	GER	50 M.	FREE	
3:16.34	GINGER PIERSON	USA	6:09.60	DOREEN GORDON	GBR	1:40.97	ROSEMARIE PAPKE	GER	33.10	YOSHIKO OSAKI	JPN
3:19.79	KEIKO HONDA	JPN	6:16.09	JANE KATZ	USA	200 M.	BRST		34.67	OLGA KREJCI	SUI
3:21.07	HARRIET BURE	SWE	6:16.21	NANCY RIDOUT	USA	3:10.68	BONNIE PRONK	CAN	35.07	PAM HUTCHINGS	AUS
3:21.34	RITSUKO KUROSAWA	JPN	6:20.16	KAZUKO ITO	JPN	3:11.70	HANNELORE ROSE	GER	35.24	FUSAKO HIROOKA	JPN
3:22.52	PATRICIA JACKSON	GBR	6:22.79	LYNNE LUND	USA	3:19.46	DIANE FORD	GBR	36.08	KEIKO YAMADA	JPN
3:37.40	KATHRINE CASEY	USA	6:30.35	ANN URQUHART	CAN	3:20.33	JOANN LEILICH	USA	36.59	LINDA MACPHERSON	CAN
3:40.45	BARBARA LARSEN	USA	800 M.	FREE		3:20.65	ELAINE BROMWICH	GBR	36.67	V.JOHANSSON	SWE
3:41.80	JUANITA PREBBLE	CAN	11:45.61	JACKIE MARR	USA	3:22.65	MONIKA SENFTLEBEN	GER	36.69	HISAKO SATO	JPN
100 M.	I.M.		12:01.84	BONNIE PRONK	CAN	3:23.82	LUISE KNOPFLE	GER	36.94	BARBARA ZAREMSKI	USA
1:20.00	YVONNE LEONOV	ISR	12:23.71	PENNY WEBSTER	GBR	3:30.47	MONIKA WARNUSZ	GER	37.13	SHOKO YONEZAWA	JPN
1:21.14	SHERRY PUTHOFF	USA	12:27.72	KAZUKO ITO	JPN	3:39.47	CHIZUKO TAKAI	JPN	100 M.	FREE	
1:23.14	DEBORAH BARTON	GBR	12:29.13	SILVANA ABREU	BRA	3:39.68	CHRISTEL EDELING	GER	1:13.51	YOSHIKO OSAKI	JPN
1:23.66	DALE BARNHARD	USA	12:35.07	JANE KATZ	USA	50 M.	FLY		1:18.25	PAM HUTCHINGS	AUS
1:23.97	MARGIT OHLSSON	SWE	12:57.54	M.DI-CESARE	NZL	36.45	MICHIE DOI	JPN	1:21.73	LINDA MACPHERSON	CAN
1:24.39	JULIE CRAYFORD	GBR	13:00.75	ANN URQUHART	CAN	36.95	JOY WARD	USA	1:23.32	V.JOHANSSON	SWE
1:24.53	CAROL FELLOWS	GBR	13:25.85	JUDITH VAN BERKEL	NED	37.09	SARAH KOPSKY	USA	1:23.42	MIDGE KRAETZER	USA
1:25.63	SUSANA BARKLEY	ESP	13:34.30	ERDA DILLINGER	CAN	37.15	CHRISTEL SCHULZ	GER	1:23.51	FUMIKO NAKAMURA	JPN
1:26.13	GINGER PIERSON	USA	1500 M.	FREE		37.38	SILVANA ABREU	BRA	1:23.60	BARBARA ZAREMSKI	USA
1:26.24	GLENDA ADAMS	GBR	21:33.34	JACKIE MARR	USA	38.77	BONNIE PRONK	CAN	1:23.68	HISAKO SATO	JPN
200 M.	I.M.		22:59.19	BONNIE PRONK	CAN	40.24	LYNNE LUND	USA	1:24.52	ANN GRANTHAM	GBR
3:02.06	JULIE CRAYFORD	GBR	23:51.07	SARAH KOPSKY	USA	40.69	DIANE FORD	GBR	1:24.71	TAYO FUJIEDA	JPN
3:03.93	MARGIT OHLSSON	SWE	23:56.60	JANE KATZ	USA	40.81	RENATE ZSCHOCKELT	GER	200 M.	FREE	
3:04.11	YVONNE LEONOV	ISR	24:18.68	KAZUKO ITO	JPN	41.08	SUSAN MEYERS	USA	2:42.75	YOSHIKO OSAKI	JPN
3:06.18	SUSANA BARKLEY	ESP	24:34.44	M.DI-CESARE	NZL	100 M.	FLY		2:52.81	PAM HUTCHINGS	AUS
3:11.32	MICHIKO MOTEGI	JPN	25:01.86	LYNNE LUND	USA	1:28.78	BONNIE PRONK	CAN	2:56.54	V.JOHANSSON	SWE
3:11.44	RITSUKO KUROSAWA	JPN	25:05.37	ANN URQUHART	CAN	1:31.65	JACKIE MARR	USA	2:57.48	HELGA REICH	GER
3:12.21	LYNNE TANNER	GBR	25:41.92	JUDITH VAN BERKEL	NED	1:38.94	LYNNE LUND	USA	2:58.41	LINDA MACPHERSON	CAN
3:13.83	GINGER PIERSON	USA	25:57.67	YURI OIKAWA	JPN	1:39.03	JOY WARD	USA	2:59.00	SUSAN MUNN	USA
3:15.15	MARCIA BARRY	USA	50 M.	BACK		1:39.61	YOKO UOZU	JPN	3:01.38	REIKO ISHIZAKI	JPN
3:17.64	KEIKO UESUGI	JPN	36.99	SILVANA ABREU	BRA	1:40.79	M.HELENA PADILLA	BRA	3:03.94	MIDGE KRAETZER	USA
400 M.	I.M.		38.03	HIROMI SATO	JPN	1:42.77	REIKO NAGASAKU	JPN	3:04.94	ANN GRANTHAM	GBR
6:17.37	JULIE CRAYFORD	GBR	39.67	BONNIE PRONK	CAN	1:43.92	GEORGINA HAMILTON	GBR	3:06.71	BETSY JORDAN	USA
6:46.11	RITSUKO KUROSAWA	JPN	40.46	MA ROSARIO NIETO	MEX	1:44.51	M.TUCCI	ITA	400 M.	FREE	
6:47.81	KATHY SLIFER	USA	40.50	CHRISTEL SCHULZ	GER	1:44.65	AKEMI NISHII	JPN	5:46.94	YOSHIKO OSAKI	JPN
6:52.46	KATHRINE CASEY	USA	40.65	UTE LANGE	GER	200 M.	FLY		6:11.45	HELGA REICH	GER
6:52.85	LYNNE TANNER	GBR	40.90	RENATE ZSCHOCKELT	GER	3:24.49	BONNIE PRONK	CAN	6:12.35	V.JOHANSSON	SWE
6:56.23	MARY POHLMANN	USA	41.15	JACKIE MARR	USA	3:32.66	JACKIE MARR	USA	6:14.18	LINDA MACPHERSON	CAN
6:56.33	GINGER PIERSON	USA	41.69	JOY WARD	USA	3:39.87	LYNNE LUND	USA	6:18.16	SUSAN MUNN	USA

World Masters Top 10
SCM (25 M)

6:22.38	PAM HUTCHINGS	AUS	3:27.54	MASAYO AZUMA	JPN	40.00	MITSUKO KOMURO	JPN	1:51.46	WALTRAUD KOMLING	GER
6:27.39	MARGA SCHULZE	GER	3:32.70	TAYO FUJIEDA	JPN	40.72	NANETTE BOHL	USA	1:51.83	TAKAKO SATO	JPN
6:30.20	BETSY JORDAN	USA	3:38.15	KEIKO YAMADA	JPN	41.06	MICHIKO OKUMURA	JPN	1:51.84	BARBARA MORTON	GBR
6:31.20	BARBARA FENTIMAN	GBR	3:39.97	HIROKO OTANI	JPN	41.09	JUDIE OLIVER	CAN	200 M.	BACK	
6:35.69	HISAKO SATO	JPN	3:43.49	GABRIELLA TUCCI	ITA	41.19	MASAE KURATA	JPN	3:37.28	MARLENE MENDES	BRA
	800 M. FREE		3:45.54	BRENDA HALLARD	GBR	41.40	KEIKO FUJIMOTO	JPN	3:50.35	NANCY KINNEY	USA
11:49.70	YOSHIKO OSAKI	JPN	3:48.88	SALLY NEWELL	USA	41.51	PAT NIBLETT	CAN	3:51.25	KIMIKO OOKA	JPN
12:42.01	HELGA REICH	GER	3:50.18	FELICITY HAGUE	GBR	41.69	SACHIKO NAKANISHI	JPN	4:02.96	BARBARA MORTON	GBR
12:49.22	LINDA MACPHERSON	CAN	3:50.35	LINDSAY LANT	GBR	100 M.	FREE		4:03.92	TAKAKO SATO	JPN
12:51.30	V. JOHANSSON	SWE	3:50.42	ANNEMARIE LUDICKE	GER	1:16.80	JANE ASHER	GBR	4:06.82	ERIKA WUNSCH	GER
13:14.89	BETSY JORDAN	USA	50 M.	FLY		1:29.25	JUDIE OLIVER	CAN	4:07.27	ANN HIRSCH	USA
13:17.13	REIKO ISHIZAKI	JPN	36.79	YOSHIKO OSAKI	JPN	1:30.16	MITSUKO KOMURO	JPN	4:07.88	LORNA HARDING	GBR
13:18.68	MARGA SCHULZE	GER	38.72	HARUMI SUGIMOTO	JPN	1:32.46	KII SAITO	JPN	4:08.77	ROSAURA HERNANDEZ	MEX
13:42.30	BARBARA FENTIMAN	GBR	39.66	HISAKO KITAYAMA	JPN	1:32.74	YASUKO GOTO	JPN	4:09.16	SYLVIA EISELE	USA
14:00.00	ANN GRANTHAM	GBR	40.31	HISAKO SATO	JPN	1:33.40	PAT NIBLETT	CAN	50 M.	BRST	
14:19.47	ADRIENNE PIPES	USA	41.71	HELGA REICH	GER	1:33.93	MICHIKO OKUMURA	JPN	49.36	ANN HIRSCH	USA
	1500 M. FREE		42.24	BETSY JORDAN	USA	1:35.87	MITSUKO KURUSHIMA	JPN	49.67	MYRNA TAYLOR	GBR
24:31.69	SUSAN MUNN	USA	42.30	MARCELA STASTNA	CZE	1:35.97	LIDA GASCHKE	USA	49.81	SYLVIA EISELE	USA
25:07.47	BARBARA FENTIMAN	GBR	43.27	MIDGE KRAETZER	USA	1:36.95	DOROTHY DICKEY	AUS	50.26	TOSHIO WADA	JPN
25:07.55	REIKO ISHIZAKI	JPN	43.43	LINDA MACPHERSON	CAN	200 M.	FREE		50.26	L. MOTSCHIEDLER	GER
25:26.96	BETSY JORDAN	USA	44.10	K. TATSUKOSHI	JPN	2:49.28	JANE ASHER	GBR	50.79	LILLY KRON	USA
25:46.15	HISAKO SATO	JPN	100 M.	FLY		3:22.12	JUDIE OLIVER	CAN	51.56	NORMA POWELL	CAN
25:54.30	ADRIENNE PIPES	USA	1:25.28	YOSHIKO OSAKI	JPN	3:23.29	MICHIKO OKUMURA	JPN	51.81	JUDIE OLIVER	CAN
26:08.79	L. VAN DER MEER	NED	1:32.99	HELGA REICH	GER	3:24.07	YASUKO GOTO	JPN	51.92	CAROL TAYLOR	USA
27:20.50	TERUKO MURAKAMI	JPN	1:38.02	MIDGE KRAETZER	USA	3:24.32	MARLENE MENDES	BRA	52.48	MASAE KURATA	JPN
27:21.53	BARBARA ZAREMSKI	USA	1:39.91	HISAKO SATO	JPN	3:24.84	ANN HIRSCH	USA	100 M.	BRST	
27:36.38	JENNY BALL	GBR	1:40.69	SUSAN MUNN	USA	3:26.00	PAT NIBLETT	CAN	1:46.00	ANN HIRSCH	USA
	50 M. BACK		1:41.88	MARCELA STASTNA	CZE	3:27.34	MIEKO MATSUKAWA	JPN	1:50.16	JUDIE OLIVER	CAN
39.57	PAM HUTCHINGS	AUS	1:42.22	BETSY JORDAN	USA	3:28.41	DOROTHY DICKEY	AUS	1:51.55	L. MOTSCHIEDLER	GER
40.11	BETSY JORDAN	USA	1:43.49	GABRIELLA TUCCI	ITA	3:30.08	YOSHI OGATA	JPN	1:51.58	NORMA POWELL	CAN
41.89	SHOKO YONEZAWA	JPN	1:44.17	B. HJALMARSSON	SWE	400 M.	FREE		1:52.90	SYLVIA EISELE	CAN
42.75	V. JOHANSSON	SWE	1:47.54	JUTTA SEIDL	GER	6:00.34	JANE ASHER	GBR	1:54.80	SETSUKO OKUBO	JPN
43.35	KEIKO YAMADA	JPN	200 M.	FLY		7:03.60	JUDIE OLIVER	CAN	1:56.88	CAROL TAYLOR	USA
44.14	MAE WALDIE	CAN	3:17.36	YOSHIKO OSAKI	JPN	7:07.01	ANN HIRSCH	USA	1:57.51	NORIKO KIMURA	JPN
44.20	INGRID LANGE	GER	3:46.82	MIDGE KRAETZER	USA	7:11.97	MICHIKO OKUMURA	JPN	1:59.90	TOSHIE YOSHIDA	JPN
44.29	TSUNEO YONEKURA	JPN	3:51.10	BETSY JORDAN	USA	7:12.51	YASUKO GOTO	JPN	2:00.70	JARMILA REBICKOVA	CZE
44.35	HARUMI SUGIMOTO	JPN	3:57.33	HISAKO SATO	JPN	7:18.31	MARLENE MENDES	BRA	200 M.	BRST	
44.49	MARCELA STASTNA	CZE	3:59.69	RITA ANDROSONI	ITA	7:21.02	CAROLYN LEWIS	USA	3:49.79	ANN HIRSCH	USA
	100 M. BACK		4:02.07	ENEDINA PEREIRA	BRA	7:21.70	LIDA GASCHKE	CAN	4:08.85	LILLY KRON	USA
1:28.93	PAM HUTCHINGS	AUS	4:10.38	MASUNO MASUDA	JPN	7:23.17	NANETTE BOHL	USA	4:10.26	SYLVIA EISELE	CAN
1:31.68	V. JOHANSSON	SWE	4:22.73	PATRICIA TULLMAN	USA	7:24.66	PAT NIBLETT	CAN	4:10.41	SETSUKO OKUBO	JPN
1:33.54	BETSY JORDAN	USA	4:23.27	TEIKO KUBOTA	JPN	800 M.	FREE		4:12.60	NORIKO KIMURA	JPN
1:35.54	KEIKO YAMADA	JPN	4:23.62	CHIKAKO YOSHIDA	JPN	12:34.75	JANE ASHER	GBR	4:16.28	TOSHIE YOSHIDA	JPN
1:37.09	SHOKO YONEZAWA	JPN	100 M.	I. M.		14:33.93	MICHIKO OKUMURA	JPN	4:19.66	MIEKO WAKABAYASHI	JPN
1:37.14	HARUMI SUGIMOTO	JPN	1:27.45	YOSHIKO OSAKI	JPN	14:43.16	ANN HIRSCH	USA	4:21.34	CAROL TAYLOR	USA
1:38.75	BRENDA WALKER	GBR	1:30.38	KEIKO YAMADA	JPN	15:06.02	PAT NIBLETT	CAN	4:25.31	A. MARIE JOLIVARD	FRA
1:39.22	INGRID LANGE	GER	1:31.75	SHOKO YONEZAWA	JPN	15:09.38	DOROTHY DICKEY	AUS	4:27.79	JULIA GULYAS	CAN
1:39.47	ALICE KINNAIRD	AUS	1:34.41	HELGA REICH	GER	15:27.07	YOSHIKO KINOSHITA	JPN	50 M.	FLY	
1:39.50	EVA JAROSOVA	CZE	1:35.08	BETSY JORDAN	USA	15:32.54	JOAN CAMPBELL	USA	39.94	JANE ASHER	GBR
	200 M. BACK		1:36.00	KUMIE TOKUDA	JPN	15:34.15	ROSAURA HERNANDEZ	MEX	44.11	JUDIE OLIVER	CAN
3:18.55	PAM HUTCHINGS	AUS	1:38.01	SUSAN MUNN	USA	15:36.83	CHIYO FUKUSHIMA	JPN	46.66	HIROKO KATANO	JPN
3:21.44	BETSY JORDAN	USA	1:38.10	MARCELA STASTNA	CZE	15:46.55	FRANCES MCINTOSH	CAN	47.97	BARBARA CALLISON	USA
3:26.55	HARUMI SUGIMOTO	JPN	1:39.48	TAKEKO MUROMOTO	JPN	1500 M.	FREE		48.36	NORMA POWELL	CAN
3:27.85	BRENDA WALKER	GBR	1:39.77	LINDA MACPHERSON	CAN	24:00.81	JANE ASHER	GBR	49.65	HIROKO TAKANO	JPN
3:31.44	KEIKO YAMADA	JPN	200 M.	I. M.		27:56.91	MICHIKO OKUMURA	JPN	49.78	BOBBIE LEA	AUS
3:32.30	SUSAN LIVINGSTON	USA	3:08.54	YOSHIKO OSAKI	JPN	29:04.55	JOAN CAMPBELL	USA	50.69	ANN HIRSCH	USA
3:32.52	MARGA SCHULZE	GER	3:25.55	HELGA REICH	GER	29:06.07	YOSHIKO KINOSHITA	JPN	50.70	ELVERA VICKERY	AUS
3:35.72	EVA JAROSOVA	CZE	3:28.76	TAYO FUJIEDA	JPN	29:19.87	PAT NIBLETT	CAN	51.05	TOSHIKO WADA	JPN
3:36.77	SALLY NEWELL	USA	3:30.35	BETSY JORDAN	USA	29:27.96	CHIYO FUKUSHIMA	JPN	100 M.	FLY	
3:38.07	GISELA SCHEFFLER	GER	3:33.42	KEIKO YAMADA	JPN	29:43.77	AGNES PORASZ	CAN	1:46.02	JANE ASHER	GBR
	50 M. BRST		3:35.29	GABRIELLA TUCCI	ITA	29:44.16	FRANCES MCINTOSH	CAN	1:54.05	KII SAITO	JPN
43.30	SHOKO YONEZAWA	JPN	3:36.52	MASAYO AZUMA	JPN	30:24.92	AIKO GOTO	JPN	1:54.56	ANN HIRSCH	USA
44.13	YOSHIKO OSAKI	JPN	3:37.61	SUSAN MUNN	USA	30:41.17	LOTTE MULLER	GER	1:56.76	HIROKO KATANO	JPN
45.29	MASAYO AZUMA	JPN	3:39.46	BRENDA HALLARD	GBR	50 M.	BACK		1:59.64	SYLVIA EISELE	USA
45.60	MARCELA STASTNA	CZE	3:39.57	JUTTA SEIDL	GER	44.82	JANE ASHER	GBR	2:04.44	BOBBIE LEA	AUS
45.81	GABRIELLA TUCCI	ITA	400 M.	I. M.		47.00	KIMIKO OOKA	JPN	2:06.08	CHIYO FUKUSHIMA	JPN
45.84	OLGA KREJCI	SUI	6:34.95	YOSHIKO OSAKI	JPN	47.62	KAZUKO KABASAWA	JPN	2:13.63	ELVERA VICKERY	AUS
46.26	MIYUKI SAKASHITA	JPN	7:12.40	HELGA REICH	GER	47.84	MARLENE MENDES	BRA	2:17.86	JULIA GULYAS	CAN
46.51	KUMIE TOKUDA	JPN	7:33.31	BETSY JORDAN	USA	48.59	JUDIE OLIVER	CAN	2:18.77	ELAINE NICOLSON	CAN
46.63	TAYO FUJIEDA	JPN	7:48.09	JUTTA SEIDL	GER	49.19	TAKAKO SATO	JPN	200 M.	FLY	
47.04	SALLY NEWELL	USA	7:48.18	TAYO FUJIEDA	JPN	49.87	KEIKO FUJIMOTO	JPN	4:13.91	ANN HIRSCH	USA
	100 M. BRST		8:09.01	TERUKO MURAKAMI	JPN	50.00	TAMIKO NAGAI	JPN	4:14.44	KII SAITO	JPN
1:36.05	MASAYO AZUMA	JPN	8:13.12	MITSUKO ENDO	JPN	50.21	WALTRAUD KOMLING	GER	4:29.13	SYLVIA EISELE	USA
1:36.57	YOSHIKO OSAKI	JPN	8:13.84	BARBARA ZAREMSKI	USA	50.30	BARBARA MORTON	GBR	4:34.59	HIROKO KATANO	JPN
1:37.59	TAYO FUJIEDA	JPN	8:18.66	TOMIE SHIOMOTO	JPN	50.30	CAROLYN LEWIS	CAN	4:37.39	BOBBIE LEA	AUS
1:38.20	SHOKO YONEZAWA	JPN	8:29.69	HIROKO OGOSHI	JPN	100 M.	BACK		4:52.03	CHIYO FUKUSHIMA	JPN
1:39.53	KEIKO YAMADA	JPN				1:43.18	MARLENE MENDES	BRA	5:11.61	JOAN CAMPBELL	USA
1:40.58	KUMIE TOKUDA	JPN	*****			1:44.13	JUDIE OLIVER	CAN	5:15.07	NANCY DURSTEIN	USA
1:42.61	GABRIELLA TUCCI	ITA		WOMEN 70-74		1:46.35	KIMIKO OOKA	JPN	5:15.74	YOKO UCHIDA	JPN
1:42.87	SALLY NEWELL	USA	*****			1:47.04	JANE ASHER	GBR	5:25.14	HARUKO SASAKI	JPN
1:43.10	MARCELA STASTNA	CZE	50 M.	FREE		1:50.95	NANCY KINNEY	USA	100 M.	I. M.	
1:43.49	MIYUKI SAKASHITA	JPN	34.84	JANE ASHER	GBR	1:51.18	AIKO GOTO	JPN	1:33.49	JANE ASHER	GBR
	200 M. BRST		39.47	KIMIKO YOSHINAGA	JPN	1:51.22	ERIKA WUNSCH	GER	1:42.88	JUDIE OLIVER	CAN

World Masters Top 10 SCM (25 M)

1:43.88	NORMA POWELL	CAN	16:33.27	JUNE KRAUSER	USA	50	M.	FLY	1:50.57	SUGAKO KUWAYAMA	JPN	
1:46.08	ANN HIRSCH	USA	17:17.53	LOIS KIVI NOCHMAN	USA	49.61		EDITH BOHM	GER	1:53.01	BUNNY CEDERLUND	USA
1:49.26	NANCY KINNEY	USA	17:30.38	EDNA GORDON	USA	52.75		JEAN TROY	USA	1:53.80	CANDIDA GANDOLPHO	BRA
1:49.50	MICHIKO OKUMURA	JPN	18:09.98	NANCY REED	USA	53.66		EDIE GRUENDER	USA	1:56.22	GRE SCHONBERGER	NED
1:51.17	HIROKO TAKANO	JPN	18:30.90	PEGGY SANBORN	USA	54.07		CHIE TANI	JPN	1:58.34	BILLIE BURRILL	USA
1:51.88	BARBARA CALLISON	USA	18:39.32	NOBUKO NAKAJIMA	JPN	55.34		JUNE KRAUSER	USA	1:59.07	MAURINE KORNFELD	USA
1:53.58	SACHIKO NAKANISHI	JPN	1500 M.	FREE		55.84		AKIKO ONOHARA	JPN	2:01.54	DIANA SILVA	USA
1:54.52	LIDA GASCHKE	USA	29:13.50	BETTY RUSS	USA	56.63		CHIZU NAKASHIMA	JPN	2:01.77	JEANNE MERRYMAN	USA
	200 M.	I.M.	32:42.24	LOIS KIVI NOCHMAN	USA	57.60		LOIS NOCHMAN	USA	200 M.	FREE	
3:50.49	ANN HIRSCH	USA	33:23.17	NAN BLACKLEDGE	USA	59.28		FLORENCE CARR	USA	3:45.44	MARGERY MEYER	USA
3:53.24	NORMA POWELL	CAN	34:58.00	NANCY REED	USA	1:01.38		KATHLEEN GRIMMER	GBR	3:58.49	OLGA JOHNSON	NZL
3:59.92	MICHIKO OKUMURA	JPN	35:24.03	PEGGY SANBORN	USA	100 M.		FLY		4:01.63	CANDIDA GANDOLPHO	BRA
4:07.04	BARBARA CALLISON	USA	35:32.05	FLORENCE CARR	USA	2:02.03		JEAN TROY	USA	4:18.76	BUNNY CEDERLUND	USA
4:07.60	NANCY KINNEY	USA	37:21.39	TOSHIKO AMANO	JPN	2:03.77		CHIE TANI	JPN	4:22.10	FUMI MURATA	JPN
4:12.02	ELVERA VICKERY	AUS	37:45.07	CLARA SOTAK	USA	2:06.59		JUNE KRAUSER	USA	4:24.02	BILLIE BURRILL	USA
4:12.80	YOSHIKO ITO	JPN	38:01.84	ALBA CAFFARENA	ITA	2:09.61		BETTY RUSS	USA	4:26.56	GRE SCHONBERGER	NED
4:13.47	KEIKO FUJIMOTO	JPN	39:26.56	KALIS RASMUSSEN	CAN	2:10.10		LOIS NOCHMAN	USA	4:30.57	LOUISE BOWERSOCK	USA
4:13.47	JULIA GULYAS	CAN	50 M.	BACK		2:17.12		EDIE GRUENDER	USA	4:34.09	JOYCE O'FARRELL	AUS
4:16.73	TOSHIE YOSHIDA	JPN	46.27	JOAN PARNELL	CAN	2:31.59		MARIANNA HAGAN	USA	4:45.07	TERU USHIKI	JPN
	400 M.	I.M.	48.19	BETTY LORENZI	USA	2:34.23		NORA RONAI	BRA	400 M.	FREE	
8:05.59	ANN HIRSCH	USA	48.35	EDITH BOHM	GER	2:37.33		FLORENCE CARR	USA	7:49.65	MARGERY MEYER	USA
8:45.74	SYLVIA EISELE	USA	50.80	RUZENA VYMAZALOVA	CZE	2:50.45		GLADYS OLSEN	USA	8:15.53	OLGA JOHNSON	NZL
8:56.03	NANCY KINNEY	USA	51.08	BRITT GRILLI	SWE	200 M.		FLY		8:30.26	CANDIDA GANDOLPHO	BRA
9:12.31	ELAINE NICHOLSON	CAN	52.09	MITSUKO KURASHIGE	JPN	4:32.02		LOIS NOCHMAN	USA	8:40.32	MAURINE KORNFELD	USA
9:27.09	NANCY DURSTEIN	USA	53.62	KAZUKO TAGUCHI	JPN	4:44.39		BETTY RUSS	USA	8:47.77	FUMI MURATA	JPN
9:27.17	TOSHIE YOSHIDA	JPN	54.17	SUSAN HALTER	GBR	4:51.02		JUNE KRAUSER	USA	8:56.30	BUNNY CEDERLUND	USA
9:31.43	JOAN CAMPBELL	USA	54.21	ERIKA LANGE	GER	5:04.10		EDIE GRUENDER	USA	9:28.75	LOUISE BOWERSOCK	USA
9:45.93	CHIYO FUKUSHIMA	JPN	55.39	TALETTA NAUBER	GER	5:23.01		MARIANNA HAGAN	USA	9:30.92	GRE SCHONBERGER	NED
10:39.09	YOSHIKO KAMO	JPN	100 M.	BACK		6:00.61		GLADYS OLSEN	USA	10:06.67	SIMONE BENOIT	FRA
12:55.44	MARIA HELENA RUIZ	BRA	1:43.73	JOAN PARNELL	CAN	7:00.96		MARIAN WOLLE	USA	10:13.77	MARY MCGLAUGHLIN	CAN
			1:44.17	BETTY LORENZI	USA	7:56.34		ROSA MA SEGURA	MEX	800 M.	FREE	
*****			1:46.15	KERSTIN GJORES	SWE	9:15.62		GLORIA STUPFEL	USA	19:57.81	LOUISE BOWERSOCK	USA
	WOMEN 75-79		1:54.78	ERIKA LANGE	GER	100 M.		I.M.		20:42.28	SIMONE BENOIT	FRA
*****			1:57.70	RUZENA VYMAZALOVA	CZE	1:49.91		JOAN PARNELL	CAN	21:23.79	CHIYOKO TAKIZAWA	JPN
50	M.	FREE	1:58.50	KAZUKO TAGUCHI	JPN	1:52.13		JEAN TROY	USA	21:37.59	MARY MCGLAUGHLIN	CAN
39.76	JEAN TROY	USA	1:58.97	OLIVE HALE	GBR	1:52.20		EDITH BOHM	GER	22:01.31	MARJORIE NEWMAN	USA
39.92	BRITT GRILLI	SWE	1:59.27	JOAN KIDD	GBR	1:57.03		JUNE KRAUSER	USA	24:06.64	JOAQUINA VALLS	ESP
41.15	FLORENCE CARR	USA	2:02.79	EVA-BRITT WIDAH	SWE	1:58.54		CHIE TANI	JPN	26:43.91	MARION CHADWICK	USA
41.23	BETTY RUSS	USA	2:03.65	JUNE KRAUSER	USA	1:59.45		ERIKA LANGE	GER	1500 M.	FREE	
41.85	JOAN PARNELL	CAN	200 M.	BACK		2:01.15		FLORENCE CARR	USA	36:03.77	LOUISE BOWERSOCK	USA
42.03	MIEKO KAMOSHITA	JPN	3:40.06	BETTY LORENZI	USA	2:02.01		NORIKO NISHIKAWA	JPN	36:58.10	BUNNY CEDERLUND	USA
42.35	FUMIKO HIROOKA	JPN	3:46.88	JOAN PARNELL	CAN	2:03.05		DORIS MCEWAN	CAN	40:34.08	CHIYOKO TAKIZAWA	JPN
42.72	EIKO MORI	JPN	4:08.48	ERIKA LANGE	GER	2:05.36		CHIYOKO OKURA	JPN	42:09.21	MARJORIE NEWMAN	USA
44.41	CHISE IBE	JPN	4:17.08	JOAN KIDD	GBR	200 M.		I.M.		50 M.	BACK	
45.20	TOMIKO MAKITA	JPN	4:18.25	JUNE KRAUSER	USA	4:06.93		JEAN TROY	USA	53.97	BUNNY CEDERLUND	USA
	100 M.	FREE	4:22.62	KAZUKO TAGUCHI	JPN	4:15.49		JUNE KRAUSER	USA	54.53	MARGERY MEYER	USA
1:31.14	BRITT GRILLI	SWE	4:31.94	NAN BLACKLEDGE	USA	4:17.82		ERIKA LANGE	GER	54.61	SILVIA CRAVERI	ITA
1:32.29	JEAN TROY	USA	4:34.50	PEGGY SANBORN	USA	4:17.96		EDIE GRUENDER	USA	55.66	JEANNE MERRYMAN	USA
1:35.64	BETTY RUSS	USA	4:37.97	MARIANNA HAGAN	USA	4:18.00		CHIE TANI	JPN	57.00	IRENE ATHANS	CAN
1:36.05	BETTY LORENZI	USA	4:39.70	CORRIE DEGROOT	AUS	4:39.64		LOIS KIVI NOCHMAN	USA	58.86	DOROTHY WILLIAMS	GBR
1:37.42	JOAN PARNELL	CAN	50 M.	BRST		4:39.84		G.SCHOBEL-GRASS	GER	59.77	OLGA JOHNSON	NZL
1:38.73	FUMIKO HIROOKA	JPN	47.15	EDITH BOHM	GER	4:42.21		ELSA DE LEEUW	CAN	1:00.78	DIANA SILVA	USA
1:38.83	CHIE TANI	JPN	51.69	JOAN PARNELL	CAN	4:52.32		FLORENCE CARR	USA	1:01.72	ILSE ROCHOWIAK	GER
1:40.11	JUNE KRAUSER	USA	53.30	ERIKA LANGE	GER	5:06.98		EDNA DILWORTH	GBR	1:02.15	PERSIS RAE	AUS
1:40.47	EDIE GRUENDER	USA	53.95	TERUKO ONO	JPN	400 M.		I.M.		100 M.	BACK	
1:42.15	FLORENCE CARR	USA	54.31	SAYOKO WATANABE	JPN	8:38.92		JEAN TROY	USA	1:59.21	BUNNY CEDERLUND	USA
	200 M.	FREE	55.43	HERTA SOMMERMEIER	GER	8:43.82		JUNE KRAUSER	USA	2:02.47	SILVIA CRAVERI	ITA
3:20.16	JEAN TROY	USA	55.88	JOAN KIDD	GBR	8:48.88		BETTY RUSS	USA	2:03.10	IRENE ATHANS	CAN
3:24.60	BRITT GRILLI	SWE	55.94	EIKO MORI	JPN	9:34.73		LOIS NOCHMAN	USA	2:05.10	DOROTHY WILLIAMS	GBR
3:33.08	BETTY RUSS	USA	57.16	YOKO KOBAYASHI	JPN	10:26.76		MARGARET WELLS	USA	2:10.45	JEANNE MERRYMAN	USA
3:35.03	EDIE GRUENDER	USA	57.71	TAKAKO NAGATA	JPN	11:14.08		GLADYS OLSEN	USA	2:17.12	DIANA SILVA	USA
3:35.53	FUMIKO HIROOKA	JPN	100 M.	BRST		12:42.04		MARIAN WOLLE	USA	2:17.37	GRE SCHONBERGER	NED
3:36.56	LIZ WALLIS	AUS	1:51.99	EDITH BOHM	GER	12:43.35		ANNE WHATHAM	GBR	2:18.04	HIDEKO HANADA	JPN
3:37.68	JOAN PARNELL	CAN	2:00.63	ERIKA LANGE	GER	13:02.46		ROSA MA SEGURA	MEX	2:21.65	ANNIE STOKER	NED
3:40.00	CHIE TANI	JPN	2:01.47	SAYOKO WATANABE	JPN	13:57.05		GLORIA STUPFEL	USA	2:22.82	TOMOE TOYOKAWA	JPN
3:40.63	NORIKO NISHIKAWA	JPN	2:02.29	EIKO MORI	JPN	*****		*****		200 M.	BACK	
3:42.91	JUNE KRAUSER	USA	2:04.76	JOAN PARNELL	CAN	*****		*****		4:14.53	MARGERY MEYER	USA
	400 M.	FREE	2:04.98	JOAN KIDD	GBR	*****		*****		4:21.27	SILVIA CRAVERI	ITA
6:56.36	JEAN TROY	USA	2:11.03	BARBARA VICKERS	AUS	*****		*****		4:23.30	BUNNY CEDERLUND	USA
7:06.75	BRITT GRILLI	SWE	2:11.08	JEAN TROY	USA	50	M.	FREE		4:31.56	IRENE ATHANS	CAN
7:20.56	BETTY RUSS	USA	2:11.45	NOBUKO NAKAJIMA	JPN	43.39		OLGA JOHNSON	NZL	4:31.69	DOROTHY WILLIAMS	GBR
7:29.25	FUMIKO HIROOKA	JPN	2:12.46	JUSTINE BAMFORD	AUS	45.20		MARGERY MEYER	USA	4:52.37	MAURINE KORNFELD	USA
7:35.40	JOAN PARNELL	CAN	200 M.	BRST		48.16		SHIZUE TOYAMA	JPN	4:53.46	JEANNE MERRYMAN	USA
7:39.63	EDIE GRUENDER	USA	4:14.86	ERIKA LANGE	GER	48.56		MASAE SHIMURA	JPN	4:54.62	DIANA SILVA	USA
7:51.17	JUNE KRAUSER	USA	4:19.02	EIKO MORI	JPN	48.69		SUGAKO KUWAYAMA	JPN	4:55.03	GRE SCHONBERGER	NED
8:07.85	EVA-BRITT WIDAH	SWE	4:28.78	KATHLEEN GRIMMER	GBR	48.77		JEANNE MERRYMAN	USA	4:57.26	HIDEKO HANADA	JPN
8:09.37	ELSA DE LEEUW	CAN	4:29.02	SAYOKO WATANABE	JPN	48.93		FUSAKO YAMANAKA	JPN	50 M.	BRST	
8:09.78	CHIE TANI	JPN	4:29.68	JOAN KIDD	GBR	49.00		MASAKO MUKAO	JPN	50.48	SATOKO SUZUKI	JPN
	800 M.	FREE	4:36.22	FUMIKO HIROOKA	JPN	49.83		BUNNY CEDERLUND	USA	57.12	MICHELE GUILLAIS	FRA
14:18.97	JEAN TROY	USA	4:36.81	JUNE KRAUSER	USA	50.59		DOROTHY WILLIAMS	GBR	1:00.75	INGEBORG FRITZE	GER
14:30.66	BRITT GRILLI	SWE	4:40.15	BARBARA VICKERS	AUS	100 M.		FREE		1:01.64	DOROTHY WILLIAMS	GBR
15:21.09	BETTY RUSS	USA	4:42.22	JUSTINE BAMFORD	AUS	1:43.82		MARGERY MEYER	USA	1:02.54	MURIEL FLYNN	USA
15:41.31	EDIE GRUENDER	USA	4:42.32	JEAN TROY	USA	1:47.22		OLGA JOHNSON	NZL	1:03.33	IRENE ATHANS	CAN

World Masters Top 10 SCM (25 M)

1:07.02	JAE HOWELL	USA	1:04.92	SONIA CARMONA	FRA	100 M. BRST	23.47	DAVIDE DIAMBRI	ITA		
1:07.13	SIMONE BENOIT	FRA	1:06.25	GERTRUD ZINT	USA	2:55.42 GERTRUD ZINT	23.50	KLAUS HUEZ	ITA		
1:09.24	JUNE REYNOLDS	USA	1:08.16	KIKU ONO	JPN	2:55.46 EDITH GLUSAC	23.61	SHIN SHOJI	JPN		
1:10.14	HIDEKO HANADA	JPN	1:09.09	MARIA LENK	BRA	2:58.48 MARIA LENK	23.65	SIMON DAGNAULT	CAN		
	100 M. BRST			100 M. FREE		3:15.62 ANNELIESE ZOELLER	23.73	AIMO HALLMANN	GER		
1:54.30	SATOKO SUZUKI	JPN	1:49.64	RITA SIMONTON	USA	3:41.13 EMILY GODSALL	23.77	M.MICHAELSEN	GER		
2:09.75	DOROTHY WILLIAMS	GBR	1:57.46	MARJORIE SHARPE	USA	4:19.96 KATH JOHNSTONE	23.87	BRIAN FEHLAU	USA		
2:10.94	MICHELE GUILLAIS	FRA	2:16.18	WILLY VAN RYSEL	GBR	200 M. BRST	23.91	CASPER HUT	NED		
2:19.21	MURIEL FLYNN	USA	2:17.23	FUSAKO TOMINARI	JPN	6:18.17 GERTRUD ZINT	23.91	GREG PLANK	USA		
2:24.47	IRENE ATHANS	CAN	2:29.23	ANNE WALKER	USA	7:01.22 EDITH GLUSAC	100 M. FREE				
2:26.53	SUMIKO YANAGISAWA	JPN	2:41.43	KIKU ONO	JPN	7:04.36 ANNELIESE ZOELLER	49.58	ANDREW MANLEY	GBR		
2:31.93	MICHIKO HAMURO	JPN	2:43.21	KATH JOHNSTONE	NZL	8:15.99 EMILY GODSALL	50.60	KLAUS HUEZ	ITA		
2:33.28	NAKA FUKUOKA	JPN	2:45.40	D.ADAMS	CAN	50 M. FLY	51.23	PAULO HORMOS	BRA		
2:34.34	ANNELIESE POKER	GER	2:46.61	BETH HANKS	USA	1:29.04 EDITH GLUSAC	52.42	CASPER HUT	NED		
2:36.01	JUNE REYNOLDS	USA	3:13.70	MASAKO MATSUNO	JPN	1:48.54 GERTRUD ZINT	52.45	SIMON DAGNAULT	CAN		
	200 M. BRST			200 M. FREE		1:57.03 PAT MATTHIENEN	52.74	GREG PLANK	USA		
4:38.57	DOROTHY WILLIAMS	GBR	3:57.48	RITA SIMONTON	USA	100 M. FLY	52.79	SCOTT CANTLEY	NZL		
5:00.58	MICHELE GUILLAIS	FRA	4:16.84	MARJORIE SHARPE	USA	3:22.29 EDITH GLUSAC	52.80	DAVIDE DIAMBRI	ITA		
5:02.96	MURIEL FLYNN	USA	4:52.35	WILLY VAN RYSEL	GBR	100 M. I.M.	52.80	M.MICHAELSEN	GER		
5:03.40	SUMIKO YANAGISAWA	JPN	5:15.02	MARIA LENK	BRA	2:21.11 RITA SIMONTON	52.92	HIDEO TAKEUCHI	JPN		
5:22.62	JAE HOWELL	USA	5:18.09	YOSHIKO WATANABE	JPN	2:51.80 EDITH GLUSAC	200 M. FREE				
5:33.39	NAKA FUKUOKA	JPN	5:18.53	KIKU ONO	JPN	2:57.18 GERTRUD ZINT	1:49.94	ANDREW MANLEY	GBR		
5:39.56	MICHIKO HAMURO	JPN	5:51.78	KATH JOHNSTONE	NZL	200 M. I.M.	1:52.77	KLAUS HUEZ	ITA		
6:05.29	ANNE POTTIER	FRA	5:53.27	SUMI SHIMOI	JPN	6:20.34 GERTRUD ZINT	1:55.67	HIROFUMI NAKAGAWA	JPN		
6:19.53	JUNE REYNOLDS	USA	6:01.00	MARY LATHRAM	USA	6:25.11 EDITH GLUSAC	1:55.95	SCOTT CANTLEY	NZL		
6:44.40	CHARLOTTE SANDDAL	USA	6:19.45	BETH HANKS	USA	400 M. I.M.	1:56.03	A.ANGELOTI	BRA		
	50 M. FLY			400 M. FREE		13:32.12 GERTRUD ZINT	1:56.79	MARCO TOSCA	ITA		
1:11.27	JAE HOWELL	USA	8:17.82	RITA SIMONTON	USA		1:57.05	ANDREA MARCATO	ITA		
1:12.25	FUMI MURATA	JPN	9:02.41	MARJORIE SHARPE	USA	*****	1:57.79	ROSEN MIKAL	SWE		
1:17.29	JEANNE MERRYMAN	USA	10:02.00	WILLY VAN RYSEL	GBR	WOMEN 90-94	1:58.54	MATHEU BARBERO	FRA		
1:20.41	V. HAZELGROVE	AUS	10:44.44	MARIA LENK	BRA	*****	1:58.58	IGNACIO DIEZ	ESP		
1:25.50	HIROKO FUKUDA	JPN	11:53.11	YOSHIKO WATANABE	JPN	50 M. FREE	400 M. FREE				
1:26.59	MAURINE KORNFELD	USA	14:48.59	MASAKO MATSUNO	JPN	1:10.26 DOROTHY WESTON	4:00.64	G.ORPHANIDES	GBR		
1:32.58	CHARLOTTE SANDDAL	USA	800 M. FREE			1:11.29 SHIZUE SHIMIZU	4:03.27	MIKAEL ROSEN	SWE		
1:32.64	MARJORIE NEWMAN	USA	16:49.43	RITA SIMONTON	USA	1:23.90 RINA DAVOGLIO	4:08.82	IVES GARCIA	PUR		
1:33.13	BARBARA BOHM	GER	20:28.81	MARJORIE SHARPE	USA	1:32.12 F DOROTHY RIORDAN	4:09.44	INGMAR BRAKHAHN	GER		
1:39.00	ANNE POTTIER	FRA	21:19.06	WILLY VAN RYSEL	GBR	2:06.78 ROSA SELLARES	4:13.71	KEISUKE KUGA	JPN		
	100 M. FLY		24:47.21	KATH JOHNSTONE	NZL	3:02.36 ELIZABETH DZIADUS	4:14.79	FUMIO AMANO	JPN		
2:41.18	JAE HOWELL	USA	1500 M. FREE			100 M. FREE	4:15.10	ANDREA MARCATO	ITA		
2:43.63	DIANA SILVA	USA	31:44.50	RITA SIMONTON	USA	3:00.08 RINA DAVOGLIO	4:15.38	GREGORY MAZERIS	FRA		
3:00.49	FUMI MURATA	JPN	48:02.60	KATH JOHNSTONE	NZL	3:28.20 F DOROTHY RIORDAN	4:17.76	SHIGEO SHIRAIISHI	JPN		
3:55.30	KIYOMI KITAMURA	JPN	50 M. BACK			4:06.35 BERNARDA ANGULO	4:18.40	SYLVAIN GOULESQUE	FRA		
4:52.58	ELFIE STEVENIN	USA	1:00.51	WILLY VAN RYSEL	GBR	200 M. FREE	800 M. FREE				
	200 M. FLY		1:00.71	FUSAKO TOMINARI	JPN	8:52.37 BERNARDA ANGULO	8:13.81	G.ORPHANIDES	GBR		
5:35.17	JAE HOWELL	USA	1:03.77	MARJORIE SHARPE	USA	9:07.51 MADELEINE MILLER	8:35.37	A.ANGELOTI	BRA		
6:04.35	JUNE REYNOLDS	USA	1:08.52	EDITH GLUSAC	USA	50 M. BACK	8:45.23	FUMIO AMANO	JPN		
11:03.48	ELFIE STEVENIN	USA	1:10.24	ANNE WALKER	USA	1:25.30 RINA DAVOGLIO	8:59.82	TAKEISHI AKUNE	JPN		
	100 M. I.M.		1:11.82	YOSHIKO WATANABE	JPN	1:25.62 EDITH HENDRY	9:05.15	DIRK JANSSEN	GER		
2:02.01	MARGERY MEYER	USA	1:14.00	SUMIKO KOIZUMI	JPN	1:31.82 DOROTHY WESTON	9:07.00	ANDRES PERALES	ESP		
2:20.52	SUMIKO YANAGISAWA	JPN	1:16.43	MARY LATHRAM	USA	1:39.20 SHIZUE SHIMIZU	9:07.05	IGNACIO DIEZ	ESP		
2:23.14	FUMI MURATA	JPN	1:22.37	EMILY GODSALL	GBR	1:46.18 MADELEINE MILLER	9:14.58	BRIAN FURLONG	USA		
2:23.26	JAE HOWELL	USA	1:23.00	SONIA CARMONA	FRA	2:02.63 F DOROTHY RIORDAN	9:15.00	BENJAMIN MARTIN	GBR		
2:25.98	MICHIKO HAMURO	JPN	100 M. BACK			2:03.98 ROSA SELLARES	9:15.33	ANDREA MARCATO	ITA		
2:27.21	JEANNE MERRYMAN	USA	2:15.86	WILLY VAN RYSEL	GBR	100 M. BACK	1500 M. FREE				
2:34.31	TOMOE TOYOKAWA	JPN	2:22.21	MARJORIE SHARPE	USA	2:56.37 DOROTHY WESTON	15:29.68	G.ORPHANIDES	GBR		
2:54.26	MARJORIE NEWMAN	USA	2:31.40	EDITH GLUSAC	USA	3:05.49 RINA DAVOGLIO	16:36.12	FUMIO AMANO	JPN		
2:57.39	BARBARA BOHM	GER	2:31.74	ANNE WALKER	USA	3:23.84 EDITH HENDRY	16:50.00	ANDREA MARCATO	ITA		
3:01.00	MARY WIXTED	USA	2:36.03	YOSHIKO WATANABE	JPN	4:35.02 MADELEINE MILLER	17:02.39	IGNACIO DIEZ	ESP		
	200 M. I.M.		2:57.23	EMILY GODSALL	GBR	200 M. BACK	17:15.25	TAKEISHI AKUNE	JPN		
5:08.40	JUNE REYNOLDS	USA	2:57.42	MARY LATHRAM	USA	7:43.30 EDITH HENDRY	17:25.07	ANDRES PERALES	ESP		
5:09.15	JAE HOWELL	USA	2:57.68	BETH HANKS	USA	8:01.49 BERNARDA ANGULO	17:49.00	BENJAMIN MARTIN	GBR		
5:12.34	FUMI MURATA	JPN	3:05.40	KIKU ONO	JPN	50 M. BRST	17:49.82	NICO KOCH	GER		
5:35.06	DIANA SILVA	USA	3:05.75	NELLA GAMENARA	ITA	1:21.91 DOROTHY WESTON	17:54.69	FERDIE WITVOET	NED		
6:23.04	MARJORIE NEWMAN	USA	200 M. BACK			2:24.27 F DOROTHY RIORDAN	17:54.92	JASON LOVELL	USA		
6:35.62	ANNE POTTIER	FRA	4:18.50	EDITH THEIN	ISR	3:35.21 ROSA SELLARES	50 M. BACK				
6:38.54	MARY WIXTED	USA	4:54.16	WILLY VAN RYSEL	GBR	100 M. BRST	26.65	KENTARO NAKAMURA	JPN		
7:05.69	KIYOMI KITAMURA	JPN	5:03.41	MARJORIE SHARPE	USA	3:04.86 DOROTHY WESTON	26.86	RYOTA WASHIZAKI	JPN		
7:23.46	CHARLOTTE SANDDAL	USA	5:29.40	ANNE WALKER	USA	50 M. FLY	27.09	LEONARDO GOMES	BRA		
	400 M. I.M.		5:30.19	EDITH GLUSAC	USA	1:34.61 DOROTHY WESTON	27.14	TAKUMA YAMAOKA	JPN		
10:56.37	JAE HOWELL	USA	6:09.45	MARY LATHRAM	USA	1:36.25 MAXINE MERLINO	27.30	CHRYSYTIAN GAUVIN	CAN		
11:21.09	JUNE REYNOLDS	USA	6:22.13	KIKU ONO	JPN	100 M. FLY	27.34	KARLSSON DANNE	SWE		
18:13.06	ELFIE STEVENIN	USA	7:12.79	MASAKO MATSUNO	JPN	3:21.00 DOROTHY WESTON	27.36	CASPER HUT	NED		
	50 M. BRST			100 M. I.M.		100 M. I.M.	27.39	CHRISTOPHER REEVE	GBR		
*****			1:08.98	FUSAKO TOMINARI	JPN	3:06.08 DOROTHY WESTON	27.44	YOICHI KOBAYASHI	JPN		
	WOMEN 85-89		1:13.68	GERTRUD ZINT	USA	200 M. I.M.	27.55	HIDEAKI OGAWA	JPN		
*****			1:14.11	RITA SIMONTON	USA	6:25.12 MAXINE MERLINO	100 M. BACK				
50 M. FREE			1:14.85	EDITH GLUSAC	USA		56.48	TAKUMA YAMAOKA	JPN		
49.48	HISAKO KOGA	JPN	1:23.15	MARIA LENK	BRA	*****	56.85	JEFF COMMINGS	USA		
49.92	RITA SIMONTON	USA	1:27.53	D.ADAMS	CAN	M E N 25-29	56.93	GREG PLANK	USA		
52.89	MARJORIE SHARPE	USA	1:27.64	KLARA SCHUCHMANN	GER	*****	57.89	SHINYA HAYASHI	JPN		
59.40	TOSHIE KAMIMURA	JPN	1:29.59	HIROKO TSUCHIYA	JPN	50 M. FREE	57.96	RYOTA WASHIZAKI	JPN		
1:03.92	YOSHIKO WATANABE	JPN	1:32.40	ANNELIESE ZOELLER	USA	22.78	ANDREW MANLEY	GBR	58.04	DANNE KARLSSON	SWE
1:04.34	NELLA GAMENARA	ITA	1:37.24	EMILY GODSALL	GBR	22.80	RYAN LAURIN	CAN	58.26	KENTARO NAKAMURA	JPN

World Masters Top 10 SCM (25 M)

58.35	ANDREW MANLEY	GBR	58.24	G DIAZ DE LEON	USA	8:58.89	ANDRE NUSSBAUMER	SUI	50 M. FLY	
58.53	LEONARDO GOMES	BRA	59.02	DANNE KARLSSON	SWE	9:00.43	MATTEO AMMANNATI	ITA	24.36	HAJIME ITOI JPN
58.71	CHRYSTIAN GAUVIN	CAN	59.04	THANH-UY PHANTAN	GER	9:03.08	ROBERTO VENIER	ITA	24.86	MICHAEL PICOTTE USA
200 M. BRST			59.18	SASCHA JANITZKI	GER	9:04.98	SEAN SWAIN	CAN	25.41	JONATHAN SADLER GBR
2:05.64	TAKUMA YAMAOKA	JPN	59.23	AUDY OKTAVIAN	USA	9:06.69	DAVID ROYO	ESP	25.42	MAKIO ENDO JPN
2:06.44	GREG PLANK	USA	59.37	AKIRA KAMO	JPN	9:09.90	MARK OLDHAM	CAN	25.59	CURTIS SAWIN USA
2:09.34	ALEXANDER BREIT	GER	59.65	MATTHEW CHAPPEL	GBR	1500 M. FREE			25.77	GLAUCCO SILVA BRA
2:10.95	G. ORPHANIDES	GBR	59.70	BRIAN FEHLAU	USA	16:39.36	COLIN OVINGTON	GBR	25.81	BARRY SARETSKY CAN
2:11.06	RICHARD MUNSON	USA	200 M. I.M.			16:58.00	JUSTIN PALFREY	GBR	25.98	MASATERU IKEDA JPN
2:11.52	CHRYSTIAN GAUVIN	CAN	2:05.98	KAZUYA KUROSU	JPN	17:03.50	DAVID ROYO	ESP	26.03	MARK JONES GBR
2:11.53	FABIO AFFRICANO	ITA	2:07.07	JEFF COMMINGS	USA	17:11.40	ROBERTO VENIER	ITA	26.23	GERRY PARENTI CAN
2:12.13	FABIO COSTA	BRA	2:08.16	AUDY OKTAVIAN	USA	17:16.73	TOSHIKI IMAI	JPN	100 M. FLY	
2:12.19	THANH-UY PHANTAN	GER	2:08.76	SHINYA HAYASHI	JPN	17:24.90	LUCA MORREALE	ITA	56.91	BARRY SARETSKY CAN
2:12.44	JEROME HUMBERT	FRA	2:09.68	DANNE KARLSSON	SWE	17:34.83	A. JANITZKI	GER	57.48	JOCHEN BRUHA GER
50 M. BRST			2:11.48	OMAR SOARES	BRA	17:35.74	ANDRE NUSSBAUMER	SUI	58.11	BJORN FRIEDRICH GER
27.69	RUSS PATRICK	CAN	2:11.77	KLAUS HUEZ	ITA	17:38.76	ERIC MIX	USA	58.45	PATRIK ROBERTSSON SWE
28.60	JEFF COMMINGS	USA	2:11.87	G. ORPHANIDES	GBR	17:47.82	BRIAN KOHLMEIER	USA	58.48	HIROYUKI NAKAMURA JPN
29.37	TAKASHI HIRAKAWA	JPN	2:12.35	SHIGEO SHIRAIISHI	JPN	50 M. BACK			58.57	RENATO LEAL BRA
29.61	ANDREAS KORNES	GER	2:12.36	KOICHI MASUTA	JPN	25.92	HAJIME ITOI	JPN	58.58	PETER HENRY CAN
29.64	MATTHEW CHAPPEL	GBR	400 M. I.M.			26.69	TOSHIKI MIURA	JPN	59.07	HASSE NILSSON SWE
29.81	AUDY OKTAVIAN	USA	4:34.06	G. ORPHANIDES	GBR	27.00	JEFF WELECHUK	CAN	59.16	JEFFREY RODDIN USA
29.88	M. MICHAELSEN	GER	4:41.35	KEISUKE KUGA	JPN	27.01	MARTIN ZUBERO	USA	59.43	ERIK SCOLLON USA
29.96	BRETT LUMMIS	GBR	4:45.68	MATHIAS HAAK	GER	27.03	CURTIS SAWIN	USA	200 M. FLY	
29.96	SASCHA JANITZKI	GER	4:47.23	MICHAEL HECKER	GER	27.14	KEVAN BATES	CAN	2:11.22	JUSTIN WELBOURN CAN
29.98	YASUNOBU KUSUDA	JPN	4:47.36	DEVIN HOWARD	GBR	27.19	Y. NAKAHARA	JPN	2:12.18	CYRIL CAVAGNA FRA
100 M. BRST			4:49.40	M. CASSOL	ITA	27.26	HENDRIK FRITZ	GER	2:12.57	BARRY SARETSKY CAN
1:02.61	RUSS PATRICK	CAN	4:49.89	MAKOTO KONISHI	JPN	27.63	GERRY PARENTI	CAN	2:13.71	PETER HENRY CAN
1:02.83	JEFF COMMINGS	USA	4:50.06	CLAUDE NEMURAT	FRA	27.75	TOMOHIRO MUSHI	JPN	2:13.95	NEIL MURRAY CAN
1:04.09	AUDY OKTAVIAN	USA	4:51.02	JEREMIAH HUDACIN	CAN	100 M. BACK			2:14.08	JOHN TOMLIN GBR
1:04.69	GREGORY MAZERIS	FRA	4:51.62	BRIAN FURLONG	USA	55.19	MARTIN ZUBERO	USA	2:16.16	ANDRE NUSSBAUMER SUI
1:05.34	BRETT LUMMIS	GBR				57.63	JEFF WELECHUK	CAN	2:16.18	A. JANITZKI GER
1:05.47	ENNO FRANCO	ITA	*****			57.80	Y. NAKAHARA	JPN	2:17.17	M. HASSIMOTTO BRA
1:05.53	ANDREAS KORNES	GER	M E N 30-34			58.84	CHRIS JONES	GBR	2:17.68	YASUSHI TAIRA JPN
1:05.91	M. MICHAELSEN	GER	*****			59.63	JOHANN PAPIILON	FRA	100 M. I.M.	
1:05.99	BASTIAN KAMPMANN	GER	50 M. FREE			59.68	DEREK ROBINSON	USA	56.66	MARTIN ZUBERO USA
1:06.09	SIMONE BATTISTON	ITA	22.68	AUSTYN SHORTMAN	GBR	59.71	CURTIS SAWIN	USA	59.07	TOMOHIRO MUSHI JPN
200 M. BRST			22.99	MICHAEL PICOTTE	USA	59.90	R. LOCOCCILO	ITA	59.33	MASAKATSU USAMI JPN
2:20.30	AUDY OKTAVIAN	USA	23.38	SVEN GUSKE	GER	59.94	PETER OBERGLOCK	GER	1:00.02	BJORN FRIEDRICH GER
2:22.10	STUART NOTMAN	GBR	23.43	A. LUDERITZ	GER	1:00.14	HENDRIK FRITZ	GER	1:00.11	GLAUCCO SILVA BRA
2:22.18	GREGORY MAZERIS	FRA	23.67	MAKIO ENDO	JPN	200 M. BACK			1:00.89	BRIAN JACOBSON USA
2:22.93	ENNO FRANCO	ITA	23.75	JOCHEN BRUHA	GER	2:05.82	JEFF WELECHUK	CAN	1:00.90	ERIK SCOLLON USA
2:24.61	SIMONE BATTISTON	ITA	23.85	JONATHAN SADLER	GBR	2:06.56	CHRIS JONES	GBR	1:00.99	MATTHIAS MILLERS GER
2:26.77	JONAS GLANG	GER	23.86	TORSTEN SCHEUNERT	GER	2:07.82	Y. NAKAHARA	JPN	1:01.11	BARRY SARETSKY CAN
2:28.24	JARED WALKENHORST	USA	23.87	MIKIHIRO ARUGA	JPN	2:09.49	SCOTT REED	USA	1:01.25	HARALD MAISCH GER
2:29.20	YOHANN MENANTEAU	FRA	23.93	BRIAN JACOBSON	USA	2:11.20	DAVIDE POMPELE	ITA	200 M. I.M.	
2:29.88	M. MICHAELSEN	GER	100 M. FREE			2:11.93	PAUL GRIFFITHS	GBR	2:10.78	TOMOHIRO MUSHI JPN
2:30.25	ANDRES PERALES	ESP	50.71	MICHAEL PICOTTE	USA	2:12.17	CYRIL CAVAGNA	FRA	2:12.98	SCOTT REED USA
50 M. FLY			51.31	JOCHEN BRUHA	GER	2:12.28	R. LOCOCCILO	ITA	2:13.36	GLAUCCO SILVA BRA
25.02	FERNANDO SCHERER	BRA	51.37	AUSTYN SHORTMAN	GBR	2:12.66	C. BATTISTINI	ITA	2:14.17	ERIK SCOLLON USA
25.05	G DIAZ DE LEON	USA	51.61	A. LUDERITZ	GER	2:13.95	MARTIN DOUGLAS	GBR	2:14.30	CYRIL CAVAGNA FRA
25.58	NEI-KUAN CHIA	USA	52.13	TRENT BRAY	NZL	50 M. BRST			2:14.34	MARTIN DOUGLAS GBR
25.59	AKIRA KAMO	JPN	52.28	JEFF WELECHUK	CAN	28.31	HIDEAKI TOGO	JPN	2:14.60	KENJI UMEDA JPN
25.74	KAI KUHLMANN	GER	52.63	STEVEN MELLOR	GBR	29.65	JONATHAN BANVILLE	CAN	2:14.79	JOHANN PAPIILON FRA
25.78	AUDY OKTAVIAN	USA	52.90	R. LOCOCCILO	ITA	29.84	SVEN GUSKE	GER	2:15.83	MARTIN LEVINE CAN
25.80	BRAD JOHNSON	CAN	52.95	TADAO INEYAMA	JPN	30.14	RICARDO BENASAYAG	BRA	2:15.89	PAUL GRIFFITHS GBR
25.86	JASON EADDY	USA	53.05	JONATHAN SADLER	GBR	30.45	KAZUHIRO NAKAMURA	JPN	2:15.89	NEIL MURRAY CAN
25.89	OMI SOEHATA	JPN	200 M. FREE			30.46	NIELS HORN	GER	400 M. I.M.	
26.00	DAVIDE AMBROSI	ITA	1:53.32	JOCHEN BRUHA	GER	30.62	MARTIN DOUGLAS	GBR	4:44.03	NEIL MURRAY CAN
100 M. FLY			1:53.87	TADAO INEYAMA	JPN	30.64	KOSEI KAJITA	JPN	4:46.36	MATTHIAS MILLERS GER
56.54	JASON EADDY	USA	1:54.90	C. BATTISTINI	ITA	30.66	YASUHIRO KOMORI	JPN	4:46.88	COLIN OVINGTON GBR
56.91	KIMITAKA MINOBE	JPN	1:55.45	TRENT BRAY	NZL	30.67	TETSUO IWAKI	JPN	4:51.18	MATTHEW KINNEY USA
56.91	NEI-KUAN CHIA	USA	1:56.99	CYRIL CAVAGNA	FRA	100 M. BRST			4:53.48	TODD RADEL USA
57.37	AUDY OKTAVIAN	USA	1:57.22	JEFF WELECHUK	CAN	1:05.27	JONATHAN BANVILLE	CAN	4:54.03	KOJI NAKAMURA JPN
57.70	DAVIDE AMBROSI	ITA	1:58.72	MARTIN GALE	GBR	1:07.09	RICARDO BENASAYAG	BRA	4:54.36	SEAN SWAIN CAN
57.98	HIROKI NAKAZONO	JPN	1:58.85	FLORENT VILLETTE	FRA	1:07.25	PATRIK ROBERTSSON	SWE	4:54.70	JOSEP M BARDI ESP
57.99	DAISUKE FUJIMOTO	JPN	2:00.40	R. LOCOCCILO	ITA	1:07.28	YAMATO TAKAHASHI	JPN	4:55.09	YANN CORDIER FRA
58.07	DANNE KARLSSON	SWE	2:00.55	MARK OLDHAM	CAN	1:07.29	F. OLLENDORFF	CAN	4:57.66	ERIC MIX USA
58.10	ANDREA MARCATO	ITA	400 M. FREE			1:07.30	MARTIN DOUGLAS	GBR		
58.15	P JASON GOLTZ	USA	4:02.90	SEBASTIAN WIESE	GER	1:07.40	YASUSHI WATANABE	JPN	*****	
200 M. FLY			4:06.64	CYRIL CAVAGNA	FRA	1:07.50	TETSUO IWAKI	JPN	M E N 35-39	
2:02.05	KIMITAKA MINOBE	JPN	4:10.45	JOCHEN BRUHA	GER	1:07.53	NIGEL MASTERS	GBR	*****	
2:07.61	JASON EADDY	USA	4:11.63	PER HELGESSON	SWE	1:07.68	NARIHITO WAKUI	JPN	50 M. FREE	
2:09.11	HIDENORI NAKAZONO	JPN	4:11.79	COLIN OVINGTON	GBR	200 M. BRST			23.12	JAN KARLSSON SWE
2:09.62	DEVIN HOWARD	GBR	4:12.95	STEVEN MELLOR	GBR	2:21.42	JONATHAN BANVILLE	SUI	23.37	M. GIALDI ITA
2:09.63	PIERRE RABAT	FRA	4:13.97	SCOTT REED	USA	2:24.73	MARTIN DOUGLAS	GBR	23.70	PAULO TRINDADE POR
2:10.21	DAN ABEL	NZL	4:15.16	JEFF WELECHUK	CAN	2:26.58	TODD RADEL	USA	23.96	HEBERT HENRY CAN
2:12.92	DAVIDE AMBROSI	ITA	4:15.63	MARK FORRESTER	GBR	2:26.80	KENICHIRO TSUKUI	JPN	23.98	MARCEL EKKELBOM GER
2:13.62	P JASON GOLTZ	USA	4:15.98	KOJI NAKAMURA	JPN	2:27.37	MATTHEW KINNEY	USA	24.04	TAIHEI SAKA JPN
2:14.07	JIM KELLY	CAN	800 M. FREE			2:29.03	NIGEL MASTERS	GBR	24.17	ERIK HOCHSTEIN USA
2:14.20	RAFFAELLO CLAVARI	ITA	8:20.08	SEBASTIAN WIESE	GER	2:30.00	NARIHITO WAKUI	JPN	24.44	CARSTEN SCHULZ GER
100 M. I.M.			8:40.00	COLIN OVINGTON	GBR	2:31.18	MATTHIAS MILLERS	GER	24.47	JULIO LOPEZ BRA
56.65	JEFF COMMINGS	USA	8:49.93	STEPHAN BIGNET	FRA	2:31.20	CYRIL CAVAGNA	FRA	24.50	MARCO CONTI ITA
57.40	ANDREW MANLEY	GBR	8:53.00	JUSTIN PALFREY	GBR	2:31.44	NEIL KEMP	GBR	100 M. FREE	

World Masters Top 10
SCM (25 M)

51.01	RON KARNAUGH	USA	2:14.78	GIUSEPPE TIANO	ITA	2:04.18	RON KARNAUGH	USA	16:42.00	GEORGE TIDMARSH	USA
51.98	ERIK HOCHSTEIN	USA	2:14.80	WOJTECH BLECHAR	GER	2:10.67	LORENZO BENUCCI	USA	16:52.71	BOBBY PATTEN	USA
52.27	M.GIALDI	ITA	2:14.82	PAUL LEMMON	AUS	2:11.34	HAJIME MORIMOTO	JPN	17:20.27	BRADLEY HOWE	USA
53.16	ANDY EDMONDSON	USA	2:14.92	MIKE SHAFFER	USA	2:13.46	MARK MAGEE	USA	17:23.08	TIM HEDRICK	USA
53.17	KAZUHIKO YAMAKAWA	JPN	2:15.74	STEPHEN SMITH	USA	2:13.65	STEPHEN SMITH	USA	17:24.63	MATTHEW BAILEY	USA
53.26	ROSS DAVIS	USA	50 M. BRST			2:14.09	MARK STORI	USA	17:26.80	STEFANO SEGUITI	ITA
53.36	MICHELE BERNARDI	ITA	28.95	RON DEKKER	NED	2:14.34	C.BORDEAU	FRA	17:45.00	MARTYN PRICE	GBR
53.49	HEBERT HENRY	CAN	30.36	HAJIME MORIMOTO	JPN	2:14.95	WOJTECH BLECHAR	GER	17:49.77	K.VAN OVERBEEKE	NED
53.56	TAIHEI SAKA	JPN	30.48	CICERO TORTELI	BRA	2:15.29	RENATO RAMALHO	BRA	50 M. BACK		
53.62	STEVE INGO	CAN	30.52	ALBERTO MONTINI	ITA	2:15.36	DANNY FINCH	CAN	27.55	J CLAY BRITT	USA
53.62	JOHN KEPELER	USA	30.57	JAN KARLSSON	SWE	400 M. I.M.			27.58	CRAIG NORREY	GBR
200 M. FREE			30.66	ANDREAS GRUNBERG	GER	4:24.36	RON KARNAUGH	USA	28.52	ROBERTO TARRICONE	ITA
1:51.31	ERIK HOCHSTEIN	USA	30.78	SEAN FRAMPTON	USA	4:43.75	MARK MAGEE	USA	28.56	ROGER BIRREY	SUI
1:56.74	TERRY DEBIASE	USA	30.81	FRANK BAHR	GER	4:47.04	MARK STORI	USA	28.79	PAOLO FELOTTI	ITA
1:56.77	MIKE SHAFFER	USA	30.83	KAZUHIKE MINAKAWA	JPN	4:48.93	WOJTECH BLECHAR	GER	28.88	ROBIN SCHUIJT	ESP
1:57.55	ANDY EDMONDSON	USA	30.93	YOZO FUJII	JPN	4:52.04	MARCO POMONI	ITA	28.91	JOAKIM SJOHOLM	SWE
1:57.61	STEVE INGO	CAN	100 M. BRST			4:52.40	RICHARD PEASE	USA	29.03	YASUSHI MAKINO	JPN
1:58.57	STUART CROMARTY	USA	1:04.37	RON DEKKER	NED	4:52.73	ALEJANDRO MORENO	MEX	29.15	EDWIN VAN NORDEN	NED
1:58.64	C.BORDEAU	FRA	1:04.68	ALBERTO MONTINI	ITA	4:53.19	STEPHEN SMITH	USA	29.18	STEVE WOOD	USA
1:58.93	ROSS DAVIS	USA	1:05.76	HAJIME MORIMOTO	JPN	4:54.92	DANNY FINCH	CAN	100 M. BACK		
1:58.99	JOHN KEPELER	USA	1:07.14	EMMANUEL FOUCART	FRA	4:55.11	BILL WINTERS	USA	58.28	J CLAY BRITT	USA
1:59.23	TAIHEI SAKA	JPN	1:07.22	LORENZO BENUCCI	USA				59.94	EDWIN VAN NORDEN	NED
400 M. FREE			1:07.23	NEILL WILLIAMS	USA	*****			1:02.31	CRAIG NORREY	GBR
3:57.77	ERIK HOCHSTEIN	USA	1:07.24	SEAN FRAMPTON	USA	M E N 40-44			1:02.34	PAOLO FELOTTI	ITA
4:01.78	RON KARNAUGH	USA	1:07.79	FRANK BAHR	GER	*****			1:02.50	YASUSHI MAKINO	JPN
4:08.90	MIKE SHAFFER	USA	1:08.10	LUCA NATALE	ITA	50 M. FREE			1:02.60	BRUCE HAYES	GBR
4:10.66	GEOFFREY GLASER	USA	1:08.89	YOZO FUJII	JPN	23.68	R.ALVES SANTOS	BRA	1:02.83	PETER BERNDT	USA
4:13.14	BENEDIKT NOSS	GER	200 M. BRST			23.75	JOAKIM SJOHOLM	SWE	1:03.26	MARTIN FENNER	GBR
4:14.68	MARK MAGEE	USA	2:20.49	HAJIME MORIMOTO	JPN	24.18	ROBERTO TARRICONE	ITA	1:03.90	STEVE WOOD	USA
4:14.98	STUART CROMARTY	USA	2:20.85	RON KARNAUGH	USA	24.29	DIMITRI KHODKO	CAN	1:04.04	BOBBY PATTEN	USA
4:15.29	C.BORDEAU	FRA	2:21.97	NICK GILLINGHAM	GBR	24.58	DAVID BOATWRIGHT	USA	200 M. BACK		
4:15.35	TERRY DEBIASE	USA	2:22.89	ALBERTO MONTINI	ITA	24.80	K.VAN OVERBEEKE	NED	2:15.30	EDWIN VAN NORDEN	NED
4:16.40	MARCO POMONI	ITA	2:28.06	NEILL WILLIAMS	USA	24.80	SHUNSUKE MIYAMOTO	JPN	2:16.80	MARTIN FENNER	GBR
400 M. FREE			2:28.15	EMMANUEL FOUCART	FRA	24.80	GENNARO LA SALA	ITA	2:17.00	G.FRANCESCHI	ITA
8:23.06	ERIK HOCHSTEIN	USA	2:30.69	J.ANDRE MELLADO	FRA	24.87	DAVID EMERSON	GBR	2:17.22	LINCOLN DJANG	USA
8:36.16	MIKE SHAFFER	USA	2:30.70	SEAN FRAMPTON	USA	24.88	CRAIG MALLERY	USA	2:19.16	GLENN BATTLE	USA
8:43.07	GEOFFREY GLASER	USA	2:31.73	MARCEL SCHOLTEN	GBR	100 M. FREE			2:22.35	K.VAN OVERBEEKE	NED
8:48.50	BENEDIKT NOSS	GER	2:32.09	STEPHANE MILETTE	CAN	52.34	KAI DITZEL	GER	2:23.53	UDO CHRISTIANSEN	GER
8:53.47	MICHAEL PRUFERT	GER	50 M. FLY			52.55	JOAKIM SJOHOLM	SWE	2:23.64	ROGER WELLMAN	GBR
8:55.09	ALEJANDRO MORENO	MEX	24.48	JAN KARLSSON	SWE	53.39	RICARDO SANTOS	BRA	2:23.69	CRAIG NORREY	GBR
8:57.79	RENATO RAMALHO	BRA	25.63	TAIHEI SAKA	JPN	53.46	DAVID BOATWRIGHT	USA	2:23.82	BRAD ROBY	USA
9:07.24	FRANCIS MAGNAN	FRA	25.68	NEILL WILLIAMS	USA	53.76	EDWIN VAN NORDEN	NED	50 M. BRST		
9:09.58	RAUL JUNIOR	BRA	25.69	KAZUHIKO YAMAKAWA	JPN	53.98	THOMAS FAHRNER	GER	30.18	CHRIS WEISSMAN	USA
9:11.88	DANNY FINCH	CAN	25.89	HIROSHI MIURA	JPN	54.24	GRAHAM WELBOURN	CAN	30.31	WALLY DICKS	USA
1500 M. FREE			26.13	HARTMUT BERNER	GER	54.60	CRAIG MALLERY	USA	30.59	DEAN PUTTERMAN	USA
16:12.88	ERIK HOCHSTEIN	USA	26.17	SATOSHI TAKEDA	JPN	54.61	F.SILVESTRI	ITA	30.78	ROBERTO TARRICONE	ITA
16:16.20	MIKE SHAFFER	USA	26.27	MARCEL EKKELOOM	GER	54.77	BRADLEY HOWE	USA	30.81	JORG NEUMULLER	GER
17:10.00	MARCO TENDERINI	ITA	26.40	OLIVIER FAYOLLE	FRA	200 M. FREE			31.09	MASAAKI OTSUKI	JPN
17:26.84	ALAIN BELLAGUET	FRA	26.49	ANDREA TOJA	ITA	1:53.66	KAI DITZEL	GER	31.40	RENATO POSSANZINI	ITA
17:37.90	KURT DICKSON	USA	100 M. FLY			1:55.11	F.SILVESTRI	ITA	31.60	MARCO VILLEUX	CAN
17:39.38	SCOTT TOBIN	USA	56.59	TAIHEI SAKA	JPN	1:58.07	DAVID BOATWRIGHT	USA	31.62	THOMAS LIGL	GER
17:53.28	DALE MERCKER	USA	57.15	RON KARNAUGH	USA	1:58.17	EDWIN VAN NORDEN	NED	31.64	RONALD HORMANN	GER
18:01.40	ANDREW GRISTWOOD	GBR	57.75	MIKE SHAFFER	USA	1:58.75	GRAHAM WELBOURN	CAN	31.64	BRIAN HASEGAWA	CAN
18:01.69	STUART MORRISH	GBR	58.00	ANDREA TOJA	ITA	1:59.45	BRADLEY HOWE	USA	100 M. BRST		
18:03.28	SHAWN MORGAN	GBR	58.43	C.BORDEAU	FRA	1:59.77	RICARDO SANTOS	BRA	1:06.21	CHRIS WEISSMAN	USA
50 M. BACK			58.50	ROSS DAVIS	USA	2:00.49	MARTYN PRICE	GBR	1:08.36	ROBERTO TARRICONE	ITA
27.13	TAKURO KOJIMA	JPN	58.51	HARTMUT BERNER	GER	2:00.53	MICHAEL KLEIBER	GER	1:09.38	DAVE TOWN	CAN
27.52	JAN KARLSSON	SWE	58.61	SATOSHI TAKEDA	JPN	2:01.00	PETER LONG	GBR	1:09.39	BRIAN CASEY	USA
27.54	RON KARNAUGH	USA	58.93	RICHARD PEASE	USA	400 M. FREE			1:09.41	BERT GOEBEL	GER
27.82	ANDREA TOJA	ITA	59.07	YASUHIRO OKADA	JPN	4:04.32	KAI DITZEL	GER	1:09.79	BRIAN HASEGAWA	CAN
27.88	DEREK MURCHIE	CAN	200 M. FLY			4:05.30	F.SILVESTRI	ITA	1:09.98	PREBBEN WARGA	SUI
27.91	CARSTEN SCHULZ	GER	2:06.07	MIKE SHAFFER	USA	4:09.81	MICHAEL KLEIBER	GER	1:10.45	THOMAS LIGL	GER
27.92	JOHN KEPELER	USA	2:06.23	ERIK HOCHSTEIN	USA	4:11.94	GRAHAM WELBOURN	CAN	1:10.54	EDWIN VAN NORDEN	NED
28.03	THOMAS SENN	USA	2:06.87	TAIHEI SAKA	JPN	4:16.27	BRADLEY HOWE	USA	1:10.71	MATS LADEBORN	SWE
28.13	GIUSEPPE TIANO	ITA	2:10.50	A.LAVEGLIA	ITA	4:18.04	BOBBY PATTEN	USA	200 M. BRST		
28.20	SHUJI AZUMA	JPN	2:10.97	MARK MAGEE	USA	4:19.62	MARTYN PRICE	GBR	2:27.09	EDWIN VAN NORDEN	NED
100 M. BACK			2:12.04	JOHN O'KEEFE	USA	4:22.03	DAMIANO NANETTI	ITA	2:27.38	WALLY DICKS	USA
57.85	RON KARNAUGH	USA	2:12.22	ROSS DAVIS	USA	4:24.22	PETER LONG	GBR	2:28.17	CHRIS WEISSMAN	USA
59.56	JOHN KEPELER	USA	2:13.63	ALEJANDRO MORENO	MEX	4:24.28	MATTHEW BAILEY	USA	2:32.34	THOMAS LIGL	GER
1:00.13	THOMAS SENN	USA	2:14.18	RAUL JUNIOR	BRA	800 M. FREE			2:34.32	KAZUNORI UEMURA	JPN
1:00.62	DEREK MURCHIE	CAN	2:15.24	WOJTECH BLECHAR	GER	8:33.16	F.SILVESTRI	ITA	2:35.15	DAVE TOWN	CAN
1:00.65	DARRYL FOLLOWS	NZL	100 M. I.M.			8:33.19	MICHAEL KLEIBER	GER	2:35.93	DAVID CARTLEDGE	GBR
1:00.90	SHUJI AZUMA	JPN	56.94	RON KARNAUGH	USA	8:33.24	KAI DITZEL	GER	2:36.80	RALF SIMON	SUI
1:01.22	MIKE SHAFFER	USA	59.78	LORENZO BENUCCI	USA	8:46.43	GRAHAM WELBOURN	CAN	2:38.09	KEITH HOFFMAN	USA
1:01.49	GIUSEPPE TIANO	ITA	1:00.03	HAJIME MORIMOTO	JPN	8:52.48	GEORGE TIDMARSH	USA	2:38.63	JUNYA ITO	JPN
1:01.63	STEPHEN SMITH	USA	1:00.39	NEILL WILLIAMS	USA	8:58.96	B.BORDONALI	ITA	50 M. FLY		
1:01.86	JULIO LOPEZ	BRA	1:00.52	KAZUHIKO YAMAKAWA	JPN	9:02.35	STEFANO SEGUITI	ITA	25.56	ROBERTO TARRICONE	ITA
200 M. BACK			1:00.61	ALBERTO MONTINI	ITA	9:09.53	TIM HEDRICK	USA	26.21	DAVID EMERSON	GBR
2:03.44	RON KARNAUGH	USA	1:00.63	RON DEKKER	NED	9:12.04	MATTHEW BAILEY	USA	26.40	RICARDO SANTOS	BRA
2:08.57	JOHN KEPELER	USA	1:00.64	MARCEL EKKELOOM	GER	9:12.18	LINCOLN DJANG	USA	26.78	JOAKIM SJOHOLM	SWE
2:09.20	DARRYL FOLLOWS	NZL	1:01.22	MARK STORI	USA	1500 M. FREE			26.87	MICHAEL BRETT	GBR
2:13.89	THOMAS SENN	USA	1:01.27	C.BORDEAU	FRA	16:23.95	F.SILVESTRI	ITA	27.04	K.VAN OVERBEEKE	NED
2:14.10	KURT DICKSON	USA	200 M. I.M.			16:37.00	MICHAEL KLEIBER	GER	27.04	PAOLO FELOTTI	ITA

World Masters Top 10
SCM (25 M)

27.09	C.FROELIGER	FRA	56.85	STEVE FRANKLIN	USA	31.95	HIROMICHI TAKEI	JPN	400 M.	I.M.
27.09	ROGER BIRRRER	SUI	200 M.	FREE		32.06	SPENCER ELDRRED	USA	5:01.91	MARK DRENNEN USA
27.16	HENRY STEWART	USA	2:01.89	BRENT BARNES	JPN	32.08	BEN DOYLE	USA	5:07.15	HUGO BREGMAN NED
100 M.	FLY		2:04.10	WILLIAM HEMPEL	GBR	32.38	ALAN THOMSON	GBR	5:07.18	WIESLAW MUSIAL CAN
57.53	ROBERTO TARRICONE	ITA	2:04.10	PETER WORLAND	USA	32.52	SHOICHI SAKAGUCHI	JPN	5:08.26	BILL SPECHT USA
58.56	DAVID EMERSON	GBR	2:04.39	SPENCER ELDRRED	USA	32.65	NEVILLE BARTON	GBR	5:09.46	VOLKER MENDE GER
58.73	BOBBY PATTEN	USA	2:05.53	L MEISENHEIMER	USA	100 M.	BRST		5:10.91	MATTHEW KANZLER USA
58.95	EDWIN VAN NORDEN	NED	2:06.19	ALEXEI ZVEREV	GER	1:07.68	GLEN CHRISTIANSEN	SWE	5:11.11	PAT ALLENDER USA
59.77	DAVE TOWN	CAN	2:07.14	ALAN GODFREY	USA	1:07.77	GREGORY OXLEY	USA	5:11.73	BRYAN VOLPP USA
59.85	DANIEL LEPINE	CAN	2:07.28	BOB BUGG	USA	1:10.18	RONNY OLTNER	SWE	5:13.84	PETER KAUCH GER
59.97	PAUL MORRIS	GBR	2:07.75	STEPHANE HUGOT	FRA	1:10.95	SPENCER ELDRRED	USA	5:14.76	THEO BURGER GER
59.98	BILL O'BRIEN	USA	2:07.80	TIM ERICKSON	USA	1:11.22	BARRY O'BRIEN	GBR		
1:00.11	STEVE STOTHERS	CAN	400 M.	FREE		1:11.49	PAT ALLENDER	USA		*****
1:00.19	RICARDO SANTOS	BRA	4:21.20	WILLIAM SPECHT	USA	1:12.04	HAJIME SHIMURA	JPN		M E N 50-54
200 M.	FLY		4:21.52	BRETT PHILLIPS	USA	1:12.11	CHRIS NICOL	CAN		*****
2:13.43	BOBBY PATTEN	USA	4:24.09	WILLIAM HEMPEL	GBR	1:12.55	CRAIG SHEFFER	USA	50 M.	FREE
2:13.78	DAMIANO NANETTI	ITA	4:24.85	MARK DRENNEN	USA	1:13.17	ALAN THOMSON	GBR	24.26	PAUL TREVISAN USA
2:14.49	DANIEL LEPINE	CAN	4:25.06	SCOTT SHAKE	USA	200 M.	BRST		24.74	V.GALAVTINE FRA
2:15.99	BILL O'BRIEN	USA	4:28.04	PETER WORLAND	USA	2:31.41	GREGORY OXLEY	USA	25.00	LARRY KRAUSER USA
2:18.50	DETLEV MAAS	GER	4:32.06	DIRK ZETERBERG	GER	2:32.51	GLEN CHRISTIANSEN	SWE	25.53	BRUCE ROBERTSON CAN
2:19.07	JONATHAN OLSEN	USA	4:32.52	GLEN CHRISTIANSEN	SWE	2:33.37	SPENCER ELDRRED	USA	25.53	THOMAS WHATLEY USA
2:19.65	STEVE STOTHERS	CAN	4:34.15	HUGO BREGMAN	NED	2:33.83	PAT ALLENDER	USA	25.56	LEONARD BIELICZ SWE
2:19.75	RON COLLINS	USA	4:34.28	LARRY WOOD	USA	2:34.32	BARRY O'BRIEN	GBR	25.56	RICARDO DAVIS BRA
2:22.05	MICHAEL SCHMIDT	USA	800 M.	FREE		2:35.16	TOM REUDY	USA	25.64	TOM GEIMAN USA
2:24.98	MARC BEAU	FRA	9:12.50	SIMON VEALE	GBR	2:36.56	BEN DOYLE	USA	26.07	LEE MENCH USA
100 M.	I.M.		9:12.80	MARK DRENNEN	USA	2:36.58	PETER KAUCH	GER	26.11	ROLF AUST GER
59.57	ROBERTO TARRICONE	ITA	9:22.80	DIRK ZETERBERG	GER	2:39.20	HAJIME SHIMURA	JPN	100 M.	FREE
1:00.44	EDWIN VAN NORDEN	NED	9:26.01	MATT CLARK	USA	2:39.36	MARK DRENNEN	USA	54.61	PAUL TREVISAN USA
1:01.58	JOAKIM SJOHOLM	SWE	9:26.48	GLENN CARLSEN	CAN	50 M.	FLY		55.37	LEE MENCH USA
1:01.69	DAVE TOWN	CAN	9:35.02	TIM ERICKSON	USA	25.84	PAUL CARTER	USA	55.51	LARRY KRAUSER USA
1:02.82	K.VAN OVERBEEKE	NED	9:38.18	BOB BUGG	USA	26.82	BRENT BARNES	JPN	55.71	BRUCE ROBERTSON CAN
1:02.94	YASUSHI MAKINO	JPN	9:38.20	GLEN CHRISTIANSEN	SWE	26.84	RICK ABBOTT	USA	56.24	V.GALAVTINE FRA
1:03.06	JERRY DAWSON	USA	9:38.77	IAN MACDONALD	CAN	26.87	WILLIAM SPECHT	USA	56.67	RICHARD GARRETT USA
1:03.29	CRAIG NORREY	GBR	9:41.15	MATTHEW KANZLER	USA	27.08	JOHN VAN BUUREN	CAN	57.09	GREG SHAW USA
1:03.37	PAOLO FELOTTI	ITA	1500 M.	FREE		27.21	JAMES BALLARD	USA	57.19	LEONARD BIELICZ SWE
1:03.45	PETER BERNDT	USA	17:24.06	MARK DRENNEN	USA	27.43	ARNALDO PEREZ	USA	57.23	DAVE DICKSON CAN
200 M.	I.M.		18:00.36	MATT CLARK	USA	27.59	FREDERICK EHMKE	USA	57.31	WILSON MILLS GBR
2:13.33	DAVE TOWN	CAN	18:05.17	MATTHEW KANZLER	USA	27.63	MARIO LLORET	ESP	200 M.	FREE
2:16.76	F.SILVESTRI	ITA	18:08.50	GLEN CHRISTIANSEN	SWE	27.63	DONALD GRAHAM	USA	2:03.10	LARRY KRAUSER USA
2:16.87	K.VAN OVERBEEKE	NED	18:10.96	GLENN CARLSEN	CAN	100 M.	FLY		2:03.80	LEE MENCH USA
2:17.46	EDWIN VAN NORDEN	NED	18:18.78	LARRY WOOD	USA	57.17	PAUL CARTER	USA	2:04.46	BRUCE ROBERTSON CAN
2:19.82	RAY GANDY	USA	18:28.58	MIKE PATRICK	CAN	58.14	WILLIAM SPECHT	USA	2:08.10	JIM CLEMMONS USA
2:20.18	L.FERNANDO ZULIET	BRA	18:32.50	SHIGEO ARAI	JPN	1:00.01	JAMES BALLARD	USA	2:10.60	DOUG GREEN USA
2:20.29	DAVID CARTLEDGE	GBR	18:33.01	HUGO BREGMAN	NED	1:00.09	JOHN VAN BUUREN	CAN	2:11.41	G.SCARAMEL ITA
2:20.50	JERRY DAWSON	USA	18:37.92	JIM STITES	USA	1:01.33	FREDERICK EHMKE	USA	2:12.16	RICHARD GARRETT USA
2:20.68	BRIAN CASEY	USA	50 M.	BACK		1:01.64	ALEXEI ZVEREV	GER	2:12.30	LUIS PINEYRO MEX
2:20.83	YASUSHI MAKINO	JPN	28.40	FRITZ LEHMAN	USA	1:02.11	PHILIP ARCUNI	USA	2:12.53	MIKE STAMHUIS CAN
400 M.	I.M.		29.01	WILLIAM SPECHT	USA	1:02.16	SIMON VEALE	GBR	2:12.60	PETER RAE GBR
4:47.32	F.SILVESTRI	ITA	29.42	JAMES BALLARD	USA	1:03.13	WIESLAW MUSIAL	CAN	400 M.	FREE
4:49.57	LINCOLN DJANG	USA	29.43	JOHN VAN BUUREN	CAN	1:03.16	HUGO BREGMAN	NED	4:26.37	LARRY KRAUSER USA
4:52.47	TOM RADAM	USA	29.57	WIESLAW MUSIAL	CAN	200 M.	FLY		4:28.64	LEE MENCH USA
4:58.34	DANIEL LEPINE	CAN	29.75	SCOTT SHAKE	USA	2:09.06	WILLIAM SPECHT	USA	4:32.16	JIM CLEMMONS USA
5:03.83	K.VAN OVERBEEKE	NED	29.79	THIERRY CHANOINE	FRA	2:18.15	HUGO BREGMAN	NED	4:32.19	JIM MCCONICA USA
5:04.94	DAVID CARTLEDGE	GBR	29.86	PHILIPP DJANG	USA	2:21.79	KAZUHIRO OTSUKA	JPN	4:32.79	WILSON MILLS GBR
5:07.42	PETER DOIG	CAN	30.09	ISAMU SHIBAZAKI	JPN	2:23.24	MARK DRENNEN	USA	4:42.04	EDDIE RIACH GBR
5:08.07	RAY GANDY	USA	30.12	STEVE BURCHAM	GBR	2:24.39	MATTHEW KANZLER	USA	4:42.43	G.SCARAMEL ITA
5:08.73	ALBERTO PEDROTTI	ITA	100 M.	BACK		2:26.00	TIM ERICKSON	USA	4:43.09	MIKE STAMHUIS CAN
5:08.80	TOSHIYUKI SAKA	JPN	1:00.09	FRITZ LEHMAN	USA	2:27.37	GLEN CHRISTIANSEN	SWE	4:43.16	JOHN NEEDHAM USA
*****			1:01.81	WIESLAW MUSIAL	CAN	2:28.62	WIESLAW MUSIAL	CAN	4:43.52	DOUG GREEN USA
*****			1:03.26	WILLIAM SPECHT	USA	2:29.17	PHILIP ARCUNI	USA	800 M.	FREE
*****			1:03.66	PHILIPP DJANG	USA	2:29.35	PETER KAUCH	GER	9:24.76	LARRY KRAUSER USA
*****			1:03.77	SCOTT SHAKE	USA	100 M.	I.M.		9:28.51	JIM CLEMMONS USA
50 M.	FREE		1:03.94	HUGO BREGMAN	NED	1:02.20	GREGORY OXLEY	USA	9:31.18	SCOTT LAUTMAN USA
24.09	BRENT BARNES	JPN	1:05.16	STEVE BURCHAM	GBR	1:03.92	TOM REUDY	USA	9:44.39	DOUG GREEN USA
24.73	BILL SHERMAN	USA	1:05.77	PHILIP ARCUNI	USA	1:04.25	JACK GROSELLE	USA	9:47.58	DAVE DICKSON CAN
24.82	GREGORY OXLEY	USA	1:06.40	K.FUKIDOME	JPN	1:04.42	GLEN CHRISTIANSEN	SWE	9:50.28	JOHN NEEDHAM CAN
25.10	RICK ABBOTT	USA	1:07.16	JONATHAN KLEIN	USA	1:04.75	ALAN GODFREY	USA	9:54.93	LEE MENCH USA
25.31	ROLAND WENDEL	GER	200 M.	BACK		1:04.96	UWE KUSSATZ	GER	9:55.94	J.CLAUDE CHATARD FRA
25.34	JOHN VAN BUUREN	CAN	2:12.10	WIESLAW MUSIAL	CAN	1:05.13	RONNY OLTNER	SWE	9:56.00	PETER RAE GBR
25.34	KIRK KOZLOWSKI	USA	2:13.36	FRITZ LEHMAN	USA	1:05.13	ALEXEI ZVEREV	GER	9:57.64	WILLIAM REEVES USA
25.42	JOHN STACPOOLE	AUS	2:16.48	JAMES BALLARD	USA	1:05.32	BRETT PHILLIPS	USA	1500 M.	FREE
25.46	GARY SCHATZ	USA	2:17.71	WILLIAM SPECHT	USA	1:05.41	FRITZ LEHMAN	USA	17:48.71	LARRY KRAUSER USA
25.52	PETER NOCKE	GER	2:19.21	ALAN GODFREY	USA	200 M.	I.M.		17:53.99	JIM CLEMMONS USA
100 M.	FREE		2:21.34	PHILIPP DJANG	USA	2:18.75	GREGORY OXLEY	USA	18:29.40	LEE MENCH USA
53.80	BRENT BARNES	JPN	2:22.91	HUGO BREGMAN	NED	2:21.99	WIESLAW MUSIAL	CAN	18:36.79	BILL PENN USA
54.34	JACK GROSELLE	USA	2:23.99	PHILIP ARCUNI	USA	2:22.87	THOMAS BOYD	USA	18:41.31	JOHN NEEDHAM USA
55.18	RICK ABBOTT	USA	2:24.05	THOMAS BLISS	USA	2:23.02	HUGO BREGMAN	NED	18:50.00	G.SCARAMEL ITA
55.18	BILL SHERMAN	USA	2:24.65	SHIGERU HIRAOKA	JPN	2:23.20	MATT CLARK	USA	18:56.40	DAVID OWEN USA
55.45	GREGORY OXLEY	USA	50 M.	BRST		2:23.32	PAT ALLENDER	USA	19:02.12	DAVID DAVENPORT GBR
55.74	ROLAND WENDEL	GER	30.32	GLEN CHRISTIANSEN	SWE	2:23.63	UWE KUSSATZ	GER	19:04.04	WILLIAM REEVES USA
56.10	ALEXEI ZVEREV	GER	30.83	GREGORY OXLEY	USA	2:23.71	RONNY OLTNER	SWE	19:08.56	FRANK THOMPSON USA
56.70	FABRIZIO GRIFFO	ITA	31.27	RONNY OLTNER	SWE	2:23.73	ANDREW DEWEY	USA	50 M.	BACK
56.73	PETER WORLAND	USA	31.32	GERHARD AMMER	GER	2:24.24	THOMAS BLISS	USA	29.49	V.GALAVTINE FRA

World Masters Top 10 SCM (25 M)

29.84	MARK PUGLIESE	USA	1:04.16	TOM GEIMAN	USA	2:17.80	JAMES MCCLEERY	USA	1:18.36	DAVID UGARKOVICH	USA
30.61	ROB WEYHENKE	NED	1:04.90	ROB WEYHENKE	NED	400 M.	FREE		1:18.75	ROD CARGILL	USA
30.69	TAKEO HIRAMOTO	JPN	1:05.18	JOHN MARCH	CAN	4:28.73	TOD SPIEKER	USA	1:19.59	SEIKO OKAZAKI	JPN
30.81	JOHN MARCH	CAN	2:00 M.	FLY		4:43.97	DAVID GRAY	USA	1:20.07	YOSHITADA MAEDA	JPN
30.93	CHRISTOPHER BROWN	GBR	2:18.69	SCOTT LAUTMAN	USA	4:45.45	DUNCAN MCCREADIE	GBR	1:20.10	P.NANNI	ITA
31.00	EDDIE RIACH	GBR	2:20.26	GREG SHAW	USA	4:49.06	D.UIJTENBOGAART	NED	1:20.30	OSAMU MAEDA	JPN
31.17	GREG SHAW	USA	2:20.86	JIM OCONNOR	USA	4:49.29	JAY PLATT	USA	200 M.	BRST	
31.24	SHUNJI NAGAHAMA	JPN	2:25.28	TAKEO HIRAMOTO	JPN	4:50.79	JAMES MCCLEERY	USA	2:43.54	ROBERT STRAND	USA
31.30	JOHN SPIRE	USA	2:29.15	WILLIAM REEVES	USA	4:54.32	ANDY WILSON	GBR	2:50.29	DANIEL ROGACKI	USA
100 M.	BACK		2:29.69	DAVE DICKSON	CAN	5:00.01	IVAN MYALL	GBR	2:55.22	PAUL WYATT	AUS
1:04.14	V.GALAVTINE	FRA	2:30.49	JOHN MCCALL	USA	5:00.02	FRANK HESBACHER	GER	2:56.25	SHOJI YAMASHITA	JPN
1:05.06	JOHN MARCH	CAN	2:31.90	JIM CLEMMONS	USA	5:03.85	H.HARBRECHT	GER	2:56.34	D.UIJTENBOGAART	NED
1:05.16	MARK PUGLIESE	USA	2:39.63	HERBERT BLOCH	GER	800 M.	FREE		2:57.30	DAVID UGARKOVICH	USA
1:06.57	ROB WEYHENKE	NED	2:40.03	FRANCO ARALDI	ITA	9:13.15	TOD SPIEKER	USA	2:58.25	P.NANNI	ITA
1:08.42	KEVIN MCCORMACK	USA	100 M.	I.M.		9:55.81	D.UIJTENBOGAART	NED	2:58.74	ROD CARGILL	USA
1:08.44	TAKEO HIRAMOTO	JPN	1:03.75	GREG SHAW	USA	9:57.04	DUNCAN MCCREADIE	GBR	2:59.88	ROLF TEGBACK	SWE
1:08.90	ROBERT LAWTON	USA	1:04.98	ROB WEYHENKE	NED	9:58.47	JAMES MCCLEERY	USA	2:59.94	ALBERTO SICA	ITA
1:09.06	GEORGE SCHMIDT	USA	1:05.59	RICHARD GARRETT	USA	10:00.01	ANDY WILSON	GBR	50 M.	FLY	
1:09.32	LARRY KRAUSER	USA	1:05.62	BRUCE ROBERTSON	CAN	10:07.08	FRANK MCLEROY	USA	28.48	RICH ABRAHAMS	USA
1:09.36	PETER O'BRIEN	CAN	1:05.91	MARK PUGLIESE	USA	10:20.07	JAY PLATT	USA	29.02	JOEL BURNS	USA
200 M.	BACK		1:06.42	JURGEN KONNEKER	GER	10:30.32	BRIAN MURPHY	USA	29.12	JOSEP CLARET	ESP
2:22.81	JOHN MARCH	CAN	1:06.51	LEONARD BIELICZ	SWE	10:39.95	JEAN CLAUDE FAURE	FRA	29.17	JIM DRAGON	USA
2:24.24	JIM MCCONICA	USA	1:06.60	GEORGE SCHMIDT	USA	10:45.70	PATRICK CARTON	FRA	29.28	SHIGEO ASANO	JPN
2:25.53	ROB WEYHENKE	NED	1:06.74	TAKEO HIRAMOTO	JPN	1500 M.	FREE		29.47	DANIEL ROGACKI	USA
2:25.53	MARK PUGLIESE	USA	1:06.80	LARRY KRAUSER	USA	17:35.21	TOD SPIEKER	USA	29.74	MICHAEL SLENKER	USA
2:26.88	EDDIE RIACH	GBR	200 M.	I.M.		18:32.62	D.UIJTENBOGAART	NED	30.30	ERIC HENDERSON	USA
2:30.35	TIMOTHY SHEAD	USA	2:20.35	GREG SHAW	USA	18:51.69	JAMES MCCLEERY	USA	30.46	HUGH WILDER	GBR
2:31.09	LARRY KRAUSER	USA	2:22.11	ROB WEYHENKE	NED	19:15.97	DAVID GRAY	USA	30.49	PETER PRIJDEKKER	GBR
2:31.42	ALAIN VANACKER	FRA	2:24.51	TIMOTHY SHEAD	USA	19:59.99	ANDY WILSON	GBR	100 M.	FLY	
2:32.15	GEORGE SCHMIDT	USA	2:25.24	JIM MCCONICA	USA	20:15.71	GRAHAM SHORT	GBR	1:06.10	SHIGEO ASANO	JPN
2:32.52	CHRISTOPHER BROWN	GBR	2:25.98	WILSON MILLS	GBR	20:18.89	BOB BRUCE	USA	1:08.21	JOSEP CLARET	ESP
50 M.	BRST		2:26.00	JIM CLEMMONS	USA	20:42.81	RICHARD SMITH	USA	1:09.12	DEREK PARR	GBR
32.19	TIMOTHY SHEAD	USA	2:26.03	RICHARD GARRETT	USA	20:44.20	WILLIAM CERNY	USA	1:09.50	TED LEOVICH	USA
33.16	JURGEN KONNEKER	GER	2:26.20	FRED FARLEY	USA	20:47.98	JAY PLATT	USA	1:10.01	HORST LEHMANN	GER
33.17	WILSON MILLS	GBR	2:26.92	RON ARMSTRONG	CAN	50 M.	BACK		1:10.20	DAN NATALI	USA
33.52	FRED FARLEY	USA	2:27.21	TAKEO HIRAMOTO	JPN	30.25	HUGH WILDER	USA	1:10.60	RANDY BROWN	USA
33.64	C.STARZEC	FRA	400 M.	I.M.		31.88	J.CLAUDE LESTIDEA	FRA	1:11.91	INGVAR ERIKSSON	SWE
33.64	ALLEN STARK	USA	5:05.09	GREG SHAW	USA	32.27	R TOD SPIEKER	USA	1:12.32	FRANK MCLEROY	USA
34.10	SATOSHI HAYASHI	JPN	5:06.89	JIM CLEMMONS	USA	32.47	DANIEL ROGACKI	USA	1:12.39	JON SHASTID	USA
34.11	TAKEO HIRAMOTO	JPN	5:11.33	ROB WEYHENKE	NED	32.93	JOSEPH JACKSON	GBR	200 M.	FLY	
34.18	THOMAS WHATLEY	USA	5:14.61	JOHN MCCALL	USA	33.17	ROBERT STRAND	USA	2:22.73	FRED SCHLICHER	USA
34.22	GEORGE SCHMIDT	USA	5:14.70	RON ARMSTRONG	CAN	33.62	PATRICK DEVINE	AUS	2:39.03	DAN NATALI	USA
100 M.	BRST		5:19.25	TAKEO HIRAMOTO	JPN	33.82	HANS LJUNGBERG	SWE	2:41.34	DEREK PARR	GBR
1:13.01	ROB WEYHENKE	NED	5:19.55	FRED FARLEY	USA	34.04	IVAN MYALL	GBR	2:46.66	D.UIJTENBOGAART	NED
1:14.04	C.STARZEC	FRA	5:21.75	LARRY KRAUSER	USA	34.30	JIM DRAGON	USA	2:49.05	JEAN CLAUDE FAURE	FRA
1:14.11	TAKEO HIRAMOTO	JPN	5:22.06	MIKE MORROW	CAN	100 M.	BACK		2:50.15	TSUTOMU TANAKA	JPN
1:14.50	ALLEN STARK	USA	5:22.99	WILLIAM REEVES	USA	1:06.70	HUGH WILDER	USA	2:57.80	HUBERT HEINTZ	FRA
1:14.87	FRED FARLEY	USA				1:08.48	R TOD SPIEKER	USA	2:58.57	PAUL WYATT	AUS
1:15.43	JOHN PEARSON	GBR	*****	*****		1:10.94	DANIEL ROGACKI	USA	3:00.86	RICHARD SMITH	USA
1:15.63	FRANCO ARALDI	ITA	M E N 55-59			1:12.97	IVAN MYALL	GBR	3:03.37	HENRY GREENBERG	USA
1:16.13	ROBERT BERGER	GER	*****	*****		1:13.08	J.CLAUDE LESTIDEA	FRA	100 M.	I.M.	
1:16.29	HIDEHIKO HASEGAWA	JPN	50 M.	FREE		1:13.82	HANS LJUNGBERG	SWE	1:08.45	ROBERT STRAND	USA
1:16.55	HITOSHI UESAKA	JPN	26.00	RICH ABRAHAMS	USA	1:14.57	PATRICK DEVINE	AUS	1:09.08	DANIEL ROGACKI	USA
200 M.	BRST		26.73	REINER DOBBELMANN	FRA	1:15.66	JURAJ BRANIK	CZE	1:09.65	BRUCE MOHL	USA
2:40.66	TAKEO HIRAMOTO	JPN	27.03	DANIEL ROGACKI	USA	1:15.80	DAVID UGARKOVICH	USA	1:09.77	HANS LJUNGBERG	SWE
2:43.85	CHUCK HOLUM	USA	27.03	MIKE AHERN	USA	1:16.05	SUEKI YAMAMOTO	JPN	1:09.92	SHIGEO ASANO	JPN
2:44.37	FRANCO ARALDI	ITA	27.07	PETER PRIJDEKKER	GBR	200 M.	BACK		1:10.97	LONNY HARRISON	USA
2:45.29	JIM CLEMMONS	USA	27.09	GORDON BLACK	CAN	2:21.80	TOD SPIEKER	USA	1:11.11	BRUCE SUTHERLAND	CAN
2:47.15	ALLEN STARK	USA	27.15	JIM DRAGON	USA	2:32.14	HUGH WILDER	USA	1:11.88	MIKE AHERN	USA
2:47.21	JOHN MCCALL	USA	27.22	KATSUTAKA IZUMI	JPN	2:37.01	IVAN MYALL	GBR	1:11.91	PATRICK DEVINE	AUS
2:47.25	C.STARZEC	FRA	27.23	H.HARBRECHT	GER	2:43.55	DANIEL ROGACKI	USA	1:11.93	DAVID UGARKOVICH	USA
2:47.74	HERBERT BLOCH	GER	27.23	JON SHASTID	USA	2:43.94	KURT FREI	SUI	200 M.	I.M.	
2:47.88	ROBERT BROWN	USA	100 M.	FREE		2:44.82	J.CLAUDE LESTIDEA	FRA	2:27.94	FRED SCHLICHER	USA
2:48.00	JOHN DERR	USA	59.51	DANIEL ROGACKI	USA	2:46.61	P.NANNI	ITA	2:32.33	DANIEL ROGACKI	USA
50 M.	FLY		59.86	FRED SCHLICHER	USA	2:46.73	D.UIJTENBOGAART	NED	2:32.53	R TOD SPIEKER	USA
26.79	GREG SHAW	USA	1:00.52	DUNCAN MCCREADIE	GBR	2:47.69	DUNCAN MCCREADIE	GBR	2:34.76	DUNCAN MCCREADIE	GBR
27.62	MARK PUGLIESE	USA	1:00.60	PETER PRIJDEKKER	GBR	2:48.19	FRANCIS CLARK	GBR	2:35.94	SHIGEO ASANO	JPN
27.63	V.GALAVTINE	FRA	1:00.68	DIETER SEIFERT	GER	50 M.	BRST		2:35.94	BRUCE MOHL	USA
27.69	LEONARD BIELICZ	SWE	1:00.74	FRANK HESBACHER	GER	33.59	ROBERT STRAND	USA	2:36.28	HANS LJUNGBERG	SWE
27.69	KEVIN MCCORMACK	USA	1:00.88	H.HARBRECHT	GER	34.06	JOHN LIRON	GBR	2:38.70	TED LEOVICH	USA
27.93	TOM GEIMAN	USA	1:01.04	TOM MEEHAN	USA	34.41	DANIEL ROGACKI	USA	2:39.81	D.UIJTENBOGAART	NED
28.13	JOHN MCCALL	USA	1:01.10	HANS LJUNGBERG	SWE	35.05	JIM DRAGON	USA	2:39.81	JAMES MCCLEERY	USA
28.16	DAVE DICKSON	CAN	1:01.22	RICH ABRAHAMS	USA	35.06	ROD CARGILL	USA	400 M.	I.M.	
28.16	BRUCE ROBERTSON	CAN	200 M.	FREE		35.10	HERBERT GRUBER	GER	5:13.29	R TOD SPIEKER	USA
28.25	JIM OCONNOR	USA	2:06.20	TOD SPIEKER	USA	35.15	DIERER HOPFEL	GER	5:31.34	DANIEL ROGACKI	USA
100 M.	FLY		2:12.62	DUNCAN MCCREADIE	GBR	35.19	SCOTT GUTHRIE	USA	5:32.62	D.UIJTENBOGAART	NED
1:00.08	JOHN MCCALL	USA	2:14.30	DAVID GRAY	USA	35.35	OSAMU MAEDA	JPN	5:42.20	TED LEOVICH	USA
1:00.48	GREG SHAW	USA	2:15.90	FRANK HESBACHER	GER	35.41	HIROSHI ROKUUMA	JPN	5:48.85	ANDY WILSON	GBR
1:02.28	LEONARD BIELICZ	SWE	2:16.37	PETER PRIJDEKKER	GBR	100 M.	BRST		5:49.53	SHIGEO ASANO	JPN
1:02.49	DAVE DICKSON	CAN	2:17.33	STEVE JOHNSON	USA	1:15.33	ROBERT STRAND	USA	5:51.09	BRUCE SUTHERLAND	CAN
1:02.74	SCOTT LAUTMAN	USA	2:17.43	BRUCE MOHL	USA	1:17.26	DANIEL ROGACKI	USA	5:55.57	P.NANNI	ITA
1:02.93	KEVIN MCCORMACK	USA	2:17.54	D.UIJTENBOGAART	NED	1:17.38	GARY PARLAPIANO	USA	5:55.92	RICHARD SMITH	USA
1:03.02	JIM OCONNOR	USA	2:17.58	H.HARBRECHT	GER	1:18.35	BRUCE MOHL	USA	5:56.42	GRAHAM SHORT	GBR

World Masters Top 10 SCM (25 M)

*****		1:09.43	ROBERT SMITH	USA	3:08.99	SERGIO FORMENTI	ITA	5:47.91	T. KUNITOMI	JPN
*****		1:13.91	LUCIEN GAUCHE	FRA	3:09.69	R LLOYD-MOSTYN	GBR	800 M.	FREE	
*****		1:14.75	EDWARD CAZALET	USA	3:11.08	COLIN MAYRHOFER	AUS	10:56.30	FABRIZIO MOMONI	ITA
*****		1:15.65	LUIZ F.FIGUEIREDO	BRA	100 M.	I.M.		11:14.72	RAFAEL PEREZ	ESP
*****		1:16.06	BERND HORSTMANN	GER	1:09.39	ROBERT SMITH	USA	11:15.54	ERNIE LESKOVITZ	USA
*****		1:16.50	BILL RUPERT	USA	1:11.21	GERSHON SHEFA	ISR	11:34.78	HANS LINDSTROM	SWE
*****		1:17.55	FRANS VAN ENST	NED	1:11.25	RICHARD BURNS	USA	11:35.85	DAVE RADCLIFF	USA
*****		1:17.79	MICHAEL MEALIFFE	USA	1:11.82	KOJI IWAMOTO	JPN	11:47.12	CYRIL THOMAS	GBR
*****		1:17.83	ERIK LOKENSGARD	USA	1:12.36	EDWARD CAZALET	USA	12:09.32	NIC GEERS	NED
*****		2:00 M.	BACK		1:14.04	DIETER SEIFERT	GER	12:10.01	JEAN CAZENEUVE	FRA
*****		2:34.17	RICHARD BURNS	USA	1:14.08	HIROSHI NONAKA	JPN	12:13.03	BERND REHBEIN	GER
*****		2:36.88	EDWARD CAZALET	USA	1:14.26	BERND SCHRODER	GER	12:14.82	HANS SCHMID	SUI
*****		2:37.11	DON MCINTOSH	USA	1:14.66	PETE ANDERSEN	USA	1500 M.	FREE	
*****		2:43.58	LUCIEN GAUCHE	FRA	1:14.71	MIKE FRESHLEY	USA	20:49.25	ERNIE LESKOVITZ	USA
*****		2:46.72	BERND HORSTMANN	GER	200 M.	I.M.		20:56.70	FABRIZIO MOMONI	ITA
*****		2:48.13	CHRIS STEVENSON	CAN	2:35.95	EDWARD CAZALET	USA	21:50.02	DAVE RADCLIFF	USA
*****		2:49.90	L.FELIPPE FIGUEIR	BRA	2:37.14	GERSHON SHEFA	ISR	22:24.30	JOHN PUGH	AUS
*****		2:50.52	FRANS VAN ENST	NED	2:42.86	KOJI IWAMOTO	JPN	22:52.69	NIC GEERS	NED
*****		2:52.50	LARRY RAFFAELLI	USA	2:45.22	SANDY GALLETLY	GBR	22:54.80	MARTY MENNEN	USA
*****		2:53.34	TONY CHERRINGTON	GBR	2:45.56	VITTORIO ERMIRIO	ITA	23:33.98	JOHN STARR	GBR
*****		50 M.	BRST		2:47.54	TADASHI IWAMOTO	JPN	23:54.28	HANS LINDSTROM	SWE
*****		33.71	PETER ANDERSEN	USA	2:47.57	MIKE FRESHLEY	USA	23:55.77	BRENT LAKE	USA
*****		34.24	GERSHON SHEFA	ISR	2:50.44	TONY CHERRINGTON	GBR	23:58.79	BARRY FASBENDER	USA
*****		34.99	DAVID GILDEA	USA	2:52.19	HIROSHI NONAKA	JPN	50 M.	BACK	
*****		35.59	ROBERT SMITH	USA	2:53.71	KLAUS KATZUR	GER	35.47	PETER BERGENGREN	SWE
*****		36.16	SYLVIO RIBEIRO	BRA	400 M.	I.M.		35.64	DAVID MCINTYRE	USA
*****		36.77	EGON HENNINGER	GER	5:34.43	EDWARD CAZALET	USA	36.62	ERIC FORSLUND	SWE
*****		36.83	BRYAN FINLAY	CAN	5:52.21	BARRY YOUNG	NZL	36.68	KOICHI SATO	JPN
*****		36.99	PETER KUNZE	GER	6:02.06	HELMUT BEER	GER	36.94	TOM VERTH	CAN
*****		37.07	MASATERU ISA	JPN	6:15.83	MIKE FRESHLEY	USA	36.95	IKURO SHIMONO	JPN
*****		37.09	CHRISTOPHER JONE	GBR	6:16.09	TOM LANDIS	USA	37.71	PETER BAUCH	GER
*****		100 M.	BRST		6:17.54	ROB HANOU	NED	37.78	PETER WEDLER	GER
*****		1:16.56	PETER ANDERSEN	USA	6:23.24	KARL ODKOLEK	GER	37.99	MOTOHISA HIROSE	JPN
*****		1:16.89	DAVID GILDEA	USA	6:26.04	BRYAN FINLAY	CAN	38.10	TAKAHIRO IIKO	JPN
*****		1:17.97	GERSHON SHEFA	ISR	6:27.04	MURRAY MC LACHLAN	USA	100 M.	BACK	
*****		1:20.10	SYLVIO RIBEIRO	BRA	6:29.35	P.WERMELSKIRCHEN	GER	1:21.86	TOM VERTH	CAN
*****		1:20.77	RAINER OPITZ	GER				1:22.75	MARTY MENNEN	USA
*****		1:22.02	MATTHIAS KRONER	SWE	*****			1:23.30	E.NODENSCHNEIDER	FRA
*****		1:22.28	ERIK HAITES	CAN		M E N 65-69		1:23.61	PETER WEDLER	GER
*****		1:22.81	SEBASTIEN DINANE	FRA	*****			1:25.32	BILL DYKSTRA	USA
*****		1:23.04	TEYZE HARASZTI	USA	50 M.	FREE		1:25.60	PETER BAUCH	GER
*****		1:23.05	BRYAN FINLAY	CAN	27.80	PETER BERGENGREN	SWE	1:25.61	PETER BERGENGREN	SWE
*****		200 M.	BRST		28.84	CAV CAVANAUGH	USA	1:25.90	NIC GEERS	NED
*****		2:53.21	DAVID GILDEA	USA	29.46	DAVID MCINTYRE	USA	1:26.43	BRENT LAKE	USA
*****		2:53.65	PETER ANDERSEN	USA	29.60	CAMFRED BONICKE	GER	1:26.51	TOM WALKER	GBR
*****		2:57.59	RAINER OPITZ	GER	29.87	BOB BAILIE	USA	200 M.	BACK	
*****		2:59.75	TEYZE HARASZTI	USA	30.04	MASATO YOSHINO	JPN	2:57.47	E.NODENSCHNEIDER	FRA
*****		3:46.29	PAUL CLARKE	GBR	30.13	TOM VERTH	CAN	3:02.28	MARTY MENNEN	USA
*****		3:01.41	ROB HANOU	NED	30.26	CHARLES THOMANN	FRA	3:03.21	GUNTER BEILSTEIN	GER
*****		3:03.87	HELMUT BEER	GER	30.43	STEVE MOSELEY	USA	3:03.45	TOM WALKER	GBR
*****		3:04.37	BRYAN FINLAY	CAN	30.58	MASAMI TATEISHI	JPN	3:07.11	NIC GEERS	NED
*****		3:05.68	MASARU SHINKAI	JPN	100 M.	FREE		3:07.92	STEVE MOSELEY	USA
*****		3:05.75	MIKE FRESHLEY	USA	1:02.24	PETER BERGENGREN	SWE	3:08.69	BILL DYKSTRA	USA
*****		50 M.	FLY		1:04.38	CAV CAVANAUGH	USA	3:09.21	BRENT LAKE	USA
*****		30.02	KOJI IWAMOTO	JPN	1:05.80	MASATO YOSHINO	JPN	3:11.43	HERMANN OSTERLOH	GER
*****		30.30	ROBERT SMITH	USA	1:06.28	CHARLES THOMANN	FRA	3:14.87	JOHN CONVEY	CAN
*****		30.40	ROBERT POILETMAN	USA	1:06.30	KAZUYA NISHINO	JPN	50 M.	BRST	
*****		30.57	AKIRA TAKAKURA	JPN	1:07.73	JERRY CLARK	USA	36.92	BERND WUNSCH	GER
*****		30.57	RICHARD BURNS	USA	1:07.88	BOB BAILIE	USA	37.78	YOSHIKI AOKI	JPN
*****		30.68	TOMOYASU IIDA	JPN	1:08.36	NIC GEERS	NED	37.88	RINALDO FERREIRA	BRA
*****		30.99	IAN SMITH	CAN	1:08.82	TOM VERTH	CAN	37.91	WERNER GOTTSCHALK	GER
*****		31.06	CHITOSHI KONISHI	JPN	1:08.96	STEVE MOSELEY	USA	37.93	GUNTER SCHMAH	GER
*****		31.12	YASUTAKA KOIKE	JPN	200 M.	FREE		38.16	HIROSHI KOTEGAWA	JPN
*****		31.55	MICHAEL MEALIFFE	USA	2:25.89	KAZUYA NISHINO	JPN	38.19	TETSUO NAKAMARU	JPN
*****		100 M.	FLY		2:27.02	CAV CAVANAUGH	USA	38.20	BELA SANDOR	USA
*****		1:06.74	ROBERT POILETMAN	USA	2:27.12	FABRIZIO MOMONI	ITA	38.30	BILL MOORE	GBR
*****		1:08.33	DON MCINTOSH	USA	2:29.21	MASATO YOSHINO	JPN	38.54	KARL-HEINZ SCHROD	GER
*****		1:08.35	KOJI IWAMOTO	JPN	2:30.55	NIC GEERS	NED	38.54	PETER BELL	CAN
*****		1:11.36	BERND SCHRODER	GER	2:33.08	ERNIE LESKOVITZ	USA	100 M.	BRST	
*****		1:12.03	TOMOYASU IIDA	JPN	2:33.62	N.MIYAMOTO	JPN	1:21.55	BERND WUNSCH	GER
*****		1:13.16	CHITOSHI KONISHI	JPN	2:35.55	CHARLES THOMANN	FRA	1:22.39	YOSHIKI AOKI	JPN
*****		1:13.80	RUDOLF SMERDA	CZE	2:36.71	JERRY CLARK	USA	1:22.79	HANS REICHEL	GER
*****		1:14.12	YASUTAKA KOIKE	JPN	2:38.25	DREN GEER	USA	1:23.85	GUNTER SCHMAH	GER
*****		1:14.43	HELMUT BEER	GER	400 M.	FREE		1:23.94	TETSUO NAKAMARU	JPN
*****		1:14.55	JOACHIM HINTZE	GER	5:06.60	FABRIZIO MOMONI	ITA	1:25.08	TONY GOODWIN	AUS
*****		200 M.	FLY		5:16.13	RAFAEL PEREZ	ESP	1:25.59	PETER BELL	CAN
*****		2:34.65	ROBERT POILETMAN	USA	5:17.17	NIC GEERS	NED	1:26.55	RYOJI ABE	JPN
*****		2:40.31	KOJI IWAMOTO	JPN	5:22.68	CAV CAVANAUGH	USA	1:26.61	TOM WALKER	GBR
*****		2:51.76	BARRY YOUNG	NZL	5:27.97	ERNIE LESKOVITZ	USA	1:26.64	KAZUYA NISHINO	JPN
*****		2:52.60	YASUTAKA KOIKE	JPN	5:43.83	CYRIL THOMAS	GBR	200 M.	BRST	
*****		2:58.35	W. GRONKI	GER	5:43.97	DAVID RADCLIFF	USA	3:01.83	YOSHIKI AOKI	JPN
*****		3:03.21	TAISUKE MIYAZAKI	JPN	5:45.47	N.MIYAMOTO	JPN	3:03.76	HANS REICHEL	GER
*****		3:03.48	ROB HANOU	NED	5:46.80	JERRY CLARK	USA	3:07.25	BERND WUNSCH	GER

World Masters Top 10 SCM (25 M)

3:07.92	PETER BELL	CAN	30.87	ANDREW REID	GBR	2:51.24	BURWELL JONES	USA	1:26.91	ALAN RAPPERPORT	USA
3:08.63	GUNTER SCHMAH	GER	31.46	JOHN GRAVE	CAN	2:53.22	S.SEKIKAWA	JPN	1:27.70	WALTER LINCOLN	USA
3:08.68	TOM WALKER	GBR	31.55	MASAYASU KAMIYA	JPN	2:53.59	YOSHI OYAKAWA	USA	1:27.98	YOSHINO KAMEI	JPN
3:13.33	KAZUYA NISHINO	JPN	31.83	RUDI VAN ESS	GER	2:58.91	MAMPEI SEINO	JPN	1:28.15	ARTHUR INGLIS	CAN
3:14.40	MAURICE DEMESSINE	FRA	31.89	KIYOJI AMANO	JPN	3:11.14	ALAN RAPPERPORT	USA	200 M.	I.M.	
3:14.50	CLAUDIO NEGRI	ITA	100 M.	FREE		3:11.79	GRAHAM JOHNSTON	USA	2:51.73	BURWELL JONES	USA
3:14.73	HARTMUT LEMCKE	GER	1:09.61	SHINGO YAMAMOTO	JPN	3:11.84	CLARKE MITCHELL	USA	3:08.94	MASAYASU KAMIYA	JPN
50 M.	FLY		1:09.77	BURWELL JONES	USA	3:14.15	ROBERT MAYO	USA	3:10.73	TSUTOMU KAJIHARA	JPN
30.71	BERT PETERSEN	USA	1:11.14	BO AMNELL	SWE	3:14.73	HORACE KNOWLTON	USA	3:13.68	GRAHAM JOHNSTON	USA
31.27	PETER BERGENGREN	SWE	1:11.41	GRAHAM JOHNSTON	USA	3:14.76	ARTHUR INGLIS	CAN	3:13.72	BOB BEST	USA
32.79	HIROSHI MATSUMOTO	JPN	1:11.47	ANDREW REID	GBR	50 M.	BRST		3:15.39	ALAN RAPPERPORT	USA
32.82	KAZUYA NISHINO	JPN	1:12.07	BORIS KAZ	CAN	39.55	RON JOHNSON	USA	3:16.01	JOSEF KREJCI	SUI
33.31	TOM VERTH	CAN	1:12.11	JOHN RIES	USA	39.78	SHUNSAKU TAKAHIRA	JPN	3:19.90	HERB KERN	USA
33.46	DAVID CUMMING	GBR	1:12.30	MASAYASU KAMIYA	JPN	39.85	TSUTOMU KAJIHARA	JPN	3:22.05	ARTHUR INGLIS	CAN
33.50	BOB BAILIE	USA	1:12.64	KIYOJI AMANO	JPN	40.10	VITEZSLAV SVOZIL	CZE	3:24.33	JORG FAUST	GER
33.62	WOLFGANG SIEBER	GER	1:12.78	ALAN RAPPERPORT	USA	40.80	ANDREW REID	USA	400 M.	I.M.	
33.66	CAV CAVANAUGH	USA	200 M.	FREE		40.93	KIJIRO TAKEGAKI	JPN	6:21.46	BURWELL JONES	USA
33.76	MANFRED BONICKE	GER	2:37.68	GRAHAM JOHNSTON	USA	40.94	BOB BEST	USA	7:01.81	BOB BEST	USA
100 M.	FLY		2:42.64	SHINGO YAMAMOTO	JPN	41.24	MAMORU TANAKA	JPN	7:11.51	ALAN RAPPERPORT	USA
1:13.32	BERT PETERSEN	USA	2:45.99	FUMIO EGAMI	JPN	41.26	ERIVALDO LIMA	BRA	7:16.87	MASAYASU KAMIYA	JPN
1:16.63	DAVID CUMMING	GBR	2:46.49	KIYOJI AMANO	JPN	41.33	LENNART BROCK	SWE	7:18.08	JORG FAUST	GER
1:17.00	LUIS RICARDO SIMI	BRA	2:48.15	MASAYASU KAMIYA	JPN	100 M.	BRST		7:29.10	SEYMOUR BANNING	GBR
1:18.48	WOLFGANG SIEBER	GER	2:48.46	ALAN RAPPERPORT	USA	1:25.11	RON JOHNSON	USA	7:29.54	PATRICK GALVIN	AUS
1:18.82	PETER BERGENGREN	SWE	2:48.75	JOSEF KREJCI	SUI	1:27.58	SHUNSAKU TAKAHIRA	JPN	7:35.19	C WEATHERBEE	USA
1:19.68	GENICHI IGARASHI	JPN	2:48.94	ROBERT MAYO	USA	1:28.76	TSUTOMU KAJIHARA	JPN	7:36.01	CHRISTOPHER SMITH	CAN
1:20.51	ERNIE LESKOVITZ	USA	2:50.08	KAZUO OTA	JPN	1:31.90	VITEZSLAV SVOZIL	CZE	7:42.43	HORACE KNOWLTON	USA
1:21.10	TADAHIKO SAKATANI	JPN	2:51.11	PETER TUCKER	GBR	1:32.40	BOB BEST	USA			
1:23.62	BARRY FASBENDER	USA	400 M.	FREE		1:33.39	JOHN KORTHEUER	USA	*****		
1:24.28	RAFAEL PEREZ	ESP	5:15.88	BURWELL JONES	USA	1:33.61	IWAO NARUSE	JPN	M E N 75-79		
200 M.	FLY		5:46.17	GRAHAM JOHNSTON	USA	1:33.63	ERIVALDO LIMA	BRA	*****		
3:04.04	DAVID CUMMING	GBR	6:06.29	KIYOJI AMANO	JPN	1:33.64	JORG FAUST	GER	50 M.	FREE	
3:20.24	NIC GEERS	NED	6:06.76	ALAN RAPPERPORT	USA	1:35.28	TAKAO OKAMOTO	JPN	32.20	TAKAHIKO NOMA	JPN
3:20.53	TADAHIKO SAKATANI	JPN	6:09.96	ROBERT MAYO	USA	200 M.	BRST		32.26	FRANK PIEMME	USA
3:21.15	GUNTER SCHMAH	GER	6:12.94	KAZUO OTA	JPN	3:12.98	RON JOHNSON	USA	33.12	SHOICHI SHIDA	JPN
3:21.41	RAFAEL PEREZ	ESP	6:13.00	KATSURA SUZUKI	JPN	3:14.66	TSUTOMU KAJIHARA	JPN	33.38	ZENJI NAKAHARI	JPN
3:23.18	BARRY FASBENDER	USA	6:13.09	PETER TUCKER	GBR	3:21.51	SHUNSAKU TAKAHIRA	JPN	34.11	TOSHIMI INATOMI	JPN
3:27.37	A EMORY HAWORTH	USA	6:13.23	MASAYASU KAMIYA	JPN	3:26.06	ERIVALDO LIMA	BRA	34.14	HIROSHI YAMAZAKI	JPN
3:28.23	PAUL ALVAREZ	GBR	6:13.91	FRED LEHMAN	USA	3:31.70	VITEZSLAV SVOZIL	CZE	34.14	TOSHIO SHIMIZU	JPN
3:28.29	DREN GEER	USA	800 M.	FREE		3:31.83	JORG FAUST	GER	34.30	TAMON YOSHIDA	JPN
3:28.79	NEIL TASKER	GBR	11:04.91	GRAHAM JOHNSTON	USA	3:31.91	TAKAO OKAMOTO	JPN	34.39	MINORU NAGASHIMA	JPN
100 M.	I.M.		12:40.71	ALAN RAPPERPORT	USA	3:32.16	ERICH NEUMANN	GER	34.53	ALLEN MILES	GBR
1:15.44	PETER BERGENGREN	SWE	12:55.61	BILL KING	USA	3:33.84	IWAO NARUSE	JPN	100 M.	FREE	
1:17.24	STANLEY CLARKE	GBR	12:56.50	GEORGE MILNE	CAN	3:36.29	NOBORU UMEHARA	JPN	1:14.44	SHOICHI SHIDA	JPN
1:18.49	HANS REICHEL	GER	12:56.62	FRED LEHMAN	USA	50 M.	FLY		1:17.04	FRANK PIEMME	USA
1:20.79	TOM VERTH	CAN	13:13.68	MASAYASU KAMIYA	JPN	33.12	RON JOHNSON	USA	1:17.19	HIROSHI YAMAZAKI	JPN
1:21.16	GENICHI IGARASHI	JPN	13:18.52	CHRISTOPHER SMITH	CAN	35.28	TSUTOMU KAJIHARA	JPN	1:17.62	TOSHIO SHIMIZU	JPN
1:21.90	CAV CAVANAUGH	USA	13:23.82	KEN KIMBALL	USA	35.32	TAKASHI HAYASHI	JPN	1:18.02	HIROSHI YOSHIMURA	JPN
1:21.97	N.MIYAMOTO	JPN	13:25.83	ARTHUR INGLIS	CAN	35.64	MASAYASU KAMIYA	JPN	1:19.87	MINORU NAGASHIMA	JPN
1:22.19	NIC GEERS	NED	13:26.87	BO AMNELL	SWE	35.78	HERB KERN	USA	1:19.91	KARL HAUTER	GER
1:22.45	ITARU KOJIMA	JPN	1500 M.	FREE		35.90	ALDO EMINENTE	FRA	1:20.59	ALLEN MILES	GBR
1:22.66	HARALD BESTIAN	GER	22:59.72	GRAHAM JOHNSTON	USA	36.68	SEYMOUR BANNING	GBR	1:20.64	TOSHIMI INATOMI	JPN
200 M.	I.M.		24:20.93	ROBERT MAYO	USA	36.71	HEINZ KRAUSS	GER	1:21.76	JIRO KOBAYASHI	JPN
2:57.48	TAKESHI KOBAYASHI	JPN	24:22.90	KIYOJI AMANO	JPN	36.88	JOJI OSHIMA	JPN	200 M.	FREE	
2:58.47	PETER BERGENGREN	SWE	24:39.77	FRED LEHMAN	USA	37.33	BURWELL JONES	USA	2:48.26	HIROSHI YOSHIMURA	JPN
3:02.32	GUNTER BEILSTEIN	GER	24:59.00	BILL KING	USA	100 M.	FLY		3:00.37	TOSHIO SHIMIZU	JPN
3:02.41	NIC GEERS	NED	25:00.82	MASAYASU KAMIYA	JPN	1:20.54	RON JOHNSON	USA	3:00.97	HIROSHI YAMAZAKI	JPN
3:04.55	N.MIYAMOTO	JPN	25:06.74	PETER TUCKER	GBR	1:22.84	TAKASHI HAYASHI	JPN	3:01.73	FRANK PIEMME	USA
3:05.74	DICK PETERSON	USA	25:16.47	CHRISTOPHER SMITH	CAN	1:25.24	SEYMOUR BANNING	GBR	3:03.86	HIROSHI IMAIZUMI	JPN
3:06.59	BERND WUNSCH	GER	25:37.23	MARIYAN STPETIC	CAN	1:27.73	MASAYASU KAMIYA	JPN	3:04.52	JIRO KOBAYASHI	JPN
3:06.60	CHARLES THOMANN	FRA	25:40.15	MYRON LOCKEY	USA	1:30.17	HERB KERN	USA	3:06.66	ROD BAKER	AUS
3:06.65	E.NODENSCHNEIDER	FRA	50 M.	BACK		1:35.34	CURT ZEISS	GER	3:07.19	TOSHIMI INATOMI	JPN
3:09.04	ERNIE LESKOVITZ	USA	33.90	YOSHI OYAKAWA	USA	1:35.35	TAKASHI SATO	JPN	3:08.80	TORU KIMURA	JPN
400 M.	I.M.		35.44	S.SEKIKAWA	JPN	1:35.39	TOSHIMASA MINAMI	JPN	3:11.17	DUANE DRAVES	USA
6:28.92	GUNTER BEILSTEIN	GER	36.25	BURWELL JONES	USA	1:35.50	ERIVALDO LIMA	BRA	400 M.	FREE	
6:42.77	ERNIE LESKOVITZ	USA	37.00	RON JOHNSON	USA	1:39.34	JORG FAUST	GER	6:24.06	FRANK PIEMME	USA
6:46.79	NIC GEERS	NED	37.06	MAMPEI SEINO	JPN	200 M.	FLY		6:30.09	TOSHIO SHIMIZU	JPN
6:50.56	DICK PETERSON	USA	38.05	CLARKE MITCHELL	USA	3:08.60	TAKASHI HAYASHI	JPN	6:42.65	GERHARD GROSSER	GER
6:52.52	DAVID PAINTER	USA	38.33	MINORU UEMURA	JPN	3:22.72	SEYMOUR BANNING	GBR	6:42.70	DOMENICO CASOLINO	ITA
6:53.23	H.MULLER	GER	38.44	ARTHUR INGLIS	CAN	3:35.71	HERB KERN	USA	6:52.20	JAN ZIEGLER	CZE
6:53.54	E.NODENSCHNEIDER	FRA	39.23	MASAYASU KAMIYA	JPN	3:46.12	MASAYASU KAMIYA	JPN	6:58.86	DUANE DRAVES	USA
6:57.78	BARTOLINI BIONDI	ITA	39.37	GEORGE GFROERER	USA	3:48.95	TOSHIMASA MINAMI	JPN	7:00.81	NOBUMASA YAMASAKI	JPN
7:01.73	BARRY FASBENDER	USA	100 M.	BACK		3:51.35	HENRI THEOLAT	FRA	7:06.18	PAUL POULAUD	FRA
7:05.54	DREN GEER	USA	1:15.85	YOSHI OYAKAWA	USA	4:09.79	CHRISTOPHER SMITH	CAN	7:08.07	FRANK SAMOYA	USA
			1:16.73	BURWELL JONES	USA	4:15.94	BILL RODGERS	USA	7:08.61	MO MATHEWS	USA
*****			1:18.73	S.SEKIKAWA	JPN	4:17.58	PAUL BEREGI	CAN	800 M.	FREE	
M E N 70-74			1:20.94	MAMPEI SEINO	JPN	4:18.18	SIDNEY SALEK	NZL	12:07.94	HIROSHI YOSHIMURA	JPN
*****			1:25.96	ROBERT MAYO	USA	100 M.	I.M.		13:25.96	FRANK PIEMME	USA
50 M.	FREE		1:25.97	CLARKE MITCHELL	USA	1:17.22	BURWELL JONES	USA	13:46.74	ED KERSWILL	USA
27.54	FRANCISCO ROIG	ESP	1:27.09	HORACE KNOWLTON	USA	1:23.76	MASAYASU KAMIYA	JPN	13:49.21	HARVEY PROSSER	USA
28.55	RON JOHNSON	USA	1:27.53	ALAN RAPPERPORT	USA	1:25.47	HITOSHI KATO	JPN	14:10.69	GERHARD GROSSER	GER
29.00	WOLFRAM GOTTFRIED	GER	1:27.77	ARTHUR INGLIS	CAN	1:26.04	TSUTOMU KAJIHARA	JPN	14:21.65	JOHN MILLS	AUS
30.42	SHINGO YAMAMOTO	JPN	1:28.58	BOB BEST	USA	1:26.20	BOB BEST	USA	14:40.17	FRANK SAMOYA	USA
30.68	ALDO EMINENTE	FRA	200 M.	BACK		1:26.35	CLARKE MITCHELL	USA	14:41.10	JAIME PORTILLA	MEX

World Masters Top 10
SCM (25 M)

14:55.73	ROLF STELLRECHT	GER	40.90	KAREL HUDEC	CZE	3:12.82	JURGEN SCHMIDT	USA	49.86	FERNANDO NAJERA	MEX
14:59.38	JORDAN WOLLE	USA	41.04	GERHARD GIERA	GER	3:23.31	GILBERT YOUNG	USA	50.03	WALTER MINNICH	GER
1500 M.	FREE		41.28	Y.MATSUURA	JPN	3:28.49	SHIGEMASA OKAJIMA	JPN	51.31	TOM DOWELL	USA
22:52.00	HIROSHI YOSHIMURA	JPN	41.65	TAMON YOSHIDA	JPN	3:30.46	NILS KLING	SWE	51.33	KATSUZO SHIRAYAMA	JPN
27:15.38	HARVEY PROSSER	USA	42.02	MINORU NAGASHIMA	JPN	3:30.58	JAMES EDWARDS	USA	100 M.	BRST	
27:33.47	GERHARD GROSSER	GER	42.07	SILVANO DANIELI	ITA	3:42.55	MINORU FUKUI	JPN	1:49.98	ISAO FUNAMOTO	JPN
27:45.92	DON KORTEN	USA	42.38	ROLF STELLRECHT	GER	3:44.72	YAHEI SAKOTA	JPN	1:51.59	H.REITEMEYER	GER
28:02.76	JORDAN WOLLE	USA	100 M.	FLY		3:50.11	HAROLD DODD	GBR	1:53.26	KOSAKU ASADA	JPN
28:12.79	THOMAS CURRIE	AUS	1:37.84	KARL HAUTER	GER	3:54.77	KAIZO WATANABE	JPN	1:53.62	TAKESHI YASUKAWA	JPN
29:30.33	TREVOR WILSON	NZL	1:40.30	MINORU NAGASHIMA	JPN	3:54.77	CASPAR HAUPT	CAN	1:54.73	LUDWIG GEBURZI	GER
29:39.54	FRANK SAMOYA	USA	1:40.62	SILVANO DANIELI	ITA	400 M.	FREE		1:54.81	SIEGFRIED PANKOW	GER
29:56.05	LEWIS PATRIE	USA	1:42.07	JAN ZIEGLER	CZE	6:54.04	JURGEN SCHMIDT	USA	1:55.46	FERNANDO NAJERA	MEX
29:59.00	EDWARD HOY	GBR	1:44.41	ROBERT MACDONALD	USA	7:00.11	KEVIN VICKERY	AUS	2:00.78	KATSUZO SHIRAYAMA	JPN
50 M.	BACK		1:44.87	THOMAS MAINE	USA	7:11.43	NILS KLING	SWE	2:02.15	ALFRED SCHULHOF	CAN
41.85	ZENJI NAKAHARI	JPN	1:46.21	FRANK PIEMME	USA	7:55.34	JAMES EDWARDS	USA	2:07.15	TOMISHI YAMADA	JPN
42.42	PAUL HUTINGER	USA	2:03.66	ALDO MANFROI	BRA	8:04.53	HAROLD DODD	GBR	200 M.	BRST	
43.32	DUANE DRAVES	USA	2:03.74	H.MURAMATSU	JPN	8:12.16	MINORU FUKUI	JPN	3:57.72	FERNANDO NAJERA	MEX
44.46	F.YANAGISAWA	JPN	2:04.62	HARVEY PROSSER	USA	8:25.65	FRANK WHITE	CAN	4:00.44	ISAO FUNAMOTO	JPN
44.53	ROD BAKER	AUS	200 M.	FLY		8:37.31	JAMES MASTERSON	GBR	4:37.04	NORMAN GARSOE	USA
44.74	G.SHIMOMOTO	JPN	3:45.97	MINORU NAGASHIMA	JPN	8:39.98	CASPAR HAUPT	CAN	4:44.12	ALFRED SCHULHOF	CAN
44.92	DALE WEBSTER	USA	3:50.02	THOMAS MAINE	USA	8:47.70	ANTONIO FIGUERO	ESP	4:46.16	TOM MC CALL	USA
45.70	JAN ZIEGLER	CZE	3:51.90	SILVANO DANIELI	ITA	800 M.	FREE		4:48.94	RICHARD AVERY	USA
46.23	SHIZUO KONISHI	JPN	4:30.90	FRANK PIEMME	USA	14:05.05	JURGEN SCHMIDT	USA	4:53.74	ABRASHA BRAININ	USA
46.33	GERHARD GROSSER	GER	5:07.27	H.MURAMATSU	JPN	14:36.00	KEVIN VICKERY	AUS	5:12.99	WALTER LYNCH	USA
100 M.	BACK		5:15.61	ART KELLEY	USA	14:51.00	NILS KLING	SWE	5:15.16	CASPAR HAUPT	CAN
1:33.46	ZENJI NAKAHARI	JPN	8:03.89	DOUG STRONG	USA	18:00.00	HAROLD DODD	GBR	5:27.75	ANDRE DEVILLARD	FRA
1:35.58	DUANE DRAVES	USA	100 M.	I.M.		18:00.78	ANTONIO FIGUERO	ESP	50 M.	FLY	
1:36.52	PAUL HUTINGER	USA	1:29.43	ZENJI NAKAHARI	JPN	18:08.08	CASPAR HAUPT	CAN	44.70	ANDREW HOLDEN	USA
1:37.34	DALE WEBSTER	USA	1:31.26	FRANK PIEMME	USA	18:40.22	CLARENCE WEBB	USA	46.43	ROGERS HOLMES	USA
1:38.19	G.SHIMOMOTO	JPN	1:31.32	SHOICHI SHIDA	JPN	18:51.02	FRANCISCO BUJ	ESP	48.12	FERNANDO NAJERA	MEX
1:38.76	F.YANAGISAWA	JPN	1:31.52	KARL HAUTER	GER	19:16.21	PETER LEE	USA	48.23	JURGEN SCHMIDT	USA
1:39.46	WILLIAM HAYNES	USA	1:32.03	FRED LEIPZIGER	USA	20:25.77	ZYGMUN KASNER	USA	48.66	LUDWIG GEBURZI	GER
1:39.80	JAN ZIEGLER	CZE	1:33.06	HORST FRITZSCHE	GER	1500 M.	FREE		48.88	KAKUICHI YANAGAWA	JPN
1:43.77	ANTON BIEDERMANN	BRA	1:33.34	ROBERT MACDONALD	USA	27:07.79	JURGEN SCHMIDT	USA	51.90	NILS KLING	SWE
1:45.13	GERHARD GROSSER	GER	1:33.90	JAN ZIEGLER	CZE	29:07.77	GILBERT YOUNG	USA	53.71	HIRONARI UEDA	JPN
200 M.	BACK		1:35.49	LOTHAR KREMER	GER	32:11.96	HAROLD DODD	GBR	58.94	TOM DOWELL	USA
3:20.75	KARL HAUTER	GER	1:35.92	MILES ALLEN	GBR	33:13.05	TOM MC CALL	USA	1:00.39	STUART SOMERVILLE	AUS
3:34.30	G.SHIMOMOTO	JPN	200 M.	I.M.		34:26.49	CASPAR HAUPT	CAN	100 M.	FLY	
3:38.40	JAN ZIEGLER	CZE	3:16.79	KARL HAUTER	GER	35:27.59	PETER LEE	USA	1:57.20	KAKUICHI YANAGAWA	JPN
3:39.86	F.YANAGISAWA	JPN	3:33.32	FRANK PIEMME	USA	36:25.48	CLARENCE WEBB	USA	1:59.33	LUDWIG GEBURZI	GER
3:45.15	PAUL HUTINGER	USA	3:33.40	JAN ZIEGLER	CZE	40:30.50	HAL YOUNG	USA	2:01.64	ANDREW HOLDEN	USA
3:50.09	Y.KAWAMOTO	JPN	3:34.96	ROBERT MACDONALD	USA	43:01.69	ROBERT CHAN	AUS	2:04.42	HIRONARI UEDA	JPN
3:50.14	GERHARD GROSSER	GER	3:42.17	HIROSHI IMAIZUMI	JPN	43:26.24	JOSEPH MALLON	USA	2:11.87	JURGEN SCHMIDT	USA
3:54.43	THOMAS MAINE	USA	3:42.32	ROLF STELLRECHT	GER	50 M.	BACK		2:36.15	ANTONIO FIGUERO	ESP
3:57.63	LEE ARTH	USA	3:42.50	THOMAS MAINE	USA	38.26	KEIJIRO NAKAMURA	JPN	2:51.50	BOB DOUD	USA
3:58.85	DALE WEBSTER	USA	3:44.02	SILVANO DANIELI	ITA	45.61	GORO TANIGUCHI	JPN	3:09.41	CASPAR HAUPT	CAN
50 M.	BRST		3:55.70	NOBUMASA YAMASAKI	JPN	45.62	ROGERS HOLMES	USA	3:10.70	WALLY MARTIN	NZL
41.29	TOSHIO TAJIMA	JPN	4:00.37	ALDO MANFROI	BRA	46.00	C.BRUNELLESCHI	ITA	3:18.57	JAY CHARLES	USA
42.13	ZENJI NAKAHARI	JPN	400 M.	I.M.		46.63	KAIZO WATANABE	JPN	200 M.	FLY	
42.33	GERHARD GIERA	GER	7:00.89	KARL HAUTER	GER	47.07	NILS KLING	SWE	4:38.47	HIRONARI UEDA	JPN
42.40	CHARLES URSTADT	USA	7:44.85	THOMAS MAINE	USA	48.75	JURGEN SCHMIDT	USA	5:45.94	ANTONIO FIGUERO	ESP
42.76	HORST FRITZSCHE	GER	8:48.29	H.MURAMATSU	JPN	49.00	ROGER HALIMI	FRA	6:15.79	BOB DOUD	USA
43.11	IWAO YAMAMOTO	JPN	9:26.46	PERE TRES	ESP	49.12	CLARENCE WEBB	USA	7:13.42	JAY CHARLES	USA
43.42	ROBERT MACDONALD	USA	9:54.86	EMILIANA LLANO	MEX	49.38	ANDREW HOLDEN	USA	8:52.12	VLADMIR OUCHAKOFF	USA
43.53	RYUJI HASHIMOTO	JPN	12:58.27	DOUG STRONG	USA	100 M.	BACK		8:55.22	CASPAR HAUPT	CAN
43.83	HORST FRITZSCHE	GER				1:25.77	KEIJIRO NAKAMURA	JPN	9:14.16	T JOHNSON	USA
44.21	FRED LEIPZIGER	USA	*****			1:44.58	NILS KLING	SWE	100 M.	I.M.	
100 M.	BRST					1:45.66	ROGERS HOLMES	USA	1:40.43	SADAYUKI WAKAI	JPN
1:34.87	ZENJI NAKAHARI	JPN	*****			1:46.11	JURGEN SCHMIDT	USA	1:44.10	JURGEN SCHMIDT	USA
1:35.87	ROBERT MACDONALD	USA	50 M.	FREE		1:46.13	KAIZO WATANABE	JPN	1:47.36	NILS KLING	SWE
1:36.91	KARL HAUTER	GER	33.08	KEIJIRO NAKAMURA	JPN	1:48.75	KEVIN VICKERY	AUS	1:47.88	ISAO FUNAMOTO	JPN
1:37.72	TOSHIO TAJIMA	JPN	35.70	C.BRUNELLESCHI	ITA	1:50.75	CLARENCE WEBB	USA	1:47.90	ANDREW HOLDEN	USA
1:40.27	IWAO YAMAMOTO	JPN	35.74	NILS KLING	SWE	1:51.21	H.MIYAZAKI	JPN	1:49.42	LUDWIG GEBURZI	GER
1:40.28	WERNER ASSMANN	GER	36.92	ROGER HALIMI	FRA	1:52.60	JAMES EDWARDS	USA	1:51.03	ROGERS HOLMES	USA
1:40.40	FRANK PIEMME	USA	37.00	MIKE BIDNOCK	CAN	1:53.75	H.REITEMEYER	GER	1:54.27	HIDEO TAKIGUCHI	JPN
1:40.84	FRED LEIPZIGER	USA	37.72	JURGEN SCHMIDT	USA	200 M.	BACK		1:57.67	CLARENCE WEBB	USA
1:41.96	HORST FRITZSCHE	GER	37.80	ANDREW HOLDEN	USA	3:10.06	KEIJIRO NAKAMURA	JPN	1:59.22	KAIZO WATANABE	JPN
1:43.05	CHARLES URSTADT	USA	38.27	ATTILIO CHIODO	ITA	3:49.84	KEVIN VICKERY	AUS	200 M.	I.M.	
200 M.	BRST		38.32	ISAMU TAMURA	JPN	3:56.15	KAIZO WATANABE	JPN	4:01.06	JURGEN SCHMIDT	USA
3:29.54	AL CRAIG	USA	38.77	KEVIN VICKERY	AUS	3:56.27	ROGERS HOLMES	USA	4:02.57	ISAO FUNAMOTO	JPN
3:34.85	ZENJI NAKAHARI	JPN	100 M.	FREE		4:00.55	JURGEN SCHMIDT	USA	4:12.29	FERNANDO NAJERA	MEX
3:41.95	ROBERT MACDONALD	USA	1:16.09	KEIJIRO NAKAMURA	JPN	4:06.10	CLARENCE WEBB	USA	4:13.77	LUDWIG GEBURZI	GER
3:42.17	WERNER ASSMANN	GER	1:23.76	NILS KLING	SWE	4:07.52	JAMES EDWARDS	USA	4:23.36	HIRONARI UEDA	JPN
3:42.27	IWAO YAMAMOTO	JPN	1:26.19	KEVIN VICKERY	AUS	4:12.45	H.MIYAZAKI	JPN	4:32.48	TOM MC CALL	USA
3:48.60	JAN ZIEGLER	CZE	1:28.03	JURGEN SCHMIDT	USA	4:29.65	RICHARD AVERY	USA	4:34.43	CLARENCE WEBB	USA
3:49.58	FRANK PIEMME	USA	1:30.23	ANDREW HOLDEN	USA	4:31.36	MINORU FUKUI	JPN	4:40.33	KAIZO WATANABE	JPN
3:50.57	FRED LEIPZIGER	USA	1:30.82	GILBERT YOUNG	USA	50 M.	BRST		4:41.64	MINORU FUKUI	JPN
3:53.10	WATARU ASAKA	JPN	1:31.13	KOSAKU ASADA	JPN	48.71	SADAYUKI WAKAI	JPN	4:53.23	LEON WALKDEN	GBR
3:57.41	BIFF LOWRY	USA	1:31.64	ISAMU TAMURA	JPN	48.77	TAKESHI YASUKAWA	JPN	400 M.	I.M.	
50 M.	FLY		1:33.25	KATSUZO SHIRAYAMA	JPN	49.08	LUDWIG GEBURZI	GER	8:33.86	JURGEN SCHMIDT	USA
38.52	FRANK PIEMME	USA	1:33.65	MINORU FUKUI	JPN	49.30	KOSAKU ASADA	JPN	9:23.32	HIRONARI UEDA	JPN
40.20	TOSHIO TAJIMA	JPN	200 M.	FREE		49.76	H.REITEMEYER	GER	10:03.80	TOM MC CALL	USA
40.88	HORST FRITZSCHE	GER	3:09.57	KEVIN VICKERY	AUS	49.80	ISAO FUNAMOTO	JPN	10:27.62	ANTONIO FIGUERO	ESP

World Masters Top 10
SCM (25 M)

11:51.89	CASPAR HAUPT	CAN	2:26.19	JIM TRIOLO	USA	1:02.19	JARING TIMMERMAN	CAN	11:15.65	WALT PFEIFFER	USA			
12:17.30	WALLY MARTIN	NZL		200 M. BACK			100 M. FREE		15:45.53	EUGENE LEHMAN	CAN			
13:07.05	JAY CHARLES	USA	4:09.25	NILS FERM	SWE	1:39.26	WOODY BOWERSOCK	USA						
13:23.15	VLADMIR OUCHAKOFF	USA	4:17.19	JOHN MERRILL	USA	2:09.76	L GENE CROSSET	USA	*****					
17:22.50	T JOHNSON	USA	4:21.57	RYUJI FUJIKAWA	JPN	2:31.17	JARING TIMMERMAN	CAN		M E N 95-99				
			4:43.81	WILLI WINDEL	GER	2:57.10	EUGENE LEHMAN	CAN	*****					
			5:17.04	TOM HAVER	USA	3:38.47	SAMUEL JAIME	MEX		50 M. FREE				
			5:23.22	JOHN WHITE	USA		200 M. FREE			1:23.62	ALFREDO CHERCHI	AUS		
			5:31.98	JIM TRIOLO	USA	3:59.28	WOODY BOWERSOCK	USA		1:44.67	HANS HAHN	GER		
			5:41.00	BRUD CLEAVELAND	USA	4:23.15	MASAHISA KANEKO	JPN		50 M. BACK				
			5:46.23	ALBERT FISHER	USA	4:41.18	L GENE CROSSET	USA		1:39.02	ALFREDO CHERCHI	AUS		
			5:53.29	FRANK TILLOTSON	USA	4:44.76	R.REINSTADTLER	GER		1:45.41	HANS HAHN	GER		
				50 M. BRST		6:07.16	EUGENE LEHMAN	CAN	*****					
				50.87	HIROMU YOSHIMOTO	JPN	6:39.96	BOYD CAMPBELL	USA					
				52.65	PAUL KRUP	USA		400 M. FREE		RELAYS: WOMEN 200 M. FREE				
				52.97	Y.MIYAMOTO	JPN	9:37.35	WOODY BOWERSOCK	USA	*****				
				56.27	BRUD CLEAVELAND	USA	9:41.12	R.REINSTADTLER	GER	AGE 100-119				
				1:00.86	WILLIAM JOHNSTON	USA	10:07.77	L GENE CROSSET	USA	EMSC	CAN	1:52.17		
				1:03.19	ALDO CAPUTI	ITA	12:42.98	EUGENE LEHMAN	CAN		DEBBIE YOUNGER			
				1:03.78	CRISOFORO IBANEZ	MEX		800 M. FREE			K.VAN CAMPENHOUT			
				1:04.00	HEINZ SIEGEL	GER	19:31.83	WOODY BOWERSOCK	USA		SIUBHAN DRINNAN			
				1:05.07	WILLI WINDEL	GER	25:46.22	EUGENE LEHMAN	CAN		TANIA PENDERGAST			
				1:05.29	SEIO FUKUOKA	JPN		1500 M. FREE			WITH H	JPN	1:57.88	
				100 M. BRST			40:49.23	WOODY BOWERSOCK	USA		KEIKO IMAEDA			
				2:11.26	HIROMU YOSHIMOTO	JPN	48:21.89	EUGENE LEHMAN	CAN		TOMOKO OGAWA			
				2:18.24	BRUD CLEAVELAND	USA		50 M. BACK			NORIKO OSUGI			
				2:32.03	WILLIAM JOHNSTON	USA		55.41	R.REINSTADTLER	GER	JURI NAKAJIMA			
				2:39.29	JACK MATHIESON	AUS		55.47	KAZUNAGA AKUTSU	JPN	DYNAMITE HIPS	JPN	1:58.73	
				2:40.51	SHOJI MIZUTA	JPN		56.15	MASAHISA KANEKO	JPN	NATSUKO YAMAUCHI			
				2:41.37	CRISOFORO IBANEZ	MEX		57.09	WOODY BOWERSOCK	USA	RIE INAGUMA			
				2:44.53	MASAHARU HAMANO	JPN		1:11.35	GASTAO FIGUEIREDO	BRA	HANAKO UENO			
				2:44.78	JIM PANTON	CAN		1:14.12	WALTER SEIFERT	GER	JUNKO OKOCHI			
				2:49.69	ROMAN JEZEK	CAN		1:16.01	EUGENE LEHMAN	CAN	SK LAXEN	SWE	1:59.18	
				3:00.40	ANTOINE MAZOYER	FRA		1:24.60	JARING TIMMERMAN	CAN	PERNILLA MARCUS			
				200 M. BRST				1:36.47	SAMUEL JAIME	MEX	M.KRISTIANSOON			
				5:14.08	NILS FERM	SWE		2:01.41	KENNETH CLUTTON	AUS	ANNIKA GUSTAVSSON			
				5:18.09	BRUD CLEAVELAND	USA		100 M. BACK			A.BERGQVIST			
				5:46.89	WILLIAM JOHNSTON	USA		2:06.00	WOODY BOWERSOCK	USA	CFST	CAN	1:59.51	
				5:53.60	JACK MATHIESON	AUS		2:09.05	MASAHISA KANEKO	JPN	LAURA BEYNON			
				5:55.65	JIM PANTON	CAN		2:21.78	R.REINSTADTLER	GER	MELANIE MARTIN			
				6:01.23	AUSTIN NEWMAN	USA		3:09.82	EUGENE LEHMAN	CAN	LIANNA DOHERTY			
				6:11.95	CRISOFORO IBANEZ	MEX		3:36.59	SAMUEL JAIME	MEX	HAYLEY JOHN			
				6:19.34	MASAHARU HAMANO	JPN		200 M. BACK			ACADEMIA 4X1	BRA	2:01.06	
				9:03.01	FRANK TILLOTSON	USA		4:47.45	WOODY BOWERSOCK	USA				
				50 M. FLY				5:54.37	GASTAO FIGUEIREDO	BRA	KARUPIKO	JPN	2:01.16	
				54.23	PAUL KRUP	USA		6:40.30	EUGENE LEHMAN	CAN	KUMIKO MAKIHATA			
				57.12	WILLIAM JOHNSTON	USA		7:16.23	SAMUEL JAIME	MEX	SHIHOKO YUKI			
				1:09.07	HEINZ SIEGEL	GER		50 M. BRST			AYANO YUKI			
				1:10.09	TOKUSHI KOMEDA	JPN		1:06.61	MASAHISA KANEKO	JPN	TOMOMI IKESAWA			
				1:24.43	JOHN HARRISON	GBR		1:10.00	KAZUNAGA AKUTSU	JPN	YUKYU YOSHIOKAJ	JPN	2:02.28	
				100 M. FLY				1:14.56	WALTER SEIFERT	GER	ERI KAWANO			
				2:15.74	PAUL KRUP	USA		1:15.02	R.REINSTADTLER	GER	YUKO TAKAHASHI			
				2:25.92	ALDO CAPUTI	ITA		1:48.62	GASTAO FIGUEIREDO	BRA	KIYOKO TSUCHIDA			
				2:37.89	WILLIAM JOHNSTON	USA		2:07.62	EUGENE LEHMAN	CAN	MASUMI BAMBA			
				200 M. FLY				2:11.10	CLARENCE HAMILTON	USA	LSD	CAN	2:02.60	
				6:10.72	WILLIAM JOHNSTON	USA		100 M. BRST			STACEY CONNICK			
				100 M. I.M.				2:46.31	WALT PFEIFFER	USA	MARKETA MYATT			
				1:32.47	HEINZ SIEGEL	GER		4:17.51	EUGENE LEHMAN	CAN	ASHLEY CONYNGHAM			
				2:12.26	TOKUSHI KOMEDA	JPN		200 M. BRST			SARAH WOODWORTH			
				2:12.26	WILLIAM JOHNSTON	USA		5:35.74	MASAHISA KANEKO	JPN	GIM VALLADOLID	ESP	2:02.62	
				2:12.82	BRUD CLEAVELAND	USA		5:58.17	WALT PFEIFFER	USA	POSADA			
				2:21.80	ALDO CAPUTI	ITA		8:50.40	EUGENE LEHMAN	CAN	MUYOZ			
				2:23.84	SHOJI MIZUTA	JPN		50 M. FLY			LARGO			
				3:33.34	ALBERT FISHER	USA		56.09	WALT PFEIFFER	USA	SANCHEZ			
				200 M. I.M.				1:22.50	R.REINSTADTLER	GER				
				4:51.91	WILLIAM JOHNSTON	USA		1:57.73	EUGENE LEHMAN	CAN	AGE 120-159			
				5:08.19	ALDO CAPUTI	ITA		2:25.23	CLARENCE HAMILTON	USA	TEAM DASH	JPN	1:49.47	
				400 M. I.M.				100 M. FLY			MIHO OKUHARA			
				11:07.74	WILLIAM JOHNSTON	USA		2:21.82	WALT PFEIFFER	USA	YUKIKO OZAWA			
				*****				4:25.80	EUGENE LEHMAN	CAN	CHIHIRO SAITO			
				*****				200 M. FLY			YAYOI SAKAMOTO			
								5:37.23	WALT PFEIFFER	USA	AZ&PC	NED	1:50.88	
								9:14.77	EUGENE LEHMAN	CAN	MARJA BLOEMZAAD			
								100 M. I.M.			TAMARA VAN GORKOM			
								2:14.23	WALT PFEIFFER	USA	ATIE PIJTAK			
								2:28.50	WOODY BOWERSOCK	USA	LIDIA VAN BON			
								2:29.66	R.REINSTADTLER	GER	OTTER	GBR	1:51.63	
								3:42.26	EUGENE LEHMAN	CAN				
								4:27.94	CLARENCE HAMILTON	USA	NTMC	CAN	1:53.08	
								200 M. I.M.			JANET MAYVILLE			
								5:13.24	WALT PFEIFFER	USA	CHRISTINA ECHOLS			
								7:45.59	EUGENE LEHMAN	CAN	MARIJANA PRIMORAC			
								400 M. I.M.			KATIE OSBORNE			

World Masters Top 10 SCM (25 M)

C O SHEFFIELD	GBR	1:56.87	SETSUKO SATO	SOIK HELLAS	SWE	2:47.63	CFST	CAN	2:14.28
ROMFORD TOWN	GBR	1:57.14	TOSHIKO HARASHIMA	HARRIET BURE			MELANIE MARTIN		
EMSC	CAN	1:57.50	SETSUKO TANAKA	EVA-BRITT WIDAHL			LAURA BEYNON		
TANIA PENDERGAST			DONCASTER DOLPH AUS	MARIANNE GRANE			LIANNA DOHERTY		
KARIN DIEHL			MARGARET MOORE	BRITT GRILLI			HAYLEY JOHN		
SIUBHAN DRINNAN			JANET SAYERS	WIN FUKUCHIMA	JPN	2:51.90	BURL	CAN	2:14.69
DEBBIE YOUNGER			KAYE JARROTT	YOSHIKO ITO			PETRA HANEBERRY		
CMSC	CAN	1:57.51	DONNA GADSBY	AIKO GOTO			SARAH ARMSTRONG		
LAURA MACDONALD			LEVIN	TAKAKO SATO			LEIGH SHAND		
SUSAN ROCKAFELLOW			LARRAINE KENT	YOSHIKO SATO			PAVLA KAZDA		
TRISH SHEA			SUZANNE PATERSON	SAPPORO AC	JPN	2:54.30	BURL	CAN	2:17.56
LISA MENSINK			LESLEY PARKIN	AIKO HORII			ROBYN HEAD		
ETOB	CAN	1:59.23	REBECCA PERROTT	KIKUE KANAMAKI			SANDRA MCCLEARY		
KATHY RENARD			ISLAND TAKATSUK JPN	YOSHI OGATA			JULIE SHELTON		
CINDY BERTELINK			NOBUKO NITTA	YASUKO GOTO			J.MCKINNELL		
AMANDA ATKINSON			HARUMI KOIDE	SUNWAY YOKOHAMA JPN	2:54.73		UBC	CAN	2:18.15
JOCELYN JAY			KIYOKO IKEUCHI	SHOKO YONEZAWA			DANA GUTHRIE		
IFK LIDINGO SK	SWE	1:59.57	MIKIKO YONEZAWA	TOMOYO KITAZAWA			JENN BONNEY		
CECILIA WANGEL			GOLD	YOKO SUGIYAMA			PAM KALAS		
YVONNE ERIKSSON			JUNE KRAUSER	MASAE KURATA			KELLY DUMONT		
ANNE-CARIN NORDIN			DEBBIE CAVANAUGH	SC NAS MACHIDA JPN	2:56.95		LSD	CAN	2:19.38
INGELA ASP			BIRGIT LOHBERG	KATSUE NOMURA			SARAH WOODWORTH		
AGE 160-199			TANYA HANSON	YOKO KOBAYASHI			MARKETA MYATT		
SDSM	USA	1:53.36	OAHU KIOICHO JPN	YOSHIKO KINOSHITA			STACEY CONNICK		
JANET COOVER			TOMOKO TAMPO	KEIKO YOKOTA			ASHLEY CONINGHAM		
VICKY DAVIDSON			KIYOKO KOSUGI	OAHU KIOICHO JPN	2:57.73		AGE 120-159		
CAROLINE KRATTLI			KEIKO YAMADA	HARUMI SUGIMOTO			ARIZ	USA	2:06.82
K PIPES-NEILSEN			MAYUMI TANABE	NORIKO YATSUNAMI			MARIKA MCCUE		
VIC	CAN	1:54.64	SAPPORO AC JPN	AKIKO ONOHARA			LOUISE MARTIN		
SARAH MACDONALD			SHIZUE BANDO	KIYOE KOYAMA			LAURA VON GLUCK		
AVILA RHODES			KATSUKO KAGEYAMA	FLUMINENSE F.C. BRA	2:58.78		TERE DERBEZ		
AMANDA WRIGHT			HIROMI HIRATA	HAKUYO S JPN	3:02.62		TOTNES	GBR	2:09.86
JUDY WOODWARD			YOKO RYUTAKI	SUMIYO YASUMOTO			OTTER	GBR	2:10.85
POLISENS IF	SWE	2:00.13	KINGS CORMORANT GBR	TOMIKO SESHIMO			NTMC	CAN	2:11.21
KARIN BERGQVIST			AGE 240-279	SACHIKO SATO			CHRISTINA ECHOLS		
ANN-LOISE ARKTOFT			KINGS CORMORANT GBR	KIMIKO YOSHINAGA			JANA CHVATAL		
DIANA SUNDIN			OAHU KIOICHO JPN	SUKOYAKA ST JPN	3:07.41		MARIJANA PRIMORAC		
BAVERYD ARMI			KEIKO YAMADA	ISAKO WADA			KATIE OSBORNE		
DDO	CAN	2:00.16	TOSHIKO SHIMIZU	CHIZUKO TSUCHIDA			EMSC	CAN	2:12.10
ANN KOURI			SATOKO KAWATA	YOKO SATO			DEBBIE YOUNGER		
E.MARIE HAKANSSON			HIROKO KAYAMORI	EIKO SATO			KARIN DIEHL		
LIANE VEZINA			ISLAND TAKATSUK JPN	MYS HANAHATA JPN	3:11.62		ANDREA WUETHERICK		
LORRAINE MACRAE			MICHIKO OTO	MICHIYO OKAMOTO			TANIA PENDERGAST		
HADRIAN MASTERS	GBR	2:00.75	KEIKO FUJIMOTO	KINUKO TANABE			ROMFORD	GBR	2:15.04
CAMP HILL EDWAR	GBR	2:01.58	HISAKO SATO	HIROKO ASANO			IFK LIDINGO SK	SWE	2:15.76
WOLVERHAMPTON M	GBR	2:04.20	KAZUE OZAKI	MASUMI TANI			YVONNE ERIKSSON		
FHM BIRMINGHAM	GBR	2:04.67	HAKUYO S JPN	AGE 320-359			ULRIKA WESTLUND		
GOLD	USA	2:04.68	FUMIKO NAKAMURA	SAPPORO MST JPN	3:46.91		ANNE-CARIN NORDIN		
PEGGY MCDONNELL			MITSUKO HAYASHI	SETSUKO NARITA			CECILIA WANGEL		
CELIA DEVANNEY			KEIKO KADOKURA	KINKO MATSUMOTO			NEM	USA	2:15.81
ANNE LABORWIT			KAZUYO OHAMA	NAKA FUKUOKA			NICOLE BENSON		
BIRGIT LOHBERG			MSBC	FUMI MURATA			KERIN ELISENS		
CFC FUTAMATAGAW	JPN	2:04.94	BONNIE PRONK	*****			CAROL PRESCOTT		
HIDEKO HORI			JOAN PARNELL	RELAYS: WOMEN 200 M. MEDLEY			TARA MCGARR		
MACHIKO TAKEI			COLLEEN NELSON	*****			LASL	CAN	2:16.11
HISAE NOJIMA			BARBARA WIENS	AGE 100-119			ANNICK PIRRO		
ASAKO SUZUKI			JUEI CLUB JPN	NTMC	CAN	2:06.78	LORI FLOOD		
AGE 200-239			HARUMI MASUOKA	DOMINIQUE CAMERON			MARTINA KINDLER		
SDSM	USA	2:04.54	TERUKO NISHISAKO	JANET MAYVILLE			JENN SAUNDERS		
K PIPES-NEILSEN			SETSUKO KOBAYASHI	MARIJANA PRIMORAC			AZ&PC	NED	2:16.22
CAROLINE KRATTLI			MIYOKO IMURA	KATIE OSBORNE			HELMA KOOT		
LYNNE LUND			TECH	T.CHRZANOWSKI			TAMARA VAN GORKOM		
JACKIE MARR			MARG BAKISH	K.VAN CAMPENHOUT			LIDIA VAN BON		
SWIM NETWORK	JPN	2:10.03	JOYCE CLINTON	DEBBIE YOUNGER			ATIE PIJTAK		
KEIKO NAGANO			PAT DAVIS	TANIA PENDERGAST			AGE 160-199		
MASAKO ENZAN			PAT NIBLETT	DYNAMITE HIPS JPN	2:10.17		SDSM	USA	2:06.09
YUMIKO SAEKI			KYOEIJUKU SUIO JPN	JUNKO OKOCHI			K PIPES-NEILSEN		
MISA FUNATSU			MITSUKO KOMURO	HANAKO UENO			CAROLINE KRATTLI		
YMCA	CAN	2:14.01	SUEKO KIZAKI	RIE INAGUMA			VICKY DAVIDSON		
ANN SUMMERS			HIROKO HAYASHI	NATSUKO YAMAUCHI			JANET COOVER		
HOLLY RATCLIFFE			KIYOKO YAMAGISHI	SK LAXEN	SWE	2:11.66	ART	USA	2:08.46
SYLVIE LEPINE			C.R.I.\INTTEGRA BRA	ANNIKA GUSTAVSSON			RAE DEWOODY		
CARLA YOUNG			OAHU KIOICHO JPN	M.KRISTIANSSON			MICOL SEIGEL		
JUST	JPN	2:15.12	K.TATSUKOSHI	PERNILLA MARCUS			LISA CAPICK		
SACHIKO SAITO			TERUKO MURAKAMI	A.BERGQVIST			MICHELLE MARTIN		
			ATSUKO TAKEUCHI	WITH H JPN	2:11.83		ANCM	USA	2:14.30
			KEIKO ABE	KEIKO IMAEDA			L VAN PELT-DILLER		
			AGE 280-319	HARUKA ASUWA			THERESE KOMINSKI		
				NORIKO OSUGI					
				JURI NAKAJIMA					

World Masters Top 10 SCM (25 M)

ELISABETH-E DEAL			KERRY DUVAL			YOSHIKO SATO			BRITISH POLICE	GBR	1:39.13
APRIL OLIVER			DALE FREEMAN			YOSHIKO ITO					
VIC SARAH MACDONALD	CAN	2:14.64	ELSA DE LEEUW			TAKAKO SATO			SKK	SWE	1:39.18
JUDY WOODWARD			AGE 240-279			HAKUYO S	JPN	3:39.32	PER HELGESSON		
MAGGIE BIRD			OAHU KIOICHO	JPN	2:43.04	KIMIKO YOSHINAGA			MAGNUS FROLANDER		
AVILA RHODES			HARUMI SUGIMOTO			SUMIYO YASUMOTO			DANNE KARLSSON		
DDO ANN KOURI	CAN	2:16.29	KEIKO YAMADA			TOMIKO SESHIMO			BJORN MOLLER		
E.MARIE HAKANSSON			SATOKO KAWATA			SACHIKO SATO			SEVERNSIDE	GBR	1:39.19
LIANE VEZINA			HIROKO KAYAMORI			C.R.I.\INTTEGRA	BRA	3:43.58	HSG UNI ROSTOCK	GER	1:39.33
LORRAINE MACRAE			KINGS CORMORANT	GBR	2:43.24	SPENCER	GBR	3:48.97	OLAF AHLERS		
POLISENS IF	SWE	2:17.25	MSBC	CAN	2:43.75	AGE 320-359			UWE SOFKE		
DIANA SUNDIN			JOAN PARNELL			SAPPORO MST	JPN	4:29.86	HENRY NAETHBOOM		
A.BRYNGELSSON			BONNIE PRONK			SETSUKO NARITA			LARS HINNEBURG		
ARMI BAVERYD			COLLEEN NELSON			NAKA FUKUOKA			EMSC	CAN	1:40.13
ANN-LOISE ARKTOFT			BARBARA WIENS			FUMI MURATA			TREVOR ONISHENKO		
GOLD PEGGY MCDONNELL	USA	2:18.07	SOIK HELLAS	SWE	2:44.19	KINKO MATSUMOTOT			TATE YOUNG		
DEBBIE CAVANAUGH			MARGIT OHLSSON			*****			KEVIN GOLIGHTLY		
BIRGIT LOHBERG			BARBRO FLODSTROM			RELAYS: M E N 200 M. FREE			BARRY SARETSKY		
CELIA DEVANNEY			MARGARETA RAINER			*****			CMSC	CAN	1:40.20
HADRIAN MASTERS	GBR	2:18.19	BRITT GRILLI			AGE 100-119			MARK JESSEE		
CFC FUTAMATAGAW	JPN	2:18.64	ISLAND TAKATSUK	JPN	2:50.45	FORMULA ACADEMI	BRA	1:33.47	JEFF WELECHUK		
ASAKO SUZUKI			NOBUKO NITTA			HERETAUNGA	NZL	1:36.77	JUSTIN WELBOURN		
HISAE NOJIMA			CHIHOKO YOSHIMURA			SCOTT CANTLEY			PETER HENRY		
MACHIKO TAKEI			HISAKO SATO			JON WINTER			AGE 160-199		
HIDEKO HORI			TAEKO IKEDA			DAN ABEL			BMW	USA	1:39.11
TABY SIM	SWE	2:18.86	KSC NEYAGAWA	JPN	2:53.27	TRENT BRAY			RICHARD GARRETT		
AGNETA TIMBACK			KASUMI ISHIKAWA			ACADEMIA 4X1	BRA	1:38.00	MIKE MC AWEENEY		
LILLIE LARSSON			NOBUKO YASUDA						THOMAS WHATLEY		
ERICA ERICSSON			MIKIKO KUBOTA			SKK	SWE	1:38.02	ROBERT MACKENZIE		
GUNILLA RASMUSON			HARUKO TAMURA			ROBERT LOVSTROM			TSUN	USA	1:41.13
AGE 200-239			JUEI CLUB	JPN	2:53.32	NIKLAS EGMAR			GEOFFREY GLASER		
OREG K ANDRUS-HUGHES	USA	2:18.96	MIYOKO IMURA			ILIA MIKHAILOV			DEAN PUTTERMAN		
COLETTE CRABBE			TERUKO NISHISAKO			DANNE KARLSSON			BRIAN FITZGIBBONS		
JOY WARD			HARUMI MASUOKA			CAMO	CAN	1:40.45	TODD OAKES		
JEANNE TEISHER			SETSUKO KOBAYASHI			SIMON DAGNAULT			ACAD.COMPETITIO	BRA	1:41.30
JUST SETSUKO TANAKA	JPN	2:25.11	HAKUYO S	JPN	2:54.03	OLIVIER ROY			MELO	USA	1:41.36
TOSHICO HARASHIMA			MITSUOKO HAYASHI			MATTHIEU BLOUIN			AL HUMPHREY		
SACHIKO SAITO			MASAKO NISHIDE			F.OLLENDORF			JAMES KEMP		
SETUKO SATO			FUMIKO NAKAMURA			ACADEMIA PRAIA	BRA	1:41.47	ED OWEN		
SUNPLAZA	JPN	2:31.35	KEIKO KADOKURA			TAJIRI-CHO SUIR	JPN	1:41.82	BRADLEY HOWE		
TAKAKO NAKAHARA			SC DUSSELDORF	GER	2:54.46	DAISUKE TSUJIMOTO			DCAC	USA	1:42.26
TOYOMI EBIHARA			HEIDI GUHL			TETSUYA NITTA			NEILL WILLIAMS		
KOTOE MATSUMOTO			USCHI BONGARTZ			TAKEHITO IWATA			ALAN GODFREY		
SATOMI SANO			GISELA GUNTHER			KOHEI UNO			JEFFREY MEAD		
ISLAND TAKATSUK	JPN	2:34.82	U.MEYER-TONDORF			ACADEMIA ACKUA	BRA	1:41.95	JOHN O'KEEFE		
KAZUE OZAKI			C.R.I.\INTTEGRA	BRA	2:57.65	GIM VALLADOLID	ESP	1:42.36	JOHN O'KEEFE		
YOSHIKO BAMBA			AGE 280-319			CANO			GOTEBORG SIM	SWE	1:42.51
MIKIKO YONEZAWA			SWIM100NOKAI	JPN	3:10.53	GONZALEZ			LEONARD BIELICZ		
MICHIKO OTO			KAZUKO TAGUCHI			VILLAR			TORBJORN WOLFFFRAM		
HAKUYO S	JPN	2:38.98	KAZUYO SAKAURAI			SANCHEZ			ANDERS ENGEWALL		
CHIEKO HIGASHI			H.H.MINAMIGUCHI			DDO	CAN	1:43.34	ANDREAS DENCKER		
RYOKO OSAKI			CHEI TANI			JP RICHARD			RHMS	USA	1:43.30
MIEKO MASUDA			OAHU KIOICHO	JPN	3:15.84	ERIC QUANE			ERIC VAN BOER		
HIROKO MASHIKO			KEIKO YAMADA			MIKE KEHLE			DUNCAN ROSS		
HIROSHIMA SC	JPN	2:40.27	NORIKO YATSUNAMI			PHILIPPE BERGERON			BILL ADKISON		
IKUKO YAMADA			AKIKO ONOHARA			AGE 120-159			KEN ERICSSON		
MITSUKO SAKAMOTO			KIYOE KOYAMA			TAS	CAN	1:38.35	ACADEMIA 4X1	BRA	1:43.38
MACHIKO OGATA			SUNWAY YOKOHAMA	JPN	3:16.32	RYAN LAURIN			ORLM	USA	1:44.11
YUKO SANADA			TOMOYO KITAZAWA			GREG SANDERSON			SCOT WEISS		
SC DUSSELDORF	GER	2:40.58	MASAE KURATA			BILL SAWCHUK			FREDERICK EHMKE		
BARBIE TIMMER			SHOKO YONEZAWA			STEPHEN CLARKE			ARNALDO PEREZ		
A.NIESWANDT			YOKO SUGIYAMA			ASV WUPPERTAL	GER	1:38.63	L MEISENHEIMER		
KARIN WILK			SOIK HELLAS	SWE	3:16.79	JOCHEN BRUHA			BARNET COPTHALL	GBR	1:44.56
BIRGIT OSSELMANN			EVA-BRITT WIDAH			TOBIAS HAHN			AGE 200-239		
SAPPORO AC	JPN	2:40.94	BARBRO THORNELOF			MATTHIAS MILLERS			1776	USA	1:40.71
SADAE TANAKA			HARRIET BURE			MICHAEL HANSTEIN			PAUL TREVISAN		
MASAMI HASHIBA			MARIANNE GRANE			AINOSENSHI	JPN	1:38.75	THOMAS MEADE		
HIROMI HIRATA			SC NAS MACHIDA	JPN	3:23.87	TOMOHIRO ONO			MICHAEL SLENKER		
KATSUKO KAGEYAMA			YOSHIKO KINOSHITA			SHIGEHO NAKAYAMA			GREGORY OXLEY		
1.PADERBORN S	GER	2:41.59	YOKO KOBAYASHI			YASUHIRO OKADA			TECH	CAN	1:46.11
ULLA KASTNER			KATSUE NOMURA			KOJI KAWABATA			BRUCE ROBERTSON		
I.KURTEN-SCHWABE			KEIKO YOKOTA			NTMC	CAN	1:38.80	GLEN BELFRY		
UTE LENZ			SAPPORO AC	JPN	3:24.22	DOUG MCKAY			JOHN MARCH		
GABI SEWALD			KIKUE KANAMAKI			DEREK MURCHIE					
WAVE	CAN	2:41.64	TOYOKO TANAKA			CHRIS THOMSON					
KATHY GRAHAM			YASUKO GOTO			BRAD JOHNSON					
			CHISE IBE								
			WIN FUKUSHIMA	JPN	3:24.81						
			AIKO GOTO								

World Masters Top 10 SCM (25 M)

JIM WRIGHT GMUP USA 1:47.73	K. MOCHIZUKI YORK CITY BATHS GBR 2:01.93	TAKUMA YAMAOKA MASAKAZU UMEMOTO TOYOHICO GOTO TOMOYA NISHITANI	COREY CARLISLE MATTHEW KINNEY NEILL WILLIAMS JOHN O'KEEFE
LARRY SLOAN DAVID OATES ROBIN SIMMONS ROBERT HANSEN	AGE 280-319 SOIK HELLAS SWE 2:15.01	HERETAUGNGA NZL 1:50.75	STOCKHOLMS KK SWE 1:53.16
SOIK HELLAS SWE 1:49.01	ERIC FORSLUND NILS FERM BENGT FURBERG BO AMNELL	JON WINTER DAN ABEL SCOTT CANTLEY TRENT BRAY	KURT BIROL PER NORLIN MATS NORLIN PER HELGESSON
HANS LJUNGBERG ROLF TEGEBACK BO FOGELBERG GLEN CHRISTIANSEN	SK RAN SWE 2:17.09	CAMPIONE JPN 1:51.54	AGE 160-199
SOSHIGAYA JPN 1:49.95	TORE PERSSON INGE BLOMQUIST ALLAN ANDERSSON LENNART BROCK	KOJI NISHIGUCHI KIMIHIDE TATSUMI HARUNORI UCHIBORI FUMIO AMANO	ANCM USA 1:51.29
TAKASHI SUZUKI HIROOKI AOKI YASUFUMI NISHIHAR HIROYUKI AMAZAKI	HAKUYO S JPN 2:17.92	HSG WARNEMUNDE GER 1:52.98	J CLAY BRITT WALLY DICKS RORY LEWIS DALE MC ELHATTAN
SPOLENS SWE 1:50.45	K. HIROSHIMA TOSHIMI INATOMI SADAYUKI WAKAI KENSUKE SATO	SEBASTIAN BURGER STEFFEN SCHULZ THOMAS WILLSDORF R. KOLANDERSKY	NTMC CAN 1:52.77
JOAKIM SJOHOLM JAN FARGH HAKAN BENGTSSON NILS WAHLBERG	SDSM USA 2:20.72	CAMO CAN 1:53.56	DEREK MURCHIE DOUG VANDERBY JOHN SCOTT CHRIS THOMSON
CN MARSEILLE FRA 1:50.89	DUANE DRAVES JORDAN WOLLE BOB BEST STEVE MOSELEY	MATTHIEU BLOUIN F. OLLENDORF OLIVIER ROY SIMON DAGNAULT	WINS CAN 1:53.05
THIERRY CHANOINE OLIVIER DAUDIGEOS PATRICK LUSIEN JEAN BATTILANA	TYMS CAN 2:23.09	GIM VALLADOLID ESP 1:53.76	KEVAN BATES RICHARD DENDY GREG MARGHARITIS AART LOOYE
TOTO DOLPHIN CL JPN 1:51.81	HAROLD ANFOSSI WALLY HENNE BOB EASUN CHRISTOPHER SMITH	SANCHEZ CANO VILALR GONZALEZ	SV FRIEDRICHSHA GER 1:54.83
KOJI IWAMOTO KOJI KURITA TETSURO MIKI KATSUYA SUMIKAWA	FMM USA 2:23.36	DDO CAN 1:53.92	NANFRED KODER ROBERT BERGER HARTMUT BERNER THILO ALBRECHT
MURASAKI SPORTS JPN 1:51.96	JAMES BROWNE ROBERT MACDONALD C WEATHERBEE JAMES PITTS	JP RICHARD ERIC QUANE PHILIPPE BERGERON MIKE KEHLE	CMSC CAN 1:55.35
YOSHIHIRO KISHI KENJI TAKAHASHI TAKAO KASHIWAGI MAKIO ENDO	ONOMICHI MDC JPN 2:24.53	ACADEMIA PRAIA BRA 1:56.46	JEFF WELECHUK MIKE MORROW MARK JESSEE DAVE DICKSON
SDSM USA 1:52.21	SHOSAKU SHIMIZU TADAHARU FUJIWARA YUTAKA MIYAMOTO JOJI OSHIMA	SUN FLOWER FITN JPN 1:56.64	SOIK HELLAS SWE 1:56.32
MARK SPRATT MARK WUSSLER SCOTT EHRLICH MIKE AHERN	SG REMSCHEID GER 2:24.56	TAKASHI KAWAMOTO DAIGO KIKKAWA SHIGEKI UENO MINORU WAKAMATSU	CARLOS MORAN GLEN CHRISTIANSEN HANS LJUNGBERG FREDRIK SUNDIN
ADELAIDE MASTER AUS 1:52.21	HERBERT HAUPT MANFRED BICKEL GUNTER UNKEL RUDI VAN ESS	C. R. FLAMENGO BRA 1:56.79	TSUN USA 1:57.54
BRONTE EDWARDS RONALD HARDIE MARK SMEDLEY ANDREW LOOSE	SSV LEUTZSCH LE GER 2:25.27	AGE 120-159	BRIAN FITZGIBBONS DEAN PUTTERMAN TODD OAKES GEOFFREY GLASER
AGE 240-279	JOACHIM HEROLD G. KLAERING SIEGDRIED KOHLER WOLFGANG SIEBER	CMSC CAN 1:44.09	YOKOSUKAITOMAN JPN 1:58.22
SDSM USA 1:50.90	SV BLAU-WEISS GER 2:27.31	JEFF WELECHUK RUSS PATRICK MARK JESSEE PETER HENRY	ATSUSHI TAKAHASHI SAKAE HIRAYAMA HARUKI SUZUKI KAZUYOSHI TERAU
PETER ANDERSEN MIKE FRESHLEY MICHAEL AHERN VINUS VAN BAALEN	MARTIN KREFT MANFRED FISCHER AUGUST DEMUHS HELMUT HUNOLD	OPUS 21 JPN 1:49.83	TRAFFORD METRO GBR 1:59.13
GOLD USA 1:52.25	AGE 320-359	KOICHI MASUTA TETSUO IWAKI MASAHARU NEGISHI YUJI HAYAKAWA	ACADEMIA PRAIA BRA 1:59.42
CAV CAVANAUGH DAVID MCINTYRE JOEL BURNS GEORGE SCHMIDT	JUEI CLUB JPN 2:20.85	BRITISH POLICE GBR 1:49.91	AGE 200-239
SOIK HELLAS SWE 1:56.72	SHOICHI SHIDA KEIJIRO NAKAMURA KATSUZO SHIRAYAMA ISAMU TAMURA	KONAMI AOBADAI JPN 1:50.50	WH2O USA 1:58.84
BO LJUNGBERG OLLE BUREBO INGVAR ERIKSSON PETER BERGEGREN	VCSS CAN 3:28.04	TAKURO KOJIMA TAKAHIRO MAIE TAKAHIRO IMAMURA NAOAKI FUJITANI	JAMES BALLARD TOM REUDY BILL O'BRIEN MICHAEL MEALIFFE
FHM BIRMINGHAM GBR 1:57.83	JAMES WARD JIM PANTON STEPHEN BAKER PETER LOFTS	LBG USA 1:50.73	TECH CAN 2:00.59
SV POSEIDON HAM GER 1:59.86	C. R. I. \INTTEGRA BRA 4:38.60	KURT MURDOCH AUDY OKTAVIAN ERIK SCOLLON ERIK NIELSON	JOHN MARCH JIM WRIGHT BRUCE ROBERTSON GLEN BELFRY
WOLFRAM GOTTFRIED SIEGFRIED MASULA HEINZ WITTIG DIETER SEIFERT	AMARAL MASTER BRA 6:27.88	TEAM DASH JPN 1:51.88	GSM USA 2:04.24
ACADEMIA 4X1 BRA 2:00.14	AGE 360-399	KEIICHI KIYOTA TAKASHI HIRAKAWA S. YANAGISAWA TAKASHI TESHIMA	KEN NIEMI EDWARD NESSEL TOM GEIMAN ED TSUZUKI
SOUTHPORT GBR 2:00.19	NORTH CAROLINA USA 7:16.52	OCEANUS NED 1:52.35	HADRIAN MASTERS GBR 2:04.34
DONCASTER DOLPH AUS 2:00.75	BOYD CAMPBELL MARTIN RUTTER HAROLD HOFFMAN JIM SCHERBARTH	MENNO SPAARGAREN LESLAY VOORN ROBIN BOON MARCEL DE NATRIS	CMSC CAN 2:04.88
LACHLAN MCKINNON DEREK MANDY FRANCIS GODDEN TONY STRAHAN	***** RELAYS: M E N 200 M. MEDLEY *****	AINOSENSHI JPN 1:52.39	PETER O'BRIEN ROB DAVIS DAVE DICKSON MIKE MORROW
HAKUYO S JPN 2:01.80	AGE 100-119	SHIGEHO NAKAYAMA NARIHITO WAKUI YASUHIRO OKADA TOMOHIRO ONO	RACING CLUB FRA 2:05.07
HIROSHI NONAKA NORIAKI IKEDA KATASHI AOKI	TAISHO SS JPN 1:50.54	DCAC USA 1:52.58	GILLES LAFFICHE ROMAIN HUGOT C. STARZEC

World Masters Top 10
SCM (25 M)

CHARLES THOMANN			MINORU NAGASHIMA		DYNAMITE HIPS	JPN	1:48.04	JAN FARJH			
SPOLISENS	SWE	2:05.64	KAMAKURA MSC	JPN	2:32.74	NATSUKO YAMAUCHI		ARMY BAVERYD			
JOAKIM SJOHOLM			MINORU UEMURA		KAZUHISA FUJIHIRA			KARIN BERGQVIST			
JAN FARJH			TAKAO TSUCHIYA		JUNKO OKOCHI			ORLM	USA	1:50.25	
HAKAN BENGTSSON			YOSHIHIRO NAKANO		YASUO MAEDA			SCOT WEISS			
NILS WAHLBERG			SATOSHI TOKUSHIGE		EMSC	CAN	1:48.74	KATHY MARQUES			
HSG UNI ROSTOCK	GER	2:06.14	SK RAN	SWE	2:36.39	TREVOR ONISHENKO		CATHY SHONKWEILER			
BERND MAU			ALLAN ANDERSSON		T.CHRZANOWSKI			FREDERICK EHMKE			
EGON HENNINGER			LENNART BROCK		SIUBHAN DRINNAN			HADRIAN MASTERS	GBR	1:50.31	
TORSTEN PROBER			TORE PERSSON		TATE YOUNG			TOTNES	GBR	1:50.92	
RENE PLAESCHKE			INGE BLOMQVIST		CFST	CAN	1:49.25	TOTNES	GBR	1:50.92	
SOSHIGAWA	JPN	2:06.32	SSV LEUTZSCH LE	GER	2:38.51	DAVID PAIN		NEP	CAN	1:51.68	
HIROOKI AOKI			WALTER LEX		BRETT MACNEIL			DIMITRI KHODKO			
Y.NISHIHARA			JURGEN SCHUBERT		HAYLEY JOHN			ANDRE DEMERS			
HIROYUKI AMAZAKI			WOLFGANG SIEBER		MELANIE MARTIN			CATHY MERRITT			
TAKASHI SUZUKI			HARALD MULLER		TAJIRI-CHO SUIR	JPN	1:49.81	LORRI BLACK			
LSD	CAN	2:06.56	GOLD	USA	2:38.76	TETSUYA NITTA		ETOB	CAN	1:52.08	
CHUCK GRACE			DAVID MCINTYRE		TAKAKO TSUJIMOTO			JOCELYN JAY			
BRIAN FINLAY			AGUSTIN DELAVEGA		AKIKO SASAKI			KATHY RENARD			
ROB STODDART			HERB KERN		KOHEI UNO			RON ARMSTRONG			
DOUGLAS CROWE			CAV CAVANAUGH		SK LAXEN	SWE	1:49.88	MATTHEW MCPHERSON			
AGE 240-279			HAKUYO S	JPN	2:40.98	GORAN GUSTAVSSON		TEAM DASH	JPN	1:52.16	
OREG	USA	2:05.07	SADAYUKI WAKAI		A.BERGQVIST			YUKIKO OZAWA			
ROBERT SMITH			KENSUKE SATO		PARNILLA MARCUS			CHIHIRO SAITO			
ALLEN STARK			K.MOCHIZUKI		PELLE KARLSSON			AKIRA NUMATA			
BERT PETERSEN			TOSHIMI INATOMI		ACADEMIA PRAIA	BRA	1:50.00	T.WATANABE			
TOM LANDIS			SOIK HELLAS	SWE	2:44.19	GIM VALLADOLID	ESP	1:50.75	CAMPBILL EDWARD	GBR	1:52.53
GOLD	USA	2:05.72	GEORGE WITTLCK		BERTIL WERNER			AGE 200-239			
DAVID MCINTYRE			PETER BERGENGREN		RUNE NILSSON			SK LAXEN	SWE	1:55.32	
TIMOTHY SHEAD			BERLINER TSC	GER	2:44.44	K.SCHNEIDER		PETER PETERSSON			
JOEL BURNS			MANFRED LISKEN		HORST FRITZSCHE			ANMARIE LENNHEDEN			
CAV CAVANAUGH			BERLINER TSC	GER	2:44.44	H.REICH		JAN-OLOF SVENSSON			
SDSM	USA	2:06.42	AGE 320-359		JUEI CLUB	JPN	2:50.63	ANNIKA MORIN			
VINUS VAN BAALLEN			KEIJIRO NAKAMURA		KATSUZO SHIRAYAMA			SDSM	USA	1:57.11	
PETER ANDERSEN			SHOICHI SHIDA		ISAMU TAMURA			BARBARA DUNBAR			
MICHAEL AHERN			SOIK HELLAS	SWE	3:35.40	NILS FERM		MIKE AHERN			
MIKE FRESHLEY			LENNART INGMO		BO AMNELL			K PIPES-NEILSEN			
FHM BIRMINGHAM	GBR	2:13.45	BO AMNELL		ARNE JUTNER			MIKE KEENEY			
SOIK HELLAS	SWE	2:14.92	VCSS	CAN	3:58.84	JAMES WARD		SOIK HELLAS	SWE	1:57.79	
ERIC FORSLUND			JAMES WARD		JIM PANTON			PETER BERGENGREN			
MATTIAS KRONER			JIM PANTON		JIM PORTELANCE			SONJA HAGLUND			
INGVAR ERIKSSON			PETER LOFTS		PETER LOFTS			MARGARETA RAINER			
BO LJUNGBERG			REAL CANOE	ESP	4:36.36	VILAS		GLEN CHRISTIANSEN			
SOUTHPORT	GBR	2:16.13	VILAS		FERNANDEZ			NEP	CAN	1:57.80	
HAKUYO S	JPN	2:17.21	NERA		ALDANA			FRANK PERKS			
HIROSHI NONAKA			ALDANA		C.R.I.\INTTEGRA	BRA	4:48.32	CATHY MERRITT			
SEIKO OKAZAKI			AGE 360-399		KINGS CORMORANT	GBR	3:28.44	PEGGY BAXTER			
TAKASHI TERAKOSHI			KINGS CORMORANT	GBR	3:28.44	*****		DIMITRI KHODKO			
TOSHIYASU INUKAI			*****		RELAYS: MIXED 200 M. FREE			MSBC	CAN	1:58.48	
SG SCHONEBERG	GER	2:18.25	*****		*****			SARAH MACDONALD			
PETER BRANDT			AGE 100-119		NTMC	CAN	1:44.33	AART LOOYE			
BERND WUNSCH			NTMC		DOUG MCKAY			BARRY DAVIS			
WOLFGANG HOPP			DOUG MCKAY		MARIJANA PRIMORAC			JOHN GRAVE			
BERND REHBEIN			MARIJANA PRIMORAC		JANET MAYVILLE			OAHU KIOICHO	JPN	2:20.70	
MSBC	CAN	2:20.34	JANET MAYVILLE		BRAD JOHNSON			MASAYASU KAMIYA			
AART LOOYE			BRAD JOHNSON		SG WESER-EMS	GER	1:44.76	TERUO IWATA			
PETER BALL			SG WESER-EMS	GER	1:44.76	FRANK PATER		MASARU IGARASHI			
BARRY DAVIS			FRANK PATER		THILO FOCKE			TETSUO FUNANO			
JOHN GRAVE			THILO FOCKE		KAI LUDERS			AGE 280-319			
OAHU KIOICHO	JPN	2:20.70	KAI LUDERS		WILKO HEUTEN			NORTH CAROLINA	USA	2:22.33	
MASAYASU KAMIYA			WILKO HEUTEN		CMSC	CAN	1:46.14	CLARKE MITCHELL			
TERUO IWATA			CMSC		LISA MENSINK			JOHN KORTHEUER			
MASARU IGARASHI			LISA MENSINK		JEFF WELECHUK			DICK KITCHELL			
TETSUO FUNANO			JEFF WELECHUK		SHELLY PINDER			DICK WEBBER			
AGE 280-319			SHELLY PINDER		MARK JESSEE			DOLPHIN SC	JPN	2:26.99	
NORTH CAROLINA	USA	2:22.33	MARK JESSEE					S.SEKIKAWA			
CLARKE MITCHELL								MAMORU TANAKA			
JOHN KORTHEUER								HISAO MIKURIYA			
DICK KITCHELL								JIRO NAGASAWA			
DICK WEBBER								SUNWAY YOKOHAMA	JPN	2:27.95	
DOLPHIN SC	JPN	2:26.99						HIROSHI ISHIWATA			
S.SEKIKAWA								TETSUO NAKAMARU			
MAMORU TANAKA								HIYOSHI MAKIMOTO			
HISAO MIKURIYA								AGE 160-199			
JIRO NAGASAWA								NOTTINGHAM LEAN	GBR	1:47.12	
SUNWAY YOKOHAMA	JPN	2:27.95						AZ&PC	NED	1:48.41	
HIROSHI ISHIWATA								PETRA FROWIJN			
TETSUO NAKAMARU								P.VAN MEERVELD			
HIYOSHI MAKIMOTO								ATIE PIJTAK			
								EDWIN VAN NORDEN			
								SPOLISENS	SWE	1:49.67	
								JOAKIM SJOHOLM			
								SDSM	USA	2:05.91	

World Masters Top 10 SCM (25 M)

VINUS VAN BAALEN			MISAKO SHIMIZU			RON DEKKER			YMCA	CAN	2:15.37
JACKIE MARR			HIROKO OTANI			J.PAAP			ILKE LOWENSTEYN		
LYNNE LUND			Y.KAWABATA			GERLINDE BORST			IRA GLADSTONE		
MICHAEL AHERN			KINNOSUKE SAKAI			BARNET COPTHALL	GBR	1:59.95	IAN SMITH		
OREG	USA	2:06.56							SYLVIE LEPINE		
ROBERT SMITH			AGE 320-359			GOTEBORG SIM	SWE	2:00.40	KENILWORTH MAST	GBR	2:15.77
BARBARA FRID			FMM	USA	2:57.86	ANDREAS DENCKER					
JOY WARD			FLORENCE CARR			ANNA JENSEN			ICHIKAWA AC	JPN	2:15.80
TOM LANDIS			JUNE REYNOLDS			TORBJORJ WOLFFRAM			TAKEO HIRAMOTO		
BARNET COPTHALL	GBR	2:12.64	PAUL HUTINGER			JOHANNA STENBERG			YOSHIE HIRAISHI		
			BRUD CLEAVELAND			OTTER	GBR	2:00.64	TOMOYASU IIDA		
SOIK HELLAS	SWE	2:14.15	SOIK HELLAS	SWE	3:26.37	ACADEMIA 4X1	BRA	2:00.75	MAYUMI HIRAMOTO		
BO LJUNGBERG			EVA-BRITT WIDAH						VIC	CAN	2:17.14
B.HJALMARSSON			BARBRO THORNELOF			WITH H	JPN	2:02.19	SARAH MACDONALD		
BURE HARRIET			ARNE JUTNER			NORIKO OSUGI			JUDY WOODWARD		
INGVAR ERIKSSON			NILS FERM			AKINORI TACHI			ROD CARMICHAEL		
VSA HIRAKATA	JPN	2:14.90	KINGS CORMORANT	GBR	3:28.44	HIROYUKI NAKAMURA			LEON POLITANO		
SHIGEO MIYOSHI			COAST	USA	3:30.75	HARUKA ASUWA					
KYOKO NAITO			LOUSIE BOWERSOCK			MSBC	CAN	2:02.73	AGE 240-279		
NORIKO TERADA			MAURINE KORNFELD			KATHY GRAHAM			SDSM	USA	2:23.09
HIROSHI KOJIMA			WALT PFEIFFER			RIAZ BANDALI			JACKIE MARR		
ISLAND TAKATSUK	JPN	2:16.15	WOODY BOWERSOCK			GREG MARGHARITIS			PETER ANDERSEN		
MIKIKO YONEZAWA			C.R.I.\INTTEGRA	BRA	4:04.23	SARAH MACDONALD			MICHAEL AHERN		
TETSUYA YAMAMOTO			*****						LYNNE LUND		
KIYOKO IKEUCHI			*****			AGE 160-199			FHM BIRMINGHAM	GBR	2:29.93
KIHEI YOSHIMURA			RELAYS: MIXED 200 M. MEDLEY			NOTTINGHAM LEAN	GBR	1:59.68	BARNET COPTHALL	GBR	2:30.41
C.R.ICARAI	BRA	2:17.34	*****			TOTNES	GBR	2:02.87	MSBC	CAN	2:30.72
			AGE 100-119						AART LOOYE		
MSBC	CAN	2:18.56	TEAM DASH	JPN	1:55.66	SPOLISENS	SWE	2:04.05	PETER BELL		
JOHN GRAVE			HIROSHI NISHIMURA			JOAKIM SJOHOLM			BONNIE PRONK		
BARBARA WIENS			TAKASHI TESHIMA			JAN FARJH			BARBARA WIENS		
LEON POLITANO			MIHO OKUHARA			ARMI BAVERYD			CAP\CEP	BRA	2:31.43
BONNIE PRONK			YUKIKO OZAWA			KARIN BERGQVIST					
OAHU KIOICHO	JPN	2:18.61	BRITISH POLICE	GBR	1:56.39	FOOT	CAN	2:05.53	C.R.ICARAI	BRA	2:32.02
MASARU IGARASHI			NTMC	CAN	1:56.55	LISA DIXON			SV POSEIDON HAM	GER	2:37.10
A.KOBAYAKAWA			DOUG MCKAY			CAROLYN EMERY			KARIN EDELBUTTEL		
KEIKO YAMADA			JANET MAYVILLE			PETER FARIS			HELLA PETERS		
HARUMI SUGIMOTO			BRAD JOHNSON			BARRY SCOTT			WOLFRAM GOTTFRIED		
			MARIJANA PRIMORAC			CAMPHILL EDWARD	GBR	2:06.36	NAMFRED BONICKE		
AGE 280-319			BARNET COPTHALL	GBR	1:59.24	GSM	USA	2:06.78	SOIK HELLAS	SWE	2:37.12
JUEI CLUB	JPN	2:17.03	CFST	CAN	1:59.50	AMY CAROW			ERIC FORSLUND		
TERUKO NISHISAKO			MELANIE MARTIN			BEN DOYLE			HARRIET BURE		
MIYOKO IMURA			YANNICK ROBERT			REBECCA KALIBAT			INGVAR ERIKSSON		
SHOICHI SHIDA			HAYLEY JOHN			TOM EDENBAUM			B.HJALMARSSON		
KEIJIRO NAKAMURA			DAVID PAIN			MACO	USA	2:07.07	FLUMINENSE F.C.	BRA	2:37.68
SUNWAY YOKOHAMA	JPN	2:19.53	FORMULA ACADEMI	BRA	2:02.18	DAVID BURLESON					
SHOKO YONEZAWA						TOMAS OLIVA			C.R.I.\INTTEGRA	BRA	2:39.28
TAKAHIKO NOMA			OTTER	GBR	2:02.22	ROBIN PARISI					
MASAE KURATA			ACADEMIA PRAIA	BRA	2:02.50	SHARON FOLEY					
T.WATANABE			EMSC	CAN	2:03.63	TRAFFORD METRO	GBR	2:07.66			
ISLAND TAKARSUK	JPN	2:20.61	T.CHRZANOWSKI			PENN	USA	2:07.68	AGE 280-319		
SHINGO YAMAMOTO			K.VAN CAMPENHOUT			CAROLINE STEIN			JUEI CLUB	JPN	2:40.74
KIYOJI AMANO			TATE YOUNG			JAY PLATT			KEIJIRO NAKAMURA		
KEIKO FUJIMOTO			KEVIN GOLIGHTLY			TERRI CECATIELLO			TERUKO NISHISAKO		
HISAKO SATO			SL	CAN	2:03.77	PAUL SWEENEY			SHOSHIN MORI		
SOIK HELLAS	SWE	2:28.82	NATHALIE TREMBLAY			AQAUBEAR	GBR	2:07.84	YURIKO NAGAMATSU		
BO AMNELL			JULIE ROBERT						SUNWAY YOKOHAMA	JPN	2:42.85
MARIANNE GRANE			SYLVAIN PELLETIER			AGE 200-239			SHOKO YONEZAWA		
BRITT GRILLI			DAN BOTBOL			GOLD	USA	2:05.70	TETSUO NAKAMARU		
ERIC FORSLUND						DEBBIE CAVANAUGH			MINORU NAGASHIMA		
SDSM	USA	2:30.28	AGE 120-159			TIMOTHY SHEAD			MASAE KURATA		
ADRIENNE PIPES			BERLINER TSC	GER	1:57.70	BIRGIT LOHBERG			OAHU KIOICHO	JPN	2:45.83
DUANE DRAVES			HENDRIK FRITZ			CAV CAVANAUGH			MAMPEI SEINO		
BETSY JORDAN			ANDREAS SANDER			SOIK HELLAS	SWE	2:09.17	KEIKO YAMADA		
DONALD BAKER			SANDRA THIEME			MARGIT OHLSSON			MASAYASU KAMIYA		
C.R.I.\INTTEGRA	BRA	2:36.76	INA ZIEGLER			GLEN CHRISTIANSEN			KIYOE KOYAMA		
			TEAM DASH	JPN	1:57.99	HANS LJUNGBERG			SDSM	USA	2:49.11
HAKUYO S	JPN	2:37.09	TOSHIYUKI WATANAB			MARGARETA RAINER			BETSY JORDAN		
K.MOCHIZUKI			TAKASHI HIRAKAWA			SDSM	USA	2:11.82	BOB BEST		
KIMIKO YOSHINAGA			YOKO YAMAGUCHI			VINUS VAN BAALEN			DUANE DRAVES		
SACHIKO SATO			YAYOI SAKAMOTO			LAURA GALINSON			ADRIENNE PIPES		
TOSHIMI INATOMI			EMSC	CAN	1:58.16	PATRICIA THOMAS			ISLAND TAKATSUK	JPN	2:49.19
OAHU KIOICHO	JPN	2:40.33	DEBBIE YOUNGER			MIKE AHERN			KEIKO FUJIMOTO		
MASAYASU KAMIYA			TREVOR ONISHENKO			HADRIAN MASTERS	GBR	2:13.22	SHINGO YAMAMOTO		
YASUO KANAI			BARRY SARETSKY						HISAKO SATO		
TSURUYO TANAKA			TANIA PENDERGAST			HAYWARDS HEATH	GBR	2:13.87	KIYOJI AMANO		
NORIKO YATSUNAMI			DE IJSEL	NED	1:58.41	ACADEMIA 4X1	BRA	2:15.15	SOIK HELLAS	SWE	2:52.43
VCSS	CAN	2:44.08	LIANNEKE HUTTEMAN						MARIANNE GRANE		
JACK MORGAN									BO AMNELL		
NORMA POWELL									ERIC FORSLUND		
LEN COVERDALE											
BONNIE PRONK											
IBARAKI SC	JPN	2:45.78									

World Masters Top 10 SCM (25 M)

PETER BERGENGREN
FLUMINENSE F.C. BRA 2:57.39

KSCOTORIWINGSC JPN 2:58.55
MICHIKO HAMURO
TOSHIO TAJIMA
KIYOKO YONEDA
HIROYASU HAYASHI

BERLINER TSC GER 2:59.72
WALTRAUD KOMLING
HORST FRITSCH
GERHARD HUBNER
INGRID ROTHE-DAY
C.R.I.\INTTEGRA BRA 3:01.75

AGE 320-359
FMM USA 3:26.35

PAUL HUTINGER
GERTRUD ZINT
JEAN TROY
BRUD CLEAVELAND
SOIK HELLAS SWE 3:50.02

NILS FERM
LENNART INGMO
BARBRO THORNELOF
EVA-BRITT WIDAHN
C.R.I.\INTTEGRA BRA 3:56.18

C.R.FLAMENGO BRA 4:11.71

1776 USA 4:18.09

JEANNE MERRYMAN
NORMAN GARSOE
MARY WIXTED
CLARENCE WEBB

COAST USA 4:48.95
WOODY BOWERSOCK
WALT PFEIFFER
MAURINE KORNFELD
LOUSIE BOWERSOCK

AGE 360-399
CM USA 5:12.04

MADELEINE MILLER
MAXINE MERLINO
WALTER PFEIFFER
WOODY BOWERSOCK