



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2006

WOMEN 25-29										

50 M. FREE	1:05.61	KANA OHASHI	JPN	2:21.27	HITOMI MATSUDA	JPN	4:50.12	KRISTI LEE	USA	
27.01 MIHO OKUHARA	1:07.18	LAUREN MORELLI	USA	2:28.44	MARGIE PEDDER	USA	4:50.26	GRITH SIGSGAARD	NED	
27.08 HITOMI MATSUDA	1:09.45	HITOMI MATSUDA	JPN	2:29.41	ILDIKO SZEKELY	USA	4:51.90	LAURA VOLPI	ITA	
27.27 CAROLINE KILIAN	1:10.38	VALERIE HADD	CAN	2:32.92	ELVIRA JONKERS	NED	4:52.00	PAMELA KALAS	CAN	
27.62 MONICA BENVENUTI	1:10.46	E. EBENWALDNER	AUS	2:35.20	E. EBENWALDNER	AUS	4:52.09	ALEXANDRA NIETO	USA	
27.67 MARTINA AICHER	1:10.62	CHRISTINA CAIRNS	USA	2:36.13	COURTNEY MINETREE	USA	800 M. FREE			
27.84 TARA HUTT	1:10.89	MAGALI SCHUSTER	FRA	2:37.75	A. RUESS	GER	9:14.82	KIRSTEN CAMERON	NZL	
28.09 FLORENCIA SZIGETI	1:10.94	KATHLEEN BARRIS	USA	2:38.12	B. ROSELIN	VEN	9:44.73	FLORENCE CIOTTI	ITA	
28.12 LYNDSEY LINKE	1:11.31	ORIANA BURGIO	ITA	2:39.04	STACIA RIDDLE	AUS	9:44.73	JOY STOVER	USA	
28.14 CHRISTINE RICHTER	1:11.64	TANJA WIEGEL	GER	2:39.18	HEATHER KELLEY	USA	9:46.72	LAURIE DODD	USA	
28.14 TANJA WIEGEL	200 M. BACK			2:00 M. I.M.			9:57.51	DANIELA BAUMGARDT	GER	
100 M. FREE	2:17.56	KANA OHASHI	JPN	2:21.03	HITOMI MATSUDA	JPN	10:03.55	A.VON REKOWSKI	GER	
58.59 HITOMI MATSUDA	2:29.01	VALERIE HADD	CAN	2:28.19	KATJA BRASCHOSS	GER	10:03.60	LAURA VOLPI	ITA	
58.65 CAROLINE KILIAN	2:29.11	E. EBENWALDNER	AUS	2:28.24	ERIN MC INTYRE	USA	10:04.56	KRISTI LEE	USA	
58.75 KATATIN QUELLENEC	2:29.65	LAUREN MORELLI	USA	2:29.76	VALERIE HADD	CAN	10:09.97	KATHRIN KESSEN	GER	
59.45 TARA HUTT	2:32.29	ORIANA BURGIO	ITA	2:30.64	A.BEAL CLEUZIOU	FRA	10:11.83	MONICA FOX	USA	
59.64 MARTINA AICHER	2:32.50	DIANE BUIDUYET	FRA	2:32.16	MC CALL DORR	USA	1500 M. FREE			
59.79 MIHO OKUHARA	2:33.77	SOPHIE QUINET	FRA	2:32.75	MONICA BENVENUTI	ITA	17:47.22	KIRSTEN CAMERON	NZL	
1:00.65 MONICA BENVENUTI	2:34.42	MOLLIE GROVER	USA	2:33.36	ANNE VELEZ	FRA	18:33.52	LAURIE DODD	USA	
1:00.99 ERIN MCINTYRE	2:35.34	A.BEAL CLEUZIOU	FRA	2:33.48	MORGANE TURPIN	FRA	18:50.88	GRITH SIGSGAARD	NED	
1:01.51 MORGANE TURPIN	2:35.96	NICOLE TAMAYO	USA	400 M. I.M.			18:59.86	KYOKO MINOBE	JPN	
1:01.54 FLORENCIA SZIGETI	50 M. BRST			5:02.78	HITOMI MATSUDA	JPN	19:03.78	LAURA VOLPI	ITA	
200 M. FREE	33.68	HITOMI MATSUDA	JPN	5:15.80	KATJA BRASCHOSS	GER	19:33.41	NATHALIE BELAND	CAN	
2:06.83 HITOMI MATSUDA	34.28	KATJA BRASCHOSS	GER	5:18.41	ERIN MC INTYRE	USA	20:00.76	A.VON REKOWSKI	GER	
2:08.02 TATIANA BARBOSA	34.29	MARIANNE GUIRAUD	FRA	5:21.87	SARAH RICHTER	GER	20:02.76	MARLEEN VOS	NED	
2:10.54 MC CALL DORR	34.32	WIEBKE CONRAD	GER	5:22.60	ANNE VELEZ	FRA	20:09.44	E. MAWHINNEY	AUS	
2:10.82 TARA HUTT	34.58	M.BEAURIVAGE	CAN	5:22.88	A.JANITZKI	GER	20:32.50	MARTA GAIARDELLI	ITA	
2:11.21 ERIN MC INTYRE	34.97	FIONA MARSHALL	GBR	5:25.70	VALERIE HADD	CAN	50 M. BACK			
2:11.73 KATATIN QUELLENEC	35.00	BARBARA ARRIGO	ITA	5:29.37	KELLY PERRY	USA	30.82	NAHOMI SHIRATA	JPN	
2:13.63 MARCIE HERZOG	35.03	A.BEAL CLEUZIOU	FRA	5:30.37	PING LUO	CHN	32.25	NADINE ROLLAND	CAN	
2:14.19 MORGANE TURPIN	35.14	JIAJIA WANG	USA	5:31.89	EMILY HOBEL	USA	32.50	SHANNA GUZMAN	USA	
2:14.39 KATJA BRASCHOSS	35.23	SANNE OTTE	DEN	*****						
2:14.92 CHRISTINA CAIRNS	100 M. BRST			WOMEN 30-34						
400 M. FREE	1:12.65	HITOMI MATSUDA	JPN	*****						
4:28.30 HITOMI MATSUDA	1:14.97	KATJA BRASCHOSS	GER	50 M. FREE	1:00.25	LISE MACKIE	AUS	1:08.01	NAHOMI SHIRATA	JPN
4:38.60 KATJA BRASCHOSS	1:15.33	WIEBKE CONRAD	GER	27.00	BARBARA COLORIO	ITA	1:08.29	C.J-SPONSELLER	USA	
4:41.64 ARLETTE ALEXANDER	1:16.95	SANNE OTTE	DEN	27.41	TAMARA VAN GORKOM	NED	1:09.24	SHANNA GUZMAN	USA	
4:41.94 ERIN MCINTYRE	1:17.25	BARBARA ARRIGO	ITA	27.43	ALISON TERRY	USA	1:11.50	A.BALDINI	ITA	
4:43.35 CHRISTINA CAIRNS	1:17.39	KYLA STEENHART	NZL	27.45	JANET MAYVILLE	CAN	1:11.96	NADINE ROLLAND	CAN	
4:46.61 DARLENE FRIEDLEY	1:17.86	ALEXANDRA JANITZKI	GER	27.59	LISE MACKIE	AUS	1:11.98	ERIKA BRAUN	USA	
4:46.64 E. EBENWALDNER	1:18.72	EMILY HOBEL	USA	27.61	VICTORIA NAESS	CAN	1:12.08	RAPHAELA RICHTER	GER	
4:48.88 LINDA TURINI	1:18.79	FIONA MARSHALL	GBR	27.70	ROSARIA CASSARO	ITA	1:12.12	CAROLA RUWOLDT	GER	
4:49.90 MARCIE HERZOG	1:18.87	MARIANNE GUIRAUD	FRA	28.00	KAORU OHISA	JPN	1:12.19	C.LE GARREC	FRA	
4:50.10 S.BRUNCKHORST	200 M. BRST			28.06	FLORENCE CIOTTI	ITA	1:12.65	LEANNE BLANEY	AUS	
800 M. FREE	2:35.46	HITOMI MATSUDA	JPN	28.10	ERIKA BRAUN	USA	200 M. BACK			
9:35.03 ERIN MC INTYRE	2:38.22	KATJA BRASCHOSS	GER	100 M. FREE	59.88	ALISON TERRY	USA	2:30.48	SHANNA GUZMAN	USA
9:42.57 MARCIE HERZOG	2:44.88	WIEBKE CONRAD	GER	1:00.25	LISE MACKIE	AUS	2:33.21	NAHOMI SHIRATA	JPN	
9:43.72 ARLETTE ALEXANDER	2:45.95	SANNE OTTE	DEN	1:00.61	VICTORIA NAESS	CAN	2:34.93	ALISON USHER	GBR	
9:46.34 CHRISTINA CAIRNS	2:47.62	BARBARA ARRIGO	ITA	1:00.82	JANET MAYVILLE	CAN	2:35.95	KAORU OHISA	JPN	
9:49.24 E. EBENWALDNER	2:49.12	ALEXANDRA JANITZKI	GER	1:01.51	FRANCESCA MANERBA	ITA	2:36.83	VICTORIA NAESS	CAN	
9:51.71 BIANCA COX	2:50.17	KYLA STEENHART	NZL	1:01.79	KIRSTEN CAMERON	NZL	2:36.92	RAPHAELA RICHTER	GER	
9:55.70 LINDA TURINI	2:54.24	MARIAMA CISS	FRA	1:01.79	DANIELA BAUMGARDT	GER	2:37.19	CAROLA RUWOLDT	GER	
10:02.08 COURTNEY MINETREE	2:54.46	E. EBENWALDNER	AUS	1:02.08	ERIKA BRAUN	USA	2:37.78	LAURA VOLPI	ITA	
10:06.49 JULIE KERN	2:54.60	RUTH MORRISON	GBR	1:02.38	LYNNE HAYES	AUS	2:38.09	JANE SOLOMON	AUS	
10:09.87 MORGANE TURPIN	50 M. FLY			1:02.51	FLORENCE CIOTTI	ITA	2:39.15	MELISSA VARLAS	USA	
1500 M. FREE	28.72	SHELLY JOHNSTON	USA	200 M. FREE	50 M. BRST					
18:58.04 SUSANNE KELLER	28.81	HITOMI MATSUDA	JPN	2:10.18	KIRSTEN CAMERON	NZL	35.32	DORA SZORCSEI	HUN	
19:00.00 LINDA TURINI	28.98	LYNDSEY LINKE	USA	2:12.16	VICTORIA NAESS	CAN	35.45	KAREN JACKSON	GBR	
19:22.65 CHRISTINA CAIRNS	29.08	DIANE BUIDUYET	FRA	2:14.07	CINDY BERTELINK	CAN	35.52	AKIKO KIYONAGA	JPN	
19:26.80 GIUSEPPA ZIZZO	29.32	MC CALL DORR	USA	2:14.91	JOY STOVER	USA	36.02	HELEN SALCEDO	USA	
19:35.18 DARLENE FRIEDLEY	29.36	MIHO OKUHARA	JPN	2:15.11	ANNETTE SALMEEN	USA	36.17	SARAH JAMES	AUS	
19:36.49 KELLY PERRY	29.53	E.BELLINGER	GBR	2:15.88	LIMIN LIU	CHN	36.19	CAROLINE MATHIAS	FRA	
19:48.59 RHIANNON GUY	29.77	A.HASSLACHER	GER	2:16.52	TAMARA VAN GORKOM	NED	36.34	BARBARA COLORIO	ITA	
19:58.75 COURTNEY MINETREE	29.79	MORGANE TURPIN	FRA	2:16.77	PAMELA DEL TERRA	ITA	36.39	CECILE ROUCHON	FRA	
20:00.23 AURELIE GOFFIN	29.93	MARGO DIAMOND	USA	2:17.14	FLORENCE CIOTTI	ITA	36.46	HELEN ROLLE	GBR	
20:24.88 KEIKO YAMADA	100 M. FLY			2:17.30	DANIELA BAUMGARDT	GER	36.52	ANGELIQUE DUPONT	FRA	
50 M. BACK	1:03.18	SHELLY JOHNSTON	USA	400 M. FREE	1:17.41	KAREN JACKSON	GBR			
31.42 KANA OHASHI	1:03.29	HITOMI MATSUDA	JPN	4:30.12	KIRSTEN CAMERON	NZL	1:17.43	CAROLINE MATHIAS	FRA	
31.82 LAUREN MORELLI	1:04.81	DIANE BUIDUYET	FRA	4:40.68	JOY STOVER	USA	1:18.76	HELEN SALCEDO	USA	
32.43 MARGO DIAMOND	1:05.37	MC CALL DORR	USA	4:43.09	LAURIE DODD	USA	1:19.47	ANDREA PACKARD	USA	
32.53 MAGALI SCHUSTER	1:06.04	E.BELLINGER	GBR	4:44.60	DANIELA BAUMGARDT	GER	1:20.16	BARBARA COLORIO	ITA	
32.63 NICOLE TAMAYO	1:06.82	ILDIKO SZEKELY	USA	4:48.78	CINDY BERTELINK	CAN	1:20.28	MARIT BREITFELD	GER	
33.07 TARA HUTT	1:06.92	MORGANE TURPIN	FRA							
33.13 CHRISTINE RICHTER	1:07.06	MARTINA AICHER	GER							
33.17 KATJA TROSIEN	1:07.09	LYNDSEY LINKE	USA							



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9:36.13	SUSAN DOMBKOWSKI	USA	2:55.72	ANGELA DELISSEN	GER	100 M. FREE	2:39.53	NAOKO SHIDE	JPN		
9:41.72	LISA HAZEN	USA	2:58.01	ELKE SCHMITZ	GER	1:01.92	KATHY GARNIER	USA	2:39.67	LYNN DE GEORGE	USA
9:43.38	N.MUIR-COCHRANE	GBR	3:00.51	MONICA CORO	ITA	1:02.83	S.HEIM-BOWEN	USA	2:40.68	ROBIN KLESTINEC	USA
9:44.37	C.PETERSEN	USA	3:02.43	M.CHARLES	FRA	1:02.86	SARAH MACDONALD	CAN	2:41.87	JENNIFER STILL	USA
9:48.02	CLAUDIA KERN	GER	3:03.44	DAWN SCHROEDER	USA	1:03.09	BRIGITTE HEUER	USA	2:42.58	TERRI MAGINNIS	USA
9:59.27	JANA MATENA	USA	3:04.18	NADINE ROYLE	NZL	1:03.32	REBECCA PERROTT	NZL	2:42.68	ZENA COURTNEY	USA
9:59.99	S.REIBEL-OBERLE	GER	3:04.18	C.BLEUL-GOHLKE	USA	1:03.36	BARBARA GELLRICH	GER	2:43.79	CECILIA STANFORD	RSA
10:05.01	ELKE HAGEDORN	GER	3:04.47	HANNAH UECKERMANN	GBR	1:04.40	KIM CROUCH	USA	2:44.11	LESLEY WILDE	GBR
10:11.72	S.PALMER-WHITE	AUS	50 M. FLY			1:04.51	MARGE CURRAN	USA	2:44.63	ANN KOURI	CAN
	1500 M. FREE		28.62	S.VON DER LIPPE	USA	1:04.55	TANYA HANSON	USA	2:44.91	K.ANDRUS-HUGHES	USA
18:52.84	N.MUIR-COCHRANE	GBR	29.41	EDITH OTTERMANN	RSA	1:04.61	ELENE KAY JONES	USA	50 M. BRST		
19:49.51	JANA MATENA	USA	29.54	SILVIA PAROCCHI	ITA	200 M. FREE			37.52	SARAH MACDONALD	CAN
19:50.68	ARLENE DELMAGE	USA	29.79	SUSAN WALSH	USA	2:14.83	S.HEIM-BOWEN	USA	37.55	BRIGITTE HEUER	USA
19:52.24	NAOMI TANAKA	JPN	29.95	DANIELA DE PONTI	ITA	2:16.41	SUSANNE SIMPSON	USA	38.00	JENNY WHITELEY	AUS
20:08.98	LISA SHEEPER	USA	30.14	ANN WORTHINGTON	USA	2:16.85	REBECCA PERROTT	NZL	38.08	E.HAKANSSON	CAN
20:11.83	MIMI COOK	USA	30.55	ANNA PETTIS-SCOTT	USA	2:16.90	ELENE KAY JONES	USA	38.20	EDITH MOREAU	FRA
20:13.43	BRIDGET BEWICK	GBR	30.63	K.PIPES-NEILSEN	USA	2:18.30	LYNN MARSHALL	CAN	38.32	URSULA RICHTER	GER
20:14.90	ANNA RAY DELOZIER	USA	30.68	HAYLEY BETTINGSON	GBR	2:20.07	MARGE CURRAN	USA	38.39	BARBARA GELLRICH	GER
20:16.70	PATRIZIA CASARI	ITA	30.76	SILVIA BUXTON	USA	2:20.07	JENNY WHITELEY	AUS	38.41	CAROLA VAN DAM	RSA
20:49.70	ELISABETTA AMICI	ITA	100 M. FLY			2:20.22	ANDREA BLOCK	USA	38.45	HOLLY VAUGHN	USA
	50 M. BACK		1:03.38	S.VON DER LIPPE	USA	2:20.80	BARBARA GELLRICH	GER	38.47	AMANDA HEATH	GBR
32.40	SUSAN WALSH	USA	1:06.73	DANIELA DE PONTI	ITA	2:22.13	KAREN ELLY	GBR	100 M. BRST		
32.41	VALERIE JENKINS	USA	1:07.00	SILVIA PAROCCHI	ITA	400 M. FREE			1:20.94	JENNY WHITELEY	AUS
32.82	HIROKO NOGUCHI	JPN	1:07.34	MARZENA KULIS	ITA	4:40.85	S.HEIM-BOWEN	USA	1:22.46	SARAH MACDONALD	CAN
32.99	SILVIA PAROCCHI	ITA	1:07.41	K.PIPES-NEILSEN	USA	4:43.39	LYNN MARSHALL	CAN	1:23.14	JAN CLARKSON	AUS
33.06	JUNKO NAKANO	JPN	1:08.48	ARLENE DELMAGE	USA	4:44.30	SUSANNE SIMPSON	USA	1:23.86	KIM CROUCH	USA
33.38	MIKI NAMAI	JPN	1:09.00	SUSAN PRESTON	USA	4:46.97	ELENE KAY JONES	ITA	1:23.99	BRIGITTE HEUER	USA
33.42	JENNIFER STEIN	USA	1:09.22	CRISTINA NISTRI	ITA	4:53.00	ROBIN KLESTINEC	USA	1:24.45	HOLLY VAUGHN	USA
33.50	FALL WILLEBOORDSE	USA	1:09.24	JANNE THORSTENSEN	NOR	4:53.60	MARGE CURRAN	USA	1:24.52	PATRICIA MILLER	USA
33.65	MARIKA MCCUE	USA	1:09.28	SHIZUKO HIRAISHI	JPN	4:54.88	TANJA ENGELS	GER	1:24.80	AMANDA HEATH	GBR
33.79	ELLEN REYNOLDS	USA	200 M. FLY			4:56.09	REBECCA PERROTT	NZL	1:25.03	KATE SORENSEN	DEN
	100 M. BACK		2:24.78	S.VON DER LIPPE	USA	4:56.54	BARBARA GELLRICH	GER	1:25.36	MARJA BLOEMZAAD	NED
1:08.93	K.PIPES-NEILSEN	USA	2:25.15	SUSAN PRESTON	USA	4:58.94	DENISE BROWN	USA	200 M. BRST		
1:11.00	ELLEN REYNOLDS	USA	2:33.74	CYNTHIA PINCOTT	CAN	800 M. FREE			3:00.30	JENNY WHITELEY	AUS
1:11.21	SILVIA PAROCCHI	ITA	2:34.48	ARLENE DELMAGE	USA	9:34.77	S.HEIM-BOWEN	USA	3:00.55	KIM CROUCH	USA
1:11.23	SUSAN WALSH	USA	2:36.50	S. PALMER-WHITE	AUS	9:51.23	SUSANNE SIMPSON	USA	3:02.19	KATE SORENSEN	DEN
1:12.18	SALLY BELL	AUS	2:36.92	JUDY BROWN	GBR	9:51.67	MARGE CURRAN	USA	3:02.82	AMANDA HEATH	GBR
1:12.33	JUNKO NAKANO	JPN	2:37.33	CRISTINA NISTRI	ITA	9:55.42	LYNN MARSHALL	CAN	3:02.86	MARJA BLOEMZAAD	NED
1:12.66	FALL WILLEBOORDSE	USA	2:37.64	HEIKE RUCKER	GER	9:56.41	ELENE KAY JONES	USA	3:03.27	JAN CLARKSON	AUS
1:12.88	ANGELA DELISSEN	GER	2:40.12	SHIZUKO HIRAISHI	JPN	10:01.17	LYNN DE GEORGE	USA	3:04.11	JAYNE O'BRIEN	GBR
1:12.95	MIKI NAMAI	JPN	2:41.24	DORIT GIERKE	GER	10:01.39	ROBIN KLESTINEC	USA	3:06.77	HOLLY VAUGHN	USA
1:13.37	MARIKA MC CUE	USA	200 M. I.M.			10:10.74	BARBARA GELLRICH	GER	3:07.33	PATRICIA MILLER	USA
	200 M. BACK		2:27.57	K.PIPES-NEILSEN	USA	10:12.89	DENISE BROWN	USA	3:07.79	VERITY DOBBIE	GBR
2:28.36	K.PIPES-NEILSEN	USA	2:31.84	MARZENA KULIS	ITA	10:13.65	ANDREA BLOCK	USA	50 M. FLY		
2:31.81	SILVIA PAROCCHI	ITA	2:32.95	SUSAN PRESTON	USA	1500 M. FREE			30.55	LISA DAHL	USA
2:33.10	ELLEN REYNOLDS	USA	2:33.86	SILVIA PAROCCHI	ITA	18:31.35	LYNN MARSHALL	CAN	30.68	KARIN SEICK	GER
2:35.83	ANGELA DELISSEN	GER	2:35.10	ANGELA DELISSEN	GER	18:36.80	ELENE KAY JONES	ITA	31.00	BRIGITTE HEUER	USA
2:37.11	C.PETERSEN	USA	2:35.46	S.REIBEL-OBERLE	GER	19:47.92	KAREN ELLY	GBR	31.07	ANDREA BLOCK	USA
2:38.04	LAURA SMITH	USA	2:37.76	C.PETERSEN	USA	19:49.79	ANDREA BLOCK	USA	31.35	VERA CAPKOVA	BEL
2:39.06	MIKI NAMAI	JPN	2:39.56	JUDY BROWN	GBR	19:57.23	DENISE BROWN	USA	31.40	BARBARA GELLRICH	GER
2:39.07	SALLY BELL	AUS	2:39.62	ELLEN REYNOLDS	USA	20:11.01	CECILIA STANFORD	RSA	31.60	HARUMI SUGINUMA	JPN
2:39.56	N.MUIR-COCHRANE	GBR	2:40.30	SOPHIE MONGINET	BRA	20:30.52	MARGUERITE MEYER	USA	31.87	MICHELLE DIGE	GBR
2:41.29	VALERIE JENKINS	USA	400 M. I.M.			20:37.17	LYNN DEGEORGE	USA	31.99	ANN KOURI	CAN
	50 M. BRST		5:13.32	K.PIPES-NEILSEN	USA	20:38.94	JOANNE SUTCLIFFE	AUS	32.14	KRIS EDWARDS	USA
33.25	S.VON DER LIPPE	USA	5:21.87	MARZENA KULIS	ITA	20:45.11	MARJA BLOEMZAAD	NED	100 M. FLY		
34.60	S.SEMINATORE	ITA	5:27.97	S.REIBEL-OBERLE	GER	50 M. BACK			1:08.77	ANDREA BLOCK	USA
35.76	MARZENA KULIS	ITA	5:32.44	ANGELA DELISSEN	GER	32.65	VERA CAPKOVA	BEL	1:09.53	CECILIA STANFORD	RSA
36.02	ELKE SCHMITZ	GER	5:32.53	CYNTHIA PINCOTT	CAN	33.18	KARIN SEICK	GER	1:09.58	SUSANNE SIMPSON	USA
36.27	SHEILA ARREDONDO	USA	5:33.35	JUDY BROWN	GBR	33.34	K.ANDRUS-HUGHES	USA	1:09.95	REBECCA PERROTT	NZL
36.37	YOKO OZAKI	JPN	5:33.47	LAUREN WELTING	USA	34.08	UTE ROMBERG	GER	1:10.85	BARBARA GELLRICH	GER
36.55	MONICA CORO	ITA	5:36.50	N.MUIR-COCHRANE	GBR	34.21	LISA DAHL	USA	1:11.56	LYNN MARSHALL	CAN
37.08	M.CHARLES	FRA	5:37.85	C.BLEUL-GOHLKE	USA	34.36	SARAH MACDONALD	CAN	1:12.76	MARIA HUNG	VEN
37.26	ANGELA KRAUSE	GER	5:42.35	ELLEN REYNOLDS	USA	34.68	MIYUKI UEDA	JPN	1:13.15	ROBIN KLESTINEC	USA
37.41	CARLA DE GIOANNIS	ITA				34.73	MONICA BAILEY	USA	1:13.40	HARUMI SUGINUMA	JPN
	100 M. BRST					34.80	LESLIE LIVINGSTON	USA	1:13.72	PAULA ROEMER	USA
1:13.34	S.VON DER LIPPE	USA				34.83	LYNN DE GEORGE	USA	200 M. FLY		
1:14.90	MARZENA KULIS	ITA				100 M. BACK			2:32.07	SUSANNE SIMPSON	USA
1:19.24	S.SEMINATORE	ITA	50 M. FREE			1:11.18	VERA CAPKOVA	BEL	2:33.37	LYNN MARSHALL	CAN
1:19.82	MONICA CORO	ITA	27.76	BRIGITTE HEUER	USA	1:14.14	UTE ROMBERG	GER	2:34.05	ANDREA BLOCK	USA
1:20.70	SHEILA ARREDONDO	USA	27.81	LISA DAHL	USA	1:14.21	LYNN DE GEORGE	USA	2:35.38	ROBIN KLESTINEC	USA
1:21.07	ELKE SCHMITZ	GER	28.23	SARAH MACDONALD	CAN	1:14.22	ANN KOURI	CAN	2:41.89	LAURIE ALIOTO	USA
1:21.45	K.PIPES-NEILSEN	USA	28.56	S.HEIM-BOWEN	USA	1:14.59	K.ANDRUS-HUGHES	USA	2:43.93	MARIA HUNG	VEN
1:21.75	M.CHARLES	FRA	28.82	KATHY GARNIER	USA	1:14.92	CECILIA STANFORD	RSA	2:48.55	CHERYL OLSON	USA
1:22.01	YOKO OZAKI	JPN	28.86	EDITH MOREAU	FRA	1:15.38	BONNIE BILICH	USA	2:49.84	DENISE BROWN	USA
1:23.55	DAWN SCHROEDER	USA	28.94	KARIN SEICK	GER	1:15.48	JENNIFER STILL	USA	2:50.94	RENATE CHRIST	GER
	200 M. BRST		29.18	HEATHER SHANNON	USA	1:15.58	ZENA COURTNEY	USA	2:51.27	MARGUERITE MEYER	USA
2:38.44	S.VON DER LIPPE	USA	29.21	BARBARA GELLRICH	GER	1:16.42	MONICA BAILEY	USA	2:55.64	I.M.	
2:43.17	MARZENA KULIS	ITA	29.39	PAULA ROEMER	USA	200 M. BACK			2:30.64	CECILIA STANFORD	RSA



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2:36.54	REBECCA PERROTT	NZL	11:17.66	ELAINE FINCHAM	USA	50 M. FLY	1:10.55	ANNE LA BORWIT	USA		
2:40.09	LYNN DE GEORGE	USA	1500 M. FREE			31.19	ANGELA ZINGLER	GER	1:11.37	JOEL FELDMANN	USA
2:40.54	LYNN MARSHALL	CAN	19:55.00	C.TARANTINO	ITA	31.50	MELINDA MANN	USA	1:12.18	DEBORAH BARTON	GBR
2:40.55	BARBARA GELLRRICH	GER	20:11.89	CHARLENE O'BRIEN	USA	31.86	SACHIKO SAITO	JPN	200 M. FREE		
2:42.37	ANN KOURI	CAN	21:08.11	CHRISTIE CIRAULO	USA	32.06	HEATHER CAMPBELL	NZL	2:18.04	LAURA VAL	USA
2:43.92	KIM CROUCH	USA	21:59.37	JENNY PASCOE	NZL	32.47	HEATHER CAMPBELL	RSA	2:33.30	CONNY BOER-BUIJS	NED
2:44.81	JENNY COOK	USA	22:12.91	JUNKO SATO	JPN	32.59	CHRISTIE CIRAULO	USA	2:34.57	ROSARIO VIVANCO	PER
2:45.93	JENNY WHITELEY	AUS	22:45.25	LEONIE O'CONNELL	AUS	32.64	CHARLENE O'BRIEN	USA	2:35.42	ANNE LA BORWIT	USA
2:46.41	TERRI MAGINNIS	USA	22:49.12	JO ANN HARRELSON	USA	32.67	STEPHANIE ROLLINS	USA	2:37.11	CELESTE MILLER	USA
400 M. I.M.			22:55.63	HEATHER ROUEN	AUS	33.32	KAREN ROSENER	USA	2:38.70	CAROLYN ROCHE	USA
5:33.29	REBECCA PERROTT	NZL	23:05.24	DIANE PERNDT	AUS	33.46	JACKI HIRSTY	USA	2:40.22	MARGARETA RAINER	SWE
5:36.38	LYNN MARSHALL	CAN	23:06.69	MARCIA BENJAMIN	USA	100 M. FLY			2:40.38	SANDERINA KRUGER	RSA
5:42.02	CECILIA STANFORD	RSA	50 M. BACK			1:11.08	MELINDA MANN	USA	2:40.69	BARB GUNDRED	USA
5:44.03	LYNN DE GEORGE	USA	34.99	PATTY LANDERS	USA	1:11.61	ANGELA ZINGLER	GER	2:40.87	BARBARA DUNBAR	USA
5:52.29	JENNY COOK	USA	35.22	ANGELA ZINGLER	GER	1:12.94	CHARLENE O'BRIEN	USA	400 M. FREE		
5:54.12	ROBIN KLESTINEC	USA	35.39	S.RAMOGER RIGAUD	FRA	1:14.80	MARY LIPPOLD	USA	4:50.72	LAURA VAL	USA
5:55.48	LAURIE ALIOTO	USA	35.61	EVIE LYNCH	USA	1:16.38	SACHIKO SAITO	JPN	5:24.26	BARBARA DUNBAR	USA
5:58.53	RENATE CHRIST	GER	36.04	MORAG BROMFIELD	RSA	1:16.82	BRIDGET VACHE	USA	5:26.09	CELESTE MILLER	USA
6:00.48	JEAN DEGENAAR	RSA	36.13	NORIKO KOBAMATSU	JPN	1:17.20	SUSAN SKIFF	GER	5:27.95	ANNE LA BORWIT	USA
6:00.62	MARGUERITE MEYER	USA	36.30	C.TARANTINO	ITA	1:19.27	MELON DASH	USA	5:28.73	BARB GUNDRED	USA
			36.82	BARBARA JONES	USA	1:19.81	LAURA VACA	MEX	5:29.54	CAROLYN ROCHE	USA
*****			37.02	L.CRITTENDEN	USA	1:19.97	PEGGY MCDONNELL	USA	5:30.30	TERRY SUE GAULT	USA
	WOMEN 50-54		37.22	LINDA HUNT	CAN	200 M. FLY			5:30.73	ROSARIO VIVANCO	PER
*****			100 M. BACK			2:52.99	LAURA VACA	MEX	5:35.27	DEB WALKER	USA
50 M. FREE			1:15.98	PATTY LANDERS	USA	2:54.38	M.NEUMEISTER	GER	5:37.10	MARGARETA RAINER	SWE
28.88	ANGELA ZINGLER	GER	1:16.95	KAREN EINSIDLER	USA	3:00.18	ELAINE FINCHAM	USA	800 M. FREE		
28.99	BERGER TALOCHINO	FRA	1:17.33	EVIE LYNCH	USA	3:01.57	FRANCES PENWARDEN	GBR	10:07.32	LAURA VAL	USA
29.33	JACKI HIRSTY	USA	1:18.32	NORIKO KOBAMATSU	JPN	3:03.13	DEBBIE GLASSMAN	USA	11:08.48	BARBARA DUNBAR	USA
29.40	HEATHER CAMPBELL	NZL	1:19.60	C.TARANTINO	ITA	3:04.04	CLARE DAVIE	RSA	11:12.25	CAROLYN ROCHE	USA
29.42	L.CRITTENDEN	USA	1:20.04	S.RAMOGER RIGAUD	FRA	3:05.30	CLAUDIA CORTES	USA	11:16.23	BARB GUNDRED	USA
29.77	M.VON RICHTHOFEN	GER	1:20.65	MORAG BROMFIELD	RSA	3:07.17	MIRA GUGLIELMI	ITA	11:24.42	TERRY SUE GAULT	USA
29.98	BARBARA JONES	USA	1:21.23	CLARE DAVIE	RSA	3:11.00	KYOKO SHIMOYAMA	JPN	11:31.28	MARGARETA RAINER	SWE
30.02	MARY LIPPOLD	USA	1:22.35	PILAR AVRITH	CAN	3:12.17	JUNKO SATO	JPN	11:36.28	ROSARIO VIVANCO	PER
30.15	PAT SARGEANT	USA	1:22.91	ANKE BAUER	GER	200 M. I.M.			11:44.43	MARISSA ROLLNICK	RSA
30.34	AVILA RHODES	CAN	200 M. BACK			2:45.74	HEATHER CAMPBELL	NZL	11:50.82	MEREDITH MOORE	USA
100 M. FREE			2:43.14	PATTY LANDERS	USA	2:46.69	LAURA VACA	MEX	11:54.50	SALLY GUTHRIE	USA
1:03.61	JACKI HIRSTY	USA	2:48.36	KAREN EINSIDLER	USA	2:48.50	LO KNAPP	USA	1500 M. FREE		
1:04.23	HEATHER CAMPBELL	NZL	2:49.19	EVIE LYNCH	USA	2:49.62	HEATHER CAMPBELL	RSA	21:18.17	BARBARA DUNBAR	USA
1:05.14	LYNN MORRISON	USA	2:49.89	CLARE DAVIE	RSA	2:53.32	SUSANNA SORDELLI	ITA	21:24.66	CELESTE MILLER	USA
1:05.15	ANGELA ZINGLER	GER	2:55.21	NORIKO KOBAMATSU	JPN	2:53.34	C.TARANTINO	ITA	22:53.13	LINDA SHOENBERGER	USA
1:05.21	BERGER TALOCHINO	FRA	2:56.87	PEGGY MCDONNELL	USA	2:54.15	PEGGY MCDONNELL	USA	23:00.41	SALLY GUTHRIE	USA
1:06.39	MARY LIPPOLD	USA	2:57.80	B.STATKEVICIENE	LTU	2:56.01	BRIDGET VACHE	USA	23:29.25	MARISSA ROLLNICK	RSA
1:06.40	L.CRITTENDEN	USA	2:58.75	M.SCHONEBERGER	USA	2:56.15	IRINA SHANGINA	RUS	23:45.38	ANN CAMPBELL	AUS
1:07.13	M.VON RICHTHOFEN	GER	2:58.95	S.RAMOGER RIGAUD	FRA	2:57.09	PAT SARGEANT	USA	24:13.67	RITSUKO KUROSAWA	JPN
1:07.30	ATIE PIJTAK	NED	3:00.61	VANDERFLEET-SCOTT	CAN	400 M. I.M.			24:20.14	KEIKO NOGUCHI	JPN
1:07.47	HEATHER CAMPBELL	RSA	50 M. BRST			5:55.99	LAURA VACA	MEX	24:27.83	MIREILLE RICHTER	SUI
200 M. FREE			37.51	MELINDA MANN	USA	6:02.90	C.TARANTINO	ITA	24:31.70	DANIELA BALDUCCI	ITA
2:23.31	JACKI HIRSTY	USA	37.75	DAGMAR FRESE	GER	6:08.79	LO KNAPP	USA	50 M. BACK		
2:24.37	KAREN EINSIDLER	USA	37.95	L.CRITTENDEN	USA	6:12.17	ELAINE FINCHAM	USA	34.12	LAURA VAL	USA
2:24.66	CHARLENE O'BRIEN	USA	38.70	AVILA RHODES	CAN	6:16.01	ATIE PIJTAK	NED	35.13	BENEDICTE DUPREZ	FRA
2:25.94	HEATHER CAMPBELL	NZL	38.82	REGULA STEIGER	SUI	6:16.44	CLARE DAVIE	RSA	36.79	MICHIKO KIHARA	JPN
2:26.14	MARY LIPPOLD	USA	39.20	PETRA SCHROER	GER	6:17.05	PEGGY MCDONNELL	USA	36.97	DEBORAH BARTON	GBR
2:28.83	ATIE PIJTAK	NED	39.41	PATRICIA WARREN	GBR	6:19.40	SUSANNA SORDELLI	ITA	37.02	BROOKE LYNCH	USA
2:28.98	LO KNAPP	USA	39.85	LISA BENNETT	USA	6:20.83	IRINA SHANGINA	RUS	37.77	C.PANIGHETTI	USA
2:29.51	CAROLYN BATTIN	USA	40.05	MONICA TRIPI	ITA	6:21.06	ULRIKE URBANIAK	GER	37.83	TAKAKO NAKAHARA	JPN
2:29.87	BERGER TALOCHINO	FRA	40.22	ULRIKE URBANIAK	GER				37.88	JAN MILLER	USA
2:30.36	BRIDGET VACHE	USA	100 M. BRST			*****			38.34	BARB GUNDRED	USA
400 M. FREE			1:23.47	DAGMAR FRESE	GER				38.50	LESLIE HARDT	USA
5:04.00	KAREN EINSIDLER	USA	1:23.67	AVILA RHODES	CAN	*****			100 M. BACK		
5:04.59	CHARLENE O'BRIEN	USA	1:24.36	MELINDA MANN	USA	50 M. FREE			1:16.31	LAURA VAL	USA
5:10.23	LAURA VACA	MEX	1:26.60	L.CRITTENDEN	USA	29.39	LAURA VAL	USA	1:17.21	BENEDICTE DUPREZ	FRA
5:12.43	C.TARANTINO	ITA	1:26.94	PETRA SCHROER	GER	30.37	CONNY BOER-BUIJS	NED	1:22.30	BARB GUNDRED	USA
5:13.63	BRIDGET VACHE	USA	1:27.23	FRANCES PENWARDEN	GBR	30.43	COLNY TUCKER	USA	1:22.81	C.PANIGHETTI	USA
5:13.81	CAROLYN BATTIN	USA	1:27.33	ULRIKE URBANIAK	GER	30.56	CHARLOTTE DAVIS	USA	1:22.97	ANNE CORK	GBR
5:15.42	JO MOORE	USA	1:27.79	LO KNAPP	USA	30.96	SANDERINA KRUGER	RSA	1:23.77	BROOKE LYNCH	USA
5:18.85	MARY LIPPOLD	USA	1:28.14	PATRICIA WARREN	GBR	31.17	JOEL FELDMANN	USA	1:24.05	ANNE LA BORWIT	USA
5:20.37	SUSANNA SORDELLI	ITA	1:28.40	MELON DASH	USA	31.41	ROSARIO VIVANCO	PER	1:24.15	JAN MILLER	USA
5:21.86	ATIE PIJTAK	NED	200 M. BRST			32.06	MICHIKO KIHARA	JPN	1:24.87	JANETTE JEFFREY	AUS
800 M. FREE			3:04.42	DAGMAR FRESE	GER	32.35	DEBORAH BARTON	GBR	1:24.88	TAKAKO NAKAHARA	JPN
10:27.62	CHARLENE O'BRIEN	USA	3:04.47	AVILA RHODES	CAN	32.42	JUDY LIM-SHARPE	USA	200 M. BACK		
10:35.50	KAREN EINSIDLER	USA	3:06.51	ULRIKE URBANIAK	GER	100 M. FREE			2:53.60	BENEDICTE DUPREZ	FRA
10:36.02	LAURA VACA	MEX	3:07.79	FRANCES PENWARDEN	GBR	1:02.63	LAURA VAL	USA	2:55.34	BARB GUNDRED	USA
10:39.81	MARY LIPPOLD	USA	3:08.23	IRINA SHANGINA	RUS	1:07.15	CHARLOTTE DAVIS	USA	3:00.78	ANNE LA BORWIT	USA
10:45.74	CAROLYN BATTIN	USA	3:08.69	LO KNAPP	USA	1:07.62	CONNY BOER-BUIJS	NED	3:02.08	JANETTE JEFFREY	AUS
10:50.25	JO MOORE	USA	3:14.30	SUSANNE OSTGATHE	GER	1:08.71	ROSARIO VIVANCO	PER	3:03.56	C.PANIGHETTI	USA
11:05.11	CHRISTIE CIRAULO	USA	3:14.90	AUDREY COOPER	GBR	1:08.90	COLNY TUCKER	USA	3:04.09	TAKAKO NAKAHARA	JPN
11:12.81	CLARE DAVIE	RSA	3:15.08	LISA BENNETT	USA	1:09.73	AIDA DAVIS	PER	3:06.63	SHIRLEY CAZALET	USA
11:17.52	VANDERFLEET-SCOTT	CAN	3:16.29	L.CRITTENDEN	USA	1:09.86	SANDERINA KRUGER	RSA	3:07.42	JULIE GUNTHERP	NZL



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3:07.76	JOEL FELDMANN	USA	3:12.21	TAKAKO NAKAHARA	JPN	26:07.77	SUSAN ALLEN	USA	37.74	JOY WARD	USA
3:07.98	VICKI SERIANNI	USA	400 M. I.M.			26:22.24	SARAH TYLER	USA	38.91	INGEBORG SEIDEL	GER
50 M. BRST			6:07.72	CHARLOTTE DAVIS	USA	26:41.17	M.VAN DER VEEN	NED	39.07	KEIKO UESUGI	JPN
40.17	JENNIFER MERRITT	GBR	6:29.79	JANETTE JEFFREY	AUS	26:56.21	KEIKO MIHARA	JPN	100 M. FLY		
40.61	BRIGITTE KUHL	GER	6:31.98	CATHERINE IMWALLE	USA	50 M. BACK			1:19.59	JUDY WILSON	GBR
41.11	DEB WALKER	USA	6:32.08	BARBARA DUNBAR	USA	35.79	B. BARNETT-SALLEE	USA	1:21.61	BRIGITTE MERTEN	GER
41.76	COLLEEN NELSON	CAN	6:49.33	HELI HOUBEN	GER	37.35	LYNETTE STEVENSON	AUS	1:26.81	SUSANA BARKLEY	ESP
42.19	CATHERINE IMWALLE	USA	6:53.41	M. JANNEKEYN	FRA	37.74	MARGIT OHLSSON	SWE	1:32.34	JAN WICKS	AUS
42.52	YVONNE CATTRALL	CAN	6:55.77	RITSUKO KUROSAWA	JPN	37.86	MARIA BALLA	HUN	1:33.36	DANIELA BARNEA	USA
42.56	GRETE HEUGL	AUT	6:56.41	JENNY IRELAND	RSA	38.27	PENNY STEELE	AUS	1:33.85	INGEBORG SEIDEL	GER
42.80	YOSHIKO MATSUZAKI	JPN	6:59.84	CHRISTIE HAYES	USA	38.82	SATOKO TAKEUJI	JPN	1:34.55	MARGOT PETTIJOHN	USA
42.92	NATHALIE MACAIRE	FRA	7:09.48	RUTH SHAPS	USA	39.18	HELEN TRIPPE	GBR	1:35.62	HARRIET BURE	SWE
42.93	CHRISTIE HAYES	USA	*****			40.57	E. KETELSEN	DEN	1:36.09	HANNELORE ROSE	GER
100 M. BRST			*****			41.49	JOY WARD	USA	1:36.19	KEIKO UESUGI	JPN
1:27.40	JENNIFER MERRITT	GBR	*****			42.14	RENATE ZSCHOCKELT	GER	200 M. FLY		
1:30.73	DEB WALKER	USA	*****			100 M. BACK			3:12.52	SUSANA BARKLEY	ESP
1:31.32	CATHERINE IMWALLE	USA	50 M. FREE			1:18.91	B. BARNETT-SALLEE	USA	3:21.68	JUDY WILSON	GBR
1:34.23	COLLEEN NELSON	CAN	31.40	LYNETTE STEVENSON	AUS	1:22.85	MARIA BALLA	HUN	3:29.66	HARRIET BURE	SWE
1:34.68	NATHALIE MACAIRE	FRA	31.60	CAROLYN BOAK	USA	1:23.29	MARGIT OHLSSON	SWE	3:31.87	DANIELA BARNEA	USA
1:34.96	GRETE HEUGL	AUT	32.48	KAYE BEER	AUS	1:25.18	LYNETTE STEVENSON	AUS	3:33.79	GINGER PIERSON	USA
1:35.34	KAYAKA HIROSE	JPN	32.55	JUDY WILSON	GBR	1:28.09	HELEN TRIPPE	GBR	3:36.73	INGEBORG SEIDEL	GER
1:36.43	CHRISTIE HAYES	USA	32.57	JAN WICKS	AUS	1:28.95	E. KETELSEN	DEN	3:40.24	MARGOT PETTIJOHN	USA
1:36.55	BRIGITTE KUHL	GER	33.23	JEN THOMASSON	AUS	1:30.51	PENNY STEELE	AUS	3:43.34	KAZUKO YAMADA	JPN
1:36.66	YVONNE CATTRALL	CAN	33.95	JUDY ALDEN	GBR	1:31.55	BONNIE PRONK	CAN	3:49.51	JAN CROFT	AUS
200 M. BRST			34.03	BRIGITTE MERTEN	GER	1:31.61	JEANNIE MITCHELL	USA	3:50.50	MARY POHLMANN	USA
3:09.28	JENNIFER MERRITT	GBR	34.12	MARIA BALLA	HUN	1:31.98	JOY WARD	USA	200 M. I.M.		
3:19.37	DEB WALKER	USA	34.13	JEAN HOWARD-JONES	GBR	200 M. BACK			2:58.08	BRIGITTE MERTEN	GER
3:19.68	CATHERINE IMWALLE	USA	100 M. FREE			2:50.16	B. BARNETT-SALLEE	USA	3:00.74	CAROLYN BOAK	USA
3:21.60	NATHALIE MACAIRE	FRA	1:10.60	CAROLYN BOAK	USA	3:04.63	MARGIT OHLSSON	SWE	3:03.33	MARGIT OHLSSON	SWE
3:25.76	TOSHIO HARASHIMA	JPN	1:12.09	BRIGITTE MERTEN	GER	3:04.69	MARIA BALLA	HUN	3:10.73	BONNIE PRONK	CAN
3:26.50	MARGARETA RAINER	SWE	1:12.82	LYNETTE STEVENSON	AUS	3:07.32	BONNIE PRONK	CAN	3:13.34	HANNELORE ROSE	GER
3:28.10	GRETE HEUGL	AUT	1:12.93	JUDY WILSON	GBR	3:13.08	E. KETELSEN	DEN	3:13.49	JEN THOMASSON	AUS
3:28.17	KAYAKA HIROSE	JPN	1:15.08	B. BARNETT-SALLEE	USA	3:15.00	LYNETTE STEVENSON	AUS	3:13.56	CAROL FELLOWS	GBR
3:29.49	MEEGAN WILSON	USA	1:15.42	KAYE BEER	AUS	3:16.48	HELEN TRIPPE	GBR	3:15.30	SUZANNE DILLS	USA
3:30.54	RITSUKO KUROSAWA	JPN	1:15.51	JEN THOMASSON	AUS	3:17.25	HELEN JENKINS	GBR	3:17.28	INGEBORG SEIDEL	GER
50 M. FLY			1:16.24	JAN WICKS	AUS	3:20.37	JEN THOMASSON	AUS	3:18.45	JACKIE MARR	USA
32.10	LAURA VAL	USA	1:16.44	MARIA BALLA	HUN	3:20.52	MARY POHLMANN	USA	400 M. I.M.		
33.26	CHARLOTTE DAVIS	USA	1:17.87	MARGIT OHLSSON	SWE	50 M. BRST			6:22.61	BRIGITTE MERTEN	GER
33.61	CONNOR BOER-BUIJS	NED	200 M. FREE			39.25	JAN WICKS	AUS	6:50.94	HANNELORE ROSE	GER
34.45	DEBORAH BARTON	GBR	2:31.98	B. BARNETT-SALLEE	USA	41.03	BONNIE PRONK	CAN	6:55.39	CAROLYN BOAK	USA
34.57	JOEL FELDMANN	USA	2:37.19	CAROLYN BOAK	USA	42.56	GINGER PIERSON	USA	6:58.78	INGEBORG SEIDEL	GER
34.66	COLNY TUCKER	USA	2:40.86	BRIGITTE MERTEN	GER	42.64	DIANE FORD	GBR	7:01.13	BONNIE PRONK	CAN
35.58	JAN MILLER	USA	2:42.40	CAROL FELLOWS	GBR	42.78	NOBUKO YASUDA	JPN	7:02.03	JACKIE MARR	USA
35.82	JENNIFER MERRITT	GBR	2:46.63	SUZANNE DILLS	USA	42.79	ELAINE BROMWICH	GBR	7:02.20	JEN THOMASSON	AUS
35.91	TERRY SUE GAULT	USA	2:48.29	JEN THOMASSON	AUS	42.85	MONIKA SENFTLEBEN	GER	7:06.92	SUZANNE DILLS	USA
36.11	SUMIKO HASHIMOTO	JPN	2:50.29	JACKIE MARR	USA	43.08	VERA SASSE	BRA	7:13.00	MARGOT PETTIJOHN	USA
100 M. FLY			2:53.58	E. KETELSEN	DEN	43.29	HANNELORE ROSE	GER	7:21.57	DANIELA BARNEA	USA
1:12.13	LAURA VAL	USA	2:53.80	MARGIT OHLSSON	SWE	43.47	MARGOT PETTIJOHN	USA	*****		
1:20.45	BARBARA DUNBAR	USA	2:54.81	HANNELORE ROSE	GER	100 M. BRST			*****		
1:21.98	TERRY SUE GAULT	USA	400 M. FREE			1:32.18	DIANE FORD	GBR	*****		
1:22.96	CAROLYN ROCHE	USA	5:21.79	B. BARNETT-SALLEE	USA	1:33.50	BONNIE PRONK	CAN	*****		
1:23.85	MICHIKO OTO	JPN	5:46.27	JEN THOMASSON	AUS	1:33.79	CAROLYN BOAK	USA	50 M. FREE		
1:24.13	ELLEN ROCKHOLM	USA	5:52.14	CAROL FELLOWS	GBR	1:34.13	NOBUKO YASUDA	JPN	32.73	CHRISTEL SCHULZ	GER
1:24.72	CHARLOTTE DAVIS	USA	5:52.99	SUZANNE DILLS	USA	1:35.35	MARGOT PETTIJOHN	USA	34.36	YOSHIKO OSAKI	JPN
1:25.90	MARILYN EARP	AUS	5:55.08	BRIGITTE MERTEN	GER	1:35.41	HANNELORE ROSE	GER	34.57	BETH SCHREINER	USA
1:28.78	COLNY TUCKER	USA	5:55.59	JACKIE MARR	USA	1:35.87	GINGER PIERSON	USA	35.70	SILVANA ABREU	BRA
1:29.50	S. MORCHE-BLOCH	GER	5:56.42	HANNELORE ROSE	GER	1:36.48	HELEN JENKINS	GBR	36.12	DIANE WILLIAMS	USA
200 M. FLY			6:05.05	E. KETELSEN	DEN	1:36.70	ELAINE BROMWICH	GBR	36.37	BARBARA ZAREMSKI	USA
3:02.97	BARBARA DUNBAR	USA	6:09.41	SUSANA BARKLEY	ESP	1:36.79	YOSHIE OGASAWARA	JPN	36.39	SALLY BOLAR	USA
3:06.20	CAROLYN ROCHE	USA	6:12.73	SALLY DILLON	USA	200 M. BRST			36.40	FUSAKO HIROOKA	JPN
3:17.99	MICHIKO OTO	JPN	800 M. FREE			3:22.24	DIANE FORD	GBR	36.43	JEANNE LITTLE	USA
3:23.64	S. MORCHE-BLOCH	GER	11:54.21	SUZANNE DILLS	USA	3:24.79	HANNELORE ROSE	GER	36.50	TERUKO NISHISAKO	JPN
3:24.53	RITSUKO KUROSAWA	JPN	11:58.78	JACKIE MARR	USA	3:25.73	YOSHIE OGASAWARA	JPN	100 M. FREE		
3:30.69	JUNKO IDE	JPN	12:10.54	JEN THOMASSON	AUS	3:27.28	BONNIE PRONK	CAN	1:14.34	CHRISTEL SCHULZ	GER
3:31.17	M. JANNEKEYN	FRA	12:23.00	HANNELORE ROSE	GER	3:27.35	INGEBORG SEIDEL	GER	1:14.55	YOSHIKO OSAKI	JPN
3:38.57	PATRICIA JACKSON	GBR	12:47.85	BETTY VEATER	USA	3:28.96	HELEN JENKINS	GBR	1:19.11	BETH SCHREINER	USA
3:39.35	RITA BELSERENE	USA	12:51.28	ANNE JONES	RSA	3:29.84	MARGOT PETTIJOHN	USA	1:20.78	SILVANA ABREU	BRA
3:39.72	TERESA MCDOWELL	USA	12:51.38	SALLY DILLON	USA	3:30.19	ELAINE BROMWICH	GBR	1:21.80	ANNE KREISEL	GER
200 M. I.M.			12:52.20	E. KETELSEN	DEN	3:32.46	DANIELA BARNEA	USA	1:22.84	SUZANNE LEVETT	AUS
2:53.15	CHARLOTTE DAVIS	USA	12:55.58	ELAINE BLOWER	GBR	3:32.69	TAMAE FURUYA	JPN	1:23.10	SALLY BOLAR	USA
2:56.89	JANETTE JEFFREY	AUS	12:57.42	JANE KATZ	USA	50 M. FLY			1:23.15	JEANNE LITTLE	USA
3:00.27	CATHERINE IMWALLE	USA	1500 M. FREE			35.05	JUDY WILSON	GBR	1:24.61	ALISON LEACH	NZL
3:01.48	ANNE CORK	GBR	23:39.81	JACKIE MARR	USA	35.28	JAN WICKS	AUS	1:24.62	BARBARA ZAREMSKI	USA
3:06.40	HELI HOUBEN	GER	24:58.22	JAN CROFT	AUS	35.64	MICHIE DOI	JPN	200 M. FREE		
3:07.58	CELESTE MILLER	USA	24:58.61	BETTY VEATER	USA	36.46	SUSANA BARKLEY	ESP	2:42.96	CHRISTEL SCHULZ	GER
3:09.59	BARBARA DUNBAR	USA	25:11.36	CAROL JEWELL	USA	36.61	BRIGITTE MERTEN	GER	2:48.38	YOSHIKO OSAKI	JPN
3:09.97	MARGARETA RAINER	SWE	25:48.13	LEA HILL	AUS	36.81	LYNETTE STEVENSON	AUS	3:01.30	BETH SCHREINER	USA
3:11.70	JONELLE SCHMIDT	USA	26:02.70	ROSLYN DAVIGHI	AUS	37.23	HARRIET BURE	SWE	3:01.80	ANNE KREISEL	GER



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3:04.70	SALLY BOLAR	USA	46.64	GLORIA HARDY	AUS	8:18.17	INGRID SIEGERT	GER	44.87	U.MEYER-TONNDORF	GER
3:04.95	EDNA DE SARACHO	MEX	46.71	YOSHIKO OSAKI	JPN	8:25.16	LYNNE LUND	USA	45.06	ALICE KINNAIRD	AUS
3:05.92	JEANNE LITTLE	USA	47.97	KUMIE TOKUDA	JPN	8:25.27	NANCY STRETCH	USA	45.79	EVA JAROSOVA	CZE
3:06.13	REIKO ISHIZAKI	JPN	48.04	UTE AHMELS	GER	8:27.58	CYNTHIA ANDRADE	BRA	45.93	HAIKE HOELER	GER
3:08.34	BETSY JORDAN	USA	48.17	CYNTHIA ANDRADE	BRA				47.70	FUSAKO YAMAWAKI	JPN
3:09.65	ALISON LEACH	NZL	100 M.	BRST					48.02	TRICIA LIDDY	AUS
400 M.	FREE		1:37.48	JOANN LEILICH	USA				48.31	V.JOHANSSON	SWE
6:00.59	CHRISTEL SCHULZ	GER	1:38.59	LUISE KNOPFLE	GER				100 M.	BACK	
6:21.65	ANNE KREISEL	GER	1:40.19	YOSHIKO OSAKI	JPN	50 M.	FREE		1:35.81	V.JOHANSSON	SWE
6:23.22	REIKO ISHIZAKI	JPN	1:41.31	ROTRAUD PALMER	GBR	36.23	PAM HUTCHINGS	AUS	1:36.36	NANCY BROWN	USA
6:24.81	EDNA DE SARACHO	MEX	1:41.56	MARGIT JEBE	USA	36.26	SHOKO YONEZAWA	JPN	1:36.46	SHOKO YONEZAWA	JPN
6:30.19	BETSY JORDAN	USA	1:44.44	GLORIA HARDY	AUS	36.27	HISAKO SATO	JPN	1:36.65	PAM HUTCHINGS	AUS
6:38.52	ELIZABETH GREEN	GBR	1:44.54	TAYO FUJIEDA	JPN	36.89	HELGA REICH	GER	1:40.35	HAIKE HOELER	GER
6:39.03	ANNE WILLIAMS	USA	1:45.21	ANNE WILLIAMS	USA	36.90	LOTTIE GEURTS	NED	1:41.21	MISAO MATSUMOTO	JPN
6:39.21	MARIA PENNA	BRA	1:45.67	INGRID LUENING	GER	36.96	OLGA KREJCI	SUI	1:41.68	EVA JAROSOVA	CZE
6:39.22	REIKO KOGA	JPN	1:46.02	ELSBETH FLICK	GER	37.09	FUSAKO YAMAWAKI	JPN	1:42.25	ALICE KINNAIRD	AUS
6:43.59	KAZU KOYAMA	JPN	200 M.	BRST		37.32	GRACE ISAAC	GBR	1:44.17	PATRICIA LIDDY	AUS
800 M.	FREE		3:30.53	LUISE KNOPFLE	GER	37.91	U.MEYER-TONNDORF	GER	1:44.72	ANN KAY	USA
13:08.04	ANNE KREISEL	GER	3:31.65	JOANN LEILICH	USA	38.18	URSULA FROHLICH	GER	200 M.	BACK	
13:08.26	SARAH KOPSKY	USA	3:39.62	INGRID LUNING	GER	100 M.	FREE		3:23.53	V.JOHANSSON	SWE
13:13.59	BETSY JORDAN	USA	3:41.41	ELSBETH FLICK	GER	1:22.62	LOTTIE GEURTS	NED	3:31.30	PAM HUTCHINGS	AUS
13:14.40	EDNA DE SARACHO	MEX	3:43.14	ANNE WILLIAMS	USA	1:22.99	NANCY BROWN	USA	3:32.26	NANCY BROWN	USA
13:15.65	REIKO ISHIZAKI	JPN	3:44.33	INGRID LUENING	GER	1:23.99	PAM HUTCHINGS	AUS	3:35.08	EVA JAROSOVA	CZE
13:32.52	MARIA PENNA	BRA	3:44.52	TAYO FUJIEDA	JPN	1:24.38	HISAKO SATO	JPN	3:36.03	SHOKO YONEZAWA	JPN
13:37.15	ANNE WILLIAMS	USA	3:46.36	KUMIE TOKUDA	JPN	1:24.39	SHOKO YONEZAWA	JPN	3:36.82	MISAO MATSUMOTO	JPN
13:57.23	MARGARET FITTOCK	AUS	3:47.20	MARGIT JEBE	USA	1:24.68	V.JOHANSSON	SWE	3:41.54	PATRICIA LIDDY	AUS
14:02.03	ALISON LEACH	NZL	3:52.40	GLORIA HARDY	AUS	1:25.13	HELGA REICH	GER	3:43.13	MARLENE MENDES	BRA
14:02.36	PAULINE WINGATE	AUS	50 M.	FLY		1:27.22	YURIKO NAGAMATSU	JPN	3:47.59	ANN KAY	USA
1500 M.	FREE		35.77	CHRISTEL SCHULZ	GER	1:28.70	DIANE STOWELL	USA	3:48.93	ALICE KINNAIRD	AUS
25:35.33	REIKO ISHIZAKI	JPN	38.16	SILVANA ABREU	BRA	1:29.00	U.MEYER-TONNDORF	GER	50 M.	BRST	
27:13.36	SUSAN MUNN	USA	38.43	HARUMI SUGIMOTO	JPN	200 M.	FREE		44.03	SHOKO YONEZAWA	JPN
27:26.41	HIROKO OTSUBO	JPN	39.07	SARAH KOPSKY	USA	3:00.28	HELGA REICH	GER	46.14	RUTH MULLER	GER
27:35.94	ALISON LEACH	NZL	39.53	YOSHIKO OSAKI	JPN	3:06.75	PAM HUTCHINGS	AUS	46.99	ELIANE PELLIS	BEL
28:13.69	YOTSUKO TASHIRO	JPN	40.88	ELIZABETH ROEPKE	USA	3:09.40	HISAKO SATO	JPN	47.35	ANTOINETTE RODAHL	NZL
28:32.96	TANAKO HAGIWARA	USA	41.50	JEANNE LITTLE	USA	3:10.58	YURIKO NAGAMATSU	JPN	47.38	MASAYO AZUMA	JPN
28:40.13	JENNY BALL	GBR	42.00	SUGAKO YOKOI	JPN	3:10.86	NANCY BROWN	USA	47.40	GISELA GRUNER	GER
29:23.93	LOUISE MURRAY	USA	42.28	KIYOKO YONEDA	JPN	3:12.68	LOTTIE GEURTS	NED	48.39	TRICIA LIDDY	AUS
30:02.38	GRACE DYCK	USA	42.48	HISAKO KITAYAMA	JPN	3:15.41	DIANE STOWELL	USA	48.97	ANNA SUMMERER	GER
30:18.41	MARILYN RAMEY	USA	100 M.	FLY		3:16.46	RONNIE KAMPHAUSEN	USA	49.04	OLGA KREJCI	SUI
50 M.	BACK		1:33.38	SILVANA ABREU	BRA	3:17.88	BARBARA FENTIMAN	GBR	49.07	I.KEUSCH-RENNER	GER
38.17	SILVANA ABREU	BRA	1:44.04	MARCELA STASTNA	CZE	3:18.18	DENISE ROBERTSON	AUS	100 M.	BRST	
41.58	CHRISTEL SCHULZ	GER	1:44.39	HIROKO OTSUBO	JPN	400 M.	FREE		1:38.58	SHOKO YONEZAWA	JPN
42.14	BETSY JORDAN	USA	1:46.80	ENEDINA PEREIRA	BRA	6:22.10	HELGA REICH	GER	1:42.04	MASAYO AZUMA	JPN
42.86	JANET BROWN	GBR	1:47.09	SALLY BOLAR	USA	6:40.35	HISAKO SATO	JPN	1:43.83	ELIANE PELLIS	BEL
44.47	KEIKO YAMADA	JPN	1:49.49	HARU TSUKINO	JPN	6:43.98	DIANE STOWELL	USA	1:45.29	DIANE STOWELL	USA
44.54	BETH SCHREINER	USA	1:50.40	REIKO NAGASAKU	JPN	6:46.10	NANCY BROWN	USA	1:47.80	ANTOINETTE RODAHL	NZL
44.76	SACHIKO HASEGAWA	JPN	1:50.49	SIGRID KOCH	GER	6:51.09	PAM HUTCHINGS	AUS	1:50.04	MATHILDE LAURITO	BRA
44.91	ROTRAUD PALMER	GBR	1:52.27	INGRID LUENING	GER	6:54.48	DENISE ROBERTSON	AUS	1:50.50	TRICIA LIDDY	AUS
45.12	AKIKO SAWADA	JPN	1:53.11	BETSY JORDAN	USA	6:54.94	YURIKO NAGAMATSU	JPN	1:52.74	I.KEUSCH-RENNER	GER
45.13	CARLA MAURI	USA	200 M.	FLY		6:55.24	RONNIE KAMPHAUSEN	USA	1:53.57	YOKO MIZUNO	JPN
100 M.	BACK		3:32.63	SILVANA ABREU	BRA	6:56.44	BARBARA FENTIMAN	GBR	1:55.13	OLGA KREJCI	SUI
1:28.08	SILVANA ABREU	BRA	3:58.06	SALLY BOLAR	USA	6:56.78	MISAO MATSUMOTO	JPN	200 M.	BRST	
1:31.34	CHRISTEL SCHULZ	GER	3:59.29	REIKO NAGASAKU	JPN	800 M.	FREE		3:38.02	SHOKO YONEZAWA	JPN
1:31.68	BETSY JORDAN	USA	4:16.30	INGRID SIEGERT	GER	12:59.41	HELGA REICH	GER	3:38.05	MASAYO AZUMA	JPN
1:35.56	JANET BROWN	GBR	4:17.90	SIGRID KOCH	GER	13:52.29	HISAKO SATO	JPN	3:48.21	DIANE STOWELL	USA
1:39.66	BRENDA WALKER	GBR	4:19.57	LYNNE LUND	USA	13:52.87	NANCY BROWN	USA	3:52.65	ELIANE PELLIS	BEL
1:40.47	SACHIKO HASEGAWA	JPN	4:19.68	KARIN BEVTZ	GER	14:07.31	LOTTIE GEURTS	NED	3:54.97	KATE CURRY	USA
1:41.19	KAZU KOYAMA	JPN	4:23.27	NANCY STRETCH	USA	14:15.31	L.VAN DER MEER	NED	3:59.43	TRICIA LIDDY	AUS
1:42.24	MARIA BUZSAKI	HUN	4:25.99	MASUNO MASUDA	JPN	14:21.43	DENISE ROBERTSON	AUS	4:09.13	KYOKO SATO	JPN
1:42.72	KEIKO YAMADA	JPN	4:27.17	RYOKO SAITO	JPN	14:27.80	SUMIRE ISHIHARA	JPN	4:09.26	HERTA GREGG	GER
1:42.76	MARGIT JEBE	USA	200 M.	I.M.		14:46.15	GERDA GRASSE	GER	4:10.56	MIYAKO UCHIDA	JPN
200 M.	BACK		3:08.85	CHRISTEL SCHULZ	GER	15:06.79	RENATA MARTING	ITA	4:15.26	MAREN PISKORA	GER
3:17.20	CHRISTEL SCHULZ	GER	3:14.32	YOSHIKO OSAKI	JPN	15:08.40	MARLENE MENDES	BRA	50 M.	FLY	
3:20.36	SILVANA ABREU	BRA	3:19.32	SILVANA ABREU	BRA	1500 M.	FREE		40.88	HAIKE HOELER	GER
3:25.30	JANET BROWN	GBR	3:32.38	KEIKO YAMADA	JPN	26:59.89	DENISE ROBERTSON	AUS	41.01	HISAKO SATO	JPN
3:26.66	BETSY JORDAN	USA	3:35.27	BETSY JORDAN	USA	27:01.74	NANCY BROWN	USA	41.91	HELGA REICH	GER
3:34.87	BRENDA WALKER	GBR	3:36.69	MARGIT JEBE	USA	27:09.05	L.VAN DER MEER	NED	45.84	JUDIE OLIVER	CAN
3:36.83	SARAH KOPSKY	USA	3:38.23	HIROKO OTSUBO	JPN	27:16.84	MISAO MATSUMOTO	JPN	46.59	HIROKO SASAKI	JPN
3:40.07	SACHIKO HASEGAWA	JPN	3:41.57	SUSAN MUNN	USA	27:33.21	LOTTIE GEURTS	NED	48.39	KYOKO HIGURASHI	JPN
3:40.77	MARIA BUZSAKI	HUN	3:42.12	TAYO FUJIEDA	JPN	27:49.67	SUMIRE ISHIHARA	JPN	48.81	TRICIA LIDDY	AUS
3:40.92	KEIKO YAMADA	JPN	3:43.56	SACHIKO HASEGAWA	JPN	29:13.90	TSUYAKO WATANABE	JPN	48.87	OLGA KREJCI	SUI
3:43.84	PATRICIA BOND	USA	400 M.	I.M.		29:15.92	YUKIKO MATSUBARA	JPN	49.31	NANCY BROWN	USA
50 M.	BRST		7:09.21	SILVANA ABREU	BRA	29:36.90	HIROKO OGOSHI	JPN	49.66	HIROKO KATANO	JPN
45.06	JOANN LEILICH	USA	7:36.34	BETSY JORDAN	USA	29:48.16	ELIANE PELLIS	BEL	100 M.	FLY	
45.16	ROTRAUD PALMER	GBR	7:49.84	REIKO NAGASAKU	JPN	50 M.	BACK		1:41.04	HELGA REICH	GER
46.26	LUISE KNOPFLE	GER	8:00.87	ELSBETH FLICK	GER	42.35	PAM HUTCHINGS	AUS	1:42.23	HAIKE HOELER	GER
46.41	KIYOKO YONEDA	JPN	8:04.10	SACHIKO HASEGAWA	JPN	43.63	SHOKO YONEZAWA	JPN	1:45.96	JUDIE OLIVER	CAN
46.45	KAZUKO KAJIWARA	JPN	8:17.17	MITSUOKO ENDO	JPN	44.58	NANCY BROWN	USA	1:46.04	HISAKO SATO	JPN



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1:50.70	PATRICIA LIDDY	AUS	7:07.55	MICHIKO OKUMURA	JPN	1:54.47	SYLVIA EISELE	CAN	46.91	YOKO KOBAYASHI	JPN
1:57.92	NANCY BROWN	USA	7:22.14	YOSHIKO KINOSHITA	JPN	1:57.69	JANE ASHER	GBR	46.95	MARGERY MEYER	USA
1:58.92	KYOKO HIGURASHI	JPN	7:23.12	JEAN TROY	USA	2:00.11	CAROL TAYLOR	USA	48.20	DORIS MCEWAN	CAN
2:03.77	MARTHA HENDERSON	USA	7:28.07	DOROTHY DICKEY	AUS	2:04.54	MASAE KURATA	JPN	48.64	EVA-BRITT WIDAHN	SWE
2:04.28	HIROKO KATANO	JPN	7:28.98	ANN HIRSCH	USA	2:05.34	NAN BOHL	USA	49.70	TSUNEKO ISOBE	JPN
2:05.09	JOAN ALEXANDER	USA	7:43.73	AIKO HORII	JPN	2:08.21	JARMILA REBICKOVA	CZE	50.02	ANN TODD	AUS
200 M. FLY			8:00.00	SUMIE YASUMURA	JPN	2:09.76	JULIA GULYAS	CAN	50.66	YONE MURATA	JPN
3:47.10	HELGA REICH	GER	8:05.44	G. MCKENZIE-HICKS	AUS	2:10.09	SAYOKO WATANABE	JPN	100 M. FREE		
4:05.11	JUDIE OLIVER	CAN	8:09.81	NANCY SCOTT	GBR	200 M. BRST			1:39.37	OLGA KOKORINA	RUS
4:14.13	NANCY BROWN	USA	800 M. FREE			3:59.30	ANN HIRSCH	USA	1:39.78	M. CUNNINGHAM	AUS
4:36.81	JOAN ALEXANDER	USA	12:58.94	JANE ASHER	GBR	4:04.56	A.VAN OBBERGHEN	BEL	1:42.18	FLORENCE CARR	USA
4:38.24	HERTA GREGG	GER	14:35.61	MICHIKO OKUMURA	JPN	4:07.90	JANE ASHER	GBR	1:43.70	MARGERY MEYER	USA
4:46.78	TOSHIKO KATO	JPN	15:00.30	YOSHIKO KINOSHITA	JPN	4:14.40	GRETHE BENDTSEN	DEN	1:49.27	EVA-BRITT WIDAHN	SWE
4:47.13	HIROKO KATANO	JPN	15:31.00	ANN HIRSCH	USA	4:15.89	SYLVIA EISELE	CAN	1:51.43	DORIS MCEWAN	CAN
4:55.01	AYA HIRANO	JPN	15:34.43	DOROTHY DICKEY	AUS	4:29.46	TERUKO ONO	JPN	1:54.35	VIRGINIA KETELEER	BEL
4:56.21	SHIRLEY KERR	AUS	15:37.24	JEAN TROY	USA	4:35.46	MASAE KURATA	JPN	1:55.99	PETEY SMITH	USA
4:57.78	THELMA SHARP	AUS	15:49.91	GRETHE BENDTSEN	DEN	4:36.47	ERIKA LANGE	GER	1:58.21	ASAKO MANINGO	USA
200 M. I.M.			16:15.00	AIKO HORII	JPN	4:37.52	CAROL TAYLOR	USA	2:00.20	MACHIKO ITAI	JPN
3:32.07	SHOKO YONEZAWA	JPN	16:58.86	NANCY SCOTT	GBR	4:40.62	JARMILA REBICKOVA	CZE	200 M. FREE		
3:36.77	HELGA REICH	GER	16:59.67	JOAN CAMPBELL	USA	50 M. FLY			3:53.03	MARGERY MEYER	USA
3:39.99	JUDIE OLIVER	CAN	1500 M. FREE			41.99	JANE ASHER	GBR	4:00.33	EVA-BRITT WIDAHN	SWE
3:40.49	PATRICIA LIDDY	AUS	24:41.76	JANE ASHER	GBR	51.52	MICHIKO OKUMURA	JPN	4:04.34	VIRGINIA KETELEER	BEL
3:41.35	NANCY BROWN	USA	27:43.98	MICHIKO OKUMURA	JPN	51.65	SYLVIA EISELE	CAN	4:14.85	FLORENCE CARR	USA
3:52.97	URSULA FROEHLICH	GER	28:55.23	ANN HIRSCH	USA	52.92	CAROL TAYLOR	USA	4:15.71	SUZANNE GRAHAM	USA
4:03.39	RENATA MARTING	ITA	29:28.61	JEAN TROY	USA	54.03	GRETHE BENDTSEN	DEN	4:17.52	LOIS KIVI NOCHMAN	USA
4:04.04	HIROKO OGOSHI	JPN	32:36.82	JOAN CAMPBELL	USA	54.43	ANN HIRSCH	USA	4:22.69	NAN BLACKLEDGE	USA
4:06.36	LOTTIE GEURTS	NED	32:43.53	SHEILA NAIMAN	CAN	55.90	JULIA GULYAS	CAN	4:24.00	MACHIKO ITAI	JPN
4:09.84	RONNIE KAMPHAUSEN	USA	33:19.75	BETTY RUSS	USA	56.45	TERUKO TSUBOI	JPN	4:26.96	PETEY SMITH	USA
400 M. I.M.			34:12.73	P. MARSHALL	AUS	56.67	JEAN TROY	USA	4:27.12	ASAKO MANINGO	USA
7:35.30	HELGA REICH	GER	34:22.63	NANCY DURSTEIN	USA	57.07	YOSHIKO IKEUCHI	JPN	400 M. FREE		
7:52.18	NANCY BROWN	USA	34:23.19	SYLVIA EISELE	CAN	100 M. FLY			8:02.86	MARGERY MEYER	USA
8:00.94	JUDIE OLIVER	CAN	50 M. BACK			1:50.99	JANE ASHER	GBR	8:07.31	VIRGINIA KETELEER	BEL
8:03.09	PATRICIA LIDDY	AUS	43.93	JANE ASHER	GBR	1:58.90	ANN HIRSCH	USA	8:08.69	IRENE THEELEN	BEL
8:55.29	DENISE ROBERTSON	AUS	46.80	GRETHE BENDTSEN	DEN	2:09.80	SYLVIA EISELE	CAN	8:11.63	M. CUNNINGHAM	AUS
8:57.90	HIROKO OGOSHI	JPN	48.11	KAZUKO KABASAWA	JPN	2:11.68	CAROL TAYLOR	USA	8:20.20	CHIE TANI	JPN
8:59.48	JOAN ALEXANDER	USA	49.60	KERSTIN GJORES	SWE	2:12.14	JEAN TROY	USA	8:28.60	EVA-BRITT WIDAHN	SWE
9:02.55	TOSHIKO KATO	JPN	50.27	KIMIKO OOKA	JPN	2:16.13	Y. KAPLAN-BADER	FRA	8:41.98	LOIS KIVI NOCHMAN	USA
9:03.65	HERTA GREGG	GER	51.00	AIKO GOTO	JPN	2:17.38	MICHIKO OKUMURA	JPN	9:02.17	G. SCHOBEL-GRASS	GER
9:04.09	ATSUKO TAKEUCHI	JPN	51.51	BARB JACKSON	USA	2:30.88	BETTY RUSS	USA	9:23.15	EDNA GORDON	USA
*****			52.02	NANCY KINNEY	USA	2:35.25	TSURUYO TANAKA	JPN	9:28.31	PETEY SMITH	USA
*****			53.93	ANN HIRSCH	USA	2:38.05	BARBARA OWENS	USA	800 M. FREE		
*****			53.94	MIITSUKO KOMURO	JPN	200 M. FLY			16:27.94	MARGERY MEYER	USA
*****			100 M. BACK			4:21.39	JANE ASHER	GBR	17:33.46	EVA-BRITT WIDAHN	SWE
50 M. FREE			1:38.62	JANE ASHER	GBR	4:29.94	ANN HIRSCH	USA	17:47.58	M. CUNNINGHAM	AUS
34.85	JANE ASHER	GBR	1:41.44	GRETHE BENDTSEN	DEN	4:44.88	SYLVIA EISELE	CAN	18:36.79	LOIS NOCHMAN	USA
39.90	NAN BOHL	USA	1:51.11	KIMIKO OOKA	JPN	5:23.65	BETTY RUSS	USA	19:36.20	CLARA AURIK	RSA
40.27	MICHIKO OKUMURA	JPN	1:51.95	NANCY KINNEY	USA	5:58.87	JOAN CAMPBELL	USA	19:36.26	EDNA GORDON	USA
40.61	MIITSUKO KOMURO	JPN	1:52.89	BETTY LORENZI	USA	6:44.37	LUIZA SILVA	BRA	19:50.55	VALERIE LINCOLN	AUS
41.53	BRITT GRILLI	SWE	1:53.91	BARB JACKSON	USA	7:08.07	GLAD MCGOUGH	AUS	20:07.89	PETEY SMITH	USA
41.76	YOSHIKO YOSHIMURA	JPN	1:55.06	KERSTIN GJORES	SWE	200 M. I.M.			20:46.01	ROSEMARY BROMWICH	AUS
41.99	SACHIKO NAKANISHI	JPN	1:56.92	ANN HIRSCH	USA	3:38.46	JANE ASHER	GBR	20:48.78	TOSHIKO AMANO	JPN
42.09	GRETHE BENDTSEN	DEN	1:58.00	JILL COLEMAN	USA	3:53.65	GRETHE BENDTSEN	DEN	1500 M. FREE		
42.28	JEAN TROY	USA	1:58.82	AIKO GOTO	JPN	4:00.19	ANN HIRSCH	USA	32:12.67	MARGERY MEYER	USA
42.33	KERSTIN GJOERES	SWE	200 M. BACK			4:00.87	MICHIKO OKUMURA	JPN	35:21.95	LOIS NOCHMAN	USA
100 M. FREE			3:34.35	JANE ASHER	GBR	4:01.58	MIITSUKO KOMURO	JPN	38:43.43	VAL LINCOLN	AUS
1:20.15	JANE ASHER	GBR	3:40.21	GRETHE BENDTSEN	DEN	4:14.69	SYLVIA EISELE	CAN	39:04.99	CLARA AURIK	RSA
1:31.05	NAN BOHL	USA	4:02.09	NANCY KINNEY	USA	4:15.56	NANCY KINNEY	USA	39:53.49	TOSHIKO AMANO	JPN
1:32.17	MIITSUKO KOMURO	JPN	4:05.68	KERSTIN GJORES	SWE	4:18.42	JEAN TROY	USA	40:57.10	MIEKO NAKANO	JPN
1:32.89	MICHIKO OKUMURA	JPN	4:08.98	ANN HIRSCH	USA	4:34.20	JULIA GULYAS	CAN	41:04.46	GLADYS OLSEN	USA
1:34.09	JEAN TROY	USA	4:17.59	AIKO GOTO	JPN	4:43.49	DOROTHY DICKEY	AUS	42:52.53	CHIYOKO TAKIZAWA	JPN
1:35.34	BRITT GRILLI	SWE	4:21.02	ERIKA LANGE	GER	400 M. I.M.			48:00.58	OPAL EDDY	AUS
1:38.98	YOSHIKO KINOSHITA	JPN	4:22.02	MARY JANE MULLINS	USA	7:39.98	JANE ASHER	GBR	49:33.99	GLORIA STUPFEL	USA
1:39.38	AIKO HORII	JPN	4:29.95	ULLA HELD	GER	8:10.16	ANN HIRSCH	USA	50 M. BACK		
1:40.41	DOROTHY DICKEY	AUS	4:32.16	NANCY SCOTT	GBR	8:49.94	SYLVIA EISELE	CAN	53.14	YOKO KOBAYASHI	JPN
1:40.83	MASAE KURATA	JPN	50 M. BRST			8:51.98	MICHIKO OKUMURA	JPN	55.30	RUZENA VYMAZALOVA	CZE
200 M. FREE			49.00	A.VAN OBBERGHEN	BEL	9:19.91	JEAN TROY	USA	55.95	FLORENCE CARR	USA
2:57.61	JANE ASHER	GBR	50.32	SYLVIA EISELE	CAN	9:57.85	BARBARA OWENS	USA	56.47	ASAKO MANINGO	USA
3:23.48	MICHIKO OKUMURA	JPN	51.47	JANE ASHER	GBR	10:14.97	BETTY RUSS	USA	56.61	DORIS MCEWAN	CAN
3:27.56	NAN BOHL	USA	51.68	ANN HIRSCH	USA	10:29.03	NANCY DURSTEIN	USA	56.96	SILVIA CRAVERI	ITA
3:28.42	JEAN TROY	USA	53.50	CAROL TAYLOR	USA	10:59.12	JOAN CAMPBELL	USA	56.97	NAN BLACKLEDGE	USA
3:28.62	MIITSUKO KOMURO	JPN	55.33	GRETHE BENDTSEN	DEN	*****			57.12	M. CUNNINGHAM	AUS
3:33.43	ANN HIRSCH	USA	56.00	NAN BOHL	USA	*****			57.49	IKUKO NAGIRA	JPN
3:35.34	YOSHIKO KINOSHITA	JPN	56.31	MASAE KURATA	JPN	*****			57.54	KAZUKO TAGUCHI	JPN
3:36.63	AIKO HORII	JPN	57.40	CHIYOKO IZUMI	JPN	*****			100 M. BACK		
3:38.06	DOROTHY DICKEY	AUS	57.46	JARMILA REBICKOVA	CZE	50 M. FREE			2:01.76	G. SCHOBEL-GRASS	GER
3:48.63	G. MCKENZIE-HICKS	AUS	100 M. BRST			41.20	FLORENCE CARR	USA	2:03.38	YOKO KOBAYASHI	JPN
400 M. FREE			1:49.88	A.VAN OBBERGHEN	BEL	44.21	M. CUNNINGHAM	AUS	2:04.87	RUZENA VYMAZALOVA	CZE
6:13.20	JANE ASHER	GBR	1:50.28	ANN HIRSCH	USA	44.30	OLGA KOKORINA	RUS	2:05.75	ASAKO MANINGO	USA



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2:06.92	MIDORI KINJO	JPN	9:18.70	GLORIA STUPFEL	USA	25:49.09	KAY SCHIMPF	USA	15:37.46	ELFIE STEVENIN	USA
2:07.08	KAZUKO TAGUCHI	JPN	200 M. I.M.			26:15.51	NAN LEWIS	AUS	200 M. I.M.		
2:07.76	DORIS MCEWAN	CAN	4:33.29	LOIS KIVI NOCHMAN	USA	1500 M. FREE			5:48.87	MICHELE GUILLAIS	FRA
2:08.18	NAN BLACKLEDGE	USA	4:34.62	CHIE TANI	JPN	34:15.74	RITA SIMONTON	USA	5:49.36	RITA SIMONTON	USA
2:09.32	VIRGINIA KETELEER	BEL	4:50.80	G.SCHOBEL-GRASS	GER	40:33.36	JOYCE O'FARRELL	AUS	6:35.52	MICHIKO HAMURO	JPN
2:12.37	M. CUNNINGHAM	AUS	5:12.33	TEIKO SATO	JPN	46:53.30	K.JOHNSTONE	NZL	7:41.57	GERTRUD ZINT	USA
200 M. BACK			5:12.49	BARBARA VICKERS	AUS	50 M. BACK			8:54.70	KIYOMI KITAMURA	JPN
4:11.82	G.SCHOBEL-GRASS	GER	5:35.21	JUNE REYNOLDS	USA	53.44	BUNNY CEDERLUND	USA	9:54.04	ELFIE STEVENIN	USA
4:35.32	M. CUNNINGHAM	AUS	5:37.22	JUNE KRAUSER	USA	56.57	BETTY CHRISTIAN	USA	400 M. I.M.		
4:36.95	KAZUKO TAGUCHI	JPN	5:38.70	NORA RONAI	BRA	1:01.13	OLGA JOHNSON	NZL	21:19.52	ELFIE STEVENIN	USA
4:42.16	MIDORI KINJO	JPN	5:42.02	JAE HOWELL	USA	1:03.28	PERSIS RAE	AUS			
4:45.26	NAN BLACKLEDGE	USA	5:45.02	FLORENCE CARR	USA	1:07.77	MICHIKO HAMURO	JPN	*****		
4:54.24	LOIS NOCHMAN	USA	400 M. I.M.			1:08.10	MASAE SHIMURA	JPN	WOMEN 90-94		
5:00.96	MIGNONNE HARDWICH	RSA	9:43.23	LOIS KIVI NOCHMAN	USA	1:08.18	LIS KNUTZEN	DEN	*****		
5:01.39	MARGERY MEYER	USA	10:05.95	G.SCHOBEL-GRASS	GER	1:10.96	TERU USHIKI	JPN	50 M. FREE		
5:02.49	BARBARA VICKERS	AUS	11:30.47	GLADYS OLSEN	USA	1:12.82	JOYCE FAUNCE	AUS	1:02.28	AUDREY ETIENNE	USA
5:11.63	EDNA GORDON	USA	11:51.43	JAE HOWELL	USA	1:13.00	MAURINE KORNFELD	USA	1:06.11	WILLY VAN RYSEL	GBR
50 M. BRST			12:15.79	KALIS RASMUSSEN	CAN	100 M. BACK			1:08.13	TOSHI KUBO	JPN
54.42	OLGA KOKORINA	RUS	12:24.81	M. CHIPPERFIELD	AUS	2:06.41	BUNNY CEDERLUND	USA	1:14.61	ANNE WALKER	USA
58.88	SHIZUE TOYAMA	JPN	12:38.11	JUNE KRAUSER	USA	2:30.09	HIDEKO HANADA	JPN	1:16.30	MARIA LENK ZIGLER	BRA
1:00.68	NICOLE SCHERLE	FRA	13:00.47	NORA RONAI	BRA	2:33.67	MICHIKO HAMURO	JPN	1:23.07	CHIZU IZUMI	JPN
1:00.88	YOKO KOBAYASHI	JPN	13:06.98	JUNE REYNOLDS	USA	2:37.07	TERU USHIKI	JPN	1:24.10	MARY LATHRAM	USA
1:03.52	JUSTINE BAMFORD	AUS	13:18.23	BETTY DUNN	USA	2:37.56	MAURINE KORNFELD	USA	1:25.56	MASAKO MATSUNO	JPN
1:03.59	BARBARA VICKERS	AUS				2:49.23	JOYCE FAUNCE	AUS	1:25.62	MIEKO NAGAOKA	JPN
1:04.68	DORIS MCEWAN	CAN	*****			2:58.60	JOYCE O'FARRELL	AUS	1:33.45	CLARICE ARTIS	AUS
1:04.95	LOIS KIVI NOCHMAN	USA	WOMEN 85-89			3:00.03	GERTRUD ZINT	USA	100 M. FREE		
1:05.31	M. CUNNINGHAM	AUS	*****			3:02.64	PATRICIA PREVETZ	USA	2:19.14	AUDREY ETIENNE	USA
1:05.85	FLORENCE CARR	USA	50 M. FREE			3:06.08	JEANNE MEYER	FRA	2:31.17	WILLY VAN RYSEL	GBR
100 M. BRST			44.70	OLGA JOHNSON	NZL	200 M. BACK			2:41.25	MARIA LENK ZIGLER	BRA
2:01.39	OLGA KOKORINA	RUS	49.43	BETTY CHRISTIAN	USA	4:35.71	BUNNY CEDERLUND	USA	2:51.03	ANNE WALKER	USA
2:16.16	YOKO KOBAYASHI	JPN	50.14	BUNNY CEDERLUND	USA	5:12.77	MAURINE KORNFELD	USA	3:12.76	BETH HANKS	USA
2:18.59	BARBARA VICKERS	AUS	51.36	JOYCE FAUNCE	AUS	6:24.50	GERTRUD ZINT	USA	3:24.23	MARY LATHRAM	USA
2:23.80	NICOLE SCHERLE	FRA	53.74	RITA SIMONTON	USA	6:24.66	PATRICIA PREVETZ	USA	3:45.45	MASAKO MATSUNO	JPN
2:24.91	LOIS KIVI NOCHMAN	USA	54.46	B.BURRILL	USA	6:27.69	JOYCE O'FARRELL	AUS	4:16.24	DOROTHY RIORDAN	USA
2:26.86	G.SCHOBEL-GRASS	GER	54.72	MAURINE KORNFELD	USA	6:37.88	KIKU ONO	JPN	200 M. FREE		
2:27.93	JUSTINE BAMFORD	AUS	55.41	JOYCE O'FARRELL	AUS	7:18.33	ELAINE BUCK	RSA	5:06.38	AUDREY ETIENNE	USA
2:28.10	SUZANNE GRAHAM	USA	56.99	LIS KNUTZEN	DEN	7:23.40	MARION CHADWICK	USA	5:16.84	WILLY VAN RYSEL	GBR
2:28.75	ANN TODD	AUS	57.25	CANDIDA GANDOLPHO	BRA	7:56.42	ELFIE STEVENIN	USA	5:30.42	MARIA LENK	BRA
2:31.27	M. CUNNINGHAM	AUS	100 M. FREE			9:27.91	IMRENE KOVACS	HUN	5:38.54	ANNE WALKER	USA
200 M. BRST			1:47.59	OLGA JOHNSON	NZL	50 M. BRST			6:59.50	MARY LATHRAM	USA
4:26.18	OLGA KOKORINA	RUS	1:51.88	BUNNY CEDERLUND	USA	1:03.16	MICHELE GUILLAIS	FRA	7:05.31	BETH HANKS	USA
4:59.34	BARBARA VICKERS	AUS	1:58.52	RITA SIMONTON	USA	1:06.48	BETTY CHRISTIAN	USA	7:08.99	MASAKO MATSUNO	JPN
5:00.00	G.SCHOBEL-GRASS	GER	2:01.85	B.BURRILL	USA	1:09.32	INGEBORG FRITZE	GER	7:14.57	CLARICE ARTIS	AUS
5:12.11	SUZANNE GRAHAM	USA	2:03.90	MAURINE KORNFELD	USA	1:10.56	LIS KNUTZEN	DEN	400 M. FREE		
5:15.85	ANN TODD	AUS	2:06.59	JOYCE O'FARRELL	AUS	1:14.87	FANNY LARSEN	DEN	10:58.64	WILLY VAN RYSEL	GBR
5:18.36	LOIS KIVI NOCHMAN	USA	2:07.13	CANDIDA GANDOLPHO	BRA	1:14.87	ANNELIESE POKER	GER	11:42.35	MARIA LENK	BRA
5:23.00	JUSTINE BAMFORD	AUS	2:08.05	JOYCE FAUNCE	AUS	1:17.74	BARBARA BOHM	GER	13:56.99	MARY LATHRAM	USA
5:33.50	SUMIKO YANAGISAWA	JPN	2:17.20	LIS KNUTZEN	DEN	1:20.93	MICHIKO HAMURO	JPN	14:30.22	CLARICE ARTIS	AUS
5:36.22	AMY MULCRONE	AUS	2:18.69	KIKUE ISHII	JPN	1:22.08	MARION DEVITT	CAN	15:01.48	MASAKO MATSUNO	JPN
5:51.23	KALIS RASMUSSEN	CAN	200 M. FREE			1:22.19	PERSIS RAE	AUS	800 M. FREE		
50 M. FLY			4:03.29	OLGA JOHNSON	NZL	100 M. BRST			22:42.50	WILLY VAN RYSEL	GBR
58.13	LOIS KIVI NOCHMAN	USA	4:16.36	RITA SIMONTON	USA	2:31.14	MICHELE GUILLAIS	FRA	24:28.41	MARIA LENK	BRA
58.49	CHIE TANI	JPN	4:24.17	CANDIDA GANDOLPHO	BRA	2:36.19	BETTY CHRISTIAN	USA	29:48.74	CLARICE ARTIS	AUS
59.62	FLORENCE CARR	USA	4:24.59	MAURINE KORNFELD	USA	2:36.47	LIS KNUTZEN	DEN	31:29.80	MASAKO MATSUNO	JPN
1:04.90	M. CUNNINGHAM	AUS	4:32.21	BUNNY CEDERLUND	USA	2:41.63	INGEBORG FRITZE	GER	1500 M. FREE		
1:04.90	YONE MURATA	JPN	4:35.70	B.BURRILL	USA	2:59.37	BARBARA BOHM	GER	42:30.27	WILLY VAN RYSEL	GBR
1:06.91	NORA RONAI	BRA	4:39.49	JOYCE O'FARRELL	AUS	3:03.23	MICHIKO HAMURO	JPN	56:06.47	MARY LATHRAM	USA
1:11.78	TEIKO SATO	JPN	4:57.57	JOYCE FAUNCE	AUS	3:12.70	MARION DEVITT	CAN	50 M. BACK		
1:11.97	JUNE KRAUSER	USA	5:02.90	LIS KNUTZEN	DEN	3:16.51	PAULINE STANGEL	USA	1:05.08	WILLY VAN RYSEL	GBR
1:12.72	BARBARA VICKERS	AUS	5:04.38	KIKUE ISHII	JPN	3:28.70	RITA SIMONTON	USA	1:10.29	AUDREY ETIENNE	USA
1:13.04	JUNE REYNOLDS	USA	400 M. FREE			3:31.44	GERTRUD ZINT	USA	1:19.05	ANNE WALKER	USA
100 M. FLY			8:43.79	OLGA JOHNSON	NZL	200 M. BRST			1:19.87	MIEKO NAGAOKA	JPN
2:06.81	LOIS KIVI NOCHMAN	USA	9:01.97	RITA SIMONTON	USA	5:23.25	BARBARA BOHM	GER	1:26.96	MARY LATHRAM	USA
2:25.65	CHIE TANI	JPN	9:19.39	MAURINE KORNFELD	USA	5:27.60	BETTY CHRISTIAN	USA	1:29.80	TOSHI KUBO	JPN
2:43.09	M. CUNNINGHAM	AUS	9:42.42	B.BURRILL	USA	6:06.85	INGEBORG FRITZE	GER	1:30.28	CLARICE ARTIS	AUS
2:44.86	NORA RONAI	BRA	10:33.45	JOYCE O'FARRELL	AUS	6:19.29	PERSIS RAE	AUS	1:40.52	BETH HANKS	USA
2:52.27	GLADYS OLSEN	USA	10:40.24	KIKUE ISHII	JPN	6:36.36	MICHIKO HAMURO	JPN	2:06.36	HILDA BUEL	USA
2:54.85	G.SCHOBEL-GRASS	GER	11:59.63	K.JOHNSTONE	NZL	7:19.30	GERTRUD ZINT	USA	2:09.22	DOROTHY RIORDAN	USA
2:55.14	JUNE KRAUSER	USA	12:09.40	KIKU ONO	JPN	9:01.96	IMRENE KOVACS	HUN	100 M. BACK		
2:55.16	JAE HOWELL	USA	12:22.06	KAY SCHIMPF	USA	50 M. FLY			2:25.93	WILLY VAN RYSEL	GBR
2:58.75	JUNE REYNOLDS	USA	12:47.47	JOAN GODSALL	AUS	1:24.61	MICHELE GUILLAIS	FRA	2:57.98	MIEKO NAGAOKA	JPN
3:24.71	BETTY DUNN	USA	800 M. FREE			1:30.77	RITA SIMONTON	USA	2:58.18	AUDREY ETIENNE	USA
200 M. FLY			17:49.83	OLGA JOHNSON	NZL	1:36.78	MAURINE KORNFELD	USA	3:05.85	ANNE WALKER	USA
4:37.72	LOIS KIVI NOCHMAN	USA	18:11.14	RITA SIMONTON	USA	2:14.80	GERTRUD ZINT	USA	3:13.86	MARY LATHRAM	USA
6:02.33	GLADYS OLSEN	USA	18:39.75	MAURINE KORNFELD	USA	2:34.02	ELFIE STEVENIN	USA	3:17.60	CLARICE ARTIS	AUS
6:22.67	JUNE KRAUSER	USA	21:36.47	JOYCE O'FARRELL	AUS	100 M. FLY			3:20.80	MASAKO MATSUNO	JPN
6:36.65	NORA RONAI	BRA	22:02.59	B.BURRILL	USA	6:45.39	ELFIE STEVENIN	USA	3:31.13	BETH HANKS	USA
6:46.64	JUNE REYNOLDS	USA	24:23.40	K.JOHNSTONE	NZL	200 M. FLY			4:27.24	DOROTHY RIORDAN	USA



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4:57.01 HILDA BUEL	USA	4:15.50 ANDREY ROMASHKIN	RUS	1:06.47 PETER ROSS	GBR	50 M. FREE
200 M. BACK		4:16.14 OLIVIER SAMINADIN	FRA	1:07.19 FABIO SILVA	BRA	23.85 DAVIDE DIAMBRI
5:17.36 WILLY VAN RYSEL	GBR	4:19.59 JOHN CALNAN	CAN	1:07.66 R.VAN DEN BROEK	GBR	24.10 OSWALDO QUEVEDO
6:26.11 MARIA LENK	BRA	4:22.35 HARRY EIN	USA	1:07.82 YASUNOBU KUSUDA	JPN	24.11 TIMO NOLTE
6:28.75 MIEKO NAGAOKA	JPN	4:24.02 PATRICK DIDEUM	USA	1:08.24 PETER FEHRING	USA	24.28 FELIPE DELGADO
6:37.65 ANNE WALKER	USA	4:25.84 TIM SPIWOKS	GER	1:08.55 C.MESSERER	GER	24.34 ALLAN MURRAY
7:10.92 MASAKO MATSUNO	JPN	4:26.99 SYLVAIN GOULESQUE	FRA	1:08.67 UMBERTO RAMELLI	ITA	24.34 BEN CHRISTOFFEL
7:16.56 MARY LATHRAM	USA	4:28.01 MATTHEW DAVIE	USA	1:08.80 RUDY GIRARD	FRA	24.38 RAFAEL AQUINO
50 M. BRST		4:29.11 RENAUD RESTOUIN	FRA	200 M. BRST		24.44 LEE WANIE
1:37.04 MARIA LENK ZIGLER	BRA	800 M. FREE		2:24.69 PETER ROSS	GBR	24.49 TOR ANDERS KILEN
3:16.47 HILDA BUEL	USA	8:45.39 JOHN CALNAN	CAN	2:25.91 CHRISTOPHER JONES	GBR	24.50 SHUNSUKE ITO
100 M. BRST		8:53.66 ANDREY ROMASHKIN	RUS	2:26.79 R.VAN DEN BROEK	GBR	100 M. FREE
3:23.14 MARIA LENK	BRA	9:01.87 MATTHEW DAVIE	USA	2:31.70 KUNIHICO CHIKEN	JPN	52.89 OSWALDO QUEVEDO
7:33.42 HILDA BUEL	USA	9:10.72 JASON FOX	USA	2:32.96 BRUNO STARZEC	FRA	53.41 TIMO NOLTE
200 M. BRST		9:16.19 PATRICK DIDEUM	USA	2:32.97 D.EGETENMEYER	GER	53.91 BEN CHRISTOFFEL
7:30.39 MARIA LENK	BRA	9:18.95 ANDY NONAKA	USA	2:33.50 CARL SHAW	GBR	54.14 C.CLEUZIOW
50 M. FLY		9:21.24 MATTHEW ROPER	USA	2:34.35 VINCENZO GIOVE	ITA	54.27 TROY JOHNSON
4:42.00 HILDA BUEL	USA	9:22.85 GIAMPIERO AGUILAR	CRC	2:34.51 JEFF MAYNOR	USA	54.30 R.LOCOCIOLO
200 M. I.M.		9:24.10 JOSE MANUEL NIETO	USA	2:35.19 RYAN SPENCER	RSA	54.32 DAVIDE STELL
14:56.55 HILDA BUEL	USA	9:31.15 JOEL RANC	FRA	50 M. FLY		54.33 LEONARDO GOMES
		1500 M. FREE		24.81 KOHEI KAWAMOTO	JPN	54.35 ANDRE CORDEIRO
*****		16:31.20 JOHN CALNAN	CAN	25.16 NAOKI NAGURA	JPN	54.65 YASUNORI KOMATSU
*****		17:57.89 JOEL RANC	FRA	25.59 B.SANGOUARD	FRA	200 M. FREE
*****		17:57.93 CARL SHAW	GBR	25.68 ADAM CONWAY	USA	1:54.33 JOSH DAVIS
*****		18:02.30 TSUTOMU SEKINE	JPN	25.76 CARL HESSLER	USA	1:58.69 ADAM DAWKINS
*****		18:08.61 TIM SPIWOKS	GER	25.77 JERMAINE BRITTON	USA	1:59.53 FABIAN CZACHOR
*****		18:10.25 JELLE GHESQUIERE	BEL	25.79 HIROKI SAKURAI	JPN	1:59.85 RAFAEL GUIJARRO
*****		18:23.17 DAN PEDERSEN	DEN	25.86 FUMINORI YASAKA	JPN	2:01.50 TYLER BLESSING
*****		18:27.64 JULIEN FARRAS	FRA	25.95 THOMAS EHRHARDT	GER	2:02.18 EDWARD CLAYTON
*****		18:30.48 B.WINTERFELDT	GER	25.97 YUSUKE ISHIGURO	JPN	2:02.70 R.LOCOCIOLO
*****		18:31.05 UWE BODUSCH	GER	100 M. FLY		2:02.82 MATTHEW GILMAN
*****		50 M. BACK		56.51 NAOKI NAGURA	JPN	2:02.99 C.CLEUZIOW
*****		27.43 ROBERT KROLL	GER	56.65 YUSUKE ISHIGURO	JPN	2:03.19 J.POUILLY
*****		27.50 THORSTEN HERRMANN	GER	57.39 KENTA ISHII	JPN	400 M. FREE
*****		27.52 KEITARO KONNAI	JPN	57.58 ANDREW MANLEY	GBR	4:13.71 ALBERT SUTANTO
*****		27.54 SHINGO SEKIGUCHI	JPN	57.59 LOIC LEROY	FRA	4:13.97 SEBASTIAN WIESE
*****		27.86 TAKUMA YAMAOKA	JPN	57.68 THOMAS EHRHARDT	GER	4:14.04 CAMERON MULL
*****		28.09 NAOKI NAGURA	JPN	57.73 MARCIO MENEZES	BRA	4:14.15 FABIAN CZACHOR
*****		28.22 MICHAEL SCARCELLI	USA	58.07 ADAM CONWAY	USA	4:15.52 ADAM DAWKINS
*****		28.43 M.QUAGLIANI	ITA	58.97 SHUSAKU TAKENAKA	JPN	4:19.50 JACOPO VANNUCCI
*****		28.44 B.SANGOUARD	FRA	59.10 ANDREW BOYCE	USA	4:19.98 ANTONIO CASTORINA
*****		28.49 JONATHAN AUDIS	GBR	200 M. FLY		4:20.07 ANDREA MARCATO
*****		100 M. BACK		2:07.85 LOIC LEROY	FRA	4:20.33 SYLVAIN GALANGO
*****		59.10 TAKUMA YAMAOKA	JPN	2:08.21 MARCIO MENEZES	BRA	4:20.70 G.CASTORINA
*****		59.25 THORSTEN HERRMANN	GER	2:12.84 ANDREJ PIRC	SLO	800 M. FREE
*****		1:00.79 JONATHAN AUDIS	GBR	2:13.46 JOHN CALNAN	CAN	8:43.90 ANDREA MARCATO
*****		1:01.72 M.QUAGLIANI	ITA	2:13.71 SHUSAKU TAKENAKA	JPN	8:55.70 SEBASTIAN WIESE
*****		1:02.73 FLORENT POIRIER	FRA	2:15.86 THOMAS EHRHARDT	GER	8:56.58 ADAM DAWKINS
*****		1:02.95 DANE HARROP	GBR	2:17.55 DANE HARROP	GBR	8:56.68 JAN GRAEFE
*****		1:03.59 STUART MANTLE	GBR	2:17.96 KEVIN BACHMANN	SUI	8:57.07 FABIAN CZACHOR
*****		1:03.61 KENJIRO HAYASHI	JPN	2:18.98 RALF HILDEBRANDT	GER	9:00.93 ALBERT SUTANTO
*****		1:03.65 YUSHI KUBO	JPN	2:20.45 SACHA SILVA	SUI	9:02.91 FABIO AFFRICANO
*****		1:03.87 DOMENICO CAPUTO	ITA	200 M. I.M.		9:08.83 G.CASTORINA
*****		200 M. BACK		2:13.46 K.MATSUMURA	JPN	9:10.30 FABRIZIO LEONARDI
*****		2:11.57 THORSTEN HERRMANN	GER	2:14.05 JONATHAN AUDIS	GBR	9:10.90 ANTONIO CASTORINA
*****		2:14.43 JONATHAN AUDIS	GBR	2:14.60 FLORENT POIRIER	FRA	1500 M. FREE
*****		2:18.01 JASON FOX	USA	2:14.66 LOIC LEROY	FRA	16:51.84 FABIAN CZACHOR
*****		2:18.79 DOMENICO CAPUTO	ITA	2:15.94 CHRISTOPHER JONES	GBR	16:53.32 SEBASTIAN WIESE
*****		2:19.62 RALF HILDEBRANDT	GER	2:16.00 OLIVIER SAMINADIN	FRA	17:08.00 ANDREA MARCATO
*****		2:20.03 VINCENT TURPIN	FRA	2:16.37 KEISUKE KUGA	JPN	17:08.40 FABIO AFFRICANO
*****		2:20.13 A.DELLA PIETA	ITA	2:16.62 RUDY GIRARD	FRA	17:30.30 G.CASTORINA
*****		2:20.61 FLORENT POIRIER	FRA	2:16.75 JASON FOX	USA	17:43.90 MASSIMO MELANI
*****		2:20.82 STEVEN LORZIL	FRA	2:17.60 TIM SPIWOKS	GER	17:49.70 ROMAIN MARTY
*****		2:20.98 ANDREJ PIRC	SLO	400 M. I.M.		17:54.58 S.BOUGAULT
*****		50 M. BRST		4:45.40 JOCHEN HANZ	GER	18:08.59 TILL RICHTER
*****		29.14 CHRIS STEWART	RSA	4:49.14 OLIVIER SAMINADIN	FRA	18:09.30 FABRIZIO LEONARDI
*****		30.09 ROSS NICHOLAS	GBR	4:54.90 JELLE GHESQUIERE	BEL	50 M. BACK
*****		30.40 YASUNOBU KUSUDA	JPN	4:55.52 JASON FOX	USA	27.09 DANIEL GOIS
*****		30.44 TOMONORI TSUJI	JPN	4:55.94 LOIC LEROY	FRA	27.70 JOSH DAVIS
*****		30.70 TETSUYA NOZAKI	JPN	4:58.45 D.EGETENMEYER	GER	27.76 KENTARO NAKAMURA
*****		30.72 SVEN GROSSE	GER	4:59.10 TIM SPIWOKS	GER	27.78 TAKAFUMI OISHI
*****		30.73 RUDY GIRARD	FRA	4:59.34 ANDREJ PIRC	SLO	27.88 LEONARDO GOMES
*****		30.80 GABOR BOROS	HUN	4:59.87 ALEX IGNATOV	USA	28.17 JEFF COMMINGS
*****		30.83 CHRISTIAN LOHFINK	GER	5:01.99 ANDREA PIRANI	ITA	28.23 JEROME FAROUZE
*****		30.83 ARMANDO GIURANNA	ITA	*****		28.28 TROY JOHNSON
*****		100 M. BRST		*****		28.28 CHRYSSTIAN GAUVIN
*****		1:05.11 GREG OWEN	USA	*****		28.32 T.TAKEMURA
*****		1:05.67 CHRISTOPHER JONES	GBR	*****		100 M. BACK



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59.41	TAKAFUMI OISHI	JPN	2:11.06	ANDREA MARCATO	ITA	4:26.96	MATTEO AMMANNATI	ITA	200 M. BRST
59.91	JEFF COMMINGS	USA	2:12.13	SYLVAIN GALANGO	FRA	800 M. FREE			2:27.55 ROQUE SANTOS USA
1:00.31	LEONARDO GOMES	BRA	2:12.52	G.CASTORINA	ITA	8:41.16	DANIEL VERDAGUER	ESP	2:30.66 RICARDO TORRES PAN
1:00.33	JEROME FAROUZE	FRA	2:14.16	TOLGA BILGIN	FRA	8:55.30	ALEJANDRO MORENO	MEX	2:32.31 NIGEL MASTERS GBR
1:00.33	KENTARO NAKAMURA	JPN	2:15.10	RAFFAELLO CLAVARI	ITA	9:00.60	JEFFREY UTSCH	USA	2:34.64 MIKE LANE USA
1:00.38	FELIX SUTANTO	INA	2:15.88	KIMITAKA MINOBE	JPN	9:06.00	MARCO TENDERINI	ITA	2:34.71 GUY LACONTAL FRA
1:01.43	DANIEL GOIS	BRA	2:16.63	FREDERICO LACERDA	BRA	9:06.78	MARK MAGEE	USA	2:34.99 MASSIMO BUSIGNANI ITA
1:01.77	JEFF DRAGSTEN	USA	2:17.26	NICO KOCH	GER	9:07.53	MATT KELLER	USA	2:35.69 ANDREA AGOSTINONE ITA
1:02.00	GUSTAVO MELO	BRA	2:17.53	PIERRE RABAT	FRA	9:09.59	KURT DICKSON	USA	2:37.49 M.LOTTI ITA
1:02.57	STEFANO SBLANO	ITA	200 M. I.M.			9:10.19	MARCIN WEDLARSKI	SWE	2:39.23 FABIO CAVALLI ITA
2:09.47	JEROME FAROUZE	FRA	2:11.88	ALBERT SUTANTO	INA	9:13.40	MATTEO AMMANNATI	ITA	2:39.91 SVEN GRUNERT GER
2:09.81	LEONARDO GOMES	BRA	2:12.17	HIROYUKI KOSAKA	JPN	9:17.00	ROBERTO VENIER	ITA	50 M. FLY
2:14.22	FELIX SUTANTO	INA	2:13.74	JEFF COMMINGS	USA	1500 M. FREE			25.92 DAVID LAWSON USA
2:17.61	MARCO RUSSO	ITA	2:16.31	TYLER BLESSING	USA	17:35.15	TAKASHI SUGISAWA	JPN	26.00 HIDEYUKI CHIGIRA JPN
2:17.69	GUSTAVO MELO	BRA	2:16.51	MATTHEW GILMAN	USA	17:44.80	MARCO TENDERINI	ITA	26.13 KEITH DENNISON USA
2:18.28	MATTHEW PENTLAND	USA	2:16.87	SASCHA JANITZKI	GER	17:45.50	LUCA DI IACOVO	ITA	26.30 MIKE FIBBENS GBR
2:18.81	JEFF COMMINGS	USA	2:17.01	G.CASTORINA	ITA	17:49.30	E.MANTOVANI	ITA	26.31 BERNIE ZERUHN USA
2:19.17	MATTHEW MCKENNA	USA	2:17.06	RAPHAEL VIEIRA	BRA	17:56.00	MATTEO AMMANNATI	ITA	26.35 ARTURS JAKOVLEVS LAT
2:19.49	NICO KOCH	GER	2:17.24	SIMONE BATTISTON	ITA	18:04.50	ROBERTO VENIER	ITA	26.44 BRAD HIBBARD USA
2:20.63	K.SEKIGUCHI	JPN	400 M. I.M.			18:10.83	KURT DICKSON	USA	26.48 PHILIPPE MEYER SUI
50 M. BRST			4:46.01	ALBERT SUTANTO	INA	18:11.50	GIOVANNI RICCI	ITA	26.49 TAKESHI DANNO JPN
29.01	JEFF COMMINGS	USA	4:51.84	MATTHEW GILMAN	USA	18:12.53	MARK MATHESON	USA	26.61 DIKAN RENDIC USA
29.30	TIMO NOLTE	GER	4:52.11	SASCHA JANITZKI	GER	18:15.40	DANNY FINCH	CAN	100 M. FLY
29.67	TYSON YOUNG	AUS	4:54.58	G.CASTORINA	ITA	50 M. BACK			56.41 BERNIE ZERUHN USA
30.07	YASUHIRO KOMORI	JPN	4:59.60	FREDERICO LACERDA	BRA	27.51	MICHAEL ROSS	USA	57.31 MICHAEL ROSS USA
30.10	TAKASHI HIRAKAWA	JPN	4:59.70	DAVID BRESSER	USA	27.68	RICK GOULD	USA	57.39 PHILIPPE MEYER SUI
30.24	KOSEI KAJITA	JPN	5:03.17	MATT HOOPER	USA	27.70	EDILSON SILVA	BRA	58.66 ARTURS JAKOVLEVS LAT
30.40	ALAN PESSOTTI	BRA	5:03.27	DIEGO TADDEI	ITA	28.15	Y.NAKAHARA	JPN	59.20 HIROYUKI NAKAMURA JPN
30.48	LAURENCE BECKER	USA	5:05.59	NICO KOCH	GER	28.33	GIUSEPPE TIANO	ITA	59.90 MARK VOGEL DEN
30.57	E.FILIPPONE	ITA	5:07.01	SATOSHI TANI	JPN	28.36	BERNIE ZERUHN	USA	59.95 ANDREA CORSO ITA
30.60	SIMONE BATTISTON	ITA				28.46	MARK TEWKSBURY	CAN	1:00.11 LUDOVIC LEROUX FRA
100 M. BRST						28.50	MARCO ORSINI	ITA	1:00.23 KEITH DENNISON USA
1:05.85	TIMO NOLTE	GER				28.53	VLADIMIR RIBEIRO	BRA	1:00.27 E.CAPRANI SUI
1:06.29	JEFF COMMINGS	USA				28.98	PETER OBERGLOCK	GER	200 M. FLY
1:07.36	SIMONE BATTISTON	ITA				100 M. BACK			2:07.13 BERNIE ZERUHN USA
1:08.04	SASCHA JANITZKI	GER	24.14	M.GIALDI	ITA	59.18	MICHAEL ROSS	USA	2:09.03 PHILIPPE MEYER SUI
1:08.29	ALAN PESSOTTI	BRA	24.37	BRAD HIBBARD	USA	1:00.00	RICK GOULD	USA	2:12.95 MARK MAGEE USA
1:08.66	RAFFAELE NOTTE	ITA	24.48	MICHAEL ROSS	USA	1:00.72	Y.NAKAHARA	JPN	2:13.17 HIROYUKI NAKAMURA JPN
1:08.72	CRISTIAN SOLDANO	BRA	24.56	BRENT LANG	USA	1:00.72	EDILSON SILVA	BRA	2:14.12 RICK GOULD USA
1:08.86	BEN CHRISTOFFEL	USA	24.64	MIKE FIBBENS	GBR	1:01.25	MARK VOGEL	DEN	2:14.28 DAVE HOLLAND USA
1:08.93	TAKASHI HIRAKAWA	JPN	24.67	CRISTIANO BALDINI	ITA	1:01.37	CHRIS JONES	GBR	2:17.25 ALEJANDRO MORENO MEX
1:09.34	NIKOLA SAVCIC	USA	24.68	DAVID LAWSON	USA	1:01.64	MICHAEL NOLAN	GBR	2:18.98 GIUSEPPE BANDINU ITA
200 M. BRST			24.69	RICHARD BERA	INA	1:01.80	MARK TEWKSBURY	CAN	2:21.59 HANS WANKE USA
2:24.49	VALERY KALMIKOV	LAT	24.95	DAN WEGNER	USA	1:01.95	GIUSEPPE TIANO	ITA	2:22.13 DONAL HORGAN ITA
2:26.26	SIMONE BATTISTON	ITA	24.97	JOCHEN BRUHA	GER	1:02.64	VLADIMIR RIBEIRO	BRA	200 M. I.M.
2:28.92	SASCHA JANITZKI	GER	100 M. FREE			200 M. BACK			2:15.31 ROQUE SANTOS USA
2:29.25	HIDEAKI TOGO	JPN	52.22	VLAD PYSHNENKO	USA	2:10.59	RICK GOULD	USA	2:16.95 LORENZO BENUCCI USA
2:30.52	MATTHEW GILMAN	USA	52.74	MICHAEL ROSS	USA	2:13.48	MARK VOGEL	DEN	2:18.06 MARK MAGEE USA
2:31.74	CRISTIAN SOLDANO	BRA	54.00	BERNIE ZERUHN	USA	2:16.62	KURT DICKSON	USA	2:18.97 GREGORY LATTA USA
2:31.82	JAN GRAEFE	GER	54.05	RICHARD BERA	INA	2:17.98	MICHAEL NOLAN	GBR	2:20.07 GIUSEPPE BANDINU ITA
2:32.03	RAPHAEL VIEIRA	BRA	54.25	CRISTIANO BALDINI	ITA	2:18.50	JEFFREY UTSCH	USA	2:21.32 A.BRUGIOLO ITA
2:32.54	CLAUDE NEMURAT	FRA	54.35	DAVID LAWSON	USA	2:19.87	MAURO TORRI	ITA	2:21.57 JIRI LISKA CZE
2:32.65	RYUTARO MORITA	JPN	54.83	ANDREA CORSO	ITA	2:20.20	MARCEL RINZLER	USA	2:21.73 ALEJANDRO MORENO MEX
50 M. FLY			55.12	VLADIMIR RIBEIRO	BRA	2:20.89	PATRICK BALDELLI	FRA	2:21.90 PETER OBERGLOCK GER
24.73	OSWALDO QUEVEDO	USA	55.14	MIKE FIBBENS	GBR	2:21.02	RICK HAMILTON	USA	2:22.15 DANIELE BUZZETTI ITA
25.91	MAKIO ENDO	JPN	55.25	NICOLAS MARC	FRA	2:21.16	SCOTT REED	USA	400 M. I.M.
26.01	MASATERU IKEDA	JPN	200 M. FREE			50 M. BRST			4:48.38 ROQUE SANTOS USA
26.10	JOSE MERINO	USA	1:52.84	VLAD PYSHNENKO	USA	29.64	ANDREA AGOSTINONE	ITA	4:53.30 RICK GOULD USA
26.20	HIROYUKI KOSAKA	JPN	1:55.62	MICHAEL ROSS	USA	30.84	JONATHAN MANSON	USA	4:54.20 MARK MAGEE USA
26.20	TOMOHIRO NAKANO	JPN	1:57.89	BERNIE ZERUHN	USA	30.94	NIGEL MASTERS	GBR	4:56.75 LORENZO BENUCCI USA
26.21	MARKUS BIERIG	GER	1:58.17	DANIEL VERDAGUER	ESP	31.11	FABIO SPINADIN	ITA	4:58.41 ALEJANDRO MORENO MEX
26.47	ANDREA TALEVI	ITA	1:58.66	JOCHEN BRUHA	GER	31.20	HAJIME MORIMOTO	JPN	4:58.46 GREGORY FUENTES ECU
26.48	SEIJI SUGIMOTO	JPN	1:59.85	SEAN SWAIN	USA	31.32	MAKOTO ONODERA	JPN	4:59.60 SCOTT REED USA
26.49	MATTHEW EISENHUTH	USA	2:00.61	JEFFREY UTSCH	USA	31.40	MIKE LANE	USA	5:00.44 MARCIN WEDLARSKI SWE
100 M. FLY			2:01.23	ROBERT GARY	USA	31.50	MARCO DI MARTINO	ITA	5:02.55 MARCEL RINZLER USA
56.62	OSWALDO QUEVEDO	USA	2:01.40	DAN WEGNER	USA	31.67	ALBERTO MONTINI	ITA	5:04.10 GIUSEPPE BANDINU ITA
57.51	ROBERT BAYER	GER	2:02.80	KEVIN SCOTT	USA	100 M. BRST			
57.92	FELIX SUTANTO	INA	400 M. FREE			1:08.34	ROQUE SANTOS	USA	
57.94	HIROYUKI KOSAKA	JPN	4:09.74	DANIEL VERDAGUER	ESP	1:08.43	ANDREA AGOSTINONE	ITA	
58.02	CAMERON MULL	USA	4:19.06	MATT KELLER	USA	1:09.24	PIERRE JAILLET	FRA	
58.04	LEONARDO GOMES	BRA	4:21.26	JEFFREY UTSCH	USA	1:09.59	ALBERTO MONTINI	ITA	
58.23	EDWARD CLAYTON	GBR	4:21.97	MARK MAGEE	USA	1:10.06	NIGEL MASTERS	GBR	
58.53	MARCUS BIERIG	GER	4:22.24	FRED CLATWORTHY	GBR	1:10.33	AARON BARTLESON	USA	
58.82	TOLGA BILGIN	FRA	4:23.83	ALEJANDRO MORENO	MEX	1:10.40	HAJIME MORIMOTO	JPN	
58.92	FREDERICO LACERDA	BRA	4:24.94	TAKASHI SUGISAWA	JPN	1:10.51	GUY LACONTAL	FRA	
200 M. FLY			4:25.99	SEAN SWAIN	USA	1:10.59	RICARDO TORRES	PAN	
2:10.49	ALBERT SUTANTO	INA	4:26.51	LUCA DI IACOVO	ITA	1:10.61	GREGORY LATTA	USA	



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25.10	L.MICHELOTTI	ITA	1:04.27	EMAD ELSHAFEI	USA	2:19.90	DAMIANO NANETTI	ITA	9:15.32	NEIL BROPHY	USA
25.17	F.RODRIGUEZ	PER	1:04.47	THOMAS DOCKHORN	GER	200 M. I.M.			9:20.52	GREGG PRICE	RSA
25.21	JARMIL PRONEK	CZE	200 M. BACK			2:17.53	JOHN SMITH	USA	9:24.91	GRAHAM WELBOURN	CAN
100 M. FREE			2:13.37	SEAN MURPHY	USA	2:18.97	A.LAVEGLIA	ITA	9:25.31	SCOTT SHAKE	USA
53.45	RICH SAEGER	USA	2:14.61	JOHN ENGS	USA	2:19.31	STEPHEN SMITH	USA	9:25.45	PASCAL MERCURI	FRA
53.98	METELLO SAVINO	ITA	2:14.83	DANIEL VEATCH	USA	2:19.57	SEAN MURPHY	USA	1500 M. FREE		
54.27	JOHN SMITH	USA	2:15.35	ROSS DAVIS	USA	2:19.77	DANIEL VEATCH	USA	17:44.29	GEORGE TIDMARSH	USA
54.60	ROSS DAVIS	USA	2:16.58	CHRIS STEVENSON	USA	2:19.99	ANDREW PULSIFER	USA	18:21.68	PASCAL MURCURI	FRA
54.85	HENRY CLARK	USA	2:19.32	ANDREW PULSIFER	USA	2:20.78	DARREN PHELAN	USA	18:23.16	SCOTT SHAKE	USA
55.38	MARK REYNOLDS	GBR	2:21.63	N.LECHEVALIER	FRA	2:21.84	EDWIN VAN NORDEN	NED	18:26.72	EWEN FERGUSON	GBR
55.53	SAM WORDEN	USA	2:21.91	WOJCIECH BLECHAR	GER	2:21.88	GILLES DESCHENES	CAN	18:31.39	ALEXEI ZVEREV	GER
55.81	BRADLEY HOWE	USA	2:22.49	DARREN PHELAN	USA	2:21.95	PAOLO CARMINATI	ITA	18:40.21	MARK JONES	GBR
55.94	ANDREW MOORE	GBR	2:22.96	TODD LINCOLN	USA	400 M. I.M.			18:51.59	DETLEV MAAS	GER
56.03	F.RODRIGUEZ	PER	50 M. BRST			4:53.46	A.LAVEGLIA	ITA	18:53.94	MARC JOUANDON	FRA
200 M. FREE			30.79	MARK RUTLEDGE	USA	4:58.36	MIKE SHAFFER	USA	18:57.46	JEFFREY CROSSON	USA
1:55.06	RICH SAEGER	USA	30.83	JENS LUTSCHIN	GER	4:58.37	DARREN PHELAN	USA	18:59.51	JOHN MORALES	USA
1:58.60	ROSS DAVIS	USA	30.92	WALLY DICKS	USA	4:59.40	SEAN MURPHY	USA	50 M. BACK		
1:58.74	JURE BUCAR	SLO	31.13	GREG RHODENBAUGH	USA	5:00.09	ANDREW PULSIFER	USA	28.74	CLAY BRITT	USA
1:59.25	HENRY CLARK	USA	31.14	M.WILLIAMSON	CAN	5:02.90	STEPHEN SMITH	USA	28.75	STEVE WOOD	USA
2:02.38	MIKE SHAFFER	USA	31.21	J.MELLADO	FRA	5:03.80	DOUG STEWART	USA	29.01	CRAIG NORREY	SUI
2:02.54	MICHAEL PRUFERT	GER	31.24	WOLFGANG JARMER	GER	5:07.13	A.TIBERTI	ITA	29.29	RAMON VOLCAN	VEN
2:02.61	BRADLEY HOWE	USA	31.49	RICO ROLLI	ITA	5:07.14	MICHAEL KLEIBER	GER	30.10	FRANK WASKO	USA
2:02.96	STEPHEN SMITH	USA	31.52	HOWARD SEIDMAN	USA	5:08.08	TIM LENNEMAN	USA	30.13	ALBERT BOONSTRA	NED
2:03.78	ALAIN BELLAGUET	FRA	31.55	TSUYOSHI KATO	JPN				30.25	SCOTT SHAKE	USA
2:04.02	MARK REYNOLDS	GBR	100 M. BRST			*****			30.44	SHAWN O'GORMAN	USA
400 M. FREE			1:08.21	HOWARD SEIDMAN	USA	M E N 45-49			30.46	THIERRY CHANOINE	FRA
4:13.82	JURE BUCAR	SLO	1:08.40	WALLY DICKS	USA	*****			30.59	JONATHAN KLEIN	USA
4:14.37	MICHAEL PRUFERT	GER	1:09.94	V.PYLYPCHENKO	UKR	50 M. FREE			100 M. BACK		
4:21.20	JEFF ERWIN	USA	1:10.42	MICHAEL RUFFNER	USA	24.29	PAUL SMITH	USA	1:01.73	STEVE WOOD	USA
4:21.54	GEOFFREY GLASER	USA	1:10.72	RICO ROLLI	ITA	24.54	BRENT BARNES	JPN	1:02.07	CLAY BRITT	USA
4:22.04	DANIEL VEATCH	USA	1:11.04	ANDREY BARZHAK	RUS	24.87	G.GIGLIETTI	ITA	1:03.71	SHAWN O'GORMAN	USA
4:22.82	MIKE SHAFFER	USA	1:11.30	THIERRY PATA	FRA	24.98	DAVID BOATWRIGHT	USA	1:04.92	CRAIG NORREY	SUI
4:24.49	MICHAEL KLEIBER	GER	1:11.72	MARCO VEILLEUX	CAN	25.06	CYRO DELGADO	BRA	1:05.04	SCOTT SHAKE	USA
4:24.88	BRADLEY HOWE	USA	1:12.09	J.MELLADO	FRA	25.18	LARRY FORSYTH	AUS	1:06.05	JONATHAN KLEIN	USA
4:25.28	GERRY RODRIGUES	USA	1:12.10	BRIAN HASEGAWA	CAN	25.20	NIGEL GOLDSWORTHY	SUI	1:06.30	WIESLAW MUSIAL	CAN
4:26.61	DOUG STEWART	USA	200 M. BRST			25.20	LIONEL GODEAUX	BEL	1:07.01	GLEN BATTLE	USA
800 M. FREE			2:31.53	V.PYLYPCHENKO	UKR	25.46	STEVE ALLBRITTON	USA	1:07.32	CLAUS SWATOSCH	GER
8:44.49	JEFF ERWIN	USA	2:38.01	STEVEN CRYER	GBR	25.52	STEVE WOOD	USA	1:07.50	GONZALO CORVERA	MEX
8:55.48	MICHAEL PRUFERT	GER	2:38.37	J.MELLADO	FRA	25.52	GREGG PRICE	RSA	200 M. BACK		
8:57.91	MIKE SHAFFER	USA	2:39.23	RICO ROLLI	ITA	100 M. FREE			2:18.81	WIESLAW MUSIAL	CAN
9:01.38	DANIEL VEATCH	USA	2:39.44	PAOLO CARMINATI	ITA	54.41	PAUL SMITH	USA	2:19.70	ROGER VON JOUANNE	USA
9:03.05	GEOFFREY GLASER	USA	2:40.14	PREBEN WARGA	SUI	54.83	DAVID BOATWRIGHT	USA	2:20.17	SHAWN O'GORMAN	USA
9:04.08	PAOLO CARMINATI	ITA	2:40.48	KAZUNORI UEMURA	JPN	55.70	STEVE WOOD	USA	2:20.87	SCOTT SHAKE	USA
9:08.76	MICHAEL KLEIBER	GER	2:40.51	TIMOTHY SALPETER	CAN	56.00	G.GIGLIETTI	ITA	2:22.06	CAMERON REID	USA
9:10.01	GERRY RODRIGUES	USA	2:41.18	PATRICIO ELGART	CHI	56.10	LARRY FORSYTH	AUS	2:22.93	CRAIG PETERSEN	USA
9:18.26	JORGE PEREZ	VEN	2:41.86	M.WILLIAMSON	CAN	56.74	CRAIG NORREY	SUI	2:23.55	DJAN MADRUGA	BRA
9:21.59	MICHAEL SCHMIDT	USA	50 M. FLY			56.92	BRENT BARNES	JPN	2:24.28	BUZZ HARPER	USA
1500 M. FREE			26.20	STEVE HILTABIDDLE	USA	57.08	GRAHAM WELBOURN	CAN	2:26.01	GLEN BATTLE	USA
16:54.95	MICHAEL PRUFERT	GER	26.32	CHUCK PONTHER	USA	57.20	MATTHEW HAYES	USA	2:26.24	CHARLES GROEN	USA
17:21.27	MIKE SHAFFER	USA	26.37	GABRIELE MAINI	ITA	57.24	JERRY DAWSON	USA	50 M. BRST		
17:24.14	MICHAEL KLEIBER	GER	26.62	ANDREA TOJA	ITA	200 M. FREE			30.27	RICHARD SCHROEDER	USA
17:42.50	A.LAVEGLIA	ITA	26.65	TAIHEI SAKA	JPN	1:59.56	MARCUS MATTIOLI	BRA	31.03	JON BLANK	USA
17:46.39	JOOST KUIJLAARS	NED	26.76	JOHN SMITH	USA	2:00.44	PAUL SMITH	USA	31.43	DOUG MALCOLM	USA
17:54.08	LAURENT BERNARD	FRA	26.77	ANDERS RASMUSSEN	USA	2:01.25	DANIEL MACHEK	CZE	31.53	DAVID GUTHRIE	USA
18:08.24	GERRY RODRIGUES	USA	26.87	L.MICHELOTTI	ITA	2:03.30	STEVE WOOD	USA	32.14	OLIVIER BORIOS	FRA
18:19.95	K.DELLBRUGGE	GER	26.89	HENRY CLARK	USA	2:03.49	CYRO DELGADO	BRA	32.31	GERHARD AMMER	GER
18:22.69	VOLKER MARTINS	GER	26.96	ZOLTAN LEVAY	HUN	2:03.88	DAVID BOATWRIGHT	USA	32.63	ANDREA FLORIT	ITA
18:24.30	FABRIZIO BORRELLI	ITA	100 M. FLY			2:04.42	DIETMAR MIELKE	GER	32.83	FABRIZIO GRIFFO	ITA
50 M. BACK			58.20	HENRY CLARK	USA	2:04.43	NEIL BROPHY	USA	32.87	TIMUR PODMAREV	RUS
28.53	RICH SAEGER	USA	58.70	MIKE SHAFFER	USA	2:05.43	GRAHAM WELBOURN	CAN	32.89	MASAOKI OTSUKI	JPN
28.59	SEAN MURPHY	USA	58.85	STEVE HILTABIDDLE	USA	2:05.59	DENNIS BAKER	USA	100 M. BRST		
28.92	JOHN ENGS	USA	59.47	TAIHEI SAKA	JPN	400 M. FREE			1:08.92	RICHARD SCHROEDER	USA
29.20	CHRIS STEVENSON	USA	59.68	ANDREA TOJA	ITA	4:14.81	MARCUS MATTIOLI	BRA	1:10.03	DAVID GUTHRIE	USA
29.29	ANDREA TOJA	ITA	59.79	CHUCK PONTHER	USA	4:15.16	DENNIS BAKER	USA	1:10.23	JON BLANK	USA
29.34	TOSHIHIRO KONDO	JPN	1:00.26	ROSS DAVIS	USA	4:20.23	DANIEL MACHEK	CZE	1:11.49	DOUG MALCOLM	USA
29.62	F.RODRIGUEZ	PER	1:00.43	ANDERS RASMUSSEN	USA	4:24.61	NEIL BROPHY	USA	1:11.73	TIMUR PODMAREV	RUS
29.62	ROSS DAVIS	USA	1:00.85	L.MICHELOTTI	ITA	4:25.90	GRAHAM WELBOURN	CAN	1:12.46	THOMAS LIGL	GER
29.64	ANTHONY MOSSE	USA	1:00.88	GABRIELE MAINI	ITA	4:27.01	B.BORDONALI	ITA	1:13.53	PAT ALLENDER	USA
29.69	THOMAS DOCKHORN	GER	200 M. FLY			4:27.48	CRAIG PETERSEN	USA	1:13.77	ANDREA FLORIT	ITA
100 M. BACK			2:10.20	MIKE SHAFFER	USA	4:27.67	CAMERON REID	USA	1:13.89	MARK SMEDLEY	AUS
1:00.64	RICH SAEGER	USA	2:14.10	A.LAVEGLIA	ITA	4:28.11	GEORGE TIDMARSH	USA	1:14.15	ALBERT BOONSTRA	NED
1:00.95	SEAN MURPHY	USA	2:15.91	CHRIS STEVENSON	USA	4:31.32	JIM CALLAHAN	USA	200 M. BRST		
1:02.58	ROSS DAVIS	USA	2:17.28	RAUL ANDRADE	BRA	800 M. FREE			2:31.42	DAVID GUTHRIE	USA
1:02.66	CHRIS STEVENSON	USA	2:17.89	WOJCIECH BLECHAR	GER	8:42.85	MARCUS MATTIOLI	BRA	2:33.74	THOMAS LIGL	GER
1:03.51	TOSHIHIRO KONDO	JPN	2:18.50	OLIVIER GALLET	FRA	9:07.99	GEORGE TIDMARSH	USA	2:34.32	TIMUR PODMAREV	RUS
1:03.58	DANIEL VEATCH	USA	2:18.60	DOUG STEWART	USA	9:10.17	DANIEL MACHEK	CZE	2:36.36	JON BLANK	USA
1:03.65	ANDREW PULSIFER	USA	2:19.18	DARREN PHELAN	USA	9:10.46	CRAIG PETERSEN	USA	2:41.33	PAT ALLENDER	USA
1:04.03	ANDREA TOJA	ITA	2:19.43	MICHAEL KLEIBER	GER	9:11.94	B.BORDONALI	ITA	2:42.29	GREG SCOTT	USA



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2:43.38	G.GAETANO DELLI	ITA	56.80	JIM MONTGOMERY	USA	2:31.98	ROBERT SUPPLE	USA	2:30.03	ROBERT WEYHENKE	NED
2:43.76	MARK SMEDLEY	AUS	57.68	RICK ABBOTT	USA	2:33.91	MARK DRENNEN	USA	2:30.13	CELSO JUGEND	BRA
2:44.40	BARRY O'BRIEN	GBR	58.46	PHILIPPE MORELLE	BEL	2:34.13	WES EDWARDS	USA	2:30.63	STUART CORLISS	USA
2:44.52	DAVID CARTLEDGE	GBR	58.61	BRADFORD GANDEE	USA	2:35.11	TATSURO HIROMOTO	JPN	2:30.87	JACK GROSELLE	USA
50 M. FLY			58.62	GARY SCHATZ	USA	2:37.12	CASEY CLAFLIN	USA	2:31.01	JAMES KEMP	USA
25.90	PAUL SMITH	USA	58.73	BARRY ROTH	USA	2:37.32	MIROSLAW WARCHOL	POL	400 M. I.M.		
26.79	PAUL CARTER	USA	58.93	G.HOFFMANN	USA	50 M. BRST			5:10.32	MICHAEL MANN	USA
26.97	GREGG PRICE	RSA	200 M. FREE			31.97	RONNY OLTNER	SWE	5:10.94	MARK DRENNEN	USA
27.27	RAMON VOLCAN	VEN	2:04.46	JACK GROSELLE	USA	32.52	JACK GROSELLE	USA	5:23.96	CELSO JUGEND	BRA
27.28	NIGEL GOLDSWORTHY	SUI	2:06.98	MARK DRENNEN	USA	32.76	NEVILLE BARTON	GBR	5:27.39	PETER KAUCH	GER
27.30	ROBERT GOLDBLOOM	USA	2:08.12	JIM MONTGOMERY	USA	32.90	SPENCER ELDRED	USA	5:28.83	SCOTT LAUTMAN	USA
27.33	CRAIG NORREY	SUI	2:08.83	LARRY KRAUSER	USA	33.08	MORIHIRO WADA	JPN	5:29.73	LARRY WOOD	USA
27.42	WILLIAM SPECHT	USA	2:09.63	SPENCER ELDRED	USA	33.14	TIMOTHY SHEAD	RSA	5:33.11	NEIL WASSERMAN	USA
27.60	THOMAS HARVILL	USA	2:09.79	MICHAEL MANN	USA	33.34	MARCO STENTELLA	ITA	5:33.89	BOB SEAGRAVEN	USA
27.61	JON BLANK	USA	2:10.03	LARRY WOOD	USA	33.70	GREG SMITH	USA	5:34.78	DON CHOLODENKO	USA
100 M. FLY			2:10.04	SIMON VEALE	GBR	34.22	G.HOFFMANN	USA	5:35.89	KERN DAVIS	USA
59.04	PAUL SMITH	USA	2:10.31	KLAUS KALINKE	GER	34.35	JAMES KEMP	USA	*****		
59.45	PAUL CARTER	USA	2:10.39	SANDY MAC DONALD	USA	100 M. BRST			M E N 55-59		
1:00.50	MARCUS MATTIOLI	BRA	400 M. FREE			1:13.30	JACK GROSELLE	USA	*****		
1:00.65	DENNIS BAKER	USA	4:27.07	MARK DRENNEN	USA	1:13.57	RONNY OLTNER	SWE	50 M. FREE		
1:01.57	WILLIAM SPECHT	USA	4:32.61	SANDY MAC DONALD	USA	1:13.62	SPENCER ELDRED	USA	25.74	PAUL TREVISAN	USA
1:01.61	BRIAN KELCA	USA	4:32.69	MICHAEL MANN	USA	1:14.82	TIMOTHY SHEAD	RSA	26.00	LEONARD BIELICZ	SWE
1:01.69	GREGG PRICE	RSA	4:36.50	LARRY KRAUSER	USA	1:15.71	G.HOFFMANN	USA	26.27	THOMAS WHATLEY	USA
1:02.34	JEFF STILING	USA	4:38.53	ROB COPELAND	USA	1:16.37	ROBERT WEYHENKE	NED	26.29	GREG SHAW	USA
1:02.52	THOMAS MCCABE	USA	4:38.86	SIMON VEALE	GBR	1:16.80	JURGEN BRUHN	GER	26.86	BEN VAN DYKE	NZL
1:02.54	SEAN BAILEY	USA	4:39.82	JEFFERY MILTON	USA	1:16.90	DAVID WHITE	USA	26.97	FUMIO SHIGENO	JPN
200 M. FLY			4:40.16	JOHN HUGHES	USA	1:16.96	STUART CORLISS	USA	27.04	TERRY DOWNES	RSA
2:06.94	DENNIS BAKER	USA	4:42.00	BRADFORD GANDEE	USA	1:17.29	NEVILLE BARTON	GBR	27.36	GRAHAM CROFT	AUS
2:08.34	MARCUS MATTIOLI	BRA	4:42.08	KLAUS KALINKE	GER	200 M. BRST			27.49	J.CHATARD	FRA
2:17.27	WILLIAM SPECHT	USA	800 M. FREE			2:42.74	SPENCER ELDRED	USA	27.61	ALEXANDER MILLS	NOR
2:23.72	FRANCIS CHRISTIAN	AUS	9:13.68	MARK DRENNEN	USA	2:42.88	RONNY OLTNER	SWE	100 M. FREE		
2:25.05	KAZUKI YUZAWA	JPN	9:17.97	MICHAEL MANN	USA	2:43.15	DAVID WHITE	USA	57.85	ALEXANDER MILLS	NOR
2:25.65	GUNNAR PERSSON	SWE	9:24.93	SANDY MAC DONALD	USA	2:45.15	STUART CORLISS	USA	58.07	PAUL TREVISAN	USA
2:25.73	JACEK KASPEREK	POL	9:35.38	SIMON VEALE	GBR	2:46.65	TIMOTHY SHEAD	RSA	58.61	GREG SHAW	USA
2:25.90	DETLEV MAAS	GER	9:40.38	LARRY WOOD	USA	2:46.85	G.HOFFMANN	USA	58.68	LEONARD BIELICZ	SWE
2:27.38	DANIEL SULLIVAN	USA	9:40.67	LARRY KRAUSER	USA	2:47.07	MARK DRENNEN	USA	59.22	TERRY DOWNES	RSA
2:27.94	TIMUR PODMAREV	RUS	9:41.77	ROB COPELAND	USA	2:48.41	GRAHAM PEARSON	GBR	59.93	GARY HALL	USA
200 M. I.M.			9:43.89	JEFFERY MILTON	USA	2:48.78	PETER KAUCH	GER	1:00.68	J.CHATARD	FRA
2:16.12	DENNIS BAKER	USA	9:45.09	FRED FERROGGIARO	USA	2:48.88	THOMAS PAEHR	GER	1:00.70	GRAHAM CROFT	AUS
2:19.67	SHAWN O'GORMAN	USA	9:50.32	TIM ERICKSON	USA	50 M. FLY			1:00.72	TYRONE TOZER	RSA
2:20.67	ROGER VON JOUANNE	USA	1500 M. FREE			26.53	TRIP HEDRICK	USA	1:00.97	BILL DEVENISH	AUS
2:22.11	CAMERON REID	USA	17:40.70	MARK DRENNEN	USA	27.50	RICK ABBOTT	USA	200 M. FREE		
2:22.38	SERGII FESENKO	UKR	19:05.23	GRANT SIMPSON	AUS	27.58	PHILIPPE MORELLE	BEL	2:10.01	JIM MC CONICA	USA
2:23.04	DJAN MADRUGA	BRA	19:20.93	KERN DAVIS	USA	27.75	DAVID HAGUE	USA	2:10.11	ALEXANDER MILLS	NOR
2:23.07	CHARLES GROEN	USA	19:26.22	JURGEN ARCK	GER	27.87	GARY SCHATZ	USA	2:12.46	J.CHATARD	FRA
2:23.56	MARK SMEDLEY	AUS	19:27.48	ANDREAS NAGEL	GER	27.91	JOHN FIELDS	USA	2:14.17	BILL DEVENISH	AUS
2:23.69	CYRO DELGADO	BRA	19:35.27	DAVID OWEN	USA	27.97	BRIAN PATNO	USA	2:16.05	GRAHAM CROFT	AUS
2:24.26	JON BLANK	USA	19:36.70	V.D'ALESSANDRO	ITA	28.29	DAVE WILKIN	CAN	2:16.51	RICK WALKER	USA
400 M. I.M.			19:53.78	AKINORI TASAKI	JPN	28.37	G.HOFFMANN	USA	2:17.32	DAVE TANNER	USA
4:50.73	DENNIS BAKER	USA	19:57.65	TIM ERICKSON	USA	28.49	CLAY REED	USA	2:17.35	JACK MARTIN	USA
5:00.60	CAMERON REID	USA	19:57.99	JEFFREY MILTON	USA	100 M. FLY			2:17.50	TERRY DOWNES	RSA
5:02.54	SHAWN O'GORMAN	USA	50 M. BACK			1:00.16	TRIP HEDRICK	USA	2:17.57	RON ARMSTRONG	CAN
5:03.38	ROGER VON JOUANNE	USA	30.16	ANDRE STEYNBERG	RSA	1:02.90	STEVEN WALL	GBR	400 M. FREE		
5:06.20	KEN SHILLING	USA	30.37	GUY HARKER	RSA	1:03.87	BRIAN PATNO	USA	4:28.78	JIM MC CONICA	USA
5:08.16	MICHAL BARES	CZE	30.82	RICK ABBOTT	USA	1:04.17	SANDY MAC DONALD	USA	4:37.94	J.CHATARD	FRA
5:10.78	GEORGE TIDMARSH	USA	30.99	ROBERT SUPPLE	USA	1:04.26	SIMON VEALE	GBR	4:46.13	TODD BRYAN	USA
5:11.29	LINCOLN DJANG	USA	31.01	JEFFREY LUKENS	USA	1:04.32	BART MC DERMOTT	USA	4:46.85	RON ARMSTRONG	CAN
5:11.62	SCOTT SHAKE	USA	31.43	CARL COLVARD	USA	1:04.40	PHILIPPE MORELLE	BEL	4:51.65	JACK MARTIN	USA
5:13.54	MARK SMEDLEY	AUS	31.43	CASEY CLAFLIN	USA	1:04.51	RICHARD HESS	USA	4:51.81	GRAHAM CROFT	AUS
*****			31.52	DONALD GRAHAM	USA	1:04.52	ANDRE STEYNBERG	RSA	4:52.44	JIM CLEMMONS	USA
M E N 50-54			31.68	WES EDWARDS	USA	1:04.62	CHARLES QUIBELL	RSA	4:53.24	BILL DEVENISH	AUS
*****			31.68	BRIAN PATNO	USA	200 M. FLY			4:54.82	RICK WALKER	USA
50 M. FREE			100 M. BACK			2:23.19	SCOTT LAUTMAN	USA	4:55.77	STEVE JOHNSON	USA
24.94	TRIP HEDRICK	USA	1:06.43	ROBERT SUPPLE	USA	2:27.97	PATRICK BERGER	FRA	800 M. FREE		
25.20	JACK GROSELLE	USA	1:07.03	JEFFREY LUKENS	USA	2:28.83	BART MC DERMOTT	USA	9:06.86	JIM MCCONICA	USA
25.39	JOHN FIELDS	USA	1:07.09	RICK ABBOTT	USA	2:31.92	TIM ERICKSON	USA	9:35.87	TODD BRYAN	USA
25.60	RICK ABBOTT	USA	1:08.57	ANDRE STEYNBERG	RSA	2:35.78	ROB COPELAND	USA	9:37.49	J.CHATARD	FRA
25.68	GARY SCHATZ	USA	1:08.65	FRED FERROGGIARO	USA	2:35.79	PHIL DODSON	USA	9:53.08	RICK WALKER	USA
26.02	JOHN STACPOOLE	AUS	1:09.00	WES EDWARDS	USA	2:36.26	V.SCIANNAMEA	ITA	9:58.62	JACK MARTIN	USA
26.03	ROSS CLARKE	AUS	1:09.49	GEOFF MYKLEBY	USA	2:36.54	PETER GUADAGNI	USA	10:11.44	JIM CLEMMONS	USA
26.04	BARRY ROTH	USA	1:10.61	GRAHAM POWELL	GBR	2:39.81	NEIL WASSERMAN	USA	10:12.14	MIKE SHERRILL	USA
26.13	LARRY KRAUSER	USA	1:10.66	BRIAN PATNO	USA	2:40.27	KLAUS KALINKE	GER	10:15.83	GRAHAM CROFT	AUS
26.26	ANDRE STEYNBERG	RSA	1:10.77	MARK PUGLIESE	USA	200 M. I.M.			10:20.43	CRAIG SMITH	USA
100 M. FREE			200 M. BACK			2:24.90	MICHAEL MANN	USA	10:22.77	FRANK THOMPSON	USA
55.38	TRIP HEDRICK	USA	2:27.85	GARY SCHATZ	USA	2:27.16	SPENCER ELDRED	USA	1500 M. FREE		
55.74	JACK GROSELLE	USA	2:28.69	JEFFREY LUKENS	USA	2:27.55	SIMON VEALE	GBR	17:56.38	JIM MCCONICA	USA
56.47	JOHN FIELDS	USA	2:29.57	SANDY MAC DONALD	USA	2:29.39	TIMOTHY SHEAD	RSA	18:35.85	J.CHATARD	FRA
			2:31.51	TIMOTHY SHEAD	RSA	2:29.42	G.HOFFMANN	USA			



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19:06.28	RICK WALKER	USA	28.62	ALEXANDER MILLS	NOR	2:13.32	JAMES DE LACY	USA	34.70	JOZEF KLUKOWSKI	POL
19:48.66	JIM CLEMMONS	USA	28.68	DON MEHL	USA	2:15.35	DUNCAN MCCREADIE	FRA	35.16	KENNETH FROST	USA
20:09.05	BILL DARBY	USA	28.73	BEN VAN DYKE	NZL	2:18.52	RICHARD ABRAHAMS	USA	35.28	DIETER HOEFEL	GER
20:15.82	D.UIJTENBOGAART	NED	29.11	C.STARZEC	FRA	2:18.60	JOHN CALVERT	USA	35.34	YOSHITADA MAEDA	JPN
20:32.63	FRANK THOMPSON	USA	29.24	PAUL TREVISAN	USA	2:18.68	CHRIS DUNN	GBR	36.22	HERBERT GRUBER	GER
20:41.82	BOB BRUCE	USA	29.34	TAKEO HIRAMOTO	JPN	2:18.84	TIM BIRNIE	USA	36.28	JIM DRAGON	USA
20:49.54	JOHN CRANE	USA	29.47	SHIGEO ASANO	JPN	2:21.27	MOSHE GERTEL	ISR	36.31	SEIKO OKAZAKI	JPN
20:56.38	GERRY TUCKER	AUS	100 M.	FLY		2:22.15	ROGER CUNDALL	USA	36.45	KIMBALL BERNARD	USA
50 M.	BACK		1:01.05	GREG SHAW	USA	2:22.53	WILLIAM WILSON	RSA	36.74	LOUIS KRONFELD	USA
30.37	GARY HALL	USA	1:03.24	LEONARD BIELICZ	SWE	2:23.19	JACK ZAKIM	USA	100 M.	BRST	
31.22	RICHARD BOBER	USA	1:07.42	FRED BAIRD	USA	400 M.	FREE		1:16.38	ROBERT STRAND	USA
31.42	HUGH WILDER	USA	1:07.57	BRAD PENCE	USA	4:53.19	DUNCAN MCCREADIE	FRA	1:17.89	KENNETH FROST	USA
31.98	CHARLES WOLFF	USA	1:07.99	C.STARZEC	FRA	4:54.79	CHRIS DUNN	GBR	1:20.82	DIETER HOEFEL	GER
32.04	JIM ADAMS	NED	1:08.44	DON MEHL	USA	4:59.08	JOHN CALVERT	USA	1:21.10	JOZEF KLUKOWSKI	POL
32.08	TAKEO HIRAMOTO	JPN	1:08.82	BEN VAN DYKE	NZL	5:00.66	MOSHE GERTEL	ISR	1:21.52	SEIKO OKAZAKI	JPN
33.01	ROBERTO CHIMISSO	ITA	1:08.98	DAVE TANNER	USA	5:08.80	JAMES MCCLEERY	USA	1:21.69	GERSHON SHEFA	ISR
33.27	CLAUDIO TOMASI	ITA	1:09.02	WOLFGANG HOPP	GER	5:10.10	DON DAVIS	USA	1:22.28	KIMBALL BERNARD	USA
33.52	YURY CHIRKOV	RUS	1:09.32	GABOR CSABA	HUN	5:11.83	MICHAEL MCCOLLY	USA	1:22.55	YOSHITADA MAEDA	JPN
33.57	DIETER SEIFERT	GER	200 M.	FLY		5:12.74	JAMES DE LACY	USA	1:22.66	ALBERTO SICA	ITA
100 M.	BACK		2:25.35	GREG SHAW	USA	5:13.40	WILLIAM WILSON	RSA	1:23.74	SHINJI OMIGAWA	JPN
1:06.16	GARY HALL	USA	2:28.62	JIM MC CONICA	USA	5:13.49	VICTOR PAUL	AUS	200 M.	BRST	
1:08.55	RICHARD BOBER	USA	2:34.25	TAKEO HIRAMOTO	JPN	800 M.	FREE		2:51.93	ROBERT STRAND	USA
1:09.01	HUGH WILDER	USA	2:37.23	DAVE TANNER	USA	10:09.12	JOHN CALVERT	USA	2:55.49	KENNETH FROST	USA
1:09.61	JIM ADAMS	NED	2:37.86	JOHN KEYTER	RSA	10:13.59	DUNCAN MCCREADIE	FRA	2:56.74	GERSHON SHEFA	ISR
1:10.38	JIM MCCONICA	USA	2:38.38	GABOR CSABA	HUN	10:16.84	JAMES MCCLEERY	USA	3:04.37	PAUL WYATT	AUS
1:10.51	CHARLES WOLFF	USA	2:48.26	FRANK MCINTYRE	USA	10:31.40	MOSHE GERTEL	ISR	3:04.55	JACQUES VELASSEUR	FRA
1:13.07	TAKEO HIRAMOTO	JPN	2:49.08	STEVEN VAN NORT	USA	10:38.64	VICTOR PAUL	AUS	3:04.77	ALBERTO SICA	ITA
1:13.50	ROBERT LAWTON	USA	2:49.17	IAN MILNE	GBR	10:45.28	JOACHIM HINTZE	GER	3:05.69	STEVEN PETERSON	USA
1:13.92	GEORGE SCHMIDT	USA	2:51.34	WOLFGANG HOPP	GER	10:48.60	DON DAVIS	USA	3:08.09	DAVID GILDEA	USA
1:14.17	YURY CHIRKOV	RUS	200 M.	I.M.		10:49.20	EDWARD CAZALET	USA	3:09.44	JIM PELISSIER	USA
200 M.	BACK		2:27.60	GREG SHAW	USA	10:56.75	MICHAEL MCCOLLY	USA	3:09.92	MATTHIAS KRONER	SWE
2:31.16	JIM ADAMS	NED	2:27.92	ALEXANDER MILLS	NOR	10:57.19	JIM MERCHANT	USA	50 M.	FLY	
2:34.85	RICHARD BOBER	USA	2:32.07	RONALD ARMSTRONG	CAN	1500 M.	FREE		27.96	RICHARD ABRAHAMS	USA
2:36.14	ALEX SHESTAKOV	USA	2:34.27	JIM MC CONICA	USA	20:59.67	RICHARD SMITH	USA	28.97	JIM DRAGON	USA
2:40.04	CHUCK FISCHER	USA	2:34.89	ALEX SHESTAKOV	USA	21:07.67	JAMES DE LACY	USA	29.35	JAMES DE LACY	USA
2:40.61	KURT MOEHLMANN	USA	2:38.51	JIM CLEMMONS	USA	21:20.48	ANDY WILSON	GBR	29.69	JOEL BURNS	USA
2:42.08	HUGH WILDER	USA	2:39.09	HUBIE KERNS	USA	21:29.80	MARIO PATERNI	ITA	29.73	JOSEP CLARET	ESP
2:42.78	GEORGE SCHMIDT	USA	2:39.62	C.STARZEC	FRA	21:34.61	KURT FREI	SUI	29.84	ALEXANDER KRYUKOV	RUS
2:43.53	EBBE RASMUSSEN	DNB	2:40.71	TYRONE TOZER	RSA	21:42.49	WILLIS BRASWELL	USA	30.25	J.LESTIDEAU	FRA
2:45.78	ROBERT LAWTON	USA	2:41.75	CHUCK FISCHER	USA	21:48.91	P.BECKER	GER	30.57	ROBERT OLSON	USA
2:46.07	BILL DOW	USA	400 M.	I.M.		21:53.20	GUIDO BAUDI	ITA	30.58	ROBERT POILETMAN	USA
50 M.	BRST		5:21.20	JIM MCCONICA	USA	22:09.00	HERBERT LANGE	GER	30.68	RICHARD ENNIS	USA
33.03	ALEXANDER MILLS	NOR	5:27.57	RONALD ARMSTRONG	CAN	22:15.23	D.DE CARDENAL	FRA	100 M.	FLY	
34.54	C.STARZEC	FRA	5:32.64	ALEX SHESTAKOV	USA	50 M.	BACK		1:04.39	RICHARD ABRAHAMS	USA
34.86	CHARLES WOLFF	USA	5:32.93	JIM CLEMMONS	USA	32.59	RICHARD BURNS	USA	1:09.00	JOSEP CLARET	ESP
35.01	TOSHIHARU FUJII	JPN	5:36.72	TAKEO HIRAMOTO	JPN	32.66	TIM BIRNIE	USA	1:09.11	JAMES DE LACY	USA
35.08	ALLEN STARK	USA	5:51.16	GABOR CSABA	HUN	32.76	J.LESTIDEAU	FRA	1:09.37	J.LESTIDEAU	FRA
35.35	BOB HATHERLY	RSA	5:55.00	GRANT INMAN	USA	33.50	JOZSEF CSIKANY	HUN	1:09.85	ROBERT POILETMAN	USA
35.40	DAN FURLAN	USA	5:56.59	STEVEN VAN NORT	USA	33.70	ROBERT SMITH	USA	1:10.82	JOEL BURNS	USA
35.51	IAN CARRICK	AUS	6:00.14	D.UIJTENBOGAART	NED	33.78	VINUS VAN BAALLEN	USA	1:11.11	RICHARD BURNS	USA
35.67	THOMAS WHATLEY	USA	6:00.76	MARK WORDEN	USA	33.89	JOHN CALVERT	USA	1:11.83	DEREK PARR	GBR
35.77	HUBIE KERNS	USA				34.15	RICHARD ALEXANDER	USA	1:13.20	JOHN CALVERT	USA
100 M.	BRST		*****			34.29	ALEXANDER KRYUKOV	RUS	1:14.54	KOJI IWAMOTO	JPN
1:17.08	ALLEN STARK	USA		M E N 60-64		34.48	DONALD GALINE	USA	200 M.	FLY	
1:17.56	BOB HATHERLY	RSA	*****			100 M.	BACK		2:46.06	DEREK PARR	GBR
1:18.89	C.STARZEC	FRA	50 M.	FREE		1:11.89	RICHARD BURNS	USA	2:46.12	ROBERT POILETMAN	USA
1:19.30	TOSHIHARU FUJII	JPN	25.23	RICHARD ABRAHAMS	USA	1:12.62	JOZSEF CSIKANY	HUN	2:51.72	J.LESTIDEAU	FRA
1:19.67	RICK WALKER	USA	26.94	JAMES ELDER	USA	1:12.90	TIM BIRNIE	USA	2:53.03	VICTOR PAUL	AUS
1:19.79	HUBIE KERNS	USA	27.02	JAMES DE LACY	USA	1:14.23	J.LESTIDEAU	FRA	2:53.59	JOACHIM HINTZE	GER
1:20.30	JIM CLEMMONS	USA	27.38	VINUS VAN BAALLEN	USA	1:14.75	ALEXANDER KRYUKOV	RUS	2:56.10	PAUL WYATT	AUS
1:20.77	JOHN DERR	USA	27.74	ALAN BROWN	AUS	1:15.36	WOLFRAM HAENSEL	GER	3:00.88	HERBERT LANGE	GER
1:21.17	MANFRED ZEHR	GER	27.76	A.BASHMAKOV	RUS	1:16.48	JAMES KING	USA	3:06.23	PAULO FIGUEIREDO	USA
1:21.44	DAN FURLAN	USA	27.81	ROBERT SMITH	USA	1:17.05	ROBERT SMITH	USA	3:09.66	PETER STOCKHAMMER	GER
200 M.	BRST		27.87	JIM DRAGON	USA	1:17.77	DONALD GALINE	USA	3:13.72	D CRAIG DENNIS	USA
2:50.48	JIM CLEMMONS	USA	27.99	WILLIAM WILSON	RSA	1:18.17	JIM MALLEY	USA	200 M.	I.M.	
2:51.25	TAKEO HIRAMOTO	JPN	28.31	RICHARD BURNS	USA	2:39.01	JOHN CALVERT	USA	2:36.07	JOHN CALVERT	USA
2:52.11	ALLEN STARK	USA	100 M.	FREE		2:41.27	RICHARD BURNS	USA	2:40.63	ROBERT STRAND	USA
2:52.66	BOB HATHERLY	RSA	59.50	RICHARD ABRAHAMS	USA	2:41.87	TIM BIRNIE	USA	2:41.47	GERSHON SHEFA	ISR
2:54.50	C.STARZEC	FRA	59.66	JAMES DE LACY	USA	2:43.29	JOZSEF CSIKANY	HUN	2:42.02	DUNCAN MCCREADIE	FRA
2:59.86	RICK WALKER	USA	1:02.08	ALAN BROWN	AUS	2:47.10	JAMES KING	USA	2:44.94	PAUL WYATT	AUS
3:00.04	JOHN DERR	USA	1:02.53	CHRIS DUNN	GBR	2:48.92	EDWARD CAZALET	USA	2:45.52	VICTOR PAUL	AUS
3:00.87	IAN CARRICK	AUS	1:03.15	JAMES ELDER	USA	2:48.93	GERSHON SHEFA	ISR	2:47.66	KENNETH FROST	USA
3:00.96	ROBERT LIOTTA	USA	1:03.40	TIM BIRNIE	USA	2:51.30	KURT FREI	SUI	2:47.98	CHRIS DUNN	GBR
3:01.74	HUBIE KERNS	USA	1:03.41	WILLIAM WILSON	RSA	2:52.08	MICHAEL MCCOLLY	USA	2:48.71	EDWARD CAZALET	USA
50 M.	FLY		1:03.49	MOSHE GERTEL	ISR	2:55.85	PAUL BOGGS	USA	2:50.94	JURGEN ALTENHOFEN	GER
27.62	GREG SHAW	USA	1:03.66	A.BASHMAKOV	RUS	50 M.	BRST		400 M.	I.M.	
28.29	GARY HALL	USA	1:03.94	D CRAIG DENNIS	USA	34.04	ROBERT STRAND	USA	5:41.07	JOHN CALVERT	USA
28.42	LEONARD BIELICZ	SWE	200 M.	FREE					5:47.21	GERSHON SHEFA	ISR



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5:57.69	VICTOR PAUL	AUS	50	M. BACK		1:12.93	TOMOYASU IIDA	JPN	2:46.03	KLAUS FELLNER	SUI
6:02.06	PAUL WYATT	AUS	34.17	LUIZ FIGUEIREDO	BRA	1:13.19	AKIRA TAKAKURA	JPN	2:46.19	ARTHUR LOWE	GBR
6:06.61	EDWARD CAZALET	USA	34.70	MIKLOS KOVATS	HUN	1:16.28	S.HASEGAWA	JPN	400	M. FREE	
6:06.94	KURT FREI	SUI	34.96	MASAO KIJIMA	JPN	1:16.72	RICHARD KITCHELL	USA	5:18.48	DAVID RADCLIFF	USA
6:10.23	MICHAEL MCCOLLY	USA	36.35	FRANS VAN ENST	NED	1:17.74	TAISUKE MIYAZAKI	JPN	5:24.85	JOHN CRISP	AUS
6:16.11	D CRAIG DENNIS	USA	36.61	GUNTER SCHOPKE	GER	1:17.84	JOAQUIN MENDOZA	ESP	5:25.70	WERNER SCHNABEL	GER
6:21.42	PAULO FIGUEIREDO	USA	36.84	PETER BERGENGREN	SWE	1:18.63	DICK STEWART	USA	5:40.18	ERNIE LESKOVITZ	USA
6:24.54	CONNER BAILEY	USA	36.98	JOAQUIN MENDOZA	ESP	1:19.49	WILLIAM LETCH	GBR	5:41.99	CAV CAVANAUGH	USA
			37.35	RICHARD BASSI	USA	1:19.60	GUNTER SCHOPKE	GER	5:46.34	JAMES ZURCHER	USA
			37.75	HELMUT RICHTER	GER	1:19.81	LUIS SIMI	BRA	5:56.61	N.MIYAMOTO	JPN
			37.76	GEORGES KOESSLER	FRA	200	M. FLY		5:57.83	GERHARD HOLE	GER
*****			100	M. BACK		2:58.38	RICHARD KITCHELL	USA	5:59.00	WILL RAUCH	USA
			1:15.69	LUIZ FIGUEIREDO	BRA	3:00.76	GUNTER SCHOPKE	GER	6:03.57	PETER BARTSCHI	SUI
			1:17.23	BARRY YOUNG	NZL	3:02.17	TAISUKE MIYAZAKI	JPN	800	M. FREE	
			1:17.95	MIKLOS KOVATS	HUN	3:11.12	WILLIAM LETCH	GBR	10:49.02	DAVID RADCLIFF	USA
			1:18.41	TEGZE HARASZTI	USA	3:16.40	DAVID CUMMING	GBR	11:25.71	ERNIE LESKOVITZ	USA
			1:20.82	MASAO KIJIMA	JPN	3:17.80	ALFRED JACOB	BRA	11:33.11	WERNER SCHNABEL	GER
			1:21.05	ENRIQUE RABELL	MEX	3:20.36	BILL PAGE	USA	11:50.15	JOHN CRISP	AUS
			1:21.46	GUNTER SCHOPKE	GER	3:21.70	P.WERMELSKIRCHEN	GER	12:14.28	JAMES ZURCHER	USA
			1:22.68	FRANS VAN ENST	NED	3:23.54	DAVE MCLACHLAN	RSA	12:16.19	GERHARD HOLE	GER
			1:24.06	GARY NICHOLLS	AUS	3:25.27	TADAO SATO	JPN	12:32.71	JOSEF KREJCI	SUI
			1:25.52	PETER PISKOTY	HUN	200	M. I.M.		12:33.57	WILLIAM LAUER	USA
			200	M. BACK		2:48.39	BARRY YOUNG	NZL	12:36.26	N.MIYAMOTO	JPN
			2:52.34	LUIZ FIGUEIREDO	BRA	2:52.65	TEGZE HARASZTI	USA	12:37.61	WILL RAUCH	USA
			2:54.10	TEGZE HARASZTI	USA	2:52.66	MIKE FRESHLEY	USA	1500	M. FREE	
			2:56.50	MIKLOS KOVATS	HUN	2:53.19	MURRAY MC LACHLAN	USA	21:49.74	WERNER SCHNABEL	GER
			2:58.19	ENRIQUE RABELL	MEX	2:54.70	MASAO KIJIMA	JPN	22:02.45	DAVID RADCLIFF	USA
			2:59.14	MASAO KIJIMA	JPN	2:59.10	ALFRED JACOB	BRA	22:44.64	ERNIE LESKOVITZ	USA
			3:02.88	GUNTER SCHOPKE	GER	3:00.28	KIHEI YOSHIMURA	JPN	24:07.36	N.MIYAMOTO	JPN
			3:03.03	GAYLORD HOPKINS	USA	3:02.59	LAJOS VAGUJHELYI	HUN	24:07.50	GERHARD HOLE	GER
			3:04.87	FRANS VAN ENST	NED	3:02.75	GUNTER SCHOPKE	GER	24:40.52	H.NUSSBAUMER	GER
			3:08.44	ADU HEWELCKE	GER	3:03.74	KARL ODKOLEK	GER	24:53.51	WILL RAUCH	USA
			3:08.82	TAISUKE MIYAZAKI	JPN	400	M. I.M.		24:57.30	GEROLAMO FORLANI	ITA
			50	M. BRST		6:11.78	MIKE FRESHLEY	USA	25:16.02	T.KUNITOMI	JPN
			36.61	YOSHIHIKO OSAKI	JPN	6:19.25	MASAO KIJIMA	JPN	25:27.40	OSAMU IWANAMI	JPN
			37.81	ULRICH LASSAK	GER	6:20.74	TEGZE HARASZTI	USA	50	M. BACK	
			37.96	TONY GOODWIN	AUS	6:26.16	MURRAY MC LACHLAN	USA	36.25	S.SEKIKAWA	JPN
			38.16	RINALDO FERREIRA	BRA	6:31.49	ALFRED JACOB	BRA	36.65	YOSHI OYAKAWA	USA
			38.37	KARL WIEDAMANN	USA	6:37.92	TADASHI IWAMOTO	JPN	38.08	CLARKE MITCHELL	USA
			38.59	FRANTISEK POKORNY	CZE	6:37.96	KARL ODKOLEK	GER	38.77	JENO ATS	CAN
			38.80	BELA FABIAN	HUN	6:44.98	LAJOS VAGUJHELYI	HUN	38.77	THOMAS ROBSON	GBR
			38.80	MASARU SHINKAI	JPN	6:53.30	P.WERMELSKIRCHEN	GER	38.87	VINCENT MILLER	ESP
			38.81	JURGEN ZIMMERMANN	GER	6:54.27	KEITH INGRAM	GBR	39.22	MARTY MENNEN	USA
			38.85	JURGEN SCHUBERT	GER				39.48	ONDAMAR SILVA	BRA
			100	M. BRST		*****			39.56	E.NODENSCHNEIDER	FRA
			1:26.74	TONY GOODWIN	AUS				39.74	JOHN CRISP	AUS
			1:27.20	MASARU SHINKAI	JPN				100	M. BACK	
			1:27.23	BARRY YOUNG	NZL	*****			*****		
			1:27.50	MIKE FRESHLEY	USA	50	M. FREE		1:21.39	S.SEKIKAWA	JPN
			1:27.60	KARL WIEDAMANN	USA	28.82	CAV CAVANAUGH	USA	1:22.28	YOSHI OYAKAWA	USA
			1:27.95	BELA FABIAN	HUN	30.34	BOB BAILLE	USA	1:24.55	CLARKE MITCHELL	USA
			1:27.99	JURGEN ZIMMERMANN	GER	30.69	DAVID RADCLIFF	USA	1:24.82	MARTY MENNEN	USA
			1:28.08	ULRICH LASSAK	GER	30.97	ONDAMAR SILVA	BRA	1:27.40	MAMPEI SEINO	JPN
			1:28.39	MICHAEL MOLONEY	AUS	30.99	HIROSHI MATSUMOTO	JPN	1:27.41	DONALD BROWN	USA
			1:29.30	LAJOS VAGUJHELYI	HUN	31.46	WILLIAM ROBERTSON	USA	1:28.28	GERHARD HOLE	GER
			200	M. BRST		31.56	YOSHI OYAKAWA	USA	1:28.64	ONDAMAR SILVA	BRA
			3:07.92	MIKE FRESHLEY	USA	31.57	JOHN CRISP	AUS	1:29.36	E.NODENSCHNEIDER	FRA
			3:09.95	TONY GOODWIN	AUS	32.05	JAMES ZURCHER	USA	1:30.54	ALAN RAPPERPORT	USA
			3:12.38	MASARU SHINKAI	JPN	32.10	JENO ATS	CAN	200	M. BACK	
			3:13.68	KARL WIEDAMANN	USA	100	M. FREE		2:58.88	MARTY MENNEN	USA
			3:14.19	KARL ODKOLEK	GER	1:05.92	CAV CAVANAUGH	USA	3:05.93	YOSHI OYAKAWA	USA
			3:15.30	CHRISTIAN THIESS	AUS	1:06.63	DAVID RADCLIFF	USA	3:10.62	DONALD BROWN	USA
			3:15.84	MICHAEL MOLONEY	AUS	1:09.34	JOHN CRISP	AUS	3:10.95	GERHARD HOLE	GER
			3:16.43	TEGZE HARASZTI	USA	1:09.34	WERNER SCHNABEL	GER	3:10.98	THOMAS WALKER	GBR
			3:18.71	JOACHIM SCHULZE	GER	1:09.71	BOB BAILLE	USA	3:15.06	MAMPEI SEINO	JPN
			3:20.02	MICHAEL WAKE	GBR	1:10.88	HIROSHI MATSUMOTO	JPN	3:15.41	JOHN CRISP	AUS
			50	M. FLY		1:10.96	WILLIAM ROBERTSON	USA	3:16.88	E.NODENSCHNEIDER	FRA
			30.33	TOMOYASU IIDA	JPN	1:11.30	JAMES ZURCHER	USA	3:21.04	ALAN RAPPERPORT	USA
			31.08	GEORGES KOESSLER	FRA	1:11.30	ONDAMAR SILVA	BRA	3:22.32	CLARKE MITCHELL	USA
			31.12	AKIRA TAKAKURA	JPN	1:11.51	YOSHI OYAKAWA	USA	50	M. BRST	
			31.63	IAN SMITH	CAN	200	M. FREE		38.68	HANS REICHEL	GER
			31.82	ISAO NAKAJIMA	JPN	2:27.27	DAVID RADCLIFF	USA	39.33	HIROFUMI HOSOTANI	JPN
			31.88	MIKE FRESHLEY	USA	2:30.81	CAV CAVANAUGH	USA	39.45	MANUEL SANGUILY	USA
			31.93	BERT PETERSEN	USA	2:32.67	JOHN CRISP	AUS	39.45	TETSUO NAKAMARU	JPN
			31.94	FRANTISEK POKORNY	CZE	2:32.94	WERNER SCHNABEL	GER	39.47	THOMAS WALKER	GBR
			32.06	CHITOSHI KONISHI	JPN	2:39.98	ERNIE LESKOVITZ	USA	39.92	ROLF TUTEPASTELL	GER
			32.22	NEIL MACKINNON	GBR	2:40.84	JAMES ZURCHER	USA	40.30	BOB JOHNSTON	USA
			100	M. FLY		2:41.29	WILLIAM ROBERTSON	USA	40.49	BELA SANDOR	USA
						2:42.69	N.MIYAMOTO	JPN	40.50	PETER BELL	CAN



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40.80	TSUTOMU KAJIHARA	JPN		43.36	STAN MCCONNELL	USA	1:50.91	JOHN MASTERS	USA		
100 M.	BRST		*****	43.41	NORIO HAYASHI	JPN	1:52.22	HENRI THEOLAT	FRA		
1:27.55	TETSUO NAKAMARU	JPN	M E N 75-79	43.62	GORDON RALPH	USA	200 M.	FLY			
1:27.70	CLAUDIO NEGRI	ITA	*****	100 M.	BACK		3:53.34	MANFRED BICKEL	GER		
1:28.63	HANS REICHEL	GER	50 M.	FREE		1:32.48	CLIFF WARD	GBR	3:56.81	GRAHAM JOHNSTON	USA
1:28.80	THOMAS WALKER	GBR	31.05	SHINGO YAMAMOTO	JPN	1:33.04	BOB BARRY	AUS	3:57.38	BRUNELLO GRAJA	ITA
1:31.60	BELA SANDOR	USA	31.14	ALDO EMINENTE	FRA	1:33.65	ROGER BURRELL	GBR	3:59.67	TOSHIMASA MINAMI	JPN
1:32.12	PETER BELL	CAN	32.12	MAX VAN GELDER	AUS	1:33.93	MIGUEL CORNEJO	MEX	4:07.61	LEN GOLDSTONE	USA
1:33.06	HIROFUMI HOSOTANI	JPN	33.01	TETSUO ASHIZAWA	JPN	1:34.32	BOB MILLER	USA	4:12.69	TOSHIKAZU TATEDA	JPN
1:33.09	SHUNSAKU TAKAHIRA	JPN	33.14	JOHN KORTHEUER	USA	1:35.66	EGON JANSEN	GER	4:23.93	HENRI THEOLAT	FRA
1:33.46	TSUTOMU KAJIHARA	JPN	33.66	ASHLEY JONES	USA	1:36.81	NORIO HAYASHI	JPN	4:26.01	MIKE TORSNEY	CAN
1:34.37	H.MUELLER	GER	34.02	TADASU MATSUOKA	JPN	1:37.51	STAN MCCONNELL	USA	4:26.93	PAUL GOENER	AUS
200 M.	BRST		34.08	DONALD BAKER	USA	1:39.41	HARUO HAYAKAWA	JPN	4:37.13	GORDON GILLIN	USA
3:11.67	CLAUDIO NEGRI	ITA	34.24	EGON JANSEN	GER	1:40.04	ANDRAS GERMAN	HUN	200 M.	I.M.	
3:14.47	HANS REICHEL	GER	34.27	FUMIO EGAMI	JPN	200 M.	BACK		3:13.53	GRAHAM JOHNSTON	USA
3:14.76	THOMAS WALKER	GBR	100 M.	FREE		3:17.54	BOB MILLER	USA	3:25.60	BOB BARRY	AUS
3:23.78	PETER BELL	CAN	1:10.38	GRAHAM JOHNSTON	USA	3:21.34	ROGER BURRELL	GBR	3:26.15	ASHLEY JONES	USA
3:23.97	TETSUO NAKAMARU	JPN	1:11.40	SHINGO YAMAMOTO	JPN	3:23.38	BOB BARRY	AUS	3:31.56	EGON JANSEN	GER
3:25.11	BELA SANDOR	USA	1:14.82	ALDO EMINENTE	FRA	3:24.05	EGON JANSEN	GER	3:32.19	ROGER BURRELL	GBR
3:26.93	HARTMUT LEMCKE	GER	1:16.02	MAX VAN GELDER	AUS	3:35.19	CLIFF WARD	GBR	3:32.99	FRANK TANNER	USA
3:27.58	H.MUELLER	GER	1:17.04	FUMIO EGAMI	JPN	3:35.47	NORIO HAYASHI	JPN	3:36.29	CURT ZEISS	GER
3:28.04	TSUTOMU KAJIHARA	JPN	1:17.51	ROGER BURRELL	GBR	3:35.91	MIGUEL CORNEJO	MEX	3:39.87	JOHN LENARD	USA
3:28.84	BOB PATTEN	USA	1:17.53	ARAM BOGHOSSIAN	BRA	3:36.36	STAN MCCONNELL	USA	3:44.22	ROBERT MACDONALD	USA
50 M.	FLY		1:17.85	BOB BARRY	AUS	3:44.56	ANDRAS GERMAN	HUN	3:44.96	YUJI SUZUKI	JPN
31.84	HIROSHI MATSUMOTO	JPN	1:18.06	TETSUO ASHIZAWA	JPN	3:49.05	PAUL KIELL	USA	400 M.	I.M.	
33.14	BOB BAILIE	USA	1:18.62	ROD BAKER	AUS	50 M.	BRST		7:17.61	GRAHAM JOHNSTON	USA
34.59	JENO ATS	CAN	200 M.	FREE		40.82	JOHN KORTHEUER	USA	7:28.11	ASHLEY JONES	USA
35.19	ROLF TUTEPASTELL	GER	2:36.30	GRAHAM JOHNSTON	USA	43.53	MYRON LOCKEY	USA	7:59.11	JOHN LENARD	USA
35.21	CAV CAVANAUGH	USA	2:50.25	DAVE ANDERSON	USA	43.60	TAKAO TSUCHIYA	JPN	8:02.68	LEN GOLDSTONE	USA
35.21	GENICHI IGARASHI	JPN	2:50.61	FUMIO EGAMI	JPN	44.13	YASUO UTE	JPN	8:02.90	BRUNELLO GRAJA	ITA
35.69	MASARU IGARASHI	JPN	2:52.50	BOB BARRY	AUS	44.39	GERHARD GIERA	GER	8:07.12	JOHN MASTERS	USA
35.76	TSUTOMU KAJIHARA	JPN	2:57.37	KATSURA SUZUKI	JPN	44.65	JONATHAN DAVIES	AUS	8:20.14	SIDNEY SALEK	NZL
35.77	JOHN CRISP	AUS	2:58.20	ARAM BOGHOSSIAN	BRA	44.67	ZENJI NAKAHARI	JPN	8:28.43	DONALD BAKER	USA
35.93	CLARKE MITCHELL	USA	2:59.52	BOB MILLER	USA	44.82	ROBERT MACDONALD	USA	8:41.49	GORDON GILLIN	USA
100 M.	FLY		3:00.98	DONALD BAKER	USA	45.03	CHARLES URSTADT	USA	8:49.67	MANFRED BICKEL	GER
1:23.69	ERNIE LESKOVITZ	USA	3:01.64	EGON JANSEN	GER	45.34	MASAKI HIJIKATA	JPN	*****		
1:26.65	TAKASHI HAYASHI	JPN	3:03.13	ROGER BURRELL	GBR	100 M.	BRST		M E N 80-84		
1:28.49	CLAUDIO NEGRI	ITA	400 M.	FREE		1:34.93	JOHN KORTHEUER	USA	*****		
1:28.52	GENICHI IGARASHI	JPN	5:32.06	GRAHAM JOHNSTON	USA	1:38.21	ASHLEY JONES	USA	*****		
1:31.09	BOB BAILIE	USA	5:58.19	HIROSHI YOSHIMURA	JPN	1:40.20	ZENJI NAKAHARI	JPN	50 M.	FREE	
1:31.71	MASARU IGARASHI	JPN	6:09.64	BOB BARRY	AUS	1:40.73	ROBERT MACDONALD	USA	33.76	KEIJIRO NAKAMURA	JPN
1:32.34	MASAMI SHIGETA	JPN	6:17.76	BOB MILLER	USA	1:41.54	TAKAO TSUCHIYA	JPN	34.31	FRANK PIEMME	USA
1:32.60	WALLY DOBLER	USA	6:22.96	THOMAS TAYLOR	USA	1:41.80	YASUO UTE	JPN	34.39	DALE WEBSTER	USA
1:32.90	WILLIAM LAUER	USA	6:33.57	EGON JANSEN	GER	1:41.83	GERHARD GIERA	GER	35.25	TOSHIMI INATOMI	JPN
1:33.00	JOHN CRISP	AUS	6:33.96	ROBERT BEACH	USA	1:41.98	TADASU MATSUOKA	JPN	35.34	SADAYUKI WAKAI	JPN
200 M.	FLY		6:35.41	KATSURA SUZUKI	JPN	1:43.59	JOHN LENARD	USA	36.50	HORST FRITSCHKE	GER
3:23.07	CLAUDIO NEGRI	ITA	6:41.23	DONALD BAKER	USA	1:44.37	PERCIVAL KNOWLES	BAH	36.94	MOTOSHIGE OSHIMA	JPN
3:32.92	WILLIAM LAUER	USA	6:41.99	ROGER BURRELL	GBR	200 M.	BRST		37.50	R.HALIMI	FRA
3:33.54	MASAMI SHIGETA	JPN	800 M.	FREE		3:37.64	ASHLEY JONES	USA	37.66	WILLARD LAMB	USA
3:34.02	H.MULLER	GER	11:25.95	GRAHAM JOHNSTON	USA	3:38.40	ROBERT MACDONALD	USA	37.68	RICHARD HARTLEY	AUS
3:36.29	MARIAN RACZYNSKI	POL	12:33.78	HIROSHI YOSHIMURA	JPN	3:46.67	ERICH NEUMANN	GER	100 M.	FREE	
3:38.20	ERIVALDO LIMA	BRA	12:56.97	BOB MILLER	USA	3:49.29	TADASU MATSUOKA	JPN	1:17.96	SHOICHI SHIDA	JPN
3:41.42	GEROLAMO FORLANI	ITA	13:00.53	DAVE ANDERSON	USA	3:50.65	BRUNELLO GRAJA	ITA	1:19.97	DALE WEBSTER	USA
3:42.82	A EMORY HAWORTH	USA	13:03.06	THOMAS TAYLOR	USA	3:53.78	MYRON LOCKEY	USA	1:20.09	FRANK PIEMME	USA
3:43.37	ALFONSO GALINDO	MEX	13:06.18	ROBERT BEACH	USA	3:54.29	CURT ZEISS	GER	1:26.27	TOSHIMI INATOMI	JPN
3:51.97	JACK FLEMING	USA	13:34.46	MYRON LOCKEY	USA	3:58.26	THOMAS TAYLOR	USA	1:27.12	JAN ZIEGLER	CZE
200 M.	I.M.		13:46.31	HARVEY PROSSER	USA	4:00.96	JOHN MONNE	CAN	1:27.22	JIRO KOBAYASHI	JPN
3:09.44	GERHARD HOLE	GER	14:15.97	KEN KIMBALL	USA	4:01.40	MINORU WATABE	JPN	1:27.37	KARL HAUTER	GER
3:09.74	CLAUDIO NEGRI	ITA	14:19.56	PAUL KIELL	USA	50 M.	FLY		1:27.51	JURGEN SCHMIDT	USA
3:10.60	JOHN CRISP	AUS	1500 M.	FREE		36.06	ASHLEY JONES	USA	1:28.99	RICHARD HARTLEY	AUS
3:12.41	JAMES ZURCHER	USA	23:02.25	GRAHAM JOHNSTON	CAN	39.49	CURT ZEISS	GER	1:29.39	SADAYUKI WAKAI	JPN
3:13.76	ERNIE LESKOVITZ	USA	27:54.97	MARIYAN STIPETIC	CAN	40.06	TOSHIKAZU TATEDA	JPN	200 M.	FREE	
3:15.51	HANS REICHEL	GER	28:10.90	DOMENICO CASOLINO	ITA	40.33	MAX VAN GELDER	AUS	3:07.53	KARL HAUTER	GER
3:17.51	ANRI VESHCHAGIN	RUS	28:49.68	DONALD BAKER	USA	40.92	DICK WEBBER	USA	3:11.13	FRANK PIEMME	USA
3:18.06	GENICHI IGARASHI	JPN	29:09.84	GERHARD GROSSER	GER	41.66	EGON JANSEN	GER	3:16.34	JAN ZIEGLER	CZE
3:20.02	MARIAN RACZYNSKI	POL	29:11.23	ANDRE BUSSCHAERT	BEL	41.82	SILVANO DANIELI	ITA	3:17.87	JIRO KOBAYASHI	JPN
3:21.05	TSUTOMU KAJIHARA	JPN	29:13.68	RYOJI YOKOO	JPN	42.78	SUEO YAMAGUCHI	JPN	3:18.16	JURGEN SCHMIDT	USA
400 M.	I.M.		30:04.97	CURT ZEISS	GER	43.71	JOHN LENARD	USA	3:18.23	RICHARD HARTLEY	AUS
6:48.14	JOHN CRISP	AUS	30:43.17	KIMIYUKI KATSUNO	JPN	43.81	DONALD MESSER	USA	3:19.27	HORST FRITSCHKE	GER
6:53.78	ANRI VESHCHAGIN	RUS	30:49.56	JORDAN WOLLE	USA	100 M.	FLY		3:24.39	THOMAS MAINE	USA
6:55.41	CLAUDIO NEGRI	ITA	50 M.	BACK		1:41.04	ASHLEY JONES	USA	3:26.68	TOSHIMI INATOMI	JPN
7:02.18	ERNIE LESKOVITZ	USA	40.70	CLIFF WARD	GBR	1:41.71	TOSHIMASA MINAMI	JPN	3:28.54	HIROSHI IMAIZUMI	JPN
7:02.63	THOMAS WALKER	GBR	40.72	MINORU UEMURA	JPN	1:44.31	CURT ZEISS	GER	400 M.	FREE	
7:06.43	MARIAN RACZYNSKI	POL	41.67	BOB BARRY	AUS	1:46.36	JOHN LENARD	USA	6:43.99	JAN ZIEGLER	CZE
7:07.69	WILLIAM LAUER	USA	41.93	MIGUEL CORNEJO	MEX	1:46.48	MANFRED BICKEL	GER	6:46.59	KARL HAUTER	GER
7:12.41	E.NODENSCHNEIDER	FRA	42.09	EGON JANSEN	GER	1:49.94	BRUNELLO GRAJA	ITA	6:53.30	FRANK PIEMME	USA
7:12.99	ALFONSO GALINDO	MEX	42.50	FRANK MANHEIM	USA	1:50.22	SILVANO DANIELI	ITA	7:03.27	JURGEN SCHMIDT	USA
7:13.65	JOSEF KREJCI	SUI	42.99	HARUO HAYAKAWA	JPN	1:50.44	LEN GOLDSTONE	USA	7:07.86	HIROSHI IMAIZUMI	JPN



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2006

7:10.28	HORST FRITSCH	GER	2:00.60	SADAYUKI WAKAI	JPN	44.03	PAL PUSKAS	HUN	4:08.30	BELA BANKI	HUN
7:29.98	THOMAS MAINE	USA	2:00.63	MAX BERGIER	FRA	44.12	HIDEYA FUJII	JPN	4:18.79	H.MIYAZAKI	JPN
7:31.38	MASATO HOSHI	JPN	2:05.06	DENZO WAKAYAMA	JPN	44.21	FRED VAN DYKE	USA	4:23.26	NILS FERM	SWE
7:34.25	TOSHIMI INATOMI	JPN	2:05.64	ISAO FUNAMOTO	JPN	44.24	ALFREDO UTRILLA	USA	4:24.35	KARL BAYERLEIN	GER
7:34.27	LEE ARTH	USA	200 M.	BRST		45.15	BRUD CLEAVELAND	USA	4:26.79	H.REITEMEYER	GER
800 M.	FREE		3:53.05	KARL HAUTER	GER	46.10	H.MIYAZAKI	JPN	4:32.48	ALFRED SCHULHOF	CAN
14:06.39	KARL HAUTER	GER	3:55.44	JAN ZIEGLER	CZE	100 M.	FREE		4:39.44	JOHN MERRILL	USA
14:11.69	JAN ZIEGLER	CZE	3:59.36	THOMAS MAINE	USA	1:38.33	SHIGEMASA OKAJIMA	JPN	5:00.72	TOM HAVER	USA
14:37.88	JURGEN SCHMIDT	USA	4:14.67	WATARU ASAOKA	JPN	1:43.64	ALFREDO UTRILLA	USA	5:08.73	ARTHUR THOMAS	AUS
14:47.33	FRANK PIEMME	USA	4:26.52	BARTON GREENBERG	USA	1:43.70	PAL PUSKAS	HUN	5:15.91	WALTER LYNCH	USA
14:55.78	HORST FRITSCH	GER	4:28.24	HIROSHI IMAIZUMI	JPN	1:47.35	GEORGE CORONES	AUS	50 M.	BRST	
15:28.54	THOMAS MAINE	USA	4:36.09	ISAO FUNAMOTO	JPN	1:48.23	BRUD CLEAVELAND	USA	51.42	H.REITEMEYER	GER
15:44.57	LEE ARTH	USA	4:38.07	DENZO WAKAYAMA	JPN	1:53.06	HAROLD DODD	GBR	53.22	LUDWIG GEBURZI	GER
16:31.58	JAMES EDWARDS	USA	4:39.42	LEE ARTH	USA	1:55.09	JACK MC CANN	USA	53.38	ALFRED SCHULHOF	CAN
16:51.87	KEVIN VICKERY	AUS	4:39.92	ALDO MANFROI	BRA	1:55.12	ARTHUR THOMAS	AUS	54.72	MAX VON ISSER	USA
16:57.59	CALVIN BARNES	USA	50 M.	FLY		1:56.82	EDWARD GEARY	AUS	57.35	BELA BANKI	HUN
1500 M.	FREE		41.84	FRANK PIEMME	USA	1:58.17	JULIUS FEICHT	GER	57.45	FRED VAN DYKE	USA
27:14.65	KARL HAUTER	GER	42.91	TOSHIO TAJIMA	JPN	200 M.	FREE		58.99	RAYMOND HAKOMAKI	USA
27:22.43	JAN ZIEGLER	CZE	43.80	JAN ZIEGLER	CZE	3:39.43	SHIGEMASA OKAJIMA	JPN	1:00.52	YUTAKA MORITA	JPN
27:46.13	JURGEN SCHMIDT	USA	45.78	HORST FRITSCH	GER	3:58.63	PAL PUSKAS	HUN	1:00.64	BRUD CLEAVELAND	USA
28:09.66	HORST FRITSCH	GER	46.90	MINORU NAGASHIMA	JPN	4:02.61	JULIUS FEICHT	GER	1:00.65	SHIGEMASA OKAJIMA	JPN
29:36.43	THOMAS MAINE	USA	49.21	FRANK GRANNIS	USA	4:09.47	ALFREDO UTRILLA	USA	100 M.	BRST	
30:03.96	HIROSHI IMAIZUMI	JPN	49.44	THOMAS MAINE	USA	4:15.24	KARL BAYERLEIN	GER	1:56.64	H.REITEMEYER	GER
32:48.79	GILBERT YOUNG	USA	50.22	KARL HAUTER	GER	4:17.47	DICK GUIDO	USA	2:03.62	LUDWIG GEBURZI	GER
34:11.99	FRED GOLDNER	USA	52.77	JAROSLAV HOLY	SVK	4:17.63	HAROLD DODD	GBR	2:06.68	ALFRED SCHULHOF	CAN
35:10.06	RICHARD SCHOMBURG	USA	54.04	PAUL HUTINGER	USA	4:18.69	ARTHUR THOMAS	AUS	2:12.84	RAYMOND HAKOMAKI	USA
44:41.12	ROYDON MUIR	AUS	100 M.	FLY		4:22.38	JACK MC CANN	USA	2:17.25	BELA BANKI	HUN
50 M.	BACK		1:45.50	THOMAS MAINE	USA	4:23.73	EDWARD GEARY	AUS	2:21.30	YUTAKA MORITA	JPN
39.45	KEIJIRO NAKAMURA	JPN	1:45.53	JAN ZIEGLER	CZE	400 M.	FREE		2:25.11	BRUD CLEAVELAND	USA
42.71	MASAKI INABA	JPN	1:50.69	KARL HAUTER	GER	8:12.57	SHIGEMASA OKAJIMA	JPN	2:32.23	JOHN DE JONG	AUS
43.10	DALE WEBSTER	USA	1:52.49	FRANK PIEMME	USA	8:33.24	JULIUS FEICHT	GER	2:33.96	GEORGE CORONES	AUS
44.86	PAUL HUTINGER	USA	1:57.47	MINORU NAGASHIMA	JPN	8:33.41	PAL PUSKAS	HUN	2:35.88	ROBERT SPAULDING	USA
45.82	G.SHIMOMOTO	JPN	2:00.72	FRANK GRANNIS	USA	8:37.43	KARL BAYERLEIN	GER	200 M.	BRST	
46.84	JAN ZIEGLER	CZE	2:09.08	LEE ARTH	USA	8:56.52	HAROLD DODD	GBR	4:26.74	H.REITEMEYER	GER
47.57	FRANK PIEMME	USA	2:15.10	PAUL HUTINGER	USA	9:26.14	DICK GUIDO	USA	5:03.21	ALFRED SCHULHOF	CAN
47.98	ANTON BIEDERMANN	BRA	2:21.61	JAROSLAV HOLY	SVK	9:32.69	ARTHUR THOMAS	AUS	5:23.33	BUD JACKSON	USA
48.02	HORST FRITSCH	GER	2:32.41	GEORGE STEWART	AUS	9:44.96	NILS FERM	SWE	5:31.65	GEORGE CORONES	AUS
48.04	HIROSHI IMAIZUMI	JPN	200 M.	FLY		9:47.13	LUCIANO CANESSA	ITA	6:05.50	WALTER LYNCH	USA
100 M.	BACK		3:54.51	THOMAS MAINE	USA	9:55.47	JOHN MERRILL	USA	6:17.76	ISAO HIRASAWA	JPN
1:28.76	KEIJIRO NAKAMURA	JPN	4:11.48	KARL HAUTER	GER	800 M.	FREE		8:09.89	JACK MATHIESON	AUS
1:38.13	DALE WEBSTER	USA	4:31.05	LEE ARTH	USA	18:08.45	KARL BAYERLEIN	GER	9:21.84	WILLIAM JOHNSTON	USA
1:40.33	JAN ZIEGLER	CZE	4:48.24	FRANK GRANNIS	USA	18:24.20	PAL PUSKAS	HUN	11:15.51	F.GIANNETTA	ITA
1:40.83	G.SHIMOMOTO	JPN	5:10.47	JAROSLAV HOLY	SVK	18:30.58	BELA BANKI	HUN	50 M.	FLY	
1:46.56	PAUL HUTINGER	USA	5:32.18	PAUL HUTINGER	USA	18:48.88	HAROLD DODD	GBR	50.64	MAX VON ISSER	USA
1:46.74	MASAKI INABA	JPN	5:56.11	SABURO MASUDA	JPN	19:20.22	NILS FERM	SWE	53.49	ANDREW HOLDEN	USA
1:48.31	F.YANAGISAWA	JPN	6:14.90	BOB DOUD	USA	20:36.77	EDWARD GEARY	AUS	56.19	LUDWIG GEBURZI	GER
1:49.60	ANTON BIEDERMANN	BRA	7:20.09	GEORGE STEWART	AUS	22:15.02	CHARLES BUSHEY	USA	1:03.88	HIRONARI UEDA	JPN
1:50.12	KARL HAUTER	GER	10:48.16	DOUG STRONG	USA	22:48.50	ARTHUR THOMAS	AUS	1:05.01	KAKUICHI YANAGAWA	JPN
1:53.31	WILLIAM HAYNES	USA	200 M.	I.M.		25:47.86	JOSEPH MALLON	USA	1:07.90	YUTAKA MORITA	JPN
200 M.	BACK		3:35.20	KARL HAUTER	GER	1500 M.	FREE		1:40.37	ALBERTO CARVALHO	BRA
3:40.29	JAN ZIEGLER	CZE	3:35.90	JAN ZIEGLER	CZE	33:22.61	KARL BAYERLEIN	GER	100 M.	FLY	
3:41.53	G.SHIMOMOTO	JPN	3:49.71	FRANK PIEMME	USA	37:21.20	HAROLD DODD	GBR	2:30.75	HIRONARI UEDA	JPN
3:43.67	KARL HAUTER	GER	3:53.22	THOMAS MAINE	USA	40:07.86	BUD JACKSON	USA	4:57.11	JACK BRINK	RSA
3:46.88	THOMAS MAINE	USA	4:09.16	HIROSHI IMAIZUMI	JPN	44:33.70	CHARLES BUSHEY	USA	200 M.	FLY	
3:49.15	DALE WEBSTER	USA	4:14.47	LEE ARTH	USA	50:50.34	JOSEPH MALLON	USA	5:42.31	HIRONARI UEDA	JPN
3:56.90	F.YANAGISAWA	JPN	4:23.49	JURGEN SCHMIDT	USA	50 M.	BACK		11:23.67	JACK BRINK	RSA
3:59.07	PAUL HUTINGER	USA	4:24.24	JACQUES AMYOT	CAN	44.52	FRED VAN DYKE	USA	200 M.	I.M.	
4:03.70	LEE ARTH	USA	4:31.98	MAURICE LUSIEN	FRA	49.11	GUNTHER PIRL	GER	4:39.05	LUDWIG GEBURZI	GER
4:05.42	FRANK PIEMME	USA	4:48.47	ALDO MANFROI	BRA	49.41	BELA BANKI	HUN	5:08.92	HIRONARI UEDA	JPN
4:08.35	WILLIAM HAYNES	USA	400 M.	I.M.		51.58	H.REITEMEYER	GER	7:50.13	JACK BRINK	RSA
50 M.	BRST		7:47.73	THOMAS MAINE	USA	52.18	ANDREW HOLDEN	USA	400 M.	I.M.	
41.68	TOSHIO TAJIMA	JPN	7:48.50	JAN ZIEGLER	CZE	52.48	H.MIYAZAKI	JPN	10:57.84	HIRONARI UEDA	JPN
44.99	HORST FRITSCH	GER	8:45.31	LEE ARTH	USA	53.70	NILS FERM	SWE			
46.73	Y.KAWABATA	JPN	9:36.77	ALDO MANFROI	BRA	54.71	TOM HAVER	USA			
48.65	WATARU ASAOKA	JPN	11:05.63	LOU SILVERSTEIN	USA	55.45	JACK MC CANN	USA			
48.83	JAN ZIEGLER	CZE	11:27.07	GEORGE STEWART	AUS	56.43	ALFRED SCHULHOF	CAN			
48.85	BARTON GREENBERG	USA	11:45.61	WARREN FOSTER	USA	100 M.	BACK				
49.21	SADAYUKI WAKAI	JPN	13:12.77	BOB DOUD	USA	1:53.83	BELA BANKI	HUN	42.76	WOODY BOWERSOCK	USA
49.81	BRUNO HAMPPEL	GER	15:23.68	DOUG STRONG	USA	1:54.68	H.REITEMEYER	GER	44.71	GORO KOBAYASHI	JPN
51.06	KARL HAUTER	GER				1:57.78	GUNTHER PIRL	GER	48.98	TOKUSHI KOMEDA	JPN
51.34	MAX BERGIER	FRA				2:00.90	ALFRED SCHULHOF	CAN	54.77	KAZUNAGA AKUTSU	JPN
100 M.	BRST					2:01.89	H.MIYAZAKI	JPN	1:01.22	JIM TRILO	USA
1:46.78	KARL HAUTER	GER				2:07.02	JACK MC CANN	USA	1:04.67	SHIGERU MATSUNAGA	JPN
1:53.80	JAN ZIEGLER	CZE	50 M.	FREE		2:07.13	RAYMOND HAKOMAKI	USA	1:10.35	R.REINSTADTLER	GER
1:54.57	BARTON GREENBERG	USA	40.38	ISAMU TAMURA	JPN	2:07.71	TOM HAVER	USA	1:13.00	JEAN LEEMPUT	FRA
1:56.89	WATARU ASAOKA	JPN	41.94	ANDREW HOLDEN	USA	2:07.91	NILS FERM	SWE	1:16.94	ROMAN JEZEK	CAN
1:58.12	THOMAS MAINE	USA	42.61	SHIGEMASA OKAJIMA	JPN	2:08.01	JOHN MERRILL	USA	1:18.16	JIM PANTON	CAN
1:58.38	BRUNO HAMPPEL	GER	43.62	GEORGE CORONES	AUS	200 M.	BACK		100 M.	FREE	



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2006

1:38.05	GORO KOBAYASHI	JPN	MIHO OKUHARA		JILL EDWARDS		CAROLYN BOAK
1:55.02	WOODY BOWERSOCK	USA	TOC	USA 1:53.61	SBM	USA 2:00.44	BRIGITTE HEUER
1:55.54	TOKUSHI KOMEDA	JPN	MC CALL DORR		SERENA PFISTER		ACUA COL 2:09.57
2:14.76	JEAN LEEMPUT	FRA	M.HARTITZSCH		MARCIE KJOLLER		V.ABUCHAIBE
2:27.04	JIM TRIOLO	USA	KATIE LYONS		SARAH HIRSCH		CLARA BERON
2:52.95	EUGENE LEHMAN	CAN	NICOLE TAMAYO		JANE CAIRNS		R.VISBAL
2:58.16	ROMAN JEZEK	CAN	WCM	USA 1:54.44	ACAD. FORMULA	BRA 2:00.67	D.CORREA
5:20.07	FRANK TILLOTSON	USA	LAUREN MORELLI		JULIANA BERLANGA		MELO USA 2:09.69
200 M. FREE			NICOLE DURINGER		LUCIANA ABE		MIKI ARMSTRONG
5:06.91	WOODY BOWERSOCK	USA	GINA PIETRAS		MONICA FANCO		REBECCA PINTO
5:11.76	JIM TRIOLO	USA	NICOLE DEWES		LUCIANA FLEURY		JANE STITES
6:07.09	ARTHUR EVANS	AUS	BAF	GBR 1:56.02	AGE 160-199		BARBARA JONES
6:47.80	EUGENE LEHMAN	CAN	KATY O'BRIEN		TYR	USA 1:48.44	SAN PAULO BRA 2:09.77
400 M. FREE			VICTORIA WROOT		SHERI HART		SILVANA DE ABREU
13:35.63	EUGENE LEHMAN	CAN	KAREN MCCULLOUGH		COLLETTE SAPPEY		AROMA MARTORELL
15:41.52	ARTHUR EVANS	AUS	KATIE HISLOP		ANNA PETTIS-SCOTT		SOPHIE MONGINET
50 M. BACK			OTTER	GBR 1:56.58	S.LIPPE		FABIENNE GUTTIN
46.82	GORO KOBAYASHI	JPN	US LE PONTET	FRA 1:59.67	NCMS	USA 1:54.49	MSBC CAN 2:11.12
54.67	TOSHIJI SATO	JPN	VALERIE BOUGAULT		ELIZABETH NOWAK		AVILA RHODES
1:00.32	WOODY BOWERSOCK	USA	SLAIMA BOUSNANA		RUTH BATTLE		COLLEEN NELSON
1:00.90	JEAN LEEMPUT	FRA	VIRGINIE GRIECO		E.DEAL		BONNIE PRONK
1:02.43	KAZUNAGA AKUTSU	JPN	VERANE PERIES		SUSAN WALSH		PAMELA KALAS
1:05.21	MASAHISA KANEKO	JPN	AC BOULOGNE	FRA 1:59.80	MVN	USA 1:55.25	FACT USA 2:11.12
1:16.37	JIM TRIOLO	USA	SANDRA BOUCHIER		ANN WORTHINGTON		PAIGE MOORE
1:19.50	R.REINSTADTLER	GER	CAROLINE MATHIAS		MARY WOODS		DEB WALKER
1:22.69	ARTHUR EVANS	AUS	PASCAL DUCLOUX		KRISTINE PALLE		MEEGAN WILSON
1:27.33	RYUZO KADONO	JPN	SOPHIE MORDANT		TAMI ENGEL		PAT SARGEANT
100 M. BACK			ARMY SWIM UNION	GBR 2:00.12	WCM	USA 1:55.89	GBR 2:12.28
1:45.46	GORO KOBAYASHI	JPN	NOVA	USA 2:01.60	CATHERINE HANLEY		ROMA MARYSE KIELY
2:04.48	TOSHIJI SATO	JPN	KATHLEEN BARRIS		PAULA ROEMER		JEAN JONES
2:25.19	WOODY BOWERSOCK	USA	ALISON MC GOOKIN		CAREN MCNAMARA		AMANDA HEATH
2:39.02	JIM TRIOLO	USA	BRANDY BOUNDS		ALISON ZAMANIAN		ANNE BRAAM
3:08.83	ARTHUR EVANS	AUS	HEATHER MARTINEZ		MSBC	CAN 1:56.71	SBM USA 2:12.92
3:43.80	EUGENE LEHMAN	CAN	CN BREST	FRA 2:01.75	SARAH MACDONALD		SHANNON SULLIVAN
3:53.66	FRANK TILLOTSON	USA	KATARIN QUELENNEC		VICTORIA NAESS		MONICA LITTLE
200 M. BACK			CHRISTELLE MENEZ		VALERIE HADD		JEAN CARLSON
4:46.25	TOSHIJI SATO	JPN	CECILE LE BARS		ELIZABETH SMITH		M.SCHONEBERGER
5:28.45	WOODY BOWERSOCK	USA	KARINE MENARD		USZO	HUN 1:56.74	AGE 240-279
5:47.45	JIM TRIOLO	USA	AGE 120-159		MELINDA MAROSI		SDSM USA 2:17.12
6:20.76	ARTHUR EVANS	AUS	GOLD RUSH	JPN 1:51.12	FANNI ASZTALOS		K.PIPES-NEILSEN
8:04.40	FRANK TILLOTSON	USA	MIHO OKUHARA		MARIA BALLA		JACKIE MARR
50 M. BRST			NAHOMI SHIRATA		CSILLA CSIKANY		ANNE WILLIAMS
1:20.63	ARTHUR EVANS	AUS	CHIHIRO SAITO		GOLD RUSH	JPN 1:58.23	JEANNE LITTLE
1:22.34	SHIGERU MATSUNAGA	JPN	YUKIKO OZAWA		TOMOMI MIYAZONO		OREG USA 2:17.52
1:23.05	ROMAN JEZEK	CAN	OTTER	GBR 1:57.05	SHIZUKO HIRAISHI		BARBARA FRID
1:24.04	JIM PANTON	CAN	AZ & PC	NED 1:57.55	CHIHIRO SAITO		JOY WARD
1:28.44	RYUZO KADONO	JPN	TAMARA VAN GORKOM		YUKIKO OZAWA		JANET GETTLING
1:40.13	MASAHISA KANEKO	JPN	ATIE PIJTAK		CMS	USA 1:58.54	CATHERINE IMWALLE
2:03.42	EUGENE LEHMAN	CAN	PETRA FROWIJN		KATHY GARNIER		ISLAND TAKATSUK JPN 2:20.13
2:26.72	FRANK TILLOTSON	USA	LIDIA VAN BON		HEATHER HAGADORN		NOBUKO NITTA
100 M. BRST			LGSR	USA 1:57.71	LAURA SMITH		KAZUE OZAKI
3:11.36	ROMAN JEZEK	CAN	HEATHER DRISCOLL		LAURA DRAVENSTOTT		MICHIKO OTO
3:29.27	ARTHUR EVANS	AUS	ERIN RICE		OREG	USA 1:58.72	HISAKO SATO
6:49.49	FRANK TILLOTSON	USA	JACKIE HEER		VALERIE JENKINS		SWIM NETWORK JPN 2:22.49
50 M. FLY			KRISSY ADAMS		KERRI ROUSSAIN		KEIKO NAGANO
2:06.54	EUGENE LEHMAN	CAN	WCM	USA 1:58.83	DONNA BUCK		YUMIKO YUI
*****			JENNIFER STILL		K.ANDRUS-HUGHES		SAGAMI KAMIJO
M E N 95-99			MEG LLOYD		STAN	USA 1:58.79	SETSUKO MIYAZAKI
*****			SUSAN PRESTON		JENNIFER STILL		NEM USA 2:23.50
50 M. FREE			JODY SMITH		MEG LLOYD		JOEL FELDMANN
1:31.68	ETSURO YASUI	JPN	MOVY	USA 1:59.43	SUSAN PRESTON		TRACY GRILLI
2:00.77	HANS HAHN	GER	ANDREA PACKARD		JODY SMITH		PETEY SMITH
100 M. FREE			JOY STOVER		AGE 200-239		JACKI HIRSTY
3:30.27	ETSURO YASUI	JPN	SUSAN BLATTNER		PNA	USA 1:57.21	HIMA USA 2:23.96
50 M. BACK			BETH ELDRIDGE		LISA DAHL		DIANE STOWELL
2:00.09	HANS HAHN	GER	VAAC	VEN 1:59.87	DEBBIE GLASSMAN		BECKY THURSTON
100 M. BACK			IRENE PERALTA		CHARLOTTE DAVIS		COLLEEN REID
4:25.54	HANS HAHN	GER	KATIUSKA AGUILERA		MARY LIPPOLD		B.BARNETT-SALLEE
*****			MARIANA NINO		WCM	USA 2:00.50	TAM USA 2:25.67
RELAYS: WOMEN 200 M. FREE			MARIA HUNG		L.CRITTENDEN		NANCY RIDOUT
*****			ANN WORTHINGTON		R.BRITTINGHAM		GLENDIA CARROLL
AGE 100-119			TAMI ENGEL		CHARLENE O'BRIEN		SUZY JONES-ROY
GOLD RUSH	JPN 1:51.41		J.BATCHELLER		S.HEIM-BOWEN		BROOKE LYNCH
NAHOMI SHIRATA					WMST	USA 2:01.31	BARNET COPTHALL GBR 2:29.99
AKIKO YAMAMOTO					CONSIDINE-MILLER		SPENCER GBR 2:31.65
ARISA NAKAMURA					THERESA HESSLER		



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2006

KEIKO FUJIMOTO HITOMI UMEMOTO MICHIKO OTO HISAKO SATO NORTH SHORE NZL 2:49.63 SUE POLLARD ANTOINETTE RODAHL MARJO THOMAS JULIE GUNTHORP BARNET COPTHALL GBR 2:50.39 CHALLENGE JPN 2:51.46 TAKAKO NAKAHARA SATOMI SANO KOTOE MATSUMOTO MIE TAKEHARA AGE 280-319 OAHU CLUB KIOIC JPN 2:58.30 KEIKO YAMADA HIROKO OTSUBO HARUMI SUGIMOTO KIYOE KOYAMA TOMS CAN 3:02.07 MICHELE OLIVER SYLVIA EISELE JUDIE OLIVER DORIS MCEWAN SOIK HELLAS SWE 3:10.06 KERSTIN GJORES B. JUTNER HARRIET BURE EVA-BRITT WIDAHL SUNWAY YOKOHAMA JPN 3:10.70 SHIGEKO TANAKA SHOKO YONEZAWA MIZUE SHIGEKAWA MASAE KURATA WCM USA 3:16.59 BARBARA JORDAN ANN HIRSCH MIDGE KRAETZER JOAN ALEXANDER HAKUYO S JPN 3:20.53 TOMIKO SESHIMO SUMIYO YASUMOTO FUMIKO NAKAMURA KIMIKO YOSHINAGA MOST USA 3:24.71 DIANE WHEATLEY BETTY KIGHT JANE BIRKHEAD GEORGIA GOGGIN DUSS GER 3:28.21 U. MEYER-TONNDORF INGEBOG FRITZE BARBARA VIEDENZ GISELA GUENTHER DARWIN STINGERS AUS 3:29.51 JANNIE THOMSON BOBBIE LEA GERDA WILLIAMS ROSEMARY BROMWICH ICARAI/CORPO BRA 3:29.68 MARLENE MENDES ERIKA LOPES SANDRA LIMA MARY SMITH AGE 320-359 SMMM USA 4:54.09 AUDREY ETIENNE GLORIA STUPFEL MIEK MC CUBBIN ASAKO MANINGO TAKAIDO SC JPN 5:11.66 TAMAKO KOMIYAMA YOSHIKO WADA	UTAYO KIMURA MITSU IIMURA SUIEIKAI JPN 5:14.08 AKI UMINO MIDORI NAKAJIMA TOSHIKO AMANO CHIYOKO TAKIZAWA TOOWOOMBAMASTER AUS 5:19.08 BERYL THOMAS CECILY COOKE M. CHIPPERFIELD ANN TODD FMM USA 5:27.95 KAY SCHIMPF GERTRUD ZINT RUTH HOSKINSON PATRICIA PAINTNER AQLUB CHOFU JPN 5:55.26 YOSHIKO SUZUKI SACHIKO MISAWA SONOE ITO YONEKO YOSHIDA COPM/MG BRA 6:31.75 ORDALIA GOMES TEREZINHA SILVA LUIZA SILVA LAURA OLIVEIRA ***** RELAYS: M E N 200 M. FREE ***** AGE 100-119 PX SANNOBASHI JPN 1:35.57 NAOKI NAGURA KENTA ISHII HIROKI SAKURAI A. HASHIRATANI SSM USA 1:36.65 ROBERT BELLAMY PATON MCCLUNG DYLAN MALAGRINO BENJAMIN WESTON TOC USA 1:40.45 MATTHEW DAVIE ROB MC DONNELL DAVID GAGGERO JAMES LEAHY MVN USA 1:43.34 DAVID SCHMIDT CHIP POLITO RUDY VIDAURRI MICHAEL JACOB A.L. JUVENIL BRA 1:43.39 GUSTAVO VOLKART ROBERTO LOPES EDUARDO VALDEZ ANDRE LIMA US LE PONTET FRA 1:43.43 SYLVAIN GOULESQUE BENOIT MONTEIRO NICOLAS CHUPIN SEBASTIEN MENEY VAAC VEN 1:44.20 DANIEL UZCATEGUI L. REVILLA FERNANDO BECERRA L. REVILLA RANKING SPORT BRA 1:44.23 EDSON DE BARROS CILDERICO SILVA MARCO SOUSA STENIO SILVA C. CURITIBANO BRA 1:44.40 SWIM SIX BEAT JPN 1:44.59 YOSHITAKA INOUE YOSHIAKI HARADA T. MIYAGAWA TAKAYUKI OTA	AGE 120-159 NOVA USA 1:36.53 OSWALDO QUEVEDO FELIPE DELGADO BERNIE ZERUHN PAUL CARTER PRAIA T.C. BRA 1:36.92 JOAO CANCELA FABIANO BORGES JOAO BASTOS ANAL PESSOTI TYR USA 1:37.65 BRAD HIBBARD ROBERT-PAUL SMIT JEFF COMMINGS DAN WEGNER ISF USA 1:38.04 BEN CHRISTOFFEL TOM KRAJEWSKI WILL SIMMONS ADAM DAWKINS STAN USA 1:38.20 JONATHAN FIENE JEFF PETERSON RICK GOULD CLAYTON JONES TEAM DASH JPN 1:38.41 HIDEAKI OGAWA K. MATSUMURA ATSUSHI MORI HARUHIKO TAZAWA JAC TSUCHIURA JPN 1:38.67 MITSUHIRO HARA SEIJI SUGIMOTO KOSEI KAJITA YUZURU OKADA SDSM USA 1:38.70 MATTHEW YOUNG MATTHEW PENTLAND DAVID HUGHES ADAM CONWAY GENEVE NATATION SUI 1:38.80 NIGEL GOLDSWORTHY THIERRY BINGOL PHILIPPE MEYER F. ENGELEN GOLD RUSH JPN 1:39.79 KENTARO NAKAMURA HAJIME MIZUMA TATSUYA KINUGASA TATSUAKI SHIRATA AGE 160-199 TYR USA 1:36.28 MATTHEW EISENHUTH JOHN SMITH RICH SAEGER PAUL SMITH DDS ITA 1:38.65 METELLO SAVINO ANDREA AGOSTINONE FABIO MACHESI GIUSEPPE TIANO MVM USA 1:40.11 KIRK KOZLOWSKI EMERIC MC DONALD JOSE DESOUSA BRENT LANG WMST USA 1:41.73 ALLAN KELSEY GERARD LEUTNER DAVID HOLMES ROSS DAVIS STAN USA 1:42.15 DARREN PHELAN CARR PHILLIPS BRIAN SCOTTOLINE	SAM WORDEN MESC USA 1:42.29 MICHAEL SCHMIDT HODDING CARTER ANDREW PULSIFER DOUGLAS PRIDE HAKUYO S JPN 1:43.05 TAKUYA NAKAJIMA KOICHI MATSUMOTO KOJI HASHIMOTO TETSU SHIOZAKI AMERICA/DJAN BRA 1:43.17 ROBERTO CARVALHO MARCUS MATTIOLI MARCELO CRUZ HELIO CELIDONIO WCM USA 1:43.26 JIM LAWRENCE TOM MONTOYA BRAD GOTHBERG ROQUE SANTOS NOVA USA 1:43.49 G. HOFFMANN PATRICK DIDEUM FRANK WASKO TIM SHUMATE AGE 200-239 CMS USA 1:38.24 JACK GROSELLE TRIP HEDRICK STEVE WOOD RICHARD ABRAHAMS GOLD USA 1:43.14 LARRY KRAUSER GEORGE SCHMIDT GARY HALL AMBROSE GAINES BMW USA 1:44.06 THOMAS WHATLEY M. AWEENEY SHELDON FINCH C. BUTLER WCM USA 1:44.92 JAMES DE LACY D CRAIG DENNIS STEPHEN STAHL DAVID BOATWRIGHT TOC USA 1:45.48 SCOTT WILLIAMS STUART CORLISS A. SCHILLING JAMES GRIFFITH PNA USA 1:46.88 DONALD GRAHAM JON BACA SCOTT LAUTMAN RONALD JACOBS DAMM USA 1:47.02 JIM MONTGOMERY PATRICK ALLEN ROSS MYERS STEPHEN BOSTER IM USA 1:48.24 PHIL DODSON JEFFREY LUKENS SCOTT HARRIS THOMAS MCCABE STAN USA 1:48.38 KEN SHILLING CRAIG SMITH JAMES KEMP DAVID LUNDBERG WMST USA 1:48.49 GREGORY DIVIS STEVEN BREEDING THOMAS BOAK GARY SCHATZ
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FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2006

<p>AGE 240-279 TOC USA 1:49.20 JAMES ELDER TIM BIRNIE BILL DICK ROBERT STRAND SDSM USA 1:52.09 MIKE FRESHLEY PETER ANDERSEN BART MC DERMOTT VINUS VAN BAALEN CN MARSEILLE FRA 1:54.83 THIERRY CHANOINE MICHEL ZASS LUCIEN DUCLAUD GEORGES KOESSLER SMMM USA 1:55.99 RANDY BROWN GARY BRENNER RICHARD ENNIS DONALD GALINE WCM USA 1:56.11 ROBERT OLSON JESSE SMYERS KEN BURR JAMES KING TATTERSALLSCLUB AUS 1:57.59 ALAN BROWN PHILIP MADDEN PETER GIBSON A. MOUFARRIGE STAN USA 1:58.00 TIM BRODERICK ROGER VON OECH DAVID GILDEA EDWARD CAZALET MGH ISR 1:59.20 YONA TADIR AVRAHAM MELAMED GERSHON SHEFA MOSHE GERTEL SANTOS MASTERS BRA 1:59.51 EDELTO POLITO OTAVIO ABRANTES ONDAMAR SILVA JOSE MONDELO HOE GBR 2:01.15</p>	<p>SUNWAY YOKOHAMA JPN 2:15.48 SADAO TERADA HARUKI UMAE MINORU NAGASHIMA TETSUO NAKAMARU OREG USA 2:15.55 GEORGE THAYER BRENT LAKE BILL KING DAVID RADCLIFF WARRINGAH AUS 2:18.92 DAVID ROSS KENT SMITH ARTHUR LITH MAX VAN GELDER HAKUYO S JPN 2:19.90 FUJIO HIROKAWA KENSUKE SATO TOSHIMI INATOMI ETSUO FUTAMACHI</p> <p>AGE 320-359 JUEI CLUB JPN 2:24.78 YOSHIHIRO YANASE SHOICHI SHIDA ISAMU TAMURA KEIJIRO NAKAMURA SDSM USA 2:31.96 DALE WEBSTER JURGEN SCHMIDT KEN KIMBALL LEE ARTH OREG USA 2:40.67 WILLARD LAMB GILBERT YOUNG DAVID RADCLIFF ANDREW HOLDEN HAKUYO S JPN 2:44.20 TOSHIMI INATOMI SHIGEKO KONNO H. KOHINATA SADAYUKI WAKAI FLUMINENSE F.C. BRA 3:14.28 ZUHRAB BOGHOSSIAN ZAVEN BOGHOSSIAN VINIVIVUS MACHADO ARAN BOGHOSSIAN TOC USA 3:14.31 GLYNN JONES FRANK GRANNIS BOB MORETTO JAMES FRANKEL RINC USA 3:39.82 BENJAMIN SWAN AUGUST MOTMANS WALTER KELLER JOHN PONISCHIL ICARAI/CORPO BRA 4:54.38 ALBERTO CARVALHO SERGIO LIMA ANTONIO SILVA OLADYR QUINTAES PC CAN 6:36.44 H. ROY R. JEZEK A. KEROUACK E. LEHMAN ***** RELAYS: M E N 200 M. MEDLEY ***** AGE 100-119 TOC USA 1:49.60 TRENT HOLSMAN LEE WANIE STEVEN BROWN SCOTT GREENWOOD BAF GBR 1:52.46 BEN ROOKER</p>	<p>JOSEPH STAPLETON NEIL FERGUSON IAN FAIRHURST SSM USA 1:52.51 ROBERT BELLAMY D HELLER BENJAMIN WESTON DYLAN MALAGRINO TOC USA 1:53.16 GARY LARSON JAMES LEAHY MATTHEW DAVIE ROBERT PALMER CANET 66 FRA 1:56.55 RAPHAEL RAYMOND GUILLEM RIANDE TOLGA BILGIN SEBASTIEN ZEGRE TEAM AICHI JPN 1:56.70 ATSUSHI HANAKI MASANAO IWATA Y. SUGIMURA YUMA HANAKI MOUE FRA 1:56.89 F. BELLENGER UGO TRUFFERT JORIS FILLON ROMAIN TRAN VAN DES NAGEURS FRA 1:58.34 MATHIEU PICQ SILVERE SCHUSTER SID ALI AZOUAGH MAXIME LE MOUËL SURFRIDER JPN 1:58.37 KENJIRO HAYASHI NAOSHI MAEDA TAKUYA TOMII HIROKI NAKAZONO 4MMOLS JPN 1:58.80 SATOSHI MIYASHITA KEIJI SAKAI ATSUMU HONDA T. HIRAYAMA</p> <p>AGE 120-159 TYR USA 1:48.58 JEFF COMMINGS MICHAEL RUFFNER BRAD HIBBARD MATTHEW EISENHUTH UNITED JPN 1:49.77 T. TAKEMURA RYUTARO MORITA SHUNSUKE AKATSUKA SHINGO YOSHINARI WCM USA 1:49.98 RYAN JONES ROQUE SANTOS DIKAN RENDIC ANDY BROWN TEAM DASH JPN 1:50.01 HIDEAKI OGAWA TAKASHI HIRAKAWA HIDEAKI TOGO ATSUSHI MORI PRAIA T.C. BRA 1:50.13 JOAO OLIVEIRA ALAN PESSOTT FABIANO BORGES JOAO BASTOS SWINDON DOLPHIN GBR 1:50.86 PHSH USA 1:51.61 DEREK ROBINSON AARON BARTLESON MARCEL RINZLER CURTIS SAWIN GOLD RUSH JPN 1:51.65</p>	<p>KENTARO NAKAMURA TAKESHI MORI YOSHIHISA SUDO TATSUAKI SHIRATA C.R. FLAMENGO BRA 1:52.23 GUSTAVO MELO MARCIO MOTTA CLAUDIO MOTTA ALBERTO MOTTA TOC USA 1:52.51 PATRICK SAGISI GREG LARSON CARL HESSLER DAVID GAGGERO</p> <p>AGE 160-199 TYR USA 1:47.72 RICH SAEGER GREG RHODENBAUGH PAUL SMITH JOHN SMITH DDS ITA 1:49.34 GIUSEPPE TIANO ANDREA AGOSTINONE FABIO MACHESI METELLO SAVINO NEM USA 1:49.85 MICHAEL ROSS JARED WALKENHORST GREG SHAW MIKE LANE GENEVE NATATION SUI 1:51.07 CRAIG NORREY PREBEN WARGA PHILIPPE MEYER NIGEL GOLDSWORTHY STAN USA 1:52.30 RICK GOULD BRIAN SCOTTLINE DARREN PHELAN DAVID LUNDBERG VMST USA 1:53.25 CHRIS STEVENSON DAVID MALSBURY DAVE HOLLAND ERIC CORNELL MURASAKI SPORTS JPN 1:54.02 KEITARO KONNAI TSUYOSHI KATO MAKIO ENDO YOSHIHIRO KISHI ANCM USA 1:54.57 CLAY BRITT WALLY DICKS JOHN FEINSTEIN JEFFREY RODDIN WMST USA 1:55.28 ROSS DAVIS GREGORY DIVIS ALLAN KELSEY DAVID HOLMES TOMS CAN 1:55.39 WIESLAW MUSIAL M. WILLIAMSON YEHORAM SHENHAR BRIAN HASEGAWA</p> <p>AGE 200-239 CMS USA 1:50.83 STEVE WOOD JACK GROSELLE TRIP HEDRICK RICHARD ABRAHAMS NOVA USA 1:56.29 BERNIE ZERUHN G. HOFFMANN PAUL CARTER TOM ANGELL</p>
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FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2006

STAN USA 1:58.70	EDWARD CAZALET	ARIZ USA 3:31.00	GOLD RUSH JPN 1:42.93
CARL COLVARD	DAVID GILDEA	LOU SILVERSTEIN	MIHO OKUHARA
KEN SHILLING	TIM BRODERICK	F TED HAARTZ	NAHOMI SHIRATA
JAMES KEMP	ROGER VON OECH	MAX VON ISSER	KENTARO NAKAMURA
TIMOTHY GLENN	HAKUYO S JPN 2:12.93	GORDON GILLIN	TATSUAKI SHIRATA
GOLD USA 1:59.44	HIROSHI NONAKA	FLUMINENSE F.C. BRA 3:37.72	TYR USA 1:47.16
GARY HALL	SEIKO OKAZAKI	ZAVEN BOGHOSSIAN	BRENT BERGSTEDT
GEORGE SCHMIDT	SADAO SAJIKI	LYNALDO MARTINS	MARIKA MC CUE
LARRY KRAUSER	TAKASHI TERAKOSHI	ARAM BOSHOSSIAN	ROBERT-PAUL SMIT
AMBROSE GAINES	CN MARSEILLE FRA 2:14.74	VINIVIVUS MACHADO	JENNIFER STEIN
OREG USA 1:59.49	THIERRY CHANOINE	TWIN TOWNS AUS 3:52.43	MSBC CAN 1:48.15
WES EDWARDS	MICHEL ZASS	ARTHUR THOMAS	MARK OLDDHAM
PAT ALLENDER	GEORGES KOESSLER	DAVID MISSON	VICTORIA NAESS
STEPHEN KEVAN	LUCIEN DUCLAUD	MIKE KEVI	SARAH MACDONALD
MIKE TENNANT		GEORGE CORONES	JAMES HOOPER
ICHIKAWA AC JPN 2:00.38	AGE 280-319	FMM USA 5:01.19	ACBB FRA 1:48.77
TAKEO HIRAMOTO	NCMS USA 2:21.46	FRANK TILLOTSON	ERIC HUYNH
YASUHIRO KOMORI	CLARKE MITCHELL	ROBERT WILLIAMS	SOPHIE MORDANT
TOMOYASU IIDA	JOHN KORTHEUER	PAUL HUTINGER	CAROLINE MATHIAS
KAZUKI YUZAWA	RICHARD KITCHELL	JAMES BROWNE	OLIVIER FAYOLLE
PNA USA 2:00.45	JERRY CLARK	ICARAI/CORPO BRA 5:48.02	NOVA USA 1:49.17
DONALD GRAHAM	OAHU CLUB KIOIC JPN 2:29.72	OLADYR QUINTAES	FELIPE DELGADO
JON BACA	MAMPEI SEINO	ALDO MANFROI	M.REILLY-FEGAN
SCOTT LAUTMAN	HIROYUKI NAGAOKA	HIRAM ARAUJO	ALISON MC GOOKIN
RONALD JACOBS	MASAYASU KAMIYA	ANTONIO SILVA	PATRICK DIDEUM
BMW USA 2:04.00	MASATERU ISA	*****	TOC USA 1:49.26
THOMAS WHATLEY	WCM USA 2:30.15	RELAYS: MIXED 200 M. FREE	GARY LARSON
JAMES FREGOSI	DONALD BROWN	*****	LAUREEN WELTING
C.BUTLER	JIM PERILMAN	AGE 100-119	MICHELLE DEASY
SHELDON FINCH	DENNIS BLEDSOE	OAHU CLUB JPN 1:41.66	PATRICK SAGISI
WMST USA 2:04.32	NORMAN STUPFEL	KOHEI KAWAMOTO	C.R. FLAMENGO BRA 1:49.41
LANCE GORDON	DOLPHIN SC JPN 2:32.41	ISUZU MAEDA	
STEVE DAILEY	HACHIRO KANDA	HITOMI MATSUDA	BAF GBR 1:49.64
GREGORY THARP	HIROFUMI HOSOTANI	SHUNSUKE ITO	STUART MANTLE
GARY SCHATZ	YASUSHI YAMAGUCHI	TOC USA 1:43.30	CATHERINE JARDINE
SAC USA 2:04.91	TAKANA O SATO	TRENT HOLSMAN	KAREN MCCULLOUGH
DOUGLAS RYERSON	GOLD USA 2:33.95	M.HARTITZSCH	NICOLUS VAUGHAN
DAVID FARRAND	ALAN RAPPERPORT	NICOLE TAMAYO	MVM USA 1:50.28
ART WICKMAN	CAV CAVANAUGH	SCOTT GREENWOOD	BRENT LANG
KEN EDWARDS	DAVID MCINTYRE	SDSM USA 1:45.20	C MISA SUGIURA
AGE 240-279	BILL DYKSTRA	ALISON TERRY	MAIKE SILVER
TOC USA 2:04.87	JUEI CLUB JPN 2:34.47	HEATHER DEFELICE	JOSE DESOUZA
TIM BIRNIE	IKURO SHIMONO	MATTHEW PENTLAND	DES NAGEURS FRA 1:50.39
ROBERT STRAND	GUNJI KITAZAWA	ADAM CONWAY	VANESSA STOSSEL
JAMES ELDER	KAZUYA ONUKI	WCM USA 1:45.25	INGO RIEDERER
BILL DICK	SHOSHIN MORI	RYAN JONES	K.VANFASSE
TAM USA 2:05.70	SOIK HELLAS SWE 2:35.47	ANDY BROWN	MATHIEU PICQ
RICHARD BURNS	PETER BERGENGREN	GINA PIETRAS	AGE 160-199
KENNETH FROST	MATTHIAS KRONER	NICOLE DEWES	TYR USA 1:42.27
RICK MEYERHOFF	INGVAR ERIKSSON	SSM USA 1:46.27	JOHN SMITH
DICK THOMAS	NLLS FERM	DYLAN MALAGRINO	RICH SAEGER
USZO HUN 2:06.35	OREG USA 2:37.03	LISA HELM	COLLETTE SAPPEY
JOZSEF CSIKANY	BRENT LAKE	DARLENE HUNT	SHERI HART
PETER BALASY	GEORGE THAYER	BENJAMIN WESTON	WMST USA 1:45.76
GABOR CSABA	DAVID RADCLIFF	STAN USA 1:46.73	ALLAN KELSEY
ATTILA BANHIDY	BILL KING	CLAYTON JONES	BRIGITTE HEUER
WCM USA 2:06.60	TACHIKAWASUIKYO JPN 2:39.02	JONATHAN FIENE	LISA HALLEE
JAMES KING	TSUTOMU MIYAUCHI	ANNETTE SALMEEN	ROSS DAVIS
JESSE SMYERS	MAKOTO KOMANO	CARA MORENO	MVN USA 1:47.88
JAMES DE LACY	SUEO YAMAGUCHI	SO MILLAU N FRA 1:48.46	ANN WORTHINGTON
D CRAIG DENNIS	JUNJI MONJAKU	PIERRE RABAT	JEFF TAYLOR
SDSM USA 2:08.51	SUNWAY YOKOHAMA JPN 2:39.78	JESSICA FIGUES	DAVID SCHMIDT
VINUS VAN BAALEN	SADAO TERADA	ANNE VELEZ	TAMI ENGEL
PETER ANDERSEN	TETSUO NAKAMARU	PASCAL GUIBERT	ARIZ USA 1:48.78
MIKE FRESHLEY	TAKEO SHIRAIISHI	GB POLICE GBR 1:49.59	GEOFFREY GLASER
MIKE KEENEY	MINORU NAGASHIMA	BAF GBR 1:49.83	SHEILA ARREDONDO
SMMM USA 2:11.10	AGE 320-359	NEIL FERGUSON	LOUISE KEOGH
DONALD GALINE	OREG USA 3:22.60	ALYS SCOTT	HENRY CLARK
RANDY CORT	WILLARD LAMB	VICTORIA WROOT	WCM USA 1:49.15
RANDY BROWN	GEORGE THAYER	GARY DANIELL	CAREN MCNAMARA
RICHARD ENNIS	ANDREW HOLDEN	US LE PONTE FRA 1:50.86	STEPHEN STAHL
NEM USA 2:12.06	GILBERT YOUNG	SYLVAIN GOULESQUE	PAULA ROEMER
DAVID BRIGHT	SDSM USA 3:27.44	VALERIE BOUGAULT	JIM LAWRENCE
LOUIS KRONFELD	TOM HAVER	VERANE PERIES	GOLD RUSH JPN 1:50.18
DANIEL ROGACKI	DONALD BAKER	SEBASTIEN MENEY	ANDREW SCHWINGER
GEORGE COUPE	LEE ARTH	AGE 120-159	CHIHIRO SAITO
STAN USA 2:12.82	KEN KIMBALL		NORIAKI HOMMA



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2006

YUKIKO OZAWA	USA	1:50.47	AGE 240-279		WARREN FOSTER	AGE 100-119
BRIAN GOLDMAN	USA	1:50.47	TAM	USA 1:58.75	NANCY WAITE	OAHU CLUB JPN 1:51.99
E.DEAL			RICHARD BURNS		MELINDA SMITH	T.KITASHITA
RUTH BATTLE			LAURA VAL		USA 2:41.52	HITOMI MATSUDA
JOSE MERINO			NANCY RIDOUT		DICK BOWER	KOHEI KAWAMOTO
SP	BRA	1:50.62	DICK THOMAS		C.MITSUDA-BAGNALL	ISUZU MAEDA
MARCUS MATTIOLI			SDSM	USA 1:59.41	JOANN LEILICH	STAN USA 2:01.16
FABIENNE GUTTIN			MIKE FRESHLEY		BAKER SHANNON	ERIC FOSTER
SOPHIE MONGINET			JEANNE LITTLE		USA 2:43.29	LAURENCE BECKER
MARCIO MENEZES			K.PIPES-NEILSEN		DONNA MONROE	ANNETTE SALMEEN
MELO	USA	1:50.73	VINUS VAN BAALEN		BARBARA OWENS	CARA MORENO
AL HUMPHREY			USZO	HUN 2:05.67	A EMORY HAWORTH	OTT GBR 2:02.57
TASHA CAPEEN			GABOR CSABA		JAMES KING	ROSS CROASDELL
JANA MATENA			MARIA BALLA		MIAMI AUS 2:44.28	FIONA MARSHALL
JOHNATHAN TURK			LAJOS VAGUJHELYI		JOHN CRISP	MICHELLE SENECAI
CMS	USA	1:51.49	MAGDOLNA PATOH		P. MARSHALL	MATT STAINES
JACK GROSELLE			HIMA	USA 2:05.74	KEN WINTER	BAF GBR 2:02.65
AMANDA KRAUSE			JAMES BUDDER		DENISE ROBERTSON	KATY O'BRIEN
LAURA SMITH			B.BARNETT-SALLEE		USA 2:44.32	JOSEPH STAPLETON
STEVE WOOD			BECKY THURSTON		PETEY SMITH	NEIL FERGUSON
TOKYO SC	JPN	1:51.49	ROGER CUNDALL		B.BURRILL	KATIE HISLOP
TOMOYUKI SATO			OREG	USA 2:05.91	DANIEL ROGACKI	TOC USA 2:02.82
JUNKO NAKANO			BARBARA FRID		BRADLEY DAVIS	NICOLE TAMAYO
YOKO OZAKI			JANET GETTLING		AGE 320-359	ROBERT PALMER
KEITA MATSUI			BOB BRUCE		JUEI CLUB JPN 2:37.10	MC CALL DORR
AGE 200-239			ROBERT SMITH			STEVEN BROWN
CMS	USA	1:44.96	WMST	USA 2:07.96	ISAMU TAMURA	SO MILLAU N FRA 2:02.98
TRIP HEDRICK			THOMAS BOAK		MIEKO KAMOSHITA	VAEA SICHAN
KIM CROUCH			THERESA HESSLER		YURIKO NAGAMATSU	O.LAMOLINERIE
KATHY GARNIER			SUE BLOOMFIELD		KEIJIRO NAKAMURA	PIERRE RABAT
RICHARD ABRAHAMS			BOB BAILIE		FLUMINENSE F.C. BRA 3:11.73	JESSICA FIGUES
GOLD	USA	1:46.06	SOIK HELLAS	SWE 2:08.87	ZAVEN BOGHOSSIAN	WCM USA 2:03.20
DARA TORRES			PETER BERGENGREN		YVELINE JOUANNEAU	LAUREN MORELLI
CAV CAVANAUGH			HARRIET BURE		CANDIDA GANDOLPHO	ANI HANOIAN
TANYA HANSON			MARGARETA RAINER		ARAN BOGHOSSIAN	TRENTIN KRAUSS
AMBROSE GAINES			INGVAR ERIKSSON		SDSM USA 3:23.04	JUSTIN SMYERS
WCM	USA	1:48.33	MSBC	CAN 2:09.86	TOM HAVER	BODY WORK/MINAS BRA 2:04.01
S.HEIM-BOWEN			ROD CARMICHAEL		MARIAN WOLLE	LILA TAVARES
L.CRITTENDEN			ELIZABETH SMITH		JURGEN SCHMIDT	MARIO ARAUJO
JAMES DE LACY			COLLEEN NELSON		ADRIENNE PIPES	ANTONIO BARBOSA
DAVID BOATWRIGHT			IVAN SZASZ		SOIK HELLAS SWE 3:24.82	TATIANA BARBOSA
NEM	USA	1:48.83	HOE	GBR 2:11.12	KERSTIN GJORES	SSM USA 2:04.23
GREG SHAW			NOVA	USA 2:12.74	LENNART INGMO	LISA HELM
JACKI HIRSTY			TOM ANGELL		EVA-BRITT WIDAHL	D HELLER
JOEL FELDMANN			KIM THORNTON		NILS FERM	RODRIGO IGLESIAS
MICHAEL ROSS			CAROL JEWELL		ICARAI/CORPO BRA 3:34.72	DARLENE HUNT
PNA	USA	1:50.44	DICK STEWART		ALBERTO CARVALHO	NEPTUNE CLUB FRA 2:04.75
LISA DAHL			AGE 280-319		MARY SMITH	CAROLINE SERET
MARY LIPPOLD			ISLAND TAKATSUK JPN 2:23.14		NORA RONAI	SAMUEL AVAVOISARD
DONALD GRAHAM			TETSUYA YAMAMOTO		ALDO MANFROI	VERENA BERTHELOT
RONALD JACOBS			KIYOKO IKEUCHI		WCM USA 3:38.79	FRANK LAVIEILLE
OREG	USA	1:51.44	HISAKO SATO		PHYLLIS CROCKETT	AGE 120-159
WES EDWARDS			SHINGO YAMAMOTO		WILLIAM JOHNSTON	TEAM DASH JPN 1:55.79
KERRI ROUSSAIN			KSG HOFU JPN 2:31.35		FRED TRASK	HIDEAKI OGAWA
K.ANDRUS-HUGHES			SADAKO KUBO		JEAN DUNCAN	HIDEAKI TOGO
MIKE TENNANT			KOJI SASAHARA		SMMM USA 3:51.21	YOKO YAMAGUCHI
AKMS	USA	1:51.69	KUMIE TOKUDA		JOE SELIBER	YAYOI SAKAMOTO
COLNY TUCKER			AKIO IGAKI		ROBERT CUNNINGHAM	TOC USA 2:00.07
RICK ABBOTT			FMM	USA 2:33.82	GLORIA STUPFEL	LEE WANIE
LYNN DE GEORGE			JAMES BROWNE		ASAKO MANINGO	GREG LARSON
STANLEY STECK			JEAN TROY		SOMERSET AUS 4:04.72	MARGO DIAMOND
DAMM	USA	1:52.57	PATRICIA TULLMAN		RON COOPER	KATIE LYONS
KEVIN SWITZER			GAYLORD HOPKINS		GUY DAVIES	PHSH USA 2:00.96
LYNN MORRISON			OAHU CLUB KIOIC JPN 2:33.98		MAXINE HILL	DEREK ROBINSON
JANIE COLE			MASAYASU KAMIYA		JOYCE O'FARRELL	AARON BARTLESON
JIM MONTGOMERY			KEIKO YAMADA		NORTH LODGE AUS 4:08.48	ERIN MC INTYRE
USZO	HUN	1:54.08	HIROYUKI NAGAOKA		CLARICE ARTIS	N.BARTLESON
MELINDA MAROSI			NORIKO YATSUNAMI		SID KRASEY	GOLD RUSH JPN 2:01.05
ATTILA BANHIDY			TOMS	CAN 2:35.63	BARBARA BROOKS	KENTARO NAKAMURA
JOZSEF CSIKANY			DORIS MCEWAN		ROBERT BROMLEY	MEGUMI MASEDA
CSILLA CSIKANY			JUDIE OLIVER		SUIEIKAI JPN 4:11.60	NAHOMI SHIRATA
WMST	USA	1:54.24	JOHN BALINT		YOICHI TOMITA	TATSUAKI SHIRATA
LANCE GORDON			PETER STRAKA		KINUYO ISHIKAWA	WCM USA 2:01.14
CONSIDINE-MILLER			O*H*	USA 2:39.03	MASAKO MATSUNO	ALISON ZAMANIAN
CAROLYN BOAK			YOSHI OYAKAWA		AKIRA MATSUNO	HELEN SALCEDO
GARY SCHATZ					*****	DIKAN RENDIC
					RELAYS: MIXED 200 M. MEDLEY	ANDY BROWN



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 2006

MSBC	CAN	2:02.53	ALLEN STARK	PETER BERGENGREN	MAX VON ISSER
			ARLENE DELMAGE	MATTHIAS KRONER	NANCY KINNEY
			MIKE TENNANT	HARRIET BURE	FLUMINENSE F.C. BRA
			NEM USA	MARGARETA RAINER	3:52.19
			JOEL FELDMANN	TAM USA	2:27.01
CC	BRA	2:03.13	MIKE LANE	BROOKE LYNCH	YVELINE JOUANNEAU
			GREG SHAW	KENNETH FROST	ARAM BOGHOSSIAN
			JACKI HIRSTY	DICK THOMAS	CANDIA GANDOLPHO
			GOLD USA	GLEND CARROLL	ICARAI/CORPO BRA
			DEBBIE CAVANAUGH	HIMA USA	3:59.36
			GEORGE SCHMIDT	B.BARNETT-SALLEE	ALBERTO CARVALHO
SWINDON DOLPHIN	GBR	2:03.31	GARY HALL	ROGER CUNDALL	ALDO MANFROI
			TANYA HANSON	BECKY THURSTON	NORA RONAI
			PNA USA	JAMES BUDE	MARY SMITH
			ZENA COURTNEY	RECRA/T.C.C BRA	SOMERSET AUS
			JON BACA	SILVANA ABREU	4:17.54
			SCOTT LAUTMAN	NILSON LEAO	RON COOPER
			CHARLOTTE DAVIS	F.B.FILHO	GUY DAVIES
MOVY	USA	2:04.00	AKMS USA	MARCIA LEITE	MAXINE HILL
			MATTHEW DIXON	AGE 280-319	JOYCE O'FARRELL
			PAULA SMITH	OAHU CLUB KIOIC JPN	WCM USA
			RICK ABBOTT	2:40.28	4:21.72
			COLNY TUCKER	MAMPEI SEINO	PATRICIA PREVETZ
			WCM USA	KEIKO YAMADA	NORMAN STUPFEL
AGE 160-199			PATTY LANDERS	HARUMI SUGIMOTO	JAE HOWELL
TYR	USA	1:58.35	PAUL VANHOVEN	MASAYASU KAMIYA	FRED TRASK
			CHARLENE O'BRIEN	WCM USA	4:22.49
			D CRAIG DENNIS	DONALD BROWN	RINC USA
			ARIZ USA	ANN HIRSCH	4:23.18
			EVIE LYNCH	DENNIS BLEDSOE	CLARICE ARTIS
			LOUISE KEOGH	MIDGE KRAETZER	SID KRASEY
			JAMES BLY	SUNWAY YOKOHAMA JPN	ROBERT BROMLEY
			BARRY ROTH	2:48.60	BARBARA BROOKS
			HOEM GBR	SHOKO YONEZAWA	SDSM USA
			TREVOR CLARK	TETSUO NAKAMARU	4:25.00
			HAYLEY BETTINSON	TAKEO SHIRAIISHI	TOM HAVER
			MICHELLE DIGE	MASAE KURATA	MARIAN WOLLE
			ANDREW WILSON	FLUMINENSE F.C BRA	ADRIENNE PIPES
			NEM USA	2:49.42	JURGEN SCHMIDT
			MICHAEL ROSS	JUEI CLUB JPN	SUIEIKAI JPN
			BARBARA HUMMEL	2:49.83	4:39.66
			DANIEL ROGACKI	IKURO SHIMONO	MASAKO MATSUNO
			TRACY GRILLI	TERUKO NISHISAKO	YOICHI TOMITA
			SP BRA	KAZUYA ONUKI	AYA HIRANO
			AROMA MARTORELL	MIEKO KAMOSHITA	AKIRA MATSUNO
			VITOR CORDEIRO	SOIK HELLAS SWE	
			MARCUS MATTIOLI	2:55.96	
			SILVANA DE ABREU	KERSTIN GJORES	
			AGE 240-279	BO JUTNER	
			TAM USA	INGVAR ERIKSSON	
			RICHARD BURNS	EVA-BRITT WIDAHLL	
			GARY PARLAPIANO	TOMS CAN	
			LAURA VAL	2:56.98	
			NANCY RIDOUT	JUDIE OLIVER	
			USZO HUN	BEVERLEY TUCKER	
			MARIA BALLA	PETER STRAKA	
			PETER BALASY	CHRISTOPHER SMITH	
			JOZSEF CSIKANY	KSG HOFU JPN	
			MAGDOLNA PATOH	2:58.27	
			HEART OF ENGLAN GBR	KATSUKO YASUNARI	
			2:21.13	KUMIE TOKUDA	
			OREG USA	H.YASUNARI	
			ROBERT SMITH	KOJI SASAHARA	
			CATHERINE IMWALLE	WCM USA	
			JOY WARD	2:58.49	
			BOB BRUCE	BARBARA JORDAN	
			CN MARSEILLE FRA	JIM PERILMAN	
			2:23.11	A EMORY HAWORTH	
			SOPHIE RIGAUD	JOAN ALEXANDER	
			MARIE TOMASI	USZO HUN	
			GEORGES KOESSLER	2:59.01	
			MICHEL ZASS	BELA BANKI	
			SEASIDE PIRATES AUS	ILONA KASZONYI	
			2:26.93	MIKLOS KOVATS	
			PAM HUTCHINGS	EVA ANGYALFOELDI	
			MILTON O' DELL	AGE 320-359	
			R. MILLER-WALTON	SUNWAY YOKOHAMA JPN	
			COLIN STANFORD	3:25.04	
			SOIK HELLAS SWE	SHOGORO AZUMA	
			2:26.95	SHOKO YONEZAWA	
				MINORU NAGASHIMA	
				MASAE KURATA	
				ARIZ USA	
				3:34.33	
				LOU SILVERSTEIN	
				CAROL TAYLOR	