



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1996

*****	32.87	HEIDI BELL-WEST	GBR	2:17.51	SHEILA TAORMINA	USA	4:53.48	STEPHANIE OUTCALT	USA
*****	33.00	M.MADJIROVA	GER	2:20.72	HELEN SLATTER	GBR	800 M. FREE		
*****	100 M. BACK			2:20.87	CHIZUKO UMIGUCHI	JPN	9:22.73	KAREN BURTON	USA
50 M. FREE	1:07.71	KATHARINE BRITTON	GBR	2:25.02	JACKIE THOMPSON	GBR	9:25.47	K.PIPES-NEILSEN	USA
27.43 DYNE BURRELL	1:09.59	KITTY EDBROOKE	GBR	2:28.52	MARCY YEISLEY	USA	9:27.06	LISA HAZEN	USA
27.46 MICHELLE DAVID	1:09.66	KYM BRYANT	USA	2:31.65	SABINE SCHACKE	NED	9:32.91	PENNY BOND	AUS
27.93 MAXINE LOCK	1:10.83	HIROKO TAKUWA	JPN	2:32.58	PATRICIA BRITTO	BRA	9:49.75	JUNE FORD	USA
28.21 ANJA SCHWEER	1:10.86	LENKA NEMECKOVA	CZE	2:33.04	CHANTAL LEMIEUX	CAN	9:50.35	JANE KLEINE	USA
28.30 PATRICIA GALLO	1:10.90	CHRISTINE KOLLER	GER	2:33.28	CORINA HEINE	GER	9:55.39	C.FANZERES	BRA
28.36 CSILLA CSIKANY	1:11.40	HEIDI BELL-WEST	GBR	2:33.96	BIANCA STEINMETZ	GER	10:04.57	FRANCOISE THEATE	BEL
28.38 JEANNETTE GUNSTON	1:11.68	LINDA ASHCROFT	GBR	200 M. I.M.			10:11.08	STEPHANIE OUTCALT	USA
28.41 JUNKO IKOMA	1:11.70	EMMA PLATT	GBR	2:28.23	JACKIE THOMPSON	GBR	10:16.29	NANCY ROSE	USA
28.42 IARA SCARPELLI	1:12.46	CORINNA KRIETSCH	GER	2:31.21	SABINE SCHACKE	NED	1500 M. FREE		
28.45 BARBARA GOTKER	100 M. BACK			2:33.82	JENNIFER RIDGE	USA	17:38.70	KAREN BURTON	USA
28.45 MICHELLE HANCOCK	2:30.52	KITTY EDBROOKE	GBR	2:34.13	JANA VILIMOVA	CZE	17:48.44	K.PIPES-NEILSEN	USA
100 M. FREE	2:32.82	KYM BRYANT	USA	2:35.04	CORINA HEINE	GER	17:48.60	LISA HAZEN	USA
59.43 SHEILA TAORMINA	2:34.81	EMMA PLATT	GBR	2:35.86	LISA SUMMERS	USA	18:43.07	JUNE FORD	USA
1:00.49 DYNE BURRELL	2:35.84	HIROKO TAKUWA	JPN	2:35.91	SALLY DEARDEN	GBR	18:58.26	LYNNE LEE	GBR
1:00.97 JACKIE THOMPSON	2:37.58	M.MADJIROVA	GER	2:36.40	V.ROMANENGHI	ITA	19:07.27	STEPHANIE OUTCALT	USA
1:01.26 MAXINE LOCK	2:37.92	MARGARET BOLIVER	USA	2:36.67	IARA SCARPELLI	BRA	19:16.30	NANCY ROSE	USA
1:01.38 IARA SCARPELLI	2:38.85	SOLVEIG SULLIVAN	USA	2:36.74	CHRISTINE KOLLER	GER	19:34.81	BARBARA MILANESE	USA
1:01.80 MICHELLE DAVID	2:40.01	CORINNA KRIETSCH	GER	400 M. I.M.			19:51.04	JANICE MCASLAN	CAN
1:01.82 GISELLE ADDISON	2:40.18	BIANCA STEINMETZ	GER	5:19.37	KAREN CLIFTON	GBR	20:27.99	ERICA KUIPER	NED
1:01.84 JEANNETTE GUNSTON	2:40.30	BARBARA GRILLO	ITA	5:20.01	SABINE SCHACKE	NED	50 M. BACK		
1:02.02 NATALIA PULIDO	50 M. BRST			5:24.18	SALLY DEARDEN	GBR	30.94	DIANE GALLAS	USA
1:02.30 MARION BUCKLEY	34.59	CHARLOTTE MUSTARD	GBR	5:25.92	DONNA JOHNSON	USA	31.24	PASCALE VERBAUWEN	BEL
200 M. FREE	34.82	HEIDI BELL-WEST	GBR	5:26.10	JANA VILIMOVA	CZE	31.80	K.PIPES-NEILSEN	USA
2:02.06 SHEILA TAORMINA	35.55	SALLY DEARDEN	GBR	5:27.37	JENNIFER RIDGE	USA	32.59	KAREN ANDREWS	USA
2:12.51 KAREN CLIFTON	35.68	KIRSTEN BLUDAU	GER	5:29.01	SUE FAWN	GBR	32.84	SABINE PREDIGER	GER
2:14.33 DEBORAH HAMILTON	35.79	LOUISE MARTIN	USA	5:30.31	HELEN WALSH	USA	33.19	MARTIE MCKINNEY	USA
2:14.61 SUSAN HILL	35.85	ASAKO NATSUME	JPN	5:30.98	M.HEILIG-BAKKER	NED	33.46	CAREN MAHN	GER
2:15.84 LISA SUMMERS	35.87	CLAUDIA WIESNER	GER	5:34.01	BETHANY WILLISTON	USA	33.53	KATHERINE VEALE	GBR
2:16.14 JENNIFER RIDGE	36.00	HAYLEY BIRD	GBR				33.84	IRINEL SOPTIREAN	GER
2:16.20 SUSIE DEVLIN	36.03	ANJA FLUGEL	GER	*****			33.91	D.FIGUEIREDO	GBR
2:16.59 M.HEILIG-BAKKER	36.21	KERSTIN BADEL	GER	*****			100 M. BACK		
2:16.73 ANDREA HALBACH	100 M. BRST			*****			1:05.42	DIANE GALLAS	USA
2:16.96 DONNA JOHNSON	1:15.31	CHARLOTTE MUSTARD	GBR	50 M. FREE			1:05.54	K.PIPES-NEILSEN	USA
2:16.96 SABINE SCHACKE	1:17.53	SALLY DEARDEN	GBR	27.67	K.PIPES-NEILSEN	USA	1:07.34	PASCALE VERBAUWEN	BEL
400 M. FREE	1:18.59	JACKIE THOMPSON	GBR	27.97	SARAH EAMES	GBR	1:09.82	SARAH GARRETT	GBR
4:13.03 SHEILA TAORMINA	1:19.59	KERSTIN BADEL	GER	28.12	KAREN ANDREWS	USA	1:11.21	ANDREA DEVUONO	USA
4:41.91 DONNA JOHNSON	1:19.65	HAYLEY BIRD	GBR	28.48	IRINEL SOPTIREAN	GER	1:12.00	KATHERINE VEALE	GBR
4:44.31 KAREN CLIFTON	1:19.67	KIRSTEN BLUDAU	GER	28.69	VICKY WATSON	GBR	1:12.09	KAREN ANDREWS	USA
4:44.62 DEBORAH HAMILTON	1:19.77	A.BERTACCHE	ITA	28.70	CORRIN POPPS	USA	1:12.13	VIBEKE SWANSON	USA
4:46.66 SUSAN HILL	1:19.92	CLAUDIA WIESNER	GER	28.75	BETH SCHEIMANN	USA	1:12.15	DAWN HEWITT	USA
4:47.51 BETHANY WILLISTON	1:20.63	LOUISE MARTIN	USA	28.78	BARBARA FRAATZ	GER	1:12.22	MARTIE MCKINNEY	USA
4:49.95 KIRSTEN BUTLER	1:20.68	HEIDI BELL-WEST	GBR	28.81	S.REIBEL-OBERLE	GER	200 M. BACK		
4:52.10 HEATHER GRADY	200 M. BRST			28.87	NANCY RICHARDS	AUS	2:17.73	K.PIPES-NEILSEN	USA
4:53.53 SABINE SCHACKE	2:45.70	CHARLOTTE MUSTARD	GBR	100 M. FREE			2:21.26	DIANE GALLAS	USA
4:54.20 BIANCA STEINMETZ	2:51.58	HELEN WALSH	USA	59.02	K.PIPES-NEILSEN	USA	2:29.10	DAPHNE FUCHS	GER
800 M. FREE	2:53.47	H MORRIS-EYTON	RSA	59.51	PASCALE VERBAUWEN	BEL	2:31.03	SARAH GARRETT	GBR
9:28.85 KAREN CLIFTON	2:54.12	SUE FAWN	GBR	1:00.46	SARAH GARRETT	GBR	2:33.37	SARAH EAMES	GBR
9:33.11 DONNA JOHNSON	2:54.91	KEIKO OKAMOTO	JPN	1:00.50	SARAH EAMES	GBR	2:33.54	HIDEKA KOSHIMIZU	JPN
9:48.79 DEBORAH HAMILTON	2:55.53	JENNIFER RIDGE	USA	1:00.78	DIANE GALLAS	USA	2:34.55	DAWN HEWITT	USA
9:50.20 SUSAN HILL	2:55.90	IRIS KIPAR-WIRGS	GER	1:00.78	LISA HAZEN	USA	2:37.17	ANDREA DEVUONO	USA
9:57.45 BETHANY WILLISTON	2:56.23	LOUISE MARTIN	USA	1:01.75	CAROL OLSON	USA	2:37.21	KATHERINE VEALE	GBR
10:05.14 SABINE SCHACKE	2:56.37	CLAIRE DUFFY	GBR	1:01.92	DOROTHEA PIELKE	GER	2:37.68	E.MARESCA-ORTOF	USA
10:13.35 HEATHER GRADY	2:56.64	SUSANNE KUPER	GER	1:02.88	NANCY RICHARDS	AUS	50 M. BRST		
10:13.64 MICHELLE GHIGGERI	50 M. FLY			1:02.89	S.REIBEL-OBERLE	GER	35.85	S.SEMINATORE	ITA
10:18.58 A.NORRENBORG	28.74	MARJA PARSSINEN	FIN	1:02.89	TATIANA KALININA	RUS	36.03	JOANNE MINTON	GBR
10:24.03 BROOKE BOWMAN	29.63	CHIZUKO UMIGUCHI	JPN	200 M. FREE			36.10	K.PIPES-NEILSEN	USA
1500 M. FREE	29.64	MICHELLE DAVID	USA	2:06.80	K.PIPES-NEILSEN	USA	36.25	IRIS SCHLUETTER	GER
17:55.84 EVA MORTENSEN	29.67	MAXINE LOCK	GBR	2:12.45	LISA HAZEN	USA	36.78	IRINEL SOPTIREAN	GER
18:01.57 DONNA JOHNSON	29.73	JOANNE COLE	GBR	2:14.66	CAROL OLSON	USA	36.79	C.LAUTENBACHER	SUI
18:58.28 DEBORAH HAMILTON	29.96	JEANNETTE GUNSTON	GBR	2:15.99	JANE KLEINE	USA	37.01	MAUD ORLANDO	USA
19:53.01 BROOKE BOWMAN	29.96	CHRISTINE KOLLER	GER	2:16.27	MARTIE MCKINNEY	USA	37.11	MARTINA HOMEYER	GER
20:09.84 MARIA SCHEIBER	30.45	BARBARA PRANGER	USA	2:17.59	S.REIBEL-OBERLE	GER	37.29	KELLY RELLINGER	USA
20:28.97 KAREN DUGGAN	30.51	J.THOMPSON	GBR	2:18.84	BARBARA FRAATZ	GER	37.29	JACQUELINE WALSH	GBR
20:31.30 MELINDA YELTON	30.57	CORINA HEINE	GER	2:19.20	CAROLINE HORDEN	GBR	100 M. BRST		
21:12.18 TERESA SKILTON	100 M. FLY			2:20.52	FRANCOISE THEATE	BEL	1:19.57	B.HUNSDORFER	GER
21:19.64 JENNIFER JACOBS	1:04.67	CHIZUKO UMIGUCHI	JPN	2:20.65	INEKE HOND-RAN	NED	1:19.97	K.PIPES-NEILSEN	USA
21:28.50 THERESE DE MUNCK	1:05.29	JACKIE THOMPSON	GBR	400 M. FREE			1:20.51	IRIS SCHLUETTER	GER
50 M. BACK	1:06.77	CHRISTINE KOLLER	GER	4:28.76	K.PIPES-NEILSEN	USA	1:21.13	MAUD ORLANDO	USA
31.14 HELEN SLATTER	1:07.38	MAXINE LOCK	GBR	4:34.26	LISA HAZEN	USA	1:21.30	S.SEMINATORE	ITA
31.51 KATHARINE BRITTON	1:07.58	JOANNE COLE	GBR	4:35.81	KAREN BURTON	USA	1:21.33	CORRIN POPPS	USA
32.02 KYM BRYANT	1:08.17	CORINA HEINE	GER	4:44.06	JANE KLEINE	USA	1:21.33	BETH SCHEIMANN	USA
32.10 KITTY EDBROOKE	1:08.53	MARION BUCKLEY	GBR	4:50.50	DEBORAH ZIMIC	USA	1:21.96	MARTINA HOMEYER	GER
32.28 LENKA NEMECKOVA	1:08.90	PATRICIA BRITTO	BRA	4:51.06	C.FANZERES	BRA	1:22.02	WENDY FIGURES	GBR
32.39 CHRISTINE KOLLER	1:08.99	A.BILBROUGH-TOKAI	AUS	4:51.09	JUNE FORD	USA	1:22.28	JACQUELINE WALSH	GBR
32.76 MARGARET BOLIVER	1:09.20	CLAUDIA BROSIEN	GER	4:51.40	LYNNE LEE	GBR	200 M. BRST		
32.78 DYNE BURRELL	200 M. FLY			4:52.96	CAROLINE HORDEN	GBR	2:47.00	HIDEKA KOSHIMIZU	JPN



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2:50.80	B.HUNSDORFER	GER	100 M. FREE	2:41.35	REBECCA PERROTT	NZL	2:42.44	TERRI NATALI	USA
2:53.42	MEGAN SHERWOOD	AUS	59.71 KARIN SEICK	2:41.98	AROMA MARTORELL	BRA	2:42.54	CECILIA STANFORD	RSA
2:53.90	K.PIPES-NEILSEN	USA	59.72 S.NEILSON-BELL	2:42.77	LESLEY WEBB	GBR	2:42.81	AMY POPE	USA
2:55.00	MARZENA KULIS	ITA	1:00.86 LYNN MARSHALL	2:43.24	A.ZINGG-GEISER	SUI	2:43.42	GILLIAN SKIPPER	GBR
2:56.34	MAUD ORLANDO	USA	1:01.57 BETH KNIGHT	2:44.35	CECILIA STANFORD	RSA	2:43.83	SALLY MORGAN	USA
2:57.03	SILKE GODDE	GER	1:02.06 LESLEIGH MAYES	2:45.10	HEIKE PROCHAZKA	GER	400 M. I.M.		
2:57.38	BRITTA OLSCHOWKA	GER	1:02.69 CATHY SHONKWILER	2:45.17	PATTY LANDERS	USA	5:24.93	LYNN MARSHALL	CAN
2:57.73	ROSA KRAUSS	ITA	1:03.11 LINZI GAYWOOD	2:45.20	CLAUDIA ETTTELSON	USA	5:32.48	REBECCA PERROTT	NZL
2:57.81	ELIZABETH HOWARD	USA	1:03.25 JEANETTE BRITS	50 M. BRST			5:39.67	JANN GIRARD	USA
50 M. FLY			1:04.01 JENNY WHITELEY	35.60	DAGMAR HILBIG	GER	5:39.76	SUZANNE HEIM	USA
29.17	PASCALE VERBAUWEN	BEL	1:04.11 REBECCA PERROTT	36.66	A.GLYNNE-JONES	GBR	5:40.44	ROSELI SILVA	BRA
29.28	K.PIPES-NEILSEN	USA	200 M. FREE	36.92	ALISON NYE	GBR	5:48.31	B MILLS	RSA
30.37	MARTIE MCKINNEY	USA	2:12.45 KARIN SEICK	37.16	VERITY DOBBIE	GBR	5:48.84	AMY POPE	USA
30.99	CAROL OLSON	USA	2:13.02 LYNN MARSHALL	37.51	ANN WALLING	CAN	5:50.49	TERRI NATALI	USA
31.11	NANCY RICHARDS	AUS	2:14.66 REBECCA PERROTT	37.68	LINDA PHILLIPS	GBR	5:50.96	MARJA BLOEMZAAD	NED
31.13	VICKY WATSON	GBR	2:16.56 LESLEIGH MAYES	37.79	ELAINE LUFF	GBR	5:51.29	ESTHER ISEPPI	SUI
31.14	RUTH HORNE	CAN	2:16.91 SUZANNE HEIM	38.07	MAYSA AMADO	BRA			
31.20	LAURA COOKE	GBR	2:18.80 BETH KNIGHT	38.10	JENNY WHITELEY	AUS	*****		
31.22	KATHERINE VEALE	GBR	2:19.14 JEANETTE BRITS	38.18	ELENA RECHETOVA	RUS	*****		
31.27	DONNA O'DONNELL	AUS	2:19.97 BARBARA GELLRICH	100 M. BRST			*****		
31.27	UTE PETERS	GER	2:20.09 ROSELI SILVA	1:18.30	DAGMAR HILBIG	GER	50 M. FREE		
100 M. FLY			2:20.36 CATHY SHONKWILER	1:21.47	A.GLYNNE-JONES	GBR	27.39	S.NEILSON-BELL	USA
1:04.43	K.PIPES-NEILSEN	USA	400 M. FREE	1:22.19	ALISON NYE	GBR	28.53	LAURA VAL	USA
1:04.80	PASCALE VERBAUWEN	BEL	4:39.70 LYNN MARSHALL	1:22.51	ANN WALLING	CAN	28.93	JANE ZIEGLER	USA
1:05.96	MARTIE MCKINNEY	USA	4:40.14 BETH KNIGHT	1:22.70	ELAINE LUFF	GBR	29.26	KARLENE WISE	USA
1:09.55	MARZENA KULIS	ITA	4:43.11 SUZANNE HEIM	1:22.89	VERITY DOBBIE	GBR	29.60	MARYANNE KEEVER	USA
1:10.03	CAROL OLSON	USA	4:47.15 REBECCA PERROTT	1:23.55	ELENA RECHETOVA	RUS	29.92	ANN URSCHER	USA
1:10.10	DANIELA DE PONTI	ITA	4:51.65 LESLEIGH MAYES	1:23.94	GLENISE GALE	AUS	30.18	DANIELLE OGIER	USA
1:10.26	UTE PETERS	GER	4:52.74 ROSELI SILVA	1:23.97	LINDA PHILLIPS	GBR	30.41	YURI SUETSUGU	JPN
1:10.37	NANCY RICHARDS	AUS	4:55.37 JEANETTE BRITS	1:24.80	AMANDA HEATH	GBR	30.57	R TOWNSEND	RSA
1:10.77	SUSAN MENDEZ	USA	4:55.52 CATHY SHONKWILER	200 M. BRST			30.85	MARY LIOTTA	USA
1:10.90	KATHERINE VEALE	GBR	4:55.62 AMY POPE	2:50.66	DAGMAR HILBIG	GER	100 M. FREE		
200 M. FLY			4:57.86 GLENISE GALE	2:58.97	HIROKO ISHII	JPN	1:00.63	S.NEILSON-BELL	USA
2:20.12	K.PIPES-NEILSEN	USA	800 M. FREE	2:59.58	ANN WALLING	CAN	1:02.42	LAURA VAL	USA
2:23.84	HIDEKA KOSHIMIZU	JPN	9:31.44 LYNN MARSHALL	2:59.89	VERITY DOBBIE	GBR	1:03.65	MARYANNE KEEVER	USA
2:33.04	KAREN BURTON	USA	9:42.82 SUZANNE HEIM	3:01.09	ELENA RECHETOVA	RUS	1:04.37	DANIELLE OGIER	USA
2:35.34	PENNY BOND	AUS	9:54.03 ROSELI SILVA	3:01.36	A.GLYNNE-JONES	GBR	1:04.53	JANE ZIEGLER	USA
2:38.91	BEATRIZ SILVA	BRA	10:11.74 AMY POPE	3:01.99	GLENISE GALE	AUS	1:04.92	KARLENE WISE	USA
2:40.23	NANCY ROSE	USA	10:19.96 BARBARA GELLRICH	3:02.37	JANN GIRARD	USA	1:05.19	R TOWNSEND	RSA
2:40.23	BRITTA TEPE	GER	10:23.07 KAREN ELLY	3:02.46	AMANDA HEATH	GBR	1:06.52	JULIE WYNN	USA
2:42.63	C.FANZERES	BRA	10:23.76 CLAIRE REABURN	3:02.53	ELAINE LUFF	GBR	1:06.84	SUSAN SKIFF	USA
2:42.66	LORI O'HARA	CAN	10:25.42 CLAIRE FERGUSON	50 M. FLY			1:07.30	HEATHER CAMPBELL	RSA
2:43.35	UTE PETERS	GER	10:29.07 A.ZINGG-GEISER	30.43	CATHY SHONKWILER	USA	200 M. FREE		
200 M. I.M.			10:31.89 CATHY SHONKWILER	30.54	THERESA VILLA	USA	2:17.64	S.NEILSON-BELL	USA
2:23.12	K.PIPES-NEILSEN	USA	1500 M. FREE	30.96	BARBARA GELLRICH	GER	2:18.05	LAURA VAL	USA
2:26.74	HIDEKA KOSHIMIZU	JPN	18:07.43 LYNN MARSHALL	31.36	JEANETTE BRITS	AUS	2:20.90	DANIELLE OGIER	USA
2:28.27	SARAH GARRETT	GBR	18:33.35 SUZANNE HEIM	31.50	TERRI NATALI	USA	2:25.40	SUSAN SKIFF	USA
2:29.63	SARAH EAMES	GBR	18:58.15 LESLEIGH MAYES	31.75	CAREN MC NAMARA	USA	2:25.58	JULIE WYNN	USA
2:35.26	DOROTHEA PIELKE	GER	19:13.09 AMY POPE	31.83	LYNN MARSHALL	CAN	2:26.55	MARYANNE KEEVER	USA
2:35.38	KATHERINE VEALE	GBR	19:38.61 CLAIRE REABURN	31.87	DAGMAR HILBIG	GER	2:27.04	KARLENE WISE	USA
2:37.08	DEBORAH ZIMIC	USA	19:50.91 CATHY SHONKWILER	31.89	MARIE SADLER	GBR	2:28.50	JAYNE BALL	GBR
2:37.23	MARZENA KULIS	ITA	19:57.63 PEGGY KRATZ	31.90	SHELDIA DORNEY	AUS	2:31.13	SALLY MILLS	GBR
2:37.59	E.MARESCA-ORTOF	USA	20:07.60 MARGUERITE MEYER	100 M. FLY			2:31.55	DEBBIE FLANSBURG	USA
2:37.74	S.REIBEL-OBERLE	GER	20:14.34 MAGGIE HOPPER	1:07.70	REBECCA PERROTT	NZL	400 M. FREE		
400 M. I.M.			20:21.66 GLENISE GALE	1:08.45	KARIN SEICK	GER	5:03.12	DANIELLE OGIER	USA
5:03.97	K.PIPES-NEILSEN	USA	50 M. BACK	1:08.48	LYNN MARSHALL	CAN	5:12.46	KARIN MILGER	GER
5:21.19	CORNELIA BLEUL	GER	32.93 KARIN SEICK	1:09.15	BARBARA GELLRICH	GER	5:13.59	DEBBIE FLANSBURG	USA
5:23.71	SARAH GARRETT	GBR	33.75 CATHY SHONKWILER	1:09.94	CATHY SHONKWILER	USA	5:15.68	JAYNE BALL	GBR
5:25.19	SARAH EAMES	GBR	34.01 AROMA MARTORELL	1:10.96	TERRI NATALI	USA	5:17.32	LORI WATSON	AUS
5:26.97	DAPHNE FUCHS	GER	34.25 LESLEY WEBB	1:11.48	MARIE SADLER	GBR	5:22.35	SALLY MILLS	GBR
5:33.56	DEBORAH ZIMIC	USA	34.32 IRINA NETCHAEVA	1:11.60	JEANETTE BRITS	AUS	5:22.50	DENISE EVERITT	USA
5:34.47	PENNY BOND	AUS	34.66 KRISTIN JONES	1:11.88	RENAME CHRIST	GER	5:24.22	KATHI BULLOCK	USA
5:34.59	E.MARESCA-ORTOF	USA	34.75 A.ZINGG-GEISER	1:12.04	SUZANNE HEIM	USA	5:25.56	C DAVIE	RSA
5:34.76	CECILE CHAGNAUD	FRA	34.79 MIYUKI UEDA	200 M. FLY			5:26.57	KATHIE COVARD	USA
5:35.09	B.HUNSDORFER	GER	34.82 MASAKO KANEKO	2:32.53	LYNN MARSHALL	CAN	800 M. FREE		
			34.82 MONICA BAILEY	2:33.19	REBECCA PERROTT	NZL	10:48.32	DANIELLE OGIER	USA
*****			100 M. BACK	2:38.92	BARBARA GELLRICH	GER	10:53.15	DEBBIE FLANSBURG	USA
*****			1:09.88 KARIN SEICK	2:41.49	SUZANNE HEIM	USA	10:54.34	KARIN MILGER	GER
*****			1:14.44 CATHY SHONKWILER	2:45.43	RENAME CHRIST	GER	10:54.70	JAYNE BALL	GBR
50 M. FREE			1:14.64 LESLEY WEBB	2:46.51	LINDA PHILLIPS	GBR	10:59.06	DENISE EVERITT	USA
26.68	S.NEILSON-BELL	USA	1:14.93 LESLEY WILDE	2:48.04	AMY POPE	USA	11:06.07	JULIE WYNN	USA
28.53	LESLEIGH MAYES	AUS	1:15.08 AROMA MARTORELL	2:49.27	STELLA MEYLER	IRL	11:08.92	SALLY MILLS	GBR
28.65	CATHY SHONKWILER	USA	1:15.86 A.ZINGG-GEISER	2:49.37	CYNTHIA HYLAND	USA	11:13.08	E HATTINGH	RSA
28.79	JENNY WHITELEY	AUS	1:15.97 KRISTIN JONES	2:53.02	GERTI WALLENTIN	GER	11:13.83	BARBARA HALSEY	GBR
28.97	LINZI GAYWOOD	GBR	1:16.35 AVRIL JENNINGS	200 M. I.M.			11:17.76	C DAVIE	RSA
28.98	LYNN MARSHALL	CAN	1:16.54 UTE CIMDINS	2:29.17	KARIN SEICK	GER	1500 M. FREE		
29.03	BARBARA GELLRICH	GER	1:16.67 PATTY LANDERS	2:34.51	REBECCA PERROTT	NZL	20:19.32	DANIELLE OGIER	USA
29.05	BETH KNIGHT	USA	200 M. BACK	2:36.34	LYNN MARSHALL	CAN	20:22.30	VICTORIA TRACY	USA
29.19	BUSSEY-MCKEITHEN	USA	2:34.73 LYNN MARSHALL	2:39.47	JANN GIRARD	USA	20:54.62	DENISE EVERITT	USA
29.20	ALISON NYE	GBR	2:39.82 LESLEY WILDE	2:40.78	BARBARA GELLRICH	GER	21:05.53	PHYLLIS QUINN	USA



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21:29.03	KARLENE WISE	USA	33.01	SUSAN SKIFF	USA	2:33.42	P.KAWAKAMI	USA	41.22	ELIANA MACIA	BRA
21:39.78	CATHY SCHULBACH	USA	33.09	ELAINE FINCHAM	USA	2:34.29	LINDSAY POWELL	GBR	41.22	DALE BARNHARD	USA
21:45.43	KATHIE COVARD	USA	33.11	DEBBIE FLANSBURG	USA	2:35.77	MARGARETA RAINER	SWE	100 M.	BRST	
21:56.78	ROSANNA SIKORA	USA	100 M.	FLY		2:36.10	LORRAINE KENT	NZL	1:25.94	SHIRLEY TURNER	RSA
21:57.10	SHERRY KITTRELL	USA	1:08.60	LAURA VAL	USA	400 M.	FREE		1:26.28	DEBORAH WALKER	USA
21:57.63	GAYLE BENTY	USA	1:09.87	S.NEILSON-BELL	USA	5:03.28	BARBARA DUNBAR	USA	1:26.60	A.WRIGHT-BELKNAP	USA
50 M.	BACK		1:11.07	DEBBIE FLANSBURG	USA	5:07.25	NANCY FISHER	USA	1:26.73	YVONNE CATTRALL	CAN
33.61	MARYANNE KEEVER	USA	1:12.44	SUSAN SKIFF	USA	5:09.14	DIANA FOSTER	CAN	1:28.05	CHRISTIANE HEEREN	GER
34.08	NANCY RENO	USA	1:12.67	MARYANN STEVENS	USA	5:14.64	CELESTE MILLER	USA	1:28.72	JENNIFER MERRITT	GBR
34.88	JANE ZIEGLER	USA	1:13.30	SALLY MILLS	GBR	5:27.58	CONNY BOER-BUYS	NED	1:28.86	BRENDA CASEY	AUS
34.98	ANN GUINS	USA	1:13.80	MELINDA MANN	USA	5:28.57	P.KAWAKAMI	USA	1:29.56	EMMA GIER	GER
35.18	EVELYN LYNCH	USA	1:14.28	KARLENE WISE	USA	5:30.25	LINDSAY POWELL	GBR	1:30.47	ELIANA MACIA	BRA
35.18	DIANA TURNER	GBR	1:15.40	R TOWNSEND	RSA	5:33.05	DEBORAH WALKER	USA	1:30.82	BRIGITTE KUHL	GER
35.55	CAROL PFLUGHEBER	USA	1:16.12	HETTY DE ROOIJ	NED	5:33.06	LORRAINE KENT	NZL	200 M.	BRST	
35.71	BARBARA STUBBE	GER	200 M.	FLY		5:35.33	ANN LYTTLE	USA	3:05.29	DEB WALKER	USA
36.02	LORRAINE SMITH	GBR	2:37.02	DEBBIE FLANSBURG	USA	800 M.	FREE		3:07.89	SHIRLEY TURNER	RSA
36.61	JULIE LOWE	GBR	2:45.53	SUSAN SKIFF	USA	10:24.14	BARBARA DUNBAR	USA	3:10.50	A.WRIGHT-BELKNAP	USA
100 M.	BACK		2:46.78	SALLY MILLS	GBR	10:50.20	NANCY FISHER	USA	3:11.42	BEA POOL	NED
1:11.63	MARYANNE KEEVER	USA	2:52.75	CLAUDIA KOCH	GER	11:17.74	SUSI CHANDLER	USA	3:11.56	JENNIFER MERRITT	GBR
1:13.07	LAURA VAL	USA	2:56.10	ELAINE FINCHAM	USA	11:24.92	LINDSAY POWELL	GBR	3:12.45	BRENDA CASEY	AUS
1:14.23	JANE ZIEGLER	USA	2:57.07	KARIN MILGER	GER	11:27.69	P.KAWAKAMI	USA	3:13.02	CHRISTIANE HEEREN	GER
1:14.39	NANCY RENO	USA	3:00.82	DENISE EVERITT	USA	11:40.90	ANN LYTTLE	USA	3:13.94	ANNE CORK	GBR
1:16.15	DIANA TURNER	GBR	3:01.67	GUDRUN VOLLSTADT	GER	11:45.11	SALLY DILLON	USA	3:15.25	YOLANDE DUBUISSON	BEL
1:16.65	R TOWNSEND	RSA	3:07.25	SUSAN CURE	AUS	11:46.64	MARISSA ROLLNICK	RSA	3:15.71	ELISABETH REINEKE	GER
1:17.16	EVELYN LYNCH	USA	3:07.31	M VD WALT	RSA	11:55.00	SANDRA O'NEIL	GBR	50 M.	FLY	
1:18.16	BARBARA STUBBE	GER	200 M.	I.M.		12:01.62	PAULINE BUTCHER	GBR	31.42	CONNY BOER-BUYS	NED
1:18.31	KARLEEN WISE	USA	2:38.18	S.NEILSON-BELL	USA	1500 M.	FREE		32.43	S.PLATT-ROGERS	GBR
1:18.52	S. NEILSON-BELL	USA	2:40.19	DANIELLE OGIER	USA	19:50.16	BARBARA DUNBAR	USA	32.74	CONSUELO GRATER	GER
200 M.	BACK		2:43.47	MARYANNE KEEVER	USA	20:13.44	NANCY FISHER	USA	32.79	LIZ RUTHERFORD	GBR
2:37.75	MARYANNE KEEVER	USA	2:46.44	HEATHER CAMPBELL	RSA	21:28.74	P.KAWAKAMI	USA	33.74	C.NIEUWENHUIS	NED
2:43.25	LAURA VAL	USA	2:48.82	MARYANN STEVENS	USA	22:06.03	MARCIA BARRY	USA	33.75	R.BRITTINGHAM	USA
2:43.82	JANE ZIEGLER	USA	2:49.78	NANCY RENO	USA	22:26.42	LINDSAY POWELL	GBR	33.78	PATRICIA LEGGE	GBR
2:43.87	R TOWNSEND	RSA	2:49.99	LORRAINE SMITH	GBR	22:38.39	MIREILLE RICHTER	SUI	34.53	R.SCHEIDEGGER-KUN	SUI
2:45.02	NANCY RENO	USA	2:50.93	SWICZINSKY-KORDES	GER	22:49.88	CATHERINE QUILL	USA	34.68	MARILYN EARP	AUS
2:50.56	MARYANN STEVENS	USA	2:52.42	EVELYN LYNCH	USA	22:51.87	CATHY MANCINO	USA	34.93	BARBARA DUNBAR	USA
2:50.65	BARBARA STUBBE	GER	2:52.97	LORI WATSON	AUS	23:25.61	KATHRINE CASEY	USA	100 M.	FLY	
2:54.47	KATHY BIDNALL	GBR	400 M.	I.M.		23:27.16	ANNE PAGE	USA	1:13.68	CONNY BOER-BUYS	NED
2:54.66	DENISE KIRWAN	USA	5:52.01	DANIELLE OGIER	USA	50 M.	BACK		1:15.35	BARBARA DUNBAR	USA
2:55.12	LORRAINE SMITH	GBR	6:04.68	JAYNE BALL	GBR	34.31	NANCY FISHER	USA	1:17.27	CONSUELO GRATER	GER
50 M.	BRST		6:06.78	KARIN MILGER	GER	34.59	BENEDICTE DUPREZ	FRA	1:18.34	MARILYN EARP	AUS
35.88	DAGMAR FRESE	GER	6:07.41	LORI WATSON	AUS	35.31	S.PLATT-ROGERS	GBR	1:18.51	C.NIEUWENHUIS	NED
37.11	JULIE LOWE	GBR	6:08.98	LORRAINE SMITH	GBR	36.16	MICHIKO KIHARA	JPN	1:19.50	ANNE CORK	GBR
37.41	NAOMI HEIMBACH	JPN	6:13.54	GUDRUN VOLLSTADT	GER	36.99	MARILYN EARP	AUS	1:20.86	R.BRITTINGHAM	USA
38.09	MELINDA MANN	USA	6:18.27	KARLENE WISE	USA	36.99	ANNE CORK	GBR	1:20.87	S.MORCHE-BLOCH	GER
38.74	DEB WALKER	USA	6:20.08	MARY ANNE STANN	CAN	37.02	TAKAKO NAKAHARA	JPN	1:21.01	BERNICE WILKINS	GBR
39.02	JUDY TIBMA	USA	6:20.99	PHYLLIS QUINN	USA	37.70	MARILYN BROWN	GBR	1:21.09	LIZ RUTHERFORD	GBR
39.14	ULRIKE URBANIAK	GER	6:21.27	DENISE EVERITT	USA	37.81	STEFFI SOLLNER	GER	200 M.	FLY	
39.47	CARMEN CORRES	ESP				38.23	DONNA DALZELL	AUS	2:42.08	BARBARA DUNBAR	USA
39.61	LINDA CORCORAN	GBR	*****			100 M.	BACK		3:00.85	CATHY MANCINO	USA
39.81	DANIELLE OGIER	USA	*****	WOMEN 45-49		1:15.14	BENEDICTE DUPREZ	FRA	3:03.62	LESLEY GOUGH	AUS
100 M.	BRST		*****			1:16.35	S.PLATT-ROGERS	GBR	3:03.69	S.MORCHE-BLOCH	GER
1:18.57	DAGMAR FRESE	GER	50 M.	FREE		1:18.08	ANNE CORK	GBR	3:12.52	CATHERINE QUILL	USA
1:22.15	ULRIKE URBANIAK	GER	29.29	CONNY BOER-BUYS	NED	1:21.19	MARILYN EARP	AUS	3:13.49	SANDRA BRAY	NZL
1:24.04	MELINDA MANN	USA	29.90	NANCY FISHER	USA	1:23.38	DONNA DALZELL	AUS	3:14.08	PAULINE BUTCHER	GBR
1:24.94	JULIE LOWE	GBR	30.02	C.NIEUWENHUIS	NED	1:24.13	JONELLE SCHMIDT	USA	3:15.75	R.BRITTINGHAM	USA
1:25.27	JUDY TIBMA	USA	30.41	PATRICIA LEGGE	GBR	1:24.42	CONNY BOER-BUYS	NED	3:23.44	M.JANNEKEYN	FRA
1:26.70	NAOMI HEIMBACH	JPN	30.72	R.BRITTINGHAM	USA	1:24.58	JAN JEFFREY	AUS	3:24.83	HELEN LAWLESS	RSA
1:27.04	MARY LEE	IRL	31.70	JONELLE SCHMIDT	USA	1:24.63	JEANNIE MITCHELL	USA	200 M.	I.M.	
1:27.22	DEB WALKER	USA	31.74	S.PLATT-ROGERS	GBR	1:25.55	WALTRAUD BILKER	GER	2:48.90	PATRICIA LEGGE	GBR
1:27.36	PETRA SCHROER	GER	32.06	S KRUGER	RSA	200 M.	BACK		2:50.20	CONSUELO GRATER	GER
1:27.38	DANIELLE OGIER	USA	32.10	BRENDA CASEY	AUS	2:43.60	BENEDICTE DUPREZ	FRA	2:50.35	ANNE CORK	GBR
200 M.	BRST		32.11	MICHIKO KIHARA	JPN	2:44.19	NANCY FISHER	USA	2:53.46	BARBARA DUNBAR	USA
2:56.17	DAGMAR FRESE	GER	100 M.	FREE		2:47.09	ANNE CORK	GBR	2:54.28	CELESTE MILLER	USA
2:56.65	ULRIKE URBANIAK	GER	1:04.79	CONNY BOER-BUYS	NED	2:56.69	TAKAKO NAKAHARA	JPN	2:54.94	DEB WALKER	USA
3:03.70	JUDY TIBMA	USA	1:07.36	CONSUELO GRATER	GER	2:57.97	MARILYN EARP	AUS	2:58.45	LIZ RUTHERFORD	GBR
3:06.12	GAYLE BENTY	USA	1:07.75	C.NIEUWENHUIS	NED	2:58.12	SANDRA O'NEIL	GBR	3:00.47	SANDRA O'NEIL	GBR
3:06.75	MELINDA MANN	USA	1:08.39	R.BRITTINGHAM	USA	2:59.18	KENNIE OLSSON	SWE	3:01.28	MARILYN EARP	AUS
3:07.74	DANIELLE OGIER	USA	1:08.60	PATRICIA LEGGE	GBR	3:03.39	DONNA DALZELL	AUS	3:01.92	JONELLE SCHMIDT	USA
3:07.97	PETRA SCHROER	GER	1:08.91	BARBARA DUNBAR	USA	3:03.93	N.MIKHALLOVA	RUS	400 M.	I.M.	
3:09.37	MARY LEE	IRL	1:08.91	CELESTE MILLER	USA	3:04.67	JAN JEFFREY	AUS	5:53.25	BARBARA DUNBAR	USA
3:10.35	BARBARA HALSEY	GBR	1:09.71	P.KAWAKAMI	USA	50 M.	BRST		6:09.70	ANNE CORK	GBR
3:11.01	GUDRUN VOLLSTADT	GER	1:09.81	S.PLATT-ROGERS	GBR	38.54	A.WRIGHT-BELKNAP	USA	6:14.09	KENNIE OLSSON	SWE
50 M.	FLY		1:09.87	LIZ RUTHERFORD	GBR	38.91	DEBORAH WALKER	USA	6:22.87	SUSI CHANDLER	USA
31.87	MELINDA MANN	USA	200 M.	FREE		39.07	SHIRLEY TURNER	RSA	6:25.23	P.KAWAKAMI	USA
32.01	KARLENE WISE	USA	2:22.85	BARBARA DUNBAR	USA	39.45	YVONNE CATTRALL	CAN	6:31.68	NANCY FISHER	USA
32.28	MARYANNE KEEVER	USA	2:26.40	NANCY FISHER	USA	39.75	CHRISTIANE HEEREN	GER	6:31.89	STEPHANIE WALSH	USA
32.71	MARYANN STEVENS	USA	2:28.18	CONNY BOER-BUYS	NED	39.75	BRENDA CASEY	AUS	6:32.31	TAKAKO NAKAHARA	JPN
32.86	CAROL PFLUGHEBER	USA	2:28.76	CELESTE MILLER	USA	39.89	EMMA GIER	GER	6:34.73	MARGARETA RAINER	SWE
32.93	DIANA TURNER	GBR	2:29.72	CONSUELO GRATER	GER	40.30	BRIGITTE KUHL	GER	6:38.59	CATHY MANCINO	USA
32.94	H CAMPBELL	RSA	2:29.86	PATRICIA LEGGE	GBR	41.06	JENNIFER MERRITT	GBR			



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*****				100 M. BACK	3:31.81	HANNELORE ROSE	GER	12:12.54	JILL COMPLIN	GBR			
WOMEN 50-54				1:24.63	JEANNIE MITCHELL	USA	3:35.82	IRENE DAVID	USA	12:33.26	CLAIRE O'DWYER	IRL	
*****				1:25.48	SUSANA BARKLEY	ESP	3:37.01	M.HELENA PADILLA	BRA	12:38.10	MARGA SCHULZE	GER	
50 M. FREE				1:25.54	BONNIE PRONK	CAN	3:39.65	MARY POHLMANN	USA	12:48.02	SUSAN LEUNER	RSA	
30.10	CAROL FELLOWS	GBR		1:25.57	EVELYN HAUSBERGER	USA	3:39.92	KAZUKO YAMADA	JPN	12:55.09	BETSY JORDAN	USA	
30.91	JENNIFER GRACE	AUS		1:25.77	BETTY BENNETT	USA	3:40.31	LESLEY MEANEY	AUS	13:02.20	REIKO ISHIZAKI	JPN	
30.94	NANCY RIDOUT	USA		1:26.18	BRIGITTE MERTEN	GER	3:43.06	MARSHA HEINIG	USA	13:04.23	CLAIRE O'BRIEN	USA	
31.18	JUDY WILSON	GBR		1:26.26	HELEN TRIPPE	GBR	3:44.14	BEVERLEY BYERS	AUS	13:05.42	ANNE KREISEL	GER	
31.33	CAROLYN BOAK	USA		1:28.07	MARY POHLMANN	USA	200 M. I.M.			13:12.55	ALISON LEACH	NZL	
31.52	SUSANA BARKLEY	ESP		1:28.79	LINDA SKIRTON	GBR	2:52.11	BRIGITTE MERTEN	GER	1500 M. FREE			
32.12	CYNTHIA O'HARE	USA		1:28.97	GISELA CSEKO	AUT	2:58.40	CAROLYN BOAK	USA	25:18.75	BETSY JORDAN	USA	
32.39	JEN THOMASSON	AUS		200 M. BACK			2:58.79	JEN THOMASSON	AUS	25:31.34	ALISON LEACH	NZL	
32.58	GINGER PIERSON	USA		2:55.22	SATOKO TAKEUJI	JPN	2:59.39	CAROL FELLOWS	GBR	25:43.16	ERDA DILLINGER	CAN	
32.88	ANNE JONES	RSA		3:01.45	BRIGITTE MERTEN	GER	3:03.41	SUSANA BARKLEY	ESP	26:34.59	SUSAN LIVINGSTON	USA	
100 M. FREE				3:04.77	BONNIE PRONK	CAN	3:05.99	P.HARRINGTON	GBR	26:46.94	C. SCHREIBER	GER	
1:07.34	CAROL FELLOWS	GBR		3:07.35	EVELYN HAUSBERGER	USA	3:07.63	GINGER PIERSON	USA	26:55.40	SANDRA KINGDON	USA	
1:09.47	JUDY WILSON	GBR		3:07.48	JEN THOMASSON	AUS	3:08.26	BONNIE PRONK	CAN	27:01.91	BARBARA ZAREMSKI	USA	
1:10.34	CAROLYN BOAK	USA		3:08.27	JEANNIE MITCHELL	USA	3:08.94	ANNE JONES	RSA	27:08.53	NANCELYN ROSS	CAN	
1:11.04	SUSANA BARKLEY	ESP		3:09.44	MARY POHLMANN	USA	3:10.01	HANNELORE ROSE	GER	27:15.26	SUSANNE NEUHAUS	GER	
1:11.89	SALLY DILLON	USA		3:11.88	BETTY BENNETT	USA	400 M. I.M.			27:27.45	SUSAN SPRINGER	USA	
1:11.94	NANCY RIDOUT	USA		3:13.07	JANE KATZ	USA	6:18.29	BRIGITTE MERTEN	GER	50 M. BACK			
1:12.34	BRIGITTE MERTEN	GER		3:13.18	ELAINE BLOWER	GBR	6:20.95	CAROLYN BOAK	USA	36.77	MARGARET WILDING	GBR	
1:12.61	JENNIFER GRACE	AUS		50 M. BRST			6:49.09	HANNELORE ROSE	GER	37.00	SILVANA ABREU	BRA	
1:13.24	JEN THOMASSON	AUS		39.18	BONNIE PRONK	CAN	6:49.41	ELAINE BROMWICH	USA	38.92	BETSY JORDAN	USA	
1:13.37	ANNE JONES	RSA		39.82	CAROLYN BOAK	USA	6:52.98	GINGER PIERSON	USA	39.56	CHRISTEL SCHULZ	GER	
200 M. FREE				40.00	GINGER PIERSON	USA	6:57.46	JACKIE MARR	USA	39.80	WENDY ROSSER	RSA	
2:34.71	CAROLYN BOAK	USA		40.50	MONIKA SENFTLEBEN	GER	7:01.83	MARY POHLMANN	USA	40.56	ROTRAUD PALMER	GBR	
2:36.62	BRIGITTE MERTEN	GER		40.89	ELAINE BROMWICH	GBR	7:01.93	JUDY ALDEN	GBR	40.94	SYLVIA BRAMHAM	GBR	
2:40.10	JEN THOMASSON	AUS		41.19	DIANE FORD	GBR	7:02.70	BETTY BENNETT	USA	41.27	YOSHIKO OSAKI	JPN	
2:41.51	SALLY DILLON	USA		41.44	P.HARRINGTON	GBR	7:03.60	BEVERLEY BYERS	AUS	41.83	HEATHER JONES	AUS	
2:42.40	NANCY RIDOUT	USA		41.63	PAT KINGSLEY	GBR				42.49	BRENDA WALKER	GBR	
2:43.78	PENNY WEBSTER	GBR		41.64	HANNELORE ROSE	GER	*****				100 M. BACK		
2:44.31	JUDY WILSON	GBR		42.60	DANA REIMOVA	ITA	WOMEN 55-59				1:21.41	SILVANA ABREU	BRA
2:44.74	ANNE JONES	RSA		100 M. BRST			*****				1:24.73	MARGARET WILDING	GBR
2:47.59	JACKIE MARR	USA		1:29.56	ELAINE BROMWICH	GBR	50 M. FREE			1:25.81	BETSY JORDAN	USA	
2:49.62	EVELYN HAUSBERGER	USA		1:29.76	DIANE FORD	GBR	32.04	CLAIRE O'DWYER	IRL	1:29.03	WENDY ROSSER	RSA	
400 M. FREE				1:29.83	P.HARRINGTON	GBR	32.48	CHRISTEL SCHULZ	GER	1:29.88	YOSHIKO OSAKI	JPN	
5:32.92	JEN THOMASSON	AUS		1:29.84	BONNIE PRONK	CAN	33.44	YOSHIKO OSAKI	JPN	1:32.70	BRENDA WALKER	GBR	
5:33.03	CAROLYN BOAK	USA		1:30.64	GINGER PIERSON	USA	34.28	J.EVELYN ASTI	ITA	1:34.51	ULLA KASTNER	GER	
5:48.16	ANNE JONES	RSA		1:31.93	HANNELORE ROSE	GER	34.58	SILVANA ABREU	BRA	1:34.95	ANNE WILSON	NZL	
5:53.49	PENNY WEBSTER	GBR		1:32.82	PAT KINGSLEY	GBR	34.80	JAYNE LAMBKE	USA	1:35.38	HEATHER JONES	AUS	
5:56.37	JUDY WILSON	GBR		1:33.01	MONIKA SENFTLEBEN	GER	34.97	SYLVIA BRAMHAM	GBR	1:35.64	INGRID LANGE	GER	
5:56.79	NANCY RIDOUT	USA		1:33.58	CAROLYN BOAK	USA	35.10	JILL COMPLIN	GBR	200 M. BACK			
6:02.55	JACKIE MARR	USA		1:33.68	VLASTA OEHL	GER	35.23	MARGA SCHULZE	GER	3:00.24	SILVANA ABREU	BRA	
6:05.19	LYNETTE BURBIDGE	AUS		200 M. BRST			35.28	FUSAKO HIROOKA	JPN	3:08.24	MARGARET WILDING	GBR	
6:06.35	GERDA WILLIAMS	AUS		3:12.07	P.HARRINGTON	GBR	100 M. FREE			3:09.76	BETSY JORDAN	USA	
6:07.26	ANN SVANSON	USA		3:15.36	JEN THOMASSON	AUS	1:12.04	CLAIRE O'DWYER	IRL	3:14.04	YOSHIKO OSAKI	JPN	
800 M. FREE				3:15.68	BONNIE PRONK	CAN	1:12.64	YOSHIKO OSAKI	JPN	3:21.10	ULLA KASTNER	GER	
11:34.49	JEN THOMASSON	AUS		3:16.71	ELAINE BROMWICH	USA	1:13.41	SILVANA ABREU	BRA	3:21.95	WENDY ROSSER	RSA	
11:45.11	SALLY DILLON	USA		3:17.15	CAROLYN BOAK	USA	1:15.27	CHRISTEL SCHULZ	GER	3:28.92	ANNE WILSON	NZL	
12:01.56	ANNE JONES	RSA		3:17.72	GINGER PIERSON	USA	1:15.32	WENDY ROSSER	RSA	3:29.76	HEATHER JONES	AUS	
12:06.28	PENNY WEBSTER	GBR		3:17.97	HANNELORE ROSE	GER	1:17.89	JAYNE LAMBKE	USA	3:29.96	INGRID LANGE	GER	
12:16.24	SARAH BROUGHER	USA		3:18.06	DIANE FORD	GBR	1:18.10	JILL COMPLIN	GBR	3:31.40	MARGA SCHULZE	GER	
12:22.68	JUDY WILSON	GBR		3:19.10	ANNEGRET VOLCKER	GER	1:19.37	SUSAN LEUNER	RSA	50 M. BRST			
12:29.91	NANCY RIDOUT	USA		3:26.70	VLASTA OEHL	GER	1:19.46	MARGA SCHULZE	GER	41.47	ROTRAUD PALMER	GBR	
12:32.42	ANN SVANSON	USA		50 M. FLY			1:20.22	KUNIE MAEDA	JPN	42.22	JOANN LEILICH	USA	
12:33.47	LESLEY MEANEY	AUS		32.80	CAROL FELLOWS	GBR	200 M. FREE			43.65	CHRISTINE PERFECT	GBR	
12:36.94	ELAINE BLOWER	GBR		33.56	JUDY WILSON	GBR	2:41.61	YOSHIKO OSAKI	JPN	44.28	SALLY NEWELL	USA	
1500 M. FREE				34.84	SUSANA BARKLEY	ESP	2:51.40	MARGA SCHULZE	GER	44.76	CLAIRE O'DWYER	IRL	
21:46.37	JEN THOMASSON	AUS		35.05	CAROLYN BOAK	USA	2:52.93	JAYNE LAMBKE	USA	44.80	INGRID LUNING	GER	
23:25.47	SARAH BROUGHER	USA		35.08	SARAH BROUGHER	USA	2:54.32	EDNA DE SARACHO	MEX	44.83	GLORIA HARDY	AUS	
23:27.50	ANN SVANSON	USA		35.80	NANCY RIDOUT	USA	2:54.67	JILL COMPLIN	GBR	44.96	HELGA KARLISCH	GER	
23:44.19	BARBARA FRID	USA		36.91	HARRIET BERGER	GER	2:54.92	SUSAN LEUNER	RSA	45.10	GABRIELLA TUCCI	ITA	
24:03.98	JACKIE MARR	USA		36.94	SEIKO KAWATA	JPN	2:57.64	ANNE KREISEL	GER	45.14	E.VAHMEIJER-LOSK	NED	
24:07.81	ROBYN EAST	NZL		37.05	BRIGITTE MERTEN	GER	2:58.55	REIKO KOGA	JPN	100 M. BRST			
24:15.72	ELAINE BLOWER	GBR		37.11	BARBARA FRID	USA	2:59.45	ALISON LEACH	NZL	1:31.05	ROTRAUD PALMER	GBR	
24:42.46	PATRICIA DAVIS	CAN		100 M. FLY			3:00.01	MITTIE KUWANA	JPN	1:32.54	JOANN LEILICH	USA	
24:48.49	NANCY KIRKENDALL	USA		1:17.63	JUDY WILSON	GBR	400 M. FREE			1:38.00	PAM FLETCHER	AUS	
24:55.46	CYNTHIA O'HARE	USA		1:21.13	SUSANA BARKLEY	ESP	5:39.93	YOSHIKO OSAKI	JPN	1:38.21	GLORIA HARDY	AUS	
50 M. BACK				1:21.83	CAROL FELLOWS	GBR	6:09.10	JILL COMPLIN	GBR	1:38.29	LUISE KNOPFLE	GER	
38.03	CAROL FELLOWS	GBR		1:24.09	BRIGITTE MERTEN	GER	6:15.45	REIKO KOGA	JPN	1:38.84	CHRISTINE PERFECT	GBR	
38.20	SUSANA BARKLEY	ESP		1:25.39	NANCY RIDOUT	USA	6:16.64	BETSY JORDAN	USA	1:39.10	TAYO FUJIEDA	JPN	
38.41	BETTY BENNETT	USA		1:29.67	JACKIE MARR	USA	6:19.50	S. LEUNER	RSA	1:39.56	SALLY NEWELL	USA	
38.75	JEANNIE MITCHELL	USA		1:30.39	GINGER PIERSON	USA	6:19.77	JAYNE LAMBKE	USA	1:39.63	INGRID LUNING	GER	
39.00	HELEN TRIPPE	GBR		1:31.35	IRENE DAVID	USA	6:20.28	REIKO ISHIZAKI	JPN	1:39.77	MARGIT JEBE	USA	
39.06	EVELYN HAUSBERGER	USA		1:32.51	H.GIORGIO	SWE	6:20.51	MARGA SCHULZE	GER	200 M. BRST			
39.08	HIROMI SATO	JPN		1:33.16	HANNELORE ROSE	GER	6:21.86	ANNE KREISEL	GER	3:20.24	JOANN LEILICH	USA	
39.11	MARTA EGERVARY	HUN		200 M. FLY			6:23.84	ALISON LEACH	NZL	3:31.21	LUISE KNOPFLE	GER	
39.19	JENNIFER GRACE	AUS		3:06.66	BRIGITTE MERTEN	GER	800 M. FREE			3:31.56	PAM FLETCHER	AUS	
39.42	LINDA SKIRTON	GBR		3:16.22	GINGER PIERSON	USA	11:37.90	YOSHIKO OSAKI	JPN	3:31.62	INGRID LUNING	GER	



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3:34.80	TAYO FUJIEDA	JPN	1:20.67	DIANE STOWELL	USA	3:31.19	URSULA FROELICH	GER	3:33.60	JELTJE VAN BERGEN	NED
3:35.01	EDNA DE SARACHO	MEX	1:21.00	SHOKO YONEZAWA	JPN	3:31.20	MARLENE MENDES	BRA	4:00 M.	I.M.	
3:35.22	ROSA-MARIA HOFFT	GER	1:21.83	HELGA REICH	GER	3:33.32	JELTJE VAN BERGEN	NED	7:15.90	NANCY BROWN	USA
3:36.05	KEIKO YAMADA	JPN	1:22.12	LOTTIE GEURTS	NED	3:36.17	E.JAROSOVA	CZE	7:23.52	ELEONORE OTTO	GER
3:36.31	MARGIT JEBE	USA	1:22.29	MARCIA BORELLI	BRA	50 M.	BRST		7:23.79	HELGA REICH	GER
3:36.56	GLORIA HARDY	AUS	1:22.31	THELMA DOYLE	AUS	42.48	JAYNE BRUNER	USA	7:27.34	URSULA FROELICH	GER
50 M.	FLY		1:23.41	BARBARA FENTIMAN	GBR	44.30	OLGA KREJCI	SUI	7:28.83	HEIKE HOLER	GER
35.81	CLAIRE O'DWYER	IRL	200 M.	FREE		44.44	SHOKO YONEZAWA	JPN	7:29.91	ANNE MCGUIRE	USA
35.90	SILVANA ABREU	BRA	2:54.25	LAVELLE STOINOFF	USA	44.80	ELEONORE OTTO	GER	7:35.80	RENATA MARTING	ITA
37.16	CHRISTEL SCHULZ	GER	2:57.24	DIANE STOWELL	USA	45.33	ELIANE PELLIS	BEL	7:42.42	JELTJE VAN BERGEN	NED
39.21	TATJANA KOSTIZEN	FIN	3:01.40	HISAKO SATO	JPN	45.43	MASAYO AZUMA	JPN	7:56.32	ANNIE GERWEN	NED
39.28	CHRISTINE PARFECT	GBR	3:02.30	BARBARA FENTIMAN	GBR	45.51	LILLO HOHLFELD	GER	7:59.94	ALICE KINNAIRD	AUS
39.62	JAYNE LAMBEKE	USA	3:02.31	HELGA REICH	GER	45.86	YOKO MIZUNO	JPN			
40.54	LUNNE LUND	USA	3:03.54	NANCY BROWN	USA	45.93	KATHARINA HASSE	GER	*****		
40.59	K.TATSUKOSHI	JPN	3:04.37	JAYNE BRUNER	USA	46.55	ANNA SUMMERER	GER	*****		
40.95	BETSY JORDAN	USA	3:06.10	LOTTIE GEURTS	NED	100 M.	BRST		*****		
41.58	M.TUCCI	ITA	3:06.94	URSULA FROELICH	GER	1:34.12	JAYNE BRUNER	USA	50 M.	FREE	
100 M.	FLY		3:09.79	KIKU IKEDA	JPN	1:36.17	MASAYO AZUMA	JPN	34.17	GAIL ROPER	USA
1:23.30	CLAIRE O'DWYER	IRL	400 M.	FREE		1:39.65	SHOKO YONEZAWA	JPN	34.61	JANE ASHER	GBR
1:31.16	LYN PULLER	AUS	6:02.20	LAVELLE STOINOFF	USA	1:40.47	ELIANE PELLIS	BEL	38.06	NANCY MACBETH	USA
1:35.98	CHRISTINE PARFECT	GBR	6:20.65	DIANE STOWELL	USA	1:40.81	OLGA KREJCI	SUI	38.87	DIANE REED	USA
1:36.26	JAYNE LAMBEKE	USA	6:23.96	HELGA REICH	GER	1:42.41	ANNE MCGUIRE	USA	39.10	EIKO MORI	JPN
1:39.42	M.TUCCI	ITA	6:26.90	BARBARA FENTIMAN	GBR	1:43.63	LILLY KRON	USA	39.44	JUDITH CHADIMA	USA
1:39.49	JUDY BURKE	AUS	6:29.76	HISAKO SATO	JPN	1:43.66	DIANE STOWELL	USA	39.49	REIKO NAWATA	JPN
1:40.70	GABRIELLA TUCCI	ITA	6:31.48	NANCY BROWN	USA	1:45.35	JELTJE VAN BERGEN	NED	39.50	SACHIKO NAKANISHI	JPN
1:41.15	VALERIE BUXTON	GBR	6:43.20	HIROKO UENNA	JPN	1:45.38	ANNA SUMMERER	GER	39.63	FRANCES DRURY	AUS
1:42.32	ENEDINA PEREIRA	BRA	6:43.67	KIKU IKEDA	JPN	200 M.	BRST		39.77	HIDEKO HARAKAWA	JPN
1:42.70	REIKO NAGASAKU	JPN	6:44.14	ANNE MCGUIRE	USA	3:24.38	MASAYO AZUMA	JPN	100 M.	FREE	
200 M.	FLY		6:47.60	RENATA MARTING	ITA	3:33.18	ELEONORE OTTO	GER	1:17.73	JANE ASHER	GBR
3:28.89	CLAIRE O'DWYER	IRL	800 M.	FREE		3:34.21	JAYNE BRUNER	USA	1:18.00	GAIL ROPER	USA
3:29.83	LYN PULLER	AUS	12:32.76	PAMELA HUTCHINGS	AUS	3:38.52	DIANE STOWELL	USA	1:28.22	BETTY RUSS	USA
3:36.74	PAM FLETCHER	AUS	12:35.81	LAVELLE STOINOFF	USA	3:39.89	ELIANE PELLIS	BEL	1:28.76	DIANE REED	USA
3:40.56	REIKO NAGASAKU	JPN	12:37.39	DIANE STOWELL	USA	3:41.96	ANNE MCGUIRE	USA	1:29.31	JUDITH CHADIMA	USA
3:45.82	VALERIE BUXTON	GBR	13:02.82	HELGA REICH	GER	3:41.96	LILLY KRON	USA	1:29.59	IDAMYS VENEZIANI	BRA
3:46.00	GABRIELLA TUCCI	ITA	13:26.28	BARBARA FENTIMAN	GBR	3:43.57	LAVELLE STOINOFF	USA	1:30.77	MARIANNE GRANE	SWE
3:50.11	ENEDINA PEREIRA	BRA	13:28.05	KIKU IKEDA	JPN	3:47.14	RENATA MARTING	ITA	1:30.79	HIDEKO HARAKAWA	JPN
3:50.15	CHITOSE HOSOKAWA	JPN	13:28.30	URSULA FROELICH	GER	3:47.73	JELTJE VAN BERGEN	NED	1:30.89	NANCY MACBETH	USA
3:50.22	JUDY BURKE	AUS	13:33.42	NANCY BROWN	USA	50 M.	FLY		1:30.91	ANN HIRSCH	USA
3:50.70	BETSY JORDAN	USA	13:34.62	MARCIA BORELLI	BRA	38.30	HAIKE HOLER	GER	200 M.	FREE	
200 M.	I.M.		13:40.62	LOTTIE GEURTS	NED	38.50	JAYNE BRUNER	USA	2:53.14	JANE ASHER	GBR
3:02.23	YOSHIKO OSAKI	JPN	1500 M.	FREE		38.95	HISAKO SATO	JPN	2:57.63	GAIL ROPER	USA
3:12.56	CHRISTEL SCHULZ	GER	24:19.64	LAVELLE STOINOFF	USA	42.05	HELGA REICH	GER	3:12.90	JUNE KRAUSER	USA
3:13.18	ROTRAUD PALMER	GBR	25:23.69	NANCY BROWN	USA	42.07	ELEONORE OTTO	GER	3:13.42	LIZ WALLIS	AUS
3:19.53	MARGARET WILDING	GBR	25:24.36	BARBARA FENTIMAN	GBR	42.84	DORIS KLITZKE	GER	3:15.11	YOSHIKO SHIMIZU	JPN
3:20.48	MARGA SCHULZE	GER	26:20.32	ANNE MCGUIRE	USA	43.67	BEVERLY MYERS	USA	3:18.31	ANN HIRSCH	USA
3:23.23	KEIKO YAMADA	JPN	27:33.61	L.VAN DER MEER	NED	44.66	MARCIA BORELLI	BRA	3:20.26	BETTY RUSS	USA
3:24.00	BETSY JORDAN	USA	27:56.68	SHIRLEY DACEY	CAN	44.86	YUMIKO URAGAMI	JPN	3:21.01	JUDITH CHADIMA	USA
3:26.48	NUALA CURLEY	IRL	27:57.50	THELMA DOYLE	AUS	44.89	ANNE MCGUIRE	USA	3:21.81	ANITA HAZEN	USA
3:27.03	PAM FLETCHER	AUS	27:58.34	DONNA MONROE	USA	100 M.	FLY		3:23.55	MALCHIA OLSHAN	USA
3:27.14	JAYNE LAMBEKE	USA	27:58.54	PAT NIBBLETT	CAN	1:30.17	HAIKE HOLER	GER	400 M.	FREE	
400 M.	I.M.		28:41.62	ANNIE GERWEN	NED	1:31.34	JAYNE BRUNER	USA	6:09.73	JANE ASHER	GBR
6:34.69	YOSHIKO OSAKI	JPN	50 M.	BACK		1:36.74	HISAKO SATO	JPN	6:26.90	GAIL ROPER	USA
7:07.40	JOANN LEILICH	USA	39.09	PAM HUTCHINGS	AUS	1:36.76	HELGA REICH	GER	6:36.50	JUNE KRAUSER	USA
7:11.07	BETSY JORDAN	USA	42.46	HAIKE HOLER	GER	1:44.31	NANCY BROWN	USA	6:49.95	LIZ WALLIS	AUS
7:21.80	VALERIE BUXTON	GBR	42.79	ALICE KINNAIRD	AUS	1:45.29	JELTJE VAN BERGEN	NED	6:56.99	ANN HIRSCH	USA
7:30.47	JUDY BURKE	AUS	42.90	MARCIA BORELLI	BRA	1:45.77	ANNE MCGUIRE	USA	7:03.08	MALCHIA OLSHAN	USA
7:30.86	MARGIT JEBE	USA	43.60	SHOKO YONEZAWA	JPN	1:47.50	YUMIKO URAGAMI	JPN	7:03.82	BETTY RUSS	USA
7:32.91	INGRID LUNING	GER	43.80	JAYNE BRUNER	USA	1:47.57	G.LEINWEHER	GER	7:15.47	JOAN PARNELL	CAN
7:36.07	JAYNE LAMBEKE	USA	43.87	ANN CHAMP	USA	1:50.83	RENATA MARTING	ITA	7:20.86	IDAMYS VENEZIANI	BRA
7:39.47	SUSAN LIVINGSTON	USA	44.14	DIANE STOWELL	USA	200 M.	FLY		7:21.18	ANITA HAZEN	USA
7:39.61	REIKO NAGASAKU	JPN	44.20	ELEONORE OTTO	GER	3:35.79	HEIKE HOLER	GER	800 M.	FREE	
*****			44.32	DORIS KLITZKE	USA	3:38.38	HELGA REICH	GER	12:41.94	JANE ASHER	GBR
*****			100 M.	BACK		3:41.52	NANCY BROWN	USA	13:23.69	JUNE KRAUSER	USA
*****			1:27.46	PAM HUTCHINGS	AUS	3:42.88	HISAKO SATO	JPN	13:29.75	GAIL ROPER	USA
*****			1:32.71	ANN CHAMP	USA	3:46.37	ANNE MCGUIRE	USA	13:51.79	GRETHE BENDTSEN	DEN
50 M.	FREE		1:34.16	ALICE KINNAIRD	AUS	3:57.28	YUMIKO URAGAMI	JPN	14:14.24	LIZ WALLIS	AUS
33.66	PAM HUTCHINGS	AUS	1:34.59	HAIKE HOLER	GER	3:59.04	ELEONORE OTTO	GER	14:21.72	ANN HIRSCH	USA
33.75	JAYNE BRUNER	USA	1:36.01	SHOKO YONEZAWA	JPN	4:02.01	M.GARAY-GIBSON	HUN	14:33.03	BETTY RUSS	USA
35.29	SHOKO YONEZAWA	JPN	1:36.78	LAVELLE STOINOFF	USA	4:05.10	TOSHIKO SHIMOKAWA	JPN	14:34.83	MALCHIA OLSHAN	USA
35.31	HISAKO SATO	JPN	1:36.96	BEVERLY MYERS	USA	4:05.11	ANNIE GERWEN	NED	14:43.89	ANITA HAZEN	USA
35.55	OLGA KREJCI	SUI	1:37.11	NANCY BROWN	USA	200 M.	I.M.		14:58.11	FUMIKO HIROOKA	JPN
35.74	DIANE STOWELL	USA	1:38.37	JELTJE VAN BERGEN	NED	3:17.80	JAYNE BRUNER	USA	1500 M.	FREE	
36.33	LOTTIE GEURTS	NED	1:38.39	MARLENE MENDES	BRA	3:22.74	SHOKO YONEZAWA	JPN	24:43.09	JANE ASHER	GBR
36.49	U.MEYER-TONDORF	GER	200 M.	BACK		3:24.19	DIANE STOWELL	USA	25:11.23	JUNE KRAUSER	USA
36.55	FUSAKO YAMAWAKI	JPN	3:10.08	PAM HUTCHINGS	AUS	3:26.44	HAIKE HOLER	GER	25:14.99	GAIL ROPER	USA
36.69	LAVELLE STOINOFF	USA	3:21.76	LAVELLE STOINOFF	USA	3:28.34	NANCY BROWN	USA	27:19.47	MALCHIA OLSHAN	USA
100 M.	FREE		3:22.26	ANN CHAMP	USA	3:29.79	HELGA REICH	GER	27:44.60	LIZ WALLIS	AUS
1:16.81	PAM HUTCHINGS	AUS	3:27.35	ALICE KINNAIRD	AUS	3:30.66	MARCIA BORELLI	BRA	27:57.95	ANITA HAZEN	USA
1:17.40	JAYNE BRUNER	USA	3:27.47	HEIKE HOLER	GER	3:31.83	BEVERLY MYERS	USA	28:51.79	SHELLA NAIMAN	CAN
1:20.38	HISAKO SATO	JPN	3:30.34	NANCY BROWN	USA	3:33.12	MASAYO AZUMA	JPN	29:06.84	NANCY DURSTEIN	USA



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29:42.00	PARKIE COPELAND	USA	1:36.68	GAIL ROPER	USA	400 M. FREE	1:54.70	AGNES PLISSON	FRA	
30:03.90	JOYCE WILLS	AUS	1:42.00	JUNE KRAUSER	USA	6:33.15 CLARA WALKER	USA	1:58.44	L.BURG-BONNIER	NED
50 M. BACK			1:49.52	ANN HIRSCH	USA	6:33.19 JUNE KRAUSER	USA	1:59.10	M. CUNNINGHAM	AUS
42.69	GRETHE BENDTSEN	DEN	1:53.09	SYLVIA NEUHAUSER	AUT	7:08.82 PETEY SMITH	USA	1:59.89	G.SCHOBEL-GRASS	GER
42.98	JANE ASHER	GBR	1:54.33	NANCY MACBETH	USA	7:12.02 FLORENCE CARR	USA	2:00.48	BETTY CHRISTIAN	USA
43.41	JOAN PARNELL	CAN	1:57.41	EDIE GUENDER	USA	7:12.11 MARGERY MEYER	USA	2:00.75	MARGARET EVANS	GBR
43.88	GAIL ROPER	USA	1:58.57	BETTY RUSS	USA	7:25.67 HIDEKO NAITO	JPN	2:01.53	BETH BLICKFELDT	USA
44.62	EDITH BOEHM	GER	1:58.82	CAROL TAYLOR	USA	7:46.45 JOAN MONAHAN	NZL	2:01.77	M.J. AMSBARY	USA
45.16	JUDITH CHADIMA	USA	1:59.34	DELLA SEHORN	USA	7:48.85 C AURIK	RSA	200 M. BRST		
45.77	KIMIKO OOKA	JPN	2:00.38	ERIKA NESTLER	GER	7:49.13 RUTH MANFREDI	USA	4:04.39	JUNE KRAUSER	USA
46.07	IDAMYS VENEZIANI	BRA	200 M. FLY		7:53.38 MIEKO MIKURIYA	JPN	4:05.90	G.SCHOBEL-GRASS	GER	
46.29	KERSTIN GJORES	SWE	3:47.08	GAIL ROPER	USA	800 M. FREE		4:10.47	AGNES PLISSON	FRA
47.97	ERIKA LANGE	GER	3:55.57	JANE ASHER	GBR	13:15.45 JUNE KRAUSER	USA	4:13.01	MARGARET EVANS	GBR
100 M. BACK			4:07.15	BETTY RUSS	USA	14:36.96 PETEY SMITH	USA	4:19.36	L.BURG-BONNIER	NED
1:34.87	GRETHE BENDTSEN	DEN	4:11.89	SYLVIA EISELE	CAN	14:53.41 MARGERY MEYER	USA	4:24.44	M. CUNNINGHAM	AUS
1:38.82	JANE ASHER	GBR	4:21.64	NANCY MACBETH	USA	14:57.03 M. CUNNINGHAM	AUS	4:25.69	M.J. AMSBARY	USA
1:39.74	JOAN PARNELL	CAN	4:23.21	MALCHIA OLSHAN	USA	15:28.80 FLORENCE CARR	USA	4:25.84	MITSUKO HASHIMOTO	JPN
1:41.52	KIMIKO OOKA	JPN	4:36.02	ANNA DUREN	GER	15:48.84 C AURIK	RSA	4:26.31	JUSTINE BAMFORD	AUS
1:41.61	GAIL ROPER	USA	4:40.75	NANCY DURSTEIN	USA	15:54.95 HIDEKO NAITO	JPN	4:27.04	DOROTHY WILLIAMS	GBR
1:41.99	JUDITH CHADIMA	USA	4:56.58	THELMA BRYAN	AUS	15:57.06 MIEKO MIKURIYA	JPN	50 M. FLY		
1:45.45	KERSTIN GJORES	SWE	5:00.19	ELFRIEDE ROGERS	USA	15:57.53 LOIS NOCHMAN	USA	43.96	MASUMI TANI	JPN
1:45.47	ERIKA LANGE	GER	200 M. I.M.		16:06.79 JOAN MONAHAN	NZL	47.76	FLORENCE CARR	USA	
1:46.23	IDAMYS VENEZIANI	BRA	3:24.17	JANE ASHER	GBR	1500 M. FREE		47.77	JUNE KRAUSER	USA
1:46.48	NANCY MACBETH	USA	3:25.04	GAIL ROPER	USA	25:40.43 CLARA WALKER	USA	48.00	M. CUNNINGHAM	AUS
200 M. BACK			3:33.75	JUNE KRAUSER	USA	25:51.86 JUNE KRAUSER	USA	50.38	LOIS NOCHMAN	USA
3:24.18	GRETHE BENDTSEN	DEN	3:34.94	GRETHE BENDTSEN	DEN	28:37.27 M. CUNNINGHAM	AUS	51.17	MASAKO HOTEHAMA	JPN
3:38.17	KIMIKO OOKA	JPN	3:40.26	ANN HIRSCH	USA	28:39.55 MARGERY MEYER	USA	52.09	C.WILLIAMS	USA
3:38.42	GAIL ROPER	USA	3:43.16	NANCY MACBETH	USA	29:44.92 FLORENCE CARR	USA	53.21	CHIE TANI	JPN
3:42.34	JOAN PARNELL	CAN	3:49.19	KIMIKO OOKA	JPN	30:05.58 LOIS NOCHMAN	USA	55.47	SUGAKO KUWAYAMA	JPN
3:44.03	NANCY MACBETH	USA	3:54.84	CAROL TAYLOR	USA	30:17.05 GRACE ALTUS	USA	55.72	BETTY DUNN	USA
3:46.63	KERSTIN GJORES	SWE	3:57.43	DELLA SEHORN	USA	32:42.78 NORMA RUDOLPH	AUS	100 M. FLY		
3:53.70	IDAMYS VENEZIANI	BRA	4:02.11	CHISE IBE	JPN	34:26.54 LIZ LUBBERS	NZL	1:40.85	JUNE KRAUSER	USA
3:55.33	BRITT GRILLI	SWE	400 M. I.M.		34:53.18 SYLVIA HILL	USA	1:59.78	LOIS NOCHMAN	USA	
3:55.40	ERIKA LANGE	GER	7:23.20	GAIL ROPER	USA	50 M. BACK		2:04.07	MASUMI TANI	JPN
3:57.14	MARIANNE GRANE	SWE	8:05.57	ANN HIRSCH	USA	42.29 DORIS STEADMAN	USA	2:06.68	G.SCHOBEL-GRASS	GER
50 M. BRST			8:15.64	SYLVIA EISELE	CAN	47.18 BUNNY CEDERLUND	USA	2:07.91	MARGARET EVANS	GBR
44.97	EDITH BOEHM	GER	8:30.18	BETTY RUSS	USA	48.08 JOAN MONAHAN	NZL	2:07.93	FLORENCE CARR	USA
45.81	ERIKA LANGE	GER	8:32.70	MALCHIA OLSHAN	USA	48.35 VIRGINIA KETELEER	BEL	2:11.77	CHIE TANI	JPN
47.55	ANN HIRSCH	USA	8:37.84	ERIKA LANGE	GER	48.96 MASUMI TANI	JPN	2:12.19	AGNES PLISSON	FRA
47.87	SYLVIA EISELE	CAN	8:39.55	FUMIKO HIROOKA	JPN	49.18 MARGE BOWDON	USA	2:15.31	BETTY DUNN	USA
48.47	GAIL ROPER	USA	8:41.20	ANNA DUREN	GER	49.31 MASAKO HOTEHAMA	JPN	2:16.31	MASAKO HOTEHAMA	JPN
48.66	JANE ASHER	GBR	8:44.51	JULIA GULYAS	CAN	49.39 MONIQUE BERLIOUX	FRA	200 M. FLY		
48.94	MASAE KURATA	JPN	8:48.80	BARBARA OWENS	USA	49.51 JUNE KRAUSER	USA	3:39.91	JUNE KRAUSER	USA
49.11	TERUKO ONO	JPN				50.11 SARAH ALLNUTT	USA	4:23.53	LOIS NOCHMAN	USA
49.25	CAROL TAYLOR	USA	*****			100 M. BACK		4:30.36	JAE HOWELL	USA
50.41	SYLVIA NEUHAUSER	AUT		WOMEN 70-74		1:36.06 DORIS STEADMAN	USA	4:41.63	MARGARET EVANS	GBR
100 M. BRST			*****			1:47.26 JUNE KRAUSER	USA	5:00.03	JUNE REYNOLDS	USA
1:42.04	EDITH BOEHM	GER	50 M. FREE			1:50.20 JOAN MONAHAN	NZL	5:02.56	RUTH MANFREDI	USA
1:44.02	ANN HIRSCH	USA	36.13	CLARA WALKER	USA	1:51.11 VIRGINIA KETELEER	BEL	5:02.92	BETTY DUNN	USA
1:44.87	ERIKA LANGE	GER	36.39	M.CUNNINGHAM	AUS	1:53.71 DORIS MCEWAN	CAN	5:07.20	AGNES PLISSON	FRA
1:44.92	GAIL ROPER	USA	38.13	FLORENCE CARR	USA	1:54.36 MARGERY MEYER	USA	5:12.36	GLADYS OLSEN	USA
1:47.88	MASAE KURATA	JPN	38.30	PETEY SMITH	USA	1:54.48 MONIQUE BERLIOUX	FRA	6:16.69	SHIZU OKA	JPN
1:48.27	JANE ASHER	GBR	38.98	MASUMI TANI	JPN	1:54.58 C.WILLIAMS	USA	200 M. I.M.		
1:49.69	SYLVIA EISELE	CAN	39.83	TOSHIKO MORITA	JPN	1:54.70 KRISTINA VADEM	SWE	3:35.13	JUNE KRAUSER	USA
1:50.71	CHIYOKO OKURA	JPN	40.17	JOAN MONAHAN	NZL	1:54.71 SILVIA CRAVERI	ITA	3:59.02	AGNES PLISSON	FRA
1:52.72	SYLVIA NEUHAUSER	AUT	40.25	HIDEKO NAITO	JPN	200 M. BACK		4:00.16	G.SCHOBEL-GRASS	GER
1:53.11	TERUKO ONO	JPN	40.55	JUNE KRAUSER	USA	3:30.25 DORIS STEADMAN	USA	4:05.65	FLORENCE CARR	USA
200 M. BRST			40.80	YURIKO HIRASAWA	JPN	3:47.17 VIRGINIA KETELEER	BEL	4:06.05	JOAN MONAHAN	NZL
3:46.00	ANN HIRSCH	USA	100 M. FREE			3:49.59 JUNE KRAUSER	USA	4:08.61	LOIS NOCHMAN	USA
3:49.69	ERIKA LANGE	GER	1:21.57	CLARA WALKER	USA	3:54.85 JOAN MONAHAN	NZL	4:15.98	MARGARET EVANS	GBR
3:52.45	GAIL ROPER	USA	1:25.23	M.CUNNINGHAM	AUS	4:01.88 AGNES PLISSON	FRA	4:16.35	CHIE TANI	JPN
3:53.16	JANE ASHER	GBR	1:27.90	JUNE KRAUSER	USA	4:02.05 KRISTINA VADEM	SWE	4:18.83	ELLA CARMICHAEL	USA
3:54.69	EDITH BOEHM	GER	1:28.61	FLORENCE CARR	USA	4:08.38 BUNNY CEDERLUND	USA	4:19.41	BARBARA ROSE	AUS
3:56.88	SYLVIA EISELE	CAN	1:30.20	HIDEKO NAITO	JPN	4:09.30 SILVIA CRAVERI	ITA	400 M. I.M.		
4:02.14	MASAE KURATA	JPN	1:31.17	MASUMI TANI	JPN	4:10.30 MARGARET EVANS	GBR	7:30.91	JUNE KRAUSER	USA
4:02.29	A.DERKSE-DEN BOER	NED	1:31.84	PETEY SMITH	USA	4:11.05 KAZUKO TAGUCHI	JPN	8:22.98	G.SCHOBEL-GRASS	GER
4:10.05	ERIKA NESTLER	GER	1:32.78	MARGERY MEYER	USA	50 M. BRST		8:42.44	AGNES PLISSON	FRA
4:16.07	JULIA GULYAS	CAN	1:34.46	TOSHIKO MORITA	JPN	49.75 SATOKO SUZUKI	JPN	8:43.67	LOIS NOCHMAN	USA
50 M. FLY			1:35.99	C.WILLIAMS	USA	50.42 TSUNOKO MITA	JPN	8:48.36	MARGARET EVANS	GBR
39.18	GAIL ROPER	USA	200 M. FREE			50.78 M.CUNNINGHAM	AUS	8:53.70	FLORENCE CARR	USA
41.01	JANE ASHER	GBR	3:04.56	CLARA WALKER	USA	51.22 JOAN MONAHAN	NZL	9:38.38	JAE HOWELL	USA
43.62	JUNE KRAUSER	USA	3:09.82	JUNE KRAUSER	USA	51.65 JUNE KRAUSER	USA	10:07.27	JUNE REYNOLDS	USA
45.56	REIKO NAWATA	JPN	3:12.54	M.CUNNINGHAM	AUS	51.86 SHIZUE TOYAMA	JPN	10:20.48	H. HUGGINS	USA
47.16	NANCY MACBETH	USA	3:21.02	PETEY SMITH	USA	52.06 BETTY CHRISTIAN	USA	10:23.33	BETTY DUNN	USA
48.09	EDIE GRUENDER	USA	3:22.16	FLORENCE CARR	USA	52.20 MAUD POVEY	GBR			
48.49	ANN HIRSCH	USA	3:22.39	MARGERY MEYER	USA	52.25 M.J. AMSBARY	USA	*****		
48.82	PARKIE COPELAND	USA	3:24.10	HIDEKO NAITO	JPN	52.64 AGNES PLISSON	FRA	*****	WOMEN 75-79	
49.48	SYLVIA NEUHAUSER	AUT	3:38.68	JOAN MONAHAN	NZL	100 M. BRST		*****		
49.54	JOAN PARNELL	CAN	3:38.77	CHIE TANI	JPN	1:53.01 SATOKO SUZUKI	JPN	50 M. FREE		
100 M. FLY			3:40.98	RUTH BAAR	USA	1:54.32 JUNE KRAUSER	USA	39.10	OLGA JOHNSON	NZL



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39.52	J. DRAKE-BROCKMAN	AUS	2:02.23	NANCY PHILLIPS	USA	200 M. I.M.	34:41.12	JEAN DURSTON	USA		
39.91	CATHERINE KERR	CAN	2:02.45	BETTY STERN	AUS	4:12.90	CATHERINE KERR	CAN	44:16.13	MARY LATHRAM	USA
42.08	M.PFANNMULLER	GER	2:04.31	CHARLOTTE THIEL	GER	4:38.54	GERTRUD MEERWALD	GER	61:10.29	RUTH HILDEBRAND	USA
42.20	DOROTHY DONNELLY	USA	2:04.44	BETTY CONDON	GBR	4:40.19	BETTY STERN	AUS	50 M. BACK		
42.23	BETTY CHRISTIAN	USA	2:05.87	MARJORIE SHARPE	USA	4:44.08	MICHIKO HAMURO	JPN	55.92	WILLY VAN RYSEL	GBR
43.55	SUE MARVEL	USA	2:08.32	SUE MARVEL	USA	4:51.93	NANCY PHILLIPS	USA	57.08	MASA SHIGEMITSU	JPN
44.09	BETTY CONDON	GBR	200 M. BACK		4:53.07	KAY SCHIMPF	USA	58.51	ANNE WALKER	USA	
44.22	BETTY STERN	AUS	3:57.14	J.DRAKE-BROCKMAN	AUS	4:56.12	DOROTHY DONNELLY	USA	1:05.25	MARIE WICKLUN	USA
45.40	MARJORIE SHARPE	USA	4:01.29	EDITH THEIN	ISR	4:59.23	GERTRUD ZINT	USA	1:06.95	GISELA REINSCH	GER
100 M. FREE			4:20.15	SUMIKO KOIZUMI	JPN	5:07.46	BOBBIE LAWRENCE	USA	1:07.18	MAXINE MERLINO	USA
1:30.42	J.DRAKE-BROCKMAN	AUS	4:21.68	BETTY STERN	AUS	5:10.29	IRENE SANDAHL	USA	1:07.46	C.SPINDELNDREHER	GER
1:34.91	CATHERINE KERR	CAN	4:31.42	M HARDWICH	RSA	400 M. I.M.		1:07.97	MARY LATHRAM	USA	
1:39.20	DOROTHY DONNELLY	USA	4:33.21	BETTY CONDON	GBR	9:38.84	GERTRUD MEERWALD	GER	1:09.21	DAPHNE JONES	AUS
1:40.33	OLGA JOHNSON	NZL	4:44.09	SUE MARVEL	USA	10:20.31	KAY SCHIMPF	USA	1:11.55	LILIAN JOHNSON	AUS
1:43.32	MARJORIE SHARPE	USA	4:45.07	GRE SCHONBERGER	NED	11:09.46	BOBBIE LAWRENCE	USA	100 M. BACK		
1:43.40	CANDIDA GANDOLPHO	BRA	4:45.41	NANCY PHILLIPS	USA	11:39.63	EILEEN PRICE	AUS	2:07.23	ANNE WALKER	USA
1:43.43	M.PFANNMULLER	GER	4:46.80	TOMOE TOYOKAWA	JPN	12:37.18	ROSEMARY KARIKER	USA	2:12.01	WILLY VAN RYSEL	GBR
1:43.83	RITA SIMONTON	USA	50 M. BRST		12:49.11	EDITH GLUSAC	USA	2:17.73	MASA SHIGEMITSU	JPN	
1:43.97	BETTY STERN	AUS	52.06	BETTY CHRISTIAN	USA	13:08.42	ZADA TAFT	USA	2:18.98	DOROTHY WESTON	GBR
1:44.50	MASAE SHIMURA	JPN	55.51	INGEBORG FRITZE	GER	16:56.87	ROSE STEWARD	USA	2:20.03	MARIE WICKLUN	USA
200 M. FREE			56.90	J. DRAKE-BROCKMAN	AUS				2:23.92	GISELA REINSCH	GER
3:39.83	CATHERINE KERR	CAN	57.54	AUDREY GATHERCOLE	GBR	*****			2:29.45	MARY LATHRAM	USA
3:40.11	CANDIDA GANDOLPHO	BRA	58.07	MICHIKO HAMURO	JPN	*****	WOMEN 80-84		2:35.75	RINA DAVOGLIO	ITA
3:43.10	MARJORIE SHARPE	USA	59.27	HILDEGARD MESSING	GER	*****			2:35.96	ANNCHEN REILE	GER
3:45.40	DOROTHY DONNELLY	USA	59.81	GERTRUD ZINT	USA	50 M. FREE			2:37.62	DAPHNE JONES	AUS
3:51.32	SUE MARVEL	USA	1:00.18	CANDIDA GANDOLPHO	BRA	41.95	HATSUHO SUGAYA	JPN	200 M. BACK		
3:51.45	RITA SIMONTON	USA	1:01.41	BARBARA BOEHM	GER	49.34	ANNE WALKER	USA	4:33.50	ANNE WALKER	USA
3:55.35	BETTY STERN	AUS	1:01.66	CHARLOTTE THIEL	GER	52.96	MASA SHIGEMITSU	JPN	4:35.14	MARIA LENK	BRA
3:55.72	MASAE SHIMURA	JPN	100 M. BRST		53.61	EDITH HEWITT	GBR	4:46.63	MARIE WICKLUN	USA	
3:56.24	OLGA JOHNSON	NZL	2:00.48	BETTY CHRISTIAN	USA	54.98	MAXINE MERLINO	USA	4:50.59	WILLY VAN RYSEL	GBR
3:59.59	B.BURRILL	USA	2:07.21	HILDEGARD MESSING	GER	55.97	TAZUKO MITOOKA	JPN	5:04.90	DOROTHY WESTON	GBR
400 M. FREE			2:07.40	AUDREY GATHERCOLE	GBR	56.03	IRENE ADAMS	CAN	5:07.85	JEAN DURSTON	USA
7:33.09	CANDIDA GANDOLPHO	BRA	2:11.13	INGEBORG FRITZE	GER	56.17	MARIE WICKLUN	USA	5:24.62	MARY LATHRAM	USA
7:55.79	MARJORIE SHARPE	USA	2:11.37	MICHIKO HAMURO	JPN	56.34	NORIKO MASHINO	JPN	5:27.98	EVA MULLER	USA
8:03.67	RITA SIMONTON	USA	2:19.30	RITA SIMONTON	USA	56.46	VICTORIA SULLIVAN	USA	5:28.79	RINA DAVOGLIO	ITA
8:04.70	CATHERINE KERR	CAN	2:20.34	GRE SCHONBERGER	NED	100 M. FREE			5:37.32	HELEN ROUMASSET	USA
8:09.27	OLGA JOHNSON	NZL	2:21.35	HIDEKO HANADA	JPN	2:01.44	EDITH HEWITT	GBR	50 M. BRST		
8:15.01	GERTRUD MEERWALD	GER	2:22.81	GERTRUD ZINT	USA	2:01.51	ANNE WALKER	USA	1:07.65	EMMI PAULI	GER
8:15.44	SUE MARVEL	USA	2:23.17	AGOTA FROHS	USA	2:02.19	MASA SHIGEMITSU	JPN	1:09.28	MARIA LENK	BRA
8:30.02	B.BURRILL	USA	200 M. BRST		2:07.43	JEAN DURSTON	USA	1:09.80	GISELA REINSCH	GER	
8:32.15	GRE SCHONBERGER	NED	4:27.26	BETTY CHRISTIAN	USA	2:08.10	NELLA GAMENARA	ITA	1:12.02	C.SPINDELNDREHER	GER
8:49.08	KAY SCHIMPF	USA	4:32.83	MICHIKO HAMURO	JPN	2:10.50	MARIE WICKLUN	USA	1:13.38	MARGARET HUBBARD	USA
800 M. FREE			4:33.85	GERTRUD MEERWALD	GER	2:11.66	JEAN CHENAUX	USA	1:13.62	GRETE HARNISCH	GER
15:41.08	CANDIDA GANDOLPHO	BRA	4:36.37	HILDEGARD MESSING	GER	2:12.61	MAXINE MERLINO	USA	1:13.86	MAXINE MERLINO	USA
16:27.82	RITA SIMONTON	USA	5:04.05	RITA SIMONTON	USA	2:14.02	VICTORIA SULLIVAN	USA	1:16.50	LOURDES LIMA	BRA
16:41.67	CATHERINE KERR	CAN	5:04.48	HIDEKO HANADA	JPN	2:16.41	LILIAN JOHNSON	AUS	1:16.92	HELEN ROUMASSET	USA
17:03.10	SUE MARVEL	USA	5:12.67	GERTRUD ZINT	USA	200 M. FREE			1:18.24	ANNCHEN REILE	GER
17:04.65	NATSU OKI	JPN	5:16.38	AGOTA FROHS	USA	4:13.70	MARIA LENK	BRA	100 M. BRST		
17:13.50	GRE SCHONBERGER	NED	5:17.62	KAY SCHIMPF	USA	4:21.32	EDITH HEWITT	GBR	2:26.91	EMMI PAULI	GER
17:25.98	EDITH THEIN	ISR	5:27.09	BARBARA BOEHM	GER	4:43.43	NELLA GAMENARA	ITA	2:29.82	DOROTHY WESTON	GBR
17:59.00	B.BURRILL	USA	50 M. FLY		4:47.28	JEAN CHENAUX	USA	2:34.76	MARIA LENK	BRA	
18:40.98	BOBBIE LAWRENCE	USA	53.84	CATHERINE KERR	CAN	5:14.49	RITSUKO HAYASHIDA	JPN	2:40.32	GISELA REINSCH	GER
18:46.87	DOROTHY WILLISON	AUS	57.90	NANCY PHILLIPS	USA	5:15.86	DULCIE NICOL	AUS	2:44.03	MAXINE MERLINO	USA
1500 M. FREE			1:00.03	GERTRUD MEERWALD	GER	5:25.70	DAPHNE JONES	AUS	2:51.38	ANNCHEN REILE	GER
30:56.61	RITA SIMONTON	USA	1:02.87	HIDEKO MORI	JPN	5:41.01	HELENA HOFFMAN	USA	2:54.76	C.SPINDELNDREHER	GER
31:03.67	MARJORIE SHARPE	USA	1:03.05	NERINA MCALL	RSA	5:53.18	LOIS ELLERT	USA	3:00.36	MARGARET HUBBARD	USA
31:38.89	CATHERINE KERR	CAN	1:03.51	DOROTHY DONNELLY	USA	5:57.19	AGNES ROMAYKO	USA	3:02.80	HELEN ROUMASSET	USA
32:20.01	SUE MARVEL	USA	1:04.23	OLGA JOHNSON	NZL	400 M. FREE			3:08.43	LUZIA CARACCILO	BRA
33:38.12	GRE SCHONBERGER	NED	1:04.63	KAY SCHIMPF	USA	9:03.60	ANNE WALKER	USA	200 M. BRST		
34:23.41	B.BURRILL	USA	1:05.50	GERTRUD ZINT	USA	9:17.17	JEAN DURSTON	USA	5:17.52	DOROTHY WESTON	GBR
35:19.70	BOBBIE LAWRENCE	USA	1:07.61	BETTY CONDON	GBR	9:47.69	YVONNE HODGES	GBR	5:28.37	MARIA LENK	BRA
36:34.17	KAY SCHIMPF	USA	100 M. FLY		10:06.32	JEAN CHENAUX	USA	5:42.50	MAXINE MERLINO	USA	
37:54.41	MARY JANE REEVES	USA	2:22.73	GERTRUD MEERWALD	GER	10:19.61	HELEN ROUMASSET	USA	5:47.09	JEAN DURSTON	USA
42:03.01	MARY SLATER	GBR	2:26.97	KAY SCHIMPF	USA	10:22.09	SARAH MARRIOTT	GBR	6:56.65	ROSE ALLEN	CAN
50 M. BACK			2:29.05	HIDEKO MORI	JPN	11:02.38	RITSUKO HAYASHIDA	JPN	7:01.13	SONOKO NOMA	JPN
48.40	J.DRAKE-BROCKMAN	AUS	2:39.92	WINNIE WALTER	USA	11:27.72	DULCIE NICOL	AUS	7:09.92	ANNE WILDER	USA
49.49	BETTY CONDON	GBR	2:41.35	EILEEN PRICE	AUS	11:43.50	MARY LATHRAM	USA	7:14.06	HILDA BUEL	USA
50.07	M.PFANNMULLER	GER	2:45.96	JEAN ZULICH	USA	11:56.95	MASAKO MATSUNO	JPN	7:25.29	HELENA HOFFMAN	USA
50.62	BETTY CHRISTIAN	USA	2:59.98	ROSEMARY KARIKER	USA	800 M. FREE			7:56.63	DULCIE NICOL	AUS
50.79	BETTY STERN	AUS	3:15.95	ZADA TAFT	USA	18:08.19	MARIA LENK	BRA	50 M. FLY		
54.57	MARJORIE SHARPE	USA	3:58.05	JEANNE TURGEON	CAN	18:55.53	JEAN DURSTON	USA	1:03.44	MARIA LENK	BRA
55.00	EDITH THEIN	ISR	5:44.18	ROSE STEWARD	USA	19:35.31	ANNE WALKER	USA	1:05.64	DOROTHY WESTON	GBR
55.01	GRE SCHONBERGER	NED	200 M. FLY		20:03.11	MAXINE MERLINO	USA	1:17.72	MAXINE MERLINO	USA	
55.08	TONNY AUKEMA	NED	5:11.04	GERTRUD MEERWALD	GER	20:54.43	NELLA GAMENARA	ITA	1:18.44	EDITH HEWITT	GBR
55.27	NANCY PHILLIPS	USA	5:31.86	KAY SCHIMPF	USA	21:05.93	JEAN CHENAUX	USA	1:22.48	HELEN ROUMASSET	USA
100 M. BACK			5:46.67	EILEEN PRICE	AUS	23:30.79	MARY LATHRAM	USA	1:26.22	ANNE WILDER	USA
1:50.66	J.DRAKE-BROCKMAN	AUS	6:48.05	ROSEMARY KARIKER	USA	24:09.19	AGNES ROMAYKO	USA	1:37.82	MARY WENTWORTH	USA
1:56.34	EDITH THEIN	ISR	7:37.13	ZADA TAFT	USA	26:11.62	MASAKO MATSUNO	JPN	1:38.98	HILDA BUEL	USA
2:01.50	CATHERINE KERR	CAN	8:52.21	ROSE STEWARD	USA	31:46.00	RUTH HILDEBRAND	USA	1:43.41	EVA MULLER	USA
2:02.05	SUMIKO KOIZUMI	JPN	9:51.33	MARION CHADWICK	USA	1500 M. FREE			1:56.58	BUZ CATLIN	USA



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100 M. FLY		200 M. BACK		52.77 MARTIN LEVINE	GBR	2:15.76 VLADIMIR RIBEIRO	BRA
2:36.30 JEAN DURSTON	USA	5:35.23 JULIA DOLCE	USA	53.33 THOMAS FLEMING	GER	2:17.49 KURT DICKSON	USA
3:02.71 HELEN ROUMASSET	USA	5:52.20 JEWEL COOKE	USA	53.53 KAZUHIKO YAMAKAWA	JPN	2:17.84 LIONEL DUWAT	FRA
3:34.00 MARY WENTWORTH	USA	7:00.66 MADELEINE MILLER	USA	53.60 TOMMY RUNDGREN	FIN	2:18.33 SVEN GRUNERT	GER
3:46.41 ANNE WILDER	USA	8:38.59 VIOLETA BAGET	MEX	53.67 NEIL TAIT	GBR	2:18.40 C.DISALLE	USA
3:44.90 HILDA BUEL	USA	50 M. BRST		54.02 DIRK BLUDAU	GER	2:18.80 ROBERT BERRY	USA
3:55.23 HELENA HOFFMAN	USA	1:09.85 MARTI GOGNIAT	USA	54.10 M.GIALDI	ITA	50 M. BRST	
200 M. FLY		1:12.02 UME WADA	JPN	54.39 JASON GEDMIN	JPN	28.68 JAMES PARRACK	GBR
5:42.23 JEAN DURSTON	USA	1:21.14 M.GOTTSCALK	GER	54.47 VLADIMIR RIBEIRO	BRA	30.75 MATTHEW WRIGHT	AUS
7:21.91 ANNE WILDER	USA	1:27.76 JEWEL COOKE	USA	200 M. FREE		30.82 CICERO TORTELLI	BRA
8:20.07 HELENA HOFFMAN	USA	1:37.15 PATIENCE MILLER	USA	1:51.00 JOHN KEPPELER	USA	31.02 GAVIN DOUGHTY	GBR
200 M. I.M.		2:25.40 GRACE HIDDLESON	USA	1:54.87 NEIL TAIT	GBR	31.26 NEILL WILLIAMS	USA
4:59.06 MARIA LENK	BRA	2:27.34 SYLVIA OKKER	AUS	1:58.89 KOJI NAKAMURA	JPN	31.40 HIRONOBU NAGAHATA	JPN
5:00.01 JEAN DURSTON	USA	100 M. BRST		1:58.98 CHRIS BARRETT	USA	31.49 C.WILLINSKY	GER
5:11.26 MAXINE MERLINO	USA	2:34.86 MARTI GOGNIAT	USA	1:59.90 RENATO RAMALHO	BRA	31.58 MATTHEW ROBINSON	GBR
5:31.34 EDITH HEWITT	GBR	2:40.37 UME WADA	JPN	2:00.84 PHILIPPE BEX	FRA	31.60 GAETANO GULLI	ITA
6:01.70 EVA MULLER	USA	3:04.77 M.GOTTSCALK	GER	2:00.99 DIRK BLUDAU	GER	31.69 MARK GILLET	AUS
6:06.67 HELEN ROUMASSET	USA	3:19.12 JEWEL COOKE	USA	2:01.41 MARCO HERR	LUX	31.69 ABRAHAM SOLANO	USA
6:44.82 BUZ CATLIN	USA	5:25.79 GRACE HIDDLESON	USA	2:01.80 MICHAEL DIECKMANN	GER	100 M. BRST	
6:52.28 ANNE WILDER	USA	5:29.25 SYLVIA OKKER	AUS	2:02.15 SANDRO HEREK	BRA	1:04.11 JAMES PARRACK	GBR
7:05.73 HELENA HOFFMAN	USA	200 M. BRST		400 M. FREE		1:07.70 ABRAHAM SOLANO	USA
7:22.03 HILDA BUEL	USA	5:38.79 UME WADA	JPN	4:15.64 TAKAFUMI ASAHARA	JPN	1:08.46 NEILL WILLIAMS	USA
400 M. I.M.		6:49.30 JEWEL COOKE	USA	4:25.17 KYLE KIMBALL	USA	1:09.36 MATTHEW KINNEY	USA
10:38.02 JEAN DURSTON	USA	8:18.08 MADELEINE MILLER	USA	4:26.50 M.GIALDI	ITA	1:09.44 C.WILLINSKY	GER
14:16.20 ANNE WILDER	USA	50 M. FLY		4:27.04 KURT DICKSON	USA	1:09.46 MATTHEW WRIGHT	AUS
15:03.50 HELENA HOFFMAN	USA	1:26.39 JEWEL COOKE	USA	4:27.62 TOSHIKI IMAI	JPN	1:09.88 GAVIN DOUGHTY	GBR
*****		1:31.29 EDIE GOLDMAN	USA	4:27.97 TOBIAS LERCH	GER	1:10.21 HARALD BUCK	GER
*****		1:53.82 MADELINE MILLER	USA	4:28.05 STUART BARTON	USA	1:10.24 JAMIE PATRICK	USA
*****		2:11.56 PATIENCE MILLER	USA	4:28.06 STUART MORRISH	GBR	1:10.27 DIRK ROLNICKZAK	GER
*****		100 M. FLY		4:28.09 JUSTIN PALFREY	GBR	200 M. BRST	
50 M. FREE		3:13.12 JEWEL COOKE	USA	4:28.16 DAVID STANNARD	GBR	2:26.32 ABRAHAM SOLANO	USA
49.84 UME WADA	JPN	3:46.00 EDIE GOLDMAN	USA	800 M. FREE		2:28.81 RENATO CORDANI	BRA
51.66 JULIA DOLCE	USA	200 M. I.M.		8:32.92 NEIL TAIT	GBR	2:31.43 GARY COETZEE	GBR
1:01.36 JEWEL COOKE	USA	6:17.06 JEWEL COOKE	USA	8:37.24 FRANK WERNER	GER	2:31.62 MATTHEW KINNEY	USA
1:04.39 PATIENCE MILLER	USA	400 M. I.M.		8:44.97 MATTHEW DRISCOLL	GBR	2:33.53 NEILL WILLIAMS	USA
1:12.29 EDIE GOLDMAN	USA	13:15.87 JEWEL COOKE	USA	9:13.64 ANDRE FERREIRA	BRA	2:34.02 KEITH MILBURN	GBR
1:13.93 ELLEN TAIT	USA	*****		9:13.98 PETER BURGON	GBR	2:35.06 MATTHEW WRIGHT	AUS
1:14.41 SHIZUE SHIMIZU	JPN	*****		9:16.48 MICHAEL TISCHNER	GER	2:35.22 MATTHEW DRISCOLL	GBR
1:16.55 TSUNE HIRASE	JPN	*****		9:19.44 IGOR ORDINARTSEV	RUS	2:35.91 DAVID RUSSELL	GBR
1:22.13 GRACE HACKETT	AUS	*****		9:20.41 STUART MORRISH	GBR	2:36.05 SVEN GRUNERT	GER
1:42.40 ELIZABETH DZIADUS	USA	50 M. FREE		9:20.47 DAVID STANNARD	GBR	50 M. FLY	
100 M. FREE		55.76 AILEEN SOULE	USA	9:24.17 FRANK RAFAEL	GER	25.37 MIKE FIBBENS	GBR
1:58.29 UME WADA	JPN	2:11.95 DEL ROWLEY	AUS	1500 M. FREE		26.04 R.FIUZA NETO	BRA
2:08.48 JULIA DOLCE	USA	100 M. FREE		17:15.46 MATTHEW DRISCOLL	GBR	26.23 TAKESHI DANNO	JPN
2:12.24 JEWEL COOKE	USA	2:19.62 AILEEN SOULE	USA	17:44.36 TOBIAS LERCH	GER	26.31 NEILL WILLIAMS	USA
2:30.78 PATIENCE MILLER	USA	200 M. FREE		17:55.64 MASAHICO ADACHI	JPN	26.33 KUNIO SUGIMOTO	JPN
2:48.02 ELLEN TAIT	USA	5:21.55 AILEEN SOULE	USA	18:05.89 B.LICHTENWALTER	USA	26.55 VLADIMIR RIBEIRO	BRA
2:49.25 MADELEINE MILLER	USA	50 M. BACK		18:10.84 STUART MORRISH	GBR	26.61 THOMAS AUGSPURGER	USA
2:52.80 EDIE GOLDMAN	USA	1:03.49 AILEEN SOULE	USA	18:22.47 NOBUHIRO WAKIZAKA	JPN	26.74 MANFRED MAHRLE	AUT
3:02.98 VIOLETA BAGET	MEX	100 M. BACK		18:26.63 KAI SEEHAUS	GER	26.78 EIJIRO NIREKI	JPN
3:11.75 GRACE HACKETT	AUS	2:23.23 AILEEN SOULE	USA	18:29.91 BENJAMIN MORSE	USA	26.79 KUNIO TAKASU	JPN
200 M. FREE		200 M. BACK		18:31.04 ANDREAS GLASENAPP	GER	100 M. FLY	
4:26.52 UME WADA	JPN	9:16.56 DEL ROWLEY	AUS	18:35.47 FRANK NANNI	GER	56.86 R.FIUZA NETO	BRA
5:15.39 JULIA DOLCE	USA	100 M. BRST		50 M. BACK		57.09 HIDEYUKI CHIGIRA	JPN
6:03.62 ELLEN TAIT	USA	5:06.09 DEL ROWLEY	AUS	28.14 JEFF WELECHUK	CAN	58.23 ANTONIO SILVA JR	BRA
6:18.78 VIOLETA BAGET	MEX	*****		28.18 TAKURO KOJIMA	JPN	59.02 BRIAN ALDERMAN	USA
6:23.05 MADELINE MILLER	USA	*****		28.45 VLADIMIR RIBEIRO	BRA	59.05 DAVID CHANEY	GBR
7:43.79 GRACE HACKETT	AUS	*****		28.54 S.MARUYAMA	JPN	59.13 JEFFREY RODDIN	USA
400 M. FREE		*****		28.79 RICARDO SILVA	BRA	59.18 EUAN STEWART	GBR
12:51.25 ELLEN TAIT	USA	*****		28.86 JEFFREY RODDIN	USA	59.66 BILL ZOLNA	USA
800 M. FREE		*****		28.88 MICHAEL WANDREY	GER	59.77 RICHARD STENT	GBR
23:28.02 JULIA DOLCE	USA	*****		28.93 ARI JAAKKOLA	FIN	59.97 CARSTEN OHMES	GER
27:59.55 VIOLETA BAGET	MEX	*****		29.11 THOMAS FLEMMING	GER	200 M. FLY	
50 M. BACK		*****		29.21 LIONEL DUWAT	FRA	2:10.79 BILL ZOLNA	USA
1:11.72 JEWEL COOKE	USA	*****		100 M. BACK		2:11.00 RICHARD STENT	GBR
1:12.03 EDIE GOLDMAN	USA	*****		1:00.49 JEFF WELECHUK	CAN	2:11.62 DAVID RUSSELL	GBR
1:12.16 M.GOTTSCALK	GER	*****		1:01.14 VLADIMIR RIBEIRO	BRA	2:12.95 KYLE KIMBALL	USA
1:25.67 MADELINE MILLER	USA	*****		1:01.75 DARRYL FOLLOWS	NZL	2:14.24 MATTHEW DRISCOLL	GBR
1:28.93 TSUNE HIRASE	JPN	50 M. FREE		1:02.52 LIONEL DUWAT	FRA	2:14.27 TAKASHI SUGISAWA	JPN
1:33.99 PATIENCE MILLER	USA	24.09 TOMMY RUNDGREN	FIN	1:02.58 VADIM FORAFONOV	RUS	2:14.76 ANTONIO SILVA JR	BRA
1:36.48 GRACE HACKETT	AUS	24.13 NEILL WILLIAMS	USA	1:02.76 HIROSHI SHIBAMURA	JPN	2:16.41 RENATO CORDANI	BRA
1:37.32 ELIZABETH DZIADUS	USA	24.24 M.GIALDI	ITA	1:03.22 MICHAEL WANDREY	GER	2:16.65 CARSTEN OHMES	GER
1:45.17 SHIZUE SHIMIZU	JPN	24.37 MARTIN LEVINE	GBR	1:03.28 ROBERT BERRY	USA	2:17.97 DIDIER MAATS	BEL
2:28.68 GRACE HIDDLESON	USA	24.41 KAZUHIKO YAMAKAWA	JPN	1:03.80 SVEN GRUNERT	GER	200 M. I.M.	
100 M. BACK		24.52 YASUAKI HIRUMA	JPN	1:04.06 GAVIN ROWSELL	GBR	2:13.11 RENATO RAMALHO	BRA
2:40.83 JEWEL COOKE	USA	24.67 JASON GEDMIN	JPN	200 M. BACK		2:14.32 BILL ZOLNA	USA
2:41.22 M.GOTTSCALK	GER	24.71 JAANI VIRTANEN	FIN	2:12.00 DARRYL FOLLOWS	NZL	2:14.52 VADIM FORAFONOV	RUS
2:50.11 EDIE GOLDMAN	USA	24.73 CRAIG EDDLESTON	GBR	2:14.05 RENATO RAMALHO	BRA	2:15.01 KAZUHIKO YAMAKAWA	JPN
2:59.33 MADELEINE MILLER	USA	24.81 TAKESHI ABE	JPN	2:15.09 VADIM FORAFONOV	RUS	2:15.24 ABRAHAM SOLANO	USA
3:54.85 GRACE HACKETT	AUS	100 M. FREE		2:15.53 JEFF WELECHUK	CAN	2:15.48 NEILL WILLIAMS	USA
		52.18 MIKE FIBBENS	GBR				



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1996

2:15.72	R.FIUZA NETO	BRA	17:43.25	C.CAVANAUGH	USA	26.88	TOMOHIRO NOGUCHI	JPN	2:05.53	MARTYN PRICE	GBR
2:16.36	ULF HAUSMANN	GER	17:43.47	MICHAEL MOORE	USA	26.90	FABRIZIO BORRELLI	ITA	2:06.00	DANIEL SULLIVAN	USA
2:16.41	RENATO CORDANI	BRA	17:50.05	TODD CLARK	USA	26.90	NICOLUS VAUGHAN	GBR	2:06.70	GUDO HEMELTJEN	NED
2:16.42	CHRIS BARRETT	USA	18:07.40	DENNIS TESCH	USA	100 M.	FLY		2:07.35	GORAN ANDERSSON	SWE
400 M.	I.M.		18:10.45	ROBERT HUDEK	USA	56.69	MICHAEL ARTINGER	GER	400 M.	FREE	
4:43.60	RENATO RAMALHO	BRA	50 M.	BACK		57.87	IAN BECK	GBR	4:17.56	KIRK ANDERSON	USA
4:45.84	MATTHEW DRISCOLL	GBR	28.74	RICARDO OGATA	BRA	58.05	MARK NOETZEL	USA	4:19.29	BILL PALMER	USA
4:46.52	RENATO CORDANI	BRA	28.89	TOSHIHIRO KONDO	JPN	58.42	NEAL MOORES	USA	4:27.01	MIKE KECK	USA
4:48.27	VADIM FORAFONOV	RUS	29.06	JANNE VIRTANEN	FIN	58.80	OTAVIO SILVA	BRA	4:30.70	MARTYN PRICE	GBR
4:49.49	BILL ZOLNA	USA	29.17	KEVIN BOYD	GBR	58.95	DAVID EMERSON	GBR	4:32.55	SCOTT RABALAIS	USA
4:50.31	GREGORY SCHAFFER	USA	29.42	PATRICK FERLAND	SUI	59.48	A.LAVEGLIA	ITA	4:34.20	WILLIAM SPECHT	USA
4:51.94	ABRAHAM SOLANO	USA	29.46	JASON AUSTIN	GBR	59.87	NICOLUS VAUGHAN	GBR	4:36.58	JOHN LOWE	USA
4:53.72	ULF HAUSMANN	GER	29.55	MAMORU KAZAHAYA	JPN	1:00.10	ROBERTO CLAUSI JR	BRA	4:36.97	MATT CLARK	USA
5:00.38	SVEN GRUNERT	GER	29.58	SIMON HOOPER	GBR	1:00.23	CALVIN HARRIS	GBR	4:37.06	LARRY BLACK	USA
5:02.93	IGOR ORDINARTSEV	RUS	29.64	BERND POHL	GER	200 M.	FLY		4:37.07	GARY QUINN	USA
			29.70	MOTOMU SUZUKI	JPN	2:06.84	IAN BECK	GBR	800 M.	FREE	
*****			100 M.	BACK		2:10.33	PETER EGAN	USA	8:38.73	ROWDY GAINES	USA
M E N 30-34			1:02.22	TOSHIHIRO KONDO	JPN	2:11.08	MIKE SCHAFFER	USA	8:46.26	JIMMY FURRER	SUI
*****			1:02.45	JASON AUSTIN	GBR	2:12.10	A.LAVEGLIA	ITA	8:54.68	KIRK ANDERSON	USA
50 M.	FREE		1:02.64	RICARDO OGATA	BRA	2:13.07	MICHAEL ARTINGER	GER	8:55.48	JEFF STUART	USA
22.80	ROBERT PEEL	USA	1:02.83	KEVIN BOYD	GBR	2:14.33	IGOR VAZHENIN	USA	8:58.05	BILL PALMER	USA
24.51	LARS HINNEBURG	GER	1:03.29	TAKESHI ITABASHI	JPN	2:16.02	CALVIN HARRIS	GBR	9:09.35	MIKE KECK	USA
24.68	JANNE VIRTANEN	FIN	1:04.21	SCOTT EWALT	USA	2:17.60	DAMIANO NANETTI	ITA	9:17.71	JOSEPH RHYNE	USA
24.72	MARK NOETZEL	USA	1:04.37	SIMON HOOPER	GBR	2:18.36	LUTZ MOSES	GER	9:26.92	SCOTT RABALAIS	USA
24.80	OTAVIO P. SILVA	BRA	1:04.91	BERND POHL	GER	2:18.44	STEPHEN SEGRETO	USA	9:28.35	GUDO HEMELTJEN	NED
24.84	J. PRONEK	CZE	1:05.18	PETER THIEL	CZE	200 M.	I.M.		9:28.88	GORAN ANDERSSON	SWE
24.85	DAVID BOATWRIGHT	USA	1:05.35	MIROSLAV SMRCKA	CZE	2:09.86	RON KARNAUGH	USA	1500 M.	FREE	
24.89	J. MICHEL DUBRASQU	FRA	200 M.	BACK		2:15.75	ROLAND LEE	GBR	17:17.84	JIMMY FURRER	SUI
24.89	MARK VANDER MEY	USA	2:15.95	UWE LIEBERMANN	GER	2:16.20	UWE LIEBERMANN	GER	17:49.96	RUSSELL FLETCHER	AUS
24.97	KEVIN HARRISON	GBR	2:17.16	JASON AUSTIN	GBR	2:16.84	A.LAVEGLIA	ITA	18:00.09	SCOTT RABALAIS	USA
100 M.	FREE		2:18.87	RICARDO OGATA	BRA	2:18.34	ROBERTO CLAUSI JR	BRA	18:01.91	MIKE KECK	CAN
52.36	MARK NOETZEL	USA	2:20.14	SCOTT EWALT	USA	2:18.35	CALVIN HARRIS	GBR	18:30.52	IAN MCCLOY	CAN
53.64	ROLAND LEE	GBR	2:20.18	TOSHIHIRO KONDO	JPN	2:18.87	MICHAEL GREEN	USA	18:32.02	THOMAS NORRENBURG	GER
54.06	DAVID BOATWRIGHT	USA	2:20.88	KEVIN BOYD	GBR	2:18.94	BOB JENNINGS	USA	18:33.52	LARRY BLACK	USA
54.08	BRUCE HAYES	USA	2:21.81	TAKESHI ITABASHI	JPN	2:19.51	TOMOHIRO NOGUCHI	JPN	18:33.94	MARK HAHN	USA
54.45	IAN BECK	GBR	2:22.52	PETER THIEL	CZE	2:20.34	DETLEF LEU	AUT	18:37.70	L. MEISENHEIMER	USA
54.79	OTAVIO SILVA	BRA	2:23.23	MANFRED KODER	GER	400 M.	I.M.		18:48.66	M. GOTTSCALK	GER
54.80	ROBERTO CLAUSI JR	BRA	2:23.40	A.LAVEGLIA	ITA	4:49.36	BRUCE HAYES	USA	50 M.	BACK	
54.81	G. BACHMANN	FRA	50 M.	BRST		4:50.04	UWE LIEBERMANN	GER	29.16	CRAIG NORREY	SUI
54.84	MICHAEL GREEN	USA	30.74	ROBERTO TARRICONE	ITA	4:53.73	IAN BECK	GBR	29.28	A. SIDORENKO	UKR
55.08	LUTZ MOSES	GER	30.76	JONATHAN BROWN	GBR	4:56.44	MANFRED KODER	GER	29.29	JOE REINHARDT	USA
200 M.	FREE		30.77	ROMAN PETROV	RUS	4:58.22	CALVIN HARRIS	GBR	29.49	R. GAVBOA	VEN
1:59.28	MARIO KOCH	GER	30.99	DEWEY WYATT	USA	5:00.30	A.LAVEGLIA	ITA	29.71	PAUL FRENTSOS	USA
1:59.32	ROLAND LEE	GBR	31.06	MARK VANDER MEY	USA	5:01.42	LUIZ ZULLIETTI	BRA	29.85	I. OMETTCHENKO	RSA
1:59.46	BRUCE HAYES	USA	31.09	NEWTON KAMINSKI	BRA	5:03.92	TODD CLARK	USA	29.95	JAMES BALLARD	USA
1:59.97	IGOR VAZHENIN	USA	31.20	MARCO BOBBIO	ITA	5:06.34	THOMAS KIPP	GER	30.01	CURT LACOUNT	USA
2:00.49	UWE LIEBERMANN	GER	31.20	MARK HANLON	GBR	5:07.85	MICHAEL NEAL	USA	30.29	SCOTT SHAKE	USA
2:00.96	IAN BECK	GBR	31.25	G. BACHMANN	FRA	*****			30.32	CLAUS SWATOSCH	GER
2:02.93	NEAL MOORES	RSA	31.44	C. VILFROY	FRA	*****			100 M.	BACK	
2:03.04	G. BACHMANN	FRA	100 M.	BRST		M E N 35-39			1:02.53	WILLIAM SPECHT	USA
2:03.17	RICHARD WILLIAMS	GBR	1:06.68	MARK VANDER MEY	USA	*****			1:03.15	JAMES BALLARD	USA
2:03.20	A.LAVEGLIA	ITA	1:09.55	DAVE MILBURN	GBR	50 M.	FREE		1:03.74	JOE REINHARDT	USA
400 M.	FREE		1:09.56	BOB JENNINGS	USA	23.59	STEFAN VOLERY	SUI	1:04.03	CRAIG NORREY	SUI
4:14.62	ROLAND LEE	GBR	1:09.75	MICHAEL HEIMSOTH	GER	24.01	ROWDY GAINES	USA	1:04.77	GLENN PATCHING	USA
4:15.38	BRUCE HAYES	USA	1:10.10	JAMES COLE	GBR	24.30	DAVID LOWE	GBR	1:05.25	STEVE BURCHAM	GBR
4:19.32	PETER EGAN	USA	1:10.33	G. BACHMANN	FRA	24.50	THOMAS REDIG	USA	1:05.94	SCOTT SHAKE	USA
4:21.88	GERRY RODRIGUES	USA	1:10.45	NEWTON KAMINSKI	BRA	24.93	KEVIN HOOK	USA	1:06.33	CURT LACOUNT	USA
4:22.85	MANFRED KODER	GER	1:10.58	MATTHEW GOMEZ	GBR	25.00	RICARDO SANTOS	BRA	1:06.58	GARY QUINN	USA
4:23.98	JEFF ERWIN	USA	1:10.66	GLENN MILLS	USA	25.16	BRENT BARNES	JPN	1:06.66	I. OMETTCHENKO	RSA
4:24.17	UWE LIEBERMANN	GER	1:10.81	C. VILFROY	FRA	25.17	JOE REINHARDT	USA	200 M.	BACK	
4:24.46	MIKE SCHAFFER	USA	200 M.	BRST		25.38	R. GAVBOA	VEN	2:15.93	WILLIAM SPECHT	USA
4:25.69	ROBERT HUDEK	USA	2:30.18	MARK VANDER MEY	USA	25.43	SAM SEIPLE	USA	2:18.73	DJAN MADRUGA	BRA
4:27.21	MICHAEL MOORE	USA	2:32.44	MANFRED KODER	GER	100 M.	FREE		2:22.20	SCOTT SHAKE	USA
800 M.	FREE		2:32.44	THOMAS KIPP	GER	54.34	KEVIN HOOK	USA	2:24.39	JOSEPH RHYNE	USA
8:47.93	IAN BECK	GBR	2:32.53	MICHAEL HEIMSOTH	GER	54.41	DAVID LOWE	GBR	2:25.13	STEVE BURCHAM	GBR
8:48.38	MARIO KOCH	GER	2:32.64	BOB JENNINGS	USA	55.26	RICARDO SANTOS	BRA	2:25.48	ANDREAS SEIBT	USA
8:54.94	UWE LIEBERMANN	GER	2:34.95	NEWTON KAMINSKI	BRA	55.45	THOMAS REDIG	USA	2:25.87	DAVID BURLESON	USA
9:03.68	MIKE SCHAFFER	USA	2:35.97	PETER HELEIN	GER	55.90	MARTYN PRICE	GBR	2:26.22	MICHAEL GOLDMANN	GER
9:17.75	EDUARDO DOMINGUES	BRA	2:36.57	DAVE MILBURN	GBR	56.08	CRAIG NORREY	SUI	2:26.61	H. YAMASHITA	JPN
9:19.33	K. OVERBEEKE	NED	2:37.98	MATTHEW GOMEZ	GBR	56.41	HELMUT WERNER	GER	2:29.12	MALCOLM PEACOCK	GBR
9:22.68	RICHARD WILLIAMS	GBR	2:38.37	DANIEL ALLEN	USA	56.41	JOE REINHARDT	USA	50 M.	BRST	
9:24.47	KEVIN BOYD	GBR	50 M.	FLY		56.46	MARK MORGAN	AUS	29.40	GERALD MORKEN	GER
9:25.48	MICHAEL MOORE	USA	26.02	FLAVIO LYRA	BRA	56.55	CYRO DELGADO	BRA	30.97	DAVID GUTHRIE	USA
9:26.89	TODD CLARK	USA	26.03	MICHAEL ARTINGER	GER	200 M.	FREE		31.38	JEAN SOUTADE	FRA
1500 M.	FREE		26.07	MARK NOETZEL	USA	2:00.37	ROWDY GAINES	USA	31.38	GERHARD AMMER	GER
16:51.10	JEFF ERWIN	USA	26.11	LARS HINNEBURG	GER	2:00.74	KIRK ANDERSON	USA	31.39	STEFAN VOLERY	SUI
17:10.74	BRUCE HAYES	USA	26.17	PETER EGAN	USA	2:02.21	JIMMY FURRER	SUI	31.48	A. SIDORENKO	UKR
17:19.55	MANFRED KODER	GER	26.57	OTAVIO SILVA	ITA	2:02.60	BILL PALMER	USA	31.54	P. MORENO	COL
17:23.32	UWE LIEBERMANN	GER	26.70	ROBERTO TARRICONE	BRA	2:04.03	MIKE KECK	USA	31.85	JOAO JORDY	BRA
17:37.26	MARIO KOCH	GER	26.75	NEAL MOORES	RSA	2:04.73	RICARDO SANTOS	BRA	31.93	DOUG VANDERBY	CAN



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1996

31.98 GARRET RATCLIFFE	USA	*****	M E N 40-44	1:04.00 THOMAS WOLF	USA	2:21.12 STEPHEN NASH	GBR
100 M. BRST		*****		1:04.49 CLAY EVANS	USA	2:25.21 NEIL WASSERMAN	USA
1:06.86 DAVID GUTHRIE	USA	50 M. FREE		1:04.83 MARK LIST	USA	2:25.63 RANDY WILLIAMS	USA
1:07.54 P.MORENO	COL	24.92 V.GALAVTINE	FRA	1:06.84 EDDIE RIACH	GBR	2:26.36 GRANT SIMPSON	AUS
1:11.23 A.SIDORENKO	UKR	25.15 RICK ABBOTT	USA	1:07.28 JAMIE BAIRD	USA	2:28.59 CHARLES YOURD	USA
1:11.33 GARRET RATCLIFFE	USA	25.73 ROGER KAHN	USA	1:08.28 KURT MOEHLMANN	USA	2:29.06 KAZUHIRO OTSUKA	JPN
1:11.47 GREGOR ARNICKE	GER	25.75 ROSS CLARKE	AUS	1:08.84 SHUNJI NAGAHAMA	JPN	2:32.68 ROBERT WRIGHT	USA
1:11.58 DOUG VANDERBY	CAN	25.85 VILEM CEJKA	CZE	1:09.45 SIMON VEALE	GBR	200 M. I.M.	
1:11.68 JEAN SOUTADE	FRA	25.99 JOSE CUNNINGHAM	USA	1:09.45 TERRY JAYNES	USA	2:17.78 HESS YNTEMA	USA
1:11.76 MICHAEL HAMM	USA	26.00 JOHN PIECUCH	USA	1:09.81 PIERRE BAEHR	FRA	2:22.53 CLAY EVANS	USA
1:11.77 GERHARD AMMER	GER	26.06 NIKOLAI CHIBAREV	RUS	200 M. BACK		2:23.68 THOMAS WOLF	USA
1:11.79 YOSHIIHIDE KAGAMI	JPN	26.12 HIROYUKI AMAZAKI	JPN	2:19.98 CLAY EVANS	USA	2:23.90 THOMAS BOYD	USA
200 M. BRST		26.24 CRAIG BURNS	USA	2:21.17 THOMAS WOLF	USA	2:24.69 RICK ABBOTT	USA
2:29.20 P.MORENO	COL	100 M. FREE		2:21.91 MARK LIST	USA	2:25.28 SIMON VEALE	GBR
2:37.16 RON SCHAFFER	USA	54.45 V.GALAVTINE	FRA	2:24.61 EDDIE RIACH	GBR	2:25.46 NEIL WASSERMAN	USA
2:38.86 DOUG VANDERBY	CAN	55.31 RICK ABBOTT	USA	2:25.55 FRED FERROGGIARO	USA	2:26.04 EDDIE RIACH	GBR
2:38.88 DAVID TOWN	CAN	56.25 VILEM CEJKA	CZE	2:26.83 PAUL WINDRATH	USA	2:27.42 TOM REUDY	USA
2:40.59 BARRY O'BRIEN	GBR	56.80 ROSS CLARKE	AUS	2:29.14 JAMIE BAIRD	USA	2:28.43 PAUL WINDRATH	USA
2:41.37 MICHAEL HAMM	USA	57.46 CHARLES QUIBELL	RSA	2:31.53 KURT MOEHLMANN	USA	400 M. I.M.	
2:41.52 MATTHEW KANZLER	USA	57.80 THOMAS BOYD	USA	2:31.98 PIERRE BAEHR	FRA	5:05.48 DAVID SHEPHERD	USA
2:41.58 WALTER SYRETT	GBR	57.82 CRAIG BURNS	USA	2:32.67 TERRY JAYNES	USA	5:09.55 EDDIE RIACH	GBR
2:43.71 UDO PFLASTERER	GER	58.12 LARRY WOOD	USA	50 M. BRST		5:10.09 NEIL WASSERMAN	USA
2:44.06 OLIVER HAMPE	GER	58.30 PAUL ROSE	GBR	31.81 JURGEN BRUHN	GER	5:15.50 THOMAS WOLF	USA
50 M. FLY		58.37 NIKOLAI CHIBAREV	RUS	31.84 RONNY OLTNER	SWE	5:20.51 TIMOTHY SHEAD	RSA
26.22 ROWDY GAINES	USA	200 M. FREE		32.46 NEVILLE BARTON	GBR	5:21.99 THOMAS BOYD	USA
26.36 JEFF STUART	USA	2:03.55 HESS YNTEMA	USA	32.58 GLEN SOCHACKYJ	VEN	5:22.01 STEPHANE HUGOT	FRA
26.43 WILLIAM SPECHT	USA	2:04.99 DAVID SHEPHERD	USA	32.60 DAVID LEIGH	GBR	5:22.80 JOHN CAMPBELL	GBR
26.44 DAVID LOWE	GBR	2:07.18 LARRY WOOD	USA	32.65 TIMOTHY SHEAD	RSA	5:23.26 PAUL WINDRATH	USA
26.61 THOMAS REDIG	USA	2:07.40 HOWARD JAY	USA	32.93 CHRIS NICOL	CAN	5:26.20 CHARLES YOURD	USA
26.68 R.GAVBOA	VEN	2:07.84 PAUL WINDRATH	USA	33.06 VLADIMIR LIPETSKI	RUS		
26.81 JAMES BALLARD	USA	2:08.30 CHARLES QUIBELL	RSA	33.11 JOSE CUNNINGHAM	USA	*****	
27.17 BRENT BARNES	JPN	2:09.02 PAUL ROSE	GBR	33.54 GREG BRANNICK	USA	M E N 45-49	
27.32 RICARDO SANTOS	BRA	2:09.69 SIMON VEALE	GBR	100 M. BRST		*****	
27.42 MARK MORGAN	AUS	2:11.07 TOM REUDY	USA	1:09.79 JURGEN BRUHN	GER	50 M. FREE	
100 M. FLY		2:11.64 THOMAS BOYD	USA	1:12.06 RONNY OLTNER	SWE	25.47 TERRY DOWNES	RSA
56.60 JEFF STUART	USA	400 M. FREE		1:12.67 TIMOTHY SHEAD	RSA	26.38 ROBERT PUELS	USA
58.42 WILLIAM SPECHT	USA	4:20.37 HESS YNTEMA	USA	1:13.13 CHRIS NICOL	CAN	26.47 TIM BRODERICK	USA
59.76 SERGUEI FESSENKO	UKR	4:24.21 DAVID SHEPHERD	USA	1:13.77 GLEN SOCHACKYJ	VEN	26.62 ALEXANDER MILLS	GBR
1:00.37 RICARDO SANTOS	BRA	4:35.63 LARRY WOOD	USA	1:14.20 VLADIMIR LIPETSKI	RUS	26.78 R.DOBELMANN	FRA
1:01.08 THOMAS REDIG	USA	4:36.19 PAUL WINDRATH	USA	1:14.30 DAVID LEIGH	GBR	26.83 RICHARD BOBER	USA
1:01.43 PAUL FRENTSOS	USA	4:39.55 NEIL WASSERMAN	USA	1:14.75 JOSE CUNNINGHAM	USA	26.85 SHIGEO HARA	JPN
1:01.43 ANDREAS SCHMIDT	GER	4:42.90 DAVID SCHRADER	USA	1:14.77 JOHN HARKER	GBR	26.94 RANDY SIMONS	USA
1:01.81 KERRY O'BRIEN	USA	4:43.51 CHARLES YOURD	USA	1:14.79 NEVILLE BARTON	GBR	27.01 WILLIAM DRULIAS	USA
1:02.21 TED SOLTYS	USA	4:44.25 DANIEL PICK	USA	200 M. BRST		27.05 STEVEN HECK	USA
1:02.21 SAM SEIPLE	USA	4:44.63 FRED MAYER	USA	2:34.57 JURGEN BRUHN	GER	100 M. FREE	
200 M. FLY		4:44.75 SIMON VEALE	GBR	2:39.44 GREG HARRISON	USA	56.69 TERRY DOWNES	RSA
2:06.74 JEFF STUART	USA	800 M. FREE		2:41.16 CHRIS NICOL	CAN	56.73 TIM BRODERICK	USA
2:09.35 WILLIAM SPECHT	USA	9:16.82 HOWARD JAY	USA	2:43.06 RICHARD ENRIGHT	USA	58.45 ALEXANDER MILLS	GBR
2:19.11 HUGO BREGMAN	NED	9:26.58 DAVID SHEPHERD	USA	2:43.41 RONNY OLTNER	SWE	59.28 WILLIAM DRULIAS	USA
2:19.47 KERRY O'BRIEN	USA	9:40.55 LARRY WOOD	USA	2:44.04 TIMOTHY SHEAD	RSA	59.54 LEONARD BROCKHAHN	USA
2:22.48 JOHN CARMAN	AUS	9:45.38 SIMON VEALE	GBR	2:44.31 HERBERT BLOCH	GER	59.56 BOO GRANER GALLAS	USA
2:23.29 DANIEL SULLIVAN	USA	9:46.37 EDDIE RIACH	GBR	2:46.11 GREG BRANNICK	USA	59.78 ANDREW MC PHERSON	USA
2:24.28 JOSEPH RHYNE	USA	9:48.55 JOHN CAMPBELL	GBR	2:46.64 PATRICK DI BIASE	USA	59.86 H.HARBRECHT	GER
2:24.71 MATTHEW KANZLER	USA	9:50.63 CHARLES YOURD	USA	2:46.82 JOHN HARKER	GBR	1:00.07 TYRONE TOZER	RSA
2:27.02 THOMAS NORRENBERG	GER	9:52.00 NEIL WASSERMAN	USA	50 M. FLY		1:00.19 DAVID TANNER	USA
2:27.09 RUSSELL FLETCHER	AUS	9:53.44 DAVID SCHRADER	USA	27.00 RICK ABBOTT	USA	200 M. FREE	
200 M. I.M.		9:54.48 RICK SCRAY	USA	27.56 V.GALAVTINE	FRA	2:03.71 TIM BRODERICK	USA
2:16.23 SERGUEI FESSENKO	UKR	1500 M. FREE		27.60 CLAY EVANS	USA	2:06.41 TERRY DOWNES	RSA
2:17.72 DAVID TOWN	CAN	17.46.76 DAVID SHEPHERD	USA	28.11 CRAIG BURNS	USA	2:07.54 ALEXANDER MILLS	GBR
2:18.83 MIKE KECK	USA	18:36.88 NEIL WASSERMAN	USA	28.29 JAMIE BAIRD	USA	2:09.63 LEONARD BROCKHAHN	USA
2:19.02 DJAN MADRUGA	BRA	18:37.67 EDDIE RIACH	GBR	28.32 RENE PLAESCHKE	GER	2:10.12 TOD SPIEKER	USA
2:20.47 THOMAS REDIG	USA	18:50.88 LARRY WOOD	USA	28.36 SIMON VEALE	GBR	2:11.31 TYRONE TOZER	RSA
2:21.50 MATT CLARK	USA	18:54.03 NED MAGGIORA	USA	28.41 KEVIN MCCORMACK	USA	2:11.97 JOHN NOLAN	USA
2:22.73 PAUL FRENTSOS	USA	18:59.48 FRED MAYER	USA	28.43 FREDERICK EHMKE	USA	2:14.13 DAVID TANNER	USA
2:23.09 MARTYN PRICE	GBR	19:07.28 SCOTT HARRIS	USA	28.44 JOHN MILLS	GBR	2:14.48 WILLIAM DRULIAS	USA
2:24.31 HUGO BREGMAN	NED	19:20.34 FRANK THOMPSON	USA	100 M. FLY		2:15.52 H.HARBRECHT	GER
2:24.35 GARETH PARKER	GBR	19:23.10 MAURIZIO CASTAGNA	ITA	1:02.54 V.GALAVTINE	FRA	400 M. FREE	
400 M. I.M.		19:29.49 DAVID SCHRADER	USA	1:02.98 SIMON VEALE	GBR	4:24.37 TIM BRODERICK	USA
4:58.19 DJAN MADRUGA	BRA	50 M. BACK		1:03.01 STEPHEN NASH	GBR	4:34.24 RANDY WILLIAMS	USA
5:01.23 MIKE KECK	USA	29.10 CLAY EVANS	USA	1:03.18 THOMAS BOYD	USA	4:37.72 TOD SPIEKER	USA
5:01.94 DAVID TOWN	CAN	29.84 THOMAS WOLF	USA	1:03.35 FREDERICK EHMKE	USA	4:38.08 TODD BRYAN	USA
5:06.10 MATT CLARK	USA	29.87 RICK ABBOTT	USA	1:03.95 TERRY JAYNES	USA	4:38.14 JOHN NOLAN	USA
5:07.87 GARY QUINN	USA	30.40 JAMIE BAIRD	USA	1:04.19 CRAIG BURNS	USA	4:46.80 KEITH BELL	USA
5:09.72 PAUL FRENTSOS	USA	30.74 TIMOTHY ROURKE	USA	1:04.98 KEVIN MCCORMACK	USA	4:47.87 JIM CLEMMONS	USA
5:10.46 GARETH SYKES	GBR	30.96 GRAHAM POWELL	GBR	1:05.62 TREVOR CLARK	GBR	4:49.49 FELIX GMUNDER	SUI
5:12.00 ANDREAS SEIBT	USA	31.02 RICHARD BROWN	USA	1:05.75 MICHAEL DALTON	AUS	4:53.06 MARVIN SCHWARTZ	USA
5:12.67 HUGO BREGMAN	NED	31.14 PIERRE BAEHR	FRA	200 M. FLY		4:54.85 D.UYTENBOGAART	NED
5:14.14 MATTHEW KANZLER	USA	31.28 SHUNJI NAGAHAMA	JPN	2:12.43 HESS YNTEMA	USA	800 M. FREE	
		31.33 TREVOR CLARK	GBR	2:20.59 HOWARD JAY	USA	9:16.09 TIM BRODERICK	USA
*****		100 M. BACK		2:20.64 DAVID SHEPHERD	USA	9:23.77 TODD BRYAN	USA



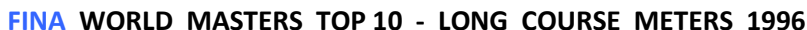
FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1996

9:30.35	TOD SPIEKER	USA	2:50.14	MIKE WHITAKER	USA	59.30	TONY JARVIS	CAN	2:46.08	CHRIS STEVENSON	CAN
9:31.86	RANDY WILLIAMS	USA	2:51.80	JIM CLEMMONS	USA	59.49	CHRIS DUNN	GBR	2:46.41	WILLIAM BACON	USA
9:37.74	JOHN NOLAN	USA	2:52.60	MIKE MORROW	CAN	1:00.13	DERECK KUHLMLEY	RSA	2:47.14	DAVID LANGLEY	GBR
9:56.31	TYRONE TOZER	RSA	2:53.43	MANFRED ZEHR	GER	1:00.36	TIM BIRNIE	USA	50	M. BRST	
10:02.38	D.UITENBOGAART	NED	2:53.70	RICK WALKER	USA	1:00.47	DAVE QUIGGIN	USA	33.23	ROBERT STRAND	USA
10:07.28	MIKE MORROW	CAN	50	M. FLY		1:01.02	WILLIAM WILSON	RSA	34.17	YOSHITADA MAEDA	JPN
10:08.94	KEITH BELL	USA	27.92	DAN THOMPSON	USA	200	M. FREE		35.29	B. ROBERTSON-DUNN	AUS
10:09.09	MARVIN SCHWARTZ	USA	28.14	LAWRENCE DAY	USA	2:08.98	A.MACGREGOR	GBR	35.31	KLAUS KATZUR	GER
1500	M. FREE		28.22	GARY HALL	USA	2:12.12	CHRIS DUNN	GBR	35.40	GABOR MENYHARTH	USA
17:38.65	TODD BRYAN	USA	28.32	JOHN FOOTE	USA	2:12.56	TIM BIRNIE	USA	35.59	SHUNJI KUBONO	JPN
17:59.97	TIM BRODERICK	USA	28.69	ERIC HENDERSON	GBR	2:13.93	TIMOTHY GARTON	USA	35.59	KEN FROST	USA
18:02.51	RANDY WILLIAMS	USA	28.72	G.FERRREIRA	TRI	2:14.26	KEEFE LODWIG	USA	35.64	SYLVIO RIBEIRO	BRA
18:16.14	TOD SPIEKER	USA	28.83	SHIGEO ASANO	JPN	2:15.27	MOSHE GERTEL	ISR	35.75	HERBERT GRUBER	GER
19:11.61	D.UIJTENBOGAART	NED	28.85	ARTHUR DEFFAA	USA	2:16.02	ROBERT CASEY	USA	35.78	JIM DRAGON	USA
19:12.19	JOHN NOLAN	USA	28.93	STEVE BOSTER	USA	2:17.20	WILLIAM WILSON	RSA	100	M. BRST	
19:14.34	KEITH BELL	USA	28.97	JOHN DERR	USA	2:17.28	EDWARD CAZALET	USA	1:12.38	ROBERT STRAND	USA
19:20.47	FELIX GMUNDER	SUI	100	M. FLY		2:19.10	DUNCAN MCCREADIE	GBR	1:17.80	GERSHON SHEFA	ISR
19:25.94	MIKE MORROW	CAN	1:02.47	BOO GRANER GALLAS	USA	400	M. FREE		1:19.66	YOSHITADA MAEDA	JPN
19:48.51	STEVEN HECK	USA	1:03.51	SHIGEO ASANO	JPN	4:52.21	CHRIS DUNN	GBR	1:19.66	KLAUS KATZUR	GER
50	M. BACK		1:03.51	LAWRENCE DAY	USA	4:58.49	EDWARD CAZALET	USA	1:19.91	PAUL JEFFERS	USA
30.30	RICHARD BOBER	USA	1:03.53	G.FERRREIRA	TRI	4:58.79	SANDY GALLETTY	GBR	1:19.95	SYLVIO RIBEIRO	BRA
31.23	WILLIAM TINGLEY	USA	1:03.73	ERIC HENDERSON	GBR	5:01.00	ROBERT CASEY	USA	1:20.02	JIM DRAGON	USA
31.78	RODERICK SEE	AUS	1:04.01	RANDY WILLIAMS	USA	5:05.29	W WILSON	RSA	1:20.14	WOLFGANG DIERKES	GER
31.82	JOSE LORO	BRA	1:04.98	ARTHUR DEFFAA	USA	5:06.91	VITTORIO ERMIRIO	ITA	1:20.38	TERUO IWATA	JPN
32.09	EBBE RASMUSSEN	DEN	1:05.33	STEVE BOSTER	USA	5:11.43	ANDY WILSON	GBR	1:20.43	PAUL WYATT	AUS
32.18	STEVEN HECK	USA	1:05.37	TIM BRODERICK	USA	5:12.54	TONY CATTERALL	GBR	1:20.43	HOLGER BREMER	GER
32.47	BILL DOW	USA	1:05.38	DAVID TANNER	USA	5:13.54	JEAN CLAUDE FAURE	FRA	200	M. BRST	
32.67	EDWARD MATHEWSON	USA	200	M. FLY		5:14.83	JOHN GRAHAM	USA	2:40.57	ROBERT STRAND	USA
32.77	PAUL LANDES	USA	2:21.84	BOO GRANER GALLAS	USA	800	M. FREE		2:52.42	GERSHON SHEFA	ISR
32.94	BILL BARTHOLD	USA	2:25.41	RANDY WILLIAMS	USA	10:09.42	SANDY GALLETTY	GBR	2:53.86	PAUL WYATT	AUS
100	M. BACK		2:26.77	LAWRENCE DAY	USA	10:13.60	MICHAEL GARIBALDI	USA	2:55.33	PAUL JEFFERS	USA
1:07.16	RICHARD BOBER	USA	2:27.17	DAVID TANNER	USA	10:13.79	CHRIS DUNN	GBR	2:55.59	TEGZE HARASZTI	USA
1:07.31	TERRY DOWNES	RSA	2:28.52	JOHN COVACEVICH	AUS	10:22.25	MOSHE GERTEL	ISR	2:57.24	WOLFGANG DIERKES	GER
1:08.39	TOD SPIEKER	USA	2:29.56	SHIGEO ASANO	JPN	10:28.26	VADIM KUTSENKO	UKR	2:57.93	JOHN CALVERT	USA
1:08.88	RODERICK SEE	AUS	2:30.57	ERIC HENDERSON	GBR	10:29.46	ROBERT CASEY	USA	2:58.12	HOLGER BREMER	GER
1:08.99	WILLIAM TINGLEY	USA	2:30.65	TIM BRODERICK	USA	10:32.06	ANDY WILSON	GBR	3:00.18	ROBERT POILETMAN	USA
1:10.00	JOSE LORO	BRA	2:30.90	FRED SCHLICHER	USA	10:35.00	VITTORIO ERMIRIO	ITA	3:00.55	PETER HOFFT	GER
1:10.37	EBBE RASMUSSEN	DEN	2:32.83	KEITH BELL	USA	10:46.14	TONY CATTERALL	GBR	50	M. FLY	
1:12.37	STEVEN HECK	USA	200	M. I.M.		10:50.26	TEX HARASZTI	USA	27.74	KEEFE LODWIG	USA
1:12.73	BILL BARTHOLD	USA	2:22.06	TIM BRODERICK	USA	1500	M. FREE		28.58	TONY JARVIS	CAN
1:13.63	GRAHAM HARRIS	GBR	2:27.57	TYRONE TOZER	RSA	19:32.88	SANDY GALLETTY	GBR	29.19	BERND SCHRÖDER	GER
200	M. BACK		2:27.65	ANDREW MC PHERSON	USA	19:36.68	ROBERT CASEY	USA	29.24	JOSEF CLARET	ESP
2:26.51	TOD SPIEKER	USA	2:29.81	TERRY DOWNES	RSA	20:28.80	VITTORIO ERMIRIO	ITA	29.36	HARRY GREENFIELD	USA
2:27.01	TERRY DOWNES	RSA	2:30.78	STEVEN HECK	USA	20:32.39	TONY CATTERALL	GBR	29.50	KOJI IWAMOTO	JPN
2:34.33	EBBE RASMUSSEN	DEN	2:32.52	LONNY HARRISON	USA	20:33.58	JOHN SELMER	USA	29.77	KUNTHIRO IWASAKI	JPN
2:36.10	LONNY HARRISON	USA	2:33.84	JIM CLEMMONS	USA	20:56.52	ANDY WILSON	GBR	29.89	DAVE QUIGGIN	USA
2:37.85	WILLIAM TINGLEY	USA	2:34.76	JOHN COVACEVICH	AUS	21:05.79	TONY PEARCE	GBR	30.02	BOB LORD	GBR
2:40.18	BILL BARTHOLD	USA	2:35.65	LEONARD BROCKHAHN	USA	21:14.25	DENNIS MANRIQUE	USA	30.10	JURAJ BRANIK	CZE
2:40.71	JAMES KING	USA	2:36.57	ROBERT PUELS	USA	21:17.37	DAVID REASON	GBR	100	M. FLY	
2:40.96	MARVIN SCHWARTZ	USA	400	M. I.M.		21:20.78	WOLFGANG DIERKES	GER	1:05.82	TONY JARVIS	CAN
2:41.66	BILL DOW	USA	5:10.08	TIM BRODERICK	USA	50	M. BACK		1:07.88	ROBERT POILETMAN	USA
2:41.74	CHIP GLIDDEN	USA	5:13.85	RANDY WILLIAMS	USA	31.57	TIM BIRNIE	USA	1:08.08	KOJI IWAMOTO	JPN
50	M. BRST		5:24.47	TYRONE TOZER	RSA	31.79	JOZSEF CSIKANY	HUN	1:08.72	TIMOTHY GARTON	USA
33.17	DON MC KENZIE	USA	5:27.87	MIKE MORROW	CAN	31.92	VINUS VAN BAALEN	CAN	1:08.90	GIAMPIERO FOSSATI	ITA
33.61	ROBERT PUELS	USA	5:28.27	JIM CLEMMONS	USA	32.20	DERECK KUHLMLEY	RSA	1:08.91	INGVAR ERIKSSON	SWE
33.73	TIM BRODERICK	USA	5:28.61	JOHN NOLAN	USA	32.52	J.LESTIDEAU	FRA	1:08.92	JOSEF CLARET	ESP
33.84	TOSHIHARU FUJII	JPN	5:33.22	KEITH BELL	USA	32.63	PETER HEEREN	GER	1:09.09	HARRY GREENFIELD	USA
34.17	R.DOBELMANN	FRA	5:35.85	STEVEN HECK	USA	32.87	WILLIAM BACON	USA	1:09.14	BERND SCHRÖDER	GER
34.28	PAUL BOULDING	CAN	5:36.45	H CHEADLE	RSA	32.89	JURGEN DIETZE	GER	1:10.08	PAULO FIGUEIREDO	BRA
34.30	ALEXANDER MILLS	GBR	5:43.86	WALDYR RAMOS	BRA	33.16	JAMES BEGLINGER	USA	200	M. FLY	
34.41	ALLEN STARK	USA				33.39	ROBERT SMITH	USA	2:33.99	JOHN CALVERT	USA
34.50	RALF KONIGSHOFEN	GER	*****			100	M. BACK		2:38.59	ROBERT POILETMAN	USA
34.52	R HATHERLEY	RSA	M E N 50-54			1:08.52	TIM BIRNIE	USA	2:43.08	KOJI IWAMOTO	JPN
100	M. BRST		*****			1:10.00	JOZSEF CSIKANY	HUN	2:44.99	J.PEREZ-COSPEDAL	ESP
1:14.79	TIM BRODERICK	USA	50	M. FREE		1:11.56	DERECK KUHLMLEY	RSA	2:47.33	PETER GILMOUR	AUS
1:15.40	DON MC KENZIE	USA	25.93	KEEFE LODWIG	USA	1:12.29	WILLIAM BACON	USA	2:48.56	BERND SCHRÖDER	GER
1:15.43	R HATHERLEY	RSA	26.69	RICHARD ARLUCK	USA	1:13.39	J.LESTIDEAU	FRA	2:48.57	HARRY GREENFIELD	USA
1:15.83	ALLEN STARK	USA	26.80	VINUS VAN BAALEN	CAN	1:13.52	JAMES BEGLINGER	USA	2:49.35	CLAUS KOCH	CAN
1:16.16	MIKE WHITAKER	USA	26.86	TONY JARVIS	CAN	1:15.11	VINUS VAN BAALEN	CAN	2:49.49	JEAN CLAUDE FAURE	FRA
1:17.60	R.DOBELMANN	FRA	26.91	ROBERT STRAND	USA	1:15.85	YOSHIKATSU SAWADA	JPN	2:50.29	PAUL WYATT	AUS
1:17.71	ROBERT PUELS	USA	27.35	CHRIS DUNN	GBR	1:16.31	RALPH BECKMANN	GER	200	M. I.M.	
1:17.95	RICK WALKER	USA	27.38	JIM DRAGON	USA	1:16.70	CHRIS STEVENSON	CAN	2:29.44	TIMOTHY GARTON	USA
1:18.21	STEVEN HECK	USA	27.57	DAVE QUIGGIN	USA	200	M. BACK		2:30.80	JOHN CALVERT	USA
1:18.46	CLAY KOLAR	USA	27.69	HARRY GREENFIELD	USA	2:30.37	JOHN CALVERT	USA	2:38.03	EDWARD CAZALET	USA
200	M. BRST		27.79	ATTILA BANHILDY	HUN	2:32.57	TIM BIRNIE	USA	2:38.08	JAMES BEGLINGER	USA
2:42.64	TIM BRODERICK	USA	100	M. FREE		2:38.89	JOZSEF CSIKANY	HUN	2:38.69	ROBERT POILETMAN	USA
2:46.30	R HATHERLEY	RSA	57.86	KEEFE LODWIG	USA	2:41.89	FOLKERT MEEUW	GER	2:39.37	CHRIS DUNN	GBR
2:47.09	TOSHIHARU FUJII	JPN	58.35	TIMOTHY GARTON	USA	2:43.33	J.LESTIDEAU	FRA	2:40.13	SANDY GALLETTY	GBR
2:49.58	BILL PRICE	GBR	58.83	RICHARD ARLUCK	USA	2:44.01	JOSEPH GUIGNON	USA	2:40.16	PAUL WYATT	AUS
2:49.96	ALLEN STARK	USA	59.24	A.MACGREGOR	GBR	2:45.68	PAUL HEBERT	USA	2:40.25	GIAMPIERO FOSSATI	ITA



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1996

2:42.50	JURGEN ALTENHOFEN	GER	22:08.00	MURRAY MC LACHLAN	USA	1:09.74	AKIRA TAKAKURA	JPN	400 M. FREE		
400 M. I.M.			22:14.06	WILLIAM TIMKEN	USA	1:10.74	R.LLOYD-MOSTYN	GBR	5:29.94	CAV CAVANAUGH	USA
5:20.78	JOHN CALVERT	USA	50 M. BACK			1:12.89	CHITOSHI KONISHI	JPN	5:32.01	JOHN CRISP	AUS
5:36.00	TIMOTHY GARTON	USA	33.04	GRAHAM SYKES	GBR	1:13.11	PAUL KURHAJEC	AUT	5:32.35	BILL ROBERTSON	USA
5:43.71	EDWARD CAZALET	USA	33.34	RICHARD BASSI	USA	1:13.65	TADASHI IWAMOTO	JPN	5:38.35	WERNER MULLER	GER
5:43.96	PAUL WYATT	AUS	33.76	BILL EARLEY	USA	1:13.76	GUNTER SCHOPKE	GER	5:39.31	BRIAN HUTCHINGS	AUS
5:46.13	VICTOR PAUL	AUS	34.71	ADU HEWELCKE	GER	1:14.29	DAVID GILLANDERS	USA	5:40.35	MANFRED STRATE	GER
5:49.36	TEX HARASZTI	USA	34.81	HUGH CUMBERFORD	GBR	1:15.32	DAVID CUMMING	GBR	5:40.40	DIETER LOELIGER	AUS
5:49.93	ROBERT POILETMAN	USA	34.83	KARL DONOGHUE	CAN	1:16.44	LUIS SIMI	BRA	5:42.39	N.MIYAMOTO	JPN
5:50.88	SANDY GALLETTY	GBR	34.87	MASAO KIJIMA	JPN	1:17.08	ERNIE LESKOVITZ	USA	5:43.00	JOHN WEISER	USA
5:56.14	JURGEN ALTENHOFEN	GER	35.20	JOHANNES KREMER	GER	200 M. FLY			5:45.11	HIROSHI ONO	JPN
5:58.83	DENNIS MANRIQUE	USA	35.60	ISAO KOYAMA	JPN	2:51.47	R.LLOYD-MOSTYN	GBR	800 M. FREE		
			35.66	ORRIN NORDSTORM	USA	2:57.73	GUNTER SCHOPKE	GER	11:36.41	RICHARD HANLEY	USA
*****			100 M. BACK			2:58.61	ALFRED JACOB	BRA	11:43.92	JOSEF KREJCI	SUI
M E N 55-59			1:14.42	RICHARD BASSI	USA	2:59.87	DAVID CUMMING	GBR	11:45.66	MANFRED STRATE	GER
*****			1:17.32	ADU HEWELCKE	GER	3:02.71	PAUL KURHAJEC	AUT	11:46.77	BRIAN HUTCHINGS	AUS
50 M. FREE			1:17.67	KARL DONOGHUE	CAN	3:06.89	LUIS SIMI	BRA	11:55.95	DAVID RADCLIFF	USA
27.13	TAKAMASA MARUYAMA	JPN	1:17.91	ANTHONY ANTON	USA	3:07.31	WILLIAM TIMKEN	USA	11:58.40	GEORGE BRUNSTAD	USA
27.47	RYUJI TAKAMINE	JPN	1:18.52	GERARDO STEUDEL	ESP	3:09.44	GUNTER SCHMAH	GER	12:03.83	JOHN WEISER	USA
27.50	PETER BERGENGREN	SWE	1:18.56	JOHANNES KREMER	GER	3:10.75	WILLIAM LETCH	GBR	12:06.15	ARTHUR WELCH	USA
27.95	RICHARD BASSI	USA	1:18.92	GUNTER SCHOPKE	GER	3:11.51	P.WERMELSKIRCHEN	GER	12:08.20	CAV CAVANAUGH	USA
28.01	TOSHIHIRO HAYASHI	JPN	1:19.22	BILL EARLEY	USA	200 M. I.M.			12:09.27	GRAHAM LEACH	NZL
28.06	SENJI NISHIZAWA	JPN	1:19.49	MASAO KIJIMA	JPN	2:40.54	DRURY GALLAGHER	USA	1500 M. FREE		
28.23	JERRY CLARK	USA	1:19.51	D. CAMINSCHI	AUS	2:42.97	ANATOLY KHITROV	RUS	22:32.60	MANFRED STRATE	GER
28.25	JAMES KRUEGER	USA	200 M. BACK			2:44.45	JACK KELSO	CAN	22:55.96	WERNER MULLER	GER
28.32	RYOZO NAKAMURA	JPN	2:46.38	RICHARD BASSI	USA	2:44.47	ALFRED JACOB	BRA	23:12.82	A. EMORY HAWORTH	USA
28.56	IAN MCLEAN	GBR	2:48.98	KARL DONOGHUE	CAN	2:47.18	TADASHI IWAMOTO	JPN	23:23.90	GRAHAM LEACH	NZL
100 M. FREE			2:49.65	GERARDO STEUDEL	ESP	2:48.28	PETER BERGENGREN	SWE	23:27.97	DAVE ANDERSON	USA
1:01.77	PETER BERGENGREN	SWE	2:51.35	ADU HEWELCKE	GER	2:49.93	ADU HEWELCKE	GER	23:32.27	BUDDY BELSHE	USA
1:03.08	ANATOLY KHITROV	RUS	2:56.66	D FYFE	RSA	2:51.72	TOSHIHIRO HAYASHI	JPN	23:39.36	MASAYASU KAMIYA	JPN
1:03.49	TOSHIHIRO HAYASHI	JPN	2:56.78	JERRY GLANCY	USA	2:52.86	TOM WINTERS	USA	23:41.60	CHARLES THOMANN	FRA
1:03.83	RICHARD BASSI	USA	2:57.42	GEORGE QUIGLEY	USA	2:53.26	HORST EXNER	GER	23:44.40	JOHN WEISER	USA
1:04.23	JERRY CLARK	USA	2:58.26	NIC GEERS	NED	400 M. I.M.			23:46.27	BARRY BARTLE	USA
1:04.32	GEORGES KOESSLER	FRA	2:58.56	CHRIS BELL	AUS	5:48.82	DRURY GALLAGHER	USA	50 M. BACK		
1:04.69	MIKE FRESHLEY	USA	2:59.20	DAVID ROBINSON	USA	5:49.36	TEX HARASZTI	USA	33.76	BILL EARLEY	USA
1:04.73	CHITOSHI KONISHI	JPN	50 M. BRST			5:56.19	ALFRED JACOB	BRA	34.81	S.SEKIKAWA	JPN
1:04.97	JAMES KRUEGER	USA	34.28	YOSHIOH OSAKI	JPN	5:58.65	ANATOLY KHITROV	RUS	35.18	PEKKA LUNDBERG	FIN
1:05.00	DRURY GALLAGHER	USA	35.04	MIKHAIL FARAFONOV	RUS	6:10.46	TADASHI IWAMOTO	JPN	35.63	RICHARD HANLEY	USA
200 M. FREE			35.86	ALAN CANHAM	GBR	6:10.55	KARL ODKOLEK	GER	35.68	MARSHALL GREER	USA
2:18.68	MURRAY ROSE	AUS	36.12	GARDNER GREEN JR	USA	6:15.14	NIC GEERS	NED	35.87	THOMAS ROBSON	GBR
2:20.75	ANATOLY KHITROV	RUS	36.21	JACK KELSO	CAN	6:15.33	MEL GOLDSTEIN	USA	36.02	JACK BEATTIE	USA
2:22.49	PETER BERGENGREN	SWE	36.60	LOTHAR SCHUH	GER	6:22.74	MURRAY MC LACHLAN	USA	36.36	DONALD BROWN	USA
2:23.06	TEX HARASZTI	USA	36.62	DRURY GALLAGHER	USA	6:24.14	WILLIAM TIMKEN	USA	36.82	EKKEHARD MIERSCH	GER
2:23.15	KAZUYA NISHINO	JPN	36.79	BELA FABIAN	HUN				37.38	NIVALDO GONCALVES	BRA
2:23.55	DAVID HARRISON	USA	36.86	RINALDO FERREIRA	BRA	*****			37.38	CLARKE MITCHELL	USA
2:23.65	DRURY GALLAGHER	USA	37.06	GUNTER SCHMAH	GER	M E N 60-64			100 M. BACK		
2:25.93	ALFRED JACOB	BRA	100 M. BRST			*****			1:17.54	RICHARD HANLEY	USA
2:26.56	TOSHIHIRO HAYASHI	JPN	1:20.67	BELA FABIAN	HUN	50 M. FREE			1:17.74	S.SEKIKAWA	JPN
2:26.99	RICHARD BASSI	USA	1:20.82	TEX HARASZTI	USA	28.75	GEORGE THAYER	USA	1:19.22	BILL EARLEY	USA
400 M. FREE			1:22.48	MIKHAIL FARAFONOV	RUS	28.99	CAV CAVANAUGH	USA	1:19.28	MASAYASU TANEIKE	JPN
4:58.68	MURRAY ROSE	AUS	1:23.18	ALAN CANHAM	GBR	29.73	JOSEPH PHILLIPS	GBR	1:19.76	JACK BEATTIE	USA
5:03.42	DRURY GALLAGHER	USA	1:23.47	JOHN STOVER	USA	29.82	RON JOHNSON	USA	1:22.02	MARSHALL GREER	USA
5:08.06	DAVID HARRISON	USA	1:23.71	KARL ODKOLEK	GER	29.94	MASAYASU KAMIYA	JPN	1:23.35	PEKKA LUNDBERG	FIN
5:10.58	KAZUYA NISHINO	JPN	1:23.88	DRURY GALLAGHER	USA	30.00	WALLY DOBLER	USA	1:23.56	EKKEHARD MIERSCH	GER
5:15.02	COSMO MILANO	ITA	1:23.94	GUNTER SCHMAH	GER	30.01	YASUTAKA OTSUKA	JPN	1:24.45	THOMAS ROBSON	FRA
5:16.71	GEOFF STOKES	GBR	1:24.03	JACK KELSO	CAN	30.05	MASAYASU TANEIKE	JPN	1:24.78	CLARKE MITCHELL	USA
5:16.97	NIC GEERS	NED	1:24.37	MICHAEL WAKE	GBR	30.09	YOSHIO TAKAAZE	JPN	200 M. BACK		
5:18.98	DAN LOWE	NZL	200 M. BRST			30.11	HIROSHI MATSUMOTO	JPN	2:49.67	RICHARD HANLEY	USA
5:23.89	ROBERT MOORE	AUS	2:55.59	TEX HARASZTI	USA	100 M. FREE			2:52.20	DONALD BROWN	USA
5:25.02	WILLIAM HARRIS	AUS	2:57.21	DRURY GALLAGHER	USA	1:05.25	CAV CAVANAUGH	USA	2:54.41	TOM WALKER	GBR
800 M. FREE			3:04.13	BELA FABIAN	HUN	1:05.76	BILL ROBERTSON	USA	2:57.97	JACK BEATTIE	USA
10:25.67	DRURY GALLAGHER	USA	3:04.81	KARL ODKOLEK	GER	1:07.12	CHARLES THOMANN	FRA	2:58.31	MASAYASU TANEIKE	JPN
10:32.82	DAVID HARRISON	USA	3:06.61	MICHAEL WAKE	GBR	1:08.32	OIVIND GUNNERUD	NOR	3:01.58	BILL EARLEY	USA
10:41.03	ALFRED JACOB	BRA	3:06.64	WILLIAM MULLIKEN	USA	1:08.35	BRIAN HUTCHINGS	AUS	3:03.95	E.NODENSCHNEIDER	FRA
10:45.38	COSMO MILANO	ITA	3:09.78	BARRY YOUNG	NZL	1:08.49	JOSEPH PHILLIPS	GBR	3:06.01	PEKKA LUNDBERG	FIN
10:50.26	TEX HARASZTI	USA	3:09.83	ROBERT KRASZNAI	HUN	1:08.97	ARTHUR LOWE	GBR	3:06.80	JOHN GRAVE	CAN
10:58.53	MICHAEL WAKE	GBR	3:10.11	P.WERMELSKIRCHEN	GER	1:08.99	BILL EARLEY	USA	3:07.31	NEIL HAMILTON	NZL
11:01.84	NIC GEERS	NED	3:10.22	PATRICK SCHLUP	USA	1:09.09	JACK BEATTIE	USA	50 M. BRST		
11:04.23	GEOFF STOKES	GBR	50 M. FLY			1:09.11	KLAUS-DIET EBNER	GER	35.06	AKIO SUGIYAMA	JPN
11:07.57	MEL GOLDSTEIN	USA	29.20	RYUJI TAKAMINE	JPN	200 M. FREE			35.09	HIROSHI KOTEGAWA	JPN
11:11.73	HIROYASU TAKAGI	JPN	29.79	AKIRA TAKAKURA	JPN	2:30.79	CAV CAVANAUGH	USA	37.04	THOMAS WALKER	GBR
1500 M. FREE			29.92	RICHARD BASSI	USA	2:31.24	BILL ROBERTSON	USA	37.34	HANS TROGER	GER
20:32.80	COSMO MILANO	ITA	30.76	CHITOSHI KONISHI	JPN	2:32.45	HITOSHI HINO	JPN	37.43	HANS REICHEL	GER
20:44.44	WILLIAM VAN HORN	USA	30.88	ILGEN OSSI	GER	2:35.13	CHARLES THOMANN	FRA	37.74	MICHEL JAVAUX	FRA
20:46.44	TEGZE HARASZTI	USA	31.14	R.LLOYD-MOSTYN	GBR	2:35.46	BRIAN HUTCHINGS	AUS	37.98	ROLAND SCHOENHAAR	GER
21:10.69	HIROYASU TAKAGI	JPN	31.17	Y.FUNAHASHI	JPN	2:37.58	N.MIYAMOTO	JPN	38.06	PETER SPINDLER	GER
21:22.38	NIC GEERS	NED	31.22	CEDOMIR ZLATIC	USA	2:38.09	TSUTOMU KAJIHARA	JPN	38.34	GUNTER TITTES	GER
21:28.70	FABRIZIO MOMONI	ITA	31.27	LUIS SIMI	BRA	2:38.17	K.EBNER	GER	38.37	WERNER MULLER	GER
21:36.01	ERNIE LESKOVITZ	USA	31.29	GEORGES KOESSLER	FRA	2:38.17	MANFRED STRATE	GER	100 M. BRST		
21:57.97	BILL STEUART	USA	100 M. FLY			2:38.73	WALTER LEX	GER	1:20.56	THOMAS WALKER	GBR



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13:36.50	ISAO IKEGAMI	JPN	3:43.87	ALDO MANFROI	BRA	1:25.86	KAKUICHI YANAGAWA	JPN	3:52.36	HARRY LIBER	USA
13:58.73	ROYCE JACKSON	AUS	3:45.78	WATARU ASAOKA	JPN	1:27.35	HIDEYA FUJII	JPN	50 M. BRST		
14:04.93	JAMES EDWARDS	USA	3:46.24	HERBERT BUNGEROTH	GER	1:27.93	BOB MERRICK	USA	44.42	WALTER MINNICH	GER
14:11.70	ROBERT BLAKE	USA	50 M. FLY			1:29.40	ROBERT MOSARD	USA	45.24	ALDO DA ROSA	USA
14:35.68	TED ROACH	CAN	33.79	FRANK PIEMME	USA	200 M. FREE			45.60	ROYSTON ROMAIN	GBR
14:39.15	MINORU NAGASHIMA	JPN	35.33	JOSEPH KURTZMAN	USA	2:55.19	HIDEAKI KATO	JPN	45.93	SIEGFRIED PANKOW	GER
1500 M. FREE			36.49	TAMON YOSHIDA	JPN	2:58.54	DOMEI SUZUKI	JPN	45.94	LUDWIG GEBURZI	GER
23:59.79	MAURICE LUSIEN	FRA	37.08	ROBERT PFERSDORFF	GER	3:05.60	RAY TAFT	USA	46.72	PAUL KRUP	USA
25:23.50	KEVIN VICKERY	AUS	38.18	PERRY ROCKWELL	USA	3:11.04	ALDO DA ROSA	USA	46.88	MAX VON ISSER	USA
25:46.88	ISAO IKEGAMI	JPN	38.25	TOSHIO TAJIMA	JPN	3:11.57	HANS-JOACH JUNG	GER	48.21	H.REITEMEYER	GER
26:07.72	LEE ARTH	USA	38.34	KARL KNOPS	GER	3:15.30	MIRIO VISENTIN	ARG	48.26	HEINZ UFER	GER
26:15.69	JURGEN SCHMIDT	USA	38.85	MATTHEW FLANAGAN	USA	3:15.46	SHIGEMASA OKAJIMA	JPN	48.78	BOB MERRICK	USA
26:49.25	ROYCE JACKSON	AUS	39.72	PAUL HUTINGER	USA	3:17.83	ALFRED TAIOLI	USA	100 M. BRST		
27:13.53	GIL YOUNG	USA	39.74	HELMUT KOBER	GER	3:18.88	TERRY KELLY	AUS	1:42.38	SIEGFRIED PANKOW	GER
27:52.51	MINORU NAGASHIMA	JPN	100 M. FLY			3:19.10	RICHARD SMITH	USA	1:44.19	ALDO DA ROSA	USA
27:54.17	TED ROACH	CAN	1:24.84	JOSEPH KURTZMAN	USA	400 M. FREE			1:47.76	ROYSTON ROMAIN	GBR
28:06.41	LOU SILVERSTEIN	USA	1:25.93	JESUS DOMINGUEZ	ESP	6:17.36	DOMEI SUZUKI	JPN	1:47.87	MAX VON ISSER	USA
50 M. BACK			1:31.77	KARL KNOPS	GER	6:25.75	HIDEAKI KATO	JPN	1:48.60	LUDWIG GEBURZI	GER
37.95	PAUL HUTINGER	USA	1:38.21	NOBUMASA YAMASAKI	JPN	6:31.09	RAY TAFT	USA	1:48.74	BOB MERRICK	USA
37.99	KEIJIRO NAKAMURA	JPN	1:38.83	MINORU NAGASHIMA	JPN	6:50.03	ALFRED TAIOLI	USA	1:50.41	H.REITEMEYER	GER
39.45	FRANK CAMPBELL	USA	1:40.14	KEITH CARTER	USA	6:52.20	ALDO DA ROSA	USA	1:51.88	RAYMOND HAKOMAKI	USA
39.89	GORO TANIGUCHI	JPN	1:41.31	JAROSLAV HOLY	SVK	6:56.71	HANS-JOACHIM JUNG	GER	1:52.71	KURT KAMM	GER
41.45	GUY GIBB	GBR	1:48.34	LEE ARTH	USA	6:56.92	TERRY KELLY	AUS	1:53.18	PAUL KRUP	USA
41.58	ALEXANDER LAYLEE	GBR	1:49.76	ESKO SALONEN	FIN	6:57.34	KARL BAYERLEIN	GER	200 M. BRST		
41.66	G.SHIMOMOTO	JPN	1:50.92	ALDO MANFROI	BRA	7:07.09	RICHARD SMITH	USA	3:43.18	SIEGFRIED PANKOW	GER
42.10	WILLIAM HAYNES	USA	200 M. FLY			7:13.34	SHIGEMASA OKAJIMA	JPN	3:52.50	ALDO DA ROSA	USA
42.14	ERICH BIERSTEDT	GER	3:26.05	JOSEPH KURTZMAN	USA	800 M. FREE			4:00.73	ANTON CERER	USA
42.43	HEINZ GLEICHMAR	GER	3:29.94	KARL KNOPS	GER	14:04.35	ALDO DA ROSA	USA	4:08.86	H.REITEMEYER	GER
100 M. BACK			3:40.78	MAURICE LUSIEN	FRA	14:24.91	FRED TAIOLI	USA	4:09.17	RAYMOND HAKOMAKI	USA
1:25.89	KEIJIRO NAKAMURA	JPN	3:43.92	KARL HAUTER	GER	14:30.24	RICHARD SMITH	USA	4:10.51	ROYSTON ROMAIN	GBR
1:26.72	PAUL HUTINGER	USA	3:45.00	JAROSLAV HOLY	SVK	14:35.47	HANS-JOACH JUNG	GER	4:14.17	PAUL KRUP	USA
1:29.44	JACK HALE	GBR	3:46.19	MINORU NAGASHIMA	JPN	15:01.82	MIRIO VISENTIN	ARG	4:18.34	JOHN WRENN	USA
1:31.94	FRANK CAMPBELL	USA	3:58.01	LEE ARTH	USA	15:21.73	SHIGEMASA OKAJIMA	JPN	4:19.95	G.MERRYWEATHER	GBR
1:32.56	WILLIAM HAYNES	USA	4:03.85	NOBUMASA YAMASAKI	JPN	15:26.56	DICK GUIDO	USA	4:21.38	BUD JACKSON	USA
1:33.22	G.SHIMOMOTO	JPN	4:09.39	ALDO MANFROI	BRA	15:31.39	DAVID MULLIKEN	USA	50 M. FLY		
1:33.24	GUY GIBB	GBR	4:09.98	KEITH CARTER	USA	15:36.49	CARL-ERIK WILEN	FIN	39.84	KAKUICHI YANAGAWA	JPN
1:35.52	KARL HAUTER	GER	200 M. I.M.			15:37.37	RAY BROOKHOUSE	GBR	40.86	Y.MIYAMOTO	JPN
1:36.06	MATTHEW FLANAGAN	USA	3:06.43	JESUS DOMINGUEZ	ESP	1500 M. FREE			41.54	RAY TAFT	USA
1:36.33	ALEXANDER LAYLEE	GBR	3:08.99	FRANK PIEMME	USA	26:49.29	ALDO DA ROSA	USA	42.89	MAX VON ISSER	USA
200 M. BACK			3:18.84	KARL HAUTER	GER	27:19.60	FRED TAIOLI	USA	44.21	LUDWIG GEBURZI	GER
3:15.40	KEIJIRO NAKAMURA	JPN	3:21.63	KARL-HEINZ KNOPS	GER	27:30.20	KARL BAYERLEIN	GER	44.65	LOUIS GIBERSON	USA
3:17.70	PAUL HUTINGER	USA	3:26.78	JAN ZIEGLER	CZE	28:10.99	RICHARD SMITH	USA	44.76	PAUL KRUP	USA
3:20.77	JACK HALE	GBR	3:27.62	NOBUMASA YAMASAKI	JPN	28:22.11	ROBERT JOHNSTON	USA	46.51	WALTER MINNICH	GER
3:24.31	KARL HAUTER	GER	3:28.29	MAURICE LUSIEN	FRA	28:56.43	SHIGEMASA OKAJIMA	JPN	47.80	SIEGFRIED PANKOW	GER
3:28.53	G.SHIMOMOTO	JPN	3:28.52	ISAO IKEGAMI	JPN	29:38.43	JOHN WRENN	USA	47.96	HEINZ UFER	GER
3:31.13	GUY GIBB	GBR	3:28.64	C.BRUNELLESCHI	ITA	29:48.04	HANS-JOACHIM JUNG	GER	100 M. FLY		
3:33.16	KARL-HEINZ KNOPS	GER	3:35.40	JOHN EMANUEL	USA	29:50.48	DAN MILES	USA	1:48.73	RAY TAFT	USA
3:33.42	JOHN DAVIS	GBR	400 M. I.M.			30:02.90	LUCIANO CANESSA	ITA	1:50.38	EARL WALTER	USA
3:34.32	LEE ARTH	USA	7:10.60	KARL HAUTER	GER	50 M. BACK			1:52.37	ANTON CERER	USA
3:35.57	KEVIN VICKERY	AUS	7:13.63	KARL-HEINZ KNOPS	GER	40.67	RAY TAFT	USA	1:52.84	HIRONARI UEDA	JPN
50 M. BRST			7:17.61	MAURICE LUSIEN	FRA	40.88	SHOICHI SAKAMOTO	JPN	1:53.02	KAKUICHI YANAGAWA	JPN
39.77	ROBERT PFERSDORFF	GER	7:22.77	LEE ARTH	USA	41.22	B.HORVATH	HUN	1:57.34	RICHARD SMITH	USA
40.93	KARL-HEINZ KNOPS	GER	7:29.91	ISAO IKEGAMI	JPN	42.02	H.MIYAZAKI	JPN	1:58.25	PAUL KRUP	USA
41.18	TOSHIO TAJIMA	JPN	7:30.81	JAN ZIEGLER	CZE	42.25	DONALD AGATE	USA	2:00.13	YUTAKA MORITA	JPN
41.48	BARTON GREENBERG	USA	7:39.48	ESKO SALONEN	FIN	45.23	EARL WALTER	USA	2:01.99	BRUCE GASTON	AUS
41.52	ERNESTO ORLANDO	ARG	7:44.67	NOBUMASA YAMASAKI	JPN	45.79	BRUCE GASTON	AUS	2:05.78	GERHARD MITSCH	GER
41.63	JOSEPH KURTZMAN	USA	7:54.78	TED ROACH	CAN	45.81	HARRY LIBER	USA	200 M. FLY		
41.98	WATARU ASAOKA	JPN	7:56.60	ALDO MANFROI	BRA	45.84	GERHARD HEIN	GER	4:06.03	HIRONARI UEDA	JPN
42.17	OTTO GORA	GER				46.02	WERNER ULLRICH	GER	4:12.40	ANTON CERER	USA
42.40	ESKO SALONEN	FIN	*****			100 M. BACK			4:17.12	RICHARD SMITH	USA
42.73	JAN ZIEGLER	CZE	M E N 75-79			1:32.18	RAY TAFT	USA	4:29.80	PAUL KRUP	USA
100 M. BRST			*****			1:32.36	SHOICHI SAKAMOTO	JPN	4:31.68	GERHARD MITSCH	GER
1:31.05	ROBERT PFERSDORFF	GER	50 M. FREE			1:32.90	H.MIYAZAKI	JPN	4:59.08	JACK BRINK	USA
1:32.12	KARL KNOPS	GER	32.33	HIDEAKI KATO	JPN	1:34.62	B.HORVATH	HUN	5:31.29	ROBERT MCCABE	AUS
1:34.07	BARTON GREENBERG	USA	33.38	MIRIO VISENTIN	ARG	1:40.29	YOZO TAENAKA	JPN	5:38.57	V.SMIRIAGUINE	RUS
1:34.70	ESKO SALONEN	FIN	34.74	RAY TAFT	USA	1:42.02	JOHN MERRILL	USA	5:58.41	WILLIAM JOHNSTON	USA
1:36.72	FRANK PIEMME	USA	34.76	DONALD AGATE	USA	1:42.84	ALDO DA ROSA	USA	6:11.35	ROBERT ACKER	USA
1:39.20	WATARU ASAOKA	JPN	34.89	HANS-JOACH JUNG	GER	1:43.92	BRUCE GASTON	AUS	200 M. I.M.		
1:40.28	ISAO IKEGAMI	JPN	35.40	KAKUICHI YANAGAWA	JPN	1:44.27	EARL WALTER	USA	3:31.93	RAY TAFT	USA
1:40.71	JAROSLAV HOLY	SVK	35.61	SHIGEMASA OKAJIMA	JPN	1:45.50	TATSUJI FUJIKAWA	JPN	3:40.38	ALDO DA ROSA	USA
1:41.07	J.ZIEGLER	CZE	35.65	ISAMU TAMURA	JPN	200 M. BACK			3:47.18	ANTON CERER	USA
1:41.48	HERBERT BUNGEROTH	GER	35.72	H.MIYAZAKI	JPN	3:23.71	RAY TAFT	USA	3:48.29	HIRONARI UEDA	JPN
200 M. BRST			36.21	LOUIS GIBERSON	USA	3:27.50	H.MIYAZAKI	JPN	3:49.19	EARL WALTER	USA
3:26.27	KARL KNOPS	GER	100 M. FREE			3:40.78	JOHN MERRILL	USA	3:51.27	RICHARD SMITH	USA
3:27.25	ESKO SALONEN	FIN	1:15.11	HIDEAKI KATO	JPN	3:45.41	SHOICHI SAKAMOTO	JPN	3:51.47	BRUCE GASTON	AUS
3:27.93	KARL HAUTER	GER	1:17.82	RAY TAFT	USA	3:47.75	WILLI WINDEL	GER	3:52.10	BOB MERRICK	USA
3:33.08	ROBERT PFERSDORFF	GER	1:21.68	HANS-JOACH JUNG	GER	3:48.60	ALDO DA ROSA	USA	3:58.47	JOHN WRENN	USA
3:33.11	ISAO IKEGAMI	JPN	1:23.25	DONALD AGATE	USA	3:49.22	KARL BAYERLEIN	GER	4:04.92	YUTAKA MORITA	JPN
3:34.25	BARTON GREENBERG	USA	1:23.87	SHIGEMASA OKAJIMA	JPN	3:50.21	EARL WALTER	USA	400 M. I.M.		
3:41.36	JAN ZIEGLER	CZE	1:25.72	LOUIS GIBERSON	USA	3:50.90	JOHN WRENN	USA	7:36.27	RAY TAFT	USA



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8:16.33	ANTON CERER	USA	45.09	EDWARD SHEA	USA	2:34.89	WILLIAM GRANT	USA	39:38.75	CHARLIE WOOD	USA
8:24.82	HIRONARI UEDA	JPN	47.22	M.FUKUSHIMA	JPN	2:40.40	JOHN JOHNSTON	USA	39:57.60	JOE IRVINE	USA
8:26.31	RICHARD SMITH	USA	47.55	R.REINSTADTLER	GER	2:56.19	NOBUO USHIMI	JPN	50	M. BACK	
8:36.93	EARL WALTER	USA	47.90	GODFREY WILLIAMS	AUS	200	M. FLY		57.81	KARL WITTENBERG	GER
8:46.15	DAN MILES	USA	47.91	C.SCHERER	GER	4:12.40	ANTON CERER	USA	59.15	GASTAO FIGUEIREDO	BRA
8:58.18	YUTAKA MORITA	JPN	48.41	ROBERT CHRISTIANS	USA	4:47.45	DON MCCULLOUGH	USA	1:01.72	PASQUALE PIZZI	ITA
9:07.00	GERHARD MITSCH	GER	48.74	TOKUSHI YONEDA	JPN	5:42.63	JOHN JOHNSTON	USA	1:03.00	JIM PENFIELD	USA
9:36.76	ROBERT ACKER	USA	50.13	GYORGY KOVACS	HUN	5:57.72	GEORGE TRAWICKI	USA	1:03.41	JOHN GLENN	USA
9:42.70	JACK BRINK	RSA	50.15	SHOGORO AZUMA	JPN	6:06.29	AL ALVAREZ	AUS	1:06.21	LEE STARR	USA
			100	M. BACK		6:10.80	NELSON OTIS	USA	1:06.73	JOE IRVINE	USA
*****			1:39.11	TOSHIJI SATO	JPN	200	M. I.M.		1:14.63	KOICHI FUJII	JPN
M E N 80-84			1:39.21	HIKOJI UEKI	JPN	3:47.18	ANTON CERER	USA	1:14.80	BILL FARRELL	NZL
*****			1:44.31	EDWARD SHEA	USA	4:01.20	ROBERT CHRISTIANS	USA	1:15.07	ALFREDO CHERCHI	AUS
50	M. FREE		1:49.60	ROBERT CHRISTIANS	USA	4:16.33	DON MCCULLOUGH	USA	100	M. BACK	
35.52	WOODROW BOWERSOCK	USA	1:50.21	GODFREY WILLIAMS	AUS	4:25.77	TOKUSHI YONEDA	JPN	2:23.15	NORI YAMAMOTO	JPN
36.41	GODFREY WILLIAMS	AUS	1:51.19	GEORGE MAY	RSA	4:36.67	HEINZ SIEGEL	GER	2:26.06	TEX ROBERTSON	USA
36.85	PETE OKUMOTO	USA	1:52.41	C.SCHERER	GER	4:37.36	ALFRED ALVAREZ	AUS	2:30.33	LUIGI DAVOGLIO	ITA
37.07	JIM EUBANK	USA	1:53.48	R.REINSTADTLER	GER	4:41.25	R.REINSTADTLER	GER	2:31.21	GASTAO FIGUEIREDO	BRA
37.60	ROBERT CHRISTIANS	USA	1:57.10	DAVE MALBROUGH	USA	4:44.66	NELSON OTIS	USA	2:33.21	PASQUALE PIZZI	ITA
37.86	M.FUKUSHIMA	JPN	1:57.17	MASAO UEDA	JPN	4:49.57	WILLIAM GRANT	USA	2:34.51	LEE STARR	USA
37.99	AKIHIKO NAKAMURA	JPN	200	M. BACK		4:49.96	JACK MATTINGLY	USA	2:35.33	JOE IRVINE	USA
38.64	HELMUT BOTTCHER	GER	3:40.07	TOSHIJI SATO	JPN	400	M. I.M.		2:38.70	ALLEN BURGOYNE	AUS
38.67	OTTO KUTZ	GER	3:46.71	EDWARD SHEA	USA	8:16.33	ANTON CERER	USA	2:39.01	JOHN GLENN	USA
39.64	MASAO UEDA	JPN	3:58.32	C.SCHERER	GER	9:11.96	WALTER PFEIFFER	USA	2:40.69	ALFREDO CHERCHI	AUS
100	M. FREE		4:04.83	R.REINSTADTLER	GER	9:17.82	DON MCCULLOUGH	USA	200	M. BACK	
1:25.11	GODFREY WILLIAMS	AUS	4:10.53	GEORGE MAY	RSA	10:13.63	NELSON OTIS	USA	5:17.45	TEX ROBERTSON	USA
1:25.88	JIM EUBANK	USA	4:13.44	A.VANDE WEGHE	USA	10:15.06	AL ALVAREZ	AUS	5:29.99	ALFREDO CHERCHI	AUS
1:26.31	WOODROW BOWERSOCK	USA	4:16.38	TOKUSHI YONEDA	JPN	10:38.54	JOHN JOHNSTON	USA	5:45.42	JOE IRVINE	USA
1:28.25	PETE OKUMOTO	USA	4:23.76	GYORGY KOVACS	HUN				5:46.54	KOICHI FUJII	JPN
1:30.20	GEORGE MAY	RSA	4:24.54	JIM TRIOLO	USA	*****			5:51.18	LUIGI DAVOGLIO	ITA
1:31.84	OTTO KUTZ	GER	4:25.21	DAVE MALBROUGH	USA	M E N 85-89			5:53.21	ROY BODINE	USA
1:33.33	AKIHIKO NAKAMURA	JPN	50	M. BRST		*****			6:09.40	COLIN CABLE	RSA
1:34.68	HELMUT BOTTCHER	GER	45.83	HIROMU YOSHIMOTO	JPN	50	M. FREE		6:30.84	JOHN GLENN	USA
1:36.31	MASAO UEDA	JPN	50.89	BENNETT ALLEN	USA	44.00	GASTAO FIGUEIREDO	BRA	50	M. BRST	
1:36.34	DEXTER WOODFORD	USA	52.14	C.SCHERER	GER	44.11	JAMES HARVIE	AUS	54.39	KARL WITTENBERG	GER
200	M. FREE		52.16	JOPPAUL STEINER	USA	45.76	WILLIAM MOLLOY	USA	55.63	MITSUO SHIMO	JPN
3:17.28	GODFREY WILLIAMS	AUS	52.52	JOHANN MORSCHER	AUT	47.37	KARL WITTENBERG	GER	1:03.77	JIM PENFIELD	USA
3:17.47	HIKOJI UEKI	JPN	52.70	DON MCCULLOUGH	USA	48.40	PASQUALE PIZZI	ITA	1:07.24	PASQUALE PIZZI	ITA
3:23.76	PETE OKUMOTO	USA	54.39	JERRY EVERALL	USA	48.59	JOE IRVINE	USA	1:15.19	GASTAO FIGUEIREDO	BRA
3:24.73	SABURO IWASAKI	JPN	55.46	KEN STILLWELL	GBR	49.45	FRANK BELLAIRE	USA	1:17.55	FRANK GRIFFITHS	AUS
3:27.08	WOODROW BOWERSOCK	USA	55.97	EIJI NODA	JPN	50.65	TEX ROBERTSON	USA	1:17.63	JOHN GLENN	USA
3:27.40	GEORGE MAY	RSA	56.51	JOSEF PREINER	GER	51.09	WILLIAM KIRAR	USA	1:20.90	BOB COLQUHOUN	AUS
3:30.34	JIM EUBANK	USA	100	M. BRST		51.27	FRANK BRASINGTON	USA	1:37.12	JIM WALKER	AUS
3:33.28	OTTO KUTZ	GER	1:47.26	HIROMU YOSHIMOTO	JPN	100	M. FREE		1:43.36	RICHARD KANE	USA
3:33.77	DEXTER WOODFORD	USA	1:54.00	JOHANN MORSCHER	AUT	1:51.52	JESSE COON	USA	100	M. BRST	
3:33.86	ROBERT CHRISTIANS	USA	1:57.98	DON MCCULLOUGH	USA	1:54.18	JARING TIMMERMAN	CAN	2:46.00	LUIGI DAVOGLIO	ITA
400	M. FREE		2:01.51	BENNETT ALLEN	USA	1:56.15	TEX ROBERTSON	USA	3:06.73	ROY BODINE	USA
7:37.81	PETE OKUMOTO	USA	2:02.96	C.SCHERER	GER	1:56.76	JOE IRVINE	USA	3:07.87	FRANK GRIFFITHS	AUS
7:42.00	DEXTER WOODFORD	USA	2:03.35	JACK MATTINGLY	USA	1:59.08	ALFREDO CHERCHI	AUS	3:16.97	ALLEN BURGOYNE	AUS
7:47.90	GEORGE MAY	RSA	2:03.96	JOPPAUL STEINER	USA	1:59.24	FRANK BELLAIRE	USA	3:29.35	JOHN GLENN	USA
7:48.87	JIM EUBANK	USA	2:06.80	JERRY EVERALL	USA	2:00.06	COLIN CABLE	RSA	200	M. BRST	
8:04.20	SABURO IWASAKI	JPN	2:09.16	JOSEF PREINER	GER	2:08.15	LUIGI DAVOGLIO	ITA	4:36.86	HAROLD PERRY	USA
8:23.46	HAROLD SEXTON	USA	2:10.73	ROBERT CHRISTIANS	USA	2:08.22	GEORGE MCGILVRAY	AUS	7:12.38	ALLEN BURGOYNE	AUS
8:24.06	KEN STILLWELL	GER	200	M. BRST		2:12.21	BILL FARRELL	NZL	7:21.41	JOHN GLENN	USA
8:25.40	HEINZ SIEGEL	GER	4:00.73	ANTON CERER	USA	200	M. FREE		50	M. FLY	
8:28.68	WOODROW BOWERSOCK	USA	4:02.12	JOHANN MORSCHER	AUT	4:23.20	JARING TIMMERMAN	CAN	58.13	JESSE COON	USA
8:29.52	HELMUT BOTTCHER	GER	4:11.40	HIROMU YOSHIMOTO	JPN	4:25.59	ALFREDO CHERCHI	AUS	1:13.10	LUIGI DAVOGLIO	ITA
800	M. FREE		4:13.56	DON MCCULLOUGH	USA	4:33.11	TEX ROBERTSON	USA	1:26.07	ROY BODINE	USA
15:45.60	TOKUSHI YONEDA	JPN	4:35.66	C.SCHERER	GER	4:33.86	COLIN CABLE	RSA	100	M. FLY	
15:46.41	PETE OKUMOTO	USA	4:40.49	JERRY EVERALL	USA	4:37.16	JOE IRVINE	USA	2:30.73	JESSE COON	USA
16:04.54	GEORGE MAY	RSA	4:42.74	JOSEF PREINER	GER	4:47.10	CHARLIE WOOD	USA	2:57.02	LUIGI DAVOGLIO	ITA
16:10.51	GIOVANNI DE SILVA	ITA	5:11.96	DEXTER WOODFORD	USA	4:58.55	GEORGE MCGILVRAY	AUS	3:26.66	ROY BODINE	USA
16:22.24	OTTO KUTZ	GER	5:19.11	JOHN JOHNSTON	USA	5:04.38	LUIGI DAVOGLIO	ITA	200	M. FLY	
16:40.35	DEXTER WOODFORD	USA	5:23.60	ARTHUR EVANS	AUS	5:06.73	KIYOJI WATANABE	JPN	6:11.68	JESSE COON	USA
17:23.67	HEINZ SIEGEL	GER	50	M. FLY		5:33.99	WILLIAM KIRAR	USA	7:48.60	ROY BODINE	USA
17:23.79	JIM TRIOLO	USA	51.02	ROBERT CHRISTIANS	USA	400	M. FREE		200	M. I.M.	
17:28.07	NELSON OTIS	USA	54.32	WILLIAM GRANT	USA	8:58.07	KARL WITTENBERG	GER	5:16.84	JESSE COON	USA
17:35.60	HERBERT HOWE	USA	54.72	TOKUSHI YONEDA	JPN	9:29.65	ALFREDO CHERCHI	AUS	5:27.20	LUIGI DAVOGLIO	ITA
1500	M. FREE		56.12	DON MCCULLOUGH	USA	9:48.83	JOE IRVINE	USA	5:39.56	ROY BODINE	USA
29:31.06	TOKUSHI YONEDA	JPN	58.16	R.REINSTADTLER	GER	9:53.87	JARING TIMMERMAN	CAN	5:56.15	NORI YAMAMOTO	JPN
31:42.18	DEXTER WOODFORD	USA	58.86	HEINZ SIEGEL	GER	10:09.68	COLIN CABLE	RSA	6:19.80	FRANK GRIFFITHS	AUS
33:45.45	JOHANN MORSCHER	GER	1:00.76	WOODROW BOWERSOCK	USA	10:27.85	CHARLIE WOOD	USA	400	M. I.M.	
33:59.63	JIM TRIOLO	USA	1:02.71	HELMUT BOTTCHER	GER	12:27.23	RICHARD KANE	USA	12:14.40	JESSE COON	USA
34:03.67	JOHN JOHNSTON	USA	1:04.09	YASUSHI KODA	JPN	15:25.85	ALLEN BURGOYNE	AUS	13:30.97	ROY BODINE	USA
36:20.80	GHERARDO ZAMORANI	ITA	1:06.14	JOHN JOHNSTON	USA	800	M. FREE				
36:52.48	J.D. CARDENAL	FRA	100	M. FLY		20:54.05	CHARLIE WOOD	USA	*****		
38:58.20	STAN BOARDMAN	NZL	1:52.37	ANTON CERER	USA	21:15.09	COLIN CABLE	RSA	M E N 90-94		
42:21.12	FRANK TILLOTSON	USA	2:15.76	DON MCCULLOUGH	USA	21:58.41	JOE IRVINE	USA	*****		
50	M. BACK		2:27.19	R.REINSTADTLER	GER	25:21.75	RICHARD KANE	USA	50	M. FREE	
43.85	TOSHIJI SATO	JPN	2:33.07	AL ALVAREZ	AUS	1500	M. FREE		1:01.25	GUS LANGNER	USA



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1:02.89	JOE KAUFMAN	USA	MASTER PARANA	BRA	1:59.59	CAROLYN COX	BARNET COPTHALL	GBR	2:18.95
1:05.16	MAXWELL VOGT	USA	MARCIA SUZUKI			SUSAN HODGE	LINDSAY POWELL		
1:13.99	GEORGES SEJOURNE	FRA	PATRICIA KOGLIN			SUE GOSLING	JUDY ALDEN		
1:40.61	SEITARO YOSHIMOTO	JPN	SIBELE OLIVEIRA			BUDAPEST SENIOR HUN	ELAINE BLOWER		
100 M. FREE			IARA SCARPELLI			CSILLA CSIKANY	EVA GIBBS		
2:20.32	GUS LANGNER	USA	WV WUNSTORF	GER	2:00.49	JUDIT BARANYI	CORK MASTERS	IRL	2:19.62
2:26.17	JOE KAUFMAN	USA	GIESECKE			IREN POHM	JANE JOLLY		
2:41.40	GEORGES SEJOURNE	FRA	HAAS			MAGDOLNA PATOH	DEE SHEEHAN		
2:45.99	MAXWELL VOGT	USA	REGAN			MICH	MARY SPEARS		
3:47.55	JOAO ROSA	BRA	WEHRENBURG			JANET ZANN	MARY O'HERLIHEY		
200 M. FREE			O'H*I*O	USA	2:01.85	EVELYN LYNCH	SG NEUKOLLN BER	GER	2:19.82
5:22.66	JOE KAUFMAN	USA	LORI VIANCOURT			MARY PETTEE	MARGA SCHULZE		
5:27.89	GUS LANGNER	USA	MARY UBERT			ANN URSCHER	MONIKA SENFTLEBEN		
400 M. FREE			MARIA SCHEIBER			SG EINHEIT RATH	SIEGRID KURTZ		
11:31.07	GUS LANGNER	USA	LAURA KESSLER			IRIS HAACKER	BRIGITTE MERTEN		
800 M. FREE			CITY SHEFFIELD	GBR	2:01.90	CHRISTEL SCHULZ	NIC S.S.	JPN	2:20.47
24:04.77	GUS LANGNER	USA				ADA LOFF	YURI SUETSUGU		
1500 M. FREE			WV WUNSTORF	GER	2:03.86	YVONNE DORING	YURIKO HIRASAWA		
47:45.30	GUS LANGNER	USA	REGAN			CLUB ATHLETICO BRA	KIMIKO MITSUMORI		
50 M. BACK			LAZAR			PEROLA ASSUMPCAO	HIROKO MIZUTANI		
1:14.07	PETER JURCZYK	USA	HAAS			S. ABREU			
1:14.42	JOE KAUFMAN	USA	GIESECKE			ANA MARIA SALLES	AGE 240-279		
1:18.43	RUDOLPH KARTER	BRA	GREEN WAVES	JPN	2:04.79	BEATRIZ SILVA	SOUTHPORT SC	GBR	2:32.07
1:22.19	AL KALLUNKI	USA	NAOKO MARUTANI			MAJIKARU SPC	DOREEN FAIRHURST		
1:36.79	SEITARO YOSHIMOTO	JPN	MIHO TASHIRO			HIROKO TAKUWA	CHRISTINE HORNBY		
1:39.13	MAXWELL VOGT	USA	ITSUKI DATE			KAZUKO ITO	SYLVIA BRAMHAM		
1:45.55	GUS LANGNER	USA	MAYUKO NAGASE			KUNIE MAEDA	AUDREY GATHERCOLE		
100 M. BACK						MIKI AIHARA	KIBOGAOKA	JPN	2:33.10
2:40.66	PETER JURCZYK	USA	AGE 120-159			ROCHDALE AQUABE	AKIKO HOSOKAWA		
2:53.94	JOE KAUFMAN	USA	MICH	USA	1:53.66	ANN MAIN	SHIZUE TOYAMA		
3:03.98	AL KALLUNKI	USA	SUSIE DEVLIN			ANN EDMONDSON	MASAE KURATA		
200 M. BACK			CORRIN POPPS			DEBORAH MAYRICK	RYOKO GOTO		
5:46.55	JOE KAUFMAN	USA	DAWN HEWITT			AVRIL JENNINGS	HEC TAKATSUKI	JPN	2:33.47
5:55.98	PETER JURCZYK	USA	DYNE BURRELL			GLASGOW WESTERN GBR	HIDEKO NAITO		
7:28.85	AL KALLUNKI	USA	CITY OF SHEFFIE	GBR	1:56.90	GILLIAN SKIPPER	KEIKO FUJIMOTO		
50 M. BRST			LYNNE LEE			SHEILA AITKEN	KIYOKO IKEUCHI		
1:22.57	AL KALLUNKI	USA	KAREN CLIFTON			MARLENE CAMERON	TAEKO IKEDA		
1:35.31	GUS LANGNER	USA	LINZI GAYWOOD			LYNN MORRISON	FLUMINENSE FC	BRA	2:36.56
1:55.08	SEITARO YOSHIMOTO	JPN	MICHELLE HANCOCK			CAMC	MARCIA RIBEIRO		
100 M. BRST			CLAMS	GBR	1:58.39	VICTORIA OLIVER	ENEDINA PEREIRA		
3:07.79	JOAO ROSA	BRA	NICOLA CUMBERS			BARBARA CALDER	CANDIDA BARROSO		
3:08.18	GEORGES SEJOURNE	FRA	MAXINE LOCK			CHERI PRICE	MARIA HELE COSTA		
3:41.31	GUS LANGNER	USA	HEIDI LIA			MARYANNE KEEVER	BUDAPEST SENIOR HUN		2:40.58
200 M. BRST			SARAH BORLEY			MANLY	MARTA EGERVARY		
7:44.77	GUS LANGNER	USA	SG WISTE	GER	2:00.42	ALISON COOK	M. GARAY-GIBSON		
200 M. I.M.			HOHMEYER			J. KINGMA	ILONA KASZONYI		
7:08.31	PETER JURCZYK	USA	FINSTER			GILLIAN CHAPMAN	MARTA DANKO		
7:45.33	AL KALLUNKI	USA	KRUENBERG			SUE KEARNEY	HEC TAKATSUKI	JPN	2:41.01
*****			SEICK				HIDEKO NAITO		
*****			BETHNAL GREEN	GBR	2:00.76	AGE 200-239	KEIKO FUJIMOTO		
*****						DCM	KAZUKO KAMISUNA		
*****			NOTTINGHAM LEAN	GBR	2:00.86	JAYNE BRUNER	HIROKO ITO		
*****			JOANNE BULLOCK			DENISE KIRWAN	KAWASAKI ITOMAN	JPN	2:41.52
*****			SARAH GARRETT			BARBARA FRID	YOKO SUGIYAMA		
*****			CLARE HERROD			ANN SVANSON	YUKO ARAI		
*****			CAROL BAMFORD			HEART OF ENGLAN	MIEKO KAMOSHITA		
*****			SG MAINZ	GER	2:01.29	CAROL HICKMAN	MIDORI KINJO		
*****			DAGMAR STREULE			JUDY WILSON	NEM	USA	2:41.87
*****			RENATE MARTENS			PAULINE COOK	PETEE SMITH		
*****			SIGRID GOBEL			ELISABETH GREEN	MARIAN COAKLEY		
*****			BARBARA GELLRICH			TRANSVAAL MASTE	B. BURRILL		
*****			BETHNAL GREEN S	GBR	2:01.39	ANNE JONES	TRACY GRILLI		
*****			DEBBIE MITCHELL			SUSAN LEUNER	OAHU KIOICHO	JPN	2:42.36
*****			CALLIE STEWART			SHIRLEY TURNER	K. TATSUKOSHI		
*****			JOSEPHINE WREN			HELEN LAWLESS	NOBUE MUTO		
*****			SHEILA MACGREGOR			NEUKOLLN BERLIN	CHIEKO TOKUDA		
*****			PAINEIRAS MORUM	BRA	2:01.98	STUBERT	NORIKO YATSUNAMI		
*****			AROMA MARTORELL			SCHULZE	KAWASAKI ITOMAN	JPN	2:42.84
*****			B. WIEDEMAYER			SENFTLEBEN	YOKO SUGIYAMA		
*****			FLAVIA PRADA			MERTEN	EIKO TOMO		
*****			ROSANA LATUF			SOIK HELLAS	KIYOKO KOZU		
*****			SG MAINZ	GER	2:01.99	REIJA REINI	MIEKO KAMOSHITA		
*****			STREULE			MARGARETA RAINER			
*****			LIMBACH			MARIANNE GRANE	AGE 280-319		
*****			MARTENS			H. GIORGIO	NEM	USA	2:38.52
*****			GELLRICH			IM	CLARA WALKER		
*****			AGE 160-199			MARY POHLMANN	BILLIE BURRILL		
*****			BRISTOL MASTERS	GBR	2:04.01	CATHERINE QUILL	PETEE SMITH		
*****			CAROL FELLOWS			IRENE DAVID	DIANE REED		
*****						BETTY BENNETT	SOIK HELLAS	SWE	2:44.56



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1996

BRITT GRILLI				SIBELE OLIVEIRA			JUDIT BARANYI			NEUKOLLN	GER	2:39.48
E. HAMMARLUND-ESSL				MARCIA SUZUKI			KATALIN CSAPO			STUBERT		
KRISTINA VADEM				IM	USA	2:16.50	CSILLA CSIKANY			SCHULZE		
KERSTIN GJORES				SOLVEIG SULLIVAN			MAGDOLNA PATOH			MERTEN		
KOEIKAI	JPN	3:00.43		TERESA ZURICK			LAKESIDE MASTER USA	2:22.28		SENFTELEBEN		
KUMIKO KUBO				JENNIFER RIDGE			MARY CURL					
KAZUKO FUKAGAWA				BECKY HELLER			A. WRIGHT-BELKNAP			AGE 240-279		
TOMIKO OMORI				POLICE	GBR	2:16.56	DEBBIE COX			SOUTHPORT SC	GBR	2:50.22
MASAKO HOTEHAMA				DELYTH CUNNAH			SPENCER SWIM TE	2:23.07		SYLVIA BRAMHAM		
CRONULLA SUTHER AUS	3:07.55			CLAIRE DUFFY			DENISE CARR			HELEN JENKINS		
NANCY MITCHELL				SHARMAINE BALL			A. JONES			DOREEN FAIRHURST		
JOAN ROBERTS				CAROLINE HORDEN			FRANCES CROUCH			AUDREY GATHERCOLE		
BETTY STERN				SWISS COTTAGE	GBR	2:16.78	YVONNE MATTHISEN			FLUMINENSE	BRA	2:55.10
BARBARA ROSE				O*H*I*O	USA	2:18.70	CLUB ATHLETICO	BRA	2:23.67	BUDAPEST SENIOR HUN		2:57.29
OAHU KIOICHO	JPN	3:11.01		LORI VIANCOURT			SARA GELD			MARTA EGERVARY		
REIKO NAWATA				MARY UBERT			BEATRIZ SILVA			ILONA KASZONYI		
HIDEKO MORI				MARIA SCHEIBER			S. ABREU			M. GARAY-GIBSON		
KIMIE KANAI				LAURA KESSLER			PEROLA ASSUMPCAO			MARTA DANKO		
MACHIKO ITAI				PINHEIROS	BRA	2:19.74	STOCKPORT METRO	GBR	2:24.07	FLUMINENSE FC	BRA	2:58.94
OAHU KIOICHO	JPN	3:17.95					S. PLATT-ROGERS			MARCIA RIBEIRO		
TSURUYO TANAKA							JEAN HALLWORTH			ENEDINA PEREIRA		
HIDEKO MORI							JILL JONES			MARIA HELE COSTA		
HIDEKO KITAJIMA							J. RUSSELL			CANDIDA BARROSO		
MACHIKO ITAI							KINGSTON ROYALS	GBR	2:24.48	DUSSELDORFER	GER	2:59.54
YOKOHAMASUIEIKI	JPN	3:17.95					JANE ASHER			LANGE		
TOSHIKO AMANO							CHARLOTTE MUSTARD			FRITZE		
SHIZUE HATA							MELISSA NUTTALL			GUNTHER		
MIDORI NAKAJIMA							PENNY WEBSTER			OSSELMANN		
CHIEKO TAKANO							ROCHDALE	GBR	2:25.36	KIBOGAOKA SC	JPN	3:00.68
OJAI SANTA BARB USA	3:19.68									AKIKO HOSOKAWA		
GRACE ALTUS										SHIZUE TOYAMA		
ELEANOR BROWN										RYOKO GOTO		
RUTH FARNHAM										MASAE KURATA		
RUTH BAAR										HEC TAKATSUKI	JPN	3:02.23
OAHU CLUB KIOIC JPN	3:19.96									KEIKO FUJIMOTO		
TOSHIKO KATO										KAZUKO KAMISUNA		
YOSHIKO WATANABE										TAKEO IKEDA		
HIDEKO MORI										HIDEKO NAITO		
TSURUYO TANAKA										OAHU KIOICHO	JPN	3:02.75
OAHU KIOICHO	JPN	3:19.96								CHIEKO TOKUDA		
TOSHIKO KATOU										YASUKO TSUCHIYA		
YOSHIKO WATANABE										K. TATSUKOSHI		
HIDEKO MORI										NORIKO YATSUNAMI		
TSURUYO TANAKA										WARA NORDERSTED	GER	3:02.95
										LIEDTKE		
AGE 320-359										GOTTFRIED		
COAST MASTERS	USA	4:12.88								HUTER		
MAURINE KORNFELD										BORWITZKI		
MAXINE MERLINO										HEC TAKATSUKI	JPN	3:04.75
MADELEINE MILLER										KEIKO FUJIMOTO		
MARTI GOGNIAT										KAZUKO KAMISUNA		
RIO MASTERS	BRA	4:38.38								YASUKO YOKOI		
L. LIMA										HIDEKO NAITO		
LUZIA CARACCILO												
M. SA												
MARIA LENK												

RELAYS: WOMEN 200 M. MEDLEY												

AGE 100-119												
SPENCER SWIM TE	GBR	2:09.48										
HELEN JAMESON												
SIOBHAN HARTLEY												
STEPHANIE ROSE												
SUSAN HILL												
UNIVERSITY ROST	GER	2:11.91										
CAREN MAHN												
KATHRIN GERDUN												
UTE PETERS												
S. HAMMERSDORFER												
ZEHLENDORF 88	GER	2:14.18										
MENZEL												
LORENZ												
SCATTURIN												
HALBACH												
CITY SHEFFIELD	GBR	2:14.21										
MASTER PARANA	BRA	2:15.75										
IARA SCARPELLI												
MARCIA RESENDE												



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EDITH HEWITT			RUSSELL CREW		HUMBOLDT UNI	GER	1:46.53	ERIC FORSLUND		
OAHU KIOICHO	JPN	3:47.29	JASON MARTIN		TOC	USA	1:46.68	AGE 240-279		
NOBUKO TANDOU			SG OLDENBURG/WI	GER	JAMIE PATRICK			SAN DIEGO SWIM	USA	1:58.99
SUMIKO YANAGISAWA			MARIO KOCH		JAMES KRUEGER			BILL EARLEY		
HIDEKO MORI			FRANK BRAUN		JAMES BEGLINGER			DONALD BAKER		
MACHIKO ITAI			TORSTEN SEIDLITZ		MIKE KECK			KENNETH KIMBALL		
SOIK HELLAS	SWE	3:49.76	JOERG MEYER		MICH	USA	1:47.17	MIKE FRESHLEY		
KERSTIN GJORES			NOTTINGHAM	GBR	KEVIN HARRIS			SAN DIEGO SWIM	USA	1:58.99
E.HAMMARLUND-ESSL			CITY OF SHEFFIE	GBR	JOHN HAUSCHULZ			BILL EARLEY		
BARBRO THORNELOF			MARK TORDOFF		LAWRENCE DAY			DONALD BAKER		
BRITT GRILLI			MARTIN LEVINE		MARK HESSKAMP			KENNETH KIMBALL		
O*H*I*O	USA	3:50.62	ANDREW WYCHERLEY		GOLD	USA	1:47.45	MIKE FRESHLEY		
BETH HANKS			JASON AUSTIN		MARTY HENDRICK			RACING CLUB DE FRA		2:00.31
LILLY KRON			AGE 120-159		JONATHAN OLSEN			ALDO EMINENTE		
BETTY RUSS			MASTER PARANA	BRA	CRAIG BURNS			ANDRE CHICARD		
SYLVIA HILL			ROBERTO CLAUSI JR		MICHAEL KOONIN			CHARLES THOMANN		
NIAG	USA	3:51.43	PAULO SCHIOCHET		BOROUGH OF KIRK	GBR	1:47.90	P.FONQUERNIE		
NANCY SCHOEPPERLE			NEWTON KAMINSKI		SIMON GARSIDE			NCMS	USA	2:01.12
IRENE D'AGOSTINO			RENATO RAMALHO		BRIAN GODFREY			ROLFFS PINKERTON		
BETTY DUNN			NOTTINGHAM LEAN	GBR	BRYAN STANDING			JOHN KORTHEUER		
SUE MARVEL			MIKE BRETT		DAVID LARKINS			DICK WEBBER		
WALNUT CREEK	USA	3:53.61	PAUL EASTER		DCAC	USA	1:48.02	JERRY CLARK		
PAT PREVETZ			KEVIN HARRISON		JOSI CUNNINGHAM			REMSCHIED	GER	2:02.55
JAE HOWELL			KEVIN BOYD		BRUCE SCHOPP			HAUPT		
ELFRIEDE ROGERS			SV WEIDEN 1921	GER	JACK MARKEY			COCIUBAN		
ANN HIRSCH			MICHAEL ARTINGER		G.HEUCHLING			PLESNIK		
AGE 320-359			STEPHAN WANNINGER		HEART OF ENGLAN	GBR	1:48.05	VAN ESS		
COAST MASTERS	USA	4:42.96	MANFRED DANZL		STEVE BURCHAM			WARA NORDERSTED	GER	2:02.55
MAURINE KORNFELD			RAINER GOTZ		GARETH PARKER			MASULA		
MARTI GOGNIAT			IM	USA	GARETH SYKES			HUTER		
MAXINE MERLINO			TED SOLTYS		BOB LORD			SPENGLER		
MADELEINE MILLER			THOMAS REDIG		AGE 200-239			GOTTFRIED		
RIO MASTERS	BRA	5:04.47	THOMAS MC CABE		TOC	USA	1:48.49	ETTALONG PELICA	AUS	2:02.78
M.SA			ROBERT YOUNG		ROBERT STRAND			PETER GEDDES		
LUZIA CARACCILO			NOTTINGHAM	GBR	TIM BIRNIE			KEVIN VICKERY		
MARIA LENK			EGUZASUSHIMOKIT	JPN	RICHARD BASSI			BRIAN HUTCHINGS		
L.LIMA			KATSUHISA HITATA		BILL BARTHOLD			JOHN BROWNJOHN		
MICH	USA	6:13.22	TOMOYUKI SAKURAI		O*H*I*O	USA	1:50.43	BRISTOL MASTERS	GBR	2:03.06
RUTH HILDEBRAND			NOYA SATO		DAVE QUIGGIN			BRIAN MAURICE		
JEWEL COOKE			SCOTT DELEHANTY		DAN PER-LEE			TONY HOLMYARD		
EDITH GLUSAC			WASPO NORDHORN	GER	ROBERT SINSHEIMER			ROGER BURRELL		
MARTHA FORSTER			PETER KORTHALS		HARRY GREENFIELD			JOHN WEBB		
*****			THOMAS BRAND		VSA HIRAKATA	JPN	1:52.00	FLUMINENSE	BRA	2:03.08
RELAYS: M E N 200 M. FREE			MARCEL SCHOLTEN		MASAHICO TAKEMURA			OAHU KIOICHO	JPN	2:03.12
*****			MARCEL EKKELBOOM		Y.NAKAMURA			MASAYASU KAMIYA		
AGE 100-119			SV WEIDEN	GER	SHUNJI NAGAHAMA			NORIO HAYASHI		
JYVASKYLAN SAUK	FIN	1:36.39	GANSERER		TAKEKAZU KOTERA			MASATERU ISA		
JANNE VIRTANEN			DANZL		GLASGOW WESTERN	GBR	1:52.36	AKIHARU KOBAYAKAW		
ARI JAAKKOLA			GOTZ		TONY JARVIS			AGE 280-319		
JAANI VIRTANEN			ARTINGER		EDDIE RIACH			SHUEI	JPN	2:17.46
TOMMY RUNDGREN			MICH	USA	THOMAS ROBSON			ISAMU TAMURA		
TECHNICAL UNIVE	GER	1:40.03	ERIC NORDLUND		MATT NELSON			SABURO NEZU		
DANIEL FRANITZA			KURT DICKSON		HEIWAJIMA SC	JPN	1:52.48	GORO TANIGUCHI		
ANDREAS SCHMIDT			MARK VANDER MEY		BRENT BARNS			KEIJIRO NAKAMURA		
ULF HAUSMANN			JUAN TAVARES		SENJI NISHIZAWA			SOIK HELLAS	SWE	2:23.18
MICHAEL KUMMER			T.O.A.C	FRA	SAKUO ISHIKAWA			PER BERGENHOLM		
PAINENIRAS MORUM	BRA	1:40.13	DDIDIER VERMOT		TOSHIRO OZAWA			PETER BERGENGREN		
RICARDO OGATA			LAURENT FAGUET		SPENCER SWIM TE	GBR	1:52.83	ARNE JUTNER		
RENATO CORDANI			R.DOBELMANN		ALEXANDER INGRAM			NILS FERM		
ANDRE FERREIRA			FRANCOIS VIALE		DUNCAN MCCREADIE			KSG SUIZU SS BU	JPN	2:24.77
C.BARROS			AGE 160-199		ALEXANDER MILLS			YOSHIO HAYASHI		
MASTER PARANA	BRA	1:41.10	IM	USA	GEOFF STOKES			KOJI SASAHARA		
SANDRO HEREK			JOHN MARTIN		YORK CITY BATHS	GBR	1:53.93	SHOJI IKEDA		
C.CARVALHO			JOSEPH MAGIERA		PETER KENDREW			KAZUO YAMANE		
ALEXSANDRO GRADE			DAVID TOLER		DUNCAN BROWN			IBARAKI SC	JPN	2:25.15
OSCAR ERICHSEN			TIMOTHY ROURKE		DAVID CLEGG			TATSUJI FUJIKAWA		
CN MAISONS-ALFO	FRA	1:41.65	ARARAUARA MAST	BRA	ROY CROUCH			KENZO UEMURA		
OLIVIER MAILLOT			RICARDO SANTOS		FLUMINENSE	BRA	1:55.90	Y.KAWABATA		
PATRICK GREGOIRE			LUIZ FAGUNDES		HSG HUMBOLDT BE	GER	1:56.05	KINOSUKE SAKAI		
ANTOINE GREVEREND			ANTONIO ORSELLI		UNGER			HEART OF ENGLAN	GBR	2:25.65
LAURENT PENNETIER			VLADIMIR RIBEIRO		PACKENIUS			ARTHUR LOWE		
POLICE	GBR	1:41.99	PAINENIRAS MORUM	BRA	SCHRODER			RAY BROOKHOUSE		
ROY SINCLAIR			FABIO LATUF		WUNSCH			ALLEN MILES		
RICHARD EVANS			JOSE LORO		SOIK HELLAS	SWE	1:56.38	G.MERRYWEATHER		
EUAN STEWART			LUIS ZULIETTI		ROLF TEGEBACK			REMSCHIED	GER	2:29.09
DAVID BROWN			LUIZ TORELLY		MATTHIAS KRONER			UNKEL		
LOUGHBOROUGH ST	GBR	1:43.29			INGVAR ERIKSSON			HAHN		
IAN WILKES										
PETER MAY										



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1996

BICKEL DILFER O*H*I*O USA 2:30.61 PETER VAN DIJK PIETER CATH JOHN DAILY DEXTER WOODFORD YOKOHAMASUIEKA JPN 2:30.64 MINORU NAGASHIMA TOYOJI TAKAMI HISAO NAKAI HIDEAKI KATO SAN MATEO USA 2:33.24 FRED TAIOLI ROGER CAMPBELL DON STUPFEL RAY TAFT LERJ BRA 2:33.70 AGE 320-359 COAST MASTERS USA 2:35.13 LOUIS GIBERSON WOODROW BOWERSOCK WALTER PFEIFFER ROBERT CHRISTIANS TROJANS NZL 2:57.46 BILL FARRELL STAN BOARDMAN HOWARD HOLMES IVAN WILSON TXAM USA 3:04.68 FRANK CAMPBELL BENNETT ALLEN JESSE COON JOE IRVINE MANLY AUS 3:13.08 JOHN COMYNS HEDLEY CRISP JAMIE JENKINS JOHN WINTERS WARRINGAH AUS 3:21.60 GEORGE MCGILVRAY DAN GAHA LES BULLEN DENIS JOY SPM USA 3:35.91 JOHN JOHNSTON FRANK TILLOTSON FRED WALBOLT KERMIT HOTVEDT ICARAI BRA 5:50.07 ***** RELAYS: M E N 200 M. MEDLEY ***** AGE 100-119 JYVASKYLAN SAUK FIN 1:52.04 ARI JAAKKOLA TOMMY RUNDGREN JANNE VIRTANEN JAANI VIRTANEN UNIVERSITAT DRE GER 1:52.16 YUKAINAKAPPATA JPN 1:53.07 HIROSHI SHIBAMURA TORU YASUI HIDEYUKI CHIGIRA TAKASHI KISHIDA NOTTINGHAM LEAN GBR 1:53.27 SIMON ROBINSON MATTHEW DRISCOLL MIKE BRETT CHARLES JOHNSTONE NOTTINGHAM GBR 1:54.37 PAINEIRAS MORUM BRA 1:54.71 RUY ARAUSO RENATO CORDANI GLEDISON ROCHA	CELSE DE SOUZA VFL NURNBERG GER 1:55.70 NITSCHKE METSCHKE LUCZAK BALAUN TRAFFORD METRO GBR 1:56.07 MICH USA 1:56.27 KURT DICKSON MARK VANDER MEY JEFF DAKIN MICHAEL BELL CITY OF SHEFFIE GBR 1:56.40 KEITH WILLS MARTIN LEVINE JASON AUSTIN ANDREW WYCHERLEY AGE 120-159 MASTER PARANA BRA 1:50.40 RENATO RAMALHO NEWTON KAMINSKI ROBERTO CLAUSI JR PAULO SCHIOCHET NOTTINGHAM LEAN GBR 1:51.01 KEVIN BOYD MATTHEW ROBINSON PAUL EASTER KEVIN HARRISON SV WEIDEN 1921 GER 1:53.24 MANFRED DANZL NORBERT WEISS MICHAEL ARTINGER RAINER GOTZ T.ARENA JPN 1:53.51 S.MARUYAMA HIRONOBU NAGAHATA EIJIRO NIREKI KOZO HIGUCHI NOTTINGHAM GBR 1:53.80 IM USA 1:54.21 DAVID GIBSON STEVE BOONE THOMAS REDIG ROBERT YOUNG BARNET COPTHALL GBR 1:54.28 IAN WOOLLARD JIM HOBBSLEY RICHARD STENT ROLAND LEE PETROLEOS DE VE VEN 1:54.37 R.MICHELENA GLEN SOCHACKYJ R.GAVBOA JESUS STRUVE PAINEIRAS MORUM BRA 1:54.99 RICARDO OGATA CELSE DE SOUZA ANDRE FERREIRA CELSE DE SOUZA WASPO NORDHORN GER 1:55.36 THOMAS BRAND MARCEL SCHOLTEN PETER KORTHALS MARCEL EKKELBOOM AGE 160-199 ARARAQUARA MAST BRA 1:57.70 VLADIMIR RIBEIRO ANTONIO ORSELLI RICARDO SANTOS LUIZ FAGUNDES VSA HIRAKATA JPN 1:58.48 SHUNJI NAGAHAMA HIROSHI UNO Y.NAKAMURA YASUSHI MURAKAMI MSV MUNCHEN GER 1:59.86	SOPIREAN AMMER VISAN HESBACHER HEART OF ENGLAN GBR 2:00.20 STEVE BURCHAM GARETH PARKER GARETH SYKES BOB LORD MICH USA 2:01.22 FRANK THOMPSON GREG BRANNICK LAWRENCE DAY BRIAN SHARAR PAINEIRAS MORUM BRA 2:01.86 JOSE LORO LUIS ZULETTI FABIO LATUF LUIZ TORELLY CITY OF LEEDS GBR 2:02.67 JEREMY GREAVES JOHN HEWARD DAVID EMERSON M.WILLIAMSON HUMBOLDT UNI GER 2:02.67 FLAMENGO BRA 2:02.77 GOLD USA 2:03.13 MARTY HENDRICK JONATHAN OLSEN CRAIG BURNS MICHAEL KOONIN AGE 200-239 TOC USA 2:00.98 TIM BIRNIE ROBERT STRAND RICHARD BASSI BILL BARTHOLD BUDAPEST SENIOR HUN 2:04.17 JOZSEF CSIKANY PETER BALASY GABOR CSABA ATTILA BANHILDY GLASGOW WESTERN GBR 2:05.39 TONY JARVIS EDDIE RIACH THOMAS ROBSON DENIS THYS OAHU KIOICHO JPN 2:07.75 MOTOMU SUZUKI TERUO IWATA MASAYASU KAMIYA AKIHARU KOBAYAKAW O*H*I*O USA 2:07.80 ROBERT SINSHEIMER DAN PER-LEE HARRY GREENFIELD DAVE QUIGGIN KAWASAKI ITOMAN JPN 2:09.23 KEISUKE ITO AKIO SUGIYAMA GENTA MOCHIZUKI M.MIYAZAKI SG MSV/VFVS MUE GER 2:10.56 FRANK HESBACHER KARL ODKOLEK HERBERT GRUBER HANS MUEHLE SOIK HELLAS SWE 2:10.82 ERIC FORSLUND MATTHIAS KRONER INGVAR ERIKSSON ROLF TEGEBACK KIMITSU MSC JPN 2:10.96 T.MIYAUCHI KAZUHIRO MIYAUCHI TADASHI IWAMOTO MASATO YOSHINO	HSG HUMBOLDT UN GER 2:11.46 SCHRODER WUNSCH PACKENIUS UNGER AGE 240-279 BUDAPEST SENIOR HUN 2:20.50 B.HORVATH BELA FABIAN TIBOR CSEKO ALADAR FILEP SSV LIPS LEIPZI GER 2:20.64 LEX HEROLD SIEBER KLINK WFR MUNCHEN GER 2:20.72 HAUGER TROGER REICHEL GOTZ SAN DIEGO SWIM USA 2:20.79 BILL EARLEY MIKE FRESHLEY DONALD BAKER KENNETH KIMBALL SAN DIEGO SWIM USA 2:20.79 BILL EARLEY MIKE FRESHLEY DONALD BAKER KENNETH KIMBALL BRISTOL MASTERS GBR 2:21.04 ROGER BURRELL HERBIE ADAMS BRIAN MAURICE BALAZS GYORFFY NCMS USA 2:21.29 ROLFFS PINKERTON JOHN KORTHEUER DICK WEBBER JERRY CLARK OAHU KIOICHO JPN 2:21.64 NORIO HAYASHI MASATERU ISA MASAYASU KAMIYA AKIHARU KOBAYAKAW WARA NORDERSTED GER 2:22.04 SPENGLER MASULA HUTER GOTTFRIED MICH USA 2:22.19 HUGH RODDIN RONALD ALSOBROOK TONY TASHNICK WALLY DOBLER AGE 280-319 REMSCHIED GER 2:47.54 DILFER BICKEL UNKEL HAHN SOIK HELLAS SWE 2:47.76 NILS FERM LENNART INGMO PETER BERGENGREN ARNE JUTNER IBARAKI SC JPN 2:48.57 TATSUJI FUJIKAWA Y.KAWABATA SHINJI FUJIMOTO KENZO UEMURA O*H*I*O USA 2:50.88 PETER VAN DIJK PAUL KRUP PIERCE BRAY JOHN DAILY KSG SUZU SS BO JPN 2:51.38
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FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1996

SYLVIA HILL				TENERIFE MASTER ESP	2:10.44	LAKE	USA	2:10.50	IAN FERGUS			
JOHN DAILY				C. ESCATLLAR		WILLIAM TINGLEY			AGE 240-279			
PETER VAN DIJK				PILAR ESCATLLAR		A.WRIGHT-BELKNAP			WARA NORDERSTEDT GER	2:36.01		
AGE 320-359				MIGUEL A CIFRE		CHARLES MIESNER			LIEDTKE			
TROJANS	NZL	3:19.40		JUAN C CELDRAN		AMY POPE			SCHWARZ			
EDNA FARRELL				AMERICA F.C.	BRA	2:12.14	HANSA DORTMUND	GER	2:10.68	SPENGLER		
MAVIS DURAND				LERJ	BRA	2:12.36	CIMDINS			GOTTFREID		
BILL FARRELL							OPITZ			ETTALONG	AUS	2:36.89
STAN BOARDMAN				WESER-EMS	GER	2:12.53	SCHMIDT			PAM HUTCHINGS		
CONN	USA	3:22.13		GREMIER			KONNEKER			BRENDA CASEY		
JOHN MERRILL				INGENERF			O*H*I*O	USA	2:12.82	BRIAN HUTCHINGS		
NANCY PHILLIPS				BARTELS			DAVE QUIGGIN			KEVIN VICKERY		
GUS LANGNER				SASS			MARY UBERT			FLUMINENSE F.C. BRA	2:38.58	
DOROTHY DONNELLY							MARIA SCHEIBER					
SAN MATEO	USA	3:30.57		AGE 120-159			HARRY GREENFIELD			NCMS	USA	2:41.60
AUDREY ETIENNE				MICH	USA	1:57.58	GOST	USA	2:13.01	ROLFFS PINKERTON		
ZADA TAFT				DYNE BURRELL			ANN GUINS			SALLY NEWELL		
JOE KAUFMAN				MARK VANDER MEY			DMITRI KHODKO			JOHN KORTHEUER		
RAY TAFT				MICHAEL GREEN			RANDY SIMONS			SANDRA KREMER		
IBARAKI SC	JPN	3:34.84		CORRIN POPPS			KAROL BROWN			KAMINAGAYAS.C. JPN	2:44.62	
YUKIO TAMURA				SG MAINZ	GER	2:03.54	MSV MUNCHEN	GER	2:13.36	SHOKO YONEZAWA		
HIROKO TSUCHIYA				HALBRITTER			SOPTIREAN			TETSUO NAKAMARU		
RITSUKO HAYASHIDA				MARTENS			MULLER			NOBUYO KITAGAWA		
TATSUJI FUJIKAWA				GELLRICH			GRUBER			SHOGORO AZUMA		
SPM	USA	3:49.91		METZL			MUHLE			SSF BONN	GER	2:45.50
FRED WALBOLT				MICH	USA	2:03.86	IM	USA	2:13.39	HANKE		
FRANCES CICHANSKI				DAWN HEWITT			KURT MOEHLMANN			WARNUSZ		
KAY SCHIMPF				BOB JENNINGS			JANE ROBRE			EWALD		
KERMIT HOTVEDT				TOM MELGAR			CATHERINE QUILL			BOTTCHER		
MANLY	AUS	3:54.23		MARY MUETING			TIMOTHY ROURKE			ANMPE	BRA	2:47.07
JOHN COMYNS				O*H*I*O	USA	2:05.79	MSV MUNCHEN	GER	2:14.02	E.C.PINHEIROS	BRA	2:47.62
LILIAN JOHNSON				LORI VIANCOURT			SOPTIREAN			SAN DIEGO SWIM	USA	2:50.30
EILEEN PRICE				GLENN MILLS			KARBE			BETSY JORDAN		
JOHN WINTERS				HAROLD WAGNER			GRUBER			WILLIAM PHILLIPS		
MICH	USA	5:00.37		LAURA KESSLER			SOPTIREAN			DONALD HUBBARD		
LEO PHILLIPS				NEM	USA	2:07.07	AGE 200-239			GINI BAKER		
DONALD MAY				ROBERT BERRY			DCM	USA	2:19.29	DCM	USA	2:50.54
JEWEL COOKE				S.VANKUILENBURG			DENISE KIRWAN			ANNE WALKER		
MARTHA FORSTER				NANCY THOMSON			JAYNE BRUNER			MATTHEW FLANAGAN		
NORTH CAROLINA	USA	5:40.87		MARY PERRONI			TOM MOTHERAL			ROSANNA SIKORA		
HAROLD HOFFMAN				MASTER PARANA	BRA	2:07.45	WILLIAM HERZER			LAWRENCE COHEN		
BUZ CATLIN				CHMS	USA	2:07.60	DCM	USA	2:20.42			
BETTE HOFFMANN							LONNY HARRISON			AGE 280-319		
BOYD CAMPBELL				MICHAEL NEAL			JOANN LEILICH			O*H*I*O	USA	3:04.33
C.R.IEARAI	BRA	5:49.78		ABRAHAM SOLANO			BARBARA FRID			BETTY RUSS		
E.C.PINHEIROS	BRA	6:01.20		GINA MARIE GATTI			ROBERT CASEY			LILLY KRON		
				JANET ZELLER			NEUKOLLN BERLIN	GER	2:20.50	PAUL KRUP		
*****				MICH	USA	2:07.82	HEWELCKE			DEXTER WOODFORD		
RELAYS: MIXED 200 M. MEDLEY				KURT DICKSON			SENFTLEBEN			SV GEINHAUSEN	GER	3:06.49
*****				JULIE ZAPPONE			MERTEN			HEIN		
AGE 100-119				MARK HESSKAMP			MERTEN			EICHMANN		
KAUFBEUREN-NEUG	GER	2:05.00		NANCY SERVO			TOC	USA	2:20.68	VOGEL		
BROSIEEN				SPM	USA	2:08.01	TIM BIRNIE			PFANNMULLER		
WILLINSKY				WILLIAM SPECHT			CAROL BADGER			MANLY	AUS	3:10.99
WALTHER				ELAINE BROMWICH			RICHARD BASSI			ELIZABETH WALLIS		
EXNER				J.MCKEITHEN-BUSSE			MARGERY MEYER			BARBARA VICKERS		
SCW ESCHBORN	GER	2:06.56		STUART BARTON			NCMS	USA	2:20.92	JAMIE JENKINS		
POHL				HUMBOLDT BERLIN	GER	2:08.82	RICHARD BOBER			DAVID LAWLER		
FRAATZ				HUMMEL			SALLY NEWELL			O*H*I*O	USA	3:12.19
FRAATZ				STEFFIN			BEVERLY AMICK			PETER VAN DIJK		
POHL				MARLOW			JERRY CLARK			M.J. AMSBARY		
MILLAU S.O.M.	FRA	2:06.73		SCHULZ			FLUMINENSE F.C. BRA	2:23.56		H. HUGGINS		
S.FERNANDEZ				AGE 160-199			C.PAINEIRAS	BRA	2:25.05	JOHN DAILY		
CLAIRE PUIGSEGUR				ST LOUIS MASTER	USA	2:03.61	LEISURE COAST	AUS	2:27.27	NIC S.S.	JPN	3:16.03
CYRIL BARCELO				MAGGIE HOPPER			BOB BARRY			MIDORI TARUMI		
SYLVIE GACHES				GARY JEWELL			WARREN CRESWICK			ISAO HIRASAWA		
WASSERFR.FECHEN	GER	2:08.78		DOUGLAS MILLER			LYN MAY			NAGAHARU SUZUKI		
JUNGHENN				SUSAN MCBEE			CATHERINE TULLOH			YURIKO HIRASAWA		
KLEIM				TXAM	USA	2:05.27	OAHU KIOICHO	JPN	2:27.46	C.R.IEARAI	BRA	3:16.86
HEELEIN				JAMIE BAIRD			TADAYUKI TAKAGI			NEM	USA	3:17.58
TOPFER				JANN GIRARD			YOSHIKO SATOU			JAMES EDWARDS		
C.N.SABADELL	ESP	2:09.26		KEITH BELL			MASAYASU KAMIYA			FH TED HAARTZ		
OLGA GIL				S.NEILSON-BELL			HIDEKO CHUBACHI			PETEEY SMITH		
ELENA HIDALGO				MICH	USA	2:09.32	CLAREMONT	AUS	2:27.80	B.BURRILL		
SANTIAGO VILARO				EVELYN LYNCH			BETTY MONTGOMERY			MICH	USA	3:18.19
ISAAC PEREZ				GREG BRANNICK			DAVID CUMMINS			T.GUISEPPE		
C.PAINEIRAS	BRA	2:09.27		ROBERT FORT			LESLEY MEANEY					
				CASSANDRA GARRY								



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1996

BOBBIE LAWRENCE
CHARLES MOSS
ROBERT HERITIER
OAHU KIOICHO JPN 3:18.41
HIDEKO MORI
JIN ISHIDA
MASAYASU KAMIYA
YOSHIKO WATANABE
YOKOHAMASUIEIKO JPN 3:20.16
TOSHIKO AMANO
HISAO NAKAI
MINORU NAGASHIMA
MIDORI NAKAJIMA

AGE 320-359
MICH USA 4:00.80
LEO PHILLIPS
DONALD MAY
JEWEL COOKE
MARTHA FORSTER
COAST MASTERS USA 4:22.97
MADELEINE MILLER
MAURINE KORNFELD
ROBERT CHRISTIANS
WOODROW BOWERSOCK
MANLY AUS 4:55.86
JOHN COMYNS
HEDLEY CRISP
EILEEN PRICE
LILIAN JOHNSON
E.C.PINHEIROS BRA 5:43.51

NORTH CAROLINA USA 5:51.26
BOYD CAMPBELL
JUDY KELLY
BUZ CATLIN
HAROLD HOFFMAN
C.R. TEARAI BRA 6:10.68