

World Masters Top 10

LCM (50 M)

*****	1:08.94	JENNY MOONEY	USA	2:35.96	GIORGIA SALA	ITA	10:15.21	DALIAH KIEFER	GER
*****	1:09.02	ANNE KUHN	GER	2:36.47	WIBKE STURM	GER	1500 M.	FREE	
*****	1:09.56	M.MARTIN-QUEVIL	CAN	2:37.97	JENNY MOONEY	USA	18:20.97	NADINE DAY	USA
*****	1:09.84	NAHOMI ERIGUCHI	JPN	200 M.	I.M.		18:38.42	JACQUI ROBINSON	AUS
50 M. FREE	1:10.06	DAWN PALMER	GBR	2:19.65	MARGOT JANDEL	GER	18:50.80	BARBARA GRILLO	ITA
26.96	1:10.23	KUNI MORI	JPN	2:24.51	HITOMI MAEHARA	JPN	19:20.74	DANA WOODY	USA
27.04	1:10.49	TANJA OP DEN ORTH	GER	2:24.99	ANDREA SIMAKOVA	CZE	19:20.91	JANET MCLEAN	GBR
27.89	1:11.22	ADINA FAUR	ISR	2:28.64	KANA OHASHI	JPN	19:34.21	CLAIRE SWEENEY	GBR
28.02	1:11.92	CLARE GAMBLE	GBR	2:29.13	ANNE KUHN	GER	19:45.87	AMY WEISS	USA
28.19	200 M.	BACK		2:31.26	S BAUSHER-GRYBOS	USA	19:48.62	KIM STOK	GER
28.27	2:25.02	KANA OHASHI	JPN	2:32.19	MONICA BENVENUTI	ITA	19:54.11	HEIDI WILLIAMS	USA
28.27	2:27.37	JENNY MOONEY	USA	2:32.43	CINDY BERTELINK	CAN	19:55.30	NATHALIE BELAND	CAN
28.27	2:32.65	JANE SOLOMON	GBR	2:32.56	JENNY MOONEY	USA	50 M.	BACK	
28.27	2:33.43	NAHOMI ERIGUCHI	JPN	2:34.86	MARIA M SANCHEZ	GBR	32.10	SUNNY SMILEY	USA
28.37	2:34.53	DAWN PALMER	GBR	400 M.	I.M.		32.45	MONICA SORO	ITA
100 M. FREE	2:35.63	TANJA OP DEN ORTH	GER	5:26.47	JENNY MOONEY	USA	32.63	BETH ISAAC	USA
58.72	2:36.33	DANIELA BAUMGARDT	GER	5:27.74	A.REKOWSKI	GER	32.68	NORIKO YOKOI	JPN
59.86	2:36.84	KUNI MORI	JPN	5:28.86	DANIELA BAUMGARDT	GER	32.85	ANNETT REX	GER
1:00.42	2:37.22	ADINA FAUR	ISR	5:29.52	LAURA CHIDGEY	GBR	32.98	NADINE DAY	USA
1:00.73	2:37.63	HEIDI FRENCH	GBR	5:31.06	CHRISSEY MILLER	USA	33.17	CINDY RADFORD	CAN
1:00.91	50 M.	BRST		5:34.03	MARIA M SANCHEZ	GBR	33.28	LIVIA COPARIU	

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30.57	YOKO YAMAGUCHI	JPN	2:18.06	AMANDA PICARD	SUI	1:19.24	MARZENA KULIS	ITA	28.02	SARAH MACDONALD	CAN
30.60	MONICA SORO	ITA	2:18.43	MIKI TAKAYAMA	JPN	1:20.53	DANIELA DE PONTI	ITA	28.08	DIANA MC DONOUGH	USA
30.64	TERESA DRAY	GBR	2:19.37	ELKE HAGEDORN	GER	1:20.91	ELKE BRAZEL	GER	28.16	STEFFI NIEMITZ	GER
30.65	KYOKO YAMADA	JPN	2:19.98	PETRA FROWIJJN	NED	1:21.39	BEATE SCHOLTYSSSEK	GER	28.70	KARIN SEICK	GER
30.66	KATRIN LEHMANN	GER	400 M.	FREE		1:21.97	YOKO OZAKI	JPN	28.83	CAROLINE KRATTLI	USA
30.75	LIVIA COPARIU	ITA	4:39.79	CHARLOTT PETERSEN	USA	1:22.28	TOMOMI MIYAZONO	JPN	28.96	UTE ROMBERG	GER
100 M.	FLY		4:41.71	LAUREEN WELTING	USA	1:22.29	ELKE SCHMITZ	GER	28.99	CATHY CODLING	AUS
1:05.71	NADINE DAY	USA	4:44.39	ELKE HAGEDORN	GER	1:22.35	HOFMANN-SCHIEDLER	GER	100 M.	FREE	
1:06.12	HIDEKO HIRANAKA	JPN	4:48.15	AMANDA PICARD	SUI	1:23.39	GABRIELA BERRUETA	MEX	58.43	MARIA DOELGER	USA
1:08.68	SUNNY SMILEY	USA	4:50.77	JILL GELLATLY	USA	200 M.	BRST		1:00.10	K PIPESNEILSEN	USA
1:08.71	TERESA DRAY	GBR	4:51.14	ELLEN MACGREGOR	USA	2:50.26	MARZENA KULIS	ITA	1:02.35	UTE ROMBERG	GER
1:08.72	KARINE JANNOY	FRA	4:51.48	HEATHER HAGADORN	USA	2:55.25	S.SEMINATORE	ITA	1:02.86	DIANA MC DONOUGH	USA
1:08.82	YOKO YAMAGUCHI	JPN	4:55.71	LAURIE HUG	USA	2:56.24	BEATE SCHOLTYSSSEK	GER	1:03.73	ANDREA HEUVENS	GER
1:08.95	MARIA KELLY	GBR	4:56.68	SOPHIE MONGINET	BRA	3:00.61	YOKO OZAKI	JPN	1:03.80	MARIA ALWINE EDER	ITA
1:09.09	TANJA DEGENKOLBE	GER	4:58.78	HEIKE RUCKER	GER	3:02.04	SUE LYONS	AUS	1:03.95	STEFFI NIEMITZ	GER
1:09.22	NICOLA LATTY	GBR	800 M.	FREE		3:02.52	ROSI KRAUSS	GER	1:04.04	JENNIFER PORTMAN	USA
1:10.21	SANDIE EASTON	USA	9:39.34	CHARLOTT PETERSEN	USA	3:02.68	HOFMANN-SCHIEDLER	GER	1:04.08	LYNN MARSHALL	CAN
200 M.	FLY		9:51.29	AMANDA PICARD	SUI						

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1:15.90 SHIZUKO HIRAISHI JPN	2:40.67 UTE ROMBERG GER	20:39.39 TRACY GRILLI USA	1:10.24 SUZANN HEIM-BOWEN USA
200 M. BACK	2:41.25 REBECCA KALIBAT USA	21:02.28 CINDY LEE USA	1:11.17 JENNY WHITELEY AUS
2:23.64 K PIPES-NEILSEN USA	2:42.43 SHIZUKO HIRAISHI JPN	21:05.30 N STEADMAN-MARTIN USA	1:11.25 COLETTE CRABBE USA
2:34.81 LESLEY WILDE GBR	2:42.58 TRACEY ELLIS GBR	21:20.07 CELIA DEVANNEY USA	1:13.05 BRIDGET VACHE USA
2:36.69 CAROLINE KRATTLI USA	2:44.24 ANNA DELOZIER USA	50 M. BACK	1:13.20 HARUMI SUGNUMA JPN
2:37.58 UTE ROMBERG GER	2:44.38 CECILIA STANFORD RSA	33.89 K ANDRUS-HUGHES USA	1:14.15 M PUJALET-DEVITT USA
2:41.17 JENNIFER PORTMAN USA	400 M. I.M.	34.39 ANGELA ZINGLER GER	1:14.41 ANGELA ZINGLER GER
2:41.26 SALLY BELL AUS	5:12.58 K PIPES-NEILSEN USA	34.45 SHANE GOULD AUS	1:14.90 MARY HUGHES USA
2:42.07 MASAMI HIGURASHI JPN	5:30.73 CAROLINE KRATTLI USA	34.69 AROMA MARTORELL BRA	1:15.14 SUSAN SKIFF ITA
2:42.57 NAKO SHIDE JPN	5:39.62 LESLEY WILDE GBR	35.18 ATIE PIJTAK NED	1:15.20 FERNANDA PRADO BRA
2:44.62 LYNN MARSHALL CAN	5:40.93 REBECCA KALIBAT USA	35.18 SARAH BANKO USA	200 M. FLY
2:45.08 VALERIE JENKINS USA	5:42.04 VIBEKE SWANSON USA	35.20 JENNY WHITELEY AUS	2:38.75 JENNY WHITELEY AUS
50 M. BRST	5:49.38 RENATE CHRIST GER	35.30 LAURA GORGERINO ITA	2:42.61 COLETTE CRABBE USA
34.90 CAROLINE KRATTLI USA	5:5		

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5:08.31	LAURA VACA	PUR	1:32.39	KAY GRAHAM	AUS	100 M. FREE	3:13.12	SUSIE BRESLIN	GBR
5:10.28	BARBARA DUNBAR	USA	1:32.54	CATHY MERRITT	CAN	1:09.13 SUSAN HODGE	3:13.76	MARCIA BARRY	USA
5:16.89	KATHI LINDSTROM	USA	200 M. BRST			1:09.55 F WILLIAMSON	3:18.21	JULIA KEMP	GBR
5:23.50	SUSAN HALFACRE	USA	3:04.92	ULRIKE URBANIAK	GER	1:11.18 BRIGITTE MERTEN	3:18.22	MASAKO AKITA	JPN
5:25.02	DEB WALKER	USA	3:08.65	JENNIFER MERRITT	GBR	1:11.20 JUDY WILSON	3:19.46	JEANNIE MITCHELL	USA
5:26.57	PRISCILL KAWAKAMI	USA	3:10.20	DEB WALKER	USA	1:11.67 CAROL FELLOWS	50 M. BRST		
5:32.39	SUSAN HAIGH	GBR	3:12.24	DANIELLE OGIER	USA	1:13.49 ANNEROSE TROBISCH	39.66	JAN WICKS	AUS
5:35.67	CLAUDIA KOCH	GER	3:13.56	DOT MUNGER	USA	1:16.62 MARCIA BARRY	41.12	JULIE CRAYFORD	GBR
800 M. FREE			3:15.56	PETRA SCHROER	GER	1:16.74 JUDY ALDEN	41.81	GINGER PIERSON	USA
9:57.52	LAURA VAL	USA	3:16.67	BEV STUBBINGS	AUS	1:17.16 ANGELIKA RADAU	42.08	MEEGAN WILSON	USA
10:21.14	JACKI HIRSTY	USA	3:20.63	KAY GRAHAM	AUS	1:17.85 BITTE AXLING	42.57	JUDY ALDEN	GBR
10:24.6									

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400 M. I.M.		37.02 SATOKO TAKEUJI	JPN	1:39.92 MONIKA SENFTLEBEN	GER	6:40.25 BARBARA FENTIMAN	GBR
6:36.99 JULIE CRAYFORD	GBR	37.87 MARGARET WILDING	GBR	1:41.77 YOKO UOZU	JPN	6:46.85 JEANNE LITTLE	USA
6:55.50 RITSUKO KUROSAWA	JPN	38.61 HIROMI SATO	JPN	1:42.34 JACKIE MARR	USA	800 M. FREE	
7:01.03 CHRISTIE HAYES	USA	41.33 JANET BROWN	GBR	1:44.35 MICHIE DOI	JPN	12:06.31 YOSHIKO OSAKI	JPN
7:05.62 INGEBORG SEIDEL	GER	41.65 CHRISTEL SCHULZ	GER	200 M. FLY		12:47.62 REIKO ISHIZAKI	JPN
7:10.40 MEEGAN WILSON	USA	41.99 JEN THOMASSON	AUS	3:22.22 HANNELORE ROSE	GER	12:49.76 HELGA REICH	GER
7:11.78 A SUSAN TYLER	USA	42.49 BARBARA FRID	USA	3:27.22 SILVANA ABREU	BRA	13:32.74 MARGA SCHULZE	GER
7:14.69 GINGER PIERSON	USA	42.92 BONNIE PRONK	CAN	3:36.05 JACKIE MARR	USA	13:52.52 BETSY JORDAN	USA
7:19.62 JANET GETTLING	USA	42.97 NORIKO YOSHIDA	JPN	3:43.58 LYNNE LUND	USA	14:07.58 ADRIENNE PIPES	USA
7:20.96 KATHRINE CASEY	USA	43.18 KAZUKO ITO	JPN	3:46.15 REIKO NAGASAKU	JPN	14:07.90 DENISE ROBERTSON	AUS
7:22.64 ROSA MONTAGUE	AUS	100 M. BACK		3:47.52 MONIKA SENFTLEBEN	GER	14:09.58 JUTTA SEIDL	GER
*****		1:24.35 MARGARET WILDING	GBR	3:52.69 GEORGINA H			

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3:39.88	TAYO FUJIEDA	JPN	1:34.99	KII SAITO	JPN	50 M. BRST	9:43.37	CHIYO FUKUSHIMA	JPN
3:41.38	KUMIE TOKUDA	JPN	1:35.41	PAT NIBLETT	CAN	46.78 A. LEENE-RODAL	9:52.26	BOBBIE LEA	AUS
3:44.79	DIANE STOWELL	USA	1:35.58	MICHIKO OKUMURA	JPN	49.49 L. MOTSCHIEDLER	10:05.96	TSURUYO TANAKA	JPN
3:47.20	HIROKO OTANI	JPN	1:36.19	MARLENE MENDES	BRA	49.70 SYLVIA EISELE	10:07.02	THELMA BRYAN	AUS
3:50.44	YUKO SAKAGAMI	JPN	1:36.63	TOSHIO WADA	JPN	49.90 ANN HIRSCH	10:10.04	ELVERA VICKERY	AUS
3:51.98	KEIKO YAMADA	JPN	1:36.85	ANN HIRSCH	USA	50.44 NORMA POWELL			
3:52.99	SALLY NEWELL	USA	200 M. FREE			52.70 CAROL TAYLOR			
3:53.01	INGRID SIEGERT	GER	2:54.79	JANE ASHER	GBR	52.80 ERIKA LOPES			
50 M. FLY			2:57.28	LAVELLE STOINOFF	USA	53.55 JARMILA REBICKOVA			
37.54	YOSHIKO OSAKI	JPN	3:26.05	MITSUKO KOMURO	JPN	53.78 BARBARA MORTON			
37.67	HARUMI SUGIMOTO	JPN	3:26.37	MICHIKO OKUMURA	JPN	53.80 SETSUKO OKUBO			
38.31	HAIKE HOLER	GER	3:27.26	MIEKO MATSUKAWA	JPN	100 M.			

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53.83	OLIVE HALE	GBR	5:46.44	MARIANNA HAGAN	USA	20:38.66	LOUISE BOWERSOCK	USA	1:24.41	V. HAZELGROVE	AUS
53.85	YOKO KOBAYASHI	JPN	5:55.16	GLADYS OLSEN	USA	20:50.05	JOYCE O'FARRELL	AUS	1:32.16	BARBARA BOHM	GER
54.12	MARIE COLLINS	NZL	6:07.35	NORA RONAI	BRA	21:41.34	JAE HOWELL	USA	1:34.95	MARJORIE NEWMAN	USA
100 M.	BACK		6:35.91	BETTY DUNN	USA	21:51.91	SIMONE BENOIT	FRA	1:35.07	MARY WIXTED	USA
1:42.81	JOAN PARNELL	CAN	7:33.85	RAY REEVES	AUS	22:13.74	NANCY AYRES	AUS	100 M.	FLY	
1:45.59	BETTY LORENZI	USA	7:38.00	MARIAN WOLLE	USA	22:28.21	MARJORIE NEWMAN	USA	2:37.96	JAE HOWELL	USA
1:50.83	KERSTIN GJORES	SWE	8:28.46	JEANNE CRAWFORD	AUS	1500 M.	FREE		2:47.79	JUNE REYNOLDS	USA
1:56.10	RUZENA VYMAZALOVA	CZE	8:52.33	GLORIA STUPFEL	USA	29:53.28	MARGERY MEYER	USA	2:50.66	NORMA RUDOLPH	AUS
1:59.50	JUNE KRAUSER	USA	200 M.	I.M.		41:56.11	MARJORIE NEWMAN	USA	2:59.51	FUMI MURATA	JPN
2:00.02	ERIKA LANGE	GER	4:13.99	JUNE KRAUSER	USA	50 M.	BACK		4:04.31	MARJORIE NEWMAN	USA
2:00.96	K										

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22:17.34	WILLY VAN RYSEL	GBR	6:30.92	EDITH GLUSAC	USA	53.86	CHRISTOPH BUHLER	SUI	29.98	SATORU UMEZAKI	JPN
23:10.26	MARIA LENK-ZIGLER	USA	7:26.07	KAY SCHIMPF	USA	54.13	ADAM CONWAY	USA	30.22	TAKASHI HIRAKAWA	JPN
23:46.74	KAY SCHIMPF	USA	10:59.68	HILDA BUEL	USA	54.15	SASCHA JANITZKI	GER	30.56	HERMAN LOUW	USA
24:26.73	KATH JOHNSTONE	NZL	400 M. I.M.			200 M. FREE			30.64	BRIAN JACOBSON	USA
25:13.40	GERTRUDE ZINT	USA	13:38.34	GERTRUDE ZINT	USA	1:56.00	ANDREW MANLEY	GBR	30.73	T.YATSUSHIRO	JPN
27:14.02	MARY LATHRAM	USA	*****			1:56.61	PHILIPP GILGEN	SUI	30.83	GREGORY MAZERIS	FRA
1500 M. FREE						1:58.67	GILBERTO RIVAS	PUR	30.83	SCOTT CAMPEA	USA
32:33.60	RITA SIMONTON	USA		WOMEN 90-94		1:58.70	IVES GARCIA	PUR	30.87	M.SAKAKIBARA	JPN
45:05.23	KAY SCHIMPF	USA	*****			1:59.36	KIMITAKA MINOBE	JPN	100 M. BRST		
48:19.78	KATH JOHNSTONE	NZL	50 M. FREE			1:59.62	HIROFUMI NAKAGAWA	JPN	1:05.80	JEFF COMMINGS	USA
49:57.16	MARY LATHRAM	USA	1:13.32	MARGO BATES	AUS	2:00.12	Y.BURGHGRAEVE				

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5:05.40	TIM SPIWOKS	GER	100 M. BACK	2:21.85	IVAN NEGRON	USA	9:15.05	MANFRED KODER	GER
5:08.16	A.ANGELOTI	BRA	1:00.80 Y.NAKAHARA	2:22.77	DAVID MAYNARD	GBR	9:18.52	RICHARD PEASE	USA
			1:02.34 SCOTT REED	2:23.43	RENE BEETSMA	NED	9:23.75	DOUG STEWART	USA
*****			1:02.82 ANDREAS DENCKER	2:23.49	HIROYUKI NAKAMURA	JPN	1500 M. FREE		
	M E N 30-34		1:02.90 RENE SAEZ	2:24.66	DONAL HORGAN	ITA	16:50.83	ERIK HOCHSTEIN	USA
*****			1:02.91 R.LOCOCIOLO	200 M. I.M.			17:10.80	CHRISTOPHER BLACK	USA
50 M. FREE			1:03.06 CURTIS SAWIN	2:15.72	C.BATTISTINI	ITA	17:11.89	GEOFFREY GLASER	USA
23.92	SVEN GUSKE	GER	1:03.40 MARCO RUSSO	2:16.17	Y.NAKAHARA	JPN	17:15.37	BENEDIKT NOSS	GER
24.29	MAKIO ENDO	JPN	1:03.49 EMILIANO ASSANDRI	2:16.73	SCOTT REED	USA	17:28.05	RAUL JUNIOR	BRA
24.57	JOCHEN BRUHA	GER	1:03.74 JEFFREY RODDIN	2:16.86	CYRIL CAVAGNA	FRA	17:31.80	CUSTODIO RIBEIRO	BRA
24.62	TORSTEN SCHEUNERT	GER	1:03.87 MARCO ORSINI	2:17.27	GREGORY LATTI	USA	17:38.70	MARCO POMPONI	ITA
24.82									

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26.56	HARTMUT BERNER	GER	2:03.25	RICARDO SANTOS	BRA	100 M. BRST	25.36	JACK GROSELLE	USA
26.65	MARCEL EKKELBOOM	GER	2:03.83	MICHAEL KLEIBER	GER	1:09.97 PLAMEN ALEXANDROV	25.41	TRIP HEDRICK	USA
26.74	L.MICHELOTTI	ITA	2:04.76	GENNARO LA SALA	ITA	1:10.56 DAVID GUTHRIE	25.42	STEVE ALLBRITTON	USA
26.75	ALLAN KELSEY	USA	2:04.98	STEVEN NEWMAN	USA	1:10.65 THOMAS LIGL	25.50	FABRIZIO GRIFFO	ITA
26.80	ANDREA ORIENTE	ITA	2:05.41	B.BORDONALI	ITA	1:11.87 BRIAN CASEY	25.51	GREGORY OXLEY	USA
26.81	NEILL WILLIAMS	USA	2:06.33	KEITH BERRYHILL	USA	1:12.35 DEAN PUTTERMAN	25.62	ROLAND WENDEL	GER
26.84	TOMOHIRO ONO	JPN	400 M. FREE			1:12.58 BRIAN HASEGAWA	25.68	JOHN STACPOOLE	AUS
26.88	KEITH KAPLAN	USA	4:16.40	MICHAEL KLEIBER	GER	1:13.20 TADASHI FUJIMOTO	25.76	CHARLES NORELLI	USA
100 M. FLY			4:17.40	KAI DITZEL	GER	1:13.45 RENATO POSSANZINI	25.83	PETER NOCKE	GER
57.10	HENRY CLARK	USA	4:23.75	DANIEL MACHEK	CZE	1:13.59 DIRK HAIBACH	100 M. FREE		
58.84	RICHARD PEASE	USA	4:24.89	B.BORDONALI	ITA	1:13.87 EDWIN VAN NORDEN	54.58	JACK GROSELLE	USA

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1:07.98	PHILIP ARCUNI	USA	2:24.87	GREGORY OXLEY	USA	18:59.31	SCOTT LAUTMAN	USA	100 M. FLY		
1:08.39	DOUG PORTELANCE	USA	2:26.26	JIM CALLAHAN	USA	19:03.08	JEFF STRNAD	USA	1:01.79	GREG SHAW	USA
1:08.42	JACK ALTDORFFER	USA	2:26.43	TOM REUDY	USA	19:07.20	G.SCARAMEL	ITA	1:01.93	JOHN MCCALL	USA
200 M. BACK			2:26.51	KEVIN DRAKE	USA	19:22.66	JAMES RYAN	USA	1:02.73	V.GALAVTINE	RUS
2:18.61	WIESLAW MUSIAL	CAN	2:26.55	ALEXEI ZVEREV	GER	19:37.87	PHIL DODSON	USA	1:02.91	SCOTT LAUTMAN	USA
2:19.07	FRITZ LEHMAN	USA	2:27.65	THOMAS BLISS	USA	19:37.88	RICK WALKER	USA	1:06.15	TOM GEIMAN	USA
2:19.18	SCOTT SHAKE	USA	2:28.11	UWE KUSSATZ	GER	50 M. BACK			1:06.90	DON MEHL	USA
2:20.14	WILLIAM SPECHT	USA	2:28.83	STEVE FRANKLIN	USA	30.36	CASEY CLAFLIN	USA	1:07.45	C.STARZEC	FRA
2:24.84	JAMES BALLARD	USA	400 M. I.M.			30.64	V.GALAVTINE	RUS	1:07.49	RICHARD GARRETT	USA
2:27.23	ALAN GODFREY	USA	5:08.79	SCOTT SHAKE	USA	30.95	JEFFREY PEROUT	USA	1:07.98	ROB WEYHENKE	NED
2:29.58	PHILIP ARC										

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4:38.81	R TOD SPIEKER	USA	1:23.25	EDWARD NESSEL	USA	28.78	PETER STRAKA	CAN	2:52.57	HUGH RODDIN	USA
4:50.05	GRAHAM CROFT	AUS	1:23.26	GALEN DENIO	USA	28.85	HIROSHI MARUYAMA	JPN	2:53.79	C MUTER	USA
4:53.33	LONNY HARRISON	USA	1:23.52	TERUO IWATA	JPN	100 M.	FREE		2:54.28	LUCIEN GAUCHE	FRA
4:54.03	DUNCAN MCCREADIE	GBR	1:23.63	SHOJI YAMASHITA	JPN	1:01.25	KEEFE LODWIG	USA	2:55.56	LUIZ F.FIGUEIREDO	BRA
4:54.41	CHRIS DUNN	GBR	200 M.	BRST		1:03.13	IAN SMITH	CAN	2:55.66	ROBERT SMITH	USA
4:56.36	FRANK MCELROY	USA	2:53.88	ROBERT STRAND	USA	1:03.60	TOM LANDIS	USA	2:55.82	BILL RUPERT	USA
4:57.21	ANDY WILSON	GBR	2:55.70	GEORGE WENDT	USA	1:03.78	RUDOLF SMERDA	CZE	2:56.33	FRANS VAN ENST	NED
4:59.15	PETER WISNER	USA	3:02.16	ALBERTO SICA	ITA	1:04.66	HIROSHI MARUYAMA	JPN	2:57.81	MASAO KIJIMA	JPN
5:00.65	D.UIJTENBOGAART	NED	3:03.05	SHOJI YAMASHITA	JPN	1:04.70	JACK GEOGHEGAN	USA	50 M.	BRST	
5:00.78	TOM MEADE	USA	3:04.05	PAUL WYATT	AUS	1:04.89	DAVID BOYLSON	AUS	34.42	PETER ANDERSEN	USA
	800 M.		3:04.09	D.UIJTENBO							

World Masters Top 10 LCM (50 M)

2:53.59 TOM LANDIS	USA	50 M. BACK	1:24.24 ERNIE LESKOVITZ	USA	6:11.47 JOHN KALAS	USA
2:53.89 HIROSHI NONAKA	JPN	35.22 JOHN SMITH	1:24.33 WILLIAM LAUER	USA	6:16.21 GEORGE MILNE	CAN
400 M. I.M.		36.08 PETER BERGENGREN	1:24.97 TADAHIKO SAKATANI	JPN	6:16.66 KAZUO OTA	JPN
5:50.12 EDWARD CAZALET	USA	36.96 RUDI SCHWIND	1:25.56 MEL GOLDSTEIN	USA	800 M. FREE	
6:12.76 C MUTER	USA	37.46 ERIC FORSLUND	1:26.46 MASARU IGARASHI	JPN	11:35.34 BURWELL JONES	USA
6:13.67 TOM LANDIS	USA	37.57 ISAO KOYAMA	200 M. FLY		12:06.65 GRAHAM JOHNSTON	USA
6:16.54 HUGH RODDIN	USA	37.63 PETER BAUCH	3:05.49 DAVID CUMMING	GBR	12:24.77 JOSEF KREJCI	SUI
6:17.06 HELMUT BEER	GER	37.86 MOTOHISA HIROSE	3:13.11 DAVE MCLACHLAN	RSA	12:44.03 ROBERT MAYO	USA
6:19.07 MASAO KIJIMA	JPN	37.96 DAVID MCINTYRE	3:16.44 LUIS RICARDO SIMI	BRA	12:48.55 ALAN RAPPERPORT	USA
6:21.72 HENRI VIDIL	FRA	38.27 IKURO SHIMONO	3:16.48 RUDI BECKER	GER	12:55.28 WERNER MULLER	GER
6:22.05 MIKE FRESHLEY	USA	38.28 HEINZ HUBNER	3:22.26 WILLIAM LAUER	USA	12:56.79 ROBERT BEACH	USA
6:23.37 ROB HANOU	NED	100 M. BACK	3:23.18 RAFAEL PEREZ	ESP	13:05.48 JOHN KALAS	USA
6:29.02 KARL O						

World Masters Top 10 LCM (50 M)

3:24.61	WERNER MULLER	GER	1:19.03	HIROSHI YAMAZAKI	JPN	50 M. BRST	8:56.74	H. MURAMATSU	JPN
3:25.96	SHUNSAKU TAKAHIRA	JPN	1:19.22	FRANK PIEMME	USA	41.69 CHARLES URSTADT	9:15.99	ISAAC SISKIND	USA
3:31.80	VITEZSLAV SVOZIL	CZE	1:20.46	KARL HAUTER	GER	42.12 GERHARD GIERA	10:30.82	ART KELLEY	USA
3:33.09	BOB BEST	USA	1:21.00	TOSHIO SHIMIZU	JPN	42.16 HORST FRITZSCHE	11:08.99	ELMER LUKE	USA
3:33.17	RUDI VAN ESS	GER	1:21.62	HIROSHI IMAIZUMI	JPN	42.20 TOSHIO TAJIMA	12:06.60	JEAN LANGET	FRA
3:33.23	ERIVALDO LIMA	BRA	1:21.71	DALE WEBSTER	USA	42.26 ZENJI NAKAHARI			
3:34.69	TAKAO OKAMOTO	JPN	200 M. FREE			42.80 HORST FRITSCHE			
3:37.80	JORG FAUST	GER	2:46.28	HIROSHI YOSHIMURA	JPN	42.91 IWAQ YAMAMOTO			
50 M. FLY			2:54.11	ROD BAKER	AUS	42.94 RYUJI HASHIMOTO			
33.48	RON JOHNSON	USA	3:04.37	KARL HAUTER	GER	44.15 TADASU MATSUOKA			
33.61	J. LOUIS LE DALL	FRA	3:04.77	TOSHIO SHIMIZU	JPN	44.42 WERNER ASSMANN			
34.98	WERNER MULLER	GER	3:05.85	MAURICE LUSIEN	FRA	100 M. BR			

World Masters Top 10 LCM (50 M)

48.50	KEVIN VICKERY	AUS	5:33.42	DOMINIK KOZA	GER	50.81	M.FUKUSHIMA	JPN	50	M. FREE	
48.53	KAIZO WATANABE	JPN	5:51.57	RICHARD SMITH	USA	52.15	ARTHUR THOMAS	AUS	39.19	WOODY BOWERSOCK	USA
48.59	GAETANO PAVONE	USA	6:04.08	ANTONIO FIGUERO	ESP	53.00	GODFREY WILLIAMS	AUS	45.72	MASAHISA KANEKO	JPN
100 M. BACK			7:22.29	JAY CHARLES	USA	53.10	NILS FERM	SWE	47.05	KAZUNAGA AKUTSU	JPN
1:26.97	KEIJIRO NAKAMURA	JPN	10:17.38	DAN MCNEIL	USA	54.93	EDWARD SHEA	USA	47.34	R.REINSTADTLER	GER
1:42.95	ROGERS HOLMES	USA	200 M. I.M.			56.13	JOHN MERRILL	USA	47.67	MASAO UEDA	JPN
1:46.46	NILS KLING	SWE	3:59.62	JURGEN SCHMIDT	USA	56.96	SHOJI MIZUTA	JPN	54.54	HEINZ HILLIGER	GER
1:46.90	KEVIN VICKERY	AUS	4:06.79	ISAO FUNAMOTO	JPN	57.91	TOM HAVER	USA	55.21	GARY WEISENTHAL	USA
1:47.77	GAETANO PAVONE	USA	4:09.50	KEVIN VICKERY	AUS	100 M. BACK			57.87	L CROSSETT	USA
1:49.30	KAIZO WATANABE	JPN	4:29.48	TOM MCCALL	USA	1:50.84	GORO KOBAYASHI	JPN	1:04.85	GASTAO FIGUEIREDO	BRA
1:52.96	GORO TANIGUCHI	JPN</									

World Masters Top 10 LCM (50 M)

200 M. FLY			ATIE PIJTAK						RUTH BENNETT		
5:51.79 WALTER PFEIFER	USA		LIDIA VAN BON		AGE 200-239				LAURA WALKER		
200 M. I.M.			SV NEPTUN HERNE	GER	1:55.98	NEM	USA	2:09.47	MARCIA BARRY		
5:12.11 WALTER PFEIFER	USA		PETRA DUDA						DCM	USA	2:30.07
400 M. I.M.			ANDREA ROGALLA						NANCY KIRKENDALL		
11:19.91 WALTER PFEIFER	USA		TANJA BLOCH						BARBARA ZAREMSKI		
			T. DEGENKOLBE						IDA HLAVACEK		
*****			NEPTUNE CLUB	FRA	2:02.50	1776	USA	2:11.06	ANN SVENSON		
M E N 95-99			MURIEL ANDURAND						CONN	USA	2:33.62
*****			BLANDINE FAHY						MEREDITH MOORE		
50 M. FREE			ISABELLE THOMAS						SUZANNE GRAHAM		
1:06.93 ALFREDO CHERCHI	AUS		SANDRINE LE GALL						MARGIT JEBE		
1:48.40 HANS HAHN	GER		AQUATIC	SUI	2:03.04	SWIM NETWORK	JPN	2:11.46	CHRISTIE HAYES		
50 M. BACK			SONJA GWERDER			MISA FUNATS					

World Masters Top 10

LCM (50 M)

ROMFORD TOWN	GBR	2:08.75	SHIHOKO YUKI			HARUMI SUGIMOTO		SUNWAY YOKOHAMA	JPN	3:17.66
BORD ETUD	FRA	2:09.20	AYANO YUKI			TOMOKO TAMPO		TOMOYO KITAZAWA		
C.AMESTOY			ACADEMIA PRAIA	BRA	2:22.57	FU	JPN	2:38.30	MASAE KURATA	
MARIANNE GUIRAUD						KYOKO MAEDA		SHOKO YONEZAWA		
SANDRA JOFFROY			AGE 160-199			KATSUKO KURIHARA		YOKO SUGIYAMA		
BEATRICE ORSONI			VIC	CAN	2:10.75	JUNKO IDE		SOLK HELLAS	SWE	3:19.49
NTMC	CAN	2:12.53	CINDY RADFORD			TOMOMI SHIRASU		KERSTIN GORES		
DOMINIQUE CAMERON			JUDY WOODWARD			DONCASTER DOLPH	AUS	2:38.31	BARBRO THORNELOF	
JANA CHVATAL			SARAH MACDONALD			MARGARET MOORE		B.HJALMARSSON		
MARIJANA PRIMORAC			AVILA RHODES			DONNA GADSBY		MARIANNE GRANE		
JANET MAYVILLE			BSC ROBBEN BERL	GER	2:11.53	SUSAN HARBOTTLE		SC NAS MACHIDA	JPN	3:22.80
BRITISH POLICE	GBR	2:12.87	BARBARA STUBBE			KAYE JARROTT		YOSHIKO KINOSHITA		
			KATJA WACHTER			IM	USA	2:41.77	YOKO KOBAYASHI	

World Masters Top 10 LCM (50 M)

KOICHIRO IKEDA KONAMI HAMAMATS JPN 1:44.34 SHOJI NAKANISHI TORU OKUDA TORU ONODA K. MAUTSURA C. VIAJANTES BRA 1:44.45 SC DINSLAKEN GER 1:45.14 ROLF SPIWOKS UDO SPIWOKS T. BENNINGHOFF TIM SPIWOKS	MATTHEW GILSON BRIAN CASEY GUY DAVIS PETER WORLAND SPM USA 1:44.88 RUSSELL FRAZIER WILLIAM HEMPEL WILLIAM SPECHT STEVE ALLBRITTON TCC-COMPETITION BRA 1:46.13 PE MASTERS BRA 1:46.66	DONALD GALINE VSA HIRAKATA JPN 2:00.15 SHUNJI NAGAHAMA KUNIHIRO SATO HIROSHI KOJIMA TAKEKAZU KOTERA MSV MUNCHEN GER 2:00.67 PETER FRENZEL HERBERT GRUBER WERNER LECHNER ROLF GITTER ACADEMIA PRAIA BRA 2:00.97 SG NEUKOLLN GER 2:01.20 ADU HEWELCKE REINHARD ROSADA PETER SENFTLEBEN KLAUS MERTEN FLUMINENSE F. C BRA 2:01.54 HAKUYO S JPN 2:01.58 MITSUO HIRASAWA SADAYUKI WAKAI HIROSHI NONAKA TAKASHI TERAOKOSHI	BRUD CLEAVELAND JOSEPH KURTZMAN ROBERT BLAKE YOKOHAMA SUIEIK JPN 3:13.13 YOSHIAKI UEDA HIDEAKI KATO HISAO NAKAI AKIRA MATSUNO SETAGAYA MASTER JPN 3:15.78 HIDEYA FUJII HIROSHI HASEGAWA KINEO MATSUDA IWA O NARUSE SOLK HELLAS SWE 3:32.00 BO AMNELL NILS FERM ARNE JUTBER LENNART INGMO AMARAL MASTER BRA 4:10.52 WARRINGAH MASTE AUS 4:33.00 JOHN GWILLIM HARRY MOFFETT J. STEEN JOHN SHERIDAN C. R. ICARAI BRA 4:51.04
AGE 120-159 NEM USA 1:41.06 JASON EADDY MICHAEL GALLAGHER MARK GOLDMAN GIAN SCOZZARO AINOSENSHI JPN 1:41.29 TOMOHIRO ONO SHIGEHO NAKAYAMA YASUHIRO OKADA KO			

World Masters Top 10

LCM (50 M)

YSSUKE KOSUGI			LAURENT NEUVILLE	ACADEMIA PRAIA	BRA	2:18.20	ANDREW HOLDEN				
KAZUNORI TOKOI			DOMINIQ GOUVIAUX				GILBERT YOUNG				
YUSUKE ODA			NOVA	USA	2:01.40	SG NEUKOLLN	GER	2:18.98	SOLK HELLAS	SWE	3:45.77
TSUYOSHI KOIKE			TORD BENNER			KLAUS MERTEN			NILS FERM		
AINOSENSHI	JPN	1:55.08	TERRY TONGATE			ADU HEWELCKE			LENNART INGMO		
SHIGEHO NAKAYAMA			FRANK WASKO			HELMUT BEER			BO AMNELL		
NARIHITO WAKUI			WILLIAM WHERRITT			HARALD BESTIAN			ARNE JUTNER		
YASUHIRO OKADA						MSV MUNCHEN	GER	2:19.15	BC	CAN	4:03.48
TSUBASA KATO			AGE 200-239			HANS MUHLE			JAMES WARD		
TCC-COMPETITION	BRA	1:55.31	WASSERFREUNDE W	GER	2:01.69	WERNER LECHNER			JIM PANTON		
			FOLKERT MEEUW			PETER FRENZEL			JIM PORTELANCE		
POST LEIPZIG	GER	1:55.53	A.SCHLAGMANN			ROLF GITTER			PETER LOFTS		
JARNO WITTIG			AXEL FOCKE			FLUMINENSE F. C	BRA	2:19.34			
REINHARD MAIWALD			PETER NOCKE								

World Masters Top 10 LCM (50 M)

BRITTA STEVENS CLAUDIA KERN GUNTER STROTAKER SG FRANKFURT GER 1:50.02 ANTJE PRAEFKE SILVIA VIDA H. HARBRECHT P. SCHAFFRANIETZ NCMS USA 1:50.28 MARY DEMILIA HEATHER HAGEMAN ANDREW FARRELL HENRY STEWART AINOSENSHI JPN 1:50.45 MIKI TAKAYAMA SHIGEO NAKAYAMA TOMIKO MATSUO YASUHIRO OKADA GOST USA 1:50.81 GRANT WILSON JULIA APPELGATE LIV ANN GJESTVANG JOSEPH REINHARDT C. R. FLAMENGO BRA 1:51.33	1776 USA 2:00.66 JACK MARTIN DOT MUNGER THERESE HARRIGAN ROBERT JONES SOSHIGAYA JPN 2:02.08 Y. NISHIHARA HIDEKO CHUBACHI YOSHIE AOYAGI HIROYUKI AMAZAKI SOLK HELLAS SWE 2:02.16 HANS LJUNGBERG HARRIET BURE MARGARETA RAINER BO FOGELBERG GOLD USA 2:02.43 TIM ERICKSON ANNE LABORWIT R ANDERSON-BURNS GEORGE SCHMIDT 1776 USA 2:02.96 DAVID CASTO S WALSH BEILMAN CECILIA MCCLOSKEY WARREN FISHER SG FRANKFURT GER 2:03.20 HAIKE HOLER MICHAEL WOLSKI IRIS TECKENTRUP MICHAEL MROZINSKI SG EINHEIT RATH GER 2:04.69 CHRISTEL SCHULZ UWE ARNDT ADA LOFF PETER SCHENK SSG PFORZHEIM GER 2:05.05 PETRA STEINBERG KIM STOK FREDDY LANSCH KLAUS FELLNER MSV MUNCHEN GER 2:05.32 ANJA RITTER WERNER LECHNER GERLINDE MAUTE ROLF GITTER AGE 240-279 HEART OF ENGLAN GBR 2:02.81 SDSM USA 2:07.76 JACKIE MARR LYNNE LUND C MUTER PETER ANDERSEN SG NEUKOLLN GER 2:08.16 ADU HEWELCKE MONIKA SENFTLEBEN HEINZ DEKARA BRIGITTE MERTEN OAHU KIOICHO JPN 2:08.50 TETSUO FUNANO MASAYASU KAMIYA HIROKO KAYAMORI SATOKO KAWATA ISLAND TAKATSUK JPN 2:10.39 KAZUE OZAKI KIHEI YOSHIMURA NOBUKO NITTA SHINGO YAMAMOTO SUNWAY YOKOHAMA JPN 2:11.7
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World Masters Top 10

LCM (50 M)

AINOSENSHI JPN 2:02.79	FOLKERT MEEUW	HISAKO SATO	HEDLEY CRISP
MIKI TAKAYAMA	HEIDI UPPEKAMP	KIYOJI AMOTO	JAMIE JENKINS
NARIHITO WAKUI	JUTTA MEEUW	SG FRANKFURT GER 2:34.17	CM USA 4:41.60
YASHIRO OKADA	ANDREAS PETERSEN	HAIKE HOLER	MAURINE KORNFELD
TOMIKO MATSUO	SOLK HELLAS SWE 2:18.50	HORST SCHULZE	WALTER PFEIFER
SG FRANKFURT GER 2:03.87	MARGIT OHLSSON	MICHAEL WOLSKI	WOODY BOWERSOCK
P.SCHAFFRANIETZ	ROLF TEGEBACK	ANNEROSE TROBISCH	LOUISE BOWERSOCK
ANTJE PRAEFKE	HANS LJUNGBERG		YOKOHAMA SUIEIK JPN 4:41.60
SILVIA VIDA	MARGARETA RAINER	AGE 280-319	HIDEAKI KATO
H.HARBRECHT	MSV MUNCHEN GER 2:19.41	JUEI CLUB JPN 2:40.53	YOSHIKI UEDA
ACADEMIA 4X1 BRA 2:03.94	GERLINDE MAUTE	KEIJIRO NAKAMURA	TOSHIKO UEDA
SV NEPTUN HERNE GER 2:04.82	KARL ODKOLEK	TERUKO NISHISAKO	CHIYOKO TAKIZAWA
TANJA DEGENKOLBE	ANJA RITTER	SHOSHIN MORI	C.R.ICARAI BRA 5:06.22
PETRA DUDA	ROLF GITTER	YURIKO NAGAMATSU	CLUB NAGI ESP 5:49.61
SHRISTIAN STUBER	SWIM KENTUCKY USA 2:19.71	SUNWAY YOKOHAMA JPN 2:43.00	SELLARES
JENS STROHMEYER	WILLIAM TINGLEY	SHOKO YONEZAWA	MARGARIT
GOST USA 2:04.84	A WRIGHT-BELKNAP	TETSUO NAKAMARU	PAGES
JOSEPH REINHARDT	CHARLES MIESNER	MINORU NAGASHIMA	CLARET
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