





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

Table with columns for rank, name, country, time, name, country, time, name, country, time. Includes categories for Women 35-39 and Women 40-44.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

Table with columns for time, name, and country. Includes entries for 100 M. FLY, 200 M. FLY, 400 M. FREE, 800 M. FREE, and 1500 M. FREE. Lists names like LYNN BROWNSTEIN, G. CORLIS, MEL LEBSACK, etc.





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

Table with 4 columns: Rank, Name, Country, Time. Lists top 10 swimmers for various distances (100m, 200m, 400m, 800m, 1500m, 500m, 1000m, 1500m, 2000m, 2500m, 3000m, 5000m, 10000m) across multiple events.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

Table with columns for time, name, country, and event details. Includes categories for men and women across various distances (100m, 200m, 400m, 800m, 1500m, 2000m, 3000m, 5000m, 10000m, 15000m, 20000m, 30000m, 40000m, 50000m, 100000m).



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers for various events in 1989.





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

Table with 4 columns: Rank, Name, Country, Time. Lists top 10 swimmers for various age groups (80-84, 85-89, 90-94, 95-99, 100-104) in long course meters. Includes names like Edith Hewitt, Betty EtcHELLS, Anne Wilder, Dorothy Hopkins, etc.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

52.64	DAVID LUNDBERG	USA	2:18.36	ROSS MYERS	USA	2:17.19	AL JAEGER	USA	18:18.64	SHAWN FISCHER	USA
53.94	LOGVIN YURI	USR	2:18.64	M. BOHL	AUS	2:18.19	RALF WEHLING	FRG	18:22.52	RICK WINDES	USA
54.32	MARK NOETZEL	USA	2:20.19	D. PURCHAS	AUS	2:18.34	FSESENKO SERGEL	USR	18:26.59	ANDREW ANTONETZ	USA
54.74	R. SAWICKI	AUS	2:21.88	JAMES BOEGMAN	USA	2:19.78	S. MEARES	AUS	18:34.17	DAVID S. KEMLER	USA
55.54	KAY RICHTER	FRG	2:22.33	P. SAWREY	AUS	2:19.95	M. BOHL	AUS	18:43.44	W BRADLEY STETSON	USA
55.91	S. MEARES	AUS	2:23.45	CHARLES GROEN	USA	400 M. I.M.			18:44.80	MARCO AMIDANI	ITA
56.07	JOE SCHAFER	USA	2:26.30	JOHN S SCHMITZ	USA	4:52.30	GARETH SYKES	GBR	50 M. BACK		
56.09	STEFAN MADER	FRG	2:26.52	KUZNECOV VICTOR	USR	4:53.56	JAMES BOEGMAN	USA	28 01	DIX OZIER	USA
56.17	LEON VERHAGE	NED	50 M. BRST			4:56.04	M. SMEDLEY	AUS	28 52	RICHARD HEWSON	USA
56.19	D. PURCHAS	AUS	30.50	PETER MCCLAFFERTY	USA	4:57.91	AL JAEGER	USA	29 14	M. MORGAN	AUS
2:01.20	M. FREE		30.91	MEDVEDEV IGOR	USR	5:03.82	D. MOSS	AUS	29 42	SCOTT MALM	USA
2:02.17	LOGVIN YURI	USR	31.63	MARK STORER	USA	5:04.19	S. MEARES	AUS	29 89	RYSZARD ZUGAJ	FRG
2:02.17	JAMES BOEGMAN	USA	31.66	ANDREAS GRUNBERG	FRG	5:06.09	A. GRAY	AUS	30 24	BRENT KRANTZ	USA
2:02.66	KAY RICHTER	FRG	31.78	STEFFEN ANTHES	FRG	5:08.68	STEPHEN BARNICOAT	USA	30 28	R. DILL-MACKY	AUS
2:02.92	BERNHARD KOPPF	FRG	31.88	DAVID HORTON	USA	5:08.82	T. FORD	AUS	30 30	JAIME BAIRD	USA
2:03.40	PETER WIESE	FRG	31.94	DENIS SCHABER	FRG	5:09.08	TIM MAXIMOFF	USA	30 36	SALVATORE NANIA	ITA
2:03.58	S. MEARES	AUS	32.31	RONALD HERRMANN	FRG				30 49	STEVE BURCHAN	GBR
2:04.57	ALAN A VOISARD	USA	32.48	M. SMEDLEY	AUS	*****			100 M. BACK		
2:04.78	PATRICK MITCHELL	USA	32.51	PAUL WRIGHT	GBR	M E N 30-34			1:03 05	DIX OZIER	USA
2:05.14	HOLGER KLYSZCZ	FRG	100 M. BRST			*****			1:03 46	R. DILL-MACKY	AUS
2:05.34	AL JAEGER	USA	1:04.60	DAVID LUNDBERG	USA	50 M. FREE			1:03 92	SCOTT MALM	USA
400 M. FREE			1:09.16	PETER MCCLAFFERTY	USA	24.65	SAM JONES	USA	1:04 02	KEVIN PARFOOT	GBR
4:20.82	JAMES BOEGMAN	USA	1:09.40	C.ANDREY	USR	24.80	RICHARD HEWSON	USA	1:04 54	RICHARD HEWSON	USA
4:21.59	ROBIN BREW	GBR	1:09.99	M. SMEDLEY	AUS	24.93	JOHN TUDOR	USA	1:05 98	SCOTT SHAKE	USA
4:22.33	T. FORD	AUS	1:10.12	ANDREAS GRUNBERG	FRG	24.95	DIX OZIER	USA	1:06 09	STEVE BURCHAM	GBR
4:23.64	A. GRAY	AUS	1:10.37	MARK STORER	USA	24.98	N. MORGAN	AUS	1:06 25	JOHN KRUNOW	USA
4:23.68	GARETH SYKES	GBR	1:11.50	ROBIN BREW	GBR	25.08	ROBIN RAMIREZ	USA	1:06 55	JAIME BAIRD	USA
4:26.95	PATRICK MITCHELL	USA	1:12.01	JEFFREY KENNEDY	USA	25.14	WENDELL SMITH	USA	1:06 99	RON COBB	USA
4:28.60	S. MEARES	AUS	1:12.12	KONRAD LIGL	FRG	25.35	MARKOVSKI ALEXEI	USR	200 M. BACK		
4:29.32	ROLF HENKEL	FRG	1:12.37	TY SEGREST	USA	25.41	BRIAN ARCHIBALD	GBR	2:15 32	R. DILL-MACKY	AUS
4:30.87	ROSS MYERS	USA	200 M. BRST			25.48	G. HENRY	AUS	2:19 58	KEVIN PARFOOT	GBR
4:31.46	ALAN A VOISARD	USA	2:29.38	MURRAY BUSWELL	GBR	100 M. FREE			2:21 41	SCOTT MALM	USA
800 M. FREE			2:33.66	PETER MCCLAFFERTY	USA	53.87	DAN STEPHENSON	USA	2:24 26	SCOTT SHAKE	USA
9:07.70	A. GRAY	AUS	2:34.22	ANDREAS GRUNBERG	FRG	54.09	SAM JONES	USA	2:25 10	JENS SCHIPHORST	FRG
9:25.73	M. SMEDLEY	AUS	2:36.40	C.ANDREY	USR	54.51	N. MORGAN	AUS	2:25 72	ROY F WESSBECHER	USA
9:26.16	AL JAEGER	USA	2:36.55	M. SMEDLEY	AUS	55.05	STU MARVIN	USA	2:26 63	STEVE BURCHAM	GBR
9:29.23	PATRICK MITCHELL	USA	2:37.85	MARK STORER	USA	55.29	RICHARD HEWSON	USA	2:27 68	SHAWN FISCHER	USA
9:35.18	MICHAEL L BENNETT	USA	2:38.23	RALF WEHLING	FRG	56.13	A. HUNTER	AUS	2:28 20	A. GODFREY	AUS
9:36.05	A. SAMBROOK	AUS	2:39.28	MICHAEL MANNO	FRG	56.23	TIMOTHY DALY	USA	2:28 40	JEFF THIBODEAUX	USA
9:38.11	STEVEN ROEDER	USA	2:40.04	MICHAEL CASCIATO	USA	56.39	PAUL MORRIS	GBR	50 M. BRST		
9:40.78	MIKE KECK	USA	2:40.15	KONRAD LIGL	FRG	56.49	G. HENRY	AUS	30 33	PETER LANG	FRG
9:44.07	JEFF NEUFELD	USA	50 M. FLY			57.10	G. BREWER	AUS	30 56	BRUCE L. HOWELL	USA
9:44.16	KEITH BERRYHILL	USA	26.53	DICK DILALLA	USA	200 M. FREE			31 07	SAM JONES	USA
1500 M. FREE			26.58	SAM SEIPLE	USA	1:57.93	DAN STEPHENSON	USA	31 90	JAY MCDONALD	USA
16:49.25	BOBBY PATTEN	USA	26.73	R. SAWICKI	AUS	2:00.37	M. MORGAN	AUS	31 90	DEMENTEV VLADIMIR	USR
17:21.33	JAMES BOEGMAN	USA	26.92	CLAY BRITT	USA	2:04.05	A. HUNTER	AUS	31 93	HARTMUT SCHMIDT	FRG
17:41.76	ROLF HENKEL	FRG	27.05	FRANK A. WASKO	USA	2:04.61	TIMOTHY DALY	USA	32 24	DOUG MALCOLM	USA
18:23.08	STEPHEN BARNICOAT	USA	27.06	ROGER BIRRER	SUI	2:05.23	L. MEISENHEIMER	USA	32 59	PIETER BOIDIN	SUI
18:26.45	ROSS MYERS	USA	27.25	STEFAN KRUG	FRG	2:05.72	ANDREW ANTONETZ	USA	32 63	PAUL MORRIS	GBR
18:29.23	JOHN S SCHMITZ	USA	27.27	MATTHEW J. LUM	USA	2:06.31	SCOTT MALM	USA	32 64	GERHARD AMMER	FRG
18:34.78	UWE UMBACH	FRG	27.31	CHRIS WATERS	USA	2:06.65	S. FRY	AUS	100 M. BRST		
18:39.33	KEITH BERRYHILL	USA	27.34	MARK NOETZEL	USA	2:07.51	CARL FREYHOFF	FRG	1:10 84	HARTMUT SCHMIDT	FRG
18:40.54	G.FRENTJEN	FRG	100 M. FLY			2:08.37	JEFFERY C MILTON	USA	1:11 60	DOUG MALCOLM	USA
18:44.20	JENS WIENSTRUCK	FRG	59.46	MARK NOETZEL	USA	400 M. FREE			1:12 80	STEVE LENTZ	USA
50 M. BACK			59.51	BOLHAKOV VLADIMIR	USR	4:11.81	DAN STEPHENSON	USA	1:13 47	BARRY O'BRIEN	GBR
27.48	CLAY BRITT	USA	59.87	DICK DILALLA	USA	4:25.24	JEFFERY C MILTON	USA	1:14 01	JOHN P ROEMER	USA
28.60	KUZNECOV BIKTOR	USR	59.97	CHRIS WATERS	USA	4:28.96	R. BUTCHER	AUS	1:14 13	DEMENTEV VLADIMIR	USR
28.98	AL JAEGER	USA	1:00.30	R. SAWICKI	AUS	4:30.07	A. HUNTER	AUS	1:14 22	PHILIPPE CALAIS	GBR
29.24	PETER WIESE	FRG	1:00.96	STEVE THOMAS	GBR	4:30.55	JIM MONTGOMERY	USA	1:14 46	P. KIRKWOOD	AUS
29.31	ROGER BIRRER	SUI	1:01.09	PATRICK MITCHELL	USA	4:30.55	CARL FREYHOFF	FRG	1:14 84	GERHARD AMMER	FRG
29.45	FRANK DZIEIA	FRG	1:01.16	PETER ABELL	GBR	4:31.75	DAN GOERKE	USA	1:14 88	ALLEN LYDICK	USA
29.63	D. PURCHAS	AUS	1:01.71	JAMES TUCKER	USA	4:31.87	KLAUS KALINKE	FRG	200 M. BRST		
29.68	STEVE BARNICOAT	USA	1:01.85	STEFAN KRUG	FRG	4:32.03	S. FRY	AUS	2:36 08	JURGEN BRUHN	FRG
29.78	MICHAEL VOBNAKKE	FRG	200 M. FLY			4:34.28	SHAWN FISCHER	USA	2:37 96	HARTMUT SCHMIDT	FRG
29.83	JURGEN ROTH	FRG	2:16.41	CHRIS WATERS	USA	800 M. FREE			2:40 34	BARRY O'BRIEN	GBR
100 M. BACK			2:16.72	T. FORD	AUS	8:51.77	DAN STEPHENSON	USA	2:42 59	JOHN P ROEMER	USA
1:01.11	CLAY BRITT	USA	2:17.10	MIKE HALPENNY	USA	9:20.13	S. FRY	AUS	2:44 01	DEMENTEV VLADIMIR	USR
1:02.89	PETER WIESE	FRG	2:17.65	DOUG WILLIAMSON	USA	9:21.04	ROBERT NICHOLS	USA	2:44 82	PHILIPPE CALAIS	GBR
1:03.24	D. PURCHAS	AUS	2:17.70	D. MOSS	AUS	9:23.92	A. HUNTER	AUS	2:45 47	B TROP	USA
1:03.44	KUZNECOV VICTOR	USR	2:18.33	PETER ABELL	GBR	9:24.71	S. BADGER	AUS	2:48 75	SERGIO BERNARDINI	ITA
1:03.58	AL JAEGER	USA	2:18.34	M. SMEDLEY	AUS	9:29.75	DAN GOERKE	USA	2:49 09	JAMIE LOUIE	USA
1:03.75	ROSS MYERS	USA	2:19.06	A. GRAY	AUS	9:32.97	STEVE C BREITER	USA	2:49 89	JAY MCDONALD	USA
1:04.22	STEPHEN BARNICOAT	USA	2:20.21	BOLHAKOV VLADIMIR	USR	9:35.54	RICH DESELM	USA	50 M. FLY		
1:04.28	DENE ROBINSON	NZL	2:20.31	UWE UMBACH	FRG	9:37.51	RICK WINDES	USA	26 46	DIX OZIER	USA
1:05.13	JURGEN ROTH	FRG	200 M. I.M.			9:42.59	ROB COPELAND	USA	26 48	M. MORGAN	AUS
1:05.75	R. SAWICKI	AUS	2:13.60	ROBIN BREW	GBR	1500 M. FREE			26 66	SAM JONES	USA
1:05.75	RALF WEHLING	FRG	2:15.11	GARTH SYKES	GBR	17:19.53	JAMES MONTGOMERY	USA	26 71	MARKOVSKI ALEXEI	USR
200 M. BACK			2:16.08	PETER MCCLAFFERTY	USA	17:46.01	DAN GOERKE	USA	26 76	PAUL MORRIS	GBR
2:15.71	ROBIN BREW	GBR	2:16.42	JAMES BOEGMAN	USA	17:57.01	DAN STEPHENSON	USA	27 26	REINER STRAHLE	FRG
2:17.77	STEPHEN BARNICOAT	USA	2:16.80	PETER WIESE	FRG	18:04.95	CARL FREYHOFF	FRG	27 35	ROBIN RAMIREZ	USA





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

Table with columns for rank, name, country, time, name, country, time, name, country, time. Includes sub-sections for M E N 40-44, M E N 35-39, and M E N 30-34.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

1:07.44	BILL BARTHOLD	USA	2:26.53	FRED SCHLICHER	USA	10:10.29	R. CAMPION	AUS	2:58.43	ROB HANOU	NED
1:07.66	RICHARD COOLEY	USA	2:27.37	KEITH BELL	USA	10:14.18	JAMES CRANE	USA	3:00.33	CHARLES DOXAT	GBR
1:08.18	TOD SPIEKER	USA	2:30.89	JAMES LAMONTAGNE	USA	10:16.67	HUGH O WINN	USA	3:00.72	DOUGLAS MARKUSIC	USA
1:08.30	JAMES ROGERS	GBR	2:30.95	TED LEDVICH	USA	10:34.32	TEGZE P. HARASZTI	USA	3:01.50	A. NEILL	AUS
1:08.41	ANDREW MCPHERSON	USA	2:34.98	DAVID THOMPSON	GBR	10:36.99	RICHARD D BOYD	USA	3:01.62	KARL ODKOLEK	FRG
1:08.84	DICK W THOMAS	USA	2:37.76	STEVEN L DURAPAU	USA	10:39.59	PATRICK WICKENS	USA	3:02.11	MICHAEL WAKE	GBR
1:11.02	PETER HEEREN	FRG	2:42.76	D.UIJTENBOGAART	NED	10:51.42	V. PAUL	AUS	50	M. FLY	
1:11.39	GEOFFREY THWAITES	GBR	2:44.16	BRETT A SORGE	USA	10:56.02	G. SALTMAN	AUS	28	MARTY HULL	USA
1:11.69	STEPHEN MORGAN	USA	200	M. I.M.		11:04.83	K. LEE	AUS	28	KEEFE LODWIG	USA
1:12.32	FRANK WARNER	USA	2:23.96	RICHARD COOLEY	USA	1500	M. FREE		29	DOUG BUCHAN	USA
2:26.23	TOD SPIEKER	USA	2:26.22	NICOLAEV YURI	USR	19:37.26	HUGH WINN	USA	29	DICK PITMAN	USA
2:29.61	BILL BARTHOLD	USA	2:28.93	LARRY CHASE	USA	20:08.41	KEVIN KELLY	USA	29	JURGEN ALTENHOFEN	FRG
2:30.27	RICHARD COOLEY	USA	2:29.22	JOHN CALVERT	USA	20:10.75	GERRY DELONG	USA	29	83 GERRY DELONG	USA
2:33.25	J. COVACEVICH	AUS	2:29.45	JAMES LAMONTAGNE	USA	20:51.44	V. PAUL	AUS	29	85 RICHARD BASSI	USA
2:34.53	JOHN CALVERT	USA	2:29.63	J. COVACEVICH	AUS	20:52.04	PATRICK WICKENS	USA	29	90 LARRY HEWES	USA
2:36.84	GEOFFREY THWAITES	GBR	2:29.69	ELAM HITCHNER	USA	20:59.60	ENRICO TOSI	ITA	30	04 P. GILMOUR	AUS
2:37.29	FRANK WARNER	USA	2:31.66	KEITH BELL	USA	21:00.99	MIKE CALWELL	USA	30	12 BILL LIPSKY	USA
2:38.80	DICK W THOMAS	USA	2:32.82	GEOFFREY THWAITES	GBR	21:07.14	H. JOACHIM SCHMIDT	FRG	100	M. FLY	
2:40.26	PAUL HERBERT	USA	2:33.16	DAVID THOMPSON	GBR	21:25.30	PETER TEICHER	FRG	1:06	40 DICK PITMAN	USA
2:41.41	MARK LITMAN	USA	5:20.12	ELAM HITCHNER	USA	21:26.03	JOACHIM HINTZE	FRG	1:06	70 P. GILMOUR	AUS
50	M. BRST		5:20.57	J. COVACEVICH	AUS	50	M. BACK		1:07	06 GERRY DELONG	USA
32.35	DAN THOMPSON	USA	5:21.34	JOHN CALVERT	USA	31.07	RICHARD BURNS	USA	1:07	41 AVRAHAM MELAMED	USA
33.30	K.VLADIMIR	USR	5:26.67	ANDREW MCPHERSON	USA	31.45	ROBERT S SMITH	USA	1:08	56 ANTONIO D OPPIDO	ITA
33.60	T. FISHER	AUS	5:30.00	JOEL R WILSON	USA	32.62	RICHARD ALEXANDER	USA	1:08	83 JURGEN ALTENHOFEN	FRG
33.61	TIBOR CSERVENYAK	SUI	5:31.40	TOD SPIEKER	USA	32.91	CHEPELKN BORIS	USR	1:09	25 HELMUT BEER	FRG
33.75	KLAUS THIEDKE	FRG	5:32.30	DAVID THOMPSON	GBR	33.18	MARK LITMAN	GBR	1:09	56 JACK GEOGHEGAN	USA
33.93	KEN ZISKIN	USA	5:32.51	GEOFFREY THWAITES	GBR	33.31	JOHANN KREMER	FRG	1:09	71 BRIAN E FOSS	USA
34.32	ROBERT DAVIDSON	USA	5:33.13	D.UIJTENBOGAART	NED	33.44	RICHARD BASSI	USA	1:09	77 R.LLOYD-MOSTYN	GBR
34.40	RICHARD COOLEY	USA	5:34.05	JOHN R SULTAN	USA	33.47	T. STRAHAN	AUS	200	M. FLY	
34.57	BILL CHARBONNEAU	USA				33.57	JACK GEOGHEGAN	USA	2:35	16 P. GILMOUR	AUS
34.57	PETER HOFFT	FRG				33.70	MILOS TUMA	SUI	2:43	60 GERRY DELONG	USA
100	M. BRST					100	M. BACK		2:44	99 HELMUT BEER	FRG
1:14.27	KEN ZISKIN	USA				1:09.41	RICHARD BURNS	USA	2:46	70 H.SCHMIDT	FRG
1:14.78	PAUL B. HENNE	USA				1:09.94	ED BARTSCH	USA	2:47	21 DICK PITMAN	USA
1:15.13	GERHARD PREINER	FRG				1:12.79	RICHARD ALEXANDER	USA	2:47	76 R. CAMPION	AUS
1:15.53	T. FISHER	AUS				1:13.02	ENRICO TOSI	ITA	2:48	30 JOACHIM HINTZE	FRG
1:16.03	MANFRED ZEHR	FRG				1:13.47	STEVEN THRASHER	USA	2:50	20 MIKE LAUX	USA
1:16.81	CLAY KOLAR	USA				1:13.86	EDWARD G CAZALET	USA	2:50	62 R.LLOYD-MOSTYN	GBR
1:16.89	JOCHEN FELMBERG	FRG				1:13.91	MARK LITMAN	GBR	2:51	05 GUNTER SCHOPKE	FRG
1:17.14	BILL CHARBONNEAU	USA				1:14.05	JOHANN KREMER	FRG	200	M. I.M.	
1:17.15	K.VLADIMIR	USR				1:15.01	CHEPELKN BORIS	USR	2:33	08 MARTY HULL	USA
1:17.18	JAMES BAER	USA				1:15.26	ADU HEWELCKE	FRG	2:36	45 JURGEN ALTENHOFEN	FRG
200	M. BRST					200	M. BACK		2:37	61 ANTONIO D OPPIDO	ITA
2:43.27	KEN ZISKIN	USA				2:31.90	ED BARTSCH	USA	2:38	51 TEGZE P. HARASZTI	USA
2:45.45	T. FISHER	AUS				2:34.25	RICHARD BURNS	USA	2:39	19 GERRY DELONG	USA
2:46.55	MANFRED ZEHR	FRG				2:39.05	EDWARD G CAZALET	USA	2:39	91 JAMES PELISSIER	USA
2:47.09	GERHARD PREINER	FRG				2:39.79	ENRICO TOSI	ITA	2:39	94 HELMUT BEER	FRG
2:49.26	ELAM HITCHNER	USA				2:40.79	STEVEN THRASHER	USA	2:40	16 A.GALLETLY	GBR
2:49.81	CLAY KOLAR	USA				2:41.87	MARK LITMAN	GBR	2:40	48 T. STRAHAN	AUS
2:50.29	JOCHEN FELMBERG	FRG				2:45.31	RUDI SCHULZ	FRG	2:40	63 ADU HEWELCKE	FRG
2:50.91	MAL JESTER	USA				2:46.93	RICHARD ALEXANDER	USA	400	M. I.M.	
2:51.02	IAN THOMPSON	USA				2:48.06	H.SCHMIDT	FRG	5:33	42 EDWARD G CAZALET	USA
2:53.36	D UIJTENBOGAART	NED				2:48.06	HEINE HEINRICH	FRG	5:45	32 RICHARD D BOYD	USA
50	M. FLY					50	M. BRST		5:46	10 A.GALLETLY	GBR
27.15	DAN THOMPSON	USA				34.32	MARTY HULL	USA	5:46	66 GERRY DELONG	USA
28.11	ANDREW MCPHERSON	USA				34.33	PETER KUNZE	FRG	5:48	68 R. CAMPION	AUS
28.27	NICK LECLERCQ	USA				34.55	CYRIL KRAL	FRG	5:51	93 HARRY WICKENS	USA
28.35	LARRY CHASE	USA				35.55	ROBERT APEL	GBR	5:52	78 RICHARD BAUSCHARD	USA
28.92	JAN ANTHONI	NED				35.59	DOUGLAS MARKUSIC	USA	5:54	66 HELMUT BEER	FRG
29.04	GARY LANGENDOEN	USA				35.90	JURGEN ALTENHOFEN	FRG	5:56	28 P. GILMOUR	AUS
29.22	ERIC HENDERSON	GBR				36.04	M. MOLONEY	AUS	5:57	14 AVRAHAM MELAMED	USA
29.29	TIBOR CSERVENYAK	SUI				36.11	A. HUMPHREYS	AUS			
29.32	ROBIN KLEFFMAN	USA				36.20	WOLFGANG TEMKE	FRG			
29.37	BOO GALLAS	USA				36.33	RANIER OPITZ	FRG			
29.37	DICK W THOMAS	USA				100	M. BRST				
100	M. FLY					1:15.58	MARTY HULL	USA			
1:03.68	J. COVACEVICH	AUS				1:19.61	JAMES PELISSIER	USA			
1:03.93	ANDREW MCPHERSON	USA				1:20.30	ROBERT APEL	GBR			
1:04.16	FRED SCHLICHER	USA				1:20.37	WILLIAM MULLIKEN	USA			
1:05.72	KEITH BELL	USA				1:20.45	ROB HANOU	NED			
1:06.40	ERIC HENDERSON	GBR				1:20.71	PETER KUNZE	FRG			
1:06.54	ROBIN KLEFFMAN	USA				1:21.02	M. MOLONEY	AUS			
1:07.13	LARRY CHASE	USA				1:21.33	DOUGLAS MARKUSIC	USA			
1:07.33	DICK W THOMAS	USA				1:21.84	RANIER OPITZ	FRG			
1:07.48	PAUL HERBERT	NED				1:21.90	HELMUT BEER	FRG			
1:07.49	JOHN CALVERT	USA				200	M. BRST				
200	M. FLY					2:53.97	M. MOLONEY	AUS			
2:25.54	J. COVACEVICH	AUS				2:55.42	JAMES PELISSIER	USA			
2:26.18	BOO GALLAS	USA				2:55.54	HELMUT BEER	FRG			
						2:57.98	WILLIAM MULLIKEN	USA			



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

1:02.82	BURT KANNER	USA	2:54.06	LEE BETTIS	USA	2:55.23	JEFF FARRELL	USA	23:00.83	BOB BEACH	USA
1:02.87	BOB BAILIE	USA	2:54.10	DRURY GALLAGHER	USA	400 M.	I. M.		23:15.20	FRED LEHMAN	USA
1:03.59	WILLIAM VAN HORN	USA	2:54.40	PETER BERGENGREN	SWE	5:41.58	DRURY GALLAGHER	USA	50 M.	BACK	
1:04.03	CHARLES RAVEN	USA	2:54.60	ARTHUR SMITH III	USA	6:09.20	NIC GEERS	NED	34.51	P. BENT	AUS
1:04.11	WILLIAM ROBERTSON	USA	50 M.	BRST		6:12.49	ROBERT PROEBSTING	USA	34.95	DONALD L BROWN	USA
1:04.13	K. WOOD	AUS	35.35	M. WITHERS	AUS	6:15.54	P. WERMELSKIRCHEN	FRG	35.17	B. BARRY	AUS
1:04.23	GEOFF STOKES	GBR	35.45	GUNTER SCHMAH	FRG	6:16.75	COLIN HARDY	GBR	36.20	HELMUT HAUGER	FRG
200 M.	FREE		35.54	FARAFONOV MIHAIL	USR	6:19.30	J. CRISP	AUS	36.30	HANS ANDERSSON	SWE
2:18.34	ROBERT PROEBSTING	USA	35.92	M. MOLONEY	AUS	6:19.76	MEL GOLDSTEIN	USA	36.51	JOHN GOODE	USA
2:19.41	PETER BERGENGREN	SWE	36.12	ROLAND SCHONHAAR	FRG	6:20.86	GUNTER BEILSTEIN	FRG	36.65	WERNER MULLER	FRG
2:20.13	GEOFF STOKES	GBR	36.14	RICHARD GOTZ	FRG	6:26.78	CARL WOOLLEY	USA	36.79	LLOYD I SKRAMSTAD	USA
2:20.39	BURT KANNER	USA	36.35	BERND WUNSCH	FRG	6:27.00	BILL STEUART	USA	37.24	DONALD READ	USA
2:21.42	WILLIAM VAN HORN	USA	36.44	WILLI FRANK	FRG				37.35	J. PURTELL	AUS
2:22.53	NIC GEERS	NED	36.54	DRURY GALLAGHER	USA				100 M.	BACK	
2:22.71	J. CRISP	AUS	36.55	TOM WALKER	GBR						
2:23.28	DAVID HARRISON	USA	100 M.	BRST					1:16.02	B. BARRY	AUS
2:24.43	JOHN SMITH	USA	1:18.67	DRURY GALLAGHER	USA				1:16.24	DONALD L BROWN	USA
2:25.00	J. MCDIARMID	AUS	1:20.11	ROLAND SCHONHAAR	FRG				1:19.53	HANS ANDERSSON	SWE
400 M.	FREE		1:20.69	M. MOLONEY	AUS				1:20.28	LARRY GOOD	USA
4:53.90	DRURY GALLAGHER	USA	1:20.86	RICHARD GOTZ	FRG				1:20.63	AL BEHRENDSEN	USA
5:00.06	BURT KANNER	USA	1:21.10	BERND WUNSCH	FRG				1:20.91	P. BENT	AUS
5:02.44	J. CRISP	AUS	1:21.35	M. WITHERS	AUS				1:21.57	JOHN GOODE	USA
5:05.66	WILLIAM VAN HORN	USA	1:21.41	GUNTER SCHMAH	FRG				1:22.41	RICHARD L BENNETT	USA
5:06.32	GEOFF STOKES	GBR	1:22.68	TOM WALKER	GBR				1:23.66	ROGER BURRELL	GBR
5:08.78	DAVID HARRISON	USA	1:23.09	P. WERMELSKIRCHEN	FRG				1:25.31	H. FUSSAN	FRG
5:09.45	NIC GEERS	NED	1:24.16	WILLI FRANK	FRG				200 M.	BACK	
5:10.96	J. MCDIARMID	AUS	200 M.	BRST					2:44.49	B. BARRY	AUS
5:19.92	DAVE COSTILL	USA	2:53.81	DRURY GALLAGHER	USA				2:44.59	DON BROWN	USA
5:20.84	WILLIAM ROBERTSON	USA	2:54.62	M. MOLONEY	AUS				2:56.19	LARRY GOOD	USA
800 M.	FREE		2:57.64	ROLAND SCHONHAAR	FRG				2:57.52	HANS ANDERSSON	SWE
10:13.47	DRURY GALLAGHER	USA	3:00.81	TOM WALKER	GBR				3:03.89	ROGER BURRELL	GBR
10:25.86	J. CRISP	AUS	3:00.84	H. JOACHIM TROGER	FRG				3:04.86	P. BENT	AUS
10:28.47	BURT KANNER	USA	3:01.07	P. WERMELSKIRCHEN	FRG				3:04.88	RICHARD L BENNETT	USA
10:43.30	DAVID HARRISON	USA	3:01.76	CYRUS HOPKINS	USA				3:05.41	JOHN GOODE	USA
10:43.97	WILLIAM VAN HORN	USA	3:02.27	GUNTER SCHMAH	FRG				3:08.67	FRITZ BOHME	FRG
10:51.81	NIC GEERS	NED	3:02.69	BERND WUNSCH	FRG				3:11.38	WERNER MULLER	FRG
10:58.76	HANS LINDSTROM	SWE	3:07.50	HANS REICHEL	FRG				50 M.	BRST	
11:04.66	BILL STEUART	USA	50 M.	FLY					34.71	MANUEL SANGUILY	USA
11:07.40	MEL GOLDSTEIN	USA	29.01	ROBERT PROEBSTING	USA				35.59	JOHN KORTHEUER	USA
11:17.71	KENT M PRICE	USA	30.08	JOHN SMITH	USA				35.75	WERNER MULLER	FRG
1500 M.	FREE		30.08	PETER BERGENGREN	SWE				36.59	BOB W. BEST	USA
20:30.37	DRURY GALLAGHER	USA	30.58	P. JACKSON	AUS				37.40	ALBERT BUCHHOLZ	FRG
20:34.30	WILLIAM VAN HORN	USA	30.63	BERT L PETERSEN	USA				37.51	BOB PATTEN	USA
20:56.87	ROGER BOSVELD	USA	30.85	BOB BAILIE	USA				37.78	LETZ RESOW	FRG
20:59.08	NIC GEERS	NED	31.38	DAVE COSTILL	USA				37.83	RUDI VAN ESS	FRG
21:05.96	HANS LINDSTROM	SWE	31.50	HELMUT RICHTER	FRG				38.27	WILLIAM K. DAVIS	USA
21:09.35	CARL WOOLLEY	USA	31.81	HORST BLEEKER	FRG				38.34	AARON KURTZMAN	USA
21:20.88	KENT M PRICE	USA	32.06	DRURY GALLAGHER	USA				100 M.	BRST	
21:25.40	ERNIE LESKOVITZ	USA	100 M.	FLY					1:19.04	MANUEL SANGUILY	USA
21:30.58	CHARLES RAVEN	USA	1:07.92	ROBERT PROEBSTING	USA				1:21.54	BOB PATTEN	USA
21:32.77	BURT KANNER	USA	1:09.17	BURT KANNER	USA				1:21.90	WERNER MULLER	FRG
50 M.	BACK		1:12.58	BERT L PETERSEN	USA				1:22.32	JOHN D KORTHEUER	USA
31.73	JOHN SMITH	USA	1:12.75	GEOFF STOKES	GBR				1:24.60	BOB W. BEST	USA
31.84	D. THIELE	AUS	1:12.83	P. JACKSON	AUS				1:25.01	LETZ RESOW	FRG
31.90	BARBIER LEONID	USR	1:13.81	DAVE COSTILL	USA				1:25.02	ANGELO ZARILLI	ITA
32.83	PETER BERGENGREN	SWE	1:15.40	GUNTER SCHMAH	FRG				1:26.51	RUDI VAN ESS	FRG
32.98	GRAHAM SYKES	GBR	1:15.68	ERNIE LESKOVITZ	USA				1:26.97	WILLIAM K. DAVIS	USA
34.33	BILL EARLEY	USA	1:15.79	DRURY GALLAGHER	USA				1:27.31	ALBERT BUCHHOLZ	FRG
34.88	JACK BEATTIE	USA	1:16.30	MEL GOLDSTEIN	USA				200 M.	BRST	
34.90	HELMUT RICHTER	FRG	200 M.	FLY					3:05.17	MANUEL SANGUILY	USA
35.18	BARR CLAYSON	USA	2:40.97	ROBERT PROEBSTING	USA				3:05.72	BOB PATTEN	USA
35.27	GERHARD REHFELD	FRG	2:51.26	GEOFF STOKES	GBR				3:06.19	JOHN D KORTHEUER	USA
100 M.	BACK		3:00.20	MEL GOLDSTEIN	USA				3:06.53	WERNER MULLER	FRG
1:11.70	D. THIELE	AUS	3:01.27	DRURY GALLAGHER	USA				3:11.08	LETZ RESOW	FRG
1:11.92	JOHN SMITH	USA	3:02.44	GERD DIECKVOB	FRG				3:11.75	ZASEDA IGOR	USR
1:12.82	BARBIER LEONID	USR	3:05.44	P. WERMELSKIRCHEN	FRG				3:12.42	ALBERT BUCHHOLZ	FRG
1:13.82	GRAHAM SYKES	GBR	3:06.35	TELFAIR MAHAFFY	USA				3:12.88	BOB W. BEST	USA
1:14.37	JACK BEATTIE	USA	3:07.90	BERT L PETERSEN	USA				3:13.75	BRUNELLO GRAJA	ITA
1:14.99	PETER BERGENGREN	SWE	3:09.22	WILLIAM TIMKEN	USA				3:15.55	NICHOLAS BERENYL	USA
1:17.42	ANTHONY WESTON	GBR	3:10.02	ARTHUR SMITH III	USA				50 M.	FLY	
1:17.51	ROBERT NORRIS	USA	200 M.	I. M.					31.91	JEAN-LOUIS LEDALL	GBR
1:19.11	BILL EARLEY	USA	2:34.67	DRURY GALLAGHER	USA				32.39	WALLY DOBLER	USA
1:19.48	BARR CLAYSON	USA	2:43.34	PETER BERGENGREN	SWE				32.47	BOB W. BEST	USA
200 M.	BACK		2:44.44	JOHN SMITH	USA				32.60	JOHN KORTHEUER	USA
2:44.25	BARBIER LEONID	USR	2:49.72	JACK BEATTIE	USA				32.62	WERNER MULLER	FRG
2:45.34	JACK BEATTIE	USA	2:52.15	ROBERT PROEBSTING	USA				33.38	P. BENT	AUS
2:47.61	GRAHAM SYKES	GBR	2:52.44	M. MOLONEY	AUS				33.50	HERB KERN	USA
2:49.97	COLIN HARDY	GBR	2:53.64	P. WERMELSKIRCHEN	FRG				33.71	CHARLES BALDWIN	USA
2:51.67	ROBERT NORRIS	USA	2:53.85	MEL GOLDSTEIN	FRG				33.87	FRANK E. REYNOLDS	USA
2:52.74	NIC GEERS	NED	2:55.19	WILLIAM ROBERTSON	USA				33.96	C. LEBOURGEOIS	USA
									100 M.	FLY	





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

Table with 5 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers for various events in 1989.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

1:30.35	WALTER SCHOBER	FRG	4:11.77	BALINT PAPP	USA	14:46.84	H. BAILY	AUS	4:10.77	NORRIS FLUKE	USA
1:31.29	JOHN WOODS	USA	4:20.53	PAUL CRAGO	USA	14:59.05	STAN BOARDMAN	NZL	50 M.	FLY	
1:32.60	JACK MCCANN	USA	4:27.79	DOMINIK KOZA	FRG	15:05.31	NILS FERM	SWE	35.65	RAYMOND F TAFT	USA
1:33.36	K. VICKERY	AUS	200 M.	I.M.		15:05.50	GIOVANNI DE SILVA	ITA	37.00	BIRCH DAVIDSON	USA
1:33.60	J. JENKINS	AUS	3:07.09	IRVING KATZ	USA	1500 M.	FREE		41.30	H.PEAVY MOSELEY	USA
1:34.78	EARL WALTER	USA	3:20.98	DIETER KORTE	FRG	25:12.18	ALDO V DA ROSA	USA	41.37	GERHARD HEIN	FRG
200 M.	BACK		3:22.79	K. VICKERY	AUS	26:26.12	EDWARD R MORAN	USA	41.50	PAUL KRUP	USA
3:08.43	IRVING KATZ	USA	3:23.82	JOHN WOODS	USA	26:26.70	RICHARD GUIDO	USA	41.60	D. JEFFREY	AUS
3:08.93	JACK HALE	GBR	3:25.52	BOB MERRICK	USA	26:37.09	FRANK MURPHY	USA	42.48	C. TOMPKINS	AUS
3:16.97	THOMAS SUMMERS	GBR	3:26.03	JURGEN B. SCHMIDT	USA	27:04.52	EDWARD SHEA	USA	43.29	A.VANDE WEGHE	USA
3:17.65	GEORGE GANDSEY	USA	3:27.31	GERNOT FUNK	FRG	28:24.84	NILS FERM	SWE	44.13	WILLIAM JOHNSTON	USA
3:23.42	J. JENKINS	AUS	3:27.63	FORBES GENTLEMAN	GBR	28:54.75	GERHARD MITSCH	FRG	44.42	BRUNO KAYSER	FRG
3:23.73	JOHN M. WOODS	USA	3:27.85	FERDI PANKE	FRG	29:01.50	LUCIANO CANESSA	ITA	100 M.	FLY	
3:24.87	K. VICKERY	AUS	3:32.24	ROLF STOCKHAUSEN	FRG	29:36.57	JOHN D JOHNSTON	USA	1:35.98	RAYMOND F TAFT	USA
3:25.90	JACK W MC CANN	USA	400 M.	I.M.		29:39.90	R. DUNN	AUS	1:38.24	BIRCH DAVIDSON	USA
3:30.74	ROY LAGALY	USA	6:56.57	IRVING KATZ	USA	50 M.	BACK		1:38.49	PAUL KRUP	USA
3:31.55	CHARLES JOHNSON	USA	7:11.49	EDWARD RUDLOFF	USA	37.49	RAY TAFT	USA	1:41.67	BRUNO KAYSER	FRG
50 M.	BRST		7:18.43	K. VICKERY	AUS	40.07	BEANS YAMAMOTO	USA	1:41.85	ALDO V DA ROSA	USA
40.21	ROLF STOCKHAUSEN	FRG	7:35.95	FERDI PANKE	FRG	40.71	ALBERT VANDEWEGHE	USA	1:43.47	H.PEAVY MOSELEY	USA
40.62	BARTON GREENBERG	USA	7:45.67	DAN MILES	USA	41.99	GERD HOTZ	FRG	1:47.01	GEORGE RAFTER	USA
41.98	DIETER KORTE	FRG	7:47.98	BOB MERRICK	USA	42.23	EDWARD JOHNSON	USA	1:52.72	GERHARD MITSCH	FRG
42.71	TOM DOWELL	USA	8:00.74	EARL WALTER	USA	42.59	GERHARD HEIN	FRG	1:56.15	WILLIAM JOHNSTON	USA
43.25	HERBERT BUNGEROTH	FRG	8:02.32	BALINT PAPP	USA	42.68	KURT JANITZKI	FRG	1:56.20	DON MCCULLOUGH	USA
43.35	MARTIN MANGER	USA	8:06.15	DOMINIK KOZA	FRG	43.01	WALTER MINNICH	FRG	200 M.	FLY	
43.44	B.ANDERSSON	SWE	8:06.39	WILLIAM STADIG	USA	43.11	WILLI WINDEL	FRG	3:52.14	ALDO V DA ROSA	USA
43.69	GERHARD DEGEN	FRG				43.34	OTTO CLAUS	FRG	3:52.54	PAUL KRUP	USA
43.86	ROBERT A MORRISON	USA	*****			100 M.	BACK		3:54.41	BIRCH DAVIDSON	USA
43.91	SIEGFRIED PANKOW	FRG		M E N 70-74		1:25.35	RAY TAFT	USA	3:59.65	H.PEAVY MOSELEY	USA
100 M.	BRST		*****			1:33.94	WILLI WINDEL	FRG	4:11.03	DON MCCULLOUGH	USA
1:32.33	DIETER KORTE	FRG	50 M.	FREE		1:35.15	ALBERT VANDEWEGHE	USA	4:12.23	GERHARD MITSCH	FRG
1:35.26	SIEGFRIED PANKOW	FRG	32.61	D. JOY	AUS	1:35.58	BRUNO KAYSER	FRG	4:20.29	RICHARD GUIDO	USA
1:35.68	BARTON GREENBERG	USA	33.47	HARRY RAWSTROM	USA	1:37.47	BEANS YAMAMOTO	USA	4:29.70	JOHN D. JOHNSTON	USA
1:38.45	BOB MERRICK	USA	33.47	KURT JANITZKI	FRG	1:39.54	BRION WINSHIP	USA	4:40.47	LOU ANTONELLIS	USA
1:38.68	HERBERT BUNGEROTH	FRG	33.60	WILLIAM JOHNSTON	USA	1:39.97	OTTO CLAUS	FRG	4:47.48	CLIFF CROOME	USA
1:38.98	WILLIAM SIMPSON	USA	33.66	HELMUT BOTTCHE	FRG	1:40.60	NORRIS FLUKE	USA	200 M.	I.M.	
1:39.58	EDWARD RUDLOFF	USA	33.94	ALBERT VANDEWEGHE	USA	1:41.25	EDWARD JOHNSON	USA	3:11.42	RAY TAFT	USA
1:40.38	NORMAN GARSOE	USA	34.21	BEANS YAMAMOTO	USA	1:43.21	EDWARD R MORAN	USA	3:21.91	BIRCH DAVIDSON	USA
1:41.11	GERHARD DEGEN	FRG	34.59	BARNETT PHILLIPS	USA	200 M.	BACK		3:31.89	BRUNO KAYSER	FRG
1:41.84	B. MCCABE	AUS	34.61	HEINZ ARENDT	FRG	3:13.25	RAY TAFT	USA	3:34.76	ALBERT VANDEWEGHE	USA
200 M.	BRST		34.82	GERHARD HEIN	FRG	3:26.45	ALBERT VANDEWEGHE	USA	3:36.69	HEINZ ARENDT	FRG
3:26.18	ROBERT PFERSDORF	FRG	100 M.	FREE		3:29.27	WILLI WINDEL	FRG	3:41.61	WILLI WINDEL	FRG
3:29.06	BARTON GREENBERG	USA	1:13.78	RAYMOND F TAFT	USA	3:33.36	ALDO V DA ROSA	USA	3:42.18	H.PEAVY MOSELEY	USA
3:30.55	GERNOT FUNK	FRG	1:18.74	BILL ODMAN	USA	3:35.01	NILS FERM	SWE	3:47.51	NORRIS FLUKE	USA
3:33.56	SIEGFRIED PANKOW	FRG	1:19.10	G. WILLIAMS	AUS	3:35.56	BRUNO KAYSER	FRG	3:52.17	TOM LIND	USA
3:38.23	BOB MERRICK	USA	1:20.24	D. JOY	AUS	3:37.13	NORRIS FLUKE	USA	3:52.92	GEORGE RAFTER	USA
3:40.24	HERBERT BUNGEROTH	FRG	1:21.00	LYNN SURLS	USA	3:39.97	EDWARD R MORAN	USA	400 M.	I.M.	
3:42.03	GERHARD DEGEN	FRG	1:21.00	HARRY RAWSTROM	USA	3:42.46	BRION WINSHIP	USA	6:59.24	RAY TAFT	USA
3:42.06	NORMAN GARSOE	USA	1:21.05	HEINZ ARENDT	FRG	3:52.90	BRYNOR LEWIS	GBR	7:12.02	BIRCH DAVIDSON	USA
3:43.80	WILLIAM SIMPSON	USA	1:21.32	BARNETT PHILLIPS	USA	50 M.	BRST		7:15.87	ALDO V DA ROSA	USA
3:43.85	EDWARD RUDLOFF	USA	1:21.50	BEANS YAMAMOTO	USA	41.52	WALTER MUNNICH	FRG	7:42.06	BRUNO KAYSER	FRG
50 M.	FLY		1:21.59	OBEL JAMES	USA	42.67	PAUL KRUP	USA	7:54.64	DON MCCULLOUGH	USA
35.16	JACK HALE	GBR	200 M.	FREE		42.70	ALDO V DA ROSA	USA	8:03.62	NORRIS FLUKE	USA
35.68	BRUCE W. SUMNER	USA	2:49.26	RAYMOND F TAFT	USA	43.28	TOM LIND	USA	8:29.44	HARWELL MOSELEY	USA
36.29	JURGEN B. SCHMIDT	USA	2:53.40	BIRCH DAVIDSON	USA	45.16	JERRY EVERALL	USA	8:33.41	RICHARD GUIDO	USA
36.41	DIETER KORTE	FRG	2:57.37	BILL ODMAN	USA	46.22	DON MCCULLOUGH	USA	8:36.15	JOHN D. JOHNSTON	USA
36.79	ROBERT PFERSDORF	FRG	3:05.26	HEINZ ARENDT	FRG	46.62	WILLI WINDEL	FRG	8:44.11	NELSON OTIS	USA
37.23	HERB MCAULEY	USA	3:05.80	G. WILLIAMS	AUS	46.70	MIKE OFFNER	USA			
37.94	FERDI PANKE	FRG	3:06.56	EDWARD SHEA	USA	46.93	RUSS WITTE	USA	*****		
38.13	HUGH RICHARDS	USA	3:07.48	EDWARD R MORAN	USA	47.51	CLIFF CROOME	USA		M E N 75-79	
38.16	ROGERS HOLMES	USA	3:08.10	RICHARD GUIDO	USA	100 M.	BRST		*****		
38.86	B.ANDERSSON	SWE	3:09.22	FRANK MURPHY	USA	1:33.99	WALTER MUNNICH	FRG	50 M.	FREE	
100 M.	FLY		3:09.46	BRUNO KAYSER	FRG	1:35.08	ALDO V DA ROSA	USA	33.07	WODDY BOWERSOCK	USA
1:25.56	IRVING KATZ	USA	400 M.	FREE		1:40.25	PAUL KRUP	USA	36.25	DEXTER WOODFORD	USA
1:28.18	DIETER KORTE	FRG	6:04.62	RAY TAFT	USA	1:43.93	RUSS WITTE	USA	36.62	BERT KASSELL	USA
1:30.11	ROBERT PFERSDORF	FRG	6:32.66	ALDO DA ROSA	USA	1:44.02	WILLI WINDEL	FRG	36.72	WILLIAM GRANT	USA
1:32.68	B.ANDERSSON	SWE	6:37.33	BILL ODMAN	USA	1:44.12	DON MCCULLOUGH	USA	36.80	EDUARD EINEN	FRG
1:33.46	FERDI PANKE	FRG	6:37.47	EDWARD SHEA	USA	1:46.02	JERRY EVERALL	USA	37.06	R.REINSTADTLER	FRG
1:41.71	EARL WALTER	USA	6:39.79	NORRIS FLUKE	USA	1:46.07	TOM LIND	USA	37.54	WALTER STEEB	FRG
1:42.59	BOB MERRICK	USA	6:41.82	FRANK MURPHY	USA	1:50.26	MIKE OFFNER	USA	38.24	J. HARVIE	AUS
1:44.09	DOMINIK KOZA	FRG	6:42.44	RICHARD GUIDO	USA	1:55.11	ERNST GILDE	FRG	38.52	GENE CROSSETT	USA
1:44.43	ARTHUR KOBLISH	USA	6:46.20	BRUNO KAYSER	FRG	200 M.	BRST		38.98	CARL LINDSTRAND	USA
1:44.74	GERHARD DEGEN	FRG	6:47.36	H. BAILY	AUS	3:34.88	ALDO V DA ROSA	USA	100 M.	FREE	
200 M.	FLY		6:50.68	H.PEAVY MOSELEY	USA	3:36.02	AUGUSTO ROMANO	ITA	1:21.64	WODDY BOWERSOCK	USA
3:30.59	FERDI PANKE	FRG	800 M.	FREE		3:37.36	WALTER MUNNICH	FRG	1:21.73	DEXTER WOODFORD	USA
3:39.93	IRVING KATZ	USA	12:44.54	EDWARD R MORAN	USA	3:46.96	PAUL KRUP	USA	1:27.96	WESLEY WEBB	USA
3:41.51	EDWARD RUDLOFF	USA	12:56.32	RAYMOND F TAFT	USA	3:47.92	DON MCCULLOUGH	USA	1:29.65	BERT KASSELL	USA
3:57.21	WILLIAM STADIG	USA	12:59.03	ALDO V DA ROSA	USA	3:54.73	TOM LIND	USA	1:29.99	WALTER STEEB	FRG
3:59.26	B. MCCABE	AUS	13:37.54	EDWARD SHEA	USA	3:56.15	JERRY EVERALL	USA	1:30.18	WILLIAM GRANT	USA
4:02.54	EARL WALTER	USA	13:41.37	BILL ODMAN	USA	4:00.57	MIKE OFFNER	USA	1:30.20	R.REINSTADTLER	FRG
4:08.55	M. KEVI	AUS	14:04.31	NORRIS FLUKE	USA	4:10.17	CLIFF CROOME	USA	1:31.05	HEINZ SIEGEL	FRG



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

M E N 80-84											
1:31.53	GENE CROSSETT	USA	43.61	BENNETT ALLEN	USA	5:45.92	ABE OLANOFF	USA			
1:31.54	DAVID MCAFFEE	USA	45.52	ADOLF LONTZ	FRG	50 M. BRST	52.38	REINHOLD ZOEGE	FRG		
	200 M. FREE		46.06	HEINZ MIER	FRG		52.43	HERMANN DEUTZMANN	FRG		
3:09.29	DEXTER WOODFORD	USA	46.70	KARL WITTENBERG	FRG	38.47	F. GRIFFITHS	AUS			
3:20.02	WODDY BOWERSOCK	USA	47.52	C. ALFRED SCHERER	FRG	39.37	DAVID MCAFFEE	USA	54.96	JIM PENFIELD	
3:30.00	WESLEY WEBB	USA	48.67	JACK MATTINGLY	USA	40.13	REINHOLD ZOEGE	FRG	57.85	WILLIAM SHARE	
3:31.43	EDUARD EINEN	FRG	50.95	WALTER STEEB	FRG	40.74	JIM PENFIELD	USA	1:00.00	LUIGI DAVOGLIO	
3:31.92	DAVID MCAFFEE	USA	51.01	GEORGE POLLOCK	USA	42.75	C. JARDINE	AUS	1:03.58	CZESLAW KOZLOWSKI	
3:32.57	HEINZ SIEGEL	FRG	51.40	ENZO LOMBARDI	ITA	43.11	ROBERT NELSON	USA	1:06.29	ABE OLANOFF	
3:33.75	WALTER STEEB	FRG	51.97	BILL SHOTT	USA	44.10	R. WILLIAMS	AUS	1:07.31	HERB EISENSCHMIDT	
3:35.51	WALTER SOMPAYRAC	USA	100 M. BRST			44.56	LEE STARR	USA	1:07.56	BILL STINSON	
3:36.69	HANNE SCHWARZ	FRG	1:43.28	BENNETT ALLEN	USA	44.94	FRANK SCHNEIDER	USA	1:09.08	J. WALKER	
3:37.25	FRITZ POPPEL	FRG	1:48.19	C. ALFRED SCHERER	FRG	45.85	RUDI SCHUBERT	FRG	100 M. BRST		
	400 M. FREE		1:50.81	ADOLF LONTZ	FRG	100 M. FREE			2:10.40	HERMANN DEUTZMANN	
6:36.22	DEXTER WOODFORD	USA	1:55.90	KARL WITTENBERG	FRG	1:29.22	F. GRIFFITHS	AUS	2:12.62	JIM PENFIELD	
7:20.10	WODDY BOWERSOCK	USA	1:55.91	HEINZ MIER	FRG	1:31.76	DAVID MCAFFEE	USA	2:18.88	WILLIAM SHARE	
7:21.39	GENE CROSSETT	USA	1:56.10	HAROLD PERRY	USA	1:38.54	REINHOLD ZOEGE	FRG	2:29.14	SAMUEL BERNSTEIN	
7:32.38	HEINZ SIEGEL	FRG	1:57.12	JACK MATTINGLY	USA	1:40.62	JIM PENFIELD	USA	2:31.19	ABE OLANOFF	
7:41.02	DAVID MCAFFEE	USA	1:58.90	WALTER STEEB	FRG	1:43.59	LEE STARR	USA	2:47.01	ALFRED GUTH	
7:54.12	KARL WITTENBERG	FRG	2:01.05	DEXTER WOODFORD	USA	1:44.46	ROBERT NELSON	USA	2:51.89	J. WALKER	
7:58.46	HAMILTON ANDERSON	USA	2:04.96	EDWARD FULMER	USA	1:45.91	JARING TIMMERMAN	USA	200 M. BRST		
8:05.73	JERRY DONOVAN	USA	200 M. BRST			1:47.00	C. JARDINE	AUS	4:58.86	REINHOLD ZOEGE	
8:14.29	WERNER ZIPPERLING	FRG	4:12.39	JACK MATTINGLY	USA	1:48.24	FRANK SCHNEIDER	USA	5:55.51	ALFRED GUTH	
8:16.77	DAVID MALBROUGH	USA	4:17.16	DEXTER WOODFORD	USA	1:49.77	R. WILLIAMS	AUS	6:23.78	J. WALKER	
	800 M. FREE		4:18.20	ADOLF LONTZ	FRG	200 M. FREE			50 M. FLY		
13:38.76	DEXTER WOODFORD	USA	4:28.12	WALTER STEEB	FRG	3:35.67	DAVID MCAFFEE	USA	51.61	REINHOLD ZOEGE	
16:05.43	WOODY BOWERSOCK	USA	4:28.74	EDWARD P. FULMER	USA	3:51.33	JARING TIMMERMAN	USA	55.41	JIM PENFIELD	
16:10.83	DAVID MCAFFEE	USA	4:29.39	HAROLD PERRY	USA	4:04.59	HERB EISENSCHMIDT	USA	1:03.78	F. GRIFFITHS	
16:12.67	WALTER SOMPAYRAC	USA	4:35.41	ENZO LOMBARDI	ITA	4:07.41	JIM PENFIELD	USA	1:04.59	BILL STINSON	
16:46.67	DAVID MALBROUGH	USA	4:52.31	BILL FITE	USA	4:08.64	ROBERT NELSON	USA	1:18.94	ABE OLANOFF	
17:03.40	HAMILTON ANDERSON	USA	4:54.61	GEORGE POLLOCK	USA	4:21.07	LEONARD A. CHAPIN	USA	100 M. FLY		
17:26.71	G. MCGILVRAY	AUS	4:55.02	JERRY DONOVAN	USA	4:25.49	RUDI SCHUBERT	FRG	2:21.97	F. GRIFFITHS	
17:33.31	R. JEFFREY	AUS	50 M. FLY			4:26.08	JOHN NEWTON	USA	10:41.85	JOE KAUFMAN	
18:51.84	JESSE COON	USA	43.96	WILLIAM GRANT	USA	4:31.43	R. WILLIAMS	AUS	200 M. FLY		
18:57.38	CARL THORNBURG	USA	46.57	ADOLF LONTZ	FRG	4:31.84	C. JARDINE	AUS	5:14.40	F. GRIFFITHS	
	1500 M. FREE		51.05	JESSE COON	USA	400 M. FREE			200 M. I.M.		
26:49.37	DEXTER WOODFORD	USA	51.46	WALTER STEEB	FRG	7:55.07	DAVID MCAFFEE	USA	4:20.72	F. GRIFFITHS	
30:03.86	JERRY DONOVAN	USA	51.81	WODDY BOWERSOCK	USA	8:30.07	HERB EISENSCHMIDT	USA	4:47.64	JIM PENFIELD	
30:17.75	DAVID MCAFFEE	USA	52.99	ART KAUFMAN	USA	9:03.88	HEINZ ACHILLES	FRG	5:10.89	BILL STINSON	
31:12.58	WOODY BOWERSOCK	USA	53.15	HEINZ SIEGEL	FRG	9:27.85	RUDI SCHUBERT	FRG	5:56.19	ALFRED GUTH	
31:34.02	HEINZ SIEGEL	FRG	53.21	BILL SHOTT	USA	9:29.23	JOHN NEWTON	USA	400 M. I.M.		
32:08.89	WERNER ZIPPERLING	FRG	54.92	BILL FITE	USA	9:38.73	ABE OLANOFF	USA	9:47.72	F. GRIFFITHS	
33:31.43	FRED B. WALBOLT	USA	56.17	JOHN M. BURNSIDE	USA	10:00.37	R. WILLIAMS	AUS			
34:36.98	JOHN L MORRISON	USA	100 M. FLY			10:41.85	JOE KAUFMAN	USA			
34:48.30	DOC SCHOFIELD	USA	1:55.46	ADOLF LONTZ	FRG	800 M. FREE					
34:53.53	JAMES MITCHELL	USA	1:59.45	WILLIAM GRANT	USA	16:26.24	DAVID MCAFFEE	USA			
	50 M. BACK		2:11.58	JESSE COON	USA	21:08.01	JOHN NEWTON	USA			
	43.57	WESLEY WEBB	USA	2:12.26	BILL FITE	USA	21:31.66	ROBERT E BURNS	USA	44.65	GUS LANGNER
	43.58	CARL SCHERER	FRG	2:16.34	CARL THORNBURG	USA	22:28.65	R. WILLIAMS	AUS	49.42	REGINALD HARRISON
	44.05	HANNE SCHWARZ	FRG	2:48.19	ART KAUFMAN	USA	24:02.57	ALFRED GUTH	USA	50.57	L. SPARRIUS
	44.24	R. REINSTADTLER	FRG	4:04.06	HENRY STEINBISS	USA	27:28.09	HARRY HOTINE	USA	53.30	JOHN ROBINSON
	45.53	WODDY BOWERSOCK	USA	8:48.70	JOHN L MORRISON	USA	1500 M. FREE			53.45	MANLIO COSTOCI
	45.79	DAVID MALBROUGH	USA	200 M. FLY		34:52.55	HEINZ ACHILLES	FRG	1:00.08	JOSEPH M. EARLEY	
	48.00	CHARLES SALIE	USA	5:07.15	JESSE COON	USA	37:03.27	LEONARD A. CHAPIN	USA	1:04.56	VICTOR F SAGUES
	48.30	ADOLF LONTZ	FRG	5:13.01	BILL FITE	USA	50:44.50	ALFRED GUTH	USA	1:06.60	EMIL KUPPINGER
	48.69	WILLIAM GRANT	USA	5:34.25	CARL THORNBURG	USA	50 M. BACK			1:28.03	TONY LOPEZ
	48.75	ALLAN SACHS	USA	200 M. I.M.		50.50	JIM PENFIELD	USA	100 M. FREE		
	100 M. BACK		4:07.68	WODDY BOWERSOCK	USA	51.29	LEE STARR	USA	1:44.04	GUS LANGNER	
	1:38.53	C. ALFRED SCHERER	FRG	4:12.77	R. REINSTADTLER	FRG	54.90	RUDI SCHUBERT	FRG	1:55.19	REGINALD HARRISON
	1:38.95	R. REINSTADTLER	FRG	4:17.45	WILLIAM GRANT	USA	56.84	HERB EISENSCHMIDT	USA	2:11.69	MANLIO COSTOCI
	1:39.68	HANNE SCHWARZ	FRG	4:18.70	HEINZ SIEGEL	FRG	57.12	HERMANN DEUTZMANN	FRG	2:13.53	JOHN ROBINSON
	1:45.06	WESLEY WEBB	USA	4:21.65	BILL FITE	USA	1:00.69	C. JARDINE	AUS	2:20.42	JOSEPH M. EARLEY
	1:46.38	WODDY BOWERSOCK	USA	4:21.97	DEXTER WOODFORD	USA	1:02.92	ROBERT NELSON	USA	2:31.96	VICTOR F SAGUES
	1:51.08	DAVID MALBROUGH	USA	4:28.99	JESSE COON	USA	1:03.00	PETER JURCZYK	USA	200 M. FREE	
	1:51.29	CHARLES SALIE	USA	4:36.82	JERRY DONOVAN	USA	1:03.44	WILLIAM SHARE	USA	3:48.91	GUS LANGNER
	1:54.28	BOB TAYLOR	GBR	4:47.10	BILL SHOTT	USA	1:04.59	J. ROGERS	AUS	6:12.43	VICTOR F SAGUES
	1:54.35	WILLIAM GRANT	USA	4:51.88	CHARLES SALIE	USA	100 M. BACK			400 M. FREE	
	1:56.84	SYD C HENDY	USA	400 M. I.M.		2:03.11	HERB EISENSCHMIDT	USA	8:13.77	GUS LANGNER	
	200 M. BACK		9:25.49	R. REINSTADTLER	FRG	2:03.21	LEE STARR	USA	800 M. FREE		
	3:41.42	R. REINSTADTLER	FRG	9:37.86	BILL FITE	USA	2:22.22	WILLIAM SHARE	USA	23:08.98	AL KALLUNKI
	4:01.18	BOB TAYLOR	GBR	9:41.34	HEINZ SIEGEL	FRG	2:27.96	DON NEEFE	USA	1500 M. FREE	
	4:02.99	WODDY BOWERSOCK	USA	9:44.40	JERRY DONOVAN	USA	2:33.11	ABE OLANOFF	USA	33:08.42	GUS LANGNER
	4:09.11	CHARLES SALIE	USA	9:55.86	CARL THORNBURG	USA	2:34.55	JOE KAUFMAN	USA	50 M. BACK	
	4:10.13	WALTER SOMPAYRAC	USA	9:56.45	JESSE COON	USA	2:58.90	WALTER KEMP	USA	59.27	REGINALD HARRISON
	4:11.08	DAVID MALBROUGH	USA	10:30.30	WOODY BOWERSOCK	USA	200 M. BACK			1:09.05	AL KALLUNKI
	4:16.58	SYD C HENDY	USA	11:01.12	HAMILTON ANDERSON	USA	4:33.82	HERB EISENSCHMIDT	USA	1:09.25	L. SPARRIUS
	4:22.26	CARL THORNBURG	USA	11:31.87	R. JEFFREY	AUS	4:42.45	LEE STARR	USA	1:10.96	GUS LANGNER
	4:23.58	JACK HOEY	USA	13:38.94	HARRY STEINBISS	USA	4:50.27	F. GRIFFITHS	AUS	1:19.46	EMIL KUPPINGER
	4:24.93	WERNER ZIPPERLING	FRG			5:26.23	DON NEEFE	USA	1:40.52	TONY LOPEZ	
	50 M. BRST					5:37.20	JOE KAUFMAN	USA	1:41.88	VICTOR F SAGUES	





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

100 M. BACK	PETRA TUCHEN	LAKESIDE MASTER USA	2:25.47	RELAYS: WOMEN 200 M. MEDLEY
2:18.74 REGINALD HARRISON USA	PETRA HAAS	MELINDA SCHMITT		*****
2:39.92 GUS LANGNER USA	CITY COVENTRY GBR	CAROL FERGUSON		AGE 100-119
2:40.74 JOSEPH M. EARLEY USA		MARY ANN STONE		CAMDEN SWISS GBR
2:44.38 AL KALLUNKI USA	MOTHERWELL GBR	MARY JANE MULLINS		2:11.91
3:44.06 TONY LOPEZ USA		NORTH LODGE AUS	2:26.44	LAKE USA
3:44.69 VICTOR F SAGUES USA	LANE 6 NZL			MARY CHRIS CURL
200 M. BACK	TAMMY RESTALL	NORTH SYDNEY AUS	2:31.64	GINA GATTI
6:39.77 GUS LANGNER USA	JAN BONE	DONCASTER D. AUS	2:34.89	PAMELA H MARTIN
7:12.73 VICTOR F SAGUES USA	GILLIAM SMETH			MELINDA L SCHMITT
8:10.03 TONY LOPEZ USA	MELANIE JONES	SDSM USA	2:35.12	BREMISCHER FRG
50 M. BRST		BETSY JORDAN		KIRSTEN TOBELMANN
1:01.47 AL KALLUNKI USA	AGE 120-159	ROBERTA TURCOTTE		PETRA VOLKEL
1:07.92 GUS LANGNER USA	CLAREMONT AUS	ADRIENNE S. PIPES		SABINE BLOCH
1:11.02 REGINALD HARRISON USA		BARBARA G. DUNBAR		JUTTA GODJE
1:30.15 EMIL KUPPINGER FRG	NORTH SYDNEY AUS	POWERPOINTS AUS	2:37.81	DSG JAN WELLEM FRG
2:41.93 TONY LOPEZ USA		TAMALPAIS USA	2:42.51	BARBIE TIMMER
100 M. BRST	MIAMI MASTERS AUS	CHARLOTTE JENKINS		ELKE TUBBESING
2:25.85 AL KALLUNKI USA		LAVERNE ADAMS		STEFFI ZIMMER
2:37.67 GUS LANGNER USA	BRISBANE S. AUS	C. CUNNINGHAM		BRIGITTE NEUHOFF
2:41.43 REGINALD HARRISON USA		NANCY RIDOUT		SC DUSSELDORF FRG
200 M. BRST	WALNUT CREEK USA	MINNESOTA MASTE USA	2:43.17	UTA GROBPIETSCH
5:35.03 AL KALLUNKI USA	CHARLENE O'BRIEN	JAMIE DAVIDSON		IRIS KLEIN
50 M. FLY	DEBBIE FLANSBURG	KATHIE THEIS		DAGMAR GRABOWSKI
1:14.96 AL KALLUNKI USA	KATHY COOLEY	BARB NELSON		ANGELIKA NIESWAND
	PAULA ROEMER	PHYLLIS STAIGE		CITY COVENTRY GBR
*****	SUNSHINE COAST AUS	CLAREMONT AUS	2:45.92	SG DELPHIN 03 A FRG
M E N 90-94				ANNETTE REHBERGER
*****	MINNESOTA MASTE USA			GABI MORHART
50 M. FREE	VICTORIA SANDBERG			ROSI KRAUB
1:10.80 PAUL E. SPANGLER USA	K. LEIBBRAND	AGE 240-279		USCHI HOFFMANN
100 M. FREE	SARAH HROMADA	CRONULLA S. AUS	2:52.17	HULL GBR
2:41.17 PAUL SPANGLER USA	KATHRINE ERICKSON			2:27.15
200 M. FREE	DAKOTA MASTERS USA	RINCONADA USA	2:54.96	WALNUT CREEK USA
5:48.14 PAUL SPANGLER USA	DIANE ANDERSON	CINDY BAXTER		PAULA ROEMER
*****	DEBBIE HOFFNAGLE	SALLY SCHOLER		COLLEEN HAZLET
M E N 95-99	PAULA HAMP	PATSY WEISS		DEBBIE BARBER
*****	KAAREN HEARD	BOBBIE CALLISON		SUSAN NOLTE
50 M. FREE	SOMERSET AUS	POWERPOINTS AUS	2:58.89	LANE 6 NZL
1:20.52 TOM LANE USA	BARNET COPTHALL GBR			MELANIE JONES
50 M. BACK		OSBORNE PARK AUS	2:59.52	GILLIAM SMETH
1:16.30 TOM LANE USA		MANLY AUS	2:59.63	TAMMY RESTALL
50 M. BRST	AGE 160-199			JAN BONE
1:36.87 TOM LANE USA	DONCASTER D. AUS	NORTH LODGE AUS	3:04.67	AGE 120-159
*****	GREATER INDIANA USA	ETTALONG AUS	3:08.39	HLJ USA
RELAYS: WOMEN 200 M. FREE	ANNE HEALEY			HEATHER L. NIXON
*****	JOAN DIERCKS	SOMERSET AUS	3:09.95	GWEN R. CRESSMAN
AGE 100-119	MARGIE HEINEMAN			SUSAN R. WHITE
LAKE USA	MARYANN STEVENS	HESTON GBR	3:24.19	L. JOHNSON/GRAHAM
1:59.39	WARRINGAH AUS	MARION AUS	3:25.48	MINNESOTA MASTE USA
MARY CHRIS CURL				VICTORIA SANDBERG
GINA GATTI	COFFS HARBOUR AUS			KATHRINE ERICKSON
PAMELA H MARTIN		AGE 280-319		SARAH HROMADA
MELINDA L SCHMITT		WALNUT CREEK USA	3:19.23	ANN FINSETH
CAMDEN SWISS GBR		JEAN DURSTON		WALNUT CREEK USA
		SALLY JOY		CHARLENE O'BRIEN
BREMISCHER FRG		MARY JANE REEVES		KATHY COOLEY
2:03.01	EMPIRE ST MASTE USA	BETTY BARABASH		DEBBIE FLANSBURG
KIRSTEN TOBELMANN	JANE KATZ	D.C. MASTERS USA	3:41.50	KAREN JOSEPHSON
PETRA VOLKEL	J. MURPHY-SHERMAN	HEDY PULLMAN		CLAREMONT AUS
SABINE BLOCH	SUZANNE RAGUE	LORRAINE MURPHY		2:23.41
JUTTA GODJE	DALE STRICKLAND	BARBARA GLANCY		ROCKY CROCS AUS
SB DELPHIN 03 FRG	CLAREMONT AUS	NANCY CLARK		2:25.20
2:04.76	MANLY AUS	HLJ USA	3:47.89	MIAMI MASTERS AUS
ROSI KRAUB		GERTRUD J. ZINT		2:25.93
URSULA HOFFMANN		JUNE B. REYNOLDS		SUNSHINE COAST AUS
ANNETTE REHBERGER		RACHEL M. ERWIN		2:26.15
GABI MORHART		MILLIE L. HUPP		DIANE GRANER
SC DUSSELDORF FRG		SPM USA	4:03.92	HELEN GEOFFRION
2:07.16	SPM USA	MARIA R. VIJIL		KAREN SCHMAHL
UTA GROBPIETSCH	MARY E. BARKER	KAY M. SHIMPF		SHANNON SULLIVAN
DAGMAR GRABOWSKI	PAMELA J. GEIGER	CELIA C. BALLARD		SDSM USA
IRIS KLEIN	LYNN BROWNSTEIN	ELLEN B. WALBOLT		2:26.59
A. NIESWANDT	JAYNE LAMBKE	SOMERSET AUS	5:17.30	DAWN CARLSON
SG MAINZ FRG	AGE 200-239			BARBARA G. DUNBAR
2:07.89	D.C. MASTERS USA			BETH KNIGHT
DAGMAR LUTKEMEIER	JOANN LEILICH			BRISBANE S. AUS
RENATE LAUBACH	TANNA ANDERSON			2:26.77
VIATA OEHL	BARBARA ZAREMSKI			
S. LEINWEBER	JAYNE BRUNER			
SC HURTH FRG				
2:08.60				
INGE GUTSCHER				
ELKE WOLLENWEBER				



**FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989**

AGE 160-199		BOBBIE CALLISON		ROLAND ANKSCHLOT		JOHN LAWRENCE	
CLAREMONT	AUS	2:28.79	NAN BLACKLEDGE	NORTH LODGE	AUS	3:26.98	SANTA CRUZ USA 1:55.37
POWERPOINTS	AUS	2:30.17	SOMERSET	AUS	3:36.16	SC WIKING KIEL	FRG 1:45.52
GREATER INDIANA	USA	2:32.67	CRONULLA S.	AUS	3:39.27	ULLRICH KRUG	
ANNE HEALEY			OSBORNE PARK	AUS	3:45.13	WOLFGANG SCHULZE	
MARGIE HEINEMAN			CLAREMONT	AUS	3:54.02	UTZ HUSMANN	
MARYANN STEVENS			LAKESIDE	USA	3:55.34	GERD KRUGER	
JOAN DIERCKS			DOROTHY GILSDORF			AGE 200-239	
DONCASTER D.	AUS	2:33.97	MARY ANN STONE			THE OLYMPIC CLU	USA 1:51.56
VIRGINIA MASTER	USA	2:35.69	CAROL FERGUSON			PHILIP GAY	
LUCILLE GRIFFIN			JOYCE VOIT			WILLIAM VAN HORN	
BETSY DURRANT			SUNSHINE COAST	AUS	3:57.23	RICHARD BASSI	
NANCY MILLER			WALNUT CREEK	USA	3:57.46	CHARLES RAVEN	
KIM WISE			SALLY JOY			MINNESOTA MASTE	USA 1:56.88
SG NEUKOLIN	FRG	2:36.00	MARY JANE REEVES			PETE MAGEE	
PETRA HEWELCKE			JEAN DURSTON			RAYMOND HAKOMAKI	
RITA BINAER			BETTY BARABASH			JAMES PELISSIER	
HEIDI KAMPSCHULTE			HESTON	GBR	3:59.36	ROBERT DAVIDSON	
MARGA SCHULZE			AGE 280-319			CLAREMONT	AUS 2:02.50
COFFS HARBOUR	AUS	2:36.54	HLJ	USA	4:22.57	POWERPOINTS	AUS 2:03.53
EMPIRE ST MASTE	USA	2:37.52	MILLIE L. HUPP			LINCOLN MASTERS	USA 2:04.58
DALE STRICKLAND			GERTRUD J. ZINT			PAUL HUTINGER	
ANN JOHNSEN			JUNE B. REYNOLDS			LARRY GOOD	
J.MURPHY-SHERMAN			RACHEL M. ERWIN			RICHARD OLUFS	
SUZANNE RAGUE			ARIZONA MASTERS	USA	6:15.88	HOWARD BUNCH	
TOWNSVILLE	AUS	2:38.56	EVELYN SANDLIN			SOUTHERN CALIFO	USA 2:05.18
CONNECTICUT MAS	USA	2:40.10	JO LACY			GEORGE BRINTON	
NANCY PHILLIPS			ROSE STEWARD			RICK PHILLIPS	
MARGIT JEBE			EDNA LAFLIN			BOB MERRICK	
MAUREEN MORTELL			*****			MICHAEL HEATHER	
CHRISTIE SLIMAK			RELAYS: M E N 200 M. FREE			MIAMI MASTERS	AUS 2:05.91
AGE 200-239			*****			NORTH LODGE	AUS 2:06.51
LINCOLN MASTERS	USA	2:39.05	AGE 100-119			MECKLENBURG AC	USA 2:07.04
MARY POHLMANN			SG LUFRA	FRG	1:42.13	WILLIAM ROBERTSON	
BETTY BENNETT			HELMUT LISSEL			KIRK CANTERBURY	
IRENE DAVID			MARTIN JOCKERS			MILTON GEE	
LOUISE DONOVAN			PETER LANG			BERNARD WHITE	
D.C. MASTERS	USA	2:40.34	FRANK WITTMANN			SAN DIEGO SWIM	USA 2:07.42
DENISE BROWN			BREMISCHER S.	FRG	1:43.43	GORDON GILLIN	
JOANN LEILICH			PETER WIESE			KEN KIMBALL	
JAYNE BRUNER			N.CHWILKOWSKI			JOHN GOODE	
NANCY CLARK			FRANK DZIEIA			BILL EARLEY	
NORTH LODGE	AUS	2:51.31	HOLGER KLYSZCZ			AGE 240-279	
LAKESIDE MASTER	USA	2:51.55	SV NEPTUN EMDEN	FRG	1:43.55	WARRINGAH	AUS 2:00.08
MARY JANE MULLINS			JURGEN RAVELING			LOS ALTOS	USA 2:07.48
MARY ANN STONE			ALFRED LANGHEIM			JACK MCCANN	
MELINDA SCHMITT			RAIMUND ULITZKA			JAY CRADDOCK	
CAROL FERGUSON			STEFAN KRUG			JOHN RICHARDS	
MANLY	AUS	2:56.66	SG GLADBECK	FRG	1:43.93	DICK THOMAS	
WALNUT CREEK	USA	2:59.67	PETER KAUCH			NEW ENGLAND MAS	USA 2:10.12
BARBARA JORDAN			FRANK GOMOLL			TED HAARTZ	
ANNE PISCIOTTA			BURKHARD DINKLAGE			JAMES EDWARDS	
JOAN ALEXANDER			MICHAEL KRAUS			IRVING KATZ	
DONNA MONROE			SV WEIDEN	FRG	1:44.20	DONALD READ	
TAMALPAIS	USA	3:03.57	PETER DEHLING			BSLM	USA 2:13.04
LAVERNE ADAMS			MANFRED DANZL			DICK BREITENFELD	
CHARLOTTE JENKINS			PETER GANSERER			ED DUNLAVY	
NANCY RIDOUT			RAINER GOTZ			DOUGLAS SHOOK	
C.CUNNINGHAM			LAKE	USA	1:44.25	LARRY SHANNON	
DONCASTER D.	AUS	3:04.43	ROBERT PEARSON			OREG	USA 2:13.93
POWERPOINTS	AUS	3:05.29	DANIEL G CAREY			ERIC GP. GUEST	
NORTH SYDNEY	AUS	3:06.53	KIRK BUESE			D.VANROSSEN	
AGE 240-279			SAM BLYTHE			HUGH S RICHARDS	
RINCONADA	USA	3:10.05	MINNESOTA MASTE	USA	1:44.55	DONALD CAMERON	
PATSY WEISS			AVERY KINTNER			POWERPOINTS	AUS 2:14.48
CINDY BAXTER			ERIC NYQUIST			TWEED COOL.	AUS 2:14.54
			SCOTT MALM			MANLY	AUS 2:14.58
			MIKE HALPENNY			O*H*I*O MASTERS	USA 2:16.03
			NOTTINGHAM	GBR	1:44.66	DEXTER WOODFORD	
			SV SCHWABISCH	FRG	1:45.10	PAUL KRUP	
						JOHN DAILY	



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

RICHARD BAUSCHARD SC WFR WUPPERTA FRG 2:17.23	J.W. GARLOCK JOHN APKER CORK MASTERS GBR 2:00.98	WOLFGANG TEMKE MANFRED BROCK HARALD BESTIAN SPENCER GBR 2:08.52	OREG USA 2:33.30
HEINZ KEUNICKE FREDI PANKE ROLF STOCKHAUSEN DIETER KORTE	SV SCHWABISCH FRG 2:01.68	CLAREMONT AUS 2:09.42	EARL WALTER D. VANROSSEN ARTHUR C WELCH DONALD CAMERON WISCONSIN USA 2:35.42
AGE 280-319 ETTALONG AUS 2:20.53	GERHARD BUTTNER ROLAND AUCKSCHLAT ROLAND WENDEL HANS-PETER SICK MINNESOTA MASTE USA 2:01.93	LAKESIDE MASTER USA 2:09.60	ROBERT WHITE JOHN BAUMAN PERRY ROCKWELL LYNN SURLS SAN DIEGO SWIM USA 2:37.16
WARRINGAH AUS 2:26.45	MIKE HALPENNY AVERY KINTNER ERIC NYQUIST FRANK WOOD	WILLIAM TINGLEY JAMES GOODWIN ROBERT RUEFF JEFFREY KINNER POWERPOINTS AUS 2:10.48	KEN KIMBALL TOM DOWELL JOHN GOODE WILLIAM PHILLIPS SC WFR WUPPERTA FRG 2:37.52
MANLY AUS 2:27.22	AGE 120-159 MINNESOTA MASTE USA 1:55.04	WARRINGAH AUS 2:09.89	BRUNO KAYSER DIETER KORTE ROLF STOCKHAUSEN FERDI PANKE OREG USA 2:37.80
D.C. MASTERS USA 2:28.84	SCOTT MALM JEFFREY KENNEDY GEORGE BOWLIN JEFFREY LUKENS WARRINGAH AUS 1:56.55	THE OLYMPIC CLU USA 2:10.71	GILBERT N YOUNG ERIC GP. GUEST BERT L PETERSEN HUGH S RICHARDS
BERT KASSELL DAVID MCAFEE FRANK MURPHY SCROGGIE WILEY MINNESOTA MASTE USA 2:43.59	MICHIGAN MASTER USA 1:58.98	MINNESOTA MASTE USA 2:11.34	AGE 280-319 ETTALONG AUS 2:58.78
FRANK SCHNEIDER GEORGE POLLOCK EDWARD JOHNSON BILL WARNER EMPIRE ST MASTE USA 2:45.42	DAN STEPHENSON STEVEN ROEDER GLENN COLE TOM MCPARLAN NORTH SYDNEY AUS 1:59.59	MARK LITMAN JAMES PELISSIER ROBIN KLEFFMAN EDWARD JOHNSON SPM USA 2:16.06	WALNUT CREEK USA 3:01.49
JAMES FORBES EDWIN MORTIMER JOHN KEEFE JR. RICHARD GUIDO RINCONADA USA 2:55.80	TEXAS SWIMMASTER USA 2:00.95	RAY BURNS JOHN P. MAGUIRE D. E. DEGROOT MECKLENBURG AC USA 2:17.12	BOB STRINGHAM HAL PERRY BILL JOHNSON ERNIE SMITH EMPIRE ST MASTE USA 3:07.33
GEORGE CONCANNON DAR WHEELER PAT KELLER ALDO DAROSA NORTH LODGE AUS 2:58.69	TEXAS B SWIMMAS USA 2:00.97	WILLIAM ROBERTSON MILTON GEE KIRK CANTERBURY BERNARD WHITE POWERPOINTS AUS 2:18.59	JOHN KEEFE JR. RICHARD GUIDO EDWIN MORTIMER JAMES FORBES HUNTER AUS 3:16.29
WALNUT CREEK USA 3:00.69	CHRIS WALKER STEVE DAILEY WENDELL SMITH P. FLATO UNI WAHOOS AUS 2:01.64	LINCOLN MASTERS USA 2:19.56	ED BLACKLEDGE DAR WHEELER ALDO DAROSA GARY OTT MANLY AUS 3:23.17
HAL PERRY BOB HALL BILL JOHNSON BOB STRINGHAM LINCOLN MASTERS USA 3:03.67	SG DAB HANSA DO FRG 2:02.95	GEORGE GANDSEY HOWARD BUNCH PAUL HUTINGER LARRY GOOD SAN DIEGO SWIM USA 2:22.83	RINCONADA USA 3:17.20
GEORGE GANDSEY JOHN NEWTON JERRY DONOVAN EDWARD SHEA	BERND SYBERG GERHARD KLOTZ HANS PETER BELLEN JURGEN KONNEKER POWERPOINTS AUS 2:03.75	BILL EARLEY LLOYD SKRAMSTAD JOHN GOODE KEN KIMBALL RINCONADA USA 2:25.72	DAVID MCAFEE SCROGGIE WILEY FRANK MURPHY BERT KASSELL LBM USA 3:26.25
***** RELAYS: M E N 200 M. MEDLEY *****	LAKESIDE USA 2:04.65	WILLIAM TINGLEY JAMES GOODWIN MICHAEL HIGGS ROBERT PEARSON	D.C. MASTERS USA 3:25.02
AGE 100-119 NOTTINGHAM GBR 1:54.84	WILLIAM TINGLEY JAMES GOODWIN MICHAEL HIGGS ROBERT PEARSON	DICK BENNETT BEN WISCOL JIM SHAW DEL TYCER SG REMSCHEID FRG 2:26.78	BRION WINSHIP NORMAN FITZGERALD WOODY BOWERSOCK EMILE W. ACHEE LINCOLN MASTERS USA 3:26.90
BREMISCHER FRG 1:56.59	AGE 160-199 MINNESOTA MASTE USA 2:05.08	MICHAEL FREILER WILLI BECKER RUDI VAN ESS HORST DLUGI	JERRY DONOVAN RICHARD OLUF'S BOB MORSE EDWARD SHEA CLAREMONT AUS 3:32.10
PETER WIESE PETER HOFFT FRANK DZIEIA HOLGEL KLYSZCZ TSV SOLINGEN FRG 1:56.86	STEVEN NELSON ROBERT DAVIDSON LARRY NYMAN PETE MAGEE UNI WAHOOS AUS 2:05.82	AGE 240-279 WARRINGAH AUS 2:22.50	***** RELAYS: MIXED 200 M. FREE *****
MICHAEL VOBNAKKE MICHAEL PILZ SVEN DAHL R.STULLENBERG SV WEIDEN FRG 1:58.54	FOXCATCHER MAST USA 2:06.10	LOS ALTOS USA 2:27.60	AGE 100-119 LAKESIDE USA 1:50.20
PETER GANSERER PETER DEHLING MANFRED DANZL RAINER GORZ SC WIKING KIEL FRG 1:59.49	BRADFORD GLENN ELAM HITCHNER CRAIG STEVENS DAVID HARRISON DAKOTA MASTERS USA 2:07.53	JACK MCCANN JOHN RICHARDS DICK THOMAS JAY CRADDOCK NEW ENGLAND MAS USA 2:29.60	MIKE HIGGS GINA GATTI MELINDA SCHMITT ROBERT PEARSON LANE 6 NZL 1:58.51
UTZ HUSMANN GERD KRUGER ULLRICH KRUG WOLFGANG SCHULZE SSG ALTENA FRG 1:59.52	MICHAEL MACLEAN JEFFREY THORNTON ALLAN WACHTEL GEORGE NOEL DAKOTA MASTERS USA 2:08.21	DONALD READ TED HAARTZ IRVING KATZ JAMES EDWARDS O*H*I*O MASTERS USA 2:30.71	TAMMY RESTALL JAN BONE DENE ROBINSON GEOFF WALKER
JENS STIEGERT ANDREAS GRUNBERG CHRISTIAN SCHOLZ HARTMUT SCHMIDT OMAHA MASTERS USA 2:00.81	PHILIP OMDAHL MICKEY OLSON KION HOFFMAN WILL GOSNOLD SG NEUKOLLN FRG 2:08.32	JOHN DAILY PAUL KRUP RICHARD BAUSCHARD DEXTER WOODFORD POWERPOINTS AUS 2:32.41	
JAMES BOEGMAN TODD SAMLAND	ADU HEWELCKE		





FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989

MINNESOTA MASTE USA	1:58.65	GREATER INDIANA USA	2:02.75	BALINT PAPP		OMAHA USA	2:29.44
WAYDE MULHERN		MARYANN STEVENS		DEBORAH WALKER		LORI CASSLING	
SARAH HROMADA		JOAN DIERCKS		WISCONSIN USA	2:29.94	JOHN APKER	
K.LEIBBRAND		MEL GOLDSTEIN		DOROTHY KANEHL		JAMES BOEGMAN	
AVERY KINTNER		ED JOHNSON		DORIS KLITZKE		ERIN SULLIVAN	
HOLMES USA	2:02.15	DC MASTERS A USA	2:04.98	ROBERT WHITE		LOUY USA	2:39.64
LOUY USA	2:07.36	ROBERT BENNETT		PERRY ROCKWELL		DEBORAH KLINE	
SCOTT BOYCE		LARRY HEWES		CRONULLA S. AUS	2:32.06	PAUL MURPHY	
MARY LYNN-MURPHY		ANN SVANSON		WARRINGAH AUS	2:34.23	SCOTT BOYCE	
PAM HAEBERLIN		ANITA CALLAHAN				PAM HAEBERLIN	
DAN KOCH		HILLS AUS	2:05.12				
OMAHA MASTERS USA	2:08.36	MANLY AUS	2:06.30	AGE 280-319		AGE 120-159	
JO ANN SANDMANN				D.C. MASTERS USA	2:36.83	ORLANDO USA	2:00.86
ERIN SULLIVAN				BERT KASSELL		TEXAS SWIMMASTER USA	2:01.03
JOHN APKER		AGE 200-239		NANCY CLARK		MEL NASH	
JAMES BOEGMAN		LINCOLN MASTERS USA	2:06.78	DAVID MCAFEE		L.WETZEL-OSBORNE	
LOUY USA	2:12.54	PAUL HUTINGER		JOANN LEILICH		LARRY WOOD	
PATRICK MICHAEL		IRENE DAVID		SAN MATEO MARLI USA	2:43.36	GAIL MEAKINS	
DEBORAH D KLINE		BETTY BENNETT		AUDREY ETIENNE		LAKESIDE MASTER USA	2:05.66
DEE DEE VINEYARD		LARRY GOOD		ZADA TAFT		WILLIAM TINGLEY	
TED LEE		NORTH LODGE AUS	2:10.41	RAY TAFT		JAMES GOODWIN	
SBAY USA	2:16.61	TAMALPAIS AQUAT USA	2:11.24	FRED TAIOLI		GINA GATTI	
JIM B. MCGINN		DORE SCHWAB JR.		MANLY AUS	2:51.00	MELINDA SCHMITT	
JENN. CONSTABLE		RUTH WINN		ETTALONG AUS	3:03.59	SOUTHERN CALIFO USA	2:07.24
DEDE G. MOORE		NANCY RIDOUT		NORTH LODGE AUS	3:03.99	CLAY EVANS	
LEE J. BERG		HUGH WINN		COOGEE RANDWICK AUS	3:04.31	PETER MCCLAFFERTY	
LAKE USA	2:20.79	D.C. MASTERS USA	2:11.55	CLAREMONT AUS	3:14.14	KAREN SCHMAHL	
CAROLINE DONNELLY		ARTHUR SMITH III				SHANNON SULLIVAN	
MARK DONNELLY		SCROGGIE WILEY				POWERPOINTS AUS	2:09.43
LESLIE S VOIT		DENISE BROWN				CLAREMONT AUS	2:10.53
DARRELL H POPE		JAYNE BRUNER					
AGE 120-159		ST. PETE MASTER USA	2:11.92	SOMERSET AUS	3:20.61	DAVIS MASTERS USA	2:10.63
TEXAS SWIMMASTER USA	1:50.28	JAYNE LAMBEKE		SPM USA	3:23.70	JOE SCHAFER	
L.WETZEL-OSBORNE		ARTHUR FRIEDLAND		JOHN D. JOHSTON		CAROL GLAZER	
LARRY WOOD		MARY BARKER		KAY M. SHIMPF		GRETCHEN HOENIG	
GAIL MEAKINS		HAROLD FERRIS		FRED B. WALBOLT		DOUG HUESTIS	
MEL NASH		WARRINGAH AUS	2:12.28	MARY E. BOAZ		MINNESOTA MASTE USA	2:12.03
ORLANDO USA	1:51.63	MIAMI MASTERS AUS	2:12.69	SUNSHINE COAST AUS	3:26.11	SCOTT MALM	
LOS ALTOS USA	1:52.28	SAN DIEGO SWIM USA	2:15.65	*****		KATHRINE ERICKSON	
LAURA VAL		JOHN GOODE		RELAYS: MIXED 200 M. MEDLEY		ERIC NYQUIST	
GARY DOYAS		SUSAN RITTENHOUSE		*****		K.LEIBBRAND	
TIM MAXIMOFF		BETSY JORDAN		AGE 100-119		OSBORNE PARK AUS	2:12.46
DARBY ELLENMAN		BILL EARLEY		LAKESIDE USA	2:08.55	MIAMI MASTERS AUS	2:13.03
LAKE USA	1:53.02	CLAREMONT AUS	2:17.14	MELINDA SCHMITT			
DANIEL G CAREY		VALLEY FORGE MA USA	2:17.14	GINA GATTI		AGE 160-199	
WILLIAM TINGLEY		STEPHANIE WALSH		MICHAEL HIGGS		CONNECTICUT MAS USA	2:09.45
PAMELA H MARTIN		TOM KRUG		ROBERT PEARSON		MAUREN MORTELL	
MARY CHRIS CURL		BARNEY HUNGERFORD		LANE 6 NZL	2:12.80	MANUEL SANGUILY	
MINNESOTA MASTE USA	1:53.30	JEANNE MERRYMAN		JAN BONE		MIKE LAUX	
TIMOTHY DALY		AGE 240-279		DENE ROBINSON		CHRISTIE SLIMAK	
ANN FINSETH		LOS ALTOS USA	2:22.44	MELANIE JONES		PACIFIC NORTHWE USA	2:13.59
VICTORIA SANDBERG		BERNA BENNETT		PETER WALLS		BARBARA GUNDRED	
MIKE HALPENNY		DELLA SEHORN		ORLANDO USA	2:13.08	GREGORY HARRISON	
CLAREMONT AUS	1:54.14	JAY CRADDOCK		MINNESOTA MASTE USA	2:17.70	BETH BRENNER	
MIAMI MASTERS AUS	1:54.83	ROBERT PROEBSTING		JENNIFER COX		FRANK NEWQUIST	
POWERPOINTS AUS	1:56.17	LINCOLN MASTERS USA	2:24.82	AVERY KINTNER		CLAREMONT AUS	2:15.88
SUNSHINE COAST AUS	1:56.25	MARY POHLMANN		MIKE HALPENNY		ROCKY CROCS AUS	2:16.73
NORTH SYDNEY AUS	1:58.40	GEORGE GANDSEY		MARY WINDRATH		POWERPOINTS AUS	2:17.13
AGE 160-199		LOUISE DONOVAN		SBAY USA	2:18.67	BRISBANE S. AUS	2:18.70
WARRINGAH AUS	1:56.61	RICHARD OLUFS		EDWARD M. NAKAKI		NORTH SYDNEY AUS	2:23.26
BRISBANE S. AUS	1:57.11	ETTALONG AUS	2:26.03	ROGER R. BARTELS		MIAMI MASTERS AUS	2:24.65
DONCASTER D. AUS	1:58.93	MANLY AUS	2:26.09	HILARY H. BARTELS		DONCASTER AUS	2:24.73
CLAREMONT AUS	1:59.75	POWERPOINTS AUS	2:27.15	THERESE NUGENT		EMPIRE ST MASTE USA	2:24.93
POWERPOINTS AUS	2:00.27	HOLMES LUMBER J USA	2:28.13	WALNUT CREEK B USA	2:21.39	DALE STRICKLAND	
NORTH SYDNEY AUS	2:00.91	BARBARA HOELLEN		KAREN JOSEPHSON		DRURY GALLAGHER	
GREATER INDIANA USA	2:02.75	JAMES TAYLOR		MARTY JENSEN		SUZANNE RAGUE	
MARYANN STEVENS		GERTRUD ZINT		SARA JOSEPHSON		L.SILVERSTEIN	
JOAN DIERCKS		ROGERS HOLMES		CHRIS MONTE			
MEL GOLDSTEIN		SMS USA	2:29.79	SWIM FLORIDA USA	2:27.05		
ED JOHNSON		JOHN K. COUSENS		SF REC & PARK USA	2:29.24		
DC MASTERS A USA	2:04.98	MARY B. FULMER		MARTA KREPS			
ROBERT BENNETT				SUE SCHARFF			
LARRY HEWES				CHRIS WATERS			
ANN SVANSON				RICK WINDES			
ANITA CALLAHAN							
HILLS AUS	2:05.12						
MANLY AUS	2:06.30						
AGE 200-239							
LINCOLN MASTERS USA	2:06.78						
PAUL HUTINGER							
IRENE DAVID							
BETTY BENNETT							
LARRY GOOD							
NORTH LODGE AUS	2:10.41						
TAMALPAIS AQUAT USA	2:11.24						
DORE SCHWAB JR.							
RUTH WINN							
NANCY RIDOUT							
HUGH WINN							
D.C. MASTERS USA	2:11.55						
ARTHUR SMITH III							
SCROGGIE WILEY							
DENISE BROWN							
JAYNE BRUNER							
ST. PETE MASTER USA	2:11.92						
JAYNE LAMBEKE							
ARTHUR FRIEDLAND							
MARY BARKER							
HAROLD FERRIS							
WARRINGAH AUS	2:12.28						
MIAMI MASTERS AUS	2:12.69						
SAN DIEGO SWIM USA	2:15.65						
JOHN GOODE							
SUSAN RITTENHOUSE							
BETSY JORDAN							
BILL EARLEY							
CLAREMONT AUS	2:17.14						
VALLEY FORGE MA USA	2:17.14						
STEPHANIE WALSH							
TOM KRUG							
BARNEY HUNGERFORD							
JEANNE MERRYMAN							
AGE 240-279							
LOS ALTOS USA	2:22.44						
BERNA BENNETT							
DELLA SEHORN							
JAY CRADDOCK							
ROBERT PROEBSTING							
LINCOLN MASTERS USA	2:24.82						
MARY POHLMANN							
GEORGE GANDSEY							
LOUISE DONOVAN							
RICHARD OLUFS							
ETTALONG AUS	2:26.03						
MANLY AUS	2:26.09						
POWERPOINTS AUS	2:27.15						
HOLMES LUMBER J USA	2:28.13						
BARBARA HOELLEN							
JAMES TAYLOR							
GERTRUD ZINT							
ROGERS HOLMES							
SMS USA	2:29.79						
JOHN K. COUSENS							
MARY B. FULMER							



**FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1989**

LINCOLN MASTERS USA	2:25.20	NORTH LODGE	AUS	2:56.46
BETTY BENNETT				
PAUL HUTINGER		SMS	USA	3:03.91
IRENE DAVID		MARY B. FULMER		
LARRY GOOD		DEBORAH WALKER		
TAMALPAIS AQUAT USA	2:28.58	BALINT PAPP		
RICHARD BURNS		JOHN K. COUSENS		
RUTH WINN				
NANCY RIDOUT		AGE 280-319		
DORE SCHWAB JR.		SAN MATEO MARLI USA	USA	3:10.90
D.C. MASTERS USA	2:28.59	ZADA TAFT		
ARTHUR SMITH III		RAY TAFT		
JOANN LEILICH		ED MORAN		
JAYNE BRUNER		AUDREY ETIENNE		
SCROGGIE WILEY		MANLY	AUS	3:11.02
SAN DIEGO SWIM USA	2:31.32			
BETSY JORDAN		D.C. MASTERS USA	USA	3:37.70
LLOYD SKRAMSTAD		DAVID MCAFEE		
JOHN GOODE		FRANK MURPHY		
SUSAN RITTENHOUSE		BARBARA GLANCY		
LOS ALTOS USA	2:33.06	NANCY CLARK		
JACK MCCANN		WALNUT CREEK USA	USA	3:41.85
CAROLYN BOAK		SALLY JOY		
PATTI MCFATE		HAL PERRY		
JOHN PONISCHIL		MARY JANE REEVES		
MINNESOTA MASTE USA	2:34.10	CHET WERSHILA		
MARK LITMAN		CLAREMONT	AUS	3:41.98
RAYMOND HAKOMAKI				
SARAH HROMADA		ETTALONG	AUS	3:45.45
PHYLLIS STAIGE				
POWERPOINTS AUS	2:35.73	NORTH LODGE	AUS	3:50.04
DONCASTER D. AUS	2:35.91	SPM	USA	3:57.39
		FRANK TILLOTSON		
VALLEY FORGE MA USA	2:36.00	KAY M. SHIMPF		
BARNEY HUNGERFORD		JOHN D. JOHSTON		
STEPHANIE WALSH		CELIA C. BALLARD		
TOM KRUG		COGEE RANDWICK USA	USA	3:59.78
JEANNE MERRYMAN				
GREATER INDIANA USA	2:37.21	ARIZONA MASTERS USA	USA	5:19.53
MARYANN STEVENS		JACK SPIKES		
MARGIE HEINEMAN		JACK MATTINGLY		
MEL GOLDSTEIN		ROSE STEWARD		
DAVID MALBROUGH		EDNA LAFLIN		
AGE 240-279				
LOS ALTOS USA	2:37.94			
DELLA SEHORN				
JOHN RICHARDS				
ROBERT PROEBSTING				
BERNA BENNETT				
LINCOLN MASTERS USA	2:43.07			
GEORGE GANDSEY				
RICHARD OLUFS				
MARY POHLMANN				
LOUISE DONOVAN				
RINCONADA A USA	2:44.43			
DICK BENNETT				
CINDY BAXTER				
BOBBIE CALLISON				
ALDO DAROSA				
HOLMES LUMBER J USA	2:45.36			
ROGERS HOLMES				
GERTRUD ZINT				
BARBARA HOELLEN				
JAMES TAYLOR				
O*H*I*O MASTERS USA	2:49.99			
PHILLIS WILSON				
PAUL KRUP				
BETTY RUSS				
JOHN DAILY				
WISCONSIN USA	2:50.36			
DORIS KLITZKE				
DOROTHY KANEHL				
PERRY ROCKWELL				
ROBERT WHITE				
MANLY AUS	2:50.36			
ETTALONG AUS	2:54.28			