



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1990

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers for various distances (50m, 100m, 200m, 400m, 800m, 1500m, 500m, 1000m, 1500m, 2000m) in long course meters. Includes a section for Women 35-39.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1990

Table with columns for time, name, gender, and country. It lists the top 10 swimmers for various distances (50m, 100m, 200m, 400m, 800m, 1500m) in the 1990 FINA World Masters Long Course Meters event. The table is organized by distance and then by time, with swimmer names and countries listed to the right of the times.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1990

Table with columns for rank, name, country, time, name, country, time, name, country, time. Lists top 10 performers in long course meters for 1990.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1990

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers for various events in 1990.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1990

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists top 10 swimmers for various events in 1990.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1990

Table with columns for rank, name, country, and time. Includes sections for M E N 25-29 and M E N 30-34. Lists names like M. BACK, RICK REYNOLDS, ALEXANDER PRIGODA, etc.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS 1990

19:49.02 STEVEN CRAVEN USA	28.87 JOEL BURNS USA	2:17.17 JIM CRANE USA	35.08 ROBERT APEL GBR
20:11.25 BRETT A SORGE USA	28.90 STEVEN CRAVEN USA	2:17.77 JOHN GORDON GBR	35.17 PETER KUNZE GER
20:12.04 VIRGIL DANIELS USA	28.95 RICHARD HAAS USA	2:17.92 MIKE WAKE GBR	35.21 M.MOTA MIRANDA BRA
20:21.54 JOHN LAWRENCE USA	29.07 FLAVIO MACHADO BRA	2:18.30 JACK GEOGHEGAN USA	100 M. BRST
20:27.14 IAN BUTTERWORTH NZL	29.07 JOHN RADIMER USA	2:18.31 ERIC CHEESEMAN GBR	1:16.64 THOMAS BOAK USA
20:28.48 PETER NOLTE GER	100 M. FLY	2:19.48 JEFF COOKE USA	1:16.67 N.A. OLMZMANN USA
20:30.53 P. EMERY AUS	1:02.71 STEVEN CRAVEN USA	400 M. FREE	1:16.82 RICHARD NESBIT USA
50 M. BACK	1:03.58 ERIC HENDERSON GBR	4:00.34 TIMOTHY GARTON USA	1:16.93 GERSHON SHEFA ISR
29.38 PETER R. O'KEEFFE USA	1:03.75 JOEL BURNS USA	4:41.30 EDWARD CAZALET USA	1:17.27 SYLVIO RIBEIRO BRA
30.55 SERGEI ARTEMIEV URS	1:03.77 H.RAYMOND BUNCH USA	4:51.62 RICHARD BOYD USA	1:18.89 GIANNI GROSS ITA
30.72 WILLIAM TINGLEY USA	1:04.72 RICHARD HAAS USA	4:55.79 ERIC CHEESEMAN GBR	1:19.22 ROBERT APEL GBR
31.13 MOSHARRAE KHAN BAN	1:04.80 JOHN COVECEVICH AUS	4:56.38 JIM CRANE USA	1:19.33 GEOFFREY BURKE GUM
31.23 FRANK LORGE USA	1:05.48 FRED FERRARO USA	4:57.03 HARRY GREENFIELD USA	1:20.43 RAINER OPITZ GER
31.30 MAURICE HAMIDI FRA	1:05.53 FLAVIO MACHADO BRA	4:59.46 A.GALLETTY GBR	1:20.50 HOLGER BREMER GER
31.37 JERRY HEIDENREICH USA	1:06.81 PAUL HEBERT USA	5:00.98 D. CAMPION AUS	200 M. BRST
31.67 ROBERT STRAND USA	1:07.00 JANOS KIRICSI HUN	5:03.00 V. PAUL AUS	2:46.45 GERSHON SHEFA ISR
32.01 FRANK WARNER USA	200 M. FLY	5:03.20 JACK GEOGHEGAN USA	2:47.43 N.A. OLMZMANN USA
32.08 BILL BARTHOLD USA	2:23.87 JOHN COVECEVICH AUS	800 M. FREE	2:51.47 GEOFFREY BURKE GUM
100 M. BACK	2:27.63 ERIC HENDERSON GBR	9:52.93 EDWARD G CAZALET USA	2:53.45 RICHARD BOYD USA
1:03.39 PETER R. O'KEEFFE USA	2:30.40 JOEL BURNS USA	10:07.93 RICHARD BOYD USA	2:53.83 THOMAS BOAK USA
1:06.00 SERGEI ARTEMIEV URS	2:31.22 RICHARD HAAS USA	10:09.80 JACK LIKINS USA	2:54.67 HOLGER BREMER GER
1:06.06 WILLIAM TINGLEY USA	2:31.90 YURI NIKOLAEV URS	10:23.09 MIKE WAKE GBR	2:54.95 SYLVIO RIBEIRO BRA
1:07.20 FRANK LORGE USA	2:32.81 FLAVIO MACHADO BRA	10:31.47 V. PAUL AUS	2:55.09 HELMUT BEER GER
1:07.34 MAURICE HANIDI FRA	2:33.56 DAVID LEVINSON USA	10:31.69 TEGZE HARASZTI USA	2:58.32 ROB HANOU NED
1:07.54 BILL BARTHOLD USA	2:35.30 HOWARD BUNCH USA	10:38.62 KEVIN KELLY USA	2:58.78 D. OXER AUS
1:07.88 MOSHARRAE KHAN BAN	2:41.44 GABOR CSABA HUN	10:46.30 ALFRED JACOB BRA	50 M. FLY
1:09.96 FRANK WARNER USA	2:43.00 WILLI STOLZE GER	11:06.13 GORDON RATZLAFF JPN	27.84 RICHARD ABRAHAMS USA
1:11.02 ROBERT STRAND USA	200 M. I.M.	11:08.90 MIKE CALWELL USA	28.70 BERND SCHRODER GER
1:11.66 PAUL HEBERT USA	2:22.23 PETER R. O'KEEFFE USA	1500 M. FREE	28.80 KEEFE LODWIG USA
200 M. BACK	2:22.40 L. CSABA HUN	19:09.14 RICHARD BOYD USA	29.72 HARRY GREENFIELD USA
2:18.17 PETER R. O'KEEFFE USA	2:24.00 T.REGINALD TOZER USA	19:58.60 WOLFGANG KONIG GER	29.77 JOSE CLARET CIURO ESP
2:27.35 SERGEI ARTEMIEV URS	2:26.62 YUZI NICOLAEV URS	20:07.90 V. PAUL AUS	29.78 DOUG BUCHAN USA
2:27.87 FRANK LORGE USA	2:26.70 JOHN COVECEVICH AUS	20:28.90 STEVE P STURGES USA	29.79 K. SUGIMOTO JPN
2:30.96 WILLIAM TINGLEY USA	2:29.54 STEVEN CRAVEN USA	21:14.19 RON SCHLATTER NZL	29.81 AVRAHAM MELAMED ISR
2:31.55 BILL BARTHOLD USA	2:30.48 V.KRAVCHENKO URS	21:24.48 DOUGLAS C STEVENS USA	29.83 LARRY HEWES USA
2:33.14 JOHN COVECEVICH AUS	2:32.34 MAL JESTER USA	21:24.49 PHIL HENGEN USA	29.86 BORIS RUZCHITSKY URS
2:33.14 FRANK WARNER USA	2:32.55 ROBERT STRAND USA	21:27.04 A. HUMPHREYS AUS	100 M. FLY
2:39.58 CHIP GLIDDEN USA	2:32.61 CHIP GLIDDEN USA	21:30.62 DOUGLAS W. SELBY USA	1:03.42 RICHARD ABRAHAMS USA
2:41.11 PAUL HEBERT USA	400 M. I.M.	21:39.45 JOHN TOBEY USA	1:05.49 AVRAHAM MELAMED USA
2:42.77 LARRY CHASE USA	5:13.40 JOHN COVECEVICH AUS	50 M. BACK	1:07.39 HARRY GREENFIELD USA
50 M. BRST	5:15.62 YUZI NICOLAEV URS	30.97 CHUCK J GANTNER USA	1:07.42 BERND SCHRODER GER
32.08 MICHAEL WITASZEK USA	5:22.35 T.REGINALD TOZER USA	31.58 ALEXANDER KRUKOV URS	1:07.89 MICHAEL MEALIFFE USA
33.40 MANFRED SCHILD GER	5:29.39 RICHARD HAAS USA	31.88 J. CSIKANY HUN	1:08.70 ANTONIO D'OPPIDO ITA
33.58 NIKOLAI PANKIN URS	5:30.82 D.UIJTENBOGAART NED	32.15 JOHN GORDON GBR	1:08.74 DOUG BUCHAN USA
33.62 W.CHARBONNEAU USA	5:30.94 CHIP GLIDDEN USA	32.50 PETER HEEREN GER	1:09.44 KARL ERIKSSON SWE
33.65 ROBERT STRAND USA	5:33.76 DAVID THOMPSON GBR	32.50 PHILLIP WHITTEN USA	1:09.68 PAVEL KURHAES AUT
33.69 MILTON OHATA BRA	5:38.07 DAVID LEVINSON USA	32.98 MANFRED ESSER GER	1:09.76 BORIS RUZCHITSKY URS
33.80 JOAO ARANTES BRA	5:38.58 WILLIAM TINGLEY USA	33.10 K. SUZUKI JPN	200 M. FLY
33.85 H.RAYMOND BUNCH USA	5:39.24 DAVE GEMMILL USA	33.16 H. NONAKA JPN	2:35.00 AVRAHAM MELAMED ISR
33.96 DENNIS SHIPPEY USA	*****	33.22 BOB WELTY USA	2:38.00 WOLFGANG KONIG GER
34.09 RICHARD F. HUNTER USA	*****	100 M. BACK	2:43.17 PAUL HURHAJEC NZL
100 M. BRST	M E N 45-49	1:11.33 JOHN GORDON GBR	2:44.64 JACK GEOGHEGAN USA
1:13.28 MICHAEL WITASZEK USA	*****	1:11.64 J. CSIKANY HUN	2:46.38 A.GALLETTY GBR
1:13.34 ROBERT STRAND USA	50 M. FREE	1:12.86 PHILLIP WHITTEN USA	2:48.21 D. CAMPION AUS
1:14.07 W.CHARBONNEAU USA	25.30 RICHARD ABRAHAMS USA	1:14.60 RICHARD BURNS USA	2:48.51 HELMUT BEER GER
1:14.79 ALLEN L STARK USA	27.12 KEEFE LODWIG USA	1:14.61 MICHAEL MEALIFFE USA	2:48.68 PHIL HENGEN USA
1:15.19 CLAY KOLAR USA	27.16 BERND SCHRODER GER	1:15.06 PETER BETZER USA	2:49.87 BILL KING USA
1:15.50 H.RAYMOND BUNCH USA	27.36 DOUG BUCHAN USA	1:15.11 BOB WELTY USA	2:53.20 PAVEL KURHAES AUT
1:16.58 NIKOLAI PANKIN URS	27.49 HARRY GREENFIELD USA	1:15.59 ENRICO TOSI ITA	200 M. I.M.
1:16.78 MANFRED ZEHR GER	27.60 TONY CHERRINGTON GBR	1:15.62 RICHARD BASSI USA	2:24.98 TIMOTHY GARTON USA
1:16.86 RICHARD HUNTER USA	27.71 JOHN GORDON GBR	1:15.70 J.KREMER GER	2:31.72 EDWARD G CAZALET USA
1:16.93 MILTON OHATA BRA	27.71 KARL ERIKSSON SWE	200 M. BACK	2:34.36 GERSHON SHEFA ISR
200 M. BRST	27.73 BRUCE CLARK USA	2:34.77 EDWARD CAZALET USA	2:34.64 RICHARD BOYD USA
2:43.73 PETER F. WISNER USA	27.74 RICHARD BAUSCHARD USA	2:35.40 JOHN GORDON GBR	2:34.83 JOHN GORDON GBR
2:43.84 ROBERT STRAND USA	100 M. FREE	2:41.38 JOZSEF CSIKANY HUN	2:37.49 TEGZE HARASZTI USA
2:44.94 HOWARD BUNCH USA	57.22 TIMOTHY GARTON USA	2:45.87 BOB WELTY USA	2:38.10 AVRAHAM MELAMED ISR
2:48.23 ALLEN L STARK USA	57.47 RICHARD ABRAHAMS USA	2:46.20 PETER HEEREN GER	2:39.29 RICHARD BAUSCHARD USA
2:48.69 W.CHARBONNEAU USA	58.94 KEEFE LODWIG USA	2:48.00 ENRICO TOSI ITA	2:41.10 A.GALLETTY GBR
2:49.26 MICHAEL WITASZEK USA	59.24 EDWARD CAZALET USA	2:48.57 JOHN DAY USA	2:41.64 ALEXANDER KRUKOV URS
2:50.30 V.KRAVCHENKO URS	59.33 HARRY GREENFIELD USA	2:48.68 T. OGATA JPN	400 M. I.M.
2:50.48 MAL JESTER USA	1:00.65 DOUGLAS BUCHAN USA	2:48.79 JAMES STEWART GBR	5:17.20 TIMOTHY GARTON USA
2:51.05 CLAY KOLAR USA	1:00.67 RICHARD BAUSCHARD USA	2:48.92 H. NONAKA JPN	5:27.75 EDWARD G CAZALET USA
2:51.81 MANFRED ZEHR GER	1:00.96 JOHN GORDON GBR	50 M. BRST	5:29.87 RICHARD BOYD USA
50 M. FLY	1:00.98 K. IWASAKI JPN	33.67 RICHARD NESBIT USA	5:38.01 AVRAHAM MELAMED USA
27.74 JERRY HEIDENREICH USA	1:01.08 KARL ERIKSSON SWE	34.41 THOMAS BOAK USA	5:42.50 TEGZE HARASZTI USA
28.02 DAN THOMPSON USA	200 M. FREE	34.53 GIANNI GROSS ITA	5:48.01 JURGEN ALTENHOFEN GER
28.10 FRED FERRARO USA	2:07.18 TIMOTHY GARTON USA	34.64 GERSHON SHEFA ISR	5:54.00 HELMUT BEER GER
28.18 MICHAEL WITASZEK USA	2:09.61 EDWARD G CAZALET USA	34.69 DIETER HOFEL GER	5:56.81 JACK GEOGHEGAN USA
28.25 MOSHARRAF KHAN BAN	2:14.36 HARRY GREENFIELD USA	34.92 SYLVIO RIBEIRO BRA	5:59.06 RICHARD BAUSCHARD USA
28.31 RICHARD F. HUNTER USA	2:17.12 RICHARD BOYD USA	34.94 CYRIL KRAL GER	6:01.55 WILLIAM KING USA



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Table with columns for time, name, and country. Includes sections for M E N 50-54 and M. FREE. Lists names like PEKKA LUNDBERG, TERRY BOYES, JOHN C.S. SMITH, etc.



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200 M. FLY		2:36.99	TONY LOPEZ	USA	JENNIFER S BANNER		VIOLA THOMPSON
6:18.65	BILL STINSON	USA			JANE A HARPER		ALICIA COLEMAN
7:06.00	BILL SHOTT	USA	*****		MAST NADA MAIS	BRA 2:06.54	ROBERTA TURCOTTE
200 M. I.M.			M E N 95-99				BARBARA G. DUNBAR
4:36.76	F. GRIFFITHS	AUS	*****		SFRP TSUNAMI A	USA 2:07.25	
4:41.33	HERB EISENSCHMIDT	USA	50 M. FREE		MELISSA LOWE		AGE 280-319
5:02.65	BILL SHOTT	USA	1:35.88	TOM LANE	USA	DIANE DAVIS	DC MASTERS USA 3:27.93
5:07.09	LUIGI DAVOGLIO	ITA	50 M. BACK		ELIZABETH KAY		NANCY CLARK
6:02.00	BILL STINSON	USA	1:19.29	TOM LANE	USA	MARIA PEASE	ELSA MATTILA
6:41.93	MOACYR BRAGA	BRA	*****				MARY LATHRAM
400 M. I.M.			*****		AGE 160-199		BARBARA ZAREMSKI
11:20.13	BILL SHOTT	USA	M E N 100-104		FENERALIMPEX	SWE 2:04.81	JNMAM JPN 3:35.01
*****			*****				
M E N 85-89			*****		FLUMINENSE	BRA 2:11.63	HOLMES LUMBER J USA 3:49.94
*****			*****		RELAYS: WOMEN 200 M. FREE		MILLIE HUPP
50 M. FREE			*****		COFFS HARBOUR	AUS 2:11.76	GERTRUD ZINT
46.10	R. WILLIAMS	AUS	AGE 100-119				RACHEL ERWIN
48.40	GUS LANGNER	USA	HOUSTONIAN CLUB USA	1:56.80	C.R. FLAMENGO	BRA 2:13.05	JUNE REYNOLDS
56.24	MANLIO COSTOLI	ITA	TORI SMITH				JNSPRM JPN 3:57.80
56.30	PEDRO ALMEIDA	BRA	JULIE ARBUTHNOT		NORTH SYDNEY	AUS 2:13.58	
56.35	JOE KAUFMAN	USA	REBECCA WETZEL		SPENCER	GBR 2:14.47	SUNSHINE COAST AUS 3:57.82
58.14	N. BABA	JPN	L. WETZEL-OSBORNE		DADS CLUB USA	1:59.17	JNSUIE JPN 4:00.73
100 M. FREE			MONICA BARRERA		DONCASTER	AUS 2:14.56	SOMERSET AUS 4:01.18
1:51.57	GUS LANGNER	USA	CAROL RIDDLE		VIRGINIA MASTER USA	2:15.05	INGLEWOOD AUS 4:14.97
1:56.38	R. WILLIAMS	AUS	SARAH JORDAN		TERRY GAULT		
2:06.00	JOSEPH REINERS	USA	TRACY BLACK		JOHNNIE DETRICK		ST PETE MASTERS USA 4:20.99
2:15.68	MANLIO COSTOLI	ITA	LAKE SIDE MASTER USA	1:59.47	NANCY MILLER		ELLEN WALBOLT
2:15.79	JOE KAUFMAN	USA	GINA GATTI		KIM WISE		MARY BOAZ
200 M. FREE			PAMELA HAEBERLIN		FENERALIMPEX S	SWE 2:15.07	FRANCIS CICHANSKI
4:12.59	GUS LANGNER	USA	AMY POPE		STREET & DIST	GBR 2:15.82	KAY SCHIMPF
4:56.91	JOE KAUFMAN	USA	MELINDA SCHMITT				ARIZONA MASTERS USA 4:22.48
5:14.96	MANLIO COSTOLI	ITA	SPENCER	BRA 2:01.03			ROSE STEWARD
400 M. FREE							EDNA LAFLIN
8:49.06	GUS LANGNER	USA	SG DUSSELDORF I GER	2:01.80			EVELYN SANDLIN
10:23.83	R. WILLIAMS	AUS	A. NIESWANDT		AGE 200-239		MARGARET NAGLE
11:30.45	PEDRO ALMEIDA	BRA	UTA MULLER		HOLMES LUMBER	USA 2:13.96	*****
800 M. FREE			MARION JANZHOFF		TALAYS	AUS 2:16.62	RELAYS: WOMEN 200 M. MEDLEY
17:48.86	GUS LANGNER	USA	BRIGITTE NEUHOFF		JNMAM	JPN 2:25.84	*****
50 M. BACK			HOUSTONIAN CLUB USA	2:02.63	POWER POINTS	AUS 2:26.33	AGE 100-119
1:11.37	PEDRO ALMEIDA	BRA	ERICA MEYER		JNSPAC	JPN 2:26.58	HOUSTONIAN CLUB USA 2:08.14
1:12.13	JOE KAUFMAN	USA	GRETCHEN CANTER		NORTH LODGE	AUS 2:27.55	TORI SMITH
1:18.62	R. WILLIAMS	AUS	SUZANNE BODOR		JNTKTG-A	JPN 2:30.60	L. WETZEL-OSBORNE
1:19.72	GUS LANGNER	USA	PATRICIA LEAHY		E.C. PINHEIROS	BRA 2:30.94	ERICA MEYER
2:20.87	G. EDWARDS	AUS	JNMAM	JPN 2:03.00	CLAREMONT	AUS 2:31.24	REBECCA WETZEL
2:31.40	C. JARDINE	AUS	SG MAINZ	GER 2:03.99	C.R. ICARAI	BRA 2:31.34	SG DUSSELDORF GER 2:15.17
100 M. BACK			S. LEINWEBER		AGE 240-279		UTA MULLER
2:35.13	JOE KAUFMAN	USA	RENATE LAUBACH		FLUMINENSE	BRA 2:44.19	IRIS KLEIN
2:55.11	GUS LANGNER	USA	DAGMAR LUTKEMEIER		JNIMKW	JPN 2:47.65	DAGMAR GRABOWSKI
200 M. BACK			DAGMAR STREULE		JNSPAC	JPN 2:49.70	BRIGHTTE NEUHOFF
5:24.01	JOE KAUFMAN	USA	UNIV OF HOUST. USA	2:04.47	ARIZONA MASTERS USA	2:51.69	SPENCER S.C. GBR 2:15.82
6:46.43	GUS LANGNER	USA	SUSAN MATHERNE		SHIRLEY MCFARLAND		HOUSTONIAN CLUB USA 2:16.50
7:57.06	VICTOR F SAGUES	USA	SUSAN EICHER		MARIAN WOLLE		PATRICIA LEAHY
50 M. BRST			TONI SCHRAMME		EDIE GRUENDER		M. MCROBERTS
1:19.01	GUS LANGNER	USA	ANNE BERNHARD		NANCY MACBETH		GRETCHEN CANTER
1:27.09	R. WILLIAMS	AUS	MINAS T. CLUB	BRA 2:04.67	JNKOEI	JPN 2:52.56	JULIE ARBUTHNOT
2:21.03	G. EDWARDS	AUS			CLAREMONT	AUS 2:31.24	MASTERS PARANA BRA 2:16.51
100 M. BRST					AGE 120-159		DADS CLUB MASTE USA 2:16.86
3:07.09	GUS LANGNER	USA			FLUMINENSE	BRA 2:02.32	MONICA BARRERA
*****					CLAREMONT	AUS 2:02.69	CAROL RIDDLE
M E N 90-94					S. CECILIA/CARBO	BRA 2:03.06	SARAH JORDAN
*****					SPENCE	GBR 2:05.72	TRACY BLACK
50 M. FREE					ARIZONA MASTERS USA	2:51.69	VIRGINIA USA 2:17.23
54.54	LOURENS SPARRIUS	AUS			SHIRLEY MCFARLAND		DEBBIE SLOAN
1:19.95	PAUL E. SPANGLER	USA			MARIAN WOLLE		LISA BENNETT
2:11.55	TONY LOPEZ	USA			EDIE GRUENDER		VAL VAN HORN
200 M. FREE					NANCY MACBETH		CLAI BROWN
6:03.12	PAUL E. SPANGLER	USA			JNKOEI	JPN 2:52.56	JNMAM JPN 2:17.34
1500 M. FREE					CRONULLA SUTHER	AUS 2:52.81	
52:41.53	PAUL E. SPANGLER	USA			JNMAM	JPN 2:55.22	LAKESIDE MASTER USA 2:17.42
50 M. BACK					JNSW89	JPN 3:00.28	MELINDA SCHMITT
1:15.93	LOURENS SPARRIUS	AUS					GINA GATTI
1:53.45	TONY LOPEZ	USA					PAMELA HAEBERLIN
2:43.51	K. KOZU	JPN					AMY POPE
100 M. BACK							SFRP TSUNAMI USA 2:17.93
4:29.54	TONY LOPEZ	USA					LAURA O'HEIR
200 M. BACK							
8:59.53	TONY LOPEZ	USA					
50 M. BRST							



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TERRIE MONFORE MARIA PEASE MELISSA LOWE	JEAN TROY DEBORAH CAIN JNHECT	HELMUT ZISSEL PETER LANG C. SCHUFF KERSTEN PETRY	WENDELL SMITH MICHAEL HARRIS JNFLPC
AGE 120-159 SOMERSET AUS 2:16.46	JNSPAC JPN 2:53.26	JNARBN JPN 1:42.60	LONGHORN MASTER USA 1:48.92
WALNUT CREEK USA 2:17.62	NORTH LODGE AUS 2:54.02	NOTTINGHAM GBR 1:42.67	W. RANSOM-NELSON DICK WORREL JOHN RUBOTTOM DOUGLAS DUWE E.C. PINHEIROS BRA 1:49.12
PAM BOSCOVICH CATHY COOLEY DEBBIE FLANDBURG PAULA ROEMER FLUMINENSE BRA 2:17.68	JNTKTG JPN 2:56.27	OKLAHOMA MASTER USA 1:43.43	C.R. FLAMENGO BRA 1:49.32
S. CECILIA/CARBO BRA 2:18.70	AGE 240-279 FLUMINENSE BRA 3:01.00	DANIEL MITCHELL PATRICK WRVNN LONE STAR MASTE USA 1:43.55	FENERALIMPEX SWE 1:50.10
SPENCER GBR 2:19.79	WALNUT CREEK USA 3:11.85	ROBERT HUDEK DAN REDFERN ROSS MYERS BOBBY PATTEN SG DUSSELDORF GER 1:43.80	THE OLYMPIC CLU USA 1:50.43
CLAREMONT AUS 2:20.34	ANN PISCIOTTA JAE HOWELL JOAN ALEXANDER DONNA MONROE JNKOEI JPN 3:14.63	WOLFGANG NAUGH ERNST DENZER KERSTEN MEIER ULRICH THEISEN	BILL BARTHOLD WILLIAM TIMKEN JR EDWARD RUDLOFF JR RANDY WILLIAMS
MAST NADA MAIS BRA 2:21.54	ARIZONA MASTERS USA 3:14.80	AGE 200-239 UNIMED BRA 1:54.01	AGE 200-239 UNIMED BRA 1:54.01
MOTHERWELL GBR 2:23.76	NANCY MACBETH MARIAN WOLLE EDIE GRUENDER SHIRLEY MCFARLAND JNIMKW JPN 3:16.90	AGE 120-159 LONE STAR MASTE USA 1:41.28	FLUMINENSE BRA 1:54.10
LONE STAR MASTE USA 2:24.52	JNMAM JPN 3:17.85	RICHARD HESS JOHN THORBURN DAVID HOLLAND DAVID HAGUE UNIMED BRA 1:43.12	MINAS T. CLUB BRA 1:56.03
VAL KERR-HAGUE LAURA MYERS L. MORRISON-CASEY CARLA ELFELD SOUTHPORT GBR 2:24.77	JNSPAC JPN 3:19.24	CAMP HILL ED A GBR 1:44.30	FENERALIMPEX SWE 1:56.61
AGE 160-199 FENERALIMPEX SWE 2:20.21	CRONULLA SUTHER AUS 3:19.80	DC/AC USA 1:44.52	THE OLYMPIC CLU USA 1:57.43
HOLMES LUMBER USA 2:24.25	MANLY AUS 3:22.59	JOE SCHEPER PETER GARRETT JAY FISETTE JOSE CUNNINGHAM LAKESIDE MASTER USA 1:45.16	DONALD WUDTKE JAMES BOHAN WILLIAM VAN HORN RICHARD BASSI HOLMES LUMBER USA 1:57.70
OREGON MASTERS USA 2:29.24	SV GELNHAUSEN GER 3:24.60	ROBERT PEARSON KIRK BUESE DANIEL CAREY WILLIAM TINGLEY JNMAM JPN 1:45.34	JNMAM JPN 1:57.96
BARBARA FRID GINGER PIERSON ANDREE DEVINE PAMELA HIMSTREET JNMAM JPN 2:29.64	AGE 280-319 DC MASTERS USA 3:53.08	R.N. LANCIANI ITA 1:45.78	JNHAKK JPN 1:58.40
FENERALIMPEX S. SWE 2:29.69	MARY LATHRAM ELSA MATTILA BARBARA ZAREMSKI NANCY CLARK HOLMES USA 4:08.72	MAURIZ VENTRIGLIA MARCO DELL'UOMO GIORGIO GENNARO RICCARDO URBANI SWIM WITH AEROB USA 1:46.06	HOUSTONIAN CLUB USA 1:58.57
STREET GBR 2:30.21	JNMAM-A JPN 4:17.91	BRYAN AUSTIN STEVE MATEER CHRIS MCADAM RICHARD HEARD PNA USA 1:46.50	BILL HOFF MICHAEL HILL BOB BAILIE TOM CHRISTIAN JNKZOY JPN 1:59.17
SPENCER GBR 2:30.70	JNMAM-B JPN 4:28.65	PAUL SHERMAN STEVE SCHUFREIDER RICK PETERSON STEVE SCHMIDT JNHAKK JPN 1:47.29	AGE 240-279 FLUMINENSE BRA 2:02.94
VIRGINIA MASTER USA 2:35.62	JNSUIE JPN 4:34.27	AGE 160-199 HOLMES LUMBER USA 1:39.27	LOS DORADOS ARG 2:05.85
DIANE CAYCE NANCY MILLER TERRY GAULT JOHNNIE DETRICK COFFS HARBOUR AUS 2:35.97	SUNSHINE COAST AUS 4:51.49	SWIM WITH AEROB USA 1:45.70	KOCHIENKO-KAI JPN 2:05.92
DONCASTER AUS 2:36.35	***** RELAYS: M E N 200 M. FREE ***** AGE 100-119 HOUSTONIAN CLUB USA 1:36.15	JERRY HEIDENREICH GREGORY KRAUS MAX HEIDENREICH RICHARD NESBIT LOS ALTOS MASTE USA 1:47.84	JNENKO JPN 2:05.92
AGE 200-239 SPENCER GBR 2:42.23	JAMES PRINGLE STUART KNOWLES JEFF FREY JOHN SMITH C.R. FLAMENGO BRA 1:37.40	KEEFE LODWIG EDWARD CAZALET THOMAS BOAK ROBERT PROEBSTING HOUSTONIAN CLUB USA 1:48.28	FLUMINENSE-2 BRA 2:06.76
TAMALPAIS USA 2:45.73	HOUSTONIAN CLUB USA 1:38.73	DAN THOMPSON WILLIAM LIPSKY	HOLMES LUMBER J USA 2:08.31
ANGELA KONIG CHARLOTTE JENKINS NANCY RIDOUT MARY GIDLEY LIVERPOOL UK GBR 2:46.09	CLAY BRITT CLARK MCDONALD SCOTT CARPENTER RICK BODOR NEW YORK AH! A USA 1:41.46		JAMES TAYLOR BURWELL JONES ROGER HOLMES ANDY SEARS SOIK HELLAS SWE 2:10.03
ST LOUIS USA 2:50.14	TOM PEDERSON DON SUMADA RICK REYNOLDS BRUCE HAYES SG LUFRA GER 1:42.23		E.C. PINHEIROS BRA 2:11.03
DOROTHY BURKE REGAN KENNER HELEN BUSS CATHERINE KOHN LEISURE COAST AUS 2:51.95			LINCOLN MASTERS USA 2:11.17
COLONIAL 1776 USA 2:52.98			DAVID MALBROUGH BILL MULLIKEN PAUL HUTINGER SAM KOOISTRA WARRINGAH AUS 2:12.24
JEANNE MERRYMAN STEPHANIE WALSH			AGE 280-319 HOLMES LUMBER USA 2:20.37



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ETTALONG AUS 2:24.21	DAVID HAGUE DC/AC USA 1:59.31	E.C.PINHEIROS BRA 2:16.27	C.R.FLAMENGO BRA 1:49.95
JNSUIE JPN 2:26.74	JAY FISETTE JOSE CUNNINGHAM PETER GARRETT JOE SCHEPER CAMP HILL ED A GBR 1:59.35	AGE 240-279 RINCONADA USA 2:24.64	MAST PARANA BRA 1:50.38
O*H*I*O MASTERS USA 2:27.14	C.R.FLAMENGO BRA 2:00.31	ELI GOLDFARB ALDO DA ROSA JIM SHAW DICK BENNETT LOS DORADOS ARG 2:24.84	LAKE USA 1:51.15
DEXTER WOODFORD PAUL KRUP PAUL CRAGO KEITH CARTER EMPIRE USA 2:28.38	LAKESIDE MASTER USA 2:00.70	LINCOLN MASTERS USA 2:25.26	ROBERT PEARSON GINA GATTI DANIEL CAREY MELINDA L SCHMITT TEMESCAL USA 1:51.71
WILLIAM ROWE RICHARD GUIDO BERNARD GUTTILLA GERSON SOBEL LONG BEACH USA 2:32.97	SWIM WITH AEROB USA 2:01.12	DAVID MALBROUGH BILL MULLIKEN PAUL HUTINGER SAM KOOISTRA FLUMINENSE BRA 2:25.74	CLINTON WHITE MICHELLE YOUNG JANICE GILLIES CHARLTON HORNE MINAS T. CLUB BRA 1:51.87
JNSGMC JPN 2:34.89	CHRIS MCADAM STEVE MATEER GREGORY KRAUS JOSEPH MURRAY	KOCHIENKO-KAI JPN 2:26.68	JNHAKY JPN 1:52.22
JNRS88 JPN 2:36.18	AGE 160-199 HOLMES LUMBER USA 1:54.57	JNENKO JPN 2:26.68	DADS CLUB MASTE USA 1:52.26
C.R.ICARAI BRA 2:40.97	SWIM WITH AEROB USA 1:57.08	SO. CALIFORNIA BOB MERRICK LEE ARTH FRANK PIEMME GEORGE BRINTON E.C.PINHEIROS BRA 2:33.64	TRACY BLACK MARK HAHN MONICA BARRERA ROGER RAMON
JNNKAD JPN 2:41.71	JERRY HEIDENREICH RICHARD NESBIT MAX HEIDENREICH BRYAN AUSTIN ARKANSAS MASTER USA 1:59.71	WARRINGAH AUS 2:34.91	AGE 120-159 LONE STAR MASTE USA 1:47.38
*****	FREDERICK FIELD DOUG MARTIN JOHN STEIN LOS ALTOS MASTE USA 2:01.62	JNMAM-A JPN 2:35.80	RICHARD HESS L.MORRISON-CASEY VAL KERR-HAGUE JAMES MONTGOMERY HOLMES LUMBER USA 1:48.81
RELAYS: M E N 200 M. MEDLEY	EDWARD CAZALET THOMAS BOAK KEEFE LODWIG ROBERT PROEBSTING C.R.FLAMENGO BRA 2:04.11	HOUSTONIAN CLUB USA 1:48.97	JULIE ARBUTHNOT M.MCROBERTS SAM SEIPLE CHRIS WALKER SWIM WITH AEROB USA 1:49.48
*****	E.C.PINHEIROS BRA 2:04.33	JNNAKD JPN 2:53.32	BRYAN AUSTIN JERRY HEIDENREICH KRISTIN HENDERSON KARYN HEANEY LAKESIDE MASTER USA 1:50.14
AGE 100-119 HOUSTONIAN CLUB USA 1:48.46	FENERALIMPEX SWE 2:04.47	HOLMES LUMBER J USA 2:54.08	KIRK BUESE WILLIAM TINGLEY PAMELA HAEBERLIN AMY POPE JNMAM JPN 1:53.88
CLAY BRITT DEAN PUTTERMAN ROBERT KILLEEN JAMES PRINGLE C.R.FLAMENGO BRA 1:52.31	UNIVERSITY OF H USA 2:05.39	EMPIRE USA 2:58.42	HOUSTONIAN CLUB USA 1:48.97
JNARB N JPN 1:53.20	ED PERKINS W.CHARBONNEAU ED LEWIS DENNIS SHIPPEY TEXAS SWIMASTER USA 2:06.53	WILLIAM ROWE MURRAY EAGER RICHARD GUIDO GERNARD GUTTILLA JNRS88 JPN 3:05.76	JULIE ARBUTHNOT M.MCROBERTS SAM SEIPLE CHRIS WALKER SWIM WITH AEROB USA 1:49.48
JNKNAM JPN 1:53.55	PHIL FLATO RICHARD ENRIGHT LARRY WOOD GEORGE MCLAREN COVENTRY GBR 2:06.83	C.R.ICARAI BRA 3:06.07	BRYAN AUSTIN JERRY HEIDENREICH KRISTIN HENDERSON KARYN HEANEY LAKESIDE MASTER USA 1:50.14
JNHAKY JPN 1:54.48	AGE 200-239 FENERALIMPEX SWE 2:06.81	ETTALONG AUS 3:06.56	JERRY HEIDENREICH KRISTIN HENDERSON KARYN HEANEY LAKESIDE MASTER USA 1:50.14
SG LUFRA FRANKE GER 1:54.81	UNIMED BRA 2:06.87	LONG BEACH USA 3:11.73	KIRK BUESE WILLIAM TINGLEY PAMELA HAEBERLIN AMY POPE JNMAM JPN 1:53.88
WOLFGANG KOLLNER PETER LANG KERSTEN PETRY HELMUT ZISSEL JNMAM JPN 1:55.14	FLUMINENSE BRA 2:07.19	JNNGAT JPN 3:12.44	WILLIAM ROWE MURRAY EAGER RICHARD GUIDO GERNARD GUTTILLA JNRS88 JPN 3:05.76
LONE STAR MASTE USA 1:56.22	WARRINGAH AUS 2:13.87	JNSUIE JPN 3:21.12	C.R.ICARAI BRA 3:06.07
DAN REDFERN ROSS MYERS BOBBY PATTEN ROBERT HUDEK NEW YORK AH! USA 1:56.32	HOLMES LUMBER USA 2:14.15	INGLEWOOD AUS 3:23.99	ETTALONG AUS 3:06.56
BRUCE HAYES CHRIS PACKARD RICK REYNOLDS DON SUMADA NOTTINGHAM GBR 1:56.42	OTTER GBR 2:14.66	*****	LONG BEACH USA 3:11.73
AGE 120-159 HOUSTONIAN CLUB USA 1:53.62	MINAS T. CLUB BRA 2:15.51	RELAYS: MIXED 200 M. FREE	JNNGAT JPN 3:12.44
CHRIS WALKER JOHN SMITH SAM SEIPLE LANCE GORDON JNMAM JPN 1:56.08	THE OLYMPIC CLU USA 2:15.60	*****	JNSUIE JPN 3:21.12
UNIMED BRA 1:56.72	RICHARD BASSI JAMES BOHAN WILLIAM VAN HORN WILLIAM TIMKEN JR JNMAM JPN 2:15.62	AGE 100-119 HOUSTONIAN CLUB USA 1:46.27	INGLEWOOD AUS 3:23.99
WALNUT CREEK USA 1:57.22	STEVE STAHL PAULA ROEMER WENDY INGRAHAM GREG REMMERT HOUSTONIAN CLUB USA 1:49.83	JAMES PRINGLE TORI SMITH REBECCA WETZEL JOHN SMITH WALNUT CREEK USA 1:47.29	*****
KERRY O'BRIEN JOHN ROEMER STEVE STAHL GREG REMMERT LONE STAR MASTE USA 1:58.70	JEFF FREY STUART KNOWLES L.WETZEL-OSBORNE ERICA MEYER	STUART KNOWLES L.WETZEL-OSBORNE ERICA MEYER	AGE 160-199 TAMALPAIS AQUAT USA 1:53.04
STEPHEN BOSTER JIM CAPERS RICHARD HESS			HARRY GREENFIELD NANCY RIDOUT RICHARD BAUSCHARD LAURA CHASE FENERALIMPEX SWE 1:54.48
			LOS ALTOS MASTE USA 1:55.42
			EDWARD CAZALET KEEFE LODWIG CAROLYN BOAK ARLENE PROEBSTING FLUMINENSE BRA 1:56.24
			NEW ENGLAND USA 1:56.84
			KEVIN FISHER PHILLIP WHITTEN EVELYN HAUSBERGER



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JACKI HIRSTY B.S.G. ROTATION GER	1:57.49	JNTAC JPN	2:56.84	LAKESIDE MASTER USA WILLIAM TINGLEY GINA GATTI DANIEL CAREY MELINDA SCHMITT MAST NADA MAIS BRA	2:04.10 2:08.47	BARBARA G. DUNBAR BILL EARLEY HOLMES LUMBER USA	2:29.84
DADS CLUB MASTE USA DANIELLE OGIER JIM CRANE KRIS WINGENROTH DOUGLAS DAVIS LONGHORN MASTER USA CATHERINE DANIEL KATHLEEN HOWELL DICK WORREL DOUGLAS DUWE WARRINGAH AUS	1:58.21 1:58.85 1:58.91	DC MASTERS USA WISCONSIN MASTE USA JNMAM-A JPN	2:58.40 2:58.90 3:10.89	UNIVERSITY OF H USA SUSAN EICHER DAVID GUTHRIE DAVID HARBACH SUSAN MATHERNE HOUSTONIAN CLUB USA PATRICIA LEAHY SUZANNE BODOR ROBERT KILLEEN LANCE GORDON PAULISTANO BRA	2:09.27 2:09.33 2:09.36	E.C. PINHEIROS BRA DONCASTER AUS E.C. PINHEIROS BRA AGE 240-279 HOLMES LUMBER USA FLUMINENSE BRA SOIK HELLAS SWE DURHAM LIGHT ZNL OLGA JOHNSON PRISCILLA LOGAN TOM LOGAN KEN WOODS C.N.MARCEILLE FRA	2:31.24 2:31.44 2:32.72 2:31.71 2:38.25 2:43.62 2:45.24 2:46.30
AGE 200-239 HOLMES LUMBER USA FLUMINENSE BRA UNIMED BRA SAN DIEGO SWIM USA DON BAKER GINI BURNS BETSY JORDAN FRANK WILLIAMS JNHAKY JPN LOS ALTOS USA JACK MCCANN CAROLYN BOAK ARLENE PROEBSTING BOB PROEBSTING JNMAM JPN PORIN UIMARIT FIN MINAS T. CLUB BRA POWER POINTS AUS AGE 240-279 SOIK HELLAS SWE FLUMINENSE BRA HOLMES LUMBER USA JNMAM JPN WALNUT CREEK USA CHET WERSHILA FRED TRASK ELFRIEDE ROGERS ANN PISCIOтта C.N. MARCEILLE FRA POWER POINTS AUS RINCONADA USA ELI GOLDFARB BOBBIE CALLISON CAROL REMEN ALDO DA ROSA C.R. ICARAI BRA CLAREMONT AUS AGE 280-319 FLUMINENSE BRA	2:00.92 2:05.24 2:05.26 2:09.88 2:11.37 2:12.63 2:12.84 2:13.44 2:13.48 2:14.32 2:18.79 2:22.28 2:25.13 2:25.85 2:25.89 2:26.56 2:28.36 2:28.50 2:29.28 2:29.81 2:48.48	RELAYS: MIXED 200 M. MEDLEY ***** AGE 100-119 HOUSTONIAN CLUB USA CLAY BRITT L.WETZEL-OSBORNE MICHAEL WITASZEK REBECCA WETZEL JNMAM JPN MASTERS PARANA BRA C.R.FLAMENGO BRA DADS CLUB MASTE USA KELLY RIVES KRIS FLASKA SARAH JORDAN TRACY BLACK HARBOUR CAPITAL ZNL CAROL BAMFORD ROBERT SPENCER JEREMY PERROTT REBECCA WILLIAMS FLUMINENSE BRA LONGHORN MASTER USA KATHY SCRUGGS MARK STOHRER CHRISTOPHER SHAW SALLY SOCHER HOLMES LUMBER J USA THOMAS SMITH SUDI MILLER LISA GRAHAM JOHN BLACK DADS CLUB MASTE USA MONICA BARRERA CAROL RIDDLE JAMIE JORDAN GARY ROSS AGE 120-159 LONE STAR MASTE USA PEGGY HESS VAL KERR-HAGUE DAVID HAGUE L.MORRISON-CASEY HOLMES LUMBER USA HOUSTONIAN CLUB USA JEFF FREY M.MCROBERTS SAM SEIPLE JULIE ARBUTHNOT	3:19.23 3:16.91 3:17.15 3:18.77 3:19.23 1:56.50 2:02.43 2:03.54 2:03.99 2:06.29 2:06.98 2:07.33 2:09.72 2:09.77 2:10.93 2:01.05 2:02.06 2:02.53	NEW ENGLAND USA EVELYN HAUSBERGER PHILLIP WHITTEN KEVIN FISHER JACKI HIRSTY FENERALIMPEX SWE FLUMINENSE BRA B.S.G. ROTATION GER UNIMED BRA LOS ALTOS MASTE USA EDWARD CAZALET THOMAS BOAK CAROLYN BOAK ARLENE PROEBSTING DADS CLUB MASTE USA MARK BOERNER DANIELLE OGIER KRIS WINGENROTH JIM CRANE LONGHORN MASTER USA C.FITZSIMMONS KATHLEEN HOWELL JOHN RUBOTTOM DOUGLAS DUWE C.R.FLAMENGO BRA TAMALPAIS AQUAT USA RICHARD BAUSCHARD LAURA CHASE HARRY GREENFIELD NANCY RIDOUT NORTH SHORE ZNL GLENDA BIDDLE BERNADETTE RAE DON BIDWELL JOHN FISHER AGE 200-239 FENERALIMPEX SWE LINCOLN USA POWER POINTS AUS MINAS T. CLUB BRA PORIN UIMARIT FIN SDSM USA BETSY T. JORDAN LLOYD SKRAMSTAD	2:10.90 2:10.93 2:10.93 2:11.25 2:11.96 2:12.61 2:12.78 2:13.34 2:15.44 2:15.84 2:16.71 2:16.71 2:18.58 2:25.91 2:27.13 2:28.31 2:28.89 2:29.26	C.R. ICARAI BRA COOGEE RANDWICK AUS C.R.ICARAI BRA ARIZONA MASTERS USA NANCY MACBETH DANIEL GRUENDER EDIE GRUENDER JORDAN WOLLE JNMAM JPN AGE 280-319 FLUMINENSE BRA JNSPRM JPN DC MASTERS USA MARY LATHRAM KELLEY LEMMON FRANK MURPHY NANCY CLARK MANLY AUS CLAREMONT AUS ETTALONG AUS JNMAM JPN JNSW89 JPN HOLMES LUMBER J USA FRANK TILLOTSON BILL UHRICH RACHEL ERWIN MARJORIE NEWMAN HOLMES LUMBER USA AGE 320-359 SUNSHINE COAST AUS	2:49.08 2:49.70 2:49.94 2:50.03 2:50.36 3:11.85 3:32.20 3:33.32 3:34.77 3:37.68 3:42.35 3:48.12 3:50.54 3:56.91 4:00.39 5:45.38