



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

WOMEN 25-29

50 M. FREE	29.60 MAI NAKAMURA	JPN 2008	28.09 MARJA PARSSINEN	FIN 1997
25.42 ANNABEL KOSTEN	30.27 ELENA PYATOVA	RUS 2008	28.19 JENNIFER BROOKS	USA 2003
26.16 TATIANA BARBOSA	30.43 AKIKO MIZUMOTO	JPN 2008	28.24 MABI TSUKIOKA	JPN 2008
26.20 ALISON SHEPPARD	30.52 NAHOMI ERIGUCHI	JPN 2004	28.30 C.SIEVERT	GER 2000
26.61 SANDRA KAZIKOVA	30.73 KAORU ONO	JPN 1998	28.72 SHELLY JOHNSTON	USA 2006
26.68 SARA SHAND	30.80 DIANE GRANER	USA 1989	28.73 AIMEE RAMM	GBR 2008
26.82 HEATHER HAGEMAN	31.05 PAMELA HANSON	USA 2005	28.79 ROSEMARIE SEAMAN	USA 1987
26.89 ANTJE WIPPICH	31.06 PAULA RIBEIRO	BRA 2009	28.81 MAYU MURAKAMI	JPN 2008
26.94 FLORENCIA SZIGETI	31.10 MARIA HIRSCH	GER 2009	28.81 HITOMI MATSUDA	JPN 2006
26.96 MONICA BENVENUTI	31.14 HELEN SLATTER	GBR 1996	28.82 ANNA PETTIS-SCOTT	USA 1992
26.99 PETRA MARTIN	31.14 MARIA RIVERA	VEN 2002	100 M. FLY	
100 M. FREE	100 M. BACK		1:01.04 RACHEL KOMISARZ	USA 2001
56.87 TATIANA BARBOSA	1:04.82 AKIKO MIZUMOTO	JPN 2007	1:03.18 SHELLY JOHNSTON	USA 2006
57.71 AIMEE RAMM	1:04.88 KANA OHASHI	JPN 2007	1:03.29 HITOMI MATSUDA	JPN 2006
57.76 SHEILA TAORMINA	1:05.02 ALISON SHEPPARD	GBR 1998	1:03.47 MAYU MURAKAMI	JPN 2008
58.22 ALISON SHEPPARD	1:05.78 ELENA PYATOVA	RUS 2008	1:03.67 SHEILA TAORMINA	USA 1995
58.23 SARA SHAND	1:06.13 KAORU ONO	JPN 1998	1:03.89 JENNIFER BROOKS	USA 2003
58.59 HITOMI MATSUDA	1:06.37 LIA OBERSTAR	USA 2004	1:03.91 ROSEMARIE SEAMAN	USA 1987
58.65 CAROLINE KILIAN	1:06.46 MONIQUE RODAHL	NZL 1989	1:03.95 AIMEE RAMM	GBR 2008
58.72 MONICA BENVENUTI	1:07.13 PAMELA HANSON	USA 2005	1:03.98 MONIQUE RODAHL	NZL 1989
58.75 KATATIN QUELENNEC	1:07.18 LAUREN MORELLI	USA 2006	1:04.17 C.SIEVERT	GER 2000
58.82 FLORENCIA SZIGETI	1:07.19 DILETTA LUGANO	ITA 2009	200 M. FLY	
200 M. FREE	200 M. BACK		2:16.82 KIM VAN KRUYSSSEN	BEL 2000
2:02.06 SHEILA TAORMINA	2:17.30 KANA OHASHI	JPN 2007	2:17.51 SHEILA TAORMINA	USA 1996
2:02.44 RACHEL KOMISARZ	2:19.97 DIANE GRANER	USA 1989	2:18.69 S.PALMERWHITE	AUS 1992
2:06.37 KIM VAN KRUYSSSEN	2:20.76 MONIQUE RODAHL	NZL 1989	2:18.80 CHIZUKO UMIGUCHI	JPN 1997
2:06.40 NADINE REICHERT	2:20.88 ALISON SHEPPARD	GBR 1998	2:20.72 HELEN SLATTER	GBR 1996
2:06.81 HITOMI MATSUDA	2:22.41 LIA OBERSTAR	USA 2004	2:21.27 HITOMI MATSUDA	JPN 2006
2:07.11 SARA L SHAND	2:24.15 PAMELA HANSON	USA 2005	2:22.10 ERIKO KATO	JPN 2009
2:07.14 SHARRON DAVIES	2:25.98 J.ADAMS	GBR 1987	2:22.42 JUNE FORD	USA 1987
2:08.02 TATIANA BARBOSA	2:26.27 C.GIBSON	CAN 1986	2:23.87 MAYU MURAKAMI	JPN 2008
2:08.44 LYNNE BLOMBERG	2:26.55 DILETTA LUGANO	ITA 2009	2:24.36 SARA L SHAND	USA 1989
2:08.55 DIANE GRANER	2:26.62 MARTIE MC KINNEY	USA 1994	200 M. I.M.	
400 M. FREE	50 M. BRST		2:19.65 MARGOT JANDEL	GER 2003
4:13.03 SHEILA TAORMINA	32.01 S.SEMINATORE	ITA 1989	2:20.71 HITOMI MATSUDA	JPN 2005
4:16.31 RACHEL KOMISARZ	32.65 NICOLE HEIDEMANN	GER 2009	2:21.98 ALLISON WAGNER	USA 2005
4:23.81 NADINE REICHERT	32.79 MANUELA NACKEL	GER 2000	2:22.00 SHARRON DAVIES	GBR 1990
4:24.11 SILVIA VIDA	33.54 SILKE HORNER	GER 1994	2:22.89 MONIQUE RODAHL	NZL 1989
4:26.63 KIM VAN KRUYSSSEN	33.60 PETRA MARTIN	USA 2005	2:23.76 ALISON SHEPPARD	GBR 1998
4:27.53 SARA L SHAND	33.63 LAURA GLASS	USA 2009	2:24.99 ANDREA SIMAKOVA	CZE 2003
4:28.30 HITOMI MATSUDA	33.68 HITOMI MATSUDA	JPN 2006	2:25.36 MARIT BLOMER	GER 2009
4:30.24 CRISTINA TEUSCHER	33.88 BEATE STEINHOF	GER 1992	2:25.45 SARA L SHAND	USA 1989
4:30.54 S.PALMERWHITE	33.89 LAURA HOLT	USA 2008	2:25.64 PAMELA HANSON	USA 2005
4:31.02 MARY HOLMES	33.94 A.JANITZKI	GER 2009	400 M. I.M.	
800 M. FREE	100 M. BRST		5:02.78 HITOMI MATSUDA	JPN 2006
8:47.44 RACHEL KOMISARZ	1:12.09 BRIGITTE BECUE	BEL 2000	5:05.29 SHARRON DAVIES	GBR 1990
8:51.48 NADINE REICHERT	1:12.65 HITOMI MATSUDA	JPN 2006	5:06.34 SARA L SHAND	USA 1989
8:53.93 K.BISHOP	1:13.06 NICOLE HEIDEMANN	GER 2009	5:08.54 ERIKO KATO	JPN 2009
9:15.29 PAULA WOOD	1:13.15 MANUELA NACKEL	GER 1999	5:10.54 CRISTINA TEUSCHER	GBR 2004
9:17.09 MARIT BLOMER	1:13.19 KATIE HENDERSON	GBR 2009	5:11.02 S.PALMERWHITE	AUS 1992
9:18.43 SARA L SHAND	1:14.97 KATJA BRASCHOSS	GER 2006	5:11.68 ALLISON WAGNER	USA 2005
9:18.74 MARY HOLMES	1:15.01 A.JANITZKI	GER 2009	5:11.82 MARIT BLOEMER	GER 2009
9:18.78 JUDY FORD	1:15.22 LAURA GLASS	USA 2009	5:12.22 LYNNE BLOMBERG	USA 1989
9:22.57 BIANCA DE BRUIJN	1:15.28 SARA LARSSON	SWE 2009	5:12.46 KARLYN PIPES	USA 1987
9:24.22 MARY H ROEBUCK	1:15.31 CHARLOTTE MUSTARD	GBR 1996	*****	
1500 M. FREE	200 M. BRST		WOMEN 30-34	
16:39.77 RACHEL KOMISARZ	2:35.46 HITOMI MATSUDA	JPN 2006	*****	
17:26.88 PAULA WOOD	2:35.82 NICOLE HEIDEMANN	GER 2009	50 M. FREE	
17:27.96 SHEILA TAORMINA	2:37.68 KATIE HENDERSON	GBR 2009	25.74 MARTINA MORAVCOVA	USA 2009
17:38.09 S. PALMER-WHITE	2:38.22 KATJA BRASCHOSS	GER 2006	25.99 TONI JEFFS	NZL 2002
17:38.78 AMY POPE	2:42.02 SHARRON DAVIES	GBR 1990	26.18 KATRINA RADKE	USA 2004
17:41.64 LINDA GALLO	2:43.17 A.JANITZKI	GER 2009	26.25 ANGEL MARTINO	USA 2000
17:50.23 AMY LEPPING	2:43.89 CRISTINA TEUSCHER	GBR 2004	26.37 S.NEILSON-BELL	USA 1988
17:54.78 HITOMI MATSUDA	2:44.36 SUKI BROWNSDON	GBR 1991		



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

26.38	PEGGY GROSS	USA	2002	30.94	DIANE GALLAS	USA	1996	28.95	HITOMI MATSUDA	JPN	2007
26.59	PASCALE VERBAUWEN	BEL	1993	31.03	KIKKI MYHRBRO	NED	1994	29.10	ALEXA BROWN	AUS	2009
26.75	TRACIE MOLL	USA	1998	31.24	PASCALE VERBAUWEN	BEL	1996	29.15	ANNA LOHMANN	SWE	2009
26.94	DOMINIQUE DIEZI	USA	2008	31.47	KARLYN PIPES	USA	1994	100 M. FLY			
26.95	NADINE ROLLAND	CAN	2005	100 M. BACK				58.81	MARTINA MORAVCOVA	USA	2008
100 M. FREE				1:02.27	NORIKO INADA	USA	2009	1:00.03	ANGEL MARTINO	USA	2000
55.24	ERIKA ERNDL	USA	2009	1:03.78	SARABETH METZGER	USA	2009	1:01.79	HITOMI MATSUDA	JPN	2009
55.62	MARTINA MORAVCOVA	USA	2008	1:04.40	KANA OHASHI	JPN	2009	1:03.93	TRACIE MOLL	USA	1998
57.09	ANGEL MARTINO	USA	2000	1:05.42	DIANE GALLAS	USA	1996	1:04.08	LAURA BIANZANI	ITA	2004
58.01	PASCALE VERBAUWEN	BEL	1993	1:05.54	K.PIPES-NEILSEN	USA	1996	1:04.43	K.PIPES-NEILSEN	USA	1996
58.09	S.NEILSON-BELL	USA	1988	1:07.13	M.RIVERA	VEN	2004	1:04.51	NADINE ROLLAND	CAN	2005
58.38	TRACIE MOLL	USA	1998	1:07.34	PASCALE VERBAUWEN	BEL	1996	1:04.67	SARABETH METZGER	USA	2009
58.87	DOMINIQUE DIEZI	USA	2008	1:07.63	JOANNA CORBEN	GBR	2002	1:04.80	PASCALE VERBAUWEN	BEL	1996
58.90	HITOMI MATSUDA	JPN	2008	1:07.97	MARTIE MC KINNEY	USA	1995	1:05.33	EVGUENIA OJOGUINA	RUS	1999
58.95	KARIN SEICK	GER	1994	1:08.01	NAHOMI SHIRATA	JPN	2006	200 M. FLY			
59.02	K.PIPES-NEILSEN	USA	1996	200 M. BACK				2:13.60	METTE JACOBSEN	DEN	2006
200 M. FREE				2:17.61	SARABETH METZGER	USA	2009	2:20.07	EVGUENIA OJOGUINA	RUS	1999
2:04.62	HITOMI MATSUDA	JPN	2009	2:17.73	K.PIPES-NEILSEN	USA	1996	2:20.12	K PIPES-NEILSEN	USA	1996
2:06.80	K.PIPES-NEILSEN	USA	1996	2:18.26	KANA OHASHI	JPN	2009	2:21.46	LAURA BIANZANI	ITA	2004
2:07.84	BETH KNIGHT	USA	1989	2:21.26	DIANE GALLAS	USA	1996	2:21.50	HITOMI MATSUDA	JPN	2007
2:07.87	KATJA TROSIEN	GER	2007	2:22.52	JOANNA CORBEN	GBR	2002	2:22.57	HIDEKA KOSHIMIZU	JPN	1995
2:08.26	ANGEL MARTINO	USA	2000	2:23.47	DAPHNE FUCHS	GER	1993	2:23.26	MARTIE MC KINNEY	USA	1995
2:08.29	KIRSTEN CAMERON	NZL	2007	2:24.09	JO SWATTON	GBR	2001	2:23.35	MELISSA VARLAS	USA	2005
2:09.12	LYNN MARSHALL	CAN	1992	2:25.67	GITTE RAAGAARD	DEN	2004	2:24.34	SANDIE EASTON	USA	2002
2:09.14	NADINE DAY	USA	2004	2:26.99	ZENA HERRMANN	USA	1992	2:25.18	NADINE DAY	USA	2004
2:09.46	ARLETTE ALEXANDER	GER	2009	2:27.63	ORIANA BURGIO	ITA	2009	200 M. I.M.			
2:09.68	TRACIE MOLL	USA	1998	50 M. BRST				2:13.89	ERIKA ERNDL	USA	2009
400 M. FREE				32.42	HITOMI MATSUDA	JPN	2009	2:19.43	HITOMI MATSUDA	JPN	2009
4:25.60	HITOMI MATSUDA	JPN	2008	32.77	YUKO SAKAGUCHI	JPN	2009	2:23.12	K.PIPES-NEILSEN	USA	1996
4:27.11	KIRSTEN CAMERON	NZL	2007	33.20	KATIE MCCLELLAND	USA	2008	2:23.50	SARABETH METZGER	USA	2009
4:28.76	K PIPES-NEILSEN	USA	1996	33.66	ISABEL FIGUEIRA	POR	2009	2:24.12	NADINE DAY	USA	2004
4:30.38	BETH L KNIGHT	USA	1991	33.84	WENKE HANSEN	USA	1999	2:25.90	WENKE HANSEN	USA	2000
4:31.93	SUSAN PORTER	USA	1994	34.33	SILVA PULFRICH	GER	2009	2:26.17	YVETTA HLAVACOVA	CZE	2005
4:32.52	LISA HAZEN	USA	1995	34.41	FIONA MARSHALL	GBR	2009	2:26.41	HIDEKA KOSHIMIZU	JPN	1995
4:33.02	HEIDI GEORGE	USA	2009	34.46	S.HORNER-SCHUCK	GER	1995	2:27.01	HIDEKO HIRANAKA	JPN	2003
4:33.08	SUSAN PAMELIA	USA	1986	34.48	KYLA STEENHART	NZL	2008	2:28.27	SARAH GARRETT	GBR	1996
4:33.22	LYNN MARSHALL	CAN	1992	34.56	JANA HEIDEMANN	GER	2002	400 M. I.M.			
4:33.93	KATJA TROSIEN	GER	2007	100 M. BRST				4:56.08	HITOMI MATSUDA	JPN	2009
800 M. FREE				1:10.10	HITOMI MATSUDA	JPN	2009	5:03.97	K.PIPES-NEILSEN	USA	1996
9:13.22	KIRSTEN CAMERON	NZL	2007	1:13.29	KATIE MCCLELLAND	USA	2008	5:05.05	HIDEKA KOSHIMIZU	JPN	1995
9:16.82	LYNN MARSHALL	CAN	1992	1:14.53	WENKE HANSEN	USA	1999	5:09.93	NADINE DAY	USA	2004
9:17.54	YVETTA HLAVACOVA	CZE	2005	1:14.95	ISABEL FIGUEIRA	POR	2009	5:11.39	KAREN BURTON	USA	1992
9:19.96	SUSAN PORTER	USA	1994	1:15.18	YUKO SAKAGUCHI	JPN	2009	5:13.97	SUSAN PORTER	USA	1994
9:20.20	BETH L KNIGHT	USA	1991	1:15.45	NADINE DAY	USA	2004	5:15.13	SANDIE EASTON	USA	2002
9:22.56	DAWN HECKMAN	USA	2008	1:15.50	CYNTHIA LEWIN	USA	2009	5:17.33	LAUREN WELTING	USA	1999
9:22.73	KAREN BURTON	USA	1996	1:15.56	KYLA STEENHART	GBR	2008	5:17.34	KATHERINE VEALE	GBR	2000
9:24.66	KARLYN PIPES	USA	1995	1:15.62	KAREN JACKSON	GBR	2004	5:17.90	MIEKE SMET	BEL	2004
9:24.87	MARY ROEBUCK	USA	1994	1:16.21	S.HORNER-SCHUCK	GER	1995	*****			
9:25.74	CRISTINA SOSSI	ITA	2004	200 M. BRST				*****			
1500 M. FREE				2:28.93	HITOMI MATSUDA	JPN	2009	*****			
17:11.25	HEIDI GEORGE	USA	2009	2:41.51	WENKE HANSEN	USA	1999	*****			
17:32.48	DAWN HECKMAN	USA	2008	2:41.63	KATIE MCCLELLAND	USA	2008	50 M. FREE			
17:38.70	KAREN BURTON	USA	1996	2:44.61	CYNTHIA LEWIN	USA	2009	25.98	DARA TORRES	USA	2006
17:43.52	KIRSTEN CAMERON	NZL	2007	2:45.20	KYLA STEENHART	NZL	2008	26.53	EDITH OTTERMANN	RSA	2004
17:48.44	K.PIPES-NEILSEN	USA	1996	2:45.80	KAREN JACKSON	GBR	2004	26.66	TRACIE MOLL	USA	1999
17:48.60	LISA HAZEN	USA	1996	2:46.81	HIDEKA KOSHIMIZU	JPN	1995	26.68	S.NEILSON-BELL	USA	1996
17:53.28	HITOMI MATSUDA	JPN	2007	2:46.92	ISABEL FIGUEIRA	POR	2009	26.85	PEGGY GROSS	USA	2004
17:55.58	BETH L KNIGHT	USA	1991	2:47.73	CAROLINE MATHIAS	FRA	2006	27.09	SHERI HART	USA	2006
18:02.01	AMY POPE	USA	1991	2:47.81	MARIT BREITFELD	GER	2009	27.09	M DRUECKHAMMER	USA	2002
18:04.42	SUSAN PAMELIA	USA	1986	50 M. FLY				27.14	MELINDA MAROSI	HUN	2005
50 M. BACK				27.48	MARTINA MORAVCOVA	USA	2009	27.16	BETH KNIGHT	USA	1994
28.95	MAI NAKAMURA	JPN	2009	27.59	ANGEL MARTINO	USA	2000	27.18	MEGAN OESTING	USA	2009
29.15	NORIKO INADA	USA	2008	27.73	NADINE ROLLAND	CAN	2008	100 M. FREE			
29.55	MARTINA MORAVCOVA	USA	2009	28.38	MABI TSUKIOKA	JPN	2009	58.87	S.NEILSON-BELL	USA	1995
29.70	KANA OHASHI	JPN	2009	28.72	E.BELLINGER	GBR	2008	58.94	BETH KNIGHT	USA	1994
30.45	NADINE ROLLAND	CAN	2008	28.77	TRACIE MOLL	USA	1998	59.16	SHERI HART	USA	2006
30.82	NAHOMI SHIRATA	JPN	2006	28.82	JUNKO ONISHI	JPN	2006	59.20	TRACIE MOLL	USA	1999



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

59.21	K.PIPES-NEILSEN	USA	1997	1:08.11	MARIANNE KRIEL	RSA	2006	1:05.02	PEGGY GROSS	USA	2004	
59.26	MEGAN OESTING	USA	2009	1:08.34	GISELI PEREIRA	BRA	2009	1:05.39	SUSAN HALFACRE	USA	1988	
59.29	M DRUECKHAMMER	USA	2002	1:08.45	SILVIA PAROCCHI	ITA	2003	1:05.87	PASCALE VERBAUWEN	BEL	1998	
59.47	MELINDA MAROSI	HUN	2005	1:08.49	ZENA HERRMANN	USA	1994	1:05.90	SILVIA PAROCCHI	ITA	2005	
59.48	PEGGY GROSS	USA	2004	1:08.98	JUDITH LALLIER	USA	1995	200 M.	FLY			
59.53	SHEILA TAORMINA	USA	2006		200 M. BACK			2:20.21	K.PIPES-NEILSEN	USA	1997	
	200 M. FREE			2:18.20	K.PIPES-NEILSEN	USA	1997	2:26.36	SHEILA TAORMINA	USA	2006	
2:06.62	K PIPES-NEILSEN	USA	1998	2:22.07	JODY SMITH	USA	2008	2:26.38	LAURA B VAL	USA	1989	
2:07.64	SHEILA TAORMINA	USA	2006	2:22.92	SHERI HART	USA	2006	2:26.71	KRISTINA ULVELING	USA	2008	
2:08.71	TRACIE MOLL	USA	1999	2:23.47	JOANNA CORBEN	GBR	2005	2:27.21	NICOLA LATTY	GBR	2007	
2:08.75	KIRSTEN CAMERON	NZL	2009	2:24.52	PASCALE VERBAUWEN	BEL	1998	2:27.36	ANA PAULA GRILO	POR	2006	
2:08.93	BETH KNIGHT	USA	1994	2:26.32	TERRY RADAM	USA	2000	2:27.55	DEBBIE YOUNGER	CAN	2005	
2:09.33	SUSAN HALFACRE	USA	1988	2:26.44	SILVIA PAROCCHI	ITA	2003	2:27.70	EVGENIYA OZHOGINA	RUS	2004	
2:09.70	MELANIA BUSSIÈRE	CAN	2008	2:26.66	ZENA HERRMANN	USA	1994	2:27.73	NADINE DAY	USA	2007	
2:10.14	LAUREEN WELTING	USA	2001	2:28.37	JUDITH LALLIER	USA	1995	2:29.00	BETH BAKER	USA	2000	
2:10.28	JILL HERNANDEZ	USA	1999	2:28.93	K.WULFF-HOPPE	GER	2003	200 M.	I.M.			
2:10.77	ANA PAULA GRILO	POR	2006	50 M.	BRST			2:22.42	K.PIPES-NEILSEN	USA	1997	
	400 M. FREE			33.64	SYLVIA GERASCH	GER	2004	2:28.07	CAROLINE KRATTLI	USA	2001	
4:25.68	KIRSTEN CAMERON	NZL	2009	33.91	CAROLINE KRATTLI	USA	2001	2:28.83	SILVIA PAROCCHI	ITA	2004	
4:26.17	K.PIPES-NEILSEN	USA	1997	34.36	KELLY LEGASPI	USA	2009	2:28.93	JUDITH LALLIER	USA	1994	
4:31.35	BETH KNIGHT	USA	1994	34.41	L.WETZEL-OSBORNE	USA	1989	2:28.97	KATHERINE VEALE	GBR	2001	
4:32.57	SHEILA TAORMINA	USA	2006	34.70	S.SEMINATORE	ITA	2003	2:29.17	KARIN SEICK	GER	1996	
4:33.08	SUSAN HALFACRE	USA	1988	34.78	SABINA VITALONI	ITA	2009	2:29.18	NADINE DAY	USA	2006	
4:34.20	SUSAN PAMELIA	USA	1987	34.87	DAGMAR HILBIG	GER	1993	2:29.30	JILL HERNANDEZ	USA	1999	
4:35.19	VALERIA VERGANI	ITA	2006	34.88	P.BRULHART N'DULA	SUI	2003	2:30.00	DEBBIE YOUNGER	CAN	2005	
4:35.74	ANA PAULA GRILO	POR	2006	34.92	ANNETT REX	GER	2005	2:31.13	JENNIFER RIDGE	USA	2006	
4:35.89	JACQUI ROBINSON	AUS	2008	35.03	MANAMI HAKAWA	JPN	2009	400 M.	I.M.			
4:37.09	LAUREEN WELTING	USA	2001	100 M.	BRST			5:02.67	K PIPES-NEILSEN	USA	1998	
	800 M. FREE			1:13.81	CAROLINE KRATTLI	USA	2001	5:15.05	LAUREEN WELTING	USA	2001	
9:05.15	KIRSTEN CAMERON	NZL	2009	1:15.11	S VON DER LIPPE	USA	2004	5:16.83	NADINE DAY	USA	2007	
9:13.49	SHEILA TAORMINA	USA	2006	1:15.36	SYLVIA GERASCH	GER	2004	5:18.43	JILL HERNANDEZ	USA	1999	
9:16.20	K.PIPES-NEILSEN	USA	1997	1:15.65	KELLY LEGASPI	USA	2009	5:19.77	KATHERINE VEALE	GBR	2001	
9:20.62	BETH KNIGHT	USA	1994	1:17.34	ANNETT REX	GER	2004	5:22.15	K.WULFF-HOPPE	GER	2003	
9:24.54	SUSAN HALFACRE	USA	1988	1:17.44	L.WETZEL-OSBORNE	USA	1990	5:22.50	ANA PAULA GRILO	POR	2006	
9:25.54	PENNY BOND	AUS	1998	1:17.84	PATRICIA BRULHART	SUI	2005	5:24.81	JUNE FORD	USA	1997	
9:26.17	JACQUI ROBINSON	AUS	2008	1:18.00	DAGMAR HILBIG	GER	1993	5:24.93	LYNN MARSHALL	CAN	1996	
9:27.70	VALERIA VERGANI	ITA	2006	1:18.08	NADINE DAY	USA	2006	5:25.33	JOANNA CORBEN	GBR	2005	
9:29.55	JILL HERNANDEZ	USA	1999	1:18.76	MO CHARLES	FRA	1998					
9:30.91	ANA PAULA GRILO	POR	2006		200 M. BRST			*****				
	1500 M. FREE			2:41.76	CAROLINE KRATTLI	USA	2001		WOMEN 40-44			
17:33.46	KIRSTEN CAMERON	NZL	2009	2:46.73	KELLY LEGASPI	USA	2009	*****				
17:46.58	K PIPES-NEILSEN	USA	2000	2:47.19	SYLVIA GERASCH	GER	2004		50 M. FREE			
17:59.12	BETH KNIGHT	USA	1994	2:47.95	ANNETT REX	GER	2004	26.44	EDITH OTTERMANN	RSA	2009	
18:07.43	LYNN MARSHALL	CAN	1996	2:49.48	MARZENA KULIS	ITA	2002	26.88	MARIA DOELGER	USA	2003	
18:09.36	LISA HAZEN	USA	1999	2:49.61	R.PESCATORI	USA	2006	26.95	JUNKO NAKANO	JPN	2008	
18:12.11	SUSAN PAMELIA	USA	1987	2:50.66	DAGMAR HILBIG	GER	1996	26.97	ELIZABETH EMERY	USA	2002	
18:13.21	ALISON ZAMANIAN	USA	2008	2:51.94	NADINE DAY	USA	2007	27.18	JENNIE BUCKNELL	AUS	2009	
18:17.10	VALERIA VERGANI	ITA	2006	2:52.25	K.PIPES-NEILSEN	USA	1997	27.28	ANN WORTHINGTON	USA	2006	
18:17.72	LAURIE DODD	USA	2008	2:52.40	DEA ANN JOSLIN	USA	1994	27.39	S.NEILSON-BELL	USA	1996	
18:25.65	N.MUIR-COCHRANE	GBR	2000	50 M.	FLY			27.56	BARBARA GELLRICH	GER	2003	
	50 M. BACK			28.03	LYNNE HAYES	AUS	2009	27.58	FALL WILLEBOORDSE	USA	2009	
	30.40	SHERI HART	USA	2006	28.32	TRACIE MOLL	USA	1999	27.60	JENNIFER WILLIS	USA	2008
	31.27	PASCALE VERBAUWEN	BEL	2001	28.73	PASCALE VERBAUWEN	BEL	2001	100 M. FREE			
	31.28	CINDY MABEE	CAN	2008	28.75	KRISTINA ULVELING	USA	2009	58.43	MARIA DOELGER	USA	2003
	31.31	K PIPES-NEILSEN	USA	1999	29.09	MELANIA BUSSIÈRE	CAN	2008	59.13	ELIZABETH EMERY	USA	2002
	31.58	MARIANNE KRIEL	RSA	2006	29.27	SUSAN HALFACRE	USA	1988	59.59	K PIPES-NEILSEN	USA	2004
	31.71	JODY SMITH	USA	2008	29.27	M DRUECKHAMMER	USA	2002	1:00.39	BEVERLEY MCCARNEY	RSA	2004
	31.86	GISELI PEREIRA	BRA	2008	29.28	KYOKO YAMADA	JPN	2009	1:00.40	S.VON DER LIPPE	USA	2009
	32.07	CSILLA CSIKANY	HUN	2006	29.29	SILVIA PAROCCHI	ITA	2004	1:00.41	FALL WILLEBOORDSE	USA	2009
	32.12	MONICA SORO	ITA	2005	29.38	DEBBIE YOUNGER	CAN	2005	1:00.63	S.NEILSON-BELL	USA	1996
	32.26	ANDREA LUALLEN	USA	2001	100 M.	FLY			1:00.73	KIMBERLY STEVENS	USA	2009
	100 M. BACK			1:02.44	LYNNE HAYES	AUS	2009	1:00.95	SILVIA PAROCCHI	ITA	2007	
1:05.41	K.PIPES-NEILSEN	USA	1997	1:03.52	MELANIA BUSSIÈRE	CAN	2008	1:01.02	DANIELA DEPONTI	ITA	2009	
1:06.04	SHERI HART	USA	2006	1:03.79	TRACIE MOLL	USA	1999	200 M.	FREE			
1:06.91	JODY SMITH	USA	2008	1:03.97	KRISTINA ULVELING	USA	2009	2:09.00	K PIPES-NEILSEN	USA	2003	
1:07.79	JOANNA CORBEN	GBR	2005	1:04.34	K PIPES-NEILSEN	USA	1998	2:10.50	S.VON DER LIPPE	USA	2007	
1:07.94	CINDY MABEE	CAN	2008	1:04.91	DEBBIE YOUNGER	CAN	2005	2:12.24	AMANDA PICARD	SUI	2008	



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

2:12.75	SUSANNE SIMPSON	USA	2002	2:28.36	KRISTIN GARY	USA	2008	2:29.81	BETH BAKER	USA	2001
2:13.09	JODY SMITH	USA	2009	2:30.17	ELLEN REYNOLDS	USA	2008	2:30.42	ANA PAULA GRILO	ESP	2009
2:13.10	JILL HERNANDEZ	USA	2000	2:31.28	LISA WARD	USA	2008	2:30.47	BIRGIT LOHBERG	USA	2007
2:13.38	C PETERSEN	USA	2004	2:31.34	LAURA SMITH	USA	2008	2:31.80	SANDIE EASTON	USA	2009
2:13.48	ANA PAULA GRILO	ESP	2009	2:31.66	BETH BAKER	USA	2001	2:32.14	S HEIM-BOWEN	USA	1999
2:13.53	LAUREEN WELTING	USA	2008	2:33.31	SALLY BELL	AUS	2005	200 M. I.M.			
2:13.55	SUSAN DOMBKOWSKI	USA	2006	50 M. BRST				2:25.03	S.VON DER LIPPE	USA	2007
400 M. FREE				33.25	S.VON DER LIPPE	USA	2006	2:25.38	K PIPES-NEILSEN	USA	2003
4:28.24	K PIPES-NEILSEN	USA	2002	33.79	CAROLINE KRATTLI	USA	2002	2:29.80	CAROLINE KRATTLI	USA	2002
4:34.33	AMANDA PICARD	SUI	2008	34.20	S.SEMINATORE	ITA	2004	2:30.89	ANA PAULA GRILO	ESP	2009
4:34.33	SUSAN PRESTON	USA	2006	34.97	DAGMAR HILBIG	GER	2000	2:30.96	JILL HERNANDEZ	USA	2000
4:35.74	PENNY PALFREY	AUS	2002	35.13	MARZENA KULIS	ITA	2008	2:31.45	ANGELA DELISSEN	GER	2009
4:36.26	SUSAN DOMBKOWSKI	USA	2006	35.46	KEIKO OKAMOTO	JPN	2009	2:31.84	MARZENA KULIS	ITA	2006
4:38.69	JILL HERNANDEZ	USA	2000	35.59	H.MORRIS-EYTON	RSA	2009	2:32.01	HELEN WHITFORD	AUS	2008
4:39.66	LISA HAZEN	USA	2006	35.69	MONICA CORO	ITA	2005	2:32.07	LAUREEN WELTING	USA	2008
4:39.82	S HEIM-BOWEN	USA	1999	35.71	JENNY WHITELEY	AUS	1999	2:32.95	SUSAN PRESTON	USA	2006
4:39.93	SUSANNE SIMPSON	USA	2004	35.74	K PIPES-NEILSEN	USA	2003	400 M. I.M.			
4:40.36	C PETERSEN	USA	2004	100 M. BRST				5:09.83	K PIPES-NEILSEN	USA	2004
800 M. FREE				1:13.34	S.VON DER LIPPE	USA	2006	5:21.32	JILL HERNANDEZ	USA	2000
9:21.75	K PIPES-NEILSEN	USA	2003	1:13.82	CAROLINE KRATTLI	USA	2002	5:21.87	MARZENA KULIS	ITA	2006
9:24.90	PENNY PALFREY	AUS	2002	1:14.90	MARZENA KULIS	ITA	2006	5:22.96	ANA PAULA GRILO	ESP	2009
9:25.95	SUSAN PRESTON	USA	2006	1:16.33	H.MORRIS-EYTON	RSA	2009	5:24.50	ANGELA DELISSEN	GER	2008
9:25.95	SUZAN HEIM-BOWEN	USA	2001	1:16.81	DAGMAR HILBIG	GER	2000	5:26.35	HELEN WHITFORD	AUS	2008
9:28.33	AMANDA PICARD	SUI	2008	1:17.27	S.SEMINATORE	ITA	2004	5:26.74	CAROLINE KRATTLI	USA	2002
9:31.64	JILL HERNANDEZ	USA	2000	1:18.57	DAGMAR FRESE	GER	1996	5:27.97	S.REIBEL-OBERLE	GER	2006
9:34.55	N.MUIR-COCHRANE	GBR	2004	1:18.62	MARIE CHARLES	FRA	2004	5:28.17	REBECCA PERROTT	NZL	2002
9:36.13	SUSAN DOMBKOWSKI	USA	2006	1:19.66	KEIKO OKAMOTO	JPN	2009	5:28.19	LAUREEN WELTING	USA	2007
9:39.53	C PETERSEN	USA	2004	1:19.82	MONICA CORO	ITA	2006				
9:41.72	LISA HAZEN	USA	2006	200 M. BRST				*****			
1500 M. FREE				2:38.44	S.VON DER LIPPE	USA	2006	WOMEN 45-49			
17:56.52	K PIPES-NEILSEN	USA	2003	2:42.06	CAROLINE KRATTLI	USA	2002	*****			
18:02.60	AMANDA PICARD	SUI	2008	2:43.17	MARZENA KULIS	ITA	2006	50 M. FREE			
18:14.34	SUZ HEIM-BOWEN	USA	1998	2:45.07	H.MORRIS-EYTON	RSA	2009	27.44	SUSAN WALSH	USA	2007
18:15.98	N.MUIR-COCHRANE	GBR	2004	2:49.95	KEIKO OKAMOTO	JPN	2009	27.76	BRIGITTE HEUER	USA	2006
18:25.26	JILL HERNANDEZ	USA	2000	2:49.95	DAGMAR HILBIG	GER	1999	27.78	BETH LUTZ KNIGHT	USA	2005
18:25.28	LYNN MARSHALL	CAN	2002	2:52.83	ANGELA DELISSEN	GER	2009	27.81	LISA DAHL	USA	2006
18:44.49	LESLEIGH MAYES	AUS	2001	2:53.47	MARIE CHARLES	FRA	2004	28.07	BERGER-TALOCCHINO	FRA	2002
18:50.58	DENISE BROWN	USA	2003	2:54.35	S.SEMINATORE	ITA	2005	28.20	SARAH MACDONALD	CAN	2005
18:50.80	ELENE KAY JONES	ITA	2005	2:54.47	JAN FOWLER	AUS	2002	28.23	K.PIPES-NEILSEN	FRA	2008
18:53.16	GALEN RINALDI	USA	2009	50 M. FLY				28.30	JACKI HIRSTY	USA	1998
50 M. BACK				28.52	S.VON DER LIPPE	USA	2009	28.35	STEFANIE NIEMIETZ	GER	2008
31.49	CINDY MABEE	CAN	2009	28.97	ELIZABETH EMERY	USA	2002	28.37	CATHY CODLING	AUS	2009
31.63	JODY SMITH	USA	2009	29.05	EDITH OTTERMANN	RSA	2009	100 M. FREE			
31.69	JUNKO NAKANO	JPN	2008	29.13	SILVIA PAROCCHI	ITA	2007	59.79	K.PIPES-NEILSEN	USA	2007
31.97	SYLVIE ALLERY	FRA	2009	29.29	MARIA DOELGER	USA	2003	1:00.16	SUSAN WALSH	USA	2007
31.99	BEVERLEY MCCARNEY	RSA	2004	29.35	K PIPES-NEILSEN	USA	2002	1:00.95	BETH LUTZ KNIGHT	USA	2005
32.14	FRANCA BOSISIO	ITA	2009	29.59	BETH BAKER	USA	2001	1:01.03	REBECCA PERROTT	NZL	2008
32.15	HELEN WHITFORD	AUS	2008	29.64	NATALIYA MATVEEVA	RUS	2007	1:01.39	SARAH MACDONALD	CAN	2005
32.19	K PIPES-NEILSEN	USA	2002	29.67	BEVERLEY MCCARNEY	RSA	2004	1:01.92	KATHY GARNIER	USA	2006
32.20	HIROKO NOGUCHI	JPN	2009	29.78	JENNIE BUCKNELL	AUS	2008	1:02.11	SUZANN HEIM-BOWEN	USA	2003
32.20	FALL WILLEBOORDSE	USA	2009	100 M. FLY				1:02.26	SUSANNA ROSEN	SWE	2009
100 M. BACK				1:03.36	S.VON DER LIPPE	USA	2009	1:02.33	ELENE KAY JONES	USA	2009
1:07.06	CINDY MABEE	CAN	2009	1:04.74	K PIPES-NEILSEN	USA	2003	1:02.34	BERGER-TALOCCHINO	FRA	2002
1:07.21	JODY SMITH	USA	2009	1:05.33	SILVIA PAROCCHI	ITA	2007	200 M. FREE			
1:07.69	K PIPES-NEILSEN	USA	2003	1:05.61	BETH BAKER	USA	2001	2:10.09	K.PIPES-NEILSEN	USA	2009
1:08.21	SYLVIE ALLERY	FRA	2009	1:05.80	BEVERLEY MCCARNEY	RSA	2004	2:12.76	BETH LUTZ KNIGHT	USA	2005
1:08.32	HELEN WHITFORD	AUS	2008	1:06.27	LAURA VAL	ITA	1992	2:13.17	SUZANN HEIM-BOWEN	USA	2003
1:08.33	KRISTIN GARY	USA	2008	1:06.40	MARZENA KULIS	ITA	2007	2:13.27	ELENE JONES	USA	2009
1:08.64	SILVIA PAROCCHI	ITA	2007	1:06.41	MARIA DOELGER	USA	2003	2:13.55	REBECCA PERROTT	NZL	2008
1:09.88	BETH BAKER	USA	2001	1:06.73	DANIELA DE PONTI	ITA	2006	2:13.85	JILL HERNANDEZ	USA	2005
1:09.97	LISA WARD	USA	2008	1:06.88	BARBARA GELLRICH	GER	2003	2:14.84	SUSANNE SIMPSON	USA	2005
1:10.11	FRANCA BOSISIO	ITA	2009	200 M. FLY				2:15.21	SUSANNA ROSEN	SWE	2009
200 M. BACK				2:24.77	K PIPES-NEILSEN	USA	2003	2:15.88	LYNN MARSHALL	CAN	2008
2:23.18	SILVIA PAROCCHI	ITA	2009	2:24.78	S.VON DER LIPPE	USA	2006	2:15.90	CLAUDIA KERN	GER	2009
2:23.18	JODY SMITH	USA	2009	2:25.15	SUSAN PRESTON	USA	2006	400 M. FREE			
2:23.64	K PIPES-NEILSEN	USA	2003	2:29.11	KAREN HIGGISON	AUS	2009	4:35.84	K.PIPES-NEILSEN	USA	2008
2:27.11	HELEN WHITFORD	AUS	2008	2:29.37	SUSANNE SIMPSON	USA	2002	4:37.74	ELENE JONES	USA	2009



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

4:39.20	SUZANN HEIM-BOWEN	USA	2003	35.12	ALBENA POPOVA	ITA	2009	2:34.10	CAROLINE KRATTLI	USA	2007
4:42.52	LYNN MARSHALL	CAN	2007	35.21	MONICA CORO	ITA	2009	2:35.13	LISA WARD	USA	2009
4:43.14	SUSANNE SIMPSON	USA	2008	35.60	KIM CROUCH	USA	2008	2:35.64	CECILIA STANFORD	RSA	2006
4:44.23	C.PETERSEN	USA	2009	35.99	JENNY WHITELEY	AUS	2003	2:35.74	COLETTE CRABBE	USA	2003
4:44.38	CLAUDIA KERN	GER	2009	36.08	K.PIPES-NEILSEN	USA	2007	2:36.75	S.REIBEL-OBERLE	GER	2009
4:45.57	JILL HERNANDEZ	USA	2005	36.42	S.SEMINATORE	ITA	2009	2:38.13	SHANE GOULD	AUS	2003
4:45.65	SUSANNA ROSEN	SWE	2009	36.59	ELKE SCHMITZ	GER	2009	400 M. I.M.			
4:46.14	MARGEE CURRAN	USA	2009	100 M. BRST				5:13.85	K.PIPES-NEILSEN	USA	2008
800 M. FREE				1:13.49	MARZENA KULIS	ITA	2009	5:27.67	JILL HERNANDEZ	USA	2005
9:24.11	K.PIPES-NEILSEN	USA	2007	1:15.65	CAROLINE KRATTLI	USA	2007	5:27.86	REBECCA PERROTT	NZL	2008
9:24.53	SUZANN HEIM-BOWEN	USA	2003	1:18.19	MAGGIE KELLY	GBR	2001	5:29.68	MARZENA KULIS	ITA	2009
9:36.86	ELENE JONES	USA	2008	1:18.26	MONICA CORO	ITA	2007	5:33.11	LYNN MARSHALL	CAN	2009
9:40.27	LYNN MARSHALL	CAN	2008	1:19.49	JENNY WHITELEY	AUS	2003	5:35.38	VIBEKE SWANSON	USA	2007
9:40.64	CLAUDIA KERN	GER	2009	1:20.89	K.PIPES-NEILSEN	USA	2009	5:37.68	COLETTE CRABBE	USA	2002
9:43.99	SUSANNA ROSEN	SWE	2009	1:20.99	CORRIN POPPS	USA	2009	5:39.29	CECILIA STANFORD	RSA	2008
9:45.99	REBECCA PERROTT	NZL	2008	1:21.15	ELKE SCHMITZ	GER	2009	5:40.83	NAOKO SHIDE	JPN	2009
9:46.88	SUSANNE SIMPSON	USA	2008	1:21.30	LISA WARD	USA	2009	5:42.21	RIEKO SHOJI	JPN	2009
9:47.56	MARGEE CURRAN	USA	2009	1:21.72	MELINDA MANN	USA	2002				
10:00.40	M.ELIAS-WILLIAMS	USA	2009	200 M. BRST				*****			
1500 M. FREE				2:40.42	MARZENA KULIS	ITA	2009	WOMEN 50-54			
17:55.83	SUZANN HEIM-BOWEN	USA	2003	2:45.20	CAROLINE KRATTLI	USA	2007	*****			
18:10.28	ELENE JONES	USA	2008	2:50.94	CLAUDIA KERN	GER	2009	50 M. FREE			
18:12.63	LYNN MARSHALL	CAN	2009	2:51.02	JUDIT HAJDU	AUT	2007	28.22	LAURA VAL	USA	2001
18:44.29	K.PIPES-NEILSEN	USA	2008	2:53.27	K.PIPES-NEILSEN	USA	2008	28.25	JENNY WHITELEY	AUS	2009
19:09.53	N.MUIR-COCHRANE	GBR	2009	2:54.49	MONICA CORO	ITA	2007	28.41	ANGELA ZINGLER	GER	2005
19:13.05	C.TARANTINO	ITA	2004	2:55.96	JENNY WHITELEY	AUS	2003	28.46	JACKI HIRSTY	USA	2003
19:13.68	ANDREA BLOCK	USA	2009	2:57.24	COLETTE CRABBE	USA	2001	28.77	J SWAGERTY-HILL	USA	2002
19:15.90	KAREN EINSIDLER	USA	2002	2:57.38	ULRIKE URBANIAK	GER	1998	28.85	ANN SENN	USA	2009
19:19.16	REBECCA PERROTT	NZL	2009	2:58.57	AMANDA HEATH	GBR	2004	28.99	BERGER TALOCHINO	FRA	2006
19:20.51	DENISE BROWN	USA	2008	50 M. FLY				29.07	BARBARA JONES	USA	2008
50 M. BACK				29.37	LAURIE DITOMMASO	USA	2009	29.11	SHANE GOULD	AUS	2008
31.71	VALERIE JENKINS	USA	2008	29.52	K.PIPES-NEILSEN	USA	2008	29.27	S.HEIM-BOWEN	USA	2008
31.85	SUSAN WALSH	USA	2007	29.57	LISA DAHL	USA	2009	100 M. FREE			
31.99	LESLIE LIVINGSTON	USA	2009	29.74	LESLIE LIVINGSTON	USA	2009	1:01.13	LAURA VAL	USA	2001
32.08	SHIZUKO HIRAISHI	JPN	2009	29.84	SUSAN WALSH	USA	2007	1:02.31	S.HEIM-BOWEN	USA	2008
32.10	K.PIPES-NEILSEN	USA	2007	29.89	SHIZUKO HIRAISHI	JPN	2008	1:02.95	SHANE GOULD	AUS	2008
32.65	VERA CAPKOVA	BEL	2006	30.01	LISA WARD	USA	2009	1:03.32	JENNY WHITELEY	AUS	2009
32.93	LAURA VAL	USA	1997	30.04	ARLENE DELMAGE	USA	2008	1:03.58	JACKI HIRSTY	USA	2003
33.18	KARIN SEICK	GER	2006	30.30	ANGELA ZINGLER	GER	2001	1:04.23	HEATHER CAMPBELL	NZL	2006
33.34	K.ANDRUS-HUGHES	USA	2006	30.40	ROBIN PARISI	USA	2002	1:04.81	K.ANDRUS-HUGHES	USA	2007
33.40	CATHY SHEEHAN	CAN	2005	100 M. FLY				1:05.02	ANGELA ZINGLER	GER	2004
100 M. BACK				1:05.69	K.PIPES-NEILSEN	USA	2008	1:05.14	LYNN MORRISON	USA	2006
1:08.11	K.PIPES-NEILSEN	USA	2009	1:06.42	ARLENE DELMAGE	USA	2008	1:05.18	ROBIN PARISI	USA	2004
1:09.66	SUSAN WALSH	USA	2007	1:07.30	JILL HERNANDEZ	USA	2005	200 M. FREE			
1:11.18	VERA CAPKOVA	BEL	2006	1:07.62	SHIZUKO HIRAISHI	JPN	2008	2:15.00	S.HEIM-BOWEN	USA	2008
1:11.34	LISA WARD	USA	2009	1:08.02	LAURA VAL	USA	1998	2:15.37	LAURA VAL	USA	2001
1:11.68	SALLY BELL	AUS	2007	1:08.09	MARZENA KULIS	ITA	2009	2:16.52	JENNY WHITELEY	AUS	2009
1:11.87	VIBEKE SWANSON	USA	2007	1:08.56	SUSANNE SIMPSON	USA	2005	2:17.81	SHANE GOULD	AUS	2008
1:12.69	LESLEY WILDE	GBR	2004	1:08.77	ANDREA BLOCK	USA	2006	2:22.18	JACKI HIRSTY	USA	2003
1:12.70	LAURA VAL	USA	1997	1:08.95	SHANE GOULD	JPN	2005	2:22.85	DANIELLE OGIER	USA	2002
1:12.90	VALERIE JENKINS	USA	2008	1:08.96	JUDY HATTLE	GBR	2005	2:22.88	JEANNE CARLSEN	CAN	2008
1:13.00	SHEILA STOLARSKI	USA	2009	200 M. FLY				2:23.39	AHELEE SUE OSBORN	USA	2009
200 M. BACK				2:24.34	K.PIPES-NEILSEN	USA	2009	2:23.62	ATIE PIJTAK	NED	2008
2:26.06	K.PIPES-NEILSEN	USA	2009	2:31.37	LAURA VAL	USA	1998	2:23.66	H.CAMPBELL	RSA	2008
2:31.93	LISA WARD	USA	2009	2:32.07	SUSANNE SIMPSON	USA	2006	400 M. FREE			
2:33.51	SALLY BELL	AUS	2007	2:32.59	S. PALMER-WHITE	AUS	2009	4:42.37	S.HEIM-BOWEN	USA	2008
2:34.80	SUSAN WALSH	USA	2007	2:33.37	LYNN MARSHALL	CAN	2006	4:47.93	LAURA VAL	USA	2002
2:36.03	LESLEY WILDE	GBR	2004	2:34.05	ANDREA BLOCK	USA	2006	4:50.37	JENNY WHITELEY	AUS	2008
2:36.19	NAOKO SHIDE	JPN	2009	2:35.32	ARLENE DELMAGE	USA	2007	4:51.73	SHANE GOULD	AUS	2008
2:38.04	PATTY LANDERS	USA	2001	2:35.38	ROBIN KLESTINEC	USA	2006	4:57.19	JEANNE CARLSEN	CAN	2008
2:38.21	SHEILA STOLARSKI	USA	2009	2:37.84	CYNTHIA PINCOTT	CAN	2007	4:57.20	DENISE BROWN	USA	2009
2:38.24	C.PETERSEN	USA	2009	2:37.84	COLETTE CRABBE	USA	2005	4:58.64	JENNY COOK	USA	2008
2:38.38	LYNN MARSHALL	CAN	2008	200 M. I.M.				4:59.43	JACKI HIRSTY	USA	2003
50 M. BRST				2:27.57	K.PIPES-NEILSEN	USA	2008	5:00.65	CELESTE MILLER	USA	2000
33.98	CAROLINE KRATTLI	USA	2007	2:31.88	MARZENA KULIS	ITA	2009	5:01.06	AHELEE SUE OSBORN	USA	2008
34.05	MARZENA KULIS	ITA	2009	2:31.95	REBECCA PERROTT	NZL	2008	800 M. FREE			
34.74	MAGGIE KELLY	GBR	2001	2:32.46	JILL HERNANDEZ	USA	2005	9:48.81	S.HEIM-BOWEN	USA	2008



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

9:52.55	LAURA VAL	USA	2002	1:23.21	MELINDA MANN	USA	2009	5:49.58	DANIELLE OGIER	USA	2002
10:05.87	JEANNE CARLSEN	CAN	2008	1:23.47	DAGMAR FRESE	GER	2006	5:50.27	JEANNE CARLSEN	CAN	2008
10:10.11	JENNY WHITELEY	AUS	2008	1:23.67	AVILA RHODES	CAN	2006	5:53.27	MARGUERITE MEYER	USA	2009
10:14.15	C.TARANTINO	ITA	2005	1:24.69	PETRA SCHROER	GER	2003	5:53.85	LAURA VACA	MEX	2004
10:14.16	DENISE BROWN	USA	2009	1:24.78	JENNY COOK	USA	2009	5:54.69	S.HEIM-BOWEN	USA	2008
10:17.70	CELESTE MILLER	USA	2000	1:24.83	AMANDA HEATH	GBR	2008	5:56.31	ESTHER ISEPPI	SUI	2009
10:19.65	JENNY COOK	USA	2008	1:24.90	COKIE LEPINSKI	USA	2009	5:59.83	COLETTE CRABBE	USA	2007
10:21.14	JACKI HIRSTY	USA	2003	1:25.35	ULRIKE URBANIAK	GER	2004				
10:22.42	LAURA VACA	MEX	2004	200 M. BRST							
1500 M. FREE				2:55.15	JENNY WHITELEY	AUS	2008				
18:32.76	S.HEIM-BOWEN	USA	2008	2:57.58	JAN CLARKSON	AUS	2008				
19:08.69	LAURA VAL	USA	2001	3:02.47	AMANDA HEATH	GBR	2009				
19:19.98	DENISE BROWN	USA	2009	3:03.23	ULRIKE URBANIAK	GER	2004	50 M. FREE			
19:31.22	JEANNE CARLSEN	CAN	2008	3:04.41	JENNIFER MERRITT	GBR	2002	28.69	LAURA VAL	USA	2008
19:37.26	JENNY WHITELEY	AUS	2008	3:04.42	DAGMAR FRESE	GER	2006	29.36	HEATHER CAMPBELL	NZL	2008
19:39.40	C.TARANTINO	ITA	2005	3:04.42	AVILA RHODES	CAN	2006	29.46	PAT SARGEANT	USA	2008
19:40.24	BARBARA DUNBAR	USA	2002	3:04.47	JENNY COOK	USA	2008	29.87	CHERYL GOMMERS	AUS	2003
19:41.55	SHANE GOULD	AUS	2008	3:05.84	JENNY COOK	USA	2008	29.97	REGULA STEIGER	SUI	2009
19:56.67	MARGUERITE MEYER	USA	2009	3:06.11	FRANCES PENWARDEN	GBR	2005	30.03	CONNIE BOER-BUIJS	NED	2005
20:03.91	LIZ WEBB	RSA	2009	3:08.23	IRINA SHANGINA	RUS	2006	30.12	LYNN MORRISON	USA	2009
50 M. BACK				50 M. FLY				30.33	JUDY WILSON	GBR	2000
32.87	J SWAGERTY-HILL	USA	2002	30.24	ANGELA ZINGLER	GER	2004	30.43	COLYN TUCKER	USA	2006
33.26	K.ANDRUS-HUGHES	USA	2007	30.71	JUDY OLIVER	CAN	1985	30.56	CHARLOTTE DAVIS	USA	2006
33.45	BONNIE BILICH	USA	2009	30.72	LAURA VAL	USA	2001	100 M. FREE			
33.67	KAREN HUMPHREYS	USA	2005	31.16	HARUMI SUGINUMA	JPN	2009	1:02.02	LAURA VAL	USA	2008
33.67	LAURA VAL	USA	2002	31.16	JENNY WHITELEY	AUS	2008	1:03.99	HEATHER CAMPBELL	NZL	2008
34.36	ANGELA ZINGLER	GER	2004	31.50	MELINDA MANN	USA	2006	1:05.78	LYNN MORRISON	USA	2009
34.37	AROMA MARTORELL	BRA	2009	31.59	KAREN STAURSKY	USA	2008	1:06.40	CONNIE BOER-BUIJS	NED	2009
34.44	JENNY WHITELEY	AUS	2009	31.59	JOEL FELDMANN	USA	2002	1:06.66	PAT SARGEANT	USA	2008
34.49	KAYO MIZUI	JPN	2009	31.68	SACHIKO SAITO	JPN	2007	1:07.15	CHARLOTTE DAVIS	USA	2006
34.87	SATOKO TAKEUJI	JPN	1992	31.69	ARDETH MUELLER	USA	1993	1:07.99	CAROLYN BATTIN	USA	2009
100 M. BACK				100 M. FLY				1:08.08	SANDERINA KRUGER	RSA	2004
1:13.55	K.ANDRUS-HUGHES	USA	2008	1:07.81	LAURA VAL	USA	2001	1:08.16	ROSARIO VIVANCO	PER	2008
1:13.76	BONNIE BILICH	USA	2009	1:10.79	S.HEIM-BOWEN	USA	2008	1:08.41	LO KNAPP	USA	2009
1:14.19	KAREN HUMPHREYS	USA	2005	1:11.08	MELINDA MANN	USA	2006	200 M. FREE			
1:14.44	J SWAGERTY-HILL	USA	2002	1:11.61	ANGELA ZINGLER	GER	2006	2:16.28	LAURA VAL	USA	2009
1:14.63	LAURA VAL	USA	2001	1:11.89	JENNY WHITELEY	AUS	2008	2:24.47	N.STEADMAN-MARTIN	USA	2009
1:15.70	AHELEE SUE OSBORN	USA	2008	1:12.17	HARUMI SUGINUMA	JPN	2007	2:26.28	LO KNAPP	USA	2009
1:15.98	PATTY LANDERS	USA	2006	1:12.24	ROBIN PARISI	USA	2004	2:26.43	HEATHER CAMPBELL	NZL	2008
1:16.59	EVIE LYNCH	USA	2005	1:12.61	MATHILDE VINK	NED	2009	2:27.49	PAT SARGEANT	USA	2008
1:16.93	BARB GUNDRED	USA	2001	1:12.94	CHARLENE O'BRIEN	USA	2006	2:28.56	BARBARA DUNBAR	USA	2004
1:16.95	KAREN EINSIDLER	USA	2006	1:13.86	ARDETH MUELLER	USA	1993	2:28.93	CONNIE BOER-BUIJS	NED	2009
200 M. BACK				200 M. FLY				2:29.54	CAROLYN BATTIN	USA	2009
2:39.40	BONNIE BILICH	USA	2009	2:31.55	LAURA VAL	USA	2001	2:30.36	LYNN MORRISON	USA	2009
2:42.91	AHELEE SUE OSBORN	USA	2009	2:43.11	JENNY COOK	USA	2008	2:31.34	ROSARIO VIVANCO	PER	2004
2:43.14	PATTY LANDERS	USA	2006	2:44.93	BARBARA DUNBAR	USA	1999	400 M. FREE			
2:45.00	C.TARANTINO	ITA	2005	2:46.47	JENNY WHITELEY	AUS	2009	4:50.13	LAURA VAL	USA	2009
2:45.51	K.ANDRUS-HUGHES	USA	2009	2:46.59	MATHILDE VINK	NED	2009	5:04.48	N.STEADMAN-MARTIN	USA	2009
2:46.32	DEBBIE CAVANAUGH	USA	2008	2:47.61	A.NIESPODZIANA	POL	2008	5:08.91	BARBARA DUNBAR	USA	2004
2:46.81	LAURA VAL	USA	2002	2:48.27	JEANNE CARLSEN	CAN	2008	5:09.03	CHRISTIE CIRAULO	USA	2008
2:47.52	BARBARA GUNDRED	USA	2002	2:48.97	JILL JONES	GBR	2007	5:17.77	CELESTE MILLER	USA	2005
2:48.11	BENEDICTE DUPREZ	FRA	2001	2:49.53	ARDETH MUELLER	USA	1991	5:18.26	PAT SARGEANT	USA	2009
2:48.34	KAREN HUMPHREYS	USA	2005	2:50.13	LAURIE ALIOTO	USA	2009	5:20.00	LAURA VACA	MEX	2009
50 M. BRST				200 M. I.M.				5:21.12	ANNE BOURNE	GBR	2009
35.42	JENNY WHITELEY	AUS	2009	2:37.90	JENNY WHITELEY	AUS	2008	5:22.49	KATHI LINDSTROM	USA	2008
36.73	JAN CLARKSON	AUS	2008	2:39.49	JENNY COOK	USA	2008	5:22.65	ROSARIO VIVANCO	PER	2004
37.51	MELINDA MANN	USA	2006	2:41.31	LAURA VAL	USA	2002	800 M. FREE			
37.61	LOLI BALBUENA	ESP	2009	2:43.03	AHELEE SUE OSBORN	USA	2009	10:05.28	LAURA VAL	USA	2008
37.75	DAGMAR FRESE	GER	2006	2:44.30	ROBIN PARISI	USA	2004	10:38.30	CHRISTIE CIRAULO	USA	2009
37.78	ALISON NYE	GBR	2009	2:44.37	H.CAMPBELL	RSA	2008	10:40.54	CAROLYN BATTIN	USA	2009
37.93	PETRA SCHROER	GER	2004	2:44.70	BONNIE BILICH	USA	2009	10:41.10	BARBARA DUNBAR	USA	2004
37.95	L.CRITTENDEN	USA	2006	2:45.11	DANIELLE OGIER	USA	2002	10:57.82	KATHI LINDSTROM	USA	2008
38.04	JAN MACLEOD	AUS	1997	2:45.74	HEATHER CAMPBELL	NZL	2006	10:58.80	CELESTE MILLER	USA	2005
38.15	ELKE OSTWALD	GER	2009	2:46.18	ATIE PIJTAK	NED	2007	11:05.44	PAT SARGEANT	USA	2008
100 M. BRST				400 M. I.M.				11:08.11	ANNE BOURNE	GBR	2009
1:19.23	JENNY WHITELEY	AUS	2009	5:42.80	LAURA VAL	USA	2002	11:08.13	CONNIE BOER-BUIJS	NED	2009
1:21.29	JAN CLARKSON	AUS	2008	5:46.34	JENNY WHITELEY	AUS	2008	11:12.25	CAROLYN ROCHE	USA	2006
				5:49.32	JENNY COOK	USA	2008	1500 M. FREE			



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

Table with columns for time, name, country, year, and event details. Includes entries for Laura Val, Barbara Dunbar, and others across various events like 50 M. Back and 100 M. Brst.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

50	M. BACK			33.47	JUDY WILSON	GBR 2004	33.62	TOSHIE NODA	JPN 2009
35.79	B.BARNETT-SALLEE	USA 2006		33.63	BETTY CALLAHAN	AUS 1985	33.67	IKUKO OKADO	JPN 2009
36.61	SATOKO TAKEUJI	JPN 2004		33.88	RUTH SHAPS	USA 2008	33.69	PAM HUTCHINGS	AUS 2002
36.93	LYNETTE STEVENSON	AUS 2009		34.92	RACHEL BARTON	GBR 2008	100 M. FREE		
36.94	RACHEL BARTON	GBR 2008		35.06	CHRISTEL SCHULZ	GER 2004	1:12.00	CHRISTEL SCHULZ	GER 2005
37.06	MARIA BALLA	HUN 2004		35.18	MICHIE DOI	JPN 2004	1:13.05	YOSHIKO OSAKI	JPN 2004
37.12	SILVANA ABREU	BRA 2002		35.28	JAN WICKS	AUS 2006	1:14.28	JEN THOMASSON	AUS 2008
37.14	MARGIT OHLSSON	SWE 2009		35.30	LYNETTE STEVENSON	AUS 2009	1:14.93	PAM HUTCHINGS	AUS 2002
37.56	PENNY STEELE	AUS 2005		35.41	SANDERINA KRUGER	RSA 2009	1:14.98	JEAN HOWARD-JONES	GBR 2009
37.84	MARGARET WILDING	GBR 2000		35.62	I.LEONOV-TOBIS	ISR 2009	1:15.75	JACKIE MARR	USA 2008
38.00	YOKO NAKAMURA	JPN 2009		35.62	JOY WARD	USA 2002	1:16.84	CLARA WALKER	USA 1992
100 M. BACK				100 M. FLY			1:17.41	KAYE BEER	AUS 2008
1:18.91	B.BARNETT-SALLEE	USA 2006		1:17.34	JUDY WILSON	GBR 2004	1:17.55	SALLY BOLAR	USA 2005
1:20.43	SATOKO TAKEUJI	JPN 2002		1:20.34	BARBARA DUNBAR	USA 2009	1:17.73	GISELA PEKAREK	AUT 2009
1:22.07	MARGARET WILDING	GBR 2000		1:21.27	BRIGITTE MERTEN	GER 2009	1:17.73	JANE ASHER	GBR 1996
1:22.28	MARGIT OHLSSON	SWE 2009		1:21.31	HARRIET BERGER	GER 2004	200 M. FREE		
1:22.85	MARIA BALLA	HUN 2006		1:24.97	CAROLYN BOAK	USA 2007	2:42.26	CHRISTEL SCHULZ	GER 2008
1:24.34	RUTH SHAPS	USA 2008		1:26.13	KIRA MAKAROVA	RUS 2009	2:42.91	YOSHIKO OSAKI	JPN 2004
1:24.44	LYNETTE STEVENSON	AUS 2009		1:26.62	SARAH WELCH	USA 2008	2:43.36	JEN THOMASSON	AUS 2008
1:24.45	BETSY JORDAN	USA 1997		1:26.81	SUSANA BARKLEY	ESP 2006	2:45.42	JACKIE MARR	USA 2008
1:24.66	JULIE GUNTHORP	NZL 2008		1:26.96	CLAIRE O'DWYER	IRE 2002	2:48.51	CLARA WALKER	USA 1992
1:24.97	SILVANA ABREU	BRA 2002		1:27.05	YOSHIKO OSAKI	JPN 1999	2:52.94	E.KETELSEN	DEN 2009
200 M. BACK				200 M. FLY			2:53.14	JANE ASHER	GBR 1996
2:50.16	B.BARNETT-SALLEE	USA 2006		3:05.07	BARBARA DUNBAR	USA 2009	2:53.65	JAN CROFT	AUS 2008
2:58.02	SATOKO TAKEUJI	JPN 2002		3:12.48	JUDY WILSON	GBR 2004	2:53.88	CARROL WANNELL	AUS 2008
2:59.01	BONNIE PRONK	CAN 2002		3:12.52	SUSANA BARKLEY	ESP 2006	2:53.88	PAM HUTCHINGS	AUS 2002
3:00.06	MARGIT OHLSSON	SWE 2005		3:22.22	HANNELORE ROSE	GER 2003	400 M. FREE		
3:01.74	MARIA BALLA	HUN 2005		3:22.94	YOSHIKO OSAKI	JPN 2002	5:43.10	JEN THOMASSON	AUS 2008
3:04.66	JULIE GUNTHORP	NZL 2008		3:26.38	CAROLYN BOAK	USA 2007	5:46.27	YOSHIKO OSAKI	JPN 2003
3:06.23	BETSY JORDAN	USA 1997		3:26.54	DANIELA BARNEA	USA 2005	5:46.65	JACKIE MARR	USA 2008
3:06.56	TAKAKO NAKAHARA	JPN 2009		3:27.22	SILVANA ABREU	BRA 2003	5:54.90	LAVELLE STOINOFF	USA 1998
3:07.40	SILVANA ABREU	BRA 2002		3:27.54	FLORA CONNOLLY	GBR 1994	6:00.59	CHRISTEL SCHULZ	GER 2006
3:08.57	MARGARET WILDING	GBR 1999		3:28.00	RITSUKO KUROSAWA	JPN 2009	6:03.43	HANNELORE ROSE	GER 2008
50 M. BRST				200 M. I.M.			6:03.93	CARROL WANNELL	AUS 2008
38.48	MONIKA SENFTLEBEN	GER 2002		2:58.08	BRIGITTE MERTEN	GER 2006	6:05.22	CLARA WALKER	USA 1991
39.16	BONNIE PRONK	CAN 2002		3:00.52	BONNIE PRONK	CAN 2002	6:07.32	PAM HUTCHINGS	AUS 2002
39.25	JAN WICKS	AUS 2006		3:00.74	CAROLYN BOAK	USA 2006	6:08.60	RITSUKO SUGIMURA	JPN 2009
40.93	HARRIET BERGER	GER 2004		3:00.98	KIRA MAKAROVA	RUS 2009	800 M. FREE		
41.12	HANNELORE ROSE	GER 2002		3:02.24	HARRIET BERGER	GER 2004	11:53.17	JEN THOMASSON	AUS 2008
41.16	NOBUKO YASUDA	JPN 2009		3:03.33	MARGIT OHLSSON	SWE 2006	11:55.93	JACKIE MARR	USA 2008
41.35	ELAINE BROMWICH	GBR 2004		3:04.36	HANNELORE ROSE	GER 2003	12:06.31	YOSHIKO OSAKI	JPN 2003
41.43	JAYNE BRUNER	USA 1998		3:05.12	CHRISTEL SCHULZ	GER 2003	12:09.23	CARROL WANNELL	AUS 2008
41.92	KAYAKO HIROSE	JPN 2009		3:05.90	YOSHIKO OSAKI	JPN 1999	12:22.54	JAN CROFT	AUS 2008
42.00	MEEGAN WILSON	USA 2008		3:06.08	SILVANA ABREU	BRA 2002	12:23.32	LAVELLE STOINOFF	USA 1998
100 M. BRST				400 M. I.M.			12:23.88	HANNELORE ROSE	GER 2008
1:27.64	BONNIE PRONK	CAN 2002		6:22.61	BRIGITTE MERTEN	GER 2006	12:27.60	CLARA WALKER	USA 1992
1:29.86	HARRIET BERGER	GER 2004		6:33.09	HANNELORE ROSE	GER 2002	12:32.85	E.KETELSEN	DEN 2009
1:29.97	HANNELORE ROSE	GER 2002		6:33.92	BARBARA DUNBAR	USA 2009	12:37.93	PENNY WEBSTER	GBR 2008
1:30.97	NOBUKO YASUDA	JPN 2009		6:34.22	JEN THOMASSON	AUS 2004	1500 M. FREE		
1:31.05	MONIKA SENFTLEBEN	GER 2002		6:34.94	YOSHIKO OSAKI	JPN 2001	22:40.65	JEN THOMASSON	AUS 2008
1:31.41	DALE BARNHARD	USA 2008		6:36.99	JACKIE MARR	USA 2003	23:07.49	JACKIE MARR	USA 2008
1:32.18	DIANE FORD	GBR 2006		6:38.81	CAROLYN BOAK	USA 2005	23:42.01	LAVELLE STOINOFF	USA 1998
1:32.37	JOANN LEILICH	USA 1999		6:46.13	BONNIE PRONK	CAN 2005	23:51.75	JAN CROFT	AUS 2009
1:32.49	ELAINE BROMWICH	GBR 2004		6:48.38	SILVANA ABREU	BRA 2003	24:07.05	CLARA WALKER	USA 1992
1:32.69	GINGER PIERSON	USA 2008		6:49.28	I.LEONOV-TOBIS	ISR 2009	24:24.82	NORIKO YOSHIDA	JPN 2009
200 M. BRST				*****			24:31.20	PENNY WEBSTER	GBR 2007
3:14.49	BONNIE PRONK	CAN 2002		*****			24:38.81	BONNIE PRONK	CAN 2007
3:16.08	HANNELORE ROSE	GER 2003		*****			24:43.09	JANE ASHER	GBR 1996
3:18.05	HARRIET BERGER	GER 2004		*****			24:46.06	REIKO ISHIZAKI	JPN 2005
3:22.24	DIANE FORD	GBR 2006		50 M. FREE			50 M. BACK		
3:23.14	ELAINE BROMWICH	GBR 2004		32.52	CHRISTEL SCHULZ	GER 2005	37.38	CLARY MUNNS	AUS 2009
3:23.62	JOANN LEILICH	USA 1999		32.58	CLARY MUNNS	AUS 2009	37.54	SATOKO TAKEUJI	JPN 2009
3:24.38	MASAYO AZUMA	JPN 1996		33.03	KAYE BEER	AUS 2009	38.17	SILVANA ABREU	BRA 2006
3:25.29	FLORA CONNOLLY	GBR 1994		33.10	JEN THOMASSON	AUS 2008	38.85	PAM HUTCHINGS	AUS 2002
3:25.73	YOSHIE OGASAWARA	JPN 2006		33.38	OLGA KREJCI	SUI 2002	39.48	MARIA BALLA	HUN 2009
3:27.35	INGEBORG SEIDEL	GER 2006		33.47	YOSHIKO OSAKI	JPN 2004	39.85	CLARA WALKER	USA 1992
50 M. FLY				33.55	JAYNE BRUNER	USA 2000	40.50	MARGA BRAUN	GER 1999



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

40.56	BONNIE PRONK	CAN	2008	38.16	SILVANA ABREU	BRA	2006	1:21.57	CLARA WALKER	USA	1996
40.75	E.KETELSEN	DEN	2009	38.47	JOY WARD	USA	2007	1:22.43	SHOKO YONEZAWA	JPN	2005
40.93	BETSY JORDAN	USA	2002	100 M.	FLY			1:22.62	LOTTIE GEURTS	NED	2006
100 M.	BACK			1:27.73	YOSHIKO OSAKI	JPN	2003	1:22.99	NANCY BROWN	USA	2006
1:23.61	CLARY MUNNS	AUS	2009	1:29.47	CLARY MUNNS	AUS	2009	1:23.09	LAVELLE STOINOFF	USA	2003
1:24.67	SATOKO TAKEUJI	JPN	2007	1:30.78	JUDY WILSON	FRA	2009	200 M.	FREE		
1:25.86	MARIA BALLA	HUN	2009	1:33.38	SILVANA ABREU	BRA	2006	2:49.80	YOSHIKO OSAKI	JPN	2008
1:26.61	BONNIE PRONK	CAN	2008	1:34.55	HANNELORE ROSE	GER	2007	2:50.27	JANE ASHER	GBR	2002
1:26.72	E.KETELSEN	DEN	2008	1:34.62	HAIKE HOLER	GER	2002	2:57.28	LAVELLE STOINOFF	USA	2003
1:27.51	PAM HUTCHINGS	AUS	2002	1:35.57	SALLY BOLAR	USA	2004	3:00.28	HELGA REICH	GER	2006
1:28.08	SILVANA ABREU	BRA	2006	1:35.74	DANIELA BARNEA	USA	2009	3:01.28	GAIL ROPER	USA	1999
1:30.23	CHRISTEL SCHULZ	GER	2005	1:35.77	HELGA REICH	GER	2003	3:03.22	PAM HUTCHINGS	AUS	2008
1:30.65	NORIKO YOSHIDA	JPN	2009	1:36.68	GAIL ROPER	USA	1996	3:03.86	BARBARA FENTIMAN	AUS	2004
1:30.97	CLARA WALKER	USA	1991	200 M.	FLY			3:04.56	CLARA WALKER	USA	1996
200 M.	BACK			3:29.68	DANIELA BARNEA	USA	2009	3:06.67	REIKO ISHIZAKI	JPN	2008
3:06.41	BONNIE PRONK	CAN	2008	3:29.68	HANNELORE ROSE	GER	2007	3:06.98	JUNE KRAUSER	USA	1997
3:08.20	SATOKO TAKEUJI	JPN	2007	3:31.05	YOSHIKO OSAKI	JPN	2005	400 M.	FREE		
3:10.55	MARIA BALLA	HUN	2009	3:32.63	SILVANA ABREU	BRA	2006	5:54.97	YOSHIKO OSAKI	JPN	2008
3:10.66	CLARY MUNNS	AUS	2009	3:33.04	FLORA CONNOLLY	GBR	1998	6:05.25	JANE ASHER	GBR	2004
3:11.77	NORIKO YOSHIDA	JPN	2009	3:33.38	HELGA REICH	GER	2002	6:11.92	LAVELLE STOINOFF	USA	2003
3:12.42	JACKIE MARR	USA	2009	3:36.25	JUNE KRAUSER	USA	1994	6:22.10	HELGA REICH	GER	2006
3:13.06	E.KETELSEN	DEN	2009	3:43.97	GAIL ROPER	USA	1995	6:26.35	REIKO ISHIZAKI	JPN	2008
3:13.06	PAM HUTCHINGS	AUS	2002	3:47.12	SALLY BOLAR	USA	2004	6:33.15	CLARA WALKER	USA	1996
3:15.85	CHRISTEL SCHULZ	GER	2007	3:48.10	BETTY JANE RUSS	USA	1992	6:33.19	JUNE KRAUSER	USA	1996
3:16.02	LAVELLE STOINOFF	USA	1998	200 M.	I.M.			6:35.47	BARBARA FENTIMAN	GBR	2004
50 M.	BRST			3:08.85	CHRISTEL SCHULZ	GER	2006	6:36.15	MARIA PENNA	BRA	2009
41.52	MONIKA SENFTLEBEN	GER	2009	3:11.94	YOSHIKO OSAKI	JPN	2003	6:36.90	GAIL ROPER	USA	1999
41.69	BONNIE PRONK	CAN	2007	3:13.16	CLARY MUNNS	AUS	2009	800 M.	FREE		
42.78	SHOKO YONEZAWA	JPN	2002	3:13.22	JEN THOMASSON	AUS	2009	12:13.07	YOSHIKO OSAKI	JPN	2009
43.04	HANNELORE ROSE	GER	2007	3:13.33	JACKIE MARR	USA	2008	12:32.21	JANE ASHER	GBR	2002
43.42	EDITH BOHM	GER	1994	3:13.86	HANNELORE ROSE	GER	2007	12:35.14	LAVELLE STOINOFF	USA	2004
43.46	DIANE FORD	GBR	2009	3:17.26	BONNIE PRONK	CAN	2008	12:59.41	HELGA REICH	GER	2006
43.57	JOANN LEILICH	USA	2005	3:19.01	CLARA WALKER	USA	1991	13:15.45	JUNE KRAUSER	USA	1996
43.95	DANIELA BARNEA	USA	2009	3:19.32	SILVANA ABREU	BRA	2006	13:16.51	REIKO ISHIZAKI	JPN	2008
44.03	ODETTE LUSIEN	FRA	1994	3:21.70	SHOKO YONEZAWA	JPN	2001	13:25.78	MARIA PENNA	BRA	2009
44.03	ELAINE PELLIS	BEL	2001	400 M.	I.M.			13:30.28	BARBARA FENTIMAN	GBR	2004
100 M.	BRST			6:46.46	YOSHIKO OSAKI	JPN	2005	13:41.60	HISAKO SATO	JPN	2005
1:33.69	DIANE FORD	GBR	2008	6:54.46	JACKIE MARR	USA	2008	13:45.99	V.JOHANSSON	SWE	2005
1:34.53	BONNIE PRONK	CAN	2008	6:56.94	HANNELORE ROSE	GER	2007	1500 M.	FREE		
1:35.34	HANNELORE ROSE	GER	2007	7:06.75	FLORA CONNOLLY	GBR	1998	24:06.48	JANE ASHER	GBR	2001
1:36.29	JOANN LEILICH	USA	2007	7:09.21	SILVANA ABREU	BRA	2006	24:24.13	LAVELLE STOINOFF	USA	2003
1:36.41	LUISE KNOPFLE	GER	2004	7:09.69	CLARA WALKER	USA	1992	25:04.94	BARBARA FENTIMAN	AUS	2004
1:37.06	MASAYO AZUMA	JPN	2002	7:13.23	CLARY MUNNS	AUS	2009	25:21.24	REIKO ISHIZAKI	JPN	2009
1:38.12	SHOKO YONEZAWA	JPN	2000	7:13.77	BONNIE PRONK	CAN	2008	25:25.26	JUNE KRAUSER	USA	1997
1:38.73	ELAINE BROMWICH	GBR	2007	7:13.98	DANIELA BARNEA	USA	2009	25:40.43	CLARA WALKER	USA	1996
1:39.07	JEN THOMASSON	AUS	2009	7:23.20	GAIL ROPER	USA	1996	25:49.86	MARIA PENNA	BRA	2009
1:39.20	JAYNE BRUNER	USA	2001					26:17.37	HISAKO SATO	JPN	2005
200 M.	BRST			*****				26:18.02	JANE OBERG	USA	2007
3:26.88	HANNELORE ROSE	GER	2007					26:37.42	LENIE VD MEER	NED	2007
3:26.98	JOANN LEILICH	USA	2005					50 M.	BACK		
3:27.24	DIANE FORD	GBR	2008	50 M.	FREE			40.84	PAM HUTCHINGS	AUS	2008
3:27.71	LUISE KNOPFLE	GER	2004	33.61	YOSHIKO OSAKI	JPN	2009	41.38	YOSHIKO OSAKI	JPN	2009
3:28.43	MASAYO AZUMA	JPN	2001	34.64	JANE ASHER	GBR	2004	41.77	SHOKO YONEZAWA	JPN	2009
3:28.49	BONNIE PRONK	CAN	2008	35.28	GAIL ROPER	USA	1999	41.98	MARGARET WILDING	GBR	2009
3:30.95	FLORA CONNOLLY	GBR	1998	35.32	PAM HUTCHINGS	AUS	2008	42.29	DORIS STEADMAN	USA	1996
3:32.07	JEN THOMASSON	AUS	2008	35.52	OLGA KREJCI	SUI	2007	42.42	BETSY JORDAN	USA	2007
3:32.45	DANIELA BARNEA	USA	2009	35.74	SHOKO YONEZAWA	JPN	2009	43.49	GRETHE BENDTSEN	DEN	2001
3:33.21	YOSHIKO OSAKI	JPN	2005	36.10	HISAKO SATO	JPN	2005	43.78	V.JOHANSSON	SWE	2007
50 M.	FLY			36.13	CLARA WALKER	USA	1996	43.84	JANE ASHER	GBR	2002
35.77	CHRISTEL SCHULZ	GER	2006	36.24	FUSAKO HIROOKA	JPN	2007	44.02	ALICE KINNAIRD	AUS	2008
36.50	MICHIE DOI	JPN	2008	36.39	M.CUNNINGHAM	AUS	1996	100 M.	BACK		
36.86	JUDY WILSON	FRA	2009	100 M.	FREE			1:32.51	YOSHIKO OSAKI	JPN	2009
37.25	GISELA PEKAREK	AUT	2009	1:14.28	YOSHIKO OSAKI	JPN	2009	1:33.49	SHOKO YONEZAWA	JPN	2005
37.36	CLARY MUNNS	AUS	2009	1:17.94	JANE ASHER	GBR	2004	1:33.61	V.JOHANSSON	SWE	2005
37.54	YOSHIKO OSAKI	JPN	2003	1:19.94	GAIL ROPER	USA	1999	1:33.61	JANE ASHER	GBR	2002
37.67	HARUMI SUGIMOTO	JPN	2003	1:20.31	PAM HUTCHINGS	AUS	2008	1:34.72	PAM HUTCHINGS	AUS	2008
38.07	HAIKE HOLER	GER	2002	1:20.99	HELGA REICH	GER	2008	1:34.84	BETSY JORDAN	USA	2007



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

Table with 4 columns: Time, Name, Country, Year. Lists top 10 swimmers for various distances (50m, 100m, 200m, 400m, 800m, 1500m) across different categories (Men, Women 75-79).



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

3:49.80	KERSTIN GJORES	SWE	2002	4:38.45	SYLVIA EISELE	CAN	2004	7:51.67	G. MCKENZIE-HICKS	AUS	2008
3:51.75	NANCY KINNEY	USA	2004	4:38.68	BETTY RUSS	USA	2002	7:53.37	RITA SIMONTON	USA	1999
3:51.79	MARLENE MENDES	BRA	2008	4:54.79	MAXINE MERLINO	USA	1988	7:56.31	MARJORIE SHARPE	USA	1997
3:57.14	J.DRAKE-BROCKMAN	AUS	1996	5:01.91	HIROKO KATANO	JPN	2008	8:01.42	BRITT GRILLI	SWE	2009
3:57.56	JUNE KRAUSER	USA	2001	200 M. I.M.				8:02.52	BETTY LORENZI	USA	2008
50 M. BRST				3:38.46	JANE ASHER	GBR	2006	8:06.90	BUNNY CEDERLUND	USA	2002
46.69	ELIANE PELLIS	BEL	2009	3:48.16	JUDIE OLIVER	CAN	2007	8:06.95	BETTY RUSS	USA	2008
47.59	EDITH BOHM	GER	2003	3:48.59	JUNE KRAUSER	USA	2001	800 M. FREE			
47.89	A.VAN OBERGHEN	BEL	2009	3:53.65	GRETHE BENDTSEN	DEN	2006	15:12.94	JEAN TROY	USA	2007
48.69	SYLVIA EISELE	USA	2005	3:56.39	SYLVIA NEUHAUSER	AUT	2004	15:21.62	MARGERY MEYER	USA	2003
49.55	I.KEUSCH-RENNER	GER	2009	3:57.16	ANN HIRSCH	USA	2008	15:32.50	GAIL ROPER	USA	2009
50.20	ANTOINETTE RODAHL	NZL	2008	3:58.23	MICHIKO OKUMURA	JPN	2007	16:04.82	BRITT GRILLI	SWE	2008
50.65	SATOKO SUZUKI	JPN	1999	4:01.58	MITSUKO KUMURO	JPN	2006	16:05.85	RITA SIMONTON	USA	1998
50.74	SYLVIA NEUHAUSER	AUT	2004	4:03.80	NANCY KINNEY	USA	2004	16:09.92	BETTY LORENZI	USA	2008
51.47	JANE ASHER	GBR	2006	4:04.43	M. CUNNINGHAM	AUS	2001	16:21.46	G. MCKENZIE-HICKS	AUS	2008
51.55	ANN HIRSCH	USA	2008	400 M. I.M.				16:23.08	EDIE GRUENDER	USA	2008
100 M. BRST				7:39.98	JANE ASHER	GBR	2006	16:25.02	VIRGINIA KETELEER	BEL	2005
1:45.78	ELIANE PELLIS	BEL	2009	7:51.71	JUNE KRAUSER	USA	2001	16:39.04	MARJORIE SHARPE	USA	1997
1:45.98	A.VAN OBERGHEN	BEL	2008	8:10.16	ANN HIRSCH	USA	2006	1500 M. FREE			
1:48.65	SYLVIA NEUHAUSER	AUT	2004	8:17.70	GAIL ROPER	USA	2005	29:04.81	JEAN TROY	USA	2007
1:50.28	ANN HIRSCH	USA	2006	8:49.94	SYLVIA EISELE	CAN	2006	29:35.03	MARGERY MEYER	USA	2002
1:52.54	SATOKO SUZUKI	JPN	1999	8:51.98	MICHIKO OKUMURA	JPN	2006	30:27.88	BETTY LORENZI	USA	2008
1:53.31	ANTOINETTE RODAHL	NZL	2008	8:59.25	LOIS NOCHMAN	USA	1999	30:41.01	RITA SIMONTON	USA	1999
1:54.35	EDITH BOHM	GER	2003	9:04.69	JEAN TROY	USA	2003	32:09.15	MARJORIE SHARPE	USA	1997
1:54.47	SYLVIA EISELE	CAN	2006	9:11.23	MAXINE MERLINO	USA	1987	33:00.94	JEAN DURSTON	USA	1995
1:55.37	GAIL ROPER	USA	2005	9:18.15	EVA RAUNER	GER	1994	33:05.83	LOIS KIVI NOCHMAN	USA	2004
1:56.06	OLGA KOKORINA	RUS	1999					33:06.70	EDIE GRUENDER	USA	2008
200 M. BRST				*****				33:28.46	MARIA LENK ZIGLER	USA	1995
3:53.56	A.VAN OBERGHEN	BEL	2008	*****	WOMEN 80-84			33:53.12	NANCY DURSTEIN	USA	2009
3:54.88	ELIANE PELLIS	BEL	2008	*****				50 M. BACK			
3:55.25	SYLVIA NEUHAUSER	AUT	2004	50 M. FREE				46.39	BUNNY CEDERLUND	USA	2002
3:59.30	ANN HIRSCH	USA	2006	38.64	GAIL ROPER	USA	2009	49.40	MARGERY MEYER	USA	2002
4:07.90	JANE ASHER	GBR	2006	40.45	FLORENCE CARR	USA	2005	49.53	BETTY LORENZI	USA	2009
4:08.40	OLGA KOKORINA	RUS	1999	40.75	JEAN TROY	USA	2007	50.68	KIMIKO OOKA	JPN	2009
4:10.76	ANTOINETTE RODAHL	NZL	2008	41.21	OLGA JOHNSON	NZL	2001	50.98	KERSTIN GJORES	SWE	2007
4:10.95	JUDIE OLIVER	CAN	2007	41.31	HATSUHO SUGAYA	JPN	1994	51.41	BETTY STERN	AUS	2000
4:12.07	DIANE STOWELL	USA	2009	41.54	NAN BOHL	USA	2009	51.81	JOAN PARNELL	CAN	2009
4:14.40	GRETHE BENDTSEN	DEN	2006	42.11	M. CUNNINGHAM	AUS	2005	52.91	NANCY KINNEY	USA	2009
50 M. FLY				42.14	BRITT GRILLI	SWE	2009	53.14	YOKO KOBAYASHI	JPN	2006
41.99	JANE ASHER	GBR	2006	42.29	MARGERY MEYER	USA	2002	53.66	DORIS STEADMAN	USA	2005
44.95	GAIL ROPER	USA	2004	42.64	MIEKO KAMOSHITA	JPN	2008	100 M. BACK			
45.44	ODETTE LUSIEN	FRA	2002	100 M. FREE				1:47.29	BETTY LORENZI	USA	2009
47.74	JEAN TROY	USA	2002	1:27.55	GAIL ROPER	USA	2009	1:48.64	BUNNY CEDERLUND	USA	2002
47.86	LOIS NOCHMAN	USA	1999	1:34.95	NAN BOHL	USA	2009	1:54.49	KIMIKO OOKA	JPN	2009
49.92	JUNE KRAUSER	USA	2001	1:35.64	JEAN TROY	USA	2007	1:56.12	NANCY KINNEY	USA	2009
50.37	BARBARA CALLISON	USA	2008	1:36.14	M. CUNNINGHAM	AUS	2007	1:56.36	KERSTIN GJORES	SWE	2009
51.27	M. CUNNINGHAM	AUS	2000	1:37.78	MARGERY MEYER	USA	2002	1:58.43	JOAN PARNELL	CAN	2008
51.52	MICHIKO OKUMURA	JPN	2006	1:38.17	OLGA KOKORINA	RUS	2005	2:00.16	SILVIA CRAVERI	ITA	2003
51.56	SYLVIA NEUHAUSER	AUT	2004	1:39.30	UME WADA	JPN	1991	2:00.39	EDITH THEIN	ISR	1998
100 M. FLY				1:39.78	OLGA JOHNSON	NZL	2001	2:01.67	MARJORIE SHARPE	USA	1999
1:47.40	JUDIE OLIVER	CAN	2007	1:39.97	BRITT GRILLI	SWE	2009	2:01.76	G.SCHOBEL-GRASS	GER	2006
1:50.12	SYLVIA NEUHAUSER	AUT	2004	1:40.80	FLORENCE CARR	USA	2005	200 M. BACK			
1:50.99	JANE ASHER	GBR	2006	200 M. FREE				3:53.25	BETTY LORENZI	USA	2009
1:54.14	GAIL ROPER	USA	2004	3:27.26	JEAN TROY	USA	2007	3:59.73	BUNNY CEDERLUND	USA	2002
1:56.07	JUNE KRAUSER	USA	2001	3:32.12	GAIL ROPER	USA	2009	4:09.14	NANCY KINNEY	USA	2009
1:56.65	ODETTE LUSIEN	FRA	2002	3:37.14	MARGERY MEYER	USA	2003	4:11.24	KIMIKO OOKA	JPN	2009
1:56.92	LOIS NOCHMAN	USA	1999	3:41.31	G. MCKENZIE-HICKS	AUS	2008	4:11.82	G.SCHOBEL-GRASS	GER	2006
1:58.51	JEAN TROY	USA	2002	3:41.34	BRITT GRILLI	SWE	2009	4:11.83	EDITH THEIN	ISR	2000
1:58.90	ANN HIRSCH	USA	2006	3:42.80	M. CUNNINGHAM	AUS	2005	4:12.13	KERSTIN GJORES	SWE	2009
2:00.32	JOAN ALEXANDER	USA	2009	3:44.00	UME WADA	JPN	1992	4:16.70	DORIS STEADMAN	USA	2005
200 M. FLY				3:44.19	RITA SIMONTON	USA	1999	4:19.47	REGAN KENNER	USA	2003
4:03.55	SYLVIA NEUHAUSER	AUT	2004	3:44.41	BETTY LORENZI	USA	2008	4:20.79	JOAN PARNELL	CAN	2008
4:10.69	JUNE KRAUSER	USA	2001	3:45.79	NAN BOHL	USA	2009	50 M. BRST			
4:17.87	GAIL ROPER	USA	2004	400 M. FREE				53.36	EDITH BOHM	GER	2008
4:19.81	LOIS NOCHMAN	USA	1999	7:24.53	JEAN TROY	USA	2007	53.53	OLGA KOKORINA	RUS	2005
4:21.39	JANE ASHER	GBR	2006	7:30.34	MARGERY MEYER	USA	2003	54.30	NAN BOHL	USA	2009
4:29.94	ANN HIRSCH	USA	2006	7:42.89	M. CUNNINGHAM	AUS	2005	56.34	BETTY CHRISTIAN	USA	2001



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

56.57	SHIZUE TOYAMA	JPN	2004	4:34.62	CHIE TANI	JPN	2006	17:49.83	OLGA JOHNSON	NZL	2006
56.91	SYLVIA EISELE	USA	2009	4:39.22	GERTRUD MEERWALD	GER	2000	18:24.60	MAURINE KORNFELD	USA	2008
56.99	MICHELE GUILLAIS	FRA	2001	4:40.75	ELSA DE LEEUW	CAN	2004	19:12.10	JEAN DURSTON	USA	1999
57.80	KIMIE KANAI	JPN	2004	4:41.09	MARIA LENK ZIGLER	USA	1995	19:27.47	MARJORIE STONE	USA	2008
57.81	EMMI PAULI	GER	1993	4:43.59	EDIE GRUENDER	USA	2008	20:02.14	LOIS KIVI NOCHMAN	USA	2009
58.53	ERIKA LANGE	GER	2008	400 M. I.M.				20:11.43	MAXINE MERLINO	USA	1997
100 M. BRST				9:32.43	JEAN TROY	USA	2007	20:40.28	VAL LINCOLN	AUS	2009
1:59.30	SYLVIA NEUHAUSER	AUT	2009	9:43.23	LOIS KIVI NOCHMAN	USA	2006	20:50.44	CHIYOKO TAKIZAWA	JPN	2007
2:01.21	OLGA KOKORINA	RUS	2005	9:45.48	GERTRUD MEERWALD	GER	2000	1500 M. FREE			
2:06.17	NAN BOHL	USA	2009	10:05.13	MAXINE MERLINO	USA	1992	32:11.49	MARGERY MEYER	USA	2009
2:06.25	SYLVIA EISELE	USA	2009	10:05.95	G.SCHOBEL-GRASS	GER	2006	32:33.60	RITA SIMONTON	USA	2003
2:09.19	EMMI PAULI	GER	1993	10:08.13	JEAN DURSTON	USA	1995	36:42.40	JEAN DURSTON	USA	1999
2:10.31	KIMIE KANAI	JPN	2004	10:12.77	BETTY RUSS	USA	2008	38:05.96	LOIS KIVI NOCHMAN	USA	2009
2:10.41	GERTRUD MEERWALD	GER	2000	10:33.43	EDIE GRUENDER	USA	2008	38:20.39	MAXINE MERLINO	USA	1997
2:10.96	SAYOKO WATANABE	JPN	2007	10:38.80	NANCY DURSTEIN	USA	2009	39:09.67	WILLY VAN RYSEL	GBR	2001
2:11.03	M. CUNNINGHAM	AUS	2005	10:47.34	Y.KAPLAN BADER	FRA	2009	40:07.30	CHIYOKO TAKIZAWA	JPN	2007
2:11.63	MICHELE GUILLAIS	FRA	2001	*****				40:33.26	VAL LINCOLN	AUS	2009
200 M. BRST				*****				40:33.36	JOYCE O'FARRELL	AUS	2006
4:17.76	SYLVIA NEUHAUSER	AUT	2009	*****				40:59.00	KAY SCHIMPF	USA	2002
4:26.18	OLGA KOKORINA	RUS	2006	*****				50 M. BACK			
4:37.64	SYLVIA EISELE	USA	2009	50 M. FREE				53.44	BUNNY CEDERLUND	USA	2006
4:40.09	EMMI PAULI	GER	1993	44.70	OLGA JOHNSON	NZL	2006	56.57	BETTY CHRISTIAN	USA	2006
4:42.75	GERTRUD MEERWALD	GER	2000	46.72	MARGERY MEYER	USA	2009	58.34	MARGERY MEYER	USA	2008
4:44.59	TERUKO ONO	JPN	2008	48.91	OLGA KOKORINA	RUS	2009	58.42	AILEEN SOULE	USA	1991
4:45.60	EIKO MORI	JPN	2007	48.95	HISAKO KOGA	JPN	2002	59.06	SILVIA CRAVERI	ITA	2009
4:46.84	HILDEGARD MESSING	GER	2000	49.08	RITA SIMONTON	USA	2003	59.56	WILLY VAN RYSEL	GBR	2002
4:51.40	BETTY CHRISTIAN	USA	2002	49.43	BETTY CHRISTIAN	USA	2006	59.85	NOEL MORROW	CAN	2005
4:52.32	ERIKA LANGE	GER	2008	49.84	UME WADA	JPN	1996	1:00.00	MASA SHIGEMITSU	JPN	2000
50 M. FLY				49.90	HATSUHO SUGAYA	JPN	1999	1:01.02	EDITH THEIN	ISR	2003
47.37	GAIL ROPER	USA	2009	50.14	BUNNY CEDERLUND	USA	2006	1:01.13	OLGA JOHNSON	NZL	2006
57.43	LOIS KIVI NOCHMAN	USA	2004	50.93	JULIA DOLCE	USA	1994	100 M. BACK			
57.90	YONE MURATA	JPN	2002	100 M. FREE				2:06.41	BUNNY CEDERLUND	USA	2006
58.33	CHIE TANI	JPN	2007	1:46.13	OLGA KOKORINA	RUS	2009	2:10.44	EDITH THEIN	ISR	2004
58.61	M. CUNNINGHAM	AUS	2005	1:47.59	OLGA JOHNSON	NZL	2006	2:10.46	SILVIA CRAVERI	ITA	2009
59.07	JEAN TROY	USA	2009	1:48.02	MARGERY MEYER	USA	2007	2:12.48	WILLY VAN RYSEL	GBR	2001
59.62	FLORENCE CARR	USA	2006	1:48.75	RITA SIMONTON	USA	2003	2:13.13	AILEEN SOULE	USA	1991
1:00.50	GERTRUD MEERWALD	GER	2000	1:51.88	BUNNY CEDERLUND	USA	2006	2:15.09	MARIA LENK-ZIGLER	USA	2000
1:01.10	CAROL TAYLOR	USA	2009	1:53.28	HISAKO KOGA	JPN	2002	2:15.30	MARJORIE SHARPE	USA	2002
1:01.41	MARIA LENK	BRA	1995	1:55.46	MARJORIE SHARPE	USA	2002	2:17.44	MASA SHIGEMITSU	JPN	2000
100 M. FLY				1:56.09	MASAE SHIMURA	JPN	2007	2:17.71	MARGERY MEYER	USA	2008
2:01.54	SYLVIA NEUHAUSER	AUT	2009	1:58.29	UME WADA	JPN	1996	2:18.17	MARIE WICKLUN	USA	2000
2:06.55	LOIS KIVI NOCHMAN	USA	2004	1:59.18	MAXINE MERLINO	USA	1997	200 M. BACK			
2:14.91	Y.KAPLAN-BADER	FRA	2008	200 M. FREE				4:29.16	EDITH THEIN	ISR	2003
2:21.88	GERTRUD MEERWALD	GER	2000	3:56.11	MARGERY MEYER	USA	2007	4:35.71	BUNNY CEDERLUND	USA	2006
2:22.44	BETTY RUSS	USA	2007	3:59.68	RITA SIMONTON	USA	2003	4:44.76	MARJORIE SHARPE	USA	2002
2:25.58	CHIE TANI	JPN	2007	4:03.29	OLGA JOHNSON	NZL	2006	4:46.20	PERSIS RAE	AUS	2007
2:27.91	JEAN DURSTON	USA	1994	4:10.20	MARJORIE SHARPE	USA	2002	4:47.82	AILEEN SOULE	USA	1991
2:30.44	JEAN TROY	USA	2009	4:11.69	OLGA KOKORINA	RUS	2009	4:52.87	WILLY VAN RYSEL	GBR	2001
2:32.29	JUNE REYNOLDS	USA	2002	4:19.11	HISAKO KOGA	JPN	2002	4:53.05	MARIA LENK	BRA	2000
2:32.72	DOROTHY WESTON	GBR	1995	4:21.21	MAURINE KORNFELD	USA	2008	4:55.59	MARIE WICKLUN	USA	2000
200 M. FLY				4:24.17	CANDIDA GANDOLPHO	BRA	2006	4:57.34	SILVIA CRAVERI	ITA	2009
4:22.66	SYLVIA NEUHAUSER	AUT	2009	4:26.52	UME WADA	JPN	1996	4:59.07	HIDEKO HANADA	JPN	2004
4:34.86	LOIS KIVI NOCHMAN	USA	2004	4:29.99	MARJORIE STONE	USA	2008	50 M. BRST			
5:11.67	Y.KAPLAN-BADER	FRA	2008	400 M. FREE				57.24	OLGA KOKORINA	RUS	2009
5:12.38	BETTY RUSS	USA	2008	8:14.05	MARGERY MEYER	USA	2007	1:02.92	KIMIE KANAI	JPN	2009
5:24.52	JEAN DURSTON	USA	1994	8:17.82	RITA SIMONTON	USA	2003	1:03.16	MICHELE GUILLAIS	FRA	2006
5:29.93	MAXINE MERLINO	USA	1992	8:43.79	OLGA JOHNSON	NZL	2006	1:06.48	BETTY CHRISTIAN	USA	2006
5:34.09	JAE HOWELL	USA	2003	9:08.05	MAURINE KORNFELD	USA	2007	1:06.72	LIS KNUTZEN	DEN	2005
5:51.81	EDIE GRUENDER	USA	2008	9:10.43	MARJORIE SHARPE	USA	2002	1:07.01	NORA RONAI	BRA	2009
5:59.21	NANCY DURSTEIN	USA	2009	9:30.97	EDITH THEIN	ISR	2003	1:07.23	MARJORIE STONE	USA	2008
6:01.22	NORA RONAI	BRA	2004	9:31.21	UME WADA	JPN	1997	1:07.88	MARIA LENK	BRA	2000
200 M. I.M.				9:32.91	JEAN DURSTON	USA	1999	1:08.28	INGEBORG FRITZE	GER	2008
4:18.33	SYLVIA NEUHAUSER	AUT	2009	9:36.91	MARJORIE STONE	USA	2008	1:09.85	MARTI GOGNIAT	USA	1996
4:18.72	JEAN TROY	USA	2007	9:42.42	B.BURRILL	USA	2006	100 M. BRST			
4:24.08	NANCY KINNEY	USA	2009	800 M. FREE				2:09.75	OLGA KOKORINA	RUS	2009
4:25.05	M. CUNNINGHAM	AUS	2005	17:09.73	MARGERY MEYER	USA	2007	2:28.48	KIMIE KANAI	JPN	2009
4:33.29	LOIS KIVI NOCHMAN	USA	2006	17:14.24	RITA SIMONTON	USA	2003	2:31.14	MICHELE GUILLAIS	FRA	2006



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

2:34.86	MARTI GOGNIAT	USA	1996	12:16.14	KALIS RASMUSSEN	CAN	2009	42:30.27	WILLY VAN RYSEL	GBR	2006
2:34.97	DOROTHY WESTON	GBR	1998	13:15.87	JEWEL COOKE	USA	1996	44:46.30	MAXINE MERLINO	USA	2002
2:36.19	BETTY CHRISTIAN	USA	2006	13:22.77	NORA RONAI	BRA	2009	49:40.76	KIKU ONO	JPN	2007
2:36.47	LIS KNUTZEN	DEN	2006	13:38.34	GERTRUDE ZINT	USA	2003	50:26.49	JULIA DOLCE	USA	1999
2:37.13	MARJORIE STONE	USA	2009	13:49.14	KAY SCHIMPF	USA	2002	51:19.79	KATH JOHNSTONE	NZL	2007
2:39.45	MARIA LENK	BRA	2000	14:02.65	KATHERINE PELTON	USA	1990	52:23.76	KAY SCHIMPF	USA	2007
2:40.37	UME WADA	JPN	1996					52:51.69	MARY LATHRAM	USA	2005
200 M. BRST				*****				50 M. BACK			
4:43.93	OLGA KOKORINA	RUS	2009		WOMEN 90-94			1:03.49	AILEEN SOULE	USA	1996
5:23.25	BARBARA BOHM	GER	2006	*****				1:04.78	NOEL MORROW	CAN	2009
5:27.60	BETTY CHRISTIAN	USA	2006	50 M. FREE				1:05.08	WILLY VAN RYSEL	GBR	2006
5:35.82	MICHIKO HAMURO	JPN	2004	54.97	HISAKO KOGA	JPN	2007	1:10.29	AUDREY ETIENNE	USA	2006
5:36.62	EMMI PAULI	GER	1998	55.76	AILEEN SOULE	USA	1996	1:12.97	JOAN GODSALL	AUS	2008
5:38.79	UME WADA	JPN	1996	56.87	RITA SIMONTON	USA	2008	1:13.42	M.GOTTSCHALK	GER	1999
5:39.91	MARIA LENK	BRA	2000	58.80	JULIA DOLCE	USA	1999	1:17.62	HIDEKO HANADA	JPN	2009
5:45.49	ALMA BRECKNOCK	AUS	2004	1:01.78	NOEL MORROW	CAN	2009	1:17.68	EVA MULLER	USA	2003
5:54.39	LIS KNUTZEN	DEN	2005	1:02.28	AUDREY ETIENNE	USA	2006	1:19.05	ANNE WALKER	USA	2006
5:56.97	INGEBORG FRITZE	GER	2007	1:05.14	MARIA LENK-ZIGLER	USA	2005	1:19.42	MARIA LENK	BRA	2005
50 M. FLY				1:05.57	WILLY VAN RYSEL	GBR	2007	100 M. BACK			
1:01.94	LOIS KIVI NOCHMAN	USA	2009	1:08.13	TOSHI KUBO	JPN	2006	2:23.23	AILEEN SOULE	USA	1996
1:06.40	YONE MURATA	JPN	2007	1:08.20	MARGO BATES	AUS	2002	2:25.93	WILLY VAN RYSEL	GBR	2006
1:11.58	JEAN DURSTON	USA	1999	100 M. FREE				2:34.29	NOEL MORROW	CAN	2009
1:12.00	MARIA LENK	BRA	2000	2:00.12	HISAKO KOGA	JPN	2007	2:47.05	MARIA LENK	BRA	2005
1:12.84	NORA RONAI	BRA	2009	2:03.52	RITA SIMONTON	USA	2008	2:49.46	M.GOTTSCHALK	GER	1999
1:13.84	MAXINE MERLINO	USA	1997	2:19.14	AUDREY ETIENNE	USA	2006	2:51.69	MIEKO NAGAOKA	JPN	2007
1:15.37	JUNE REYNOLDS	USA	2007	2:19.62	AILEEN SOULE	USA	1996	2:53.84	JULIA DOLCE	USA	2000
1:18.72	JAE HOWELL	USA	2007	2:19.87	JULIA DOLCE	USA	2000	2:58.18	AUDREY ETIENNE	USA	2006
1:20.00	MAURINE KORNFELD	USA	2008	2:30.82	MARIA LENK	USA	2005	2:58.31	EVA MULLER	USA	2002
1:24.61	MICHELE GUILLAIS	FRA	2006	2:31.17	WILLY VAN RYSEL	GBR	2006	3:01.74	RITA DAVOGLIO	ITA	2002
100 M. FLY				2:34.29	NOEL MORROW	CAN	2009	200 M. BACK			
2:23.89	LOIS KIVI NOCHMAN	USA	2009	2:35.50	MAXINE MERLINO	USA	2002	5:17.36	WILLY VAN RYSEL	GBR	2006
2:39.43	JEAN DURSTON	USA	2000	2:40.36	ANNE WALKER	USA	2007	5:29.07	AILEEN SOULE	USA	1997
2:45.28	DOROTHY WESTON	GBR	1998	200 M. FREE				5:41.35	MARIA LENK	BRA	2005
2:52.47	JAE HOWELL	USA	2007	4:19.80	RITA SIMONTON	USA	2008	5:56.93	JULIA DOLCE	USA	2000
2:59.53	JUNE REYNOLDS	USA	2007	5:06.38	AUDREY ETIENNE	USA	2006	6:15.92	MIEKO NAGAOKA	JPN	2008
2:59.55	MAXINE MERLINO	USA	1997	5:16.84	WILLY VAN RYSEL	GBR	2006	6:24.72	CLARICE ARTIS	AUS	2005
3:01.14	KATHERINE PELTON	USA	1991	5:19.36	JULIA DOLCE	USA	1999	6:28.70	EVA MULLER	USA	2003
3:13.12	JEWEL COOKE	USA	1996	5:21.55	AILEEN SOULE	USA	1996	6:28.71	RITA DAVOGLIO	ITA	2002
3:25.00	EDITH GLUSAC	USA	2003	5:22.49	MAXINE MERLINO	USA	2002	6:28.92	ANNE WALKER	USA	2007
3:25.77	NORA RONAI	BRA	2009	5:24.75	MARIA LENK	BRA	2005	6:38.50	KIKU ONO	JPN	2008
200 M. FLY				5:33.03	ANNE WALKER	USA	2007	50 M. BRST			
5:07.64	LOIS KIVI NOCHMAN	USA	2009	5:36.74	EVA MULLER	USA	2002	1:25.91	MARIA LENK	BRA	2005
5:49.75	JEAN DURSTON	USA	1999	6:01.41	MARGO BATES	AUS	2002	1:26.57	M.GOTTSCHALK	GER	1999
6:12.31	JAE HOWELL	USA	2007	400 M. FREE				1:34.55	MICHIKO HAMURO	JPN	2009
6:35.26	MAXINE MERLINO	USA	1998	9:04.93	RITA SIMONTON	USA	2008	1:35.23	YOSHI KUCHIBA	JPN	1998
6:35.92	JUNE REYNOLDS	USA	2007	10:30.72	HISAKO KOGA	JPN	2009	1:40.45	MARION DEVITT	CAN	2009
7:18.41	KATHERINE PELTON	USA	1990	10:58.64	WILLY VAN RYSEL	GBR	2006	1:43.58	MADELEINE MILLER	USA	2000
8:02.73	ELLA PECKHAM	USA	1985	11:17.74	MAXINE MERLINO	USA	2002	1:43.76	GERTRUD ZINT	USA	2007
8:02.91	KALIS RASMUSSEN	CAN	2009	11:19.66	MARIA LENK	USA	2005	1:46.30	JEANNE TURGEON	CAN	2009
8:19.56	NORA RONAI	BRA	2009	11:44.11	JULIA DOLCE	USA	1999	1:50.95	ELSA PIGULLA	GER	2008
8:20.86	ANNE POTTIER	FRA	2008	11:45.66	AILEEN SOULE	USA	1997	1:54.31	LUZIA CARACCILO	BRA	2004
200 M. I.M.				12:21.16	KAY SCHIMPF	USA	2007	100 M. BRST			
5:11.92	LOIS KIVI NOCHMAN	USA	2009	12:26.51	KIKU ONO	JPN	2007	3:12.88	MARIA LENK	USA	2005
5:16.68	JEAN DURSTON	USA	1999	12:50.00	KATH JOHNSTONE	NZL	2008	3:21.95	M.GOTTSCHALK	GER	1999
5:25.65	RITA SIMONTON	USA	2004	800 M. FREE				3:41.36	MICHIKO HAMURO	JPN	2009
5:27.56	MAXINE MERLINO	USA	1997	18:53.58	RITA SIMONTON	USA	2008	3:49.99	EVA MULLER	USA	2003
5:29.95	KALIS RASMUSSEN	CAN	2009	22:42.50	WILLY VAN RYSEL	GBR	2006	3:54.14	RITA SIMONTON	USA	2009
5:39.68	MARIA LENK	BRA	2000	23:01.12	MARIA LENK	BRA	2005	3:55.00	MARION DEVITT	CAN	2009
5:40.85	JAE HOWELL	USA	2007	23:04.42	MAXINE MERLINO	USA	2002	4:01.03	JEANNE TURGEON	CAN	2009
5:41.63	JUNE REYNOLDS	USA	2007	26:04.96	KATH JOHNSTONE	NZL	2007	4:38.15	LUZIA CARACCILO	BRA	2004
5:48.87	MICHELE GUILLAIS	FRA	2006	26:48.47	KIKU ONO	JPN	2007	4:55.16	K.JOHNSTONE	NZL	2008
5:51.75	MICHIKO HAMURO	JPN	2004	27:28.27	KAY SCHIMPF	USA	2007	5:06.09	DEL ROWLEY	AUS	1996
400 M. I.M.				28:07.33	JULIA DOLCE	USA	2001	200 M. BRST			
10:48.77	LOIS KIVI NOCHMAN	USA	2009	29:41.57	MARY LATHRAM	USA	2007	6:57.76	MARIA LENK	USA	2005
11:10.37	JEAN DURSTON	USA	1999	29:48.74	CLARICE ARTIS	AUS	2006	7:45.45	MICHIKO HAMURO	JPN	2009
11:21.06	MAXINE MERLINO	USA	1997	1500 M. FREE				8:30.18	EVA MULLER	USA	2002
11:56.05	JAE HOWELL	USA	2007	36:02.20	RITA SIMONTON	USA	2008	8:31.18	GERTRUD ZINT	USA	2007



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

10:25.15	KAY SCHIMPF	USA	2007	8:49.98	BERNARDA ANGULO	ESP	2009	8:41.43	MARCUS MATTIOLI	ITA	1988
10:39.50	DEL ROWLEY	AUS	1995	9:17.91	ANGULO BENARDA	ESP	2008	8:41.99	ERIK SCHRODER	NED	2009
10:51.68	KATH JOHNSTONE	NZL	2007	50 M. BRST				1500 M. FREE			
11:42.20	MADELEINE MILLER	USA	2000	4:20.32	ROSA SELLARES	ESP	2005	16:13.89	ALEX KOSTICH	USA	1997
50 M. FLY								16:28.63	C.HANSMANN	GER	2002
1:33.12	RITA SIMONTON	USA	2008	*****				16:28.69	CAMERON REID	USA	1987
2:29.08	GERTRUD ZINT	USA	2007		WOMEN 100-104			16:31.20	JOHN CALNAN	CAN	2006
4:42.00	HILDA BUEL	USA	2006	*****				16:36.87	NICKY LANGE	GER	2009
4:57.25	ANNA BAUSCHER	USA	1994	50 M. FREE				16:38.86	JULIEN BAILLOD	SUI	2009
200 M. I.M.				5:10.84	MARY MAINA	AUS	1994	16:42.87	JOHN PEARSON	USA	1991
6:30.12	RITA SIMONTON	USA	2008	*****				16:43.36	GREGORY FUENTES	ECU	1999
6:35.70	MAXINE MERLINO	USA	2003		M E N 25-29			16:43.39	RON NEUGENT	USA	1987
12:03.55	HILDA BUEL	USA	2004	*****				16:44.41	ERIK SCHRODER	NED	2009
12:10.93	ANNA BAUSCHER	USA	1994	50 M. BACK				26.58	JUNICHI MIYASHITA	JPN	2009
*****				50 M. FREE				26.64	KEVIN DOAK	USA	2009
	WOMEN 95-99			22.79	A.WADDELL	AUS	1992	26.78	S.HALGASCH	GER	2009
*****				23.15	C.GRAHLEMANN	GER	2009	27.08	STEV THELOKE	GER	2007
50 M. FREE				23.36	RENE LEITE	BRA	2009	27.09	LEONARDO GOMES	BRA	2003
1:14.38	SHIZUE SHIMIZU	JPN	2006	23.39	KOHEI KAWAMOTO	USA	2008	27.17	YUTA SHOJI	JPN	2009
1:14.72	MARGO BATES	AUS	2007	23.40	RUDY TED DE HAAN	NED	2009	27.18	THORSTEN HERRMANN	GER	2003
1:17.53	JULIA DOLCE	USA	2005	23.48	DAVID THEVENOT	FRA	2008	27.29	ROBERT KROLL	GER	2005
1:24.69	MIEKO NAGAOKA	JPN	2009	23.49	GUY SHERWIN	GBR	2009	27.39	R.ARANTES	BRA	1986
1:47.25	BETTY JONES	AUS	2004	23.49	TIM EHLKES	GER	2004	27.39	HANS BIJLEMANS	BEL	1998
1:49.36	BERNARDA ANGULO	ESP	2009	23.49	V.HAVLICEK	CZE	2000	27.39	HANS BIJLEMANS	BEL	1998
1:51.02	ANGULO BENARDA	ESP	2008	23.52	NAOKI NAGURA	JPN	2006	100 M. BACK			
1:55.57	MARGE ANDERSON	CAN	1998	100 M. FREE				57.00	KEVIN DOAK	USA	2008
1:55.78	DOROTHY RIORDAN	USA	2007	50.74	NICK SHACKELL	USA	2000	57.42	IKUMI HASEGAWA	JPN	2009
1:59.22	ROSA SELLARES	ESP	2005	51.23	EDVALDO SILVA	BRA	2007	57.45	JON WINTER	NZL	1997
100 M. FREE				51.37	STEFAN OOSTING	NED	2009	57.69	MATTHEW BOWE	GBR	2008
2:56.83	MIEKO NAGAOKA	JPN	2009	51.63	KOHEI KAWAMOTO	JPN	2005	58.00	JAMES CHADWICK	GBR	2004
3:08.43	JULIA DOLCE	USA	2005	51.81	TIM EHLKES	GER	2004	58.24	JOHN KEPPELER	USA	1992
3:09.64	MARGO BATES	AUS	2006	51.87	SION BRINN	USA	2002	58.26	YUTA SHOJI	JPN	2009
4:06.70	MARGE ANDERSON	CAN	1998	51.92	NAOKI NAGURA	JPN	2006	58.86	YOHEI HAMAGAMI	JPN	2009
4:13.30	BERNARDA ANGULO	ESP	2009	51.92	A.WADDELL	AUS	1992	58.92	ROBERT HAUCK	USA	1993
4:14.70	M.DE FROMONT	FRA	2006	51.93	ERIK TOLMACHOFF	USA	2009	58.97	GARETH LLEWELLYN	GBR	2004
200 M. FREE				51.94	SVEN GROSSE	GER	2003	200 M. BACK			
6:30.34	MIEKO NAGAOKA	JPN	2009	200 M. FREE				2:07.57	JOHN KEPPELER	USA	1992
7:34.27	MARGO BATES	AUS	2005	1:51.00	JOHN KEPPELER	USA	1996	2:08.23	NICOLAS GRANGER	FRA	1994
8:57.26	M.DE FROMONT	FRA	2006	1:52.19	JOE TRISTAN	USA	2000	2:08.59	HIROSHI NISHIMURA	JPN	2001
9:24.83	BERNARDA ANGULO	ESP	2007	1:53.16	CHRISTIAN HEIN	GER	2007	2:08.65	ROBERT HAUCK	USA	1993
400 M. FREE				1:53.68	EDVALDO SILVA	BRA	2007	2:09.13	JEROME FAROUZE	FRA	2003
14:03.09	MIEKO NAGAOKA	JPN	2009	1:53.76	MICHAEL KIEDEL	USA	2000	2:09.19	DARRYL FOLLOWS	NZL	1993
18:16.28	BERNARDA ANGULO	ESP	2007	1:53.86	STEVEN MELLOR	GBR	2001	2:10.30	SHINYA HAYASHI	JPN	2005
18:32.26	M.DE FROMONT	FRA	2006	1:54.22	STEFAN OOSTING	NED	2009	2:10.47	TAKUMA YAMAOKA	JPN	2005
50 M. BACK				1:54.68	BART REYEMEN	BEL	1998	2:10.87	CHRISTIAN HEIN	GER	2007
1:19.05	MIEKO NAGAOKA	JPN	2009	1:54.78	KEISUKE MATSUNO	JPN	2009	2:11.52	JAY YARID	USA	1992
1:39.68	EDITH HENDRY	USA	2007	1:54.87	NEIL TAIT	GBR	1996	50 M. BRST			
1:42.07	JULIA DOLCE	USA	2005	400 M. FREE				28.33	EDUARDO FISCHER	BRA	2008
1:57.79	MARGE ANDERSON	CAN	1998	4:00.98	HONZA VITAZKA	USA	2002	28.63	CHRISTOPHER JONES	GBR	2007
2:00.33	ROSA SELLARES	ESP	2005	4:01.70	STEVE MELLOR	GBR	2001	28.68	JAMES PARRACK	GBR	1996
2:01.10	ANGULO BENARDA	ESP	2008	4:02.79	MARTIN HOHL	SUI	2009	28.96	MITSUHIRO MARU	JPN	2007
2:03.48	SHIZUE SHIMIZU	JPN	2007	4:02.95	BART REYEMEN	BEL	1998	28.97	NAOKI NAGURA	JPN	2009
2:05.80	BERNARDA ANGULO	ESP	2009	4:03.63	ALEX KOSTICH	USA	1997	28.98	SETH VAN NEERDEN	USA	1997
2:10.58	MARGO BATES	AUS	2006	4:05.99	CHIP HOBSON	USA	1994	29.14	KOTARO MORITA	JPN	2009
2:12.98	DOROTHY RIORDAN	USA	2007	4:06.99	MARCUS MATTIOLI	ITA	1988	29.14	CHRIS STEWART	RSA	2006
100 M. BACK				4:07.72	ROLAND LEE	GBR	1992	29.30	BASTIAN KAMPMANN	GER	2003
3:02.76	MIEKO NAGAOKA	JPN	2009	4:07.73	CAMERON REID	USA	1987	29.34	ERIC VERBERCK	ARG	2009
3:42.90	EDITH HENDRY	USA	2007	4:10.15	BERT VAN POUCKE	BEL	1994	100 M. BRST			
4:16.79	MARGE ANDERSON	CAN	1998	800 M. FREE				1:02.44	GARY MARSHALL	USA	2008
4:18.07	ROSA SELLARES	ESP	2005	8:24.67	ALEX KOSTICH	USA	1997	1:02.65	CHRISTOPHER JONES	GBR	2007
4:19.08	BERNARDA ANGULO	ESP	2009	8:29.22	NICOLAS GRANGER	FRA	1994	1:04.11	JAMES PARRACK	GBR	1996
4:35.64	ANGULO BENARDA	ESP	2008	8:32.92	NEIL TAIT	GBR	1996	1:04.18	KOTARO MORITA	JPN	2009
4:48.93	MARGO BATES	AUS	2005	8:35.91	CHIP HOBSON	USA	1994	1:04.24	EDUARDO FISCHER	BRA	2008
200 M. BACK				8:36.83	JEFF ERWIN	USA	1992	1:04.49	SIMON LEIGHFIELD	AUS	2002
6:34.60	MIEKO NAGAOKA	JPN	2009	8:36.88	JOHN PEARSON	USA	1992	1:04.60	DAVID LUNDBERG	USA	1989
7:52.01	EDITH HENDRY	USA	2007	8:37.24	FRANK WERNER	GER	1996	1:04.61	RUDY TED DE HAAN	NED	2009
				8:41.27	NICKY LANGE	GER	2007	1:04.78	KAZUO SHIN	JPN	1998



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

1:05.11 GREG OWEN USA 2006			16:51.84 FABIEN CZACHOR FRA 2006
200 M. BRST		*****	17:01.28 ANDREW SAPPEY USA 1991
2:16.70 GARY MARSHALL USA 2008		M E N 30-34	17:06.73 ROBERT NICHOLS USA 1988
2:18.17 CHRISTOPHER JONES GBR 2008		*****	50 M. BACK
2:20.25 SIMON LEIGHFIELD AUS 2002	50 M. FREE		26.59 DERYA BUYUKUNCU USA 2009
2:22.17 JIRI VLCEK CZE 2009	22.53 SABIR MUHAMMAD USA 2009		26.64 MARTIN HARRIS GBR 2002
2:22.60 HIROSHI TEMMA JPN 2008	22.80 ROBERT PEEL USA 1996		26.89 VIKTOR AREFYEV UKR 2005
2:23.74 EDUARDO FISCHER BRA 2008	22.91 BRIAN JACOBSON USA 2005		27.09 DANIEL GOIS BRA 2006
2:24.69 PETER ROSS GBR 2006	23.21 ROWDY GAINES USA 1991		27.19 TERO RATY FIN 2009
2:24.99 MICHAEL MOLONEY AUS 1994	23.25 S.KUNZELMANN GER 2009		27.26 T.TAKEMURA JPN 2007
2:25.99 MATTHEW CHAPPEL GBR 2004	23.27 TODD PACE USA 1998		27.26 SEAN MURPHY USA 1994
2:26.01 EITA TSUMURA JPN 1998	23.40 DANO HALSALL SUI 1995		27.28 LEONARDO GOMES BRA 2004
50 M. FLY	23.49 DAMIEN JUCUMEL FRA 2004		27.32 TAKUMA YAMAOKA JPN 2009
23.71 KOHEI KAWAMOTO USA 2008	23.52 SCOTT GREENWOOD USA 2009		27.32 DIX OZIER USA 1988
24.67 CARLOS NASCIMENTO BRA 2009	23.53 DAVIDE DIAMBRI ITA 2007		100 M. BACK
24.72 RUDY TED DE HAAN NED 2009	100 M. FREE		57.24 MARTIN HARRIS GBR 2000
24.75 ERIK TOLMACHOFF USA 2009	50.84 S.KUNZELMANN GER 2009		58.66 SEAN MURPHY USA 1994
24.88 JON WINTER NZL 1998	51.06 ADAM PINE AUS 2009		58.74 TAKUMA YAMAOKA JPN 2009
24.89 DAISUKE ABE JPN 2008	51.24 P.KUTSCHER GER 2009		59.16 LEONARDO GOMES BRA 2004
24.92 DANIEL BELINI BRA 2009	51.34 HIDEAKI HARA JPN 2008		59.21 JEFF COMMINGS USA 2004
25.07 S.HALGASCH GER 2009	51.50 ROWDY GAINES USA 1991		59.41 TAKAFUMI OISHI JPN 2006
25.07 V.HAVLICEK CZE 2000	51.61 TAMAS KEREKJARTO USA 2009		59.46 OLIVER SCHMICH AUT 2009
25.10 KEI NAKASHIMA JPN 2009	52.05 MICHAEL FIBBENS GBR 2000		59.77 C.SORRENTINO ITA 2007
100 M. FLY	52.32 JAMES MONTGOMERY USA 1986		59.96 TAKATOSHI NUMATA JPN 2009
53.09 KOHEI KAWAMOTO USA 2008	52.36 MARK NOETZEL USA 1995		1:00.03 JAY YARID USA 1993
54.29 MATTHEW BOWE GBR 2008	52.42 BRIAN JACOBSON USA 2005		200 M. BACK
54.95 CARLOS NASCIMENTO BRA 2009	200 M. FREE		2:02.75 ROGERIO ROMERO BRA 2000
55.16 KEI NAKASHIMA JPN 2009	1:53.15 DANIEL KOWALSKI AUS 2009		2:05.62 SEAN MURPHY USA 1994
55.34 DANIEL BELINI BRA 2009	1:53.46 TAMAS KEREKJARTO USA 2009		2:06.30 MARTIN HARRIS GBR 2000
55.35 HONZA VITAZKA USA 2002	1:54.33 JOSH DAVIS USA 2006		2:08.11 MARK VOGEL DEN 2000
55.69 JASON EADDY USA 2004	1:55.28 ROWDY GAINES USA 1991		2:08.21 ROSTISLAV VITEK CZE 2009
56.00 YUSUKE ISHIGURO JPN 2004	1:55.41 LACHLAN MCDOWELL AUS 2009		2:09.47 JEROME FAROUZE FRA 2006
56.11 MATT HAUPT USA 2005	1:55.48 JAMES MONTGOMERY USA 1986		2:09.81 LEONARDO GOMES BRA 2006
56.31 FREDERIC TONUS BEL 1998	1:55.71 JOCHEN BRUHA GER 2002		2:09.84 JAY YARID USA 1993
200 M. FLY	1:56.21 STEVEN MELLOR GBR 2004		2:09.93 NICOLAS GRANGER FRA 2000
2:03.26 SATOSHI TORATANI JPN 2008	1:56.64 DAN STEPHENSON USA 1988		2:10.53 TAKUMA YAMAOKA JPN 2008
2:04.14 KIMITAKA MINOBE JPN 2003	1:57.06 ANDREW MANLEY GBR 2007		50 M. BRST
2:05.26 PHILIPP IZGEN SUI 2003	400 M. FREE		28.59 CARLOS ALENCAR BRA 2009
2:05.76 JASON EADDY USA 2002	3:58.42 DANIEL KOWALSKI AUS 2009		28.86 RYOSUKE IMAI JPN 2009
2:06.46 ANATOLIY POLYAKOV RUS 2009	4:05.01 ROSTISLAV VITEK CZE 2009		29.01 JEFF COMMINGS USA 2006
2:06.53 MARCUS MATTIOLI ITA 1988	4:05.19 CARLOS PAVAO BRA 2007		29.15 BRIAN JACOBSON USA 2005
2:07.14 HONZA VITAZKA USA 2002	4:05.61 ERIK HOCHSTEIN USA 2002		29.30 TIMO NOLTE GER 2006
2:07.54 MATT HAUPT USA 2005	4:07.04 ROWDY GAINES USA 1994		29.36 JORG FARBER GER 2009
2:07.56 KARNEY MCNEAR USA 1998	4:08.53 SEBASTIAN WIESE GER 2003		29.38 MASAHIKO KUBOTA JPN 2009
2:07.85 LOIC LEROY FRA 2006	4:08.70 JAMES MONTGOMERY USA 1986		29.38 RYUTARO MORITA JPN 2009
200 M. I.M.	4:10.14 IGOR PIOVESAN ITA 2008		29.38 HIDEAKI TOGO JPN 2003
2:06.33 HONZA VITAZKA USA 2002	4:10.66 ANDREA MARCATO ITA 2004		29.42 DAVID GUTHRIE USA 1992
2:06.45 YUTA SHOJI JPN 2009	4:11.02 JUAN C VALLEJO ESP 1994		29.42 DMITRI VOLKOV RUS 1997
2:07.00 NICOLAS GRANGER FRA 1994	800 M. FREE		100 M. BRST
2:09.21 CAMERON REID USA 1987	8:18.76 DANIEL KOWALSKI AUS 2009		1:04.53 RYOSUKE IMAI JPN 2009
2:10.44 KAZUYA KUROSU JPN 2003	8:26.26 CARLOS PAVAO BRA 2007		1:05.02 NICK GILLINGHAM GBR 1999
2:10.50 MATTHEW CHAPPEL GBR 2004	8:27.41 ROSTISLAV VITEK CZE 2009		1:05.10 JEFF COMMINGS USA 2007
2:10.70 CHRISTOPHER JONES GBR 2007	8:35.16 IGOR PIOVESAN ITA 2008		1:05.13 UMBERTO RAMELLI ITA 2009
2:10.70 ROLAND LEE GBR 1992	8:40.19 ROWDY GAINES USA 1994		1:05.24 CARLOS ALENCAR BRA 2009
2:11.08 AURELIEN COQ FRA 2005	8:40.78 ANDREA MARCATO ITA 2004		1:05.64 SETH VAN NEERDEN USA 1998
2:11.58 JIRI VLCEK CZE 2009	8:45.26 SEBASTIAN WIESE GER 2004		1:05.65 DAVID LUNDBERG USA 1991
400 M. I.M.	8:46.99 JAMES MONTGOMERY USA 1986		1:05.72 TOMASZ DUSZYNSKI POL 2009
4:30.05 DIOGO YABE BRA 2009	8:47.10 GLAUCO RANGEL BRA 2004		1:05.73 RYUTARO MORITA JPN 2009
4:31.47 NICOLAS GRANGER FRA 1994	8:47.14 JOSE CARLOS BAEZ ESP 2009		1:05.80 DAVID GUTHRIE USA 1993
4:32.19 HONZA VITAZKA USA 2002	1500 M. FREE		200 M. BRST
4:32.45 DIRK ZINNOW GER 2000	16:30.41 ASUKA KOIZUMI JPN 2009		2:20.43 NICK GILLINGHAM GBR 1999
4:32.96 ALEX KOSTICH USA 1997	16:33.70 IGOR PIOVESAN ITA 2008		2:21.25 HIROYUKI KOSAKA JPN 2009
4:34.08 CAMERON REID USA 1987	16:35.67 SEBASTIAN WIESE GER 2003		2:21.28 TOMASZ DUSZYNSKI POL 2008
4:41.14 MARCUS MATTIOLI ITA 1988	16:36.06 BOBBY PATTEN USA 1993		2:22.62 KAZUYA KOIKE JPN 2009
4:42.34 SATOSHI TORATANI JPN 2008	16:38.24 JEFF ERWIN USA 1998		2:22.88 SIMONE BATTISTON ITA 2009
4:42.71 TODD ROBINSON USA 1992	16:42.28 RON NEUGENT USA 1991		2:24.06 DAVID LUNDBERG USA 1991
4:43.17 JOHN PEARSON USA 1992	16:42.60 ANDREA MARCATO ITA 2005		2:24.49 VALERYS KALMIKOV LAT 2006



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

2:24.84	TIMOTHY CARLSON	USA	2009	23.59	STEFAN VOLERY	SUI	1996	27.60	J CLAY BRITT	USA	1999
2:25.94	RODRIGO BARDI	BRA	2009	23.60	FELIPE DELGADO	USA	2009	27.63	C.SORRENTINO	ITA	2009
2:26.18	DAVID GUTHRIE	USA	1992	23.76	SVEN LODZIEWSKI	GER	2004	27.68	RICK GOULD	USA	2006
50 M. FLY				23.77	TODD ROBINSON	AUS	2009	27.73	DEREK ROBINSON	USA	2004
24.61	ADAM PINE	AUS	2009	23.79	JANNE VIRTANEN	FIN	2001	27.90	VLADIMIR SELKOV	RUS	2009
24.73	OSWALDO QUEVEDO	USA	2006	23.81	LEONARDO GOMES	BRA	2009	28.04	ERIC ERICSON	USA	2000
24.91	GARY HALL	USA	2005	23.81	TIMO NOLTE	GER	2008	100 M. BACK			
25.02	ALEXANDER KAHL	GER	2007	100 M. FREE				59.18	MICHAEL ROSS	USA	2006
25.16	BRIAN ALDERMAN	USA	2000	50.78	HIDEAKI HARA	JPN	2009	59.50	OSAMU ITOI	JPN	2009
25.24	CURTIS SAWIN	USA	2002	51.49	ROWDY GAINES	USA	1995	59.91	ERIC ERICSON	USA	2000
25.25	TAKESHI DANNO	JPN	2000	51.98	SVEN LODZIEWSKI	GER	2004	1:00.00	RICK GOULD	USA	2006
25.26	DAN WEGNER	USA	2002	52.15	RICHARD SAEGER	USA	2001	1:00.13	J CLAY BRITT	USA	1999
25.31	MIKE BOTOM	USA	1988	52.22	VLAD PYSHENKO	USA	2006	1:00.20	RICHARD SAEGER	USA	2001
25.49	DANIEL MORALES	ESP	2008	52.23	MICHAEL ROSS	USA	2004	1:00.34	MARK VOGEL	DEN	2009
100 M. FLY				52.27	TODD ROBINSON	AUS	2009	1:00.44	RONALD KARNAUGH	USA	2003
53.11	ADAM PINE	AUS	2009	52.68	R.LOCOCIOLO	ITA	2009	1:00.51	DEREK ROBINSON	USA	2004
55.01	TAMAS KEREKJARTO	USA	2009	52.93	JOCHEN BRUHA	GER	2004	1:00.67	JEFF COMMINGS	USA	2009
55.39	HIROKI NAKAZONO	JPN	2009	53.01	ISAMU TSUZUKI	JPN	2009	200 M. BACK			
56.25	RAZVAN PETCU	USA	2004	200 M. FREE				2:07.16	RON KARNAUGH	USA	2001
56.49	ROBERTO FIUZA N	BRA	1999	1:52.84	VLAD PYSHENKO	USA	2006	2:09.26	DANIEL VEATCH	USA	2000
56.62	OSWALDO QUEVEDO	USA	2006	1:54.86	RICHARD SAEGER	USA	2001	2:09.65	DARRYL FOLLOWS	NZL	2002
56.64	MIKE BOTOM	USA	1988	1:55.36	ROWDY GAINES	JPN	1994	2:10.38	NICHOLAS GRANGER	FRA	2002
56.67	HIROYUKI KOSAKA	JPN	2009	1:55.62	MICHAEL ROSS	USA	2006	2:10.59	RICK GOULD	USA	2006
56.68	MICHAEL FIBBENS	GBR	2000	1:55.68	JOCHEN BRUHA	GER	2004	2:12.18	DEREK GUFFEY	USA	2009
56.69	MICHAEL ARTINGER	GER	1996	1:56.02	RONALD KARNAUGH	USA	2003	2:13.28	JEROME FRENTSOS	USA	2000
200 M. FLY				1:57.37	ERIK HOCHSTEIN	USA	2003	2:13.48	MARK VOGEL	DEN	2006
2:00.33	MIGUEL ALCALDE	ESP	2007	1:57.85	NICHOLAS GRANGER	FRA	2002	2:13.56	CHRIS JONES	GBR	2007
2:03.85	BOBBY PATTEN	USA	1995	1:57.89	BERNIE ZERUHN	USA	2006	2:13.83	THOMAS WOLF	USA	1990
2:06.79	ASUKA KOIZUMI	JPN	2009	1:57.95	DAN STEPHENSON	USA	1992	50 M. BRST			
2:06.82	PHILIPPE MEYER	SUI	2005	400 M. FREE				28.53	JEFF COMMINGS	USA	2009
2:06.84	IAN BECK	GBR	1996	4:07.64	ROWDY GAINES	USA	1995	28.80	VLADISLAV BRAGIN	RUS	2009
2:07.71	JAMES BELARDI	USA	1987	4:09.74	DANIEL VERDAGUER	ESP	2006	29.09	WALLY DICKS	USA	1998
2:08.88	KIMITAKA MINOBE	JPN	2007	4:10.31	ERIK HOCHSTEIN	USA	2003	29.38	TIMO NOLTE	GER	2008
2:09.37	SEAN MURPHY	USA	1994	4:10.54	IGOR PIOVESAN	ITA	2009	29.40	GERALD MORKEN	GER	1996
2:09.59	WILLIAM SPECHT	USA	1988	4:12.48	CHRIS FYDLER	AUS	2009	29.57	PETTERI LEHTINEN	FIN	2009
2:09.71	ANDREA MARCATO	ITA	2007	4:12.56	ANDREA MARCATO	ITA	2009	29.64	ANDREA AGOSTINONE	ITA	2006
200 M. I.M.				4:14.52	DANIEL SERRA	ESP	2007	29.65	YASUHIRO KOMORI	JPN	2009
2:05.52	ISTVAN BATHAZI	USA	2009	4:14.65	CHRISTOPHER DERKS	USA	2008	29.66	ROB BUTCHER	USA	2009
2:06.76	TAMAS KEREKJARTO	USA	2009	4:15.39	OLIVIER VAHE	FRA	2009	29.70	TAKASHI HIRAKAWA	JPN	2009
2:07.97	KOSUKE KOJIMA	USA	2009	4:15.49	DAN STEPHENSON	USA	1992	100 M. BRST			
2:08.89	NICOLAS GRANGER	FRA	2000	800 M. FREE				1:04.73	NICK GILLINGHAM	GBR	2004
2:09.34	C.SORRENTINO	ITA	2008	8:38.73	ROWDY GAINES	USA	1996	1:05.00	WALLY DICKS	USA	2000
2:09.69	DAVID LUNDBERG	USA	1991	8:39.37	ANDREA MARCATO	ITA	2009	1:05.07	ALBERTO MONTINI	ITA	2004
2:09.70	JOSH DAVIS	USA	2006	8:39.49	IGOR PIOVESAN	ITA	2009	1:05.51	VLADISLAV BRAGIN	RUS	2009
2:09.77	ASUKA KOIZUMI	JPN	2009	8:41.16	DANIEL VERDAGUER	ESP	2006	1:05.63	RONALD KARNAUGH	USA	2003
2:09.86	RON KARNAUGH	USA	1996	8:46.26	JIMMY FURRER	SUI	1996	1:05.67	DAVID GUTHRIE	USA	1995
2:11.48	TIMOTHY CARLSON	USA	2009	8:49.89	ALEJANDRO MORENO	MEX	2004	1:05.70	JEFF COMMINGS	USA	2009
400 M. I.M.				8:50.51	RICHARD STANNARD	GBR	2009	1:05.95	ROB BUTCHER	USA	2009
4:36.65	ASUKA KOIZUMI	JPN	2009	8:52.22	DAN STEPHENSON	USA	1992	1:06.73	TIMO NOLTE	GER	2008
4:38.36	C.SORRENTINO	ITA	2008	8:52.46	CHRISTOPHER DERKS	USA	2008	1:06.84	FABIO MARUSSIG	ITA	2009
4:39.92	NICOLAS GRANGER	FRA	2000	8:54.26	JEFF STILING	USA	1995	200 M. BRST			
4:40.22	SEAN MURPHY	USA	1994	1500 M. FREE				2:20.29	NICK GILLINGHAM	GBR	2004
4:40.44	DAVID LUNDBERG	USA	1992	16:32.72	CHRISTOPHER DERKS	USA	2008	2:21.87	RON KARNAUGH	USA	2001
4:40.91	HIROYUKI KOSAKA	JPN	2009	16:36.50	ANDREA MARCATO	ITA	2009	2:24.26	ALBERTO MONTINI	ITA	2004
4:41.30	THOMAS FRISTOE	USA	1993	16:37.34	ROWDY GAINES	USA	1995	2:24.37	DAVID GUTHRIE	USA	1995
4:43.53	RAPHAEL VIEIRA	BRA	2007	16:40.90	IGOR PIOVESAN	ITA	2009	2:26.05	WALLY DICKS	USA	2000
4:43.83	ROQUE SANTOS	USA	2001	16:45.04	MIKE SHAFFER	USA	2002	2:27.55	ROQUE SANTOS	USA	2006
4:43.93	PETR KOLLROS	TCH	1988	16:50.83	ERIK HOCHSTEIN	USA	2003	2:27.78	VLADISLAV BRAGIN	RUS	2009
*****				16:59.46	DANIEL VEATCH	USA	2001	2:28.00	RAFFAELE NOTTE	ITA	2009
*****				17:06.10	OLIVIER VAHE	FRA	2009	2:29.20	P.MORENO	COL	1996
*****				17:08.23	MICHAEL KLEIBER	GER	2001	2:29.95	MICHAEL RUFFNER	USA	2001
*****				17:10.80	CHRISTOPHER BLACK	USA	2003	50 M. FLY			
50 M. FREE				50 M. BACK				24.75	MARK FOSTER	GBR	2005
22.76	MARK FOSTER	GBR	2005	27.03	EDILSON SILVA	USA	2009	25.00	WADE KING	USA	2002
23.20	ROWDY GAINES	JPN	1994	27.11	LEONARDO GOMES	BRA	2009	25.10	LEONARDO GOMES	BRA	2009
23.28	M.GIALDI	ITA	2004	27.21	OSAMU ITOI	JPN	2009	25.22	MAKIO ENDO	JPN	2009
23.53	SVEN GUSKE	GER	2009	27.50	MICHAEL ROSS	USA	2004	25.31	EIJI NOMURA	JPN	2008



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

25.31	JAN KARLSSON	SWE	2005	52.42	MICHAEL ROSS	USA	2009	1:00.64	RICH SAEGER	USA	2006
25.49	MICHAEL ROSS	USA	2004	53.19	STEFAN OPATRIL	AUT	2009	1:00.91	CLAY BRITT	USA	2002
25.52	SVEN GUSKE	GER	2009	53.31	TOMMY RUNDGREN	FIN	2009	1:00.95	SEAN MURPHY	USA	2006
25.60	MASATERU IKEDA	JPN	2007	53.45	RICH SAEGER	USA	2006	1:01.43	GIUSEPPE TIANO	ITA	2009
25.62	TYLER JOURDONNAIS	USA	2000	53.66	JOAKIM SJOHOLM	SWE	2004	1:02.29	EDUARDO MAROCCO	BRA	2008
100 M. FLY				53.69	CYRO DELGADO	BRA	2002	1:02.48	WILLIAM SPECHT	USA	1998
55.84	EIJI NOMURA	JPN	2009	53.78	JACK GROSELLE	USA	1998	1:02.49	HIROYOSHI MAETOGE	JPN	2009
56.07	MICHAEL ROSS	USA	2004	53.98	METELLO SAVINO	ITA	2006	1:02.58	ROSS DAVIS	USA	2006
56.39	TYLER JOURDONNAIS	USA	2000	54.03	PAUL CARTER	USA	2001	200 M. BACK			
56.41	BERNIE ZERUHN	USA	2006	200 M. FREE				2:13.37	SEAN MURPHY	USA	2006
56.60	JEFF STUART	USA	1996	1:55.06	MICHAEL ROSS	USA	2009	2:13.48	CHRIS STEVENSON	USA	2008
56.76	FRANK WATTLES	USA	2007	1:55.06	RICH SAEGER	USA	2006	2:14.37	ERIK HOCHSTEIN	USA	2009
57.10	HENRY CLARK	USA	2003	1:55.70	ERIK HOCHSTEIN	USA	2008	2:14.61	JOHN ENGS	USA	2006
57.32	MASAKATSU USAMI	JPN	2007	1:58.50	KAI DITZEL	GER	2004	2:14.83	DANIEL VEATCH	USA	2006
57.39	PHILIPPE MEYER	SUI	2006	1:58.60	ROSS DAVIS	USA	2006	2:15.35	ROSS DAVIS	USA	2006
57.39	WILLIAM SPECHT	USA	1994	1:58.61	PAUL SMITH	USA	2001	2:15.49	WILLIAM SPECHT	USA	1999
200 M. FLY				1:58.66	JOCHEN BRUHA	GER	2009	2:15.52	EDUARDO MAROCCO	BRA	2008
2:06.74	JEFF STUART	USA	1996	1:58.66	JEFFREY UTSCH	USA	2008	2:15.66	PETER BERMEI	GER	2007
2:07.13	BERNIE ZERUHN	USA	2006	1:58.74	JURE BUCAR	SLO	2006	2:16.04	KURT DICKSON	USA	2008
2:08.51	WILLIAM SPECHT	USA	1994	1:58.94	STUART CROMARTY	USA	2004	50 M. BRST			
2:08.65	MIKE SHAFER	USA	2002	400 M. FREE				28.84	ALBERTO MONTINI	ITA	2009
2:09.03	PHILIPPE MEYER	SUI	2006	4:06.74	ERIK HOCHSTEIN	USA	2009	29.56	YOZO FUJII	JPN	2009
2:09.10	FRANK WATTLES	USA	2007	4:11.55	DENNIS BAKER	USA	2004	29.86	MAKOTO ONODERA	JPN	2009
2:09.18	JAMES BELARDI	USA	1992	4:13.65	MARK THOMPSON	AUS	2009	29.98	RICO ROLLI	ITA	2009
2:09.36	DENNIS BAKER	USA	2000	4:13.82	JURE BUCAR	SLO	2006	30.16	ROBERTO DOBIE	ARG	2009
2:09.77	HENRY CLARK	USA	2002	4:14.37	MICHAEL PRUFERT	GER	2006	30.41	JAMES CORBEAU	USA	2008
2:09.87	EIJI NOMURA	JPN	2009	4:14.54	PAUL LEMMON	AUS	2009	30.48	ALESSANDRO VISINI	ITA	2009
200 M. I.M.				4:15.57	BRETT PHILLIPS	USA	2001	30.51	GERHARD AMMER	GER	2000
2:05.64	RONALD KARNAUGH	USA	2003	4:15.71	MICHAEL KLEIBER	GER	2004	30.52	JENS LUTSCHIN	GER	2008
2:11.23	NICOLAS GRANGER	FRA	2002	4:15.78	KAI DITZEL	GER	2004	30.52	MARCO BOBBIO	ITA	2004
2:13.02	JEROME FRENTSOS	USA	2000	4:15.86	JOSEPH RHYNE	USA	1999	100 M. BRST			
2:13.27	ALBERTO MONTINI	ITA	2007	800 M. FREE				1:05.04	ALBERTO MONTINI	ITA	2009
2:13.99	EDWIN VAN NORDEN	NED	2001	8:41.65	JEFF ERWIN	USA	2005	1:05.97	RICO ROLLI	ITA	2009
2:14.46	ISAMU TSUZUKI	JPN	2009	8:44.89	DANIEL SERRA	ESP	2008	1:06.16	YOZO FUJII	JPN	2009
2:14.67	JOHN MUNRO	NZL	2008	8:46.51	MICHAEL KLEIBER	GER	2005	1:06.60	MAKOTO ONODERA	JPN	2009
2:14.87	DEREK GUFFEY	USA	2009	8:46.61	MICHAEL PRUFERT	GER	2005	1:06.90	HAJIME MORIMOTO	JPN	2009
2:14.94	DARIUSZ WOLNY	POL	1998	8:48.69	JOSEPH RHYNE	USA	1999	1:08.01	DAVID GUTHRIE	USA	2000
2:15.12	PETER BERMEI	GER	2003	8:51.45	STUART CROMARTY	USA	2004	1:08.17	MATTHEW WRIGHT	AUS	2009
400 M. I.M.				8:53.61	PAUL LEMMON	AUS	2009	1:08.21	HOWARD SEIDMAN	USA	2006
4:34.10	RON KARNAUGH	USA	2001	8:54.03	DINO SCHORN	ITA	2009	1:08.28	MICHAEL RUFFNER	USA	2005
4:42.45	NICOLAS GRANGER	FRA	2002	8:55.17	TIMOTHY GALLAUDET	USA	2008	1:08.34	ROBERTO DOBIE	ARG	2009
4:43.17	JEROME FRENTSOS	USA	2000	8:56.20	BRETT PHILLIPS	USA	2001	200 M. BRST			
4:45.47	DEREK GUFFEY	USA	2009	1500 M. FREE				2:18.94	ALBERTO MONTINI	ITA	2009
4:45.98	SANDRO TOMAS	CRO	2008	16:39.60	JEFF ERWIN	USA	2008	2:24.19	ROQUE SANTOS	USA	2008
4:46.79	DARIUSZ WOLNY	POL	1998	16:45.53	MICHAEL KLEIBER	GER	2003	2:28.54	DAVID GUTHRIE	USA	2000
4:48.38	ROQUE SANTOS	USA	2006	16:48.68	TIMOTHY GALLAUDET	USA	2008	2:29.77	RON SCHAFER	USA	1998
4:49.90	A.TIBERTI	ITA	2001	16:54.95	MICHAEL PRUFERT	GER	2006	2:29.99	TIMOUR PODMARER	RUS	1998
4:50.18	SERGEY FESENKO	UKR	1994	16:58.52	HESS YNTEMA	USA	1995	2:31.53	V.PYLYPCHENKO	UKR	2006
4:50.27	JEFF STILING	USA	1995	17:01.24	MARCO TENDERINI	ITA	2009	2:31.76	JIM TUCHLER	USA	2009
*****				17:05.53	JOSEPH RHYNE	USA	1999	2:32.17	RICK COLELLA	USA	1992
M E N 40-44				17:09.14	MIKE SHAFER	USA	2009	2:32.46	ROBERTO DOBIE	ARG	2009
*****				17:13.14	JEFFREY UTSCH	USA	2008	2:33.42	MATTHEW WRIGHT	AUS	2009
50 M. FREE				17:14.13	GEORGE TIDMARSH	USA	2003	50 M. FLY			
23.30	STEPHAN VOLERY	SUI	2001	50 M. BACK				25.57	MICHAEL ROSS	USA	2009
23.86	M.GIALDI	ITA	2008	27.47	MICHAEL ROSS	USA	2008	25.73	STEVE HILTABIDDLE	USA	2009
24.12	TOMMY RUNDGREN	FIN	2009	27.88	CLAY BRIT	USA	2002	25.87	PAUL SMITH	USA	2000
24.14	DAVID BOATWRIGHT	USA	2003	27.95	CHRIS STEVENSON	USA	2008	25.90	HARTMUT BERNER	GER	2005
24.24	ERIK HOCHSTEIN	USA	2008	28.08	TOM STACHEWICZ	AUS	2008	26.01	ROBERTO FARRICONE	ITA	2004
24.25	BRENT BARNES	JPN	1998	28.26	GIUSEPPE TIANO	ITA	2009	26.12	KIP FULBECK	USA	2009
24.31	MICHAEL ROSS	USA	2008	28.51	BRAD COOPER	AUS	1994	26.20	RICO ROLLI	ITA	2009
24.36	JANNE VIRTANEN	FIN	2004	28.53	RICH SAEGER	USA	2006	26.29	GABRIELE MAINI	POL	2007
24.37	SCHUYLER SMITH	USA	2008	28.59	SEAN MURPHY	USA	2006	26.32	CHUCK PONTHER	USA	2006
24.39	JOHN SMITH	USA	2006	28.69	PETER ROCCA	USA	1999	26.33	WILLIAM SPECHT	USA	1998
24.39	RICK ABBOTT	USA	1995	28.72	FRITZ LEHMAN	USA	2000	100 M. FLY			
100 M. FREE				100 M. BACK				56.43	MICHAEL ROSS	USA	2008
52.10	ERIK HOCHSTEIN	USA	2009	59.08	MICHAEL ROSS	USA	2009	57.57	PAUL CARTER	USA	2001
				1:00.56	CHRIS STEVENSON	USA	2008	57.62	HENRY CLARK	USA	2005



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

57.67	ALBERTO MONTINI	ITA	2009	200 M. FREE		200 M. BACK			
57.79	WILLIAM SPECHT	USA	1999	1:57.89	KEITH SWITZER	USA	2009		
57.97	DENNIS BAKER	USA	2004	1:59.34	DENNIS BAKER	USA	2009		
58.10	ANDREA TOJA	ITA	2009	1:59.37	KAI DITZEL	GER	2008		
58.18	STEVE HILTABIDDLE	USA	2008	1:59.56	MARCUS MATTIOLI	BRA	2006		
58.29	CHRIS STEVENSON	USA	2008	1:59.60	MARCO COLOMBO	ITA	2007		
58.31	MICHAEL SORENSEN	USA	2008	2:00.44	PAUL SMITH	USA	2006		
200 M. FLY				2:00.89	DAN STEPHENSON	USA	2002		
2:05.55	DENNIS BAKER	USA	2004	2:01.25	DANIEL MACHEK	CZE	2006		
2:09.47	WILLIAM SPECHT	USA	1998	2:01.30	JACK GROSELLE	USA	2002		
2:10.20	MIKE SHAFFER	USA	2006	2:01.67	JAMES MONTGOMERY	USA	2002		
2:11.53	JAMES BELARDI	USA	1997	400 M. FREE		50 M. BRST			
2:12.43	HESS YNTEMA	USA	1996	4:09.20	DENNIS BAKER	USA	2008		
2:12.66	JOSEPH RHYNE	USA	1999	4:11.07	KEITH SWITZER	USA	2009		
2:13.50	MARK MAGEE	USA	2009	4:14.81	MARCUS MATTIOLI	BRA	2006		
2:13.65	A.LAVEGLIA	ITA	2008	4:16.20	MICHAEL PRUFERT	GER	2009		
2:14.17	TAIHEI SAKA	JPN	2008	4:18.78	MICHAEL KLEIBER	GER	2009		
2:14.83	DAMIANO NANETTI	ITA	2002	4:18.93	JEFF ERWIN	USA	2009		
200 M. I.M.				4:20.23	DANIEL MACHEK	CZE	2006		
2:10.63	ALBERTO MONTINI	ITA	2009	4:21.13	DAN STEPHENSON	USA	2002		
2:12.41	PETER BERMEL	GER	2007	4:21.16	JIM MCCONICA	USA	1999		
2:14.13	ERIK HOCHSTEIN	USA	2009	4:21.26	CHRIS STEVENSON	USA	2009		
2:14.39	LORENZO BENUCCI	USA	2007	800 M. FREE		100 M. BRST			
2:15.10	JENS-PETER BERNDT	USA	2004	8:42.85	MARCUS MATTIOLI	BRA	2006		
2:15.53	JAMES SORENSEN	USA	1998	8:50.06	MICHAEL KLEIBER	GER	2009		
2:15.75	MICHAEL ROSS	USA	2009	8:52.20	MICHAEL PRUFERT	GER	2009		
2:16.07	JIM TUCHLER	USA	2009	8:53.94	JEFF ERWIN	USA	2009		
2:16.44	GRZEGORZ STANEK	POL	2009	8:58.50	RICARDO VALDIVIA	USA	2009		
2:16.51	GREGORY SARGENT	USA	2007	8:58.84	JIM MCCONICA	USA	1999		
2:16.51	DARIUSZ WOLNY	POL	2000	9:03.54	DANIEL MACHEK	CZE	2004		
400 M. I.M.				9:07.99	GEORGE TIDMARSH	USA	2006		
4:47.01	PETER BERMEL	GER	2007	9:08.34	MARK DRENNEN	USA	2004		
4:48.98	ALBERTO MONTINI	ITA	2008	9:10.06	CALUM MCKINLAY	GBR	2009		
4:49.42	DENNIS BAKER	USA	2005	1500 M. FREE		200 M. BRST			
4:49.62	DARIUSZ WOLNY	POL	2000	16:38.81	JEFF ERWIN	USA	2009		
4:50.74	GUNTER GOTTFRIED	GER	2000	16:57.17	RICARDO VALDIVIA	USA	2009		
4:50.97	LORENZO BENUCCI	USA	2007	16:58.68	MICHAEL KLEIBER	GER	2009		
4:53.03	HESS YNTEMA	USA	1995	17:10.90	GEORGE TIDMARSH	USA	2005		
4:53.24	JENS-PETER BERNDT	USA	2004	17:11.41	MICHAEL PRUFERT	GER	2009		
4:53.39	A.TIBERTI	ITA	2004	17:12.28	MARCUS MATTIOLI	BRA	2008		
4:53.46	A.LAVEGLIA	ITA	2006	17:23.73	CALUM MCKINLAY	GBR	2009		
*****				17:28.77	BOBBY PATTEN	USA	2009		
*****				17:28.80	B.BORDONALI	ITA	2007		
*****				17:31.23	TODD BRYAN	USA	1998		
*****				50 M. BACK		50 M. FLY			
50 M. FREE				28.05	STEVE WOOD	USA	2008		
24.26	BRENT BARNES	JPN	2004	28.14	ANDE RASMUSSEN	USA	2008		
24.29	PAUL SMITH	USA	2006	28.32	J CLAY BRITT	USA	2008		
24.40	STEVE WOOD	USA	2008	28.44	CHRIS STEVENSON	USA	2009		
24.50	ANDREA NICOLAO	ITA	2009	28.77	JAY YARID	USA	2008		
24.50	ANDE RASMUSSEN	USA	2008	29.01	CRAIG NORREY	SUI	2006		
24.72	METELLO SAVINO	ITA	2008	29.16	AL JAEGERS	USA	2008		
24.74	MARCO COLOMBO	ITA	2005	29.17	MARCO COLOMBO	ITA	2005		
24.75	GARY SCHATZ	USA	2000	29.18	PETER ROCCA	USA	2002		
24.84	JANNE VIRTANEN	FIN	2009	29.22	ANDERS RASMUSSEN	USA	2009		
24.87	G.GIGLIETTI	ITA	2006	29.22	JOHN ENGS	USA	2008		
100 M. FREE				100 M. BACK		100 M. FLY			
53.77	MARCO COLOMBO	ITA	2005	1:00.13	STEVE WOOD	USA	2008		
53.90	JACK GROSELLE	USA	1999	1:00.55	CHRIS STEVENSON	USA	2009		
54.15	PAUL SMITH	USA	2008	1:02.07	J CLAY BRITT	USA	2006		
54.22	JAMES MONTGOMERY	USA	2002	1:02.62	FRITZ LEHMAN	USA	2003		
54.79	KEITH SWITZER	USA	2009	1:02.79	JAY YARID	USA	2008		
54.83	DAVID BOATWRIGHT	USA	2006	1:02.92	MARCO COLOMBO	ITA	2005		
54.95	STEVE WOOD	USA	2007	1:02.94	JOHN ENGS	USA	2008		
55.13	MARK REYNOLDS	GBR	2008	1:03.15	JORGE FARIA	POR	2009		
55.35	PAUL CARTER	USA	2002	1:03.19	TAIHEI SAKA	JPN	2009		
55.39	F.RODRIGUEZ	PER	2009	1:03.50	ANDE RASMUSSEN	USA	2008		
						200 M. FLY			
						25.90	PAUL SMITH	USA	2006
						26.03	ANDE RASMUSSEN	USA	2008
						26.12	PAUL CARTER	USA	2002
						26.54	ANDREA NICOLAO	ITA	2009
						26.57	GREGG PRICE	RSA	2008
						26.64	TRIP HEDRICK	USA	2003
						26.65	ANDERS RASMUSSEN	USA	2009
						26.70	LARRY GOLDEN	USA	2009
						26.85	C.LUTOTOVICH	ARG	2009
						26.91	JANNE VIRTANEN	FIN	2009
						56.42	PAUL CARTER	USA	2002
						57.60	PAUL SMITH	USA	2008
						58.47	C.LUTOTOVICH	ARG	2009
						59.10	CHRIS STEVENSON	USA	2009
						59.20	DENNIS BAKER	USA	2009
						59.38	WILLIAM SPECHT	USA	2003
						59.40	ANDERS RASMUSSEN	USA	2009
						59.63	SCOTT CARPENTER	USA	2009
						59.64	JOHN ENGS	USA	2008
						59.73	MARCUS MATTIOLI	BRA	2008



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

2:04.07 DENNIS BAKER USA 2008	2:06.84 JEFFREY PEROUT USA 2003	2:27.16 FRED FERROGGIARO USA 2005
2:08.34 MARCUS MATTIOLI BRA 2006	2:06.98 MARK DRENNEN USA 2006	50 M. BRST
2:10.97 PAUL CARTER USA 2002	400 M. FREE	30.97 OLIVIER BORIOS FRA 2009
2:11.02 WILLIAM SPECHT USA 2003	4:16.61 DAN STEPHENSON USA 2007	30.97 GARY PATTERSON USA 2009
2:14.96 JIM BELARDI USA 2002	4:19.47 JIM MCCONICA USA 2000	31.37 DOUG MALCOLM USA 2007
2:16.41 FRED SCHUSTER USA 2009	4:20.71 BOB BUGG USA 2009	31.50 GLEN CHRISTIANSEN SWE 2009
2:17.71 JAMES DENSMORE USA 2000	4:22.79 JOSEPH RHYNE USA 2009	31.96 RONNY OLTNER SWE 2007
2:17.94 HUGO BREGMAN NED 2007	4:24.31 DANIEL MACHEK CZE 2009	32.01 LORENZO MERLI ITA 2009
2:19.30 MICHAEL SCHMIDT USA 2009	4:24.41 FRANCIS CHRISTIAN AUS 2008	32.16 ROBERT STRAND USA 1998
2:19.34 KAI DITZEL GER 2008	4:27.07 MARK DRENNEN USA 2006	32.18 WOLFGANG PIRL GER 2009
200 M. I.M.	4:27.91 MICHAEL MANN USA 2008	32.20 JACK GROSELLE USA 2004
2:16.12 DENNIS BAKER USA 2006	4:29.35 DJAN MADRUGA BRA 2009	32.23 BENN DOYLE USA 2008
2:16.32 TAIHEI SAKA JPN 2009	4:32.51 TOD SPIEKER USA 1998	100 M. BRST
2:18.58 MARCO COLOMBO ITA 2007	800 M. FREE	1:09.36 GARY PATTERSON USA 2009
2:18.61 SERGII FESENKO UKR 2004	9:03.84 JIM MC CONICA USA 2001	1:10.09 GLEN CHRISTIANSEN SWE 2009
2:18.80 EDWIN VAN NORDEN NED 2009	9:06.61 DAN STEPHENSON USA 2007	1:11.49 JACK GROSELLE USA 2004
2:19.67 SHAWN O'GORMAN USA 2006	9:11.84 BOB BUGG USA 2009	1:11.55 TIMUR PODMAREV RUS 2007
2:19.69 PAUL CARTER USA 2002	9:13.23 DANIEL MACHEK CZE 2009	1:11.59 DOUG MALCOLM USA 2007
2:20.03 A.TIBERTI ITA 2008	9:13.39 JOSEPH RHYNE USA 2009	1:11.90 ROBERT STRAND USA 1998
2:20.67 ROGER VON JOUANNE USA 2006	9:13.68 MARK DRENNEN USA 2006	1:12.22 PATRICK ALLENDER USA 2009
2:21.24 ANDERS RASMUSSEN USA 2009	9:14.23 LORENZO MARUGO ITA 2004	1:12.27 RONNY OLTNER SWE 2007
400 M. I.M.	9:17.51 FRANCIS CHRISTIAN AUS 2008	1:12.32 DON MC KENZIE USA 1997
4:50.27 MARCUS MATTIOLI BRA 2008	9:17.97 MICHAEL MANN USA 2006	1:12.49 WOLFGANG PIRL GER 2009
4:50.73 DENNIS BAKER USA 2006	9:22.36 DJAN MADRUGA BRA 2009	200 M. BRST
4:57.54 A.TIBERTI ITA 2008	1500 M. FREE	2:34.70 TIMUR PODMAREV RUS 2007
4:59.83 DJAN MADRUGA BRA 2004	17:08.33 JIM MCCONICA USA 2000	2:35.08 LORENZO MARUGO ITA 2004
5:00.08 LEN GUSHE CAN 2008	17:40.70 MARK DRENNEN USA 2006	2:39.08 RICK COLELLA USA 2001
5:00.60 CAMERON REID USA 2006	17:52.24 LORENZO MARUGO ITA 2004	2:40.05 WOLFGANG PIRL GER 2009
5:02.06 LINCOLN DJANG USA 2008	18:00.54 FRANCIS CHRISTIAN AUS 2007	2:40.29 PATRICK ALLENDER USA 2008
5:02.54 SHAWN O'GORMAN USA 2006	18:04.63 R TOD SPIEKER USA 1998	2:40.57 ROBERT STRAND USA 1996
5:02.56 ANDERS RASMUSSEN USA 2009	18:05.24 ANDREW BRAY USA 2009	2:41.02 BENN DOYLE USA 2008
5:03.38 ROGER VON JOUANNE USA 2006	18:11.41 KEITH BERRYHILL USA 2009	2:41.69 DAVID HOLLAND USA 2009
*****	18:13.47 JIM CLEMMONS USA 2002	2:41.79 LORENZO MERLI ITA 2009
M E N 50-54	18:15.68 LARRY KRAUSER USA 2005	2:42.68 GREG SCOTT USA 2009
*****	18:16.92 JOHN HUGHES USA 2005	50 M. FLY
50 M. FREE	50 M. BACK	25.88 PAUL CARTER USA 2008
24.08 BRENT BARNES JPN 2009	29.43 JAMIE FOWLER USA 2009	26.23 TRIP HEDRICK USA 2004
24.58 AMBROSE GAINES USA 2009	29.63 RAMON VOLCAN VEN 2009	26.56 PAUL SMITH USA 2009
24.60 RICHARD ABRAHAMS USA 1998	29.81 TOM WOLF USA 2004	26.80 RAMON VOLCAN VEN 2009
24.88 RICK ABBOTT USA 2008	29.93 GIANNI BERTOLI ITA 2009	26.83 RICK ABBOTT USA 2008
24.89 JACK GROSELLE USA 2004	29.95 JOHN VAN BUUREN CAN 2004	27.10 HUGO BREGMAN NED 2009
24.94 TRIP HEDRICK USA 2006	30.03 SCOTT SHAKE USA 2008	27.12 JOHN FIELDS USA 2007
25.03 GARY SCHATZ USA 2005	30.16 ANDRE STEYNBERG RSA 2006	27.13 RICHARD ABRAHAMS USA 1998
25.21 PAUL SMITH USA 2009	30.35 ALBERT BOONSTRA NED 2009	27.30 SAM FRANKLIN USA 2007
25.36 LARRY FORSYTH AUS 2009	30.36 CASEY CLAFLIN USA 2003	27.30 GREG SHAW USA 2005
25.39 JOHN FIELDS USA 2007	30.48 MARIO LLORET ESP 2009	100 M. FLY
100 M. FREE	100 M. BACK	57.23 PAUL CARTER USA 2008
54.93 JACK GROSELLE USA 2004	1:02.93 JAMIE FOWLER USA 2009	59.49 TRIP HEDRICK USA 2004
54.94 BOB BUGG USA 2009	1:04.70 GIANNI BERTOLI ITA 2009	59.67 HUGO BREGMAN NED 2009
55.11 DAN STEPHENSON USA 2007	1:04.83 TOM WOLF USA 2004	1:00.55 WILLIAM SPECHT USA 2009
55.13 RICK ABBOTT USA 2008	1:05.02 RICK ABBOTT USA 2008	1:01.43 JOHN VAN BUUREN CAN 2004
55.38 TRIP HEDRICK USA 2006	1:05.81 SCOTT SHAKE USA 2008	1:01.63 PAUL BLACKBEARD RSA 2008
55.42 PAUL SMITH USA 2009	1:06.28 DAN STEPHENSON USA 2007	1:01.64 JOHN PHILLIPS USA 2009
56.06 BRENT BARNES JPN 2008	1:06.36 V.GALAVTINE RUS 2003	1:01.79 GREG SHAW USA 2003
56.37 JOHN VAN BUUREN CAN 2004	1:06.43 ROBERT SUPPLE USA 2006	1:01.93 JOHN MCCALL USA 2003
56.44 LEE MENCH USA 2003	1:06.50 MARIO LLORET ESP 2008	1:01.94 LAWRENCE DAY USA 2001
56.47 JOHN FIELDS USA 2006	1:06.52 WIESLAW MUSIAL CAN 2007	200 M. FLY
200 M. FREE	200 M. BACK	2:15.06 HUGO BREGMAN NED 2009
2:00.34 DAN STEPHENSON USA 2007	2:17.74 JAMIE FOWLER USA 2009	2:18.57 PAUL CARTER USA 2008
2:01.40 BOB BUGG USA 2009	2:20.51 TOM WOLF USA 2004	2:19.16 FRANCIS CHRISTIAN AUS 2008
2:02.50 JIM MCCONICA USA 2000	2:22.26 SCOTT SHAKE USA 2009	2:19.35 JOSEPH RHYNE USA 2009
2:03.66 JACK GROSELLE USA 2004	2:22.62 WIESLAW MUSIAL CAN 2008	2:20.46 WILLIAM SPECHT USA 2009
2:04.34 DANIEL MACHEK CZE 2009	2:25.57 BOB BUGG USA 2009	2:21.40 SCOTT LAUTMAN USA 2004
2:05.01 EDGARS OZOLINS LAT 2009	2:25.70 JIM MCCONICA USA 2000	2:22.29 LAWRENCE DAY USA 2001
2:05.07 FRANCIS CHRISTIAN AUS 2008	2:26.14 GIANNI BERTOLI ITA 2009	2:25.14 JIM MC CONICA USA 2001
2:06.21 LARRY KRAUSER USA 2003	2:26.54 RICK STRINGER USA 2000	2:26.11 DAVE TANNER USA 2000
	2:27.01 R TOD SPIEKER USA 1998	2:26.17 BOO GRANER-GALLAS USA 1997



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

200 M. I.M.		4:41.12	GEORGE WATSON	USA 2002	33.32	ROBERT STRAND	USA 2002	
2:18.05	JAMIE FOWLER	USA 2009	4:41.46	LARRY KRAUSER	USA 2008	33.37	DONALD MCKENZIE	USA 2002
2:20.02	MICHAEL MANN	USA 2008	4:42.19	PHIL DODSON	USA 2008	33.57	RALPH SCHALLON	SUI 2009
2:20.99	KEN SHILLING	USA 2008	800 M. FREE			100 M. BRST		
2:23.06	LORENZO MARUGO	ITA 2004	9:00.09	MICHAEL MANN	USA 2009	1:11.13	TIMOTHY SHEAD	RSA 2008
2:23.45	RICK COLELLA	USA 2001	9:06.86	JIM MCCONICA	USA 2006	1:12.85	WALTER KUSCH	GER 2009
2:23.86	JACK GROSELLE	USA 2005	9:22.02	STEVE PRESCOTT	NZL 2009	1:13.11	JACK GROSELLE	USA 2009
2:23.88	TOM WOLF	USA 2004	9:35.87	TODD BRYAN	USA 2006	1:14.21	RANDY PARKER	USA 2009
2:24.77	SERGII FESENKO	UKR 2009	9:37.49	J.CHATARD	FRA 2006	1:14.30	RICK COLELLA	USA 2008
2:25.72	MICHAL BARES	CZE 2009	9:40.68	R TOD SPIEKER	USA 2003	1:14.47	RALPH SCHALLON	SUI 2009
2:25.75	DAN STEPHENSON	USA 2008	9:42.16	R SCOTT TOWNSEND	USA 2009	1:14.80	ROBERT STRAND	USA 2001
400 M. I.M.		9:43.93	JIM CLEMMONS	USA 2005	1:15.45	TOSHIHARU FUJII	JPN 2009	
5:03.27	LORENZO MARUGO	ITA 2004	9:46.83	LARRY KRAUSER	USA 2008	1:15.81	DONALD MCKENZIE	USA 2002
5:04.32	JAMIE FOWLER	USA 2009	9:49.03	GEORGE WATSON	USA 2002	1:15.99	STUART ELLICOTT	AUS 2009
5:05.82	RICK COLELLA	USA 2001	1500 M. FREE			200 M. BRST		
5:06.60	HUGO BREGMAN	NED 2009	17:22.61	MICHAEL MANN	USA 2009	2:38.66	RICK COLELLA	USA 2008
5:07.52	JIM MCCONICA	USA 2002	17:40.10	JIM MC CONICA	USA 2005	2:41.54	TIMOTHY SHEAD	RSA 2008
5:10.32	MICHAEL MANN	USA 2006	18:19.49	STEVE PRESCOTT	NZL 2009	2:44.22	RALPH SCHALLON	SUI 2009
5:10.94	MARK DRENNEN	USA 2006	18:35.85	J.CHATARD	FRA 2006	2:45.87	LORENZO MARUGO	ITA 2007
5:11.38	SCOTT SHAKE	USA 2008	18:43.42	LARRY WOOD	USA 2009	2:46.31	ROBERT STRAND	USA 2001
5:11.76	DJAN MADRUGA	BRA 2009	18:44.38	GEORGE KEENAN	USA 2009	2:49.48	ROBERT WEYHENKE	NED 2007
5:17.34	ALEXANDER MILLS	NOR 2004	18:45.20	RICK WALKER	USA 2005	2:50.44	WILLIAM GONZALEZ	USA 1997
		18:51.75	JOEL KRIGER	BRA 2009	2:50.48	JIM CLEMMONS	USA 2006	
		18:55.54	M.CAFFERY	USA 2008	2:51.10	GERSHON SHEFA	ISR 2001	
*****		18:57.38	R TOD SPIEKER	USA 2004	2:51.21	HIROKAZU AOYAMA	JPN 2009	
M E N 55-59		50 M. BACK			50 M. FLY			
*****		30.09	GARY HALL	USA 2009	26.86	GARY HALL	USA 2009	
50 M. FREE		30.78	HUGH WILDER	USA 2004	27.08	GREG SHAW	USA 2007	
25.01	JACK GROSELLE	USA 2009	30.79	ALISTAIR COCKBURN	USA 2008	27.43	RICHARD ABRAHAMS	USA 2002
25.31	MIKE TENNANT	USA 2008	30.83	PHILIPP DJANG	USA 2009	27.49	DAVID HAGUE	USA 2009
25.53	RICHARD ABRAHAMS	USA 2002	31.10	KIERAN KELLEHER	ITA 2003	27.64	DOUG MARTIN	USA 2009
25.59	DOUG MARTIN	USA 2009	31.21	WES EDWARDS	USA 2008	27.80	STEVE BOROWSKI	USA 2003
25.74	PAUL TREVISAN	USA 2006	31.22	RICHARD BOBER	USA 2006	28.22	KEEFE LODWIG	USA 1998
25.98	BARRY ROTH	USA 2009	31.52	RICHARD SMITH	USA 1998	28.24	LEONARD BIELICZ	SWE 2007
25.99	LEONARD BIELICZ	SWE 2007	31.71	TIM BIRNIE	USA 2000	28.29	KEVIN MCCORMACK	USA 2009
26.04	TERRY DOWNES	RSA 2004	31.84	GREG SHAW	USA 2007	28.35	JEAN-MARIE CADIAT	BEL 2009
26.11	STEVE BOROWSKI	USA 2002	100 M. BACK			100 M. FLY		
26.14	MICHAEL MANN	USA 2009	1:06.14	GARY HALL	USA 2009	1:01.05	GREG SHAW	USA 2006
100 M. FREE		1:07.29	TIMOTHY SHEAD	RSA 2008	1:01.83	BRAD HORNER	USA 2009	
56.08	JACK GROSELLE	USA 2009	1:07.81	HUGH WILDER	USA 2002	1:03.24	LEONARD BIELICZ	SWE 2006
57.08	MICHAEL MANN	USA 2009	1:08.20	WES EDWARDS	USA 2008	1:03.90	RICHARD ABRAHAMS	USA 2000
57.60	BRAD HORNER	USA 2009	1:08.21	PHILIPP DJANG	USA 2009	1:03.95	SCOTT LAUTMAN	USA 2008
57.83	CHARLES LEMAISTRE	USA 2009	1:08.55	RICHARD BOBER	USA 2006	1:04.15	STEVE BOROWSKI	USA 2003
57.85	ALEXANDER MILLS	NOR 2006	1:09.24	JOHN MARCH	AUS 2008	1:04.19	JOHN MARCH	AUS 2008
58.07	PAUL TREVISAN	USA 2006	1:09.27	TIM BIRNIE	USA 2000	1:04.50	JEAN-MARIE CADIAT	BEL 2009
58.15	DOUG MARTIN	USA 2009	1:09.48	JIM ADAMS	IRL 2007	1:04.62	LEONARD MCCORMACK	USA 2009
58.18	MIKE TENNANT	USA 2008	1:10.30	MARK PUGLIESE	USA 2007	1:05.16	SHIGEO ASANO	JPN 2004
58.23	RICHARD ABRAHAMS	USA 2002	1:10.30	RICHARD BURNS	USA 2001	200 M. FLY		
58.41	TIMOTHY GARTON	USA 1998	200 M. BACK			2:18.97	BRAD HORNER	USA 2009
200 M. FREE		2:25.89	JIM MC CONICA	USA 2005	2:25.35	GREG SHAW	USA 2006	
2:04.01	MICHAEL MANN	USA 2009	2:27.49	FRED FERROGGIARO	USA 2008	2:26.37	SCOTT LAUTMAN	USA 2008
2:05.82	JACK GROSELLE	USA 2009	2:29.60	JOHN MARCH	AUS 2008	2:27.22	JOHN MARCH	AUS 2008
2:08.03	JIM MC CONICA	USA 2005	2:29.67	WES EDWARDS	USA 2008	2:28.62	JIM MC CONICA	USA 2006
2:08.67	BRAD HORNER	USA 2009	2:30.02	PHILIPP DJANG	USA 2009	2:31.29	PATRICK BERGER	FRA 2009
2:09.25	PHIL DODSON	USA 2008	2:30.26	JIM ADAMS	IRL 2007	2:31.58	JOHN CRAIG	USA 2009
2:09.54	BILL DEVENISH	AUS 2008	2:30.82	R TOD SPIEKER	USA 2003	2:32.29	TAKEO HIRAMOTO	JPN 2005
2:10.11	ALEXANDER MILLS	NOR 2006	2:30.84	TIM BIRNIE	USA 2000	2:33.32	ROBERT POILETMAN	USA 2002
2:10.16	STEVEN PRESCOTT	NZL 2009	2:32.93	JOHN CALVERT	USA 2000	2:34.90	PETER GILMOUR	AUS 1997
2:10.62	LARRY KRAUSER	USA 2008	2:32.97	EDDIE RIACH	GBR 2008	200 M. I.M.		
2:10.90	TERRY DOWNES	RSA 2004	50 M. BRST			2:20.83	MICHAEL MANN	USA 2009
400 M. FREE		31.05	WALTER KUSCH	GER 2009	2:24.12	RICK COLELLA	USA 2008	
4:22.49	MICHAEL MANN	USA 2009	32.07	TIMOTHY SHEAD	RSA 2008	2:24.16	TIMOTHY SHEAD	RSA 2008
4:25.34	JIM MC CONICA	USA 2005	32.44	JACK GROSELLE	USA 2009	2:27.60	GREG SHAW	USA 2006
4:33.42	STEVE PRESCOTT	NZL 2009	32.72	STUART ELLICOTT	AUS 2009	2:27.92	ALEXANDER MILLS	NOR 2006
4:37.94	J.CHATARD	FRA 2006	32.74	RANDY PARKER	USA 2009	2:28.12	JACK GROSELLE	USA 2009
4:38.81	R TOD SPIEKER	USA 2003	33.03	ALEXANDER MILLS	NOR 2006	2:29.02	JIM MCCONICA	USA 2005
4:39.19	BILL DEVENISH	AUS 2008	33.03	HIROSHI KOTEGAWA	JPN 1993	2:29.37	ROBERT WEYHENKE	NED 2007
4:39.56	R SCOTT TOWNSEND	USA 2009						



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

2:30.33	JOHN CALVERT	USA	2000	10:16.84	JAMES MCCLEERY	USA	2006	1:19.32	DIETER HOEFEL	GER	2009
2:32.07	RONALD ARMSTRONG	CAN	2006	10:18.48	GEORGE WENDT	USA	2008	1:19.40	SEIKO OKAZAKI	JPN	2009
400 M. I.M.				10:21.49	FRANK MCELROY	USA	2009	1:19.82	DRURY GALLAGHER	USA	1999
5:04.07	MICHAEL MANN	USA	2009	10:21.75	JEAN LESTIDEAU	FRA	2008	1:20.53	JOZEF KLUKOWSKI	POL	2008
5:17.10	JIM MC CONICA	USA	2005	10:24.91	D.UIJTENBOGAART	NED	2007	1:20.53	DAVID GILDEA	USA	2003
5:26.63	JOHN CALVERT	USA	2000	1500 M. FREE				200 M. BRST			
5:27.57	RONALD ARMSTRONG	CAN	2006	19:07.93	GEORGE WENDT	USA	2008	2:50.77	ROBERT STRAND	USA	2008
5:28.27	JACK GROSELLE	USA	2009	19:25.68	SANDY GALLETLY	GBR	2002	2:52.54	ALLEN STARK	USA	2009
5:30.36	JIM CLEMMONS	USA	2009	19:26.67	DUNCAN MCCREADIE	GBR	2005	2:55.26	GERSHON SHEFA	ISR	2004
5:32.45	CELSE JUGEND	BRA	2009	19:40.20	VITTORIO ERMIRIO	ITA	2002	2:55.49	KENNETH FROST	USA	2006
5:32.64	ALEX SHESTAKOV	USA	2006	19:50.21	D.UIJTENBOGAART	NED	2009	2:55.81	GEORGE WENDT	USA	2008
5:33.69	G.SCARAMEL	ITA	2009	19:53.86	STEVE JOHNSON	USA	2008	2:58.37	THOMAS WALKER	GBR	1996
5:33.81	PHIL DODSON	USA	2008	19:58.27	FRANK MCELROY	USA	2009	2:58.78	DRURY GALLAGHER	USA	1999
*****				20:04.73	GRAHAM JOHNSTON	USA	1995	2:58.92	MICHAEL MOLONEY	AUS	2002
M E N 60-64				20:06.29	VICTOR PAUL	AUS	2008	2:58.94	JURGEN ALTENHOFEN	GER	2004
*****				20:07.99	EDWARD CAZALET	USA	2002	2:59.30	JOZEF KLUKOWSKI	POL	2008
50 M. FREE				50 M. BACK				50 M. FLY			
25.23	RICHARD ABRAHAMS	USA	2006	31.46	HUGH WILDER	USA	2007	27.92	RICHARD ABRAHAMS	USA	2005
25.85	VINCENZO DE SIO	ITA	2008	32.11	RICHARD BURNS	USA	2003	28.55	DINO BERNARDI	ITA	2008
26.70	JEFF FARRELL	USA	1998	32.55	STEVEN HECK	USA	2009	28.79	JOEL BURNS	USA	2007
26.94	JAMES ELDER	USA	2006	32.58	YURY CHIRKOV	RUS	2009	28.97	JIM DRAGON	USA	2006
27.02	JAMES DE LACY	USA	2006	32.66	PETER O'BRIEN	CAN	2009	29.22	JOSEF CLARET	ESP	2004
27.13	FUMIO SHIGENO	JPN	2009	32.66	TIM BIRNIE	USA	2006	29.23	KEEFE LODWIG	USA	2003
27.33	GERHARD SCHILLER	GER	2009	32.76	J.LESTIDEAU	FRA	2006	29.35	JAMES DE LACY	USA	2006
27.38	VINUS VAN BAALEN	USA	2006	32.87	JOSE LORO	BRA	2009	29.55	STEVEN HECK	USA	2009
27.42	ALAN BROWN	AUS	2008	33.00	JOZEF CSIKANY	HUN	2005	29.64	J.LESTIDEAU	FRA	2009
27.57	TOM MEADE	USA	2009	33.01	ROBERT SMITH	USA	2003	29.66	SHIGEO ASANO	JPN	2009
100 M. FREE				100 M. BACK				100 M. FLY			
58.61	RICHARD ABRAHAMS	USA	2005	1:08.77	HUGH WILDER	USA	2007	1:03.03	RICHARD ABRAHAMS	USA	2005
59.66	JAMES DE LACY	USA	2006	1:11.89	RICHARD BURNS	USA	2006	1:03.98	FRED SCHLICHER	USA	2008
1:00.11	JEFF FARRELL	USA	1998	1:11.94	PETER O'BRIEN	CAN	2009	1:06.63	ROBERT POILETMAN	USA	2003
1:00.27	DAVID QUIGGIN	USA	2004	1:12.25	YURY CHIRKOV	RUS	2009	1:06.65	JOEL BURNS	USA	2009
1:00.71	TERRY DOWNES	RSA	2009	1:12.62	JOZSEF CSIKANY	HUN	2006	1:07.98	SHIGEO ASANO	JPN	2008
1:01.02	GRAHAM CROFT	AUS	2008	1:12.90	TIM BIRNIE	USA	2006	1:08.04	JEAN LESTIDEAU	FRA	2007
1:01.03	GERHARD SCHILLER	GER	2009	1:14.23	J.LESTIDEAU	FRA	2006	1:08.42	JOSEF CLARET	ESP	2005
1:01.25	KEEFE LODWIG	USA	2003	1:14.38	BARRY YOUNG	NZL	2002	1:09.11	JAMES DE LACY	USA	2006
1:02.02	RICHARD KITTEL	USA	2008	1:14.63	DIETER SEIFERT	GER	2009	1:09.67	BORIS RUZHITSKIY	RUS	2007
1:02.08	ALAN BROWN	AUS	2006	1:14.66	EBBE RASMUSSEN	DEN	2009	1:09.70	FRED BAIRD	USA	2008
200 M. FREE				200 M. BACK				200 M. FLY			
2:12.69	FRED SCHLICHER	USA	2008	2:37.20	STEVEN HECK	USA	2009	2:31.58	FRED SCHLICHER	USA	2008
2:13.32	JAMES DE LACY	USA	2006	2:39.01	JOHN CALVERT	USA	2006	2:33.72	ROBERT POILETMAN	USA	2003
2:13.94	GRAHAM CROFT	AUS	2008	2:39.36	PETER O'BRIEN	CAN	2009	2:40.12	JEAN LESTIDEAU	FRA	2008
2:15.35	DUNCAN MCCREADIE	FRA	2006	2:39.50	BARRY YOUNG	NZL	2002	2:45.28	KOJI IWAMOTO	JPN	2002
2:17.01	TERRY DOWNES	RSA	2009	2:41.27	RICHARD BURNS	USA	2006	2:46.06	DEREK PARR	GBR	2006
2:17.43	TOM LANDIS	USA	2002	2:41.51	EDWARD CAZALET	USA	2003	2:47.35	JOEL BURNS	USA	2009
2:18.39	LONNY HARRISON	USA	2008	2:41.60	HUGH WILDER	USA	2007	2:47.56	GABOR CSABA	HUN	2007
2:18.52	RICHARD ABRAHAMS	USA	2006	2:41.87	TIM BIRNIE	USA	2006	2:47.94	DOUGLAS MILLER	USA	2007
2:18.60	JOHN CALVERT	USA	2006	2:42.75	TERRY DOWNES	RSA	2009	2:49.77	JOACHIM HINTZE	GER	2003
2:18.68	CHRIS DUNN	GBR	2006	2:43.29	JOZSEF CSIKANY	HUN	2006	2:51.43	BARRY YOUNG	NZL	2002
400 M. FREE				50 M. BRST				200 M. I.M.			
4:48.25	GRAHAM CROFT	AUS	2008	33.41	ROBERT STRAND	USA	2008	2:30.72	FRED SCHLICHER	USA	2008
4:49.83	GEORGE WENDT	USA	2008	34.35	DIETER HOEFEL	GER	2009	2:34.86	STEVEN HECK	USA	2009
4:51.23	DUNCAN MCCREADIE	GBR	2005	34.42	PETER ANDERSEN	USA	2003	2:36.07	JOHN CALVERT	USA	2006
4:54.79	CHRIS DUNN	GBR	2006	34.59	AKIO SUGIYAMA	JPN	1995	2:38.89	JEAN LESTIDEAU	FRA	2008
4:55.64	FRANK MCELROY	USA	2009	34.68	HIROSHI KOTEGAWA	JPN	1995	2:39.65	LONNY HARRISON	USA	2008
4:57.03	SANDY GALLETLY	GBR	2002	34.70	JOZEF KLUKOWSKI	POL	2006	2:40.00	DUNCAN MCCREADIE	GBR	2005
4:58.33	STEVE JOHNSON	USA	2008	34.71	KENNETH FROST	USA	2008	2:40.63	ROBERT STRAND	USA	2006
4:58.59	VITTORIO ERMIRIO	ITA	2002	34.92	DIETER HOFEL	GER	2008	2:40.95	EDWARD CAZALET	USA	2003
4:59.08	JOHN CALVERT	USA	2006	35.03	YOSHIHIKO OSAKI	JPN	2000	2:41.20	GEORGE WENDT	USA	2008
4:59.09	FABRIZIO MOMONI	ITA	2001	35.15	WOLFGANG GATCKE	GER	2009	2:41.47	GERSHON SHEFA	ISR	2006
800 M. FREE				100 M. BRST				400 M. I.M.			
10:02.40	DUNCAN MCCREADIE	GBR	2005	1:15.42	ROBERT STRAND	USA	2008	5:30.99	FRED SCHLICHER	USA	2008
10:06.75	SANDY GALLETLY	GBR	2002	1:16.83	ALLEN STARK	USA	2009	5:40.42	J.LESTIDEAU	FRA	2007
10:06.94	GRAHAM CROFT	AUS	2008	1:17.50	KENNETH FROST	USA	2007	5:41.07	JOHN CALVERT	USA	2006
10:09.12	JOHN CALVERT	AUS	2006	1:18.28	ALBERT KOSTITSYN	FIN	2002	5:43.77	GEORGE WENDT	USA	2008
10:15.35	STEVE JOHNSON	USA	2008	1:18.30	GERSHON SHEFA	ISR	2007	5:46.05	DUNCAN MCCREADIE	GBR	2005
				1:18.63	PETER ANDERSEN	USA	2003	5:46.59	GIAMPIERO FOSSATI	ITA	2004



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

5:47.21	GERSHON SHEFA	ISR	2006	20:27.72	VICTOR PAUL	AUS	2009	3:04.10	YOSHIAKI AOKI	JPN	2005
5:48.77	FRANK MCELROY	USA	2009	20:58.00	JOACHIM HINTZE	GER	2008	3:06.08	THOMAS WALKER	GBR	2002
5:49.43	EDWARD CAZALET	USA	2002	21:00.77	DAVID HARRISON	USA	2003	3:06.44	DAVID GILDEA	USA	2009
5:50.40	BARRY YOUNG	NZL	2002	21:12.01	RAYMOND STOKES	GBR	2004	3:07.92	MIKE FRESHLEY	USA	2006
*****				21:12.67	DON DAVIS	USA	2009	3:09.55	HANS REICHEL	GER	2003
*****				21:17.75	DAVID QUIGGIN	USA	2009	3:09.60	ERIK HAITES	CAN	2008
*****				21:34.90	LUCIANO CAMELLI	ITA	2008	50 M. FLY			
*****				50 M. BACK				28.54	JOSEF CLARET	ESP	2009
50 M. FREE				32.19	RICHARD BURNS	USA	2009	28.68	KEEFE LODWIG	USA	2008
27.15	JEFF FARRELL	USA	2002	33.50	BERND HORSTMANN	GER	2008	28.69	JIM DRAGON	USA	2009
27.31	VINUS VAN BAALEN	USA	2007	33.54	YOSHI OYAKAWA	USA	1999	30.13	ROBERT OLSON	USA	2009
27.37	KEEFE LODWIG	USA	2008	33.58	VINUS VAN BAALEN	USA	2007	30.23	BORIS RUZHITSKY	RUS	2009
27.50	IAN SMITH	CAN	2009	33.72	JOZSEF CSIKANY	HUN	2008	30.33	TOMOYASU IIDA	JPN	2006
27.60	DAVID QUIGGIN	USA	2009	33.87	ROBERT SMITH	USA	2008	30.51	DAVID QUIGGIN	USA	2009
27.63	JAMES ELDER	USA	2008	34.07	LUIZ FIGUEIREDO	BRA	2007	30.53	BERND SCHRODER	GER	2009
27.65	ROBERT SMITH	USA	2008	34.38	ALEXANDER KRYUKOV	RUS	2009	30.68	IAN SMITH	CAN	2009
27.85	JIM DRAGON	USA	2009	34.69	FRANS VAN ENST	NED	2005	30.81	RONALD JOHNSON	USA	1998
27.93	ROBERT OLSON	USA	2009	34.70	MIKLOS KOVATS	HUN	2006	100 M. FLY			
28.04	RONALD JOHNSON	USA	1998	100 M. BACK				1:07.78	JOSEF CLARET	ESP	2009
100 M. FREE				1:11.32	RICHARD BURNS	USA	2009	1:09.60	ROBERT POILETMAN	USA	2009
1:01.05	DAVID QUIGGIN	USA	2009	1:13.82	BERND HORSTMANN	GER	2009	1:10.22	BORIS RUZHITSKIY	RUS	2009
1:01.30	KEEFE LODWIG	USA	2009	1:14.96	JOZSEF CSIKANY	HUN	2009	1:10.80	DEREK PARR	GBR	2009
1:02.62	TOM LANDIS	USA	2008	1:15.69	LUIZ FIGUEIREDO	BRA	2006	1:12.78	BARRY YOUNG	NZL	2004
1:02.79	JEFF FARRELL	USA	2002	1:16.78	YOSHI OYAKAWA	USA	1999	1:12.93	TOMOYASU IIDA	JPN	2006
1:02.81	IAN SMITH	CAN	2009	1:17.23	BARRY YOUNG	NZL	2006	1:13.11	BERND SCHRODER	GER	2009
1:02.84	JAMES ELDER	USA	2008	1:17.36	MIKLOS KOVATS	HUN	2005	1:13.19	AKIRA TAKAKURA	JPN	2006
1:02.93	CAV CAVANAUGH	USA	2001	1:17.47	ALEXANDER KRYUKOV	RUS	2009	1:13.54	RICHARD BURNS	USA	2008
1:03.01	RICHARD BURNS	USA	2008	1:17.50	ROBERT SMITH	USA	2008	1:13.63	KOJI IWAMOTO	JPN	2009
1:03.39	ROBERTO ALBERICHE	ESP	1996	1:18.03	DONALD MCINTOSH	USA	2008	200 M. FLY			
1:03.44	VINUS VAN BAALEN	USA	2007	200 M. BACK				2:47.60	DEREK PARR	GBR	2009
200 M. FREE				2:40.95	BERND HORSTMANN	GER	2008	2:50.18	ROBERT POILETMAN	USA	2009
2:18.53	TOM LANDIS	USA	2008	2:41.76	RICHARD BURNS	USA	2009	2:51.07	BARRY YOUNG	NZL	2004
2:20.37	DAVID QUIGGIN	USA	2009	2:42.96	JOZSEF CSIKANY	HUN	2008	2:54.46	RUDOLF SMERDA	CZE	2008
2:21.74	ROBERTO ALBERICHE	ESP	1996	2:50.44	MIKLOS KOVATS	HUN	2005	2:56.00	GUNTER SCHOPKE	GER	2005
2:22.18	GRAHAM JOHNSTON	USA	1996	2:51.11	RICHARD TODD	USA	2007	2:56.08	JOACHIM HINTZE	GER	2008
2:22.26	KEEFE LODWIG	USA	2009	2:51.19	S.SEKIKAWA	JPN	1998	2:57.05	RICHARD KITCHELL	USA	2005
2:22.51	RICHARD BURNS	USA	2009	2:52.34	LUIZ FIGUEIREDO	BRA	2006	2:59.66	VICTOR PAUL	AUS	2009
2:22.90	JEFF FARRELL	USA	2002	2:53.42	BOB BARRY	AUS	1996	3:01.41	CARLOS CANEPA	PER	2008
2:23.84	CAV CAVANAUGH	USA	2001	2:54.10	TEGZE HARASZTI	USA	2006	3:01.69	KOJI IWAMOTO	JPN	2007
2:24.19	RUDOLF SMERDA	CZE	2008	2:55.46	ROGER FRANKS	USA	1992	200 M. I.M.			
2:24.45	FABRIZIO MOMONI	ITA	2003	50 M. BRST				2:43.37	RICHARD BURNS	USA	2009
400 M. FREE				34.61	OSAMU MAEDA	JPN	2009	2:44.44	GERSHON SHEFA	ISR	2008
5:00.26	TOM LANDIS	USA	2007	35.00	KENNETH FROST	USA	2009	2:45.17	BARRY YOUNG	NZL	2004
5:01.81	FABRIZIO MOMONI	ITA	2003	35.30	JIM DRAGON	USA	2009	2:45.64	BERND HORSTMANN	GER	2009
5:03.36	GRAHAM JOHNSTON	USA	1996	35.56	YOSHIHIKO OSAKI	JPN	2004	2:48.63	TOM LANDIS	USA	2007
5:06.57	DAVID QUIGGIN	USA	2009	35.60	PETER ANDERSEN	USA	2009	2:49.61	KOJI IWAMOTO	JPN	2009
5:07.62	ROBERTO ALBERICHE	ESP	1996	35.91	DAVID GILDEA	USA	2009	2:49.71	ROBERTO ALBERICHE	ESP	1996
5:08.44	DON DAVIS	USA	2009	36.30	RICHARD TODD	USA	2008	2:50.11	KENNETH FROST	USA	2009
5:13.29	CARLOS CANEPA	PER	2008	36.35	HIROSHI KOTEGAWA	JPN	2001	2:50.18	RONALD JOHNSON	USA	1998
5:14.60	DONALD MCINTOSH	USA	2008	36.42	MANUEL SANGUILY	USA	1998	2:51.09	GRAHAM JOHNSTON	USA	1997
5:14.60	RUDOLF SMERDA	CZE	2008	36.49	ANTONIO ORSELLI	BRA	2009	400 M. I.M.			
5:14.82	MARIO PATERNI	ITA	2008	100 M. BRST				5:52.79	BARRY YOUNG	NZL	2004
800 M. FREE				1:18.11	KENNETH FROST	USA	2009	5:55.49	GERSHON SHEFA	ISR	2008
10:25.94	TOM LANDIS	USA	2007	1:19.89	DAVID GILDEA	USA	2009	6:03.31	TOM LANDIS	USA	2007
10:26.60	FABRIZIO MOMONI	ITA	2003	1:21.25	OSAMU MAEDA	JPN	2009	6:05.15	ROBERTO ALBERICHE	ESP	1996
10:29.26	GRAHAM JOHNSTON	USA	1997	1:21.75	GERSHON SHEFA	ISR	2008	6:08.44	GRAHAM JOHNSTON	USA	1996
10:50.84	DAVID HARRISON	USA	2002	1:22.82	RICHARD TODD	USA	2008	6:11.64	RICHARD BURNS	USA	2009
10:50.86	DON DAVIS	USA	2009	1:22.89	ALBERT KOSTITSYN	FIN	2007	6:11.78	MIKE FRESHLEY	USA	2006
10:51.42	CARLOS CANEPA	PER	2008	1:23.09	ANTONIO ORSELLI	BRA	2009	6:17.66	MASAO KIJIMA	JPN	2009
10:51.93	VICTOR PAUL	AUS	2009	1:23.78	DAVE NOBLE	USA	2009	6:19.77	VICTOR PAUL	AUS	2009
10:56.12	JOACHIM HINTZE	GER	2008	1:23.88	THOMAS WALKER	GBR	2002	6:20.74	TEGZE HARASZTI	USA	2006
11:01.95	DAVID QUIGGIN	USA	2009	1:23.89	YOSHIAKI AOKI	JPN	2005	*****			
11:04.75	DONALD MCINTOSH	USA	2008	200 M. BRST				*****			
1500 M. FREE				2:59.54	KENNETH FROST	USA	2009	*****			
20:00.97	TOM LANDIS	USA	2008	2:59.99	GERSHON SHEFA	ISR	2008	*****			
20:08.74	FABRIZIO MOMONI	ITA	2004	3:02.13	MICHAEL MOLONEY	AUS	2004	50 M. FREE			
20:16.54	GRAHAM JOHNSTON	USA	1996	3:02.85	RICHARD TODD	USA	2008	28.46	WOLFRAM GOTTFRIED	GER	2004



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

28.53	JEFF FARRELL	USA	2007	36.60	HELMUT RICHTER	GER	2009	32.90	BOB BAILIE	USA	2005
28.65	CAV CAVANAUGH	USA	2005	36.77	BARRY YOUNG	NZL	2009	32.92	Y.FUNAHASHI	JPN	2009
28.66	RONALD JOHNSON	USA	2001	37.10	PAUL HUTINGER	USA	1995	33.49	TAISUKE MIYAZAKI	JPN	2009
28.85	PETER BERGEGREN	SWE	2008	37.12	KEIJIRO NAKAMURA	JPN	1995	33.49	HELMUT RICHTER	GER	2009
28.94	B.SCHLURIKE	GER	1991	37.13	BURWELL JONES	USA	2003	33.54	BARRY YOUNG	NZL	2009
29.32	HELMUT RICHTER	GER	2009	37.21	RONALD JOHNSON	USA	2001	33.60	JOSEPH LAMMERT	USA	2009
29.43	DONALD HILL	USA	2002	37.48	Y.FUNAHASHI	JPN	2009	33.61	J.LOUIS LE DALL	FRA	2003
29.44	H.TAKAHASHI	JPN	2007	37.48	CLIFF WARD	GBR	2002	100 M. FLY			
29.68	SHINGO YAMAMOTO	JPN	2002	100 M. BACK				1:16.18	BARRY YOUNG	NZL	2009
100 M. FREE				1:15.24	BARRY YOUNG	NZL	2009	1:19.44	WOLFRAM GOTTFRIED	GER	2002
1:05.40	CAV CAVANAUGH	USA	2005	1:19.12	YOSHI OYAKAWA	USA	2004	1:20.61	TAISUKE MIYAZAKI	JPN	2009
1:05.81	WOLFRAM GOTTFRIED	GER	2002	1:19.14	BURWELL JONES	USA	2003	1:21.64	RONALD JOHNSON	USA	2001
1:06.18	RONALD JOHNSON	USA	2001	1:20.93	S.SEKIKAWA	JPN	2003	1:22.45	TAKASHI HAYASHI	JPN	2005
1:06.47	DAVID RADCLIFF	USA	2005	1:22.13	MARTY MENNEN	USA	2009	1:22.55	WERNER MULLER	GER	2003
1:06.62	MASATO YOSHINO	JPN	2009	1:23.83	MAMPEI SEINO	JPN	2002	1:23.69	ERNIE LESKOVITZ	USA	2006
1:07.36	GRAHAM JOHNSTON	USA	2001	1:24.14	PAUL HUTINGER	USA	1995	1:23.69	SEYMOUR BANNING	GBR	2003
1:07.73	JEFF FARRELL	USA	2009	1:24.49	ROGER FRANKS	USA	1997	1:24.21	DAVID CUMMING	GBR	2008
1:07.82	HELMUT RICHTER	GER	2009	1:24.55	CLARKE MITCHELL	USA	2006	1:24.37	HIYOSHI MAKIMOTO	JPN	2009
1:08.27	CHUCK BALDWIN	USA	2000	1:24.84	KEIJIROU NAKAMURA	JPN	1994	200 M. FLY			
1:08.31	DONALD HILL	USA	2002	200 M. BACK				2:53.26	BARRY YOUNG	NZL	2009
200 M. FREE				2:48.10	BARRY YOUNG	NZL	2009	3:08.06	TAISUKE MIYAZAKI	JPN	2009
2:26.20	DAVID RADCLIFF	USA	2008	2:55.19	BURWELL JONES	USA	2005	3:13.74	CLAUDIO NEGRI	ITA	2008
2:28.37	CAV CAVANAUGH	USA	2005	2:58.62	S.SEKIKAWA	JPN	2003	3:14.18	DAVID MCLACHLAN	RSA	2008
2:29.45	GRAHAM JOHNSTON	USA	2001	2:58.88	MARTY MENNEN	USA	2006	3:16.06	WERNER MULLER	GER	2003
2:32.16	MASATO YOSHINO	JPN	2008	3:01.26	YOSHI OYAKAWA	USA	2003	3:16.61	TAKASHI HAYASHI	JPN	2004
2:32.48	DAVID HARRISON	USA	2007	3:04.17	MAMPEI SEINO	JPN	2003	3:20.43	DAVE MCLACHLAN	RSA	2009
2:32.49	JOHN CRISP	AUS	2005	3:04.30	BOB BARRY	AUS	2002	3:20.84	RONALD JOHNSON	USA	2001
2:32.94	WERNER SCHNABEL	GER	2006	3:04.42	ROGER FRANKS	USA	1997	3:21.42	DAVID CUMMING	GBR	2008
2:33.16	BURWELL JONES	USA	2005	3:05.24	TOM WALKER	GBR	2003	3:21.60	LUIS SIMI	BRA	2007
2:34.60	NIC GEERS	NED	2008	3:06.33	ALAN JACKSON	GBR	2009	200 M. I.M.			
2:35.30	YASUSHI YAMAGUCHI	JPN	2009	50 M. BRST				2:44.36	BARRY YOUNG	NZL	2009
400 M. FREE				37.23	YOSHIHIKO OSAKI	JPN	2009	2:58.06	BURWELL JONES	USA	2003
5:12.05	GRAHAM JOHNSTON	USA	2001	37.47	KARL WIEDAMANN	USA	2008	2:59.90	RONALD JOHNSON	USA	2001
5:17.20	DAVID RADCLIFF	USA	2008	37.93	AKIO SUGIYAMA	JPN	2004	3:01.09	IKURO SHIMONO	JPN	2009
5:24.85	JOHN CRISP	AUS	2006	37.96	CHARLES BALDWIN	USA	2000	3:01.56	GRAHAM JOHNSTON	USA	2002
5:25.70	WERNER SCHNABEL	GER	2006	37.98	JOHN KORTHEUER	USA	2001	3:01.60	JOHN CRISP	AUS	2005
5:28.64	BURWELL JONES	USA	2005	38.12	JURGEN ZIMMERMANN	GER	2009	3:03.87	EWALD BASTEK	POL	2009
5:29.04	BARRY YOUNG	NZL	2009	38.23	TONY GOODWIN	AUS	2009	3:04.66	MOTOHISA HIROSE	JPN	2008
5:29.24	CAV CAVANAUGH	USA	2005	38.28	HIROFUMI HOSOTANI	JPN	2005	3:06.10	CHRISTIAN THIESS	AUS	2008
5:30.72	MASATO YOSHINO	JPN	2008	38.29	MANUEL SANGUILY	USA	2003	3:06.17	DAVID MCLACHLAN	RSA	2008
5:31.53	DAVID HARRISON	USA	2007	38.49	RINALDO FERREIRA	BRA	2007	400 M. I.M.			
5:33.24	NIC GEERS	NED	2008	100 M. BRST				5:57.81	BARRY YOUNG	NZL	2009
800 M. FREE				1:24.71	KARL WIEDAMANN	USA	2008	6:32.11	BURWELL JONES	USA	2003
10:45.92	GRAHAM JOHNSTON	USA	2002	1:25.53	TONY GOODWIN	AUS	2007	6:34.43	GRAHAM JOHNSTON	USA	2001
10:49.02	DAVID RADCLIFF	USA	2006	1:26.25	BARRY YOUNG	NZL	2009	6:41.36	IKURO SHIMONO	JPN	2009
11:19.41	JOHN CRISP	AUS	2005	1:26.41	TETSUO NAKAMARU	JPN	2005	6:47.83	JOHN CRISP	AUS	2005
11:19.55	BURWELL JONES	USA	2005	1:26.70	THOMAS WALKER	GBR	2005	6:48.47	DAVID MCLACHLAN	RSA	2008
11:25.71	ERNIE LESKOVITZ	USA	2006	1:26.78	MICHAEL MOLONEY	AUS	2009	6:51.60	CHRISTIAN THIESS	AUS	2008
11:33.11	WERNER SCHNABEL	GER	2006	1:26.90	HANS REICHEL	GER	2007	6:51.94	MICHAEL MOLONEY	AUS	2009
11:34.12	MASATO YOSHINO	JPN	2009	1:27.10	CLAUDIO NEGRI	ITA	2006	6:52.07	FRANK PIEMME	USA	1995
11:35.33	DAVID HARRISON	USA	2007	1:27.73	JURGEN ZIMMERMANN	GER	2009	6:53.78	ANRI VESHCHAGIN	RUS	2006
11:44.46	YASUSHI YAMAGUCHI	JPN	2009	1:27.97	BELA FABIAN	HUN	2007	*****			
11:46.02	NIC GEERS	NED	2008	200 M. BRST				M E N 75-79			
1500 M. FREE				3:04.79	MICHAEL MOLONEY	AUS	2009	*****			
20:36.56	GRAHAM JOHNSTON	USA	2001	3:07.50	KARL WIEDAMANN	USA	2008	50 M. FREE			
21:07.50	DAVID RADCLIFF	USA	2008	3:09.27	TONY GOODWIN	AUS	2008	30.28	DAVID RADCLIFF	USA	2009
21:49.74	WERNER SCHNABEL	GER	2006	3:11.67	CLAUDIO NEGRI	ITA	2006	30.63	SHINGO YAMAMOTO	JPN	2008
21:53.77	BURWELL JONES	USA	2005	3:12.61	HANS REICHEL	GER	2008	30.82	DONALD HILL	USA	2009
22:01.12	JOHN CRISP	AUS	2005	3:14.76	THOMAS WALKER	GBR	2006	31.14	ALDO EMINENTE	FRA	2006
22:06.67	YASUSHI YAMAGUCHI	JPN	2009	3:15.70	YOSHIKI AOKI	JPN	2008	31.19	FRANK PIEMME	USA	2000
22:13.52	MASATO YOSHINO	JPN	2008	3:17.21	MORIAKI SUGIURA	JPN	2009	31.35	CLARKE MITCHELL	USA	2009
22:39.01	BARRY YOUNG	NZL	2009	3:17.90	CHRISTIAN THIESS	AUS	2008	31.38	YOSHI OYAKAWA	USA	2008
22:44.64	ERNIE LESKOVITZ	USA	2006	3:18.11	PETER BELL	CAN	2005	31.42	ANDERS SODERQVIST	SWE	2008
22:47.77	GEORGE BRUNSTAD	USA	2004	50 M. FLY				31.45	WOLFRAM GOTTFRIED	GER	2007
50 M. BACK				31.49	HIROSHI MATSUMOTO	JPN	2007	32.04	MAX VAN GELDER	AUS	2005
35.31	YOSHI OYAKAWA	USA	2003	32.11	RONALD JOHNSON	USA	2001	100 M. FREE			
35.83	S.SEKIKAWA	JPN	2003	32.36	BERT PETERSEN	USA	2008				



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

1:06.63	DAVID RADCLIFF	USA	2009	1:21.52	YOSHI OYAKAWA	USA	2008	1:28.72	WERNER MULLER	GER	2008
1:10.02	SHINGO YAMAMOTO	JPN	2008	1:22.05	S.SEKIKAWA	JPN	2009	1:35.24	MASAYASU KAMIYA	JPN	2007
1:10.38	GRAHAM JOHNSTON	USA	2006	1:26.00	CLARKE MITCHELL	USA	2007	1:35.81	FRANK PIEMME	USA	2000
1:11.83	BURWELL JONES	USA	2008	1:26.00	KEIJIRO NAKAMURA	JPN	1998	1:37.03	ROBERT PFERSDORFF	GER	1999
1:13.84	RAYMOND TAFT	USA	1995	1:27.24	MAMPEI SEINO	JPN	2007	1:37.37	ERIVALDO LIMA	BRA	2008
1:14.00	SHOICHI SHIDA	JPN	2001	1:29.47	ROGER FRANKS	USA	2002	1:37.59	CLARKE MITCHELL	USA	2007
1:14.24	FRANK PIEMME	USA	2001	1:29.52	RAYMOND TAFT	USA	1995	1:37.90	HEINZ KRAUSS	GER	2007
1:14.82	ALDO EMINENTE	FRA	2006	1:29.93	PAUL HUTINGER	USA	2000	1:37.95	KARL HAUTER	GER	2002
1:14.85	MASAYASU KAMIYA	JPN	2009	1:30.74	GEORGE GFROERER	USA	2008	200 M. FLY			
1:14.86	KELLEY LEMMON	USA	1987	200 M. BACK				3:26.28	TAKASHI HAYASHI	JPN	2008
2:25.66	DAVID RADCLIFF	USA	2009	2:59.39	BURWELL JONES	USA	2009	3:31.90	WERNER MULLER	GER	2009
2:35.32	BURWELL JONES	USA	2009	3:06.97	S.SEKIKAWA	JPN	2008	3:34.30	MAURICE LUSIEN	FRA	2001
2:36.30	GRAHAM JOHNSTON	USA	2006	3:10.25	ROGER FRANKS	USA	2002	3:35.90	KARL HAUTER	GER	2001
2:43.81	IGOR BROVIN	RUS	2009	3:10.64	KEIJIRO NAKAMURA	JPN	1998	3:40.90	GIULIO DIVANO	ITA	2008
2:44.97	ANRI VERESHCHAGIN	RUS	2009	3:13.03	YOSHI OYAKAWA	USA	2008	3:41.37	ERIVALDO LIMA	BRA	2009
2:46.56	HIROSHI YOSHIMURA	JPN	2003	3:14.55	MAMPEI SEINO	JPN	2007	3:43.56	ANTON M. CERER	USA	1992
2:46.56	DONALD HILL	USA	2009	3:15.00	RAY TAFT	USA	1995	3:44.43	ANRI VERESHCHAGIN	RUS	2009
2:49.91	FUMIO EGAMI	JPN	2005	3:17.54	BOB MILLER	USA	2006	3:45.15	THOMAS MAINE	USA	2004
2:50.01	FRANK PIEMME	USA	2000	3:17.96	CLARKE MITCHELL	USA	2008	3:45.86	JAN ZIEGLER	CZE	2001
2:50.25	DAVE ANDERSON	USA	2006	3:21.34	ROGER BURRELL	GBR	2006	200 M. I.M.			
400 M. FREE				50 M. BRST				3:06.58	BURWELL JONES	USA	2009
5:17.77	DAVID RADCLIFF	USA	2009	40.38	TOSHIO TAJIMA	JPN	2000	3:13.53	GRAHAM JOHNSTON	USA	2006
5:32.06	GRAHAM JOHNSTON	USA	2006	40.41	DON BIDWELL	NZL	2009	3:18.35	FRANK PIEMME	USA	2000
5:33.42	BURWELL JONES	USA	2009	40.44	WERNER MULLER	GER	2008	3:18.84	ANRI VERESHCHAGIN	RUS	2009
5:49.23	IGOR BROVIN	RUS	2009	40.82	JOHN KORTHEUER	USA	2006	3:20.61	KARL HAUTER	GER	2000
5:54.36	HIROSHI YOSHIMURA	JPN	2004	41.22	E.ORLANDO	ARG	2000	3:22.31	WERNER MULLER	GER	2008
6:00.35	ANRI VERESHCHAGIN	RUS	2009	41.31	TSUTOMU KAJIHARA	JPN	2008	3:22.57	TSUTOMU KAJIHARA	JPN	2008
6:09.64	BOB BARRY	AUS	2006	41.35	PATRICK GALVIN	AUS	2008	3:24.38	RAY TAFT	USA	1995
6:11.51	ARAM BOGHOSSIAN	BRA	2004	41.52	SHUNSAKU TAKAHIRA	JPN	2007	3:24.40	JAN ZIEGLER	CZE	2001
6:12.06	JOSEF KREJCI	SUI	2008	41.69	CHARLES URSTADT	USA	2003	3:25.09	MASAYASU KAMIYA	JPN	2009
6:12.23	WILL RAUCH	USA	2009	41.71	ROBERT PFERSDORFF	GER	1999	400 M. I.M.			
800 M. FREE				100 M. BRST				6:48.48	BURWELL JONES	USA	2009
7:07.90	DAVID RADCLIFF	USA	2009	1:31.90	TSUTOMU KAJIHARA	JPN	2008	6:58.19	GIULIO DIVANO	ITA	2009
11:25.95	GRAHAM JOHNSTON	USA	2006	1:32.06	SHUNSAKU TAKAHIRA	JPN	2007	7:08.74	GRAHAM JOHNSTON	USA	2007
12:04.82	IGOR BROVIN	RUS	2009	1:33.29	WERNER MULLER	GER	2008	7:14.22	ANRI VERESHCHAGIN	RUS	2009
12:17.40	GIULIO DIVANO	ITA	2009	1:34.93	JOHN KORTHEUER	USA	2006	7:18.01	KARL HAUTER	GER	2001
12:32.78	JOSEF KREJCI	SUI	2009	1:35.55	ROBERT MACDONALD	USA	2004	7:19.30	JOSEF KREJCI	SUI	2008
12:33.78	HIROSHI YOSHIMURA	JPN	2006	1:35.70	ROBERT PFERSDORFF	GER	1999	7:21.08	WERNER MULLER	GER	2008
12:46.62	ROGER FRANKS	USA	2002	1:36.35	GERHARD GIERA	GER	2003	7:21.75	RAYMOND TAFT	USA	1995
12:50.72	WILL RAUCH	USA	2009	1:36.52	PATRICK GALVIN	AUS	2008	7:22.82	BOB BEST	USA	2007
12:52.31	FRANK PIEMME	USA	2000	1:36.58	KARL HAUTER	GER	2003	7:25.65	JAN ZIEGLER	CZE	2000
12:53.11	DAVID LAWLER	AUS	2004	1:36.98	DON BIDWELL	NZL	2009				
1500 M. FREE				200 M. BRST				*****			
21:03.06	DAVID RADCLIFF	USA	2009	3:28.51	SHUNSAKU TAKAHIRA	JPN	2007		M E N 80-84		
23:02.25	GRAHAM JOHNSTON	USA	2006	3:28.63	TSUTOMU KAJIHARA	JPN	2008	*****			
23:34.20	HIROSHI YOSHIMURA	JPN	2005	3:31.13	ERIVALDO LIMA	BRA	2008	50 M. FREE			
23:50.80	GIULIO DIVANO	ITA	2009	3:32.60	ROBERT MACDONALD	USA	2004	32.73	B.SCHLURIKE	GER	2002
24:34.77	ROGER FRANKS	USA	2002	3:33.08	KARL HAUTER	GER	2000	33.09	FRANK PIEMME	USA	2005
24:49.56	FRANK PIEMME	USA	2000	3:34.86	AUGUSTO ROMANO	ITA	1994	33.12	KEIJIRO NAKAMURA	JPN	2004
24:51.78	DOMEI SUZUKI	JPN	1995	3:35.56	WERNER MULLER	GER	2008	33.88	WOODY BOWERSOCK	USA	1993
24:53.76	RAYMOND TAFT	USA	1995	3:37.64	ASHLEY JONES	USA	2006	34.03	SHOICHI SAKOMOTO	JPN	1998
25:11.74	THOMAS TAYLOR	USA	2007	3:38.41	IWAO NARUSE	JPN	2007	34.11	SADAYUKI WAKAI	JPN	2003
25:27.88	MAURICE LUSIEN	FRA	2002	3:38.53	BOB PATTEN	USA	2009	34.23	MAX VAN GELDER	NED	2004
50 M. BACK				50 M. FLY				34.24	ROGER HALIMI	FRA	2004
36.14	YOSHI OYAKAWA	USA	2008	35.66	FRANK PIEMME	USA	2000	34.39	DALE WEBSTER	USA	2006
36.38	S.SEKIKAWA	JPN	2008	35.68	JEAN LE DALL	FRA	2008	34.50	SHOICHI SHIDA	JPN	2007
37.51	KEIJIRO NAKAMURA	JPN	1998	35.95	TAKASHI HAYASHI	JPN	2008	100 M. FREE			
37.63	BURWELL JONES	USA	2008	36.01	CLARKE MITCHELL	USA	2007	1:17.11	KEIJIRO NAKAMURA	JPN	2003
38.08	CLARKE MITCHELL	USA	2007	36.06	ASHLEY JONES	USA	2006	1:17.85	KELLEY LEMMON	PUR	1993
39.24	PAUL HUTINGER	USA	2000	36.52	MASAYASU KAMIYA	JPN	2009	1:17.96	SHOICHI SHIDA	JPN	2006
39.48	MAMPEI SEINO	JPN	2007	36.73	WERNER MULLER	GER	2008	1:18.77	FRANK PIEMME	USA	2005
39.49	RAY TAFT	USA	1994	37.37	TSUTOMU KAJIHARA	JPN	2008	1:18.85	ROD BAKER	AUS	2008
39.61	CHARLES BALDWIN	USA	2005	37.57	RAYMOND TAFT	USA	1994	1:19.28	HIKOJI UEKI	JPN	1995
40.31	MASAYASU KAMIYA	JPN	2009	38.28	GIULIO DIVANO	ITA	2009	1:19.57	RODNEY BAKER	AUS	2009
100 M. BACK				100 M. FLY				1:19.97	DALE WEBSTER	USA	2006
1:20.98	BURWELL JONES	USA	2009	1:26.04	TAKASHI HAYASHI	JPN	2008	1:20.27	HIDEAKI KATO	JPN	2001
				1:28.30	GIULIO DIVANO	ITA	2009	1:21.01	JOHN MILLS	AUS	2008



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

200 M. FREE		3:16.82	KEIJIRO NAKAMURA	JPN 2004	4:03.00	JAN ZIEGLER	CZE 2005	
2:59.28	HIROSHI YOSHIMURA	JPN 2008	3:30.76	PAUL HUTINGER	USA 2004	4:11.09	ANTON CERER	USA 1998
3:03.45	HIKOJI UEKI	JPN 1995	3:31.36	RAYMOND TAFT	USA 1999	4:11.48	KARL HAUTER	GER 2006
3:04.08	ROD BAKER	AUS 2008	3:33.41	JAN ZIEGLER	CZE 2005	4:28.71	SILVANO DANIELI	ITA 2007
3:04.65	FRANK PIEMME	USA 2005	3:39.22	ROGER FRANKS	USA 2007	4:29.09	HIRONARI UEDA	JPN 2002
3:05.01	KEVIN VICKERY	AUS 2003	3:40.07	TOSHIJI SATO	JPN 1996	4:31.05	LEE ARTH	USA 2006
3:05.78	DAVID LAWLER	AUS 2009	3:41.53	G.SHIMOMOTO	JPN 2006	4:31.44	ALDO DA ROSA	USA 1998
3:07.28	TOSHIO SHIMIZU	JPN 2007	3:41.96	RODNEY BAKER	AUS 2009	4:31.96	WALTER PFEIFFER	USA 1994
3:07.53	KARL HAUTER	GER 2006	3:42.35	GORO KOBAYASHI	JPN 1998	4:41.28	PAUL KRUP	USA 1998
3:09.02	ARAM BOGHOSSIAN	BRA 2009	3:42.95	EDWARD SHEA	USA 1995	200 M. I.M.		
3:09.70	RAYMOND TAFT	USA 1999	50 M. BRST			3:32.82	JAN ZIEGLER	CZE 2005
400 M. FREE		41.68	TOSHIO TAJIMA	JPN 2006	3:34.94	FRANK PIEMME	USA 2005	
6:31.17	HIROSHI YOSHIMURA	JPN 2009	43.62	Y.MIYAMOTO	JPN 1998	3:35.20	KARL HAUTER	GER 2006
6:33.71	ROD BAKER	AUS 2008	44.72	GERHARD GIERA	GER 2008	3:43.19	RAY TAFT	USA 2000
6:36.12	FRANK PIEMME	USA 2005	44.99	HORST FRITSCHE	GER 2006	3:43.82	ALDO DA ROSA	USA 1998
6:39.26	KEVIN VICKERY	AUS 2003	45.38	KARL HAUTER	GER 2005	3:44.19	MAX VAN GELDER	NED 2004
6:40.63	HIKOJI UEKI	JPN 1995	45.45	MAX VAN GELDER	NED 2004	3:45.46	ROBERT MACDONALD	USA 2008
6:41.56	DAVID LAWLER	AUS 2009	45.45	HIROMU YOSHIMOTO	JPN 1995	3:47.18	ANTON CERER	USA 1996
6:42.86	RAYMOND TAFT	USA 1999	45.77	CHARLES URSTADT	USA 2009	3:50.06	YUJI SUZUKI	JPN 2009
6:43.99	JAN ZIEGLER	CZE 2006	46.09	BARTON GREENBERG	USA 2004	3:50.77	THOMAS MAINE	USA 2009
6:46.59	KARL HAUTER	GER 2006	46.32	YOSHINORI KAWABAT	JPN 2005	400 M. I.M.		
6:49.80	DOMEI SUZUKI	JPN 2000	100 M. BRST			7:38.09	JAN ZIEGLER	CZE 2005
800 M. FREE		1:41.02	TOSHIO TAJIMA	JPN 2005	7:47.73	THOMAS MAINE	USA 2006	
13:39.76	ROD BAKER	AUS 2008	1:43.16	JAN ZIEGLER	CZE 2005	7:57.61	KARL HAUTER	GER 2005
13:44.73	HIROSHI YOSHIMURA	JPN 2009	1:43.21	ROBERT MACDONALD	USA 2008	8:03.49	FRANK PIEMME	USA 2005
13:50.05	NORBERT ARTUS	CAN 1994	1:43.74	AL CRAIG	USA 2007	8:05.14	RAYMOND TAFT	USA 1999
14:03.18	DAVID LAWLER	AUS 2009	1:43.85	GERHARD GIERA	GER 2008	8:13.49	ANTON CERER	USA 1997
14:06.39	KARL HAUTER	GER 2006	1:44.94	ZENJI NAKAHARI	JPN 2009	8:14.86	ALDO DA ROSA	USA 1998
14:07.10	JAN ZIEGLER	CZE 2005	1:45.24	Y.MIYAMOTO	JPN 1997	8:39.57	LEE ARTH	USA 2005
14:12.89	FRANK PIEMME	USA 2005	1:45.54	FRANK PIEMME	USA 2005	8:45.17	WALTER PFEIFFER	USA 1994
14:14.53	KEVIN VICKERY	AUS 2003	1:45.58	KARL HAUTER	GER 2008	9:08.24	TED ROACH	CAN 2005
14:17.00	D.CASOLINO	ITA 2009	1:45.99	MAX VON ISSER	USA 1999			
14:19.22	RAYMOND TAFT	USA 1999	200 M. BRST			*****		
1500 M. FREE		3:47.81	AL CRAIG	USA 2007		M E N 85-89		
25:59.56	HIROSHI YOSHIMURA	JPN 2008	3:47.98	KARL HAUTER	GER 2005	*****		
26:52.76	FRANK PIEMME	USA 2005	3:48.49	ROBERT MACDONALD	USA 2008	50 M. FREE		
26:52.93	RAYMOND TAFT	USA 1999	3:49.18	ZENJI NAKAHARI	JPN 2009	33.94	KEIJIRO NAKAMURA	JPN 2008
27:00.00	DAVID LAWLER	AUS 2009	3:53.23	JAN ZIEGLER	CZE 2005	35.77	WOODROW BOWERSOCK	USA 1998
27:09.47	HIROSHI IMAIZUMI	JPN 2005	3:55.20	AUGUSTO ROMANO	ITA 1998	36.40	JAMES EUBANK	USA 2000
27:14.31	JURGEN SCHMIDT	USA 2003	3:58.31	ISAO FUNAMOTO	JPN 2002	36.41	GORO KOBAYASHI	JPN 2002
27:14.65	KARL HAUTER	GER 2006	3:58.49	MAX VAN GELDER	NED 2004	37.21	ANDREW HOLDEN	USA 2004
27:22.43	JAN ZIEGLER	CZE 2006	3:59.36	THOMAS MAINE	USA 2006	37.33	WILLARD LAMB	USA 2008
27:50.80	D.CASOLINO	ITA 2009	3:59.90	Y.MIYAMOTO	JPN 1997	37.67	SHOICHI SAKAMOTO	JPN 2004
28:09.66	HORST FRITSCHE	GER 2006	50 M. FLY			38.12	ROGER HALIMI	FRA 2007
50 M. BACK		40.65	FRANK PIEMME	USA 2005	38.73	GOUGH WILLIAMS	AUS 2001	
38.41	KEIJIRO NAKAMURA	JPN 2003	40.95	TOSHIO TAJIMA	JPN 2005	39.00	AKIHIKO NAKAMURA	JPN 1998
40.71	SHOICHI SAKOMOTO	JPN 1998	41.36	MAX VAN GELDER	NED 2004	100 M. FREE		
41.40	PAUL HUTINGER	USA 2004	41.67	SUEO YAMAGUCHI	JPN 2009	1:23.52	KEIJIRO NAKAMURA	JPN 2008
42.13	SHOICHI SHIDA	JPN 2008	41.81	SILVANO DANIELI	ITA 2008	1:23.87	JIM EUBANK	USA 2001
42.49	RAYMOND TAFT	USA 1999	41.89	ANDREW HOLDEN	USA 1999	1:26.48	GORO KOBAYASHI	JPN 2002
42.71	MASAKI INABA	JPN 2006	42.22	Y.MIYAMOTO	JPN 1998	1:26.71	HIKOJI UEKI	JPN 2000
42.96	GORO KOBAYASHI	JPN 1998	42.89	RAYMOND TAFT	USA 1999	1:26.78	WILLARD LAMB	USA 2007
43.10	DALE WEBSTER	USA 2006	43.52	GERHARD GIERA	GER 2008	1:27.61	WOODROW BOWERSOCK	USA 1998
43.15	TOSHIJI SATO	JPN 1995	43.54	MAX VON ISSER	USA 1999	1:31.70	GOUGH WILLIAMS	AUS 2001
43.34	MAX VAN GELDER	NED 2004	100 M. FLY			1:34.42	TOKUSHI KOMEDA	JPN 1999
100 M. BACK		1:45.50	THOMAS MAINE	USA 2006	1:35.78	KEVIN VICKERY	AUS 2008	
1:26.97	KEIJIRO NAKAMURA	JPN 2003	1:45.53	JAN ZIEGLER	CZE 2006	1:35.84	ARTHUR THOMAS	AUS 2002
1:35.36	RAYMOND TAFT	USA 1999	1:46.11	FRANK PIEMME	USA 2005	200 M. FREE		
1:35.42	PAUL HUTINGER	USA 2004	1:47.86	KARL HAUTER	GER 2005	3:13.78	HIKOJI UEKI	JPN 2000
1:36.95	GORO KOBAYASHI	JPN 1998	1:47.88	ANDREW HOLDEN	USA 1999	3:16.95	WILLARD LAMB	USA 2008
1:38.13	DALE WEBSTER	USA 2006	1:49.38	MAX VAN GELDER	NED 2004	3:17.30	JIM EUBANK	USA 2001
1:38.34	JAN ZIEGLER	CZE 2005	1:50.89	SILVANO DANIELI	ITA 2008	3:19.10	GORO KOBAYASHI	JPN 2002
1:38.34	SHOICHI SAKOMOTO	JPN 1998	1:52.37	ANTON CERER	USA 1996	3:32.69	JURGEN SCHMIDT	USA 2008
1:39.11	TOSHIJI SATO	JPN 1996	1:54.46	ROBERT MACDONALD	USA 2009	3:34.20	TOKUSHI KOMEDA	JPN 1999
1:39.21	HIKOJI UEKI	JPN 1996	1:57.02	MINORU NAGASHIMA	JPN 2007	3:35.73	ALDO DA ROSA	USA 2002
1:39.91	HORACE KNOWLTON	USA 2009	200 M. FLY			3:36.12	GOUGH WILLIAMS	AUS 2001
200 M. BACK		3:54.51	THOMAS MAINE	USA 2006	3:39.43	SHIGEMASA OKAJIMA	JPN 2006	



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

3:40.38 HIROSHI SAIGO	JPN 1999	50 M. BRST	4:13.14 ANTON CERER	USA 2001	
400 M. FREE		46.23 Y.MIYAMOTO	JPN 2002	4:15.59 ANDREW HOLDEN	USA 2004
7:05.53 HIKOJI UEKI	JPN 2000	49.46 HIROMU YOSHIMOTO	JPN 2000	4:16.31 ALDO DAROSA	USA 2003
7:06.36 WILLARD LAMB	USA 2008	49.90 SEIJI TAKAHASHI	JPN 2000	4:29.94 MAX VAN GELDER	NED 2009
7:12.16 JIM EUBANK	USA 2001	50.57 BARTON GREENBERG	USA 2009	4:30.49 TOKUSHI KOMEDA	JPN 1999
7:25.95 JURGEN SCHMIDT	USA 2008	50.74 PAUL KRUP	USA 2002	4:33.24 WALTER PFEIFFER	USA 2000
7:44.04 TOKUSHI KOMEDA	JPN 1999	51.42 H.REITEMEYER	GER 2006	4:36.08 JURGEN SCHMIDT	USA 2009
7:55.43 HAROLD DODD	GBR 2004	51.52 KARL WITTENBERG	GER 1995	4:36.73 FRANK GRANNIS	USA 2009
7:59.07 ALDO DAROSA	USA 2003	52.32 ALFRED SCHULHOF	CAN 2005	4:39.05 LUDWIG GEBURZI	GER 2006
7:59.28 SABURO IWASAKI	JPN 2001	52.39 ALDO DAROSA	USA 2003	4:40.15 FRANK GRIFFITHS	AUS 1993
8:02.49 NILS FERM	SWE 2002	52.83 TAKESHI YASUKAWA	JPN 2009	400 M. I.M.	
8:12.53 DICK GUIDO	USA 2004	100 M. BRST		9:21.90 ANTON CERER	USA 2001
800 M. FREE		1:53.27 BARTON GREENBERG	USA 2009	9:42.77 WALTER PFEIFFER	USA 1999
14:36.90 WILLARD LAMB	USA 2008	1:53.70 HIROMU YOSHIMOTO	JPN 2000	10:28.43 FRANK GRIFFITHS	AUS 1994
15:24.45 JIM EUBANK	USA 2001	1:54.19 Y.MIYAMOTO	JPN 2002	10:38.32 DON LEADER	GBR 2009
15:32.70 JURGEN SCHMIDT	USA 2008	1:56.64 H.REITEMEYER	GER 2006	10:57.84 HIRONARI UEDA	JPN 2006
15:59.86 TOKUSHI KOMEDA	JPN 1999	2:00.89 ALDO DAROSA	USA 2003	11:23.79 WILLIAM JOHNSTON	USA 2003
16:26.96 GEORGE MAY	RSA 2002	2:03.03 SEIJI TAKAHASHI	JPN 2000	11:52.88 ALDO CAPUTI	ITA 2000
16:27.23 ALDO DA ROSA	USA 2002	2:03.62 LUDWIG GEBURZI	GER 2006	11:59.54 JESSE COON	USA 1997
16:52.07 HAROLD DODD	GBR 2004	2:03.77 FRED SCHULHOF	CAN 2004	12:21.70 AL ALVAREZ	AUS 2001
17:06.91 NILS FERM	SWE 2002	2:03.96 PAUL KRUP	USA 2002	12:27.27 ABE OLANOFF	USA 1991
17:11.21 GUS LANGNER	USA 1988	2:06.10 REINHOLD ZOEGE	GER 1995		
17:33.95 ARTHUR THOMAS	AUS 2004	200 M. BRST		*****	
1500 M. FREE		4:22.99 HIROMU YOSHIMOTO	JPN 2000	M E N 90-94	
28:35.24 WILLARD LAMB	USA 2008	4:25.31 ALDO DAROSA	USA 2003	*****	
29:12.85 JURGEN SCHMIDT	USA 2008	4:26.74 H.REITEMEYER	GER 2006	50 M. FREE	
29:53.88 JIM EUBANK	USA 2000	4:36.86 HAROLD PERRY	USA 1996	39.19 WOODY BOWERSOCK	USA 2003
30:14.52 TOKUSHI KOMEDA	JPN 1999	4:37.86 BARTON GREENBERG	USA 2009	41.93 GEORGE CORONES	AUS 2008
31:17.64 ALDO DA ROSA	USA 2002	4:40.05 Y.MIYAMOTO	JPN 2002	43.03 TOKUSHI KOMEDA	JPN 2004
32:32.53 HAROLD DODD	GBR 2004	4:44.64 ISAO FUNAMOTO	JPN 2007	43.78 KAZUNAGA AKUTSU	JPN 2002
32:56.41 NILS FERM	SWE 2002	4:46.26 FRED SCHULHOF	CAN 2004	44.07 MIRIO VINCENTIN	ARG 2009
33:08.42 GUS LANGNER	USA 1989	4:47.66 JACQUES AMYOT	CAN 2009	44.71 GORO KOBAYASHI	JPN 2006
33:22.61 KARL BAYERLEIN	GER 2006	4:57.32 G EDWARD RUDLOFF	USA 2008	45.31 MASAHISA KANEKO	JPN 2002
35:14.53 GARY WEISENTHAL	USA 1999	50 M. FLY		45.87 MASAO UEDA	JPN 2002
50 M. BACK		46.48 ANDREW HOLDEN	USA 2004	46.14 NED SMITH	USA 2005
39.89 KEIJIRO NAKAMURA	JPN 2008	50.64 MAX VON ISSER	USA 2006	46.24 GASTAO FIGUEIREDO	BRA 2000
42.17 GORO KOBAYASHI	JPN 2001	51.12 PAUL KRUP	USA 2002	100 M. FREE	
44.52 FRED VAN DYKE	USA 2006	51.81 Y.MIYAMOTO	JPN 2002	1:38.05 GORO KOBAYASHI	JPN 2006
45.16 TOSHIJI SATO	JPN 2000	54.00 ANTON CERER	USA 2002	1:40.54 TOKUSHI KOMEDA	JPN 2004
45.33 SHOICHI SAKAMOTO	JPN 2004	54.46 BRUNO HAMPEL	GER 2009	1:43.22 WOODY BOWERSOCK	USA 2003
47.06 ALDO DA ROSA	USA 2002	54.98 WALTER PFEIFFER	USA 2000	1:45.51 GEORGE CORONES	AUS 2009
47.70 R.REINSTADTLER	GER 1997	56.19 LUDWIG GEBURZI	GER 2006	1:50.30 KAZUNAGA AKUTSU	JPN 2002
49.11 GUNTHER PIRL	GER 2006	56.53 PAUL HUTINGER	USA 2009	1:51.07 MASAHISA KANEKO	JPN 2002
49.14 ANDREW HOLDEN	USA 2004	58.13 JESSE COON	USA 1996	1:56.10 HEINZ SIEGEL	GER 2004
49.19 M.FUKUSHIMA	JPN 2001	100 M. FLY		1:56.60 GASTAO FIGUEIREDO	BRA 2000
100 M. BACK		2:02.53 ANDREW HOLDEN	USA 2004	1:57.91 GUS LANGNER	USA 1993
1:31.65 KEIJIRO NAKAMURA	JPN 2008	2:10.28 WALTER PFEIFFER	USA 1999	1:58.36 R.REINSTADTLER	GER 2003
1:36.34 GORO KOBAYASHI	JPN 2001	2:11.44 ANTON CERER	USA 2002	200 M. FREE	
1:41.25 TOSHIJI SATO	JPN 2000	2:12.47 MAX VAN GELDER	NED 2009	3:54.89 TOKUSHI KOMEDA	JPN 2004
1:48.68 HIKOJI UEKI	JPN 2000	2:17.29 PAUL KRUP	USA 2002	4:10.40 WOODY BOWERSOCK	USA 2003
1:49.24 WILLARD LAMB	USA 2008	2:17.55 PAUL HUTINGER	USA 2009	4:19.52 MASAHISA KANEKO	JPN 2002
1:49.54 ALDO DA ROSA	USA 2002	2:20.76 FRANK GRANNIS	USA 2009	4:28.34 GUS LANGNER	USA 1993
1:51.56 ALAN WEEDEN	USA 2009	2:24.04 ALDO CAPUTI	ITA 2000	4:28.88 NILS FERM	SWE 2008
1:51.83 C.SCHERER	GER 1999	2:28.58 WILLIAM JOHNSTON	USA 2003	4:30.92 MIRIO VINCENTIN	ARG 2009
1:53.16 NILS FERM	SWE 2002	2:30.73 JESSE COON	USA 1996	4:32.78 ALFREDO CHERCHI	AUS 1997
1:53.67 R.REINSTADTLER	GER 1997	200 M. FLY		4:38.25 JIM TRIOLO	USA 2004
200 M. BACK		4:47.63 ANDREW HOLDEN	USA 2004	4:38.57 ARTHUR THOMAS	AUS 2007
3:28.59 KEIJIRO NAKAMURA	JPN 2008	4:57.41 ANTON CERER	USA 2002	4:44.26 JOHN HARRISON	GBR 2004
3:41.06 GORO KOBAYASHI	JPN 2002	5:06.00 WALTER PFEIFFER	USA 1999	400 M. FREE	
3:48.38 TOSHIJI SATO	JPN 2000	5:07.93 PAUL KRUP	USA 2002	8:13.45 TOKUSHI KOMEDA	JPN 2004
4:04.33 WILLARD LAMB	USA 2008	5:25.02 ALDO CAPUTI	ITA 2001	9:35.43 ARTHUR THOMAS	AUS 2007
4:07.72 ALDO DA ROSA	USA 2002	5:42.31 HIRONARI UEDA	JPN 2006	9:39.37 WOODY BOWERSOCK	USA 2003
4:08.30 BELA BANKI	HUN 2006	5:54.28 FRANK GRIFFITHS	AUS 1993	9:40.04 ALFREDO CHERCHI	AUS 1997
4:08.82 KAIZO WATANABE	JPN 2008	5:55.76 DON LEADER	GBR 2009	9:40.14 CARLOS VINCENTIN	ARG 2009
4:09.97 NILS FERM	SWE 2002	6:11.68 JESSE COON	USA 1996	9:44.11 GUS LANGNER	USA 1993
4:10.68 R.REINSTADTLER	GER 2000	6:19.15 WILLIAM JOHNSTON	USA 2003	9:44.99 NILS FERM	SWE 2007
4:12.93 RYUJI FUJIKAWA	JPN 2002	200 M. I.M.		9:48.38 JOHN HARRISON	GBR 2004



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

9:55.55	HEINZ SIEGEL	GER	2004	2:28.24	BRUD CLEAVELAND	USA	2007	100 M. FREE			
10:25.57	JOHN MERRILL	USA	2008	2:30.49	GEORGE CORONES	AUS	2008	2:17.59	KAZUNAGA AKUTSU	JPN	2007
	800 M. FREE			2:31.40	MASAHISA KANEKO	JPN	2002	2:29.32	GUS LANGNER	USA	1998
17:54.42	TOKUSHI KOMEDA	JPN	2005	2:39.02	HANS PAUL	GER	1998	2:31.44	JARING TIMMERMAN	CAN	2005
19:36.32	NILS FERM	SWE	2007	2:42.38	RUSS WITTE	USA	2009	2:44.63	JOHN HARRISON	GBR	2009
20:09.22	JOHN HARRISON	GBR	2004	2:44.14	DERRICK DAVEY	GBR	2004	3:07.28	ELI BARREIRO	ECU	2001
20:13.74	GUS LANGNER	USA	1993	2:46.78	WALTER PFEIFER	USA	2003	3:10.45	JEAN LEEMPUT	FRA	2009
20:50.22	JOHN MERRILL	USA	2008	2:48.32	HEINZ SIEGEL	GER	2005	3:29.15	ROMAN JEZEK	CAN	2009
21:07.17	WOODY BOWERSOCK	USA	2003	2:50.24	ROMAN JEZEK	CAN	2004	3:30.27	ETSURO YASUI	JPN	2006
21:55.42	HUGH MCGREGOR	CAN	2009		200 M. BRST			3:30.59	TOM LANE	USA	1992
22:49.25	JOHN BRICE	AUS	2009	5:17.47	HIROMU YOSHIMOTO	JPN	2005	4:32.64	JEAN STORZ	FRA	2009
24:04.65	ARTHUR THOMAS	AUS	2007	5:26.11	GEORGE CORONES	AUS	2009		200 M. FREE		
24:19.62	GENE CROSSETT	USA	2004	5:35.18	MASAHISA KANEKO	JPN	2002	5:13.23	GUS LANGNER	USA	1998
	1500 M. FREE			5:55.72	BRUD CLEAVELAND	USA	2007	5:56.17	JARING TIMMERMAN	CAN	2005
36:47.02	GUS LANGNER	USA	1993	6:11.58	RUSS WITTE	USA	2009	6:30.80	GARY WEISENTHAL	USA	2008
37:21.89	NILS FERM	SWE	2007	6:18.26	ROMAN JEZEK	CAN	2004	7:54.76	ROMAN JEZEK	CAN	2009
38:56.19	JOHN HARRISON	GBR	2004	6:25.92	GUS LANGNER	USA	1993		400 M. FREE		
39:36.67	WALTER PFEIFFER	USA	2004	6:25.92	JIM PANTON	CAN	2004	11:30.53	GUS LANGNER	USA	1998
51:09.50	GARY WEISENTHAL	USA	2003	6:26.72	WALTER PFEIFER	USA	2003	13:43.10	GARY WEISENTHAL	USA	2008
52:41.53	PAUL E. SPANGLER	USA	1990	6:53.87	ANDREW KALLUNKI	USA	1995	20:38.12	JEAN STORZ	FRA	2009
72:43.69	JACK MATHIESON	AUS	2007		50 M. FLY				800 M. FREE		
	50 M. BACK			1:00.30	WALTER PFEIFER	USA	2003	22:28.28	GUS LANGNER	USA	1998
46.82	GORO KOBAYASHI	JPN	2006	1:05.95	ANDREW HOLDEN	USA	2009	28:18.13	GARY WEISENTHAL	USA	2008
53.26	KAZUNAGA AKUTSU	JPN	2002	1:10.34	HEINZ SIEGEL	GER	2004		1500 M. FREE		
53.99	R.REINSTADTLER	GER	2002	1:11.54	R.REINSTADTLER	GER	2002	47:30.40	GUS LANGNER	USA	1999
54.07	TOSHIJI SATO	JPN	2005	1:11.57	TOKUSHI KOMEDA	JPN	2004		50 M. BACK		
54.41	MASAHISA KANEKO	JPN	2003	1:12.66	ALDO CAPUTI	ITA	2005	1:03.32	KAZUNAGA AKUTSU	JPN	2007
55.45	JOHN MERRILL	USA	2008	1:21.55	JOHN HARRISON	GBR	2004	1:10.06	NORI YAMAMOTO	JPN	2005
56.43	WOODY BOWERSOCK	USA	2003	1:23.87	JESSE COON	USA	2000	1:10.49	JEAN LEEMPUT	FRA	2009
56.69	NILS FERM	SWE	2008	1:26.07	JIM PENFIELD	USA	1998	1:12.29	JOHN HARRISON	GBR	2009
57.73	SHOGORO AZUMA	JPN	2002	2:06.54	EUGENE LEHMAN	CAN	2006	1:16.30	TOM LANE	USA	1989
59.21	TOM HAVER	USA	2008		100 M. FLY			1:20.41	SHOGORO AZUMA	JPN	2007
	100 M. BACK			2:31.03	WALTER PFEIFER	USA	2003	1:23.77	ALFREDO CHERCHI	AUS	2002
1:45.46	GORO KOBAYASHI	JPN	2006	2:46.91	ALDO CAPUTI	ITA	2005	1:28.47	GARY WEISENTHAL	USA	2008
2:04.48	TOSHIJI SATO	JPN	2006	3:29.53	JESSE COON	USA	2000	1:28.61	MARTIN SCHMIDT	GER	2009
2:04.94	R.REINSTADTLER	GER	2002		200 M. FLY			1:29.26	JARING TIMMERMAN	CAN	2005
2:07.20	JOHN MERRILL	USA	2007	5:51.79	WALTER PFEIFER	USA	2003		100 M. BACK		
2:07.37	NILS FERM	SWE	2008	6:05.42	ALDO CAPUTI	ITA	2005	2:31.61	KAZUNAGA AKUTSU	JPN	2007
2:10.36	WOODY BOWERSOCK	USA	2003	8:22.48	JESSE COON	USA	2000	2:42.01	JOHN HARRISON	GBR	2009
2:11.19	MASAHISA KANEKO	JPN	2003		200 M. I.M.			2:54.90	NORI YAMAMOTO	JPN	2005
2:18.51	NORI YAMAMOTO	JPN	1999	5:02.64	TOKUSHI KOMEDA	JPN	2004	3:04.37	GARY WEISENTHAL	USA	2008
2:19.73	JOHN HARRISON	GBR	2005	5:12.11	WALTER PFEIFER	USA	2003	3:19.14	TOM LANE	USA	1992
2:21.25	TOM HAVER	USA	2008	5:43.35	ALDO CAPUTI	ITA	2005	3:19.24	JARING TIMMERMAN	CAN	2005
	200 M. BACK			6:10.88	JOHN HARRISON	GBR	2005	3:32.44	ALFREDO CHERCHI	AUS	2003
4:05.77	GORO KOBAYASHI	JPN	2007	6:25.78	JESSE COON	USA	2000	3:33.74	ROMAN JEZEK	CAN	2009
4:32.63	NILS FERM	SWE	2009	7:02.80	JIM PENFIELD	USA	1998	4:12.55	HANS HAHN	GER	2004
4:34.60	R.REINSTADTLER	GER	2002	7:08.31	PETER JURCZYK	USA	1996		200 M. BACK		
4:41.28	TOSHIJI SATO	JPN	2005	7:23.22	ANDREW KALLUNKI	USA	1995	6:38.69	GARY WEISENTHAL	USA	2008
4:42.14	JOHN HARRISON	GBR	2004	7:25.47	HARUO ENDO	JPN	2002	8:19.55	ALFREDO CHERCHI	AUS	2002
4:46.15	JOHN MERRILL	USA	2008		400 M. I.M.				50 M. BRST		
4:58.86	WOODY BOWERSOCK	USA	2003	11:19.91	WALTER PFEIFER	USA	2003	1:26.15	KAZUNAGA AKUTSU	JPN	2007
5:06.10	GASTAO FIGUEIREDO	BRA	2000	13:52.72	JESSE COON	USA	2000	1:26.61	GUS LANGNER	USA	1998
5:10.41	ARTHUR THOMAS	AUS	2007					1:35.45	ROMAN JEZEK	CAN	2009
5:10.78	DICK WESTERFIELD	USA	2005					1:36.87	TOM LANE	USA	1989
	50 M. BRST							1:44.98	RYUZO KADONO	JPN	2009
57.20	HIROMU YOSHIMOTO	JPN	2005					1:53.28	ARTHUR EVANS	AUS	2009
1:00.75	SEIJI TAKAHASHI	JPN	2005					1:55.64	MARTIN SCHMIDT	GER	2009
1:01.64	BRUD CLEAVELAND	USA	2007					3:03.46	EUGENE LEHMAN	CAN	2008
1:01.79	GEORGE CORONES	AUS	2009						100 M. BRST		
1:05.84	MITSUO SHIMO	JPN	1999	1:03.14	JARING TIMMERMAN	CAN	2005	3:36.50	ROMAN JEZEK	CAN	2009
1:06.04	Y.MIYAMOTO	JPN	2007	1:06.06	COLLISTER WHEELER	USA	1988	3:38.45	GUS LANGNER	USA	1998
1:06.22	R.REINSTADTLER	GER	2002	1:06.93	ALFREDO CHERCHI	AUS	2003		200 M. BRST		
1:06.73	RUSS WITTE	USA	2009	1:14.72	JOHN HARRISON	GBR	2009	7:37.17	GUS LANGNER	USA	1998
1:07.83	MASAHISA KANEKO	JPN	2002	1:20.07	ELI BARREIRO	ECU	2001	7:54.76	ROMAN JEZEK	CAN	2009
1:07.90	MIRIO VINCENTIN	ARG	2009	1:20.52	TOM LANE	USA	1989		50 M. FLY		
	100 M. BRST			1:26.22	ROMAN JEZEK	CAN	2009	2:01.41	WALTER PFEIFFER	USA	2008
2:15.43	HIROMU YOSHIMOTO	JPN	2005	1:31.68	ETSURO YASUI	JPN	2006	2:40.49	EUGENE LEHMAN	CAN	2008



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2009)

100 M. FLY
4:09.52 WALTER PFEIFFER USA 2008
200 M. FLY
14:05.25 WALTER PFEIFFER USA 2008
200 M. I.M.
8:55.97 WALTER PFEIFFER USA 2008
400 M. I.M.
17:29.20 WALTER PFEIFFER USA 2008

M E N 100-104

50 M. FREE
1:40.46 TOM LANE USA 1994
2:15.51 HANS HAHN GER 2008
3:22.65 EDWIN THOMAS USA 1994
100 M. FREE
4:05.98 TOM LANE USA 1994
50 M. BACK
1:50.73 TOM LANE USA 1994
2:25.23 HANS HAHN GER 2008
100 M. BACK
4:13.84 TOM LANE USA 1994
6:01.50 HANS HAHN GER 2008
200 M. BACK
9:04.31 TOM LANE USA 1994