



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

*****	WOMEN 25-29	17:50.23	AMY LEPPING	USA 1987	50	M.	FLY	
*****		17:54.78	HITOMI MATSUDA	JPN 2005	27.63	MOTOMI NAKAMURA	JPN	2013
*****		50	M. BACK		27.90	LINDA LUND TIETZE	DEN	2010
50	M. FREE	29.60	MAI NAKAMURA	JPN 2008	28.09	MARJA PARSSINEN	FIN	1997
25.42	ANNABEL KOSTEN	NED 2004	30.27	IRYNA BOLSHAKOVA	UKR 2011	28.14	YUKO NAKANISHI	JPN 2010
26.16	TATIANA BARBOSA	BRA 2007	30.27	ELENA PYATOVA	RUS 2008	28.19	C. MARGRISON	AUS 2012
26.20	ALISON SHEPPARD	GBR 1998	30.43	AKIKO MIZUMOTO	JPN 2008	28.19	JENNIFER BROOKS	USA 2003
26.38	RIENEKE TERINK	NED 2013	30.51	SVETLANA KARPEEEVA	RUS 2012	28.24	MABI TSUKIOKA	JPN 2008
26.56	MOTOMI NAKAMURA	JPN 2013	30.52	NAHOMI ERIGUCHI	JPN 2004	28.26	MELANIE SALDUCCI	FRA 2013
26.61	SANDRA KAZIKOVA	CZE 2005	30.73	KAORU ONO	JPN 1998	28.29	MEGAN JENDRICK	USA 2010
26.68	SARA SHAND	USA 1991	30.74	TAKAMI IGARASHI	JPN 2010	28.30	C.SIEVERT	GER 2000
26.74	IRINA SHLEMOVA	RUS 2013	30.80	DIANE GRANER	USA 1989	100	M. FLY	
26.77	C. MARGRISON	AUS 2012	31.01	FANNY LECLERCQ	FRA 2011	1:01.04	RACHEL KOMISARZ	USA 2001
26.82	HEATHER HAGEMAN	USA 1997	100	M. BACK		1:02.73	YUKO NAKANISHI	JPN 2010
100	M. FREE	1:04.82	AKIKO MIZUMOTO	JPN 2007	1:03.18	SHELLY JOHNSTON	USA 2006	
56.87	TATIANA BARBOSA	BRA 2007	1:04.88	KANA OHASHI	JPN 2007	1:03.29	HITOMI MATSUDA	JPN 2006
57.71	AIMEE RAMM	GBR 2008	1:05.02	ALISON SHEPPARD	GBR 1998	1:03.47	MAYU MURAKAMI	JPN 2008
57.76	SHEILA TAORMINA	USA 1995	1:05.78	ELENA PYATOVA	RUS 2008	1:03.63	EMILY MILAK	USA 2011
58.22	ALISON SHEPPARD	GBR 1998	1:06.13	KAORU ONO	JPN 1998	1:03.67	SHEILA TAORMINA	USA 1995
58.23	SARA SHAND	USA 1991	1:06.37	LIA OBERSTAR	USA 2004	1:03.89	JENNIFER BROOKS	USA 2003
58.59	HITOMI MATSUDA	JPN 2006	1:06.44	KELLY HARRIGAN	USA 2011	1:03.91	ROSEMARIE SEAMAN	USA 1987
58.65	CAROLINE KILIAN	USA 2006	1:06.46	MONIQUE RODAHL	NZL 1989	1:03.95	AIMEE RAMM	GBR 2008
58.66	HITOMI NAKAYAMA	JPN 2011	1:06.50	CARLA STAMPFLI	SUI 2013	200	M. FLY	
58.72	MONICA BENVENUTI	ITA 2003	1:06.59	BRITTA O'LEARY	USA 2012	2:16.82	KIM VAN KRUYSSEN	BEL 2000
58.75	SONJA SCHOBERT	GER 2012	200	M. BACK		2:17.51	SHEILA TAORMINA	USA 1996
58.75	KATATIN QUELENNEC	FRA 2006	2:17.30	KANA OHASHI	JPN 2007	2:17.56	YUKO NAKANISHI	JPN 2010
200	M. FREE	2:17.56	SOPHIE CASSON	GBR 2011	2:18.69	S.PALMERWHITE	AUS 1992	
2:02.06	SHEILA TAORMINA	USA 1996	2:19.97	DIANE GRANER	USA 1989	2:18.80	CHIZUKO UMIGUCHI	JPN 1997
2:02.44	RACHEL KOMISARZ	USA 2001	2:20.76	MONIQUE RODAHL	NZL 1989	2:20.72	HELEN SLATTER	GBR 1996
2:04.56	MEGAN JENDRICK	USA 2010	2:20.88	ALISON SHEPPARD	GBR 1998	2:21.27	HITOMI MATSUDA	JPN 2006
2:05.79	CAROLINE SAXBY	GBR 2012	2:22.41	LIA OBERSTAR	USA 2004	2:22.10	ERIKO KATO	JPN 2009
2:06.37	KIM VAN KRUYSSEN	BEL 2000	2:24.15	PAMELA HANSON	USA 2005	2:22.39	PRISCILLA MODROV	USA 2013
2:06.40	NADINE REICHERT	GER 2009	2:25.78	F.ALVARENGA	BRA 2012	2:22.42	JUNE FORD	USA 1987
2:06.81	HITOMI MATSUDA	JPN 2005	2:25.98	J.ADAMS	GBR 1987	200	M. I.M.	
2:07.08	SOPHIE CASSON	GBR 2011	2:26.27	C.GIBSON	CAN 1986	2:19.65	MARGOT JANDEL	GER 2003
2:07.11	SARA L SHAND	USA 1989	50	M. BRST		2:20.71	HITOMI MATSUDA	JPN 2005
2:07.14	SHARRON DAVIES	GBR 1990	31.60	MEGAN JENDRICK	USA 2010	2:21.84	SVETLANA KARPEEEVA	RUS 2012
400	M. FREE	32.01	S.SEMINATORE	ITA 1989	2:21.98	ALLISON WAGNER	USA 2005	
4:13.03	SHEILA TAORMINA	USA 1996	32.65	NICOLE HEIDEMANN	GER 2009	2:22.00	SHARRON DAVIES	GBR 1990
4:16.31	RACHEL KOMISARZ	USA 2001	32.75	YOSHIMI MIWA	JPN 2012	2:22.89	MONIQUE RODAHL	NZL 1989
4:18.62	SOPHIE CASSON	GBR 2011	32.79	MANUELA NACKEL	GER 2000	2:22.92	BRITTA O'LEARY	USA 2013
4:21.89	SWANN OBERSON	GER 2012	32.83	SONJA SCHOBERT	GER 2012	2:23.76	ALISON SHEPPARD	GBR 1998
4:23.81	NADINE REICHERT	GER 2009	33.54	SILKE HORNER	GER 1994	2:24.65	MARION BLANCHARD	FRA 2012
4:24.11	SILVIA VIDA	GER 2003	33.60	PETRA MARTIN	USA 2005	2:24.99	ANDREA SIMAKOVA	CZE 2003
4:26.63	KIM VAN KRUYSSEN	BEL 2000	33.61	KARIN HIDING	NED 2013	400	M. I.M.	
4:27.53	SARA L SHAND	USA 1989	33.63	LAURA GLASS	USA 2009	5:02.78	HITOMI MATSUDA	JPN 2006
4:28.30	HITOMI MATSUDA	JPN 2006	100	M. BRST		5:05.29	SHARRON DAVIES	GBR 1990
4:30.24	CRISTINA TEUSCHER	GBR 2004	1:10.56	MEGAN JENDRICK	USA 2010	5:06.34	SARA L SHAND	USA 1989
800	M. FREE	1:12.09	BRIGITTE BECUE	BEL 2000	5:08.31	ADRIENNE BROWN	USA 2013	
8:45.89	SWANN OBERSON	GER 2012	1:12.37	NICOLE HEIDEMANN	GER 2011	5:08.54	ERIKO KATO	JPN 2009
8:47.44	RACHEL KOMISARZ	USA 2001	1:12.65	HITOMI MATSUDA	JPN 2006	5:10.54	CRISTINA TEUSCHER	GBR 2004
8:51.48	NADINE REICHERT	GER 2009	1:13.15	MANUELA NACKEL	GER 1999	5:11.02	S.PALMERWHITE	AUS 1992
8:52.65	SOPHIE CASSON	GBR 2011	1:13.19	KATIE HENDERSON	GBR 2009	5:11.68	ALLISON WAGNER	USA 2005
8:53.93	K.BISHOP	AUS 1989	1:13.30	BRITTA O'LEARY	USA 2012	5:11.74	MARION BLANCHARD	FRA 2012
9:15.29	PAULA WOOD	GBR 2007	1:13.56	ULRIKE GERNER	GER 2012	5:11.82	MARIT BLOEMER	GER 2009
9:17.09	MARIT BLOMER	GER 2009	1:13.80	SUSANNE HOCH	GER 2012			
9:18.43	SARA L SHAND	USA 1989	1:14.91	LARISSA BRAK	NED 2013	*****		
9:18.74	MARY HOLMES	USA 1988	200	M. BRST		WOMEN 30-34		
9:18.78	JUDY FORD	USA 1988	2:35.46	HITOMI MATSUDA	JPN 2006	*****		
1500	M. FREE	2:35.82	NICOLE HEIDEMANN	GER 2009	50	M. FREE		
16:34.89	SWANN OBERSON	GER 2012	2:37.68	ULRIKE GERNER	GER 2012	25.74	MARTINA MORAVCOVA	USA 2009
16:39.77	RACHEL KOMISARZ	USA 2001	2:37.68	KATIE HENDERSON	GBR 2009	25.99	TONI JEFFS	NZL 2002
16:53.78	SOPHIE CASSON	GBR 2011	2:38.22	KATJA BRASCHOFF	GER 2006	26.18	KATRINA RADKE	USA 2004
17:26.88	PAULA WOOD	GBR 2007	2:39.40	BRITTA O'LEARY	USA 2012	26.25	ANGEL MARTINO	USA 2000
17:27.96	SHEILA TAORMINA	USA 1995	2:42.02	SHARRON DAVIES	GBR 1990	26.37	S.NEILSON-BELL	USA 1988
17:38.09	S. PALMER-WHITE	AUS 1991	2:42.55	CAMILLE MARCHAND	FRA 2013	26.38	PEGGY GROSS	USA 2002
17:38.78	AMY POPE	USA 1988	2:43.06	CLAIRE DESDOIT	FRA 2010	26.47	RUTH JONES	USA 2013
17:41.64	LINDA GALLO	USA 2004	2:43.17	A.JANITZKI	GER 2009	26.59	PASCAL VERBAUWEN	BEL 1993



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

26.72 NORIKO INADA	USA 2012	100 M. BACK		1:00.03 ANGEL MARTINO	USA 2000
26.75 TRACIE MOLL	USA 1998	1:01.78 NORIKO INADA	USA 2011	1:01.19 L. CARVALHO	AUS 2010
100 M. FREE		1:03.30 KATY SEXTON	GBR 2012	1:01.79 HITOMI MATSUDA	JPN 2009
55.24 ERIKA ERNDL	USA 2009	1:03.78 SARABETH METZGER	USA 2009	1:03.93 TRACIE MOLL	USA 1998
55.62 MARTINA MORAVCOVA	USA 2008	1:04.40 KANA OHASHI	JPN 2009	1:04.08 LAURA BIANZANI	ITA 2004
57.09 ANGEL MARTINO	USA 2000	1:05.42 DIANE GALLAS	USA 1996	1:04.43 KARLYN PIPES	USA 1996
58.01 PASCALE VERBAUWEN	BEL 1993	1:05.45 KANA YAMAGUCHI	JPN 2010	1:04.51 NADINE ROLLAND	CAN 2005
58.09 SANDY NEILSON	USA 1988	1:05.54 KARLYN PIPES	USA 1996	1:04.67 SARABETH METZGER	USA 2009
58.20 HITOMI MATSUDA	JPN 2010	1:06.63 KATIE BIRCHALL	GBR 2012	1:04.80 PASCALE VERBAUWEN	BEL 1996
58.30 KATY SEXTON	GBR 2012	1:06.81 MEGAN MELGAARD	USA 2012	200 M. FLY	
58.37 RUTH JONES	USA 2013	1:07.10 FLORENCE RIERA	FRA 2012	2:13.60 METTE JACOBSEN	DEN 2006
58.38 TRACIE MOLL	USA 1998	200 M. BACK		2:20.07 EVGUENIA OJOGUINA	RUS 1999
58.70 KATJA OTTO	GER 2013	2:17.61 SARABETH METZGER	USA 2009	2:20.12 KARLYN PIPES	USA 1996
200 M. FREE		2:17.73 KARLYN PIPES	USA 1996	2:21.24 YUKIE UBUKATA	JPN 2012
2:04.05 DAWN HECKMAN	USA 2011	2:18.05 KANA YAMAGUCHI	JPN 2012	2:21.46 LAURA BIANZANI	ITA 2004
2:04.62 HITOMI MATSUDA	JPN 2009	2:18.26 KANA OHASHI	JPN 2009	2:21.50 HITOMI MATSUDA	JPN 2007
2:05.91 CAROLINE SAXBY	AUS 2013	2:21.26 DIANE GALLAS	USA 1996	2:22.57 HIDEKA KOSHIMIZU	JPN 1995
2:06.80 KARLYN PIPES	USA 1996	2:22.52 JOANNA CORBEN	GBR 2002	2:23.26 MARTIE MC KINNEY	USA 1995
2:06.91 MEGAN MELGAARD	USA 2012	2:23.47 DAPHNE FUCHS	GER 1993	2:23.35 MELISSA VARLAS	USA 2005
2:07.84 BETH KNIGHT	USA 1989	2:24.09 JO SWATTON	GBR 2001	2:23.39 L. CARVALHO	AUS 2011
2:07.87 KATJA TROSIEN	GER 2007	2:24.25 MEGAN MELGAARD	USA 2012	200 M. I.M.	
2:08.26 ANGEL MARTINO	USA 2000	2:25.67 GITTE RAAGAARD	DEN 2004	2:13.89 ERIKA ERNDL	USA 2009
2:08.29 KIRSTEN CAMERON	NZL 2007	50 M. BRST		2:19.28 HITOMI MATSUDA	JPN 2010
2:09.12 LYNN MARSHALL	CAN 1992	32.22 NICOLE HEIDEMANN	GER 2013	2:21.28 N.VINOKURENKOVA	RUS 2013
400 M. FREE		32.42 HITOMI MATSUDA	JPN 2009	2:23.12 KARLYN PIPES	USA 1996
4:18.63 DAWN HECKMAN	USA 2011	32.77 YUKO SAKAGUCHI	JPN 2009	2:23.50 SARABETH METZGER	USA 2009
4:25.60 HITOMI MATSUDA	JPN 2008	33.20 KATIE MCCLELLAND	USA 2008	2:24.12 NADINE DAY	USA 2004
4:26.50 MEGAN MELGAARD	USA 2012	33.45 N.VINOKURENKOVA	RUS 2013	2:25.90 WENKE HANSEN	USA 2000
4:27.11 CAROLINE SAXBY	AUS 2013	33.66 ISABEL FIGUEIRA	POR 2009	2:26.17 YVETTA HLAVACOVA	CZE 2005
4:27.11 KIRSTEN CAMERON	NZL 2007	33.84 WENKE HANSEN	USA 1999	2:26.41 HIDEKA KOSHIMIZU	JPN 1995
4:28.76 KARLYN PIPES	USA 1996	33.92 LAURA GLASS	USA 2010	2:26.44 KANA YAMAGUCHI	JPN 2012
4:30.38 BETH L KNIGHT	USA 1991	34.11 SUSANNE HOCH	GER 2013	400 M. I.M.	
4:31.82 KELLY HIGGINS	AUS 2011	34.19 HANNAH CALDAS	USA 2011	4:56.08 HITOMI MATSUDA	JPN 2009
4:31.93 SUSAN PORTER	USA 1994	100 M. BRST		5:03.97 KARLYN PIPES	USA 1996
4:32.52 LISA HAZEN	USA 1995	1:10.10 HITOMI MATSUDA	JPN 2009	5:05.05 HIDEKA KOSHIMIZU	JPN 1995
800 M. FREE		1:11.77 N.VINOKURENKOVA	RUS 2013	5:09.93 NADINE DAY	USA 2004
8:46.47 DAWN HECKMAN	USA 2011	1:11.98 NICOLE HEIDEMANN	GER 2013	5:09.95 A.JANITZKI	GER 2010
9:13.22 KIRSTEN CAMERON	NZL 2007	1:13.29 KATIE MCCLELLAND	USA 2008	5:11.39 KAREN BURTON	USA 1992
9:16.82 LYNN MARSHALL	CAN 1992	1:14.32 ULRIKE GERNER	GER 2013	5:13.97 SUSAN PORTER	USA 1994
9:17.54 YVETTA HLAVACOVA	CZE 2005	1:14.53 WENKE HANSEN	USA 1999	5:14.75 ANNE VELEZ	FRA 2010
9:19.96 SUSAN PORTER	USA 1994	1:14.95 ISABEL FIGUEIRA	POR 2009	5:15.13 SANDIE EASTON	USA 2002
9:20.20 BETH L KNIGHT	USA 1991	1:15.18 A.JANITZKI	GER 2010	5:15.37 VALERIE HADD	CAN 2010
9:21.60 KELLY HIGGINS	AUS 2011	1:15.18 YUKO SAKAGUCHI	JPN 2009	*****	
9:22.73 KAREN BURTON	USA 1996	1:15.45 NADINE DAY	USA 2004	*****	
9:23.06 BROOKE BENNETT	USA 2012	200 M. BRST		WOMEN 35-39	
9:23.57 SUSANNE KELLER	SUI 2012	2:28.93 HITOMI MATSUDA	JPN 2009	*****	
1500 M. FREE		2:38.46 N.VINOKURENKOVA	RUS 2013	50 M. FREE	
17:11.25 HEIDI GEORGE	USA 2009	2:39.71 NICOLE HEIDEMANN	GER 2013	25.98 DARA TORRES	USA 2006
17:32.48 DAWN HECKMAN	USA 2008	2:40.90 A.JANITZKI	GER 2010	26.53 EDITH OTTERMANN	RSA 2004
17:38.70 KAREN BURTON	USA 1996	2:41.51 WENKE HANSEN	USA 1999	26.63 EKATERINA YUDINA	RUS 2013
17:43.52 KIRSTEN CAMERON	NZL 2007	2:41.63 KATIE MCCLELLAND	USA 2008	26.65 ERIKA BRAUN	USA 2011
17:48.44 K.PIPES-NEILSEN	USA 1996	2:41.72 ULRIKE GERNER	GER 2013	26.66 TRACIE MOLL	USA 1999
17:48.60 LISA HAZEN	USA 1996	2:42.12 KATIE HENDERSON	GBR 2012	26.68 S.NEILSON-BELL	USA 1996
17:53.12 BROOKE BENNETT	USA 2012	2:44.61 CYNTHIA LEWIN	USA 2009	26.78 SANDRA KAZIKOVA	CZE 2012
17:53.28 HITOMI MATSUDA	JPN 2007	2:45.20 KYLA STEENHART	NZL 2008	26.85 PEGGY GROSS	USA 2004
17:55.58 BETH L KNIGHT	USA 1991	50 M. FLY		27.09 SHERI HART	USA 2006
18:02.01 AMY POPE	USA 1991	27.48 MARTINA MORAVCOVA	USA 2009	27.09 M.DRUECKHAMMER	USA 2002
50 M. BACK		27.59 ANGEL MARTINO	USA 2000	100 M. FREE	
28.57 NORIKO INADA	USA 2012	27.61 NORIKO INADA	USA 2012	58.87 HITOMI MATSUDA	JPN 2012
28.95 MAI NAKAMURA	JPN 2009	27.73 NADINE ROLLAND	CAN 2008	58.87 S.NEILSON-BELL	USA 1995
29.55 MARTINA MORAVCOVA	USA 2009	28.25 RUTH JONES	USA 2013	58.94 BETH KNIGHT	USA 1994
29.70 KANA OHASHI	JPN 2009	28.38 MABI TSUKIOKA	JPN 2009	59.16 SHERI HART	USA 2006
29.84 KATY SEXTON	GBR 2013	28.72 E.BELLINGER	GBR 2008	59.20 TRACIE MOLL	USA 1999
30.32 KANA YAMAGUCHI	JPN 2011	28.74 LINDSEY URBATCHKA	USA 2013	59.21 K.PIPES-NEILSEN	USA 1997
30.45 NADINE ROLLAND	CAN 2008	28.77 TRACIE MOLL	USA 1998	59.26 MEGAN OESTING	USA 2009
30.82 NAHOMI SHIRATA	JPN 2006	28.82 JUNKO ONISHI	JPN 2006	59.29 M.DRUECKHAMMER	USA 2002
30.94 DIANE GALLAS	USA 1996	100 M. FLY		59.46 EKATERINA YUDINA	RUS 2012
31.03 KIKKI MYHRBRO	NED 1994	58.81 MARTINA MORAVCOVA	USA 2008	59.47 MELINDA MAROSTI	HUN 2005



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

200 M. FREE		2:20.67	KANA OHASHI	JPN 2013	2:26.38	LAURA B VAL	USA 1989
2:06.62 K.PIPES-NEILSEN	USA 1998	2:22.07	JODY SMITH	USA 2008	2:26.71	KRISTINA ULVELING	USA 2008
2:07.64 SHEILA TAORMINA	USA 2006	2:22.92	SHERI HART	USA 2006	2:27.21	NICOLA LATTY	GBR 2007
2:07.99 HITOMI MATSUDA	JPN 2012	2:23.47	JOANNA CORBEN	GBR 2005	2:27.36	ANA PAULA GRILLO	POR 2006
2:08.71 TRACIE MOLL	USA 1999	2:24.52	PASCALE VERBAUWEN	BEL 1998	2:27.42	L. CARVALHO	AUS 2013
2:08.75 KIRSTEN CAMERON	NZL 2009	2:26.32	TERRY RADAM	USA 2000	2:27.55	DEBBIE YOUNGER	CAN 2005
2:08.93 CLAUDIA POLL	CRC 2010	2:26.44	SILVIA PAROCCHI	ITA 2003	2:27.70	EVGENIYA OZHOGINA	RUS 2004
2:08.93 BETH KNIGHT	USA 1994	2:26.58	C.J.-SPONCELLER	SWE 2010	200 M. I.M.		
2:09.33 SUSAN HALFACRE	USA 1988	2:26.66	ZENA HERRMANN	USA 1994	2:21.47	HITOMI MATSUDA	JPN 2012
2:09.70 MELANIA BUSSIÈRE	CAN 2008	50 M. BRST			2:22.42	K.PIPES-NEILSEN	USA 1997
2:10.14 LAUREEN WELTING	USA 2001	32.86	KATIE GLENN	USA 2013	2:25.56	CYNTHIA LEWIS	USA 2013
400 M. FREE		33.10	R.CRESCENTINI	ITA 2011	2:28.07	CAROLINE KRATTLI	USA 2001
4:25.68 KIRSTEN CAMERON	NZL 2009	33.24	HITOMI MATSUDA	JPN 2012	2:28.51	CLAUDIA POLL	CRC 2010
4:26.17 K.PIPES-NEILSEN	USA 1997	33.52	LINLEY FRAME	AUS 2010	2:28.83	SILVIA PAROCCHI	ITA 2004
4:29.56 HITOMI MATSUDA	JPN 2012	33.64	SYLVIA GERASCH	GER 2004	2:28.93	JUDITH LALLIER	USA 1994
4:31.35 BETH KNIGHT	USA 1994	33.85	ANNA-KARIN LUNDIN	SWE 2011	2:28.97	KATHERINE VEALE	GBR 2001
4:32.57 SHEILA TAORMINA	USA 2006	33.91	CAROLINE KRATTLI	USA 2001	2:29.17	KARIN SEICK	GER 1996
4:33.08 SUSAN HALFACRE	USA 1988	34.13	CYNTHIA LEWIS	USA 2013	2:29.18	NADINE DAY	USA 2006
4:34.20 SUSAN PAMELIA	USA 1987	34.36	KELLY LEGASPI	USA 2009	400 M. I.M.		
4:35.19 VALERIA VERGANI	ITA 2006	34.41	L.WETZEL-OSBORNE	USA 1989	4:59.59	HITOMI MATSUDA	JPN 2012
4:35.74 ANA PAULA GRILLO	POR 2006	100 M. BRST			5:02.67	K.PIPES-NEILSEN	USA 1998
4:35.89 JACQUI ROBINSON	AUS 2008	1:12.34	KATIE GLENN	USA 2013	5:15.05	LAUREEN WELTING	USA 2001
800 M. FREE		1:12.75	CYNTHIA LEWIS	USA 2013	5:16.17	CYNTHIA LEWIS	USA 2011
9:05.15 KIRSTEN CAMERON	NZL 2009	1:12.77	HITOMI MATSUDA	JPN 2012	5:16.83	NADINE DAY	USA 2007
9:13.49 SHEILA TAORMINA	USA 2006	1:13.81	CAROLINE KRATTLI	USA 2001	5:18.43	JILL HERNANDEZ	USA 1999
9:16.20 K.PIPES-NEILSEN	USA 1997	1:14.65	LINLEY FRAME	AUS 2010	5:19.77	KATHERINE VEALE	GBR 2001
9:20.62 BETH KNIGHT	USA 1994	1:14.84	ANNA-KARIN LUNDIN	SWE 2011	5:20.69	ASA NEIJ	SWE 2010
9:24.54 SUSAN HALFACRE	USA 1988	1:15.11	S.VON DER LIPPE	USA 2004	5:21.23	CINDY BERTELINK	CAN 2012
9:25.54 PENNY BOND	AUS 1998	1:15.36	SYLVIA GERASCH	GER 2004	5:22.15	K.WULFF-HOPPE	GER 2003
9:26.17 JACQUI ROBINSON	AUS 2008	1:15.65	KELLY LEGASPI	USA 2009	*****		
9:27.41 HITOMI MATSUDA	JPN 2012	1:16.09	R.CRESCENTINI	ITA 2010	*****		
9:27.70 VALERIA VERGANI	ITA 2006	200 M. BRST			WOMEN 40-44		
9:29.55 JILL HERNANDEZ	USA 1999	2:35.40	HITOMI MATSUDA	JPN 2012	*****		
1500 M. FREE		2:39.78	KATIE GLENN	USA 2013	50 M. FREE		
17:31.97 KIRSTEN CAMERON	AUS 2012	2:40.63	CYNTHIA LEWIS	USA 2013	25.68	DARA TORRES	USA 2011
17:42.64 HEIDI GEORGE	USA 2013	2:41.51	YUKO MORITA	JPN 2012	26.44	EDITH OTTERMANN	RSA 2009
17:46.58 K.PIPES-NEILSEN	USA 2000	2:41.76	CAROLINE KRATTLI	USA 2001	26.64	INGE DE BRUIJN	NED 2013
17:54.74 HITOMI MATSUDA	JPN 2012	2:46.59	KAREN KEY	GBR 2012	26.71	ERIKA BRAUN	USA 2013
17:59.12 BETH KNIGHT	USA 1994	2:46.73	KELLY LEGASPI	USA 2009	26.88	MARIA DOELGER	USA 2003
18:07.43 LYNN MARSHALL	CAN 1996	2:47.19	SYLVIA GERASCH	GER 2004	26.95	JUNKO NAKANO	JPN 2008
18:09.36 LISA HAZEN	USA 1999	2:47.34	MARIT BREITFELD	GER 2010	26.97	ELIZABETH EMERY	USA 2002
18:12.11 SUSAN PAMELIA	USA 1987	2:47.83	YUKA KAWAI	JPN 2011	27.18	JENNIE BUCKNELL	AUS 2009
18:13.21 ALISON ZAMANIAN	USA 2008	50 M. FLY			27.28	ANN WORTHINGTON	USA 2006
18:15.93 LAURIE DODD	USA 2011	27.80	NORIKO INADA	USA 2013	27.39	S.NEILSON-BELL	USA 1996
50 M. BACK		28.03	LYNNE HAYES	AUS 2009	100 M. FREE		
29.93 NORIKO INADA	USA 2013	28.25	R.CRESCENTINI	ITA 2011	58.04	ERIKA BRAUN	USA 2013
30.17 SHERI HART	USA 2010	28.32	TRACIE MOLL	USA 1999	58.43	MARIA DOELGER	USA 2003
30.89 KANA OHASHI	JPN 2013	28.67	JUNKO ONISHI	JPN 2010	59.13	ELIZABETH EMERY	USA 2002
31.22 MARIA RIVERA	VEN 2010	28.73	PASCALE VERBAUWEN	BEL 2001	59.59	K.PIPES-NEILSEN	USA 2004
31.24 GISELI PEREIRA	BRA 2011	28.75	KRISTINA ULVELING	USA 2009	1:00.32	BARBARA KEHBEIN	GER 2013
31.27 PASCALE VERBAUWEN	BEL 2001	28.92	EKATERINA YUDINA	RUS 2013	1:00.39	BEVERLEY MCCARNEY	RSA 2004
31.28 CINDY MABEE	CAN 2008	28.92	SANDRA KAZIKOVA	CZE 2012	1:00.40	S.VON DER LIPPE	USA 2009
31.31 K.PIPES-NEILSEN	USA 1999	29.09	MELANIA BUSSIÈRE	CAN 2008	1:00.41	FALL WILLEBOORDSE	USA 2009
31.50 NAHOMI SHIRATA	JPN 2011	100 M. FLY			1:00.50	ANA FORTIN	HON 2012
31.58 MARIANNE KRIEL	RSA 2006	1:02.44	LYNNE HAYES	AUS 2009	1:00.63	S.NEILSON-BELL	USA 1996
100 M. BACK		1:03.52	MELANIA BUSSIÈRE	CAN 2008	200 M. FREE		
1:03.04 NORIKO INADA	USA 2013	1:03.79	TRACIE MOLL	USA 1999	2:09.00	K.PIPES-NEILSEN	USA 2003
1:04.99 SHERI HART	USA 2010	1:03.97	KRISTINA ULVELING	USA 2009	2:10.50	S.VON DER LIPPE	USA 2007
1:05.41 K.PIPES-NEILSEN	USA 1997	1:04.34	K.PIPES-NEILSEN	USA 1998	2:11.13	KIRSTEN CAMERON	AUS 2013
1:05.58 KANA OHASHI	JPN 2013	1:04.91	DEBBIE YOUNGER	CAN 2005	2:11.63	BARBARA KEHBEIN	GER 2013
1:06.34 GISELI PEREIRA	BRA 2011	1:05.02	PEGGY GROSS	USA 2004	2:12.24	AMANDA PICARD	SUI 2008
1:06.91 JODY SMITH	USA 2008	1:05.39	SUSAN HALFACRE	USA 1988	2:12.75	SUSANNE SIMPSON	USA 2002
1:07.44 C.J.-SPONCELLER	SWE 2010	1:05.45	HITOMI MATSUDA	JPN 2013	2:12.77	VALERIA VERGANI	ITA 2013
1:07.79 JOANNA CORBEN	GBR 2005	1:05.87	PASCALE VERBAUWEN	BEL 1998	2:13.09	JODY SMITH	USA 2009
1:07.93 MARIA RIVERA	VEN 2010	200 M. FLY			2:13.10	JILL HERNANDEZ	USA 2000
1:07.94 CINDY MABEE	CAN 2008	2:20.21	K.PIPES-NEILSEN	USA 1997	2:13.29	KATLIN VOLK	GER 2012
200 M. BACK		2:22.05	HITOMI MATSUDA	JPN 2012	400 M. FREE		
2:18.20 K.PIPES-NEILSEN	USA 1997	2:26.36	SHEILA TAORMINA	USA 2006	4:22.87	JANET EVANS	USA 2011



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

4:28.24	K PIPES-NEILSEN	USA	2002	33.44	S.BONDARENKO	UKR	2011	2:29.80	CAROLINE KRATTLI	USA	2002
4:30.12	KIRSTEN CAMERON	AUS	2013	33.79	CAROLINE KRATTLI	USA	2002	2:30.70	WENKE SEIDER	USA	2013
4:34.33	AMANDA PICARD	SUI	2008	33.86	LISA BLACKBURN	USA	2013	2:30.89	ANA PAULA GRILLO	ESP	2009
4:34.33	SUSAN PRESTON	USA	2006	34.20	S.SEMINATORE	ITA	2004	2:30.96	JILL HERNANDEZ	USA	2000
4:35.74	PENNY PALFREY	AUS	2002	34.97	DAGMAR HILBIG	GER	2000	2:31.45	ANGELA DELISSEN	GER	2009
4:36.26	SUSAN DOMBKOWSKI	USA	2006	35.05	ANNA HAMMAR	SWE	2012	2:31.57	GISELI PEREIRA	BRA	2012
4:38.10	VALERIA VERGANI	ITA	2013	35.12	SABINA VITALONI	ITA	2012	2:31.71	CLAUDIA POLL	CRC	2012
4:38.69	ALISON ZAMANIAN	USA	2011	35.13	MARZENA KULIS	ITA	2008	400 M. I.M.			
4:38.69	JILL HERNANDEZ	USA	2000	100 M. BRST				5:09.83	K PIPES-NEILSEN	USA	2004
	800 M. FREE			1:11.31	LINLEY FRAME	AUS	2013	5:21.32	JILL HERNANDEZ	USA	2000
8:59.06	JANET EVANS	USA	2011	1:13.34	S.VON DER LIPPE	USA	2006	5:21.87	MARZENA KULIS	ITA	2006
9:16.65	KIRSTEN CAMERON	AUS	2013	1:13.82	CAROLINE KRATTLI	USA	2002	5:21.95	VALERIA VERGANI	ITA	2012
9:24.77	K PIPES-NEILSEN	USA	2002	1:14.12	S.BONDARENKO	UKR	2012	5:22.96	ANA PAULA GRILLO	ESP	2009
9:24.90	PENNY PALFREY	AUS	2002	1:14.35	LISA BLACKBURN	USA	2013	5:24.50	ANGELA DELISSEN	GER	2008
9:25.95	SUSAN PRESTON	USA	2006	1:14.90	MARZENA KULIS	ITA	2006	5:24.89	NADINE DAY	USA	2010
9:25.95	SUZ HEIM-BOWEN	USA	2001	1:15.83	H.MORRIS-EYTON	RSA	2010	5:26.35	HELEN WHITFORD	AUS	2008
9:28.33	AMANDA PICARD	SUI	2008	1:16.81	DAGMAR HILBIG	GER	2000	5:26.74	CAROLINE KRATTLI	USA	2002
9:30.66	VALERIA VERGANI	ITA	2013	1:17.14	WENKE SEIDER	USA	2012	5:27.97	S.REIBEL-OBERLE	GER	2006
9:31.64	JILL HERNANDEZ	USA	2000	1:17.20	HELEN GORMAN	GBR	2013				
9:34.55	N.MUIR-COCHRANE	GBR	2004	200 M. BRST				*****			
	1500 M. FREE			2:38.44	S.VON DER LIPPE	USA	2006				
17:56.52	K PIPES-NEILSEN	USA	2003	2:40.76	H.MORRIS-EYTON	RSA	2010	50 M. FREE			
18:02.60	AMANDA PICARD	SUI	2008	2:41.53	LINLEY FRAME	AUS	2012	26.59	EDITH OTTERMANN	RSA	2011
18:07.10	VALERIA VERGANI	ITA	2013	2:42.06	CAROLINE KRATTLI	USA	2002	27.04	M.FUZZATI	SUI	2013
18:14.34	SUZ HEIM-BOWEN	USA	1998	2:43.17	MARZENA KULIS	ITA	2006	27.26	JENNIE BUCKNELL	AUS	2012
18:15.98	N.MUIR-COCHRANE	GBR	2004	2:44.02	HELEN GORMAN	GBR	2013	27.44	SUSAN WALSH	USA	2007
18:25.26	JILL HERNANDEZ	USA	2000	2:44.44	LISA BLACKBURN	USA	2013	27.67	FALL WILLEBOORDSE	USA	2011
18:25.28	LYNN MARSHALL	CAN	2002	2:49.37	WENKE SEIDER	USA	2011				
18:43.69	JANET EVANS	USA	2011	2:49.95	KEIKO OKAMOTO	JPN	2009	27.68	ANETTE PHILIPPSSON	SWE	2012
18:44.49	LESLIEH MAYES	AUS	2001	2:49.95	DAGMAR HILBIG	GER	1999	27.76	BRIGITTE HEUER	USA	2006
18:45.43	GALEN RINALDI	USA	2011	50 M. FLY				27.78	JUNKO NAKANO	JPN	2011
	50 M. BACK			28.36	ERIKA BRAUN	USA	2013	27.78	BETH LUTZ KNIGHT	USA	2005
30.89	MARIA RIVERA	VEN	2013	28.52	S.VON DER LIPPE	USA	2009	27.81	LISA DAHL	USA	2006
31.49	CINDY MABEE	CAN	2009	28.97	ELIZABETH EMERY	USA	2002	100 M. FREE			
31.52	GISELI PEREIRA	BRA	2013	29.02	EDITH OTTERMANN	RSA	2010	59.79	K.PIPES-NEILSEN	USA	2007
31.54	ERIKA BRAUN	USA	2013	29.13	SILVIA PAROCCHI	ITA	2007	1:00.05	M.FUZZATI	SUI	2013
31.63	JODY SMITH	USA	2009	29.24	MARIA RIVERA	VEN	2013	1:00.16	SUSAN WALSH	USA	2007
31.69	JUNKO NAKANO	JPN	2008	29.29	MARIA DOELGER	USA	2003	1:00.78	JENNIE BUCKNELL	AUS	2011
31.71	ANDREA KUTZ	GER	2013	29.35	K PIPES-NEILSEN	USA	2002	1:00.95	BETH LUTZ KNIGHT	USA	2005
31.90	MONICA SORO	ITA	2011	29.40	K.RADKE GERRY	USA	2012	1:01.03	REBECCA PERrott	NZL	2008
31.97	SYLVIE ALLERY	FRA	2009	29.59	YOKO YAMAGUCHI	JPN	2010	1:01.15	ANNA HAMMAR	SWE	2013
31.99	ANA TEJEDA	DOM	2013	29.59	BETH BAKER	USA	2001	1:01.19	ANETTE PHILIPPSSON	SWE	2012
31.99	BEVERLEY MCCARNEY	RSA	2004	100 M. FLY				1:01.39	SARAH MACDONALD	CAN	2005
100 M. BACK				1:03.36	S.VON DER LIPPE	USA	2009	1:01.60	FALL WILLEBOORDSE	USA	2011
1:07.06	CINDY MABEE	CAN	2009	1:04.74	K PIPES-NEILSEN	USA	2003	200 M. FREE			
1:07.21	JODY SMITH	USA	2009	1:05.33	SILVIA PAROCCHI	ITA	2007	2:10.09	K.PIPES-NEILSEN	USA	2009
1:07.69	K PIPES-NEILSEN	USA	2003	1:05.61	BETH BAKER	USA	2001	2:12.76	BETH LUTZ KNIGHT	USA	2005
1:07.75	GISELI PEREIRA	BRA	2013	1:05.80	BEVERLEY MCCARNEY	RSA	2004	2:13.17	SUZANN HEIM-BOWEN	USA	2003
1:08.21	SYLVIE ALLERY	FRA	2009	1:06.27	LAURA VAL	USA	1992	2:13.27	ELENE JONES	USA	2009
1:08.32	HELEN WHITFORD	AUS	2008	1:06.35	WENKE SEIDER	USA	2013	2:13.55	REBECCA PERrott	NZL	2008
1:08.33	KRISTIN GARY	USA	2008	1:06.40	MARZENA KULIS	ITA	2007	2:13.85	JILL HERNANDEZ	USA	2005
1:08.64	SILVIA PAROCCHI	ITA	2007	1:06.41	MARIA DOELGER	USA	2003	2:14.84	SUSANNE SIMPSON	USA	2005
1:08.75	JOANNA CORBEN	GBR	2012	1:06.73	DANIELA DE PONTI	ITA	2006	2:14.89	ELLEN REYNOLDS	USA	2013
1:08.87	FALL WILLEBOORDSE	USA	2010	200 M. FLY				2:15.21	SUSANNA ROSEN	SWE	2009
	200 M. BACK			2:24.77	K PIPES-NEILSEN	USA	2003	2:15.69	JENNIE BUCKNELL	AUS	2011
2:23.18	SILVIA PAROCCHI	ITA	2009	2:24.78	S.VON DER LIPPE	USA	2006	400 M. FREE			
2:23.18	JODY SMITH	USA	2009	2:25.15	SUSAN PRESTON	USA	2006	4:35.84	K.PIPES-NEILSEN	USA	2008
2:23.64	K PIPES-NEILSEN	USA	2003	2:27.20	NICOLA LATTY	GBR	2012	4:37.74	ELENE JONES	USA	2009
2:27.11	HELEN WHITFORD	AUS	2008	2:29.11	KAREN HIGGISON	AUS	2009	4:39.20	SUZANN HEIM-BOWEN	USA	2003
2:27.78	JOANNA CORBEN	GBR	2010	2:29.37	SUSANNE SIMPSON	USA	2002	4:41.63	LYNN MARSHALL	CAN	2010
2:28.36	KRISTIN GARY	USA	2008	2:29.81	BETH BAKER	USA	2001	4:43.14	SUSANNE SIMPSON	USA	2008
2:30.17	ELLEN REYNOLDS	USA	2008	2:30.42	ANA PAULA GRILLO	ESP	2009	4:44.23	C.PETERSEN	USA	2009
2:30.37	GISELI PEREIRA	BRA	2012	2:30.47	BIRGIT LOHBERG	USA	2007	4:44.38	CLAUDIA KERN	GER	2009
2:31.28	LISA WARD	USA	2008	2:31.80	SANDIE EASTON	USA	2009	4:45.57	JILL HERNANDEZ	USA	2005
2:31.34	LAURA SMITH	USA	2008	200 M. I.M.				4:45.65	SUSANNA ROSEN	SWE	2009
	50 M. BRST			2:25.03	S.VON DER LIPPE	USA	2007	4:46.14	MARGEE CURRAN	USA	2009
32.32	LINLEY FRAME	AUS	2013	2:25.38	K PIPES-NEILSEN	USA	2003	800 M. FREE			
33.25	S.VON DER LIPPE	USA	2006	2:28.64	LISA BLACKBURN	USA	2013	9:24.11	K.PIPES-NEILSEN	USA	2007



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

9:24.53	SUZANN HEIM-BOWEN	USA	2003	1:15.65	CAROLINE KRATTLI	USA	2007	5:27.86	REBECCA PERROTT	NZL	2008
9:36.86	ELENE JONES	USA	2008	1:17.16	MONICA CORO	ITA	2011	5:29.68	MARZENA KULIS	ITA	2009
9:40.27	LYNN MARSHALL	CAN	2008	1:18.19	MAGGIE KELLY	GBR	2001	5:30.74	STEPHANIE STONE	USA	2013
9:40.64	CLAUDIA KERN	GER	2009	1:18.21	ANNA HAMMAR	SWE	2013	5:32.02	HELEN WHITFORD	AUS	2012
9:43.99	SUSANNA ROSEN	SWE	2009	1:19.08	H.MORRIS-EYTON	RSA	2013	5:32.69	ANGELA DELISSEN	GER	2012
9:45.99	REBECCA PERROTT	NZL	2008	1:19.49	JENNY WHITELEY	AUS	2003	5:33.11	LYNN MARSHALL	CAN	2009
9:46.88	SUSANNE SIMPSON	USA	2008	1:20.12	ELKE SCHMITZ	GER	2012	5:35.38	VIBEKE SWANSON	USA	2007
9:47.56	MARGEE CURRAN	USA	2009	1:20.89	K.PIPES-NEILSEN	USA	2009				
9:52.94	TERESA GARCIA	ESP	2010	200 M.	BRST						
1500 M. FREE				2:40.42	MARZENA KULIS	ITA	2009		*****		
17:55.83	SUZANN HEIM-BOWEN	USA	2003	2:43.73	H.MORRIS-EYTON	RSA	2013		WOMEN 50-54		
18:10.28	ELENE JONES	USA	2008	2:45.20	CAROLINE KRATTLI	USA	2007	50 M. FREE	*****		
18:12.63	LYNN MARSHALL	CAN	2009	2:50.94	CLAUDIA KERN	GER	2009	28.22	LAURA VAL	USA	2001
18:40.27	LAURIE HUG	USA	2012	2:51.02	JUDIT HAJDU	AUT	2007	28.25	JENNY WHITELEY	AUS	2009
18:44.29	K.PIPES-NEILSEN	USA	2008	2:53.27	K.PIPES-NEILSEN	USA	2008	28.41	SARAH MACDONALD	CAN	2010
18:54.47	MAITE GARCIA	ESP	2011	2:54.17	MONICA CORO	ITA	2011	28.41	ANGELA ZINGLER	GER	2005
18:55.86	JILL GELLATLY	USA	2012	2:55.96	JENNY WHITELEY	AUS	2003	28.46	JACKI HIRSTY	USA	2003
19:04.36	NORMA CAHILL	IRL	2013	2:57.24	COLETTE CRABBE	USA	2001	28.55	KATHY GARNIER	USA	2010
19:07.99	PAMELA NIX	AUS	2012	2:57.38	ULRIKE URBANIAK	GER	1998	28.58	LISA DAHL	USA	2012
19:09.53	N.MUIR-COCHRANE	GBR	2009	50 M. FLY				28.63	LESLIE LIVINGSTON	USA	2013
50 M. BACK				28.97	EDITH OTTERMANN	RSA	2011	28.77	J SWAGERTY-HILL	USA	2002
31.71	ELLEN REYNOLDS	USA	2012	29.12	S.VON DER LIPPE	USA	2010	28.85	ANN SENN	USA	2009
31.71	VALERIE JENKINS	USA	2008	29.37	LAURIE DITOMMASO	USA	2009	100 M. FREE	*****		
31.85	SUSAN WALSH	USA	2007	29.52	K.PIPES-NEILSEN	USA	2008	1:01.13	LAURA VAL	USA	2001
31.99	LESLIE LIVINGSTON	USA	2009	29.57	LISA DAHL	USA	2009	1:02.31	S.HEIM-BOWEN	USA	2008
32.02	FALL WILLEBOORDSE	USA	2013	29.74	LESLIE LIVINGSTON	USA	2009	1:02.95	SARAH MACDONALD	CAN	2010
32.08	SHIZUKO HIRAISHI	JPN	2009	29.84	SUSAN WALSH	USA	2007	1:02.95	SHANE GOULD	AUS	2008
32.10	K.PIPES-NEILSEN	USA	2007	29.89	ANNA HAMMAR	SWE	2013	1:02.99	JILL HERNANDEZ	USA	2011
32.52	SUSAN WILLIAMS	USA	2013	29.89	SHIZUKO HIRAISHI	JPN	2008	1:03.31	CAROL OLSON	USA	2012
32.65	VERA CAPKOVA	BEL	2006	29.90	NATALIYA MATVEEVA	RUS	2010	1:03.32	JENNY WHITELEY	AUS	2009
32.73	HIROKO NOGUCHI	JPN	2010	100 M. FLY				1:03.58	JACKI HIRSTY	USA	2003
100 M. BACK				1:05.69	K.PIPES-NEILSEN	USA	2008	1:03.70	KATHY GARNIER	USA	2010
1:08.11	K.PIPES-NEILSEN	USA	2009	1:06.42	ARLENE DELMAGE	USA	2008	1:03.78	ENEY JONES	USA	2010
1:08.55	ELLEN REYNOLDS	USA	2010	1:06.65	BIRGIT LOHBERG	USA	2010	200 M. FREE	*****		
1:09.41	SILVIA PAROCCHI	ITA	2012	1:07.18	NATALIYA MATVEEVA	RUS	2010	2:13.18	JILL HERNANDEZ	USA	2013
1:09.51	FALL WILLEBOORDSE	USA	2013	1:07.30	JILL HERNANDEZ	USA	2005	2:15.00	S.HEIM-BOWEN	USA	2008
1:09.53	KRISTIN GARY	USA	2012	1:07.62	SHIZUKO HIRAISHI	JPN	2008	2:15.37	LAURA VAL	USA	2001
1:09.66	SUSAN WALSH	USA	2007	1:07.97	SILVIA PAROCCHI	ITA	2012	2:16.52	JENNY WHITELEY	AUS	2009
1:10.76	M.FUZZATI	SUI	2013	1:08.02	LAURA VAL	USA	1998	2:17.53	ENEY JONES	USA	2010
1:11.18	VERA CAPKOVA	BEL	2006	1:08.09	MARZENA KULIS	ITA	2009	2:17.65	LYNN MARSHALL	CAN	2011
1:11.34	LISA WARD	USA	2009	1:08.56	DANIELA DE PONTI	ITA	2013	2:17.81	SHANE GOULD	AUS	2008
1:11.68	JENNIE BUCKNELL	AUS	2011	1:08.56	SUSANNE SIMPSON	USA	2005	2:18.09	BARBARA GELLRICH	GER	2011
1:11.68	SALLY BELL	AUS	2007	200 M. FLY				2:18.49	K.PIPES-NEILSEN	FRA	2012
200 M. BACK				2:24.34	K.PIPES-NEILSEN	USA	2009	2:20.28	MARGE CURRAN	USA	2013
2:26.06	K.PIPES-NEILSEN	USA	2009	2:31.37	LAURA VAL	USA	1998	400 M. FREE	*****		
2:29.68	ELLEN REYNOLDS	USA	2013	2:32.07	SUSANNE SIMPSON	USA	2006	4:40.66	JILL HERNANDEZ	USA	2013
2:31.07	SILVIA PAROCCHI	ITA	2012	2:32.38	TERESA GARCIA	ESP	2010	4:41.19	LYNN MARSHALL	CAN	2011
2:31.93	LISA WARD	USA	2009	2:32.59	S. PALMER-WHITE	AUS	2009	4:42.37	S.HEIM-BOWEN	USA	2008
2:32.12	HELEN WHITFORD	AUS	2012	2:33.37	LYNN MARSHALL	CAN	2006	4:47.93	LAURA VAL	USA	2002
2:33.20	KRISTIN GARY	USA	2012	2:34.03	PAMELA NIX	AUS	2012	4:48.62	ENEY JONES	USA	2010
2:33.51	SALLY BELL	AUS	2007	2:34.05	ANDREA BLOCK	USA	2006	4:50.37	JENNY WHITELEY	AUS	2008
2:34.03	STEPHANIE STONE	USA	2013	2:35.32	ARLENE DELMAGE	USA	2007	4:51.07	BARBARA GELLRICH	GER	2011
2:34.80	SUSAN WALSH	USA	2007	2:35.38	ROBIN KLESTINEC	USA	2006	4:51.73	SHANE GOULD	AUS	2008
2:36.03	LESLEY WILDE	GBR	2004	200 M. I.M.				4:54.34	MARGE CURRAN	USA	2013
50 M. BRST				2:27.57	K.PIPES-NEILSEN	USA	2008	4:57.19	JEANNE CARLSEN	CAN	2008
33.66	S.VON DER LIPPE	USA	2010	2:31.88	MARZENA KULIS	ITA	2009	800 M. FREE	*****		
33.98	CAROLINE KRATTLI	USA	2007	2:31.95	REBECCA PERROTT	NZL	2008	9:38.04	LYNN MARSHALL	CAN	2011
34.05	MARZENA KULIS	ITA	2009	2:32.46	JILL HERNANDEZ	USA	2005	9:48.81	S.HEIM-BOWEN	USA	2008
34.20	MONICA CORO	ITA	2011	2:32.58	ELLEN REYNOLDS	USA	2012	9:52.55	LAURA VAL	USA	2002
34.74	MAGGIE KELLY	GBR	2001	2:34.10	CAROLINE KRATTLI	USA	2007	9:59.18	MARGE CURRAN	USA	2013
35.12	ALBENA POPOVA	ITA	2009	2:34.17	ANETTE PHILIPSSON	SWE	2010	10:05.22	JEANNE CARLSEN	CAN	2012
35.18	ANNA HAMMAR	SWE	2013	2:34.18	SILVIA PAROCCHI	ITA	2012	10:09.28	ENEY JONES	USA	2012
35.60	KIM CROUCH	USA	2008	2:34.38	ANNA HAMMAR	SWE	2013	10:10.10	K.PALACE	USA	2011
35.69	FALL WILLEBOORDSE	USA	2011	2:35.13	LISA WARD	USA	2009	10:10.11	JENNY WHITELEY	AUS	2008
35.99	JENNY WHITELEY	AUS	2003	400 M. I.M.				10:14.15	C.TARANTINO	ITA	2005
100 M. BRST				5:13.85	K.PIPES-NEILSEN	USA	2008	10:14.16	DENISE BROWN	USA	2009
1:13.49	MARZENA KULIS	ITA	2009	5:23.69	ELLEN REYNOLDS	USA	2013	1500 M. FREE	*****		
1:14.41	S.VON DER LIPPE	USA	2010	5:27.67	JILL HERNANDEZ	USA	2005	18:29.28	LYNN MARSHALL	CAN	2011



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

18:32.76 S.HEIM-BOWEN	USA 2008	2:58.67 CYNTHIA PINCOTT	CAN 2012	29.36 HEATHER CAMPBELL	NZL 2008
19:01.37 ENEY JONES	USA 2010	3:01.03 KATE SORENSEN	DEN 2011	29.46 PAT SARGEANT	USA 2008
19:08.69 LAURA VAL	USA 2001	3:02.10 MARJA BLOEMZAAD	NED 2011	29.55 JENNY WHITELEY	AUS 2013
19:13.59 JEANNE CARLSSEN	CAN 2010	3:02.47 AMANDA HEATH	GBR 2009	29.84 TRACI GRANGER	USA 2013
19:19.98 DENISE BROWN	USA 2009	3:02.58 JUDITH HATTLE	GBR 2012	29.87 CHERYL GOMMERS	AUS 2003
19:35.54 ANDREA BLOCK	USA 2011	3:03.23 ULRIKE URBANIAK	GER 2004	29.89 BARBARA JONES	USA 2012
19:37.26 JENNY WHITELEY	AUS 2008	3:04.41 JENNIFER MERRITT	GBR 2002	29.94 JACKI HIRSTY	USA 2010
19:39.40 C.TARANTINO	ITA 2005	50 M. FLY		29.97 REGULA STEIGER	SUI 2009
19:40.24 BARBARA DUNBAR	USA 2002	30.24 ANGELA ZINGLER	GER 2004	30.03 CONNY BOER-BUIJS	NED 2005
50 M. BACK		30.29 LESLIE LIVINGSTON	USA 2013	100 M. FREE	
32.41 LESLIE LIVINGSTON	USA 2013	30.34 LISA DAHL	USA 2012	1:02.02 LAURA VAL	USA 2008
32.87 J SWAGERTY-HILL	USA 2002	30.65 LAURIE DITOMMASO	USA 2013	1:03.99 HEATHER CAMPBELL	NZL 2008
33.26 K.ANDRUS-HUGHES	USA 2007	30.72 LAURA VAL	USA 2001	1:05.71 JENNY WHITELEY	AUS 2013
33.34 VALERIE JENKINS	USA 2013	31.16 HARUMI SUGINUMA	JPN 2009	1:05.78 LYNN MORRISON	USA 2009
33.41 SHIZUKO HIRASHI	JPN 2012	31.16 JENNY WHITELEY	AUS 2008	1:06.17 K.ANDRUS-HUGHES	USA 2012
33.45 BONNIE BILICH	USA 2009	31.25 HAYLEY BETTINSON	GBR 2013	1:06.40 CONNY BOER-BUYSS	NED 2009
33.62 CATHY SHEEHAN	CAN 2010	31.30 MARIA NORBERG	SWE 2013	1:06.66 PAT SARGEANT	USA 2008
33.67 KAREN HUMPHREYS	USA 2005	31.41 SHIZUKO HIRASHI	JPN 2012	1:06.97 JACKI HIRSTY	USA 2010
33.67 LAURA VAL	USA 2002	100 M. FLY		1:07.15 CHARLOTTE DAVIS	USA 2006
33.78 AROMA MARTORELL	BRA 2011	1:07.80 JILL HERNANDEZ	USA 2011	1:07.26 BARBARA JONES	USA 2011
100 M. BACK		1:07.81 LAURA VAL	USA 2001	200 M. FREE	
1:11.78 K.PIPES-NEILSEN	USA 2012	1:10.11 ANDREA BLOCK	USA 2012	2:16.28 LAURA VAL	USA 2009
1:13.55 K.ANDRUS-HUGHES	USA 2008	1:10.21 K.PIPES-NEILSEN	FRA 2012	2:22.48 JENNY WHITELEY	AUS 2013
1:13.76 BONNIE BILICH	USA 2009	1:10.31 CECILIA STANFORD	RSA 2011	2:24.47 N.STEADMAN-MARTIN	USA 2009
1:13.89 CATHY SHEEHAN	CAN 2010	1:10.38 JUDITH HATTLE	GBR 2012	2:26.28 LO KNAPP	USA 2009
1:14.15 JANIS SHIRRIFF	CAN 2012	1:10.79 S.HEIM-BOWEN	USA 2008	2:26.43 HEATHER CAMPBELL	NZL 2008
1:14.19 KAREN HUMPHREYS	USA 2005	1:11.08 MELINDA MANN	USA 2006	2:26.64 JACKI HIRSTY	USA 2010
1:14.25 VALERIE JENKINS	USA 2013	1:11.15 LYNN MARSHALL	CAN 2011	2:27.49 PAT SARGEANT	USA 2008
1:14.30 LYNN MARSHALL	CAN 2011	1:11.44 BARBARA GELLRICH	GER 2011	2:27.64 JEANNE CARLSSEN	CAN 2013
1:14.44 J SWAGERTY-HILL	USA 2002	200 M. FLY		2:28.56 BARBARA DUNBAR	USA 2004
1:14.63 LAURA VAL	USA 2001	2:31.55 LAURA VAL	USA 2001	2:28.93 CONNY BOER-BUYSS	NED 2009
200 M. BACK		2:34.93 LYNN MARSHALL	CAN 2011	400 M. FREE	
2:33.03 LYNN MARSHALL	CAN 2011	2:40.57 JUDITH HATTLE	GBR 2012	4:50.13 LAURA VAL	USA 2009
2:35.55 K.PIPES-NEILSEN	FRA 2012	2:42.16 A.BIAGGI	ECU 2012	5:04.48 N.STEADMAN-MARTIN	USA 2009
2:37.11 NAOKO SHIDE	JPN 2010	2:43.11 JENNY COOK	USA 2008	5:04.52 JEANNE CARLSSEN	CAN 2013
2:39.40 BONNIE BILICH	USA 2009	2:43.99 CECILIA STANFORD	RSA 2012	5:07.38 BONNIE SPIVEY	USA 2013
2:41.59 CATHY SHEEHAN	CAN 2010	2:44.93 BARBARA DUNBAR	USA 1999	5:08.19 C.TARANTINO	ITA 2010
2:42.91 AHELEE SUE OSBORN	USA 2009	2:45.17 ANDREA BLOCK	USA 2011	5:08.91 BARBARA DUNBAR	USA 2004
2:43.14 PATTY LANDERS	USA 2006	2:45.65 RIEKO SHOJI	JPN 2010	5:09.03 CHRISTIE CIRAUOLU	USA 2008
2:43.56 MARIA ALWINE EDER	ITA 2012	2:46.40 MARIA HUNG	VEN 2013	5:11.32 STACEY WARMUTH	USA 2013
2:43.57 CAROLYN CURTIS	GBR 2013	200 M. I.M.		5:12.78 SUSANNA SORDELLI	ITA 2012
2:44.06 JANIS SHIRRIFF	CAN 2012	2:34.32 K.PIPES-NEILSEN	FRA 2012	5:14.52 JACKI HIRSTY	USA 2010
50 M. BRST		2:36.62 CECILIA STANFORD	RSA 2011	800 M. FREE	
34.18 MONICA CORO	ITA 2012	2:36.97 JILL HERNANDEZ	USA 2011	10:05.28 LAURA VAL	USA 2008
35.42 JENNY WHITELEY	AUS 2009	2:37.90 JENNY WHITELEY	AUS 2008	10:14.55 JEANNE CARLSSEN	CAN 2013
35.71 UTE HASSE	ESP 2013	2:38.64 LYNN MARSHALL	CAN 2011	10:29.20 C.TARANTINO	ITA 2010
36.36 MARJA BLOEMZAAD	NED 2011	2:39.48 NAOKO SHIDE	JPN 2010	10:38.30 CHRISTIE CIRAUOLU	USA 2009
36.73 JAN CLARKSON	AUS 2008	2:39.49 JENNY COOK	USA 2008	10:39.33 JENNY WHITELEY	AUS 2013
36.90 ALBENA POPOVA	ITA 2012	2:41.31 LAURA VAL	USA 2002	10:40.54 CAROLYN BATTIN	USA 2009
37.46 SARAH MACDONALD	CAN 2010	2:41.57 CYNTHIA PINCOTT	CAN 2012	10:41.10 BARBARA DUNBAR	USA 2004
37.51 MELINDA MANN	USA 2006	2:42.32 BARBARA GELLRICH	GER 2011	10:45.28 BONNIE SPIVEY	USA 2013
37.61 LOLI BALBUENA	ESP 2009	400 M. I.M.		10:45.63 STACEY WARMUTH	USA 2013
37.64 KATE SORENSEN	DEN 2011	5:30.32 JILL HERNANDEZ	USA 2013	10:48.54 DI COETZEE	RSA 2010
100 M. BRST		5:32.26 LYNN MARSHALL	CAN 2011	1500 M. FREE	
1:15.50 MONICA CORO	ITA 2012	5:32.41 K.PIPES-NEILSEN	FRA 2012	19:14.70 LAURA VAL	USA 2007
1:19.23 JENNY WHITELEY	AUS 2009	5:37.60 CECILIA STANFORD	RSA 2011	19:30.77 JEANNE CARLSSEN	CAN 2013
1:20.44 UTE HASSE	ESP 2013	5:40.27 NAOKO SHIDE	JPN 2011	19:52.61 BARBARA DUNBAR	USA 2004
1:21.29 JAN CLARKSON	AUS 2008	5:42.80 LAURA VAL	USA 2002	20:03.64 JENNY WHITELEY	AUS 2013
1:22.58 MARJA BLOEMZAAD	NED 2013	5:43.43 RIEKO SHOJI	JPN 2010	20:06.88 CHRISTIE CIRAUOLU	USA 2008
1:22.70 KATE SORENSEN	DEN 2012	5:46.34 JENNY WHITELEY	AUS 2008	20:16.34 BONNIE SPIVEY	USA 2013
1:23.21 MELINDA MANN	USA 2009	5:49.32 JENNY COOK	USA 2008	20:17.30 C.TARANTINO	ITA 2010
1:23.47 DAGMAR FRESE	GER 2006	5:49.43 JUDITH HATTLE	GBR 2012	20:31.89 S.LOFTUS-CHARLEY	USA 2010
1:23.67 AVILA RHODES	CAN 2006			20:38.99 LO KNAPP	USA 2009
1:24.05 CECILIA STANFORD	RSA 2011	*****		20:53.20 KAREN ENSIDLER	USA 2012
200 M. BRST		WOMEN 55-59		50 M. BACK	
2:50.92 MONICA CORO	ITA 2012	*****		33.75 LAURA VAL	USA 2010
2:55.15 JENNY WHITELEY	AUS 2008	50 M. FREE		35.02 K.ANDRUS-HUGHES	USA 2012
2:57.58 JAN CLARKSON	AUS 2008	28.69 LAURA VAL	USA 2008	35.13 BENEDICTE DUPREZ	FRA 2006



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

35.55	B BARNETT-SALLEE	USA	2002	32.24	JUDY WILSON	GBR	2000	1:07.33	CHARLOTTE DAVIS	USA	2010
35.66	DIANE COETZEE	RSA	2013	32.38	HEATHER CAMPBELL	NZL	2008	1:08.08	ROSARIO VIVANCO	PER	2009
35.88	LIZ COSGRAVE	IRL	2013	32.46	HEATHER CAMPBELL	RSA	2012	1:08.50	JACKI HIRSTY	USA	2012
36.05	EILEEN LUTHER	GBR	2013	32.49	LEIGH RODGERS	AUS	2012	1:09.29	F.WILLIAMSON	USA	2008
36.08	SATOKO TAKEUJI	JPN	1998	32.57	CHRISTIE CIRAULO	USA	2008	1:10.29	CONNIE BOER-BUYSEN	NED	2010
36.16	MINDY DOUGHERTY	USA	2009	32.59	PAT SARGEANT	USA	2009	1:10.29	CHRISTEL SCHULZ	GER	2004
36.24	JUDY THOMAS	AUS	2013	100 M. FLY				1:10.51	RUTH SHAPS	USA	2008
36.24	MARY ANNE MYERS	CAN	2010	1:09.47	LAURA VAL	USA	2009	1:10.60	CAROLYN BOAK	USA	2006
100 M. BACK				1:12.84	COLETTE CRABBE	BEL	2013	200 M. FREE			
1:14.41	LAURA VAL	USA	2008	1:12.86	TRACI GRANGER	USA	2013	2:21.48	LAURA VAL	USA	2012
1:17.21	BENEDICTE DUPREZ	FRA	2006	1:13.71	JUDY WILSON	GBR	2000	2:29.54	SANDERINA KRUGER	RSA	2010
1:17.51	B BARNETT-SALLEE	USA	2002	1:14.29	HARUMI SUGINUMA	JPN	2012	2:31.50	ROSARIO VIVANCO	PER	2009
1:17.52	K.ANDRUS-HUGHES	USA	2012	1:15.70	LEIGH RODGERS	AUS	2012	2:31.63	JACKI HIRSTY	USA	2012
1:18.55	HEATHER CAMPBELL	RSA	2012	1:15.71	N STEADMAN-MARTIN	USA	2009	2:31.98	B.BARNETT-SALLEE	USA	2006
1:18.89	LIZ COSGRAVE	IRL	2013	1:16.18	PAT SARGEANT	USA	2008	2:35.28	CHRISTIE CIRAULO	USA	2013
1:18.93	EVIE LYNCH	USA	2008	1:16.54	MATHILDE VINK	NED	2013	2:36.64	CONNIE BOER-BUYSEN	NED	2012
1:19.45	MINDY DOUGHERTY	USA	2009	1:16.67	MELINDA MANN	USA	2012	2:37.19	CAROLYN BOAK	USA	2006
1:19.65	SATOKO TAKEUJI	JPN	1997	200 M. FLY				2:37.91	F.WILLIAMSON	USA	2008
1:19.69	COLETTE CRABBE	BEL	2013	2:41.51	LAURA VAL	USA	2007	2:38.09	CELESTE MILLER	USA	2011
200 M. BACK				2:44.16	N STEADMAN-MARTIN	USA	2009	400 M. FREE			
2:47.52	N STEADMAN-MARTIN	USA	2009	2:52.21	LEIGH RODGERS	AUS	2012	4:59.82	LAURA VAL	USA	2012
2:47.98	EVIE LYNCH	USA	2008	2:52.31	TRACI GRANGER	USA	2013	5:21.79	B.BARNETT-SALLEE	USA	2006
2:49.22	COLETTE CRABBE	BEL	2013	2:53.74	BARBARA DUNBAR	USA	2004	5:26.87	CHRISTIE CIRAULO	USA	2013
2:49.78	C.TARANTINO	ITA	2010	2:55.05	COLETTE CRABBE	BEL	2012	5:26.95	ROSARIO VIVANCO	PER	2009
2:50.46	LAURA VAL	USA	2007	2:55.50	HARUMI SUGINUMA	JPN	2012	5:27.37	BARBARA DUNBAR	USA	2009
2:50.50	MINDY DOUGHERTY	USA	2009	2:56.09	SUSAN SKIFF	USA	2012	5:27.98	SUSAN HAIGH	GBR	2012
2:50.54	K.ANDRUS-HUGHES	USA	2012	2:58.32	ESTHER ISEPPY	SUI	2013	5:30.07	CELESTE MILLER	USA	2011
2:50.72	BONNIE SPIVEY	USA	2013	2:58.52	ELENA VEDENEYEVA	UKR	2013	5:31.37	S.LOFTUS-CHARLEY	USA	2013
2:51.07	B BARNETT-SALLEE	USA	2002	200 M. I.M.				5:31.67	LAURA VACA	MEX	2013
2:51.54	BENEDICTE DUPREZ	FRA	2009	2:43.45	LAURA VAL	USA	2008	5:32.53	HEIDI ERNST	USA	2012
50 M. BRST				2:44.01	COLETTE CRABBE	BEL	2013	800 M. FREE			
37.04	JENNY WHITELEY	AUS	2013	2:46.91	LO KNAPP	USA	2009	10:27.71	LAURA VAL	USA	2011
38.05	DAGMAR FRESE	GER	2013	2:47.57	JENNY WHITELEY	AUS	2013	11:10.13	LAURA VACA	MEX	2013
38.24	ALISON NYE	GBR	2012	2:49.12	HEATHER CAMPBELL	NZL	2008	11:10.81	CHRISTIE CIRAULO	USA	2013
38.30	JAN WICKS	AUS	2001	2:50.14	JENNY COOK	USA	2013	11:14.64	S.LOFTUS-CHARLEY	USA	2013
38.55	COLETTE CRABBE	USA	2013	2:50.69	TRACI GRANGER	USA	2013	11:16.81	BARBARA DUNBAR	USA	2009
38.86	TORILL BERGESEN	NOR	2013	2:51.88	TORILL BERGESEN	NOR	2012	11:16.86	ROSARIO VIVANCO	PER	2009
39.01	MONIKA SENFTLEBEN	GER	2001	2:52.53	PAT SARGEANT	USA	2009	11:17.57	HEIDI ERNST	USA	2012
39.10	JENNY COOK	USA	2013	2:53.04	BONNIE SPIVEY	USA	2013	11:18.87	CELESTE MILLER	USA	2011
39.16	BETH ESTEL	USA	2012	400 M. I.M.				11:24.14	BETTYANN BARNETT	USA	2008
39.18	REGULA STEIGER	SUI	2009	5:49.40	LAURA VAL	USA	2009	11:26.08	ANN CAMPBELL	AUS	2009
100 M. BRST				5:53.27	COLETTE CRABBE	USA	2013	1500 M. FREE			
1:23.16	JENNY WHITELEY	AUS	2013	5:53.54	BONNIE SPIVEY	USA	2013	19:52.85	LAURA VAL	USA	2011
1:25.19	LO KNAPP	USA	2009	5:58.55	N STEADMAN-MARTIN	USA	2009	21:01.19	S.LOFTUS-CHARLEY	USA	2013
1:25.23	COLETTE CRABBE	BEL	2013	6:07.72	CHARLOTTE DAVIS	USA	2006	21:07.68	CHRISTIE CIRAULO	USA	2013
1:25.43	DAGMAR FRESE	GER	2012	6:08.52	ESTHER ISEPPY	SUI	2013	21:16.05	BARBARA DUNBAR	USA	2009
1:25.86	JENNY COOK	USA	2013	6:09.10	SUSANNA SORDELLI	ITA	2012	21:36.83	CELESTE MILLER	USA	2010
1:26.17	AMANDA HEATH	GBR	2012	6:13.20	LAURA VACA	MEX	2010	22:02.26	ANN CAMPBELL	AUS	2009
1:26.50	TORILL BERGESEN	NOR	2012	6:13.21	AMANDA HEATH	GBR	2012	22:05.65	JACKIE MARR	USA	2005
1:27.12	BETH ESTEL	USA	2012	6:14.28	M.PUJALET-DEVITT	USA	2012	22:09.84	TERRY SUE GAULT	USA	2010
1:27.40	JENNIFER MERRITT	GBR	2006	*****				22:10.65	SUSAN HAIGH	GBR	2012
1:27.44	PETRA SCHROER	GER	2008	WOMEN 60-64				22:29.56	CONNIE BOER-BUYSEN	NED	2010
200 M. BRST				50 M. FREE				50 M. BACK			
3:02.67	JENNY WHITELEY	AUS	2013	29.31	LAURA VAL	USA	2011	34.30	LAURA VAL	USA	2012
3:04.04	ESTHER ISEPPY	SUI	2013	30.11	CHARLOTTE DAVIS	USA	2012	35.79	B.BARNETT-SALLEE	USA	2006
3:04.32	LO KNAPP	USA	2009	30.19	SANDERINA KRUGER	RSA	2011	36.61	SATOKO TAKEUJI	JPN	2004
3:07.00	AMANDA HEATH	GBR	2012	30.42	LYNETTE STEVENSON	AUS	2009	36.93	LYNETTE STEVENSON	AUS	2009
3:07.07	COLETTE CRABBE	BEL	2012	30.55	ROSARIO VIVANCO	PER	2009	36.94	RACHEL BARTON	GBR	2008
3:08.12	KEIKO UTSUMI	JPN	2011	31.28	JANIE COLE	USA	2013	37.06	MARIA BALLA	HUN	2004
3:09.28	JENNIFER MERRITT	GBR	2006	31.31	JACKI HIRSTY	USA	2012	37.12	SILVANA ABREU	BRA	2002
3:09.57	IRINA SHANGINA	RUS	2011	31.39	CONNIE BOER-BUYSEN	NED	2010	37.14	MARGIT OHLSSON	SWE	2009
3:09.85	FRANCES PENWARDEN	GBR	2009	31.55	CHRISTEL SCHULZ	GER	2004	37.30	BENEDICTE DUPREZ	FRA	2013
3:09.96	JENNY COOK	USA	2013	31.57	REGULA STEIGER	SUI	2013	37.56	PENNY STEELE	AUS	2005
50 M. FLY				100 M. FREE				100 M. BACK			
30.97	TRACI GRANGER	USA	2013	1:03.83	LAURA VAL	USA	2011	1:15.92	LAURA VAL	USA	2013
31.42	LAURA VAL	USA	2009	1:06.63	SANDERINA KRUGER	RSA	2009	1:18.91	B.BARNETT-SALLEE	USA	2006
32.07	HARUMI SUGINUMA	JPN	2012					1:20.43	SATOKO TAKEUJI	JPN	2002
32.08	JENNY WHITELEY	AUS	2013					1:20.78	BENEDICTE DUPREZ	FRA	2012



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

1:22.07	MARGARET WILDING	GBR	2000	1:21.31	HARRIET BERGER	GER	2004	2:43.36	JEN THOMASSON	AUS	2008
1:22.28	MARGIT OHLSSON	SWE	2009	1:21.51	LAURA VACA	MEX	2013	2:45.42	JACKIE MARR	USA	2008
1:22.85	MARIA BALLA	HUN	2006	1:22.78	MARILYN EARL	AUS	2010	2:48.51	CLARA WALKER	USA	1992
1:23.63	DIANN UUSTAL	USA	2010	1:23.29	MIRA GUGLIELMI	ITA	2012	2:49.58	DIANN UUSTAL	USA	2011
1:23.70	B.STATKEVICIENE	LTU	2013	200 M. FLY				2:50.89	SUZANNE DILLS	USA	2012
1:23.96	SANDERINA KRUGER	RSA	2010	2:41.03	LAURA VAL	USA	2011	2:51.05	RUTH SHAPS	USA	2013
200 M. BACK				3:03.35	LAURA VACA	MEX	2013	2:51.05	BRIGITTE MERTEN	GER	2013
2:44.38	LAURA VAL	USA	2013	3:05.07	BARBARA DUNBAR	USA	2009	400 M. FREE			
2:50.16	B.BARNETT-SALLEE	USA	2006	3:10.31	M.NEUMEISTER	GER	2012	5:43.10	JEN THOMASSON	AUS	2008
2:55.30	BENEDICTE DUPREZ	FRA	2013	3:12.48	JUDY WILSON	GBR	2004	5:46.27	YOSHIKO OSAKI	JPN	2003
2:58.02	SATOKO TAKEUJI	JPN	2002	3:12.52	SUSANA BARKLEY	ESP	2006	5:46.65	JACKIE MARR	USA	2008
2:59.01	BONNIE PRONK	CAN	2002	3:14.44	MIRA GUGLIELMI	ITA	2012	5:50.35	F.WILLIAMSON	USA	2013
3:00.06	MARGIT OHLSSON	SWE	2005	3:15.37	S.LOFTUS-CHARLEY	USA	2013	5:54.90	LAVELLE STOINOFF	USA	1998
3:00.64	B.STATKEVICIENE	LTU	2013	3:16.14	CHRISTIE CIRAURO	USA	2013	5:55.11	CAROLYN BOAK	USA	2011
3:01.74	MARIA BALLA	HUN	2005	3:17.81	SUSAN HAIGH	GBR	2012	6:00.15	SUZANNE DILLS	USA	2012
3:04.08	JOAN CRAFFEY	USA	2013	200 M. I.M.				6:00.59	CHRISTEL SCHULZ	GER	2006
3:04.19	DEB WALKER	USA	2011	2:47.99	LAURA VAL	USA	2013	6:03.43	HANNELORE ROSE	GER	2008
50 M. BRST				2:52.67	CHARLOTTE DAVIS	USA	2010	6:03.93	CARROL WANNELL	AUS	2008
38.48	MONIKA SENFTLEBEN	GER	2002	2:58.08	BRIGITTE MERTEN	GER	2006	800 M. FREE			
39.16	BONNIE PRONK	CAN	2002	3:00.52	BONNIE PRONK	CAN	2002	11:53.17	JEN THOMASSON	AUS	2008
39.25	JAN WICKS	AUS	2006	3:00.74	CAROLYN BOAK	USA	2006	11:55.93	JACKIE MARR	USA	2008
40.11	REGULA STEIGER	SUI	2013	3:00.98	KIRA MAKAROVA	RUS	2009	12:06.31	YOSHIKO OSAKI	JPN	2003
40.80	DEB COELLNER	USA	2012	3:01.55	B.STATKEVICIENE	LTU	2013	12:09.23	CARROL WANNELL	AUS	2008
40.87	DEB WALKER	USA	2011	3:02.24	HARRIET BERGER	GER	2004	12:22.54	JAN CROFT	AUS	2008
40.93	HARRIET BERGER	GER	2004	3:03.05	KRISSY MACCURDY	USA	2012	12:23.32	LAVELLE STOINOFF	USA	1998
41.05	CORNELIA NEUBERT	GER	2012	3:03.33	MARGIT OHLSSON	SWE	2006	12:23.88	HANNELORE ROSE	GER	2008
41.12	HANNELORE ROSE	GER	2002	400 M. I.M.				12:27.60	CLARA WALKER	USA	1992
41.16	NOBUKO YASUDA	JPN	2009	5:56.27	LAURA VAL	USA	2011	12:28.62	ROSA MONTAGUE	AUS	2012
100 M. BRST				6:08.99	CHARLOTTE DAVIS	USA	2010	12:29.28	LINDA SHOENBERGER	USA	2012
1:27.64	BONNIE PRONK	CAN	2002	6:22.61	BRIGITTE MERTEN	GER	2006	1500 M. FREE			
1:29.86	HARRIET BERGER	GER	2004	6:26.86	S.LOFTUS-CHARLEY	USA	2013	22:40.65	JEN THOMASSON	AUS	2008
1:29.97	HANNELORE ROSE	GER	2002	6:27.67	LAURA VACA	MEX	2013	23:07.49	JACKIE MARR	USA	2008
1:30.66	DEB WALKER	USA	2011	6:33.09	HANNELORE ROSE	GER	2002	23:42.01	LAVELLE STOINOFF	USA	1998
1:30.97	NOBUKO YASUDA	JPN	2009	6:33.14	MIRA GUGLIELMI	ITA	2012	23:51.75	JAN CROFT	AUS	2009
1:31.05	MONIKA SENFTLEBEN	GER	2002	6:33.92	BARBARA DUNBAR	USA	2009	23:52.54	RITSUKO SUGIMURA	JPN	2010
1:31.11	KRISSY MACCURDY	USA	2012	6:34.22	JEN THOMASSON	AUS	2004	24:03.63	LINDA SHOENBERGER	USA	2012
1:31.24	DEB COELLNER	USA	2012	6:34.94	YOSHIKO OSAKI	JPN	2001	24:07.05	CLARA WALKER	USA	1992
1:31.25	JANETTE JEFFREY	AUS	2012	*****				24:24.82	NORIKO YOSHIDA	JPN	2009
1:31.41	DALE BARNHARD	USA	2008	WOMEN 65-69				24:29.77	ROSA MONTAGUE	AUS	2012
200 M. BRST				*****				24:31.20	PENNY WEBSTER	GBR	2007
3:14.49	BONNIE PRONK	CAN	2002	50 M. FREE				50 M. BACK			
3:15.64	JANETTE JEFFREY	AUS	2012	31.84	CAROLYN BOAK	USA	2010	37.11	MARGIT OHLSSON	SWE	2011
3:16.08	HANNELORE ROSE	GER	2003	32.45	RUTH SHAPS	USA	2013	37.38	CLARY MUNNS	AUS	2009
3:17.05	KRISSY MACCURDY	USA	2013	32.49	DIANN UUSTAL	USA	2011	37.44	DIANN UUSTAL	USA	2011
3:17.24	DEB WALKER	USA	2011	32.52	CHRISTEL SCHULZ	GER	2005	37.54	SATOKO TAKEUJI	JPN	2009
3:18.05	HARRIET BERGER	GER	2004	32.58	CLARY MUNNS	AUS	2009	37.59	JEANNIE JOHNSON	AUS	2013
3:19.03	ULRIKE URBANIAK	GER	2013	32.78	BITTE AXLING	SWE	2011	38.17	SILVANA ABREU	BRA	2006
3:19.08	JENNIFER MERRITT	GBR	2012	33.03	KAYE BEER	AUS	2009	38.85	PAM HUTCHINGS	AUS	2002
3:22.24	DIANE FORD	GBR	2006	33.10	JEN THOMASSON	AUS	2008	39.48	MARIA BALLA	HUN	2009
3:22.57	ANDRA JAUNZEME	USA	2013	33.38	OLGA KREJCI	SUI	2002	39.85	CLARA WALKER	USA	1992
50 M. FLY				33.41	GIURGIZA GABRILLO	CRO	2012	40.15	JULIE GUNTHORP	NZL	2012
32.27	LAURA VAL	USA	2012	100 M. FREE				100 M. BACK			
32.57	CHARLOTTE DAVIS	USA	2012	1:12.00	CHRISTEL SCHULZ	GER	2005	1:21.81	MARGIT OHLSSON	SWE	2010
33.47	JUDY WILSON	GBR	2004	1:12.10	CAROLYN BOAK	USA	2010	1:22.30	DIANN UUSTAL	USA	2011
33.63	BETTY CALLAHAN	AUS	1985	1:13.05	YOSHIKO OSAKI	JPN	2004	1:23.61	CLARY MUNNS	AUS	2009
33.74	CHRISTIE CIRAURO	USA	2013	1:13.42	F.WILLIAMSON	USA	2013	1:24.67	SATOKO TAKEUJI	JPN	2007
33.88	RUTH SHAPS	USA	2008	1:13.99	AIDA DAVID	PER	2013	1:25.86	MARIA BALLA	HUN	2009
34.17	CONNIE BOER-BUYNS	NED	2012	1:14.01	RUTH SHAPS	USA	2012	1:26.39	E.KETELSEN	DEN	2010
34.81	JANIE COLE	USA	2013	1:14.28	JEN THOMASSON	AUS	2008	1:26.61	BONNIE PRONK	CAN	2008
34.83	DIANN UUSTAL	USA	2010	1:14.67	BRIGITTE MERTEN	GER	2011	1:27.08	JULIE GUNTHORP	NZL	2012
34.92	RACHEL BARTON	GBR	2008	1:14.70	DIANN UUSTAL	USA	2013	1:27.49	RUTH SHAPS	USA	2012
100 M. FLY				1:14.93	PAM HUTCHINGS	AUS	2002	1:27.51	PAM HUTCHINGS	AUS	2002
1:12.06	LAURA VAL	USA	2011	200 M. FREE				200 M. BACK			
1:17.34	JUDY WILSON	GBR	2004	2:39.05	CAROLYN BOAK	USA	2010	3:00.24	MARGIT OHLSSON	SWE	2011
1:18.83	CHARLOTTE DAVIS	USA	2012	2:42.26	CHRISTEL SCHULZ	GER	2008	3:00.75	DIANN UUSTAL	USA	2013
1:20.34	BARBARA DUNBAR	USA	2009	2:42.91	YOSHIKO OSAKI	JPN	2004	3:06.41	BONNIE PRONK	CAN	2008
1:20.92	CHRISTIE CIRAURO	USA	2013	2:43.03	F.WILLIAMSON	USA	2013	3:08.20	SATOKO TAKEUJI	JPN	2007
1:21.27	BRIGITTE MERTEN	GER	2009					3:10.55	MARIA BALLA	HUN	2009



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

3:10.66 CLARY MUNNS	AUS	2009	3:33.04 FLORA CONNOLLY	GBR	1998	6:22.10 HELGA REICH	GER	2006
3:11.04 JULIE GUNTHORP	NZL	2012	3:33.38 HELGA REICH	GER	2002	6:26.35 REIKO ISHIZAKI	JPN	2008
3:11.77 NORIKO YOSHIDA	JPN	2009	3:36.25 JUNE KRAUSER	USA	1994	6:30.43 JAN CROFT	AUS	2013
3:12.42 JACKIE MARR	USA	2009	3:37.92 CLARY MUNNS	AUS	2012	6:31.86 ASAKO MIYAKE	JPN	2013
3:13.06 E.KETELSEN	DEN	2009	200 M. I.M.			6:32.83 MARIA PENNA	BRA	2012
3:13.06 PAM HUTCHINGS	AUS	2002	3:05.32 BRIGITTE MERTEN	GER	2011	6:32.99 JILL COMPLIN	GBR	2012
50 M. BRST			3:06.10 CAROLYN BOAK	USA	2010	800 M. FREE		
40.51 GIURGIZA GABRILO	CRO	2012	3:07.68 KIRA MAKAROVA	RUS	2013	12:13.07 YOSHIKO OSAKI	JPN	2009
41.52 MONIKA SENFTLEBEN	GER	2009	3:08.78 MARGIT OHLSSON	SWE	2011	12:22.05 JEN THOMASSON	AUS	2013
41.69 BONNIE PRONK	CAN	2007	3:08.85 CHRISTEL SCHULZ	GER	2006	12:32.21 JANE ASHER	GBR	2002
41.78 DURDICA GABRILO	CRO	2013	3:11.94 YOSHIKO OSAKI	JPN	2003	12:35.14 LAVELLE STOINOFF	USA	2004
42.78 SHOKO YONEZAWA	JPN	2002	3:13.04 CLARY MUNNS	AUS	2011	12:59.41 HELGA REICH	GER	2006
42.85 ANNEROSE TROBISCH	GER	2013	3:13.22 JEN THOMASSON	AUS	2009	13:15.45 JUNE KRAUSER	USA	1996
42.97 DIANN UUSTAL	USA	2011	3:13.33 JACKIE MARR	USA	2008	13:16.51 REIKO ISHIZAKI	JPN	2008
43.04 HANNELORE ROSE	GER	2007	3:13.86 HANNELORE ROSE	GER	2007	13:21.86 ASAKO MIYAKE	JPN	2012
43.21 SHIZUKA HATTORI	JPN	2011	400 M. I.M.			13:22.25 JAN CROFT	AUS	2013
43.34 NOBUKO YASUDA	JPN	2010	6:37.45 CAROLYN BOAK	USA	2010	13:24.65 MARIA PENNA	BRA	2011
100 M. BRST			6:46.46 YOSHIKO OSAKI	JPN	2005	1500 M. FREE		
1:30.16 GIURGIZA GABRILO	CRO	2012	6:50.17 BRIGITTE MERTEN	GER	2012	24:06.48 JANE ASHER	GBR	2001
1:33.23 NOBUKO YASUDA	JPN	2010	6:54.46 JACKIE MARR	USA	2008	24:24.13 LAVELLE STOINOFF	USA	2003
1:33.55 DURDICA GABRILO	CRO	2013	6:56.94 HANNELORE ROSE	GER	2007	24:49.53 YOSHIKO OSAKI	JPN	2011
1:33.69 DIANE FORD	GBR	2008	6:57.73 KIRA MAKAROVA	RUS	2012	25:04.94 BARBARA FENTIMAN	AUS	2004
1:34.53 BONNIE PRONK	CAN	2008	6:59.04 CLARY MUNNS	AUS	2012	25:21.24 REIKO ISHIZAKI	JPN	2009
1:35.34 HANNELORE ROSE	GER	2007	7:06.75 FLORA CONNOLLY	GBR	1998	25:25.26 JUNE KRAUSER	USA	1997
1:35.75 STELLA HOLDSSTEIN	ISR	2012	7:09.21 SILVANA ABREU	BRA	2006	25:40.43 CLARA WALKER	USA	1996
1:35.83 ANNEROSE TROBISCH	GER	2013	7:09.69 CLARA WALKER	USA	1992	25:49.86 MARIA PENNA	BRA	2009
1:36.29 JOANN LEILICH	USA	2007				26:11.02 PENNY WEBSTER	GBR	2012
1:36.41 LUISE KNOPFLE	GER	2004				26:17.37 HISAKO SATO	JPN	2005
200 M. BRST						50 M. BACK		
3:24.25 GIURGIZA GABRILO	CRO	2012				39.67 SATOKO TAKEUJI	JPN	2012
3:24.79 NOBUKO YASUDA	JPN	2010	50 M. FREE			40.60 E.KETELSEN	DEN	2013
3:26.88 HANNELORE ROSE	GER	2007	33.57 CHRISTEL SCHULZ	GER	2010	40.84 PAM HUTCHINGS	AUS	2008
3:26.98 JOANN LEILICH	USA	2005	33.61 YOSHIKO OSAKI	JPN	2009	41.37 HIROMI SATO	JPN	2012
3:27.24 DIANE FORD	GBR	2008	34.39 IKUKO OKADO	JPN	2013	41.38 YOSHIKO OSAKI	JPN	2009
3:27.71 LUISE KNOPFLE	GER	2004	34.64 JANE ASHER	GBR	2004	41.77 SHOKO YONEZAWA	JPN	2009
3:28.43 MASAYO AZUMA	JPN	2001	35.07 RENATA BASTEK	POL	2013	41.98 MARGARET WILDING	GBR	2009
3:28.49 BONNIE PRONK	CAN	2008	35.08 JEN THOMASSON	AUS	2013	42.08 JOY WARD	USA	2012
3:29.42 DURDICA GABRILO	CRO	2013	35.22 BETH SCHREINER	USA	2011	42.29 DORIS STEADMAN	USA	1996
3:30.95 FLORA CONNOLLY	GBR	1998	35.28 GAIL ROPER	USA	1999	42.30 CHRISTEL SCHULZ	GER	2010
50 M. FLY			35.32 PAM HUTCHINGS	AUS	2008	100 M. BACK		
34.56 DIANN UUSTAL	USA	2013	35.52 OLGA KREJCI	SUI	2007	1:26.15 SATOKO TAKEUJI	JPN	2012
35.77 CHRISTEL SCHULZ	GER	2006	100 M. FREE			1:30.32 E.KETELSEN	DEN	2013
36.03 RUTH SHAPS	USA	2012	1:14.28 YOSHIKO OSAKI	JPN	2009	1:32.02 CHRISTEL SCHULZ	GER	2010
36.50 MICHELLE DOI	JPN	2008	1:15.01 CHRISTEL SCHULZ	GER	2010	1:32.26 NORIKO YOSHIDA	JPN	2013
36.55 KIRA MAKAROVA	RUS	2013	1:17.94 JANE ASHER	GBR	2004	1:32.51 YOSHIKO OSAKI	JPN	2009
36.57 BRIGITTE MERTEN	GER	2013	1:18.19 JEN THOMASSON	AUS	2013	1:32.68 JOY WARD	USA	2012
36.86 JUDY WILSON	FRA	2009	1:19.94 GAIL ROPER	USA	1999	1:33.17 HIROMI SATO	JPN	2012
37.25 GISELA PEKAREK	AUT	2009	1:20.31 PAM HUTCHINGS	AUS	2008	1:33.49 SHOKO YONEZAWA	JPN	2005
37.36 CLARY MUNNS	AUS	2009	1:20.76 JEAN HOWARD-JONES	GBR	2013	1:33.61 V.JOHANSSON	SWE	2005
37.53 A SUSAN TYLER	USA	2013	1:20.99 HELGA REICH	GER	2008	1:33.61 JANE ASHER	GBR	2002
100 M. FLY			1:21.38 RENATA BASTEK	POL	2013	200 M. BACK		
1:26.13 BRIGITTE MERTEN	GER	2013	1:21.57 CLARA WALKER	USA	1996	3:11.54 SATOKO TAKEUJI	JPN	2012
1:26.17 CAROLYN BOAK	USA	2010	200 M. FREE			3:16.64 E.KETELSEN	DEN	2013
1:27.73 YOSHIKO OSAKI	JPN	2003	2:48.03 CHRISTEL SCHULZ	GER	2010	3:17.87 NORIKO YOSHIDA	JPN	2013
1:28.62 KIRA MAKAROVA	RUS	2012	2:49.80 YOSHIKO OSAKI	JPN	2008	3:18.02 JOY WARD	USA	2012
1:29.47 CLARY MUNNS	AUS	2009	2:50.27 JANE ASHER	GBR	2002	3:21.23 CHRISTEL SCHULZ	GER	2010
1:30.29 A SUSAN TYLER	USA	2013	2:53.45 JEN THOMASSON	AUS	2013	3:22.49 V.JOHANSSON	SWE	2005
1:30.78 JUDY WILSON	FRA	2009	2:57.28 LAVELLE STOINOFF	USA	2003	3:27.58 JANE ASHER	GBR	2002
1:33.38 SILVANA ABREU	BRA	2006	3:00.28 HELGA REICH	GER	2006	3:28.60 GERDA WILLIAMS	AUS	2012
1:33.75 SARAH WELCH	USA	2013	3:01.28 GAIL ROPER	USA	1999	3:28.69 DORIS STEADMAN	USA	1995
1:34.55 HANNELORE ROSE	GER	2007	3:03.22 PAM HUTCHINGS	AUS	2008	3:29.12 GRETHE BENDTSEN	DEN	2000
200 M. FLY			3:03.77 E.KETELSEN	DEN	2013	50 M. BRST		
3:21.42 CAROLYN BOAK	USA	2010	3:03.86 BARBARA FENTIMAN	AUS	2004	42.80 MONIKA SENFTLEBEN	GER	2012
3:28.48 KIRA MAKAROVA	RUS	2013	400 M. FREE			43.45 SHOKO YONEZAWA	JPN	2005
3:29.68 DANIELA BARNEA	USA	2009	5:54.97 YOSHIKO OSAKI	JPN	2008	43.98 EDITH BOEHM	GER	1999
3:29.68 HANNELORE ROSE	GER	2007	5:59.00 JEN THOMASSON	AUS	2013	44.77 DIANE FORD	GBR	2013
3:31.05 YOSHIKO OSAKI	JPN	2005	6:05.25 JANE ASHER	GBR	2004	45.53 ELIANE PELLIS	BEL	2004
3:32.63 SILVANA ABREU	BRA	2006	6:11.92 LAVELLE STOINOFF	USA	2003	45.67 JOANN LEILICH	USA	2009



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

46.14 RUTH MULLER	GER 2006	3:37.40 MARCELA STASTNA	CZE 2007	14:17.45 LIZ WALLIS	AUS 2002
46.37 KAZUKO KAIJIWARA	JPN 2009	3:37.88 GERDA WILLIAMS	AUS 2012	14:22.19 URSULA FROHLICH	GER 2010
46.51 A.OBBERGHEN	BEL 2004	400 M. I.M.		14:22.39 GAIL ROPER	USA 2005
46.78 A.LEENE-RODAL	NZL 2003	6:54.93 YOSHIKO OSAKI	JPN 2008	14:32.25 MARGERY MEYER	USA 1997
100 M. BRST		7:25.26 JANE ASHER	GBR 2001	1500 M. FREE	
1:37.39 DIANE FORD	GBR 2013	7:30.91 JUNE KRAUSER	USA 1996	24:41.76 JANE ASHER	GBR 2006
1:37.72 SHOKO YONEZAWA	JPN 2007	7:35.30 HELGA REICH	GER 2006	26:41.71 REIKO ISHIZAKI	JPN 2013
1:38.78 JOANN LEILICH	USA 2009	7:38.56 JUDITH OLIVER	CAN 2002	26:58.65 DENISE ROBERTSON	AUS 2013
1:39.15 MASAYO AZUMA	JPN 2005	7:43.94 JOY WARD	USA 2012	27:09.75 JEAN TROY	USA 2003
1:41.04 ELIANE PELLIS	BEL 2004	7:49.44 GILLIAN TREGENNA	RSA 2012	27:19.77 ANNE WILLIAMS	USA 2013
1:41.31 LUISE KNOPFLE	GER 2012	7:49.98 GAIL ROPER	USA 1999	27:40.67 JUNE KRAUSER	USA 2001
1:41.86 MONIKA SENFTLEBEN	GER 2012	7:52.18 NANCY BROWN	USA 2006	27:41.38 JANE OBERG	USA 2012
1:42.57 YOSHIKO OSAKI	JPN 2008	7:53.70 NANCY MACBETH	USA 1999	27:43.98 MICHIKO OKUMURA	JPN 2006
1:43.86 EDITH BOEHM	GER 1999			27:54.35 LIZ WALLIS	AUS 2002
1:44.15 MARGIT JEBE	USA 2009	*****		28:24.77 GAIL ROPER	USA 2005
200 M. BRST		WOMEN 75-79		50 M. BACK	
3:30.66 DIANE FORD	GBR 2013	*****		42.06 SHOKO YONEZAWA	JPN 2010
3:34.32 SHOKO YONEZAWA	JPN 2005	50 M. FREE		43.16 PAM HUTCHINGS	AUS 2011
3:34.49 JOANN LEILICH	USA 2011	34.85 JANE ASHER	GBR 2006	43.93 JANE ASHER	GBR 2006
3:36.45 LUISE KNOPFLE	GER 2009	35.90 YOSHIKO OSAKI	JPN 2013	44.43 DORIS STEADMAN	USA 1999
3:38.05 MASAYO AZUMA	JPN 2006	36.87 GAIL ROPER	USA 2005	44.59 YOSHIKO OSAKI	JPN 2013
3:42.79 TAYO FUJIEDA	JPN 2009	37.48 JEAN TROY	USA 2002	45.77 GRETHE BENDTSEN	DEN 2007
3:44.26 YOSHIKO OSAKI	JPN 2010	38.06 JOHNNIE DETRICK	USA 2013	45.98 EVA JAROSOVA	CZE 2012
3:45.28 ELIANE PELLIS	BEL 2004	38.19 PAM HUTCHINGS	AUS 2011	46.00 U.MEYER-TONNDORF	GER 2011
3:45.55 JEN THOMASSON	AUS 2013	38.20 SHOKO YONEZAWA	JPN 2011	46.17 KERSTIN GJORES	SWE 2002
3:46.18 DIANE STOWELL	USA 2004	38.28 ODETTE LUSIEN	FRA 2002	46.26 KATHARINA FLORA	ROU 2012
50 M. FLY		38.47 KERSTIN GJORES	SWE 2002	100 M. BACK	
37.93 CHRISTEL SCHULZ	GER 2010	38.57 FLORENCE CARR	USA 2001	1:38.62 JANE ASHER	GBR 2006
38.65 HARUMI SUGIMOTO	JPN 2008	100 M. FREE		1:38.78 DORIS STEADMAN	USA 2000
39.30 YOSHIKO OSAKI	JPN 2008	1:20.01 YOSHIKO OSAKI	JPN 2013	1:39.02 SHOKO YONEZAWA	JPN 2010
39.77 JANE ASHER	GBR 2002	1:20.15 JANE ASHER	GBR 2006	1:39.47 YOSHIKO OSAKI	JPN 2013
40.02 CLAIRE O'DWYER	IRL 2013	1:26.36 GAIL ROPER	USA 2005	1:41.22 PAM HUTCHINGS	AUS 2011
40.78 HISAKO SATO	JPN 2005	1:28.07 JEAN TROY	USA 2002	1:41.44 GRETHE BENDTSEN	DEN 2006
40.81 BARBARA FRID	USA 2012	1:28.14 YURIKO NAGAMATSU	JPN 2010	1:42.69 BETTY LORENZI	USA 2002
40.88 HAIKE HOELER	GER 2006	1:29.19 M. CUNNINGHAM	AUS 2001	1:42.73 EVA JAROSOVA	CZE 2011
41.25 IKUKO OKADO	JPN 2013	1:29.30 SHOKO YONEZAWA	JPN 2011	1:42.81 JOAN PARRELL	CAN 2003
41.26 GAIL ROPER	USA 2000	1:29.45 LOTTIE GEURTS	NED 2010	1:43.81 NANCY BROWN	USA 2011
100 M. FLY		1:29.80 DENISE ROBERTSON	AUS 2011	200 M. BACK	
1:34.51 YOSHIKO OSAKI	JPN 2008	1:30.16 MITSUKO KOMURO	JPN 2005	3:34.35 JANE ASHER	GBR 2006
1:40.85 JUNE KRAUSER	USA 1996	200 M. FREE		3:37.48 DORIS STEADMAN	USA 2000
1:40.90 HELGA REICH	GER 2007	2:54.26 YOSHIKO OSAKI	JPN 2013	3:40.21 GRETHE BENDTSEN	DEN 2006
1:42.23 HAIKE HOELER	GER 2006	2:56.57 JANE ASHER	GBR 2008	3:44.55 BETTY LORENZI	USA 2002
1:42.81 JUDITH OLIVER	CAN 2002	3:13.24 GAIL ROPER	USA 2005	3:47.78 EVA JAROSOVA	CZE 2012
1:44.87 MARCELA STASTNA	CZE 2007	3:15.62 REIKO ISHIZAKI	JPN 2013	3:48.04 HARUMI SUGIMOTO	JPN 2013
1:45.50 JANE ASHER	GBR 2001	3:15.74 LOTTIE GEURTS	NED 2010	3:48.77 NANCY BROWN	USA 2011
1:45.61 GAIL ROPER	USA 2001	3:16.19 DENISE ROBERTSON	AUS 2010	3:49.73 JOAN PARRELL	CAN 2003
1:46.04 HISAKO SATO	JPN 2006	3:17.42 JEAN TROY	USA 2003	3:49.80 KERSTIN GJORES	SWE 2002
1:47.67 SALLY BOLAR	USA 2009	3:18.74 HELGA REICH	GER 2011	3:50.98 HELEN BIRD	AUS 2013
200 M. FLY		3:19.07 MARGERY MEYER	USA 1997	50 M. BRST	
3:39.91 JUNE KRAUSER	USA 1996	3:19.77 JUNE KRAUSER	USA 2001	43.95 SHOKO YONEZAWA	JPN 2010
3:44.93 HELGA REICH	GER 2007	400 M. FREE		46.69 ELIANE PELLIS	BEL 2009
3:52.01 SILVIA NEUHAUSER	AUT 2001	6:12.25 YOSHIKO OSAKI	JPN 2013	47.59 EDITH BOHM	GER 2003
3:54.39 JANE ASHER	GBR 2001	6:13.20 JANE ASHER	GBR 2006	47.76 KUMIE TOKUDA	JPN 2012
3:58.81 GAIL ROPER	USA 2002	6:43.02 REIKO ISHIZAKI	JPN 2013	47.77 GISELA GRUNER	GER 2012
4:01.36 IVANA FELGROVA	CZE 2012	6:46.48 HELGA REICH	GER 2012	47.89 A.VAN OBBERGHEN	BEL 2009
4:01.61 JUDIE OLIVER	CAN 2004	6:50.97 DENISE ROBERTSON	AUS 2010	48.69 SYLVIA EISELE	USA 2005
4:02.86 ENEDINA PEREIRA	BRA 2008	6:55.62 JEAN TROY	USA 2002	48.91 MASAYO AZUMA	JPN 2011
4:04.75 MURIEL HITCHCOCK	GBR 2008	6:57.29 JUNE KRAUSER	USA 2001	49.55 I.KEUSCH-RENNER	GER 2009
4:07.97 HERILENE FREITAS	BRA 2012	6:57.76 ANNE WILLIAMS	USA 2013	49.73 TAYO FUJIEDA	JPN 2013
200 M. I.M.		6:59.81 URSULA FROHLICH	GER 2010	100 M. BRST	
2:59.25 JANE ASHER	GBR 2002	7:04.33 LOTTIE GEURTS	NED 2010	1:38.81 SHOKO YONEZAWA	JPN 2010
3:13.19 YOSHIKO OSAKI	JPN 2008	800 M. FREE		1:44.28 MASAYO AZUMA	JPN 2010
3:14.07 CHRISTEL SCHULZ	GER 2010	12:58.94 JANE ASHER	GBR 2006	1:45.78 ELIANE PELLIS	BEL 2009
3:30.51 JUDITH OLIVER	CAN 2002	13:58.35 HELGA REICH	GER 2012	1:45.98 A.VAN OBBERGHEN	BEL 2008
3:32.07 SHOKO YONEZAWA	JPN 2006	14:05.80 DENISE ROBERTSON	AUS 2011	1:47.73 KUMIE TOKUDA	JPN 2012
3:32.94 GAIL ROPER	USA 1999	14:10.50 JUNE KRAUSER	USA 2001	1:48.15 TAYO FUJIEDA	JPN 2013
3:35.13 JUNE KRAUSER	USA 1996	14:16.35 ANNE WILLIAMS	USA 2013	1:48.65 SYLVIA NEUHAUSER	AUT 2004
3:36.77 HELGA REICH	GER 2006	14:16.39 JEAN TROY	USA 2003	1:50.28 ANN HIRSCH	USA 2006



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

1:50.44 ANNE WILLIAMS	USA 2013	31:56.32 YOSHIKO KINOSHITA	JPN 2011
1:51.97 MARCELA STASTNA	CZE 2013	32:09.15 MARJORIE SHARPE	USA 1997
200 M. BRST			
***** WOMEN 80-84 *****			
3:41.53 SHOKO YONEZAWA	JPN 2010	50 M. FREE	46.39 BUNNY CEDERLUND
3:44.29 MASAYO AZUMA	JPN 2011	37.45 JANE ASHER	46.51 JANE ASHER
3:53.56 A.VAN OBERGHEN	BEL 2008	38.64 GAIL ROPER	49.40 MARGERY MEYER
3:54.88 ELIANE PELLIS	BEL 2008	40.45 FLORENCE CARR	49.53 BETTY LORENZI
3:55.25 SYLVIA NEUHAUSER	AUT 2004	40.75 JEAN TROY	50.08 GRETHE BENDTSEN
3:55.99 KUMIE TOKUDA	JPN 2012	41.21 OLGA JOHNSON	50.68 KIMIKO OOKA
3:56.14 ANNE WILLIAMS	USA 2013	41.31 HATSUHO SUGAYA	50.98 KERSTIN GJORES
3:59.30 ANN HIRSCH	USA 2006	41.54 NAN BOHL	51.41 BETTY STERN
4:01.40 TAYO FUJIEDA	JPN 2013	41.80 ELIANE PELLIS	51.81 JOAN PARRELL
4:07.43 ANNEMARIE LUDICKE	GER 2013	42.11 M. CUNNINGHAM	52.91 NANCY KINNEY
50 M. FLY			
41.54 HARUMI SUGIMOTO	JPN 2013	42.14 BRITT GRILLI	1:46.11 JANE ASHER
41.99 JANE ASHER	GBR 2006	100 M. FREE	1:47.29 BETTY LORENZI
44.54 HISAKO KITAYAMA	JPN 2012	1:24.18 JANE ASHER	1:48.64 BUNNY CEDERLUND
44.95 GAIL ROPER	USA 2004	1:27.55 GAIL ROPER	1:49.52 GRETHE BENDTSEN
45.44 ODETTE LUSIEN	FRA 2002	1:34.43 MITSUKO KOMURO	1:54.18 JUDIE OLIVER
46.26 FUMIKO NAKAMURA	JPN 2013	1:34.95 NAN BOHL	1:54.49 KIMIKO OOKA
46.88 MARCELA STASTNA	CZE 2012	1:35.64 JEAN TROY	1:56.12 NANCY KINNEY
47.74 JEAN TROY	USA 2002	1:36.14 M. CUNNINGHAM	1:56.36 KERSTIN GJORES
47.86 LOIS NOCHMAN	USA 1999	1:37.18 ELIANE PELLIS	1:58.43 JOAN PARRELL
47.88 JEANNE LITTLE	USA 2012	1:37.78 MARGERY MEYER	2:00.16 SILVIA CRAVERI
100 M. FLY			
1:47.40 JUDIE OLIVER	CAN 2007	1:39.30 UME WADA	1:47.96 JANE ASHER
1:50.12 SYLVIA NEUHAUSER	AUT 2004	200 M. FREE	3:53.25 BETTY LORENZI
1:50.44 HELGA REICH	GER 2011	3:07.40 JANE ASHER	3:59.73 BUNNY CEDERLUND
1:50.99 JANE ASHER	GBR 2006	3:27.26 JEAN TROY	4:09.14 NANCY KINNEY
1:51.04 MARCELA STASTNA	CZE 2012	3:32.12 GAIL ROPER	4:10.95 GRETHE BENDTSEN
1:54.14 GAIL ROPER	USA 2004	3:37.14 MARGERY MEYER	4:11.24 KIMIKO OOKA
1:56.07 JUNE KRAUSER	USA 2001	3:37.56 NAN BOHL	4:11.82 G.SCHOBEL-GRASS
1:56.65 ODETTE LUSIEN	FRA 2002	3:38.20 JUDIE OLIVER	4:11.83 EDITH THEIN
1:56.92 LOIS NOCHMAN	USA 1999	3:40.08 AIKO HORII	4:12.13 KERSTIN GJORES
1:58.10 CHRISTA SVOBODOVA	CZE 2012	3:41.00 DOROTHY DICKEY	4:16.70 DORIS STEADMAN
200 M. FLY			
4:03.55 SYLVIA NEUHAUSER	AUT 2004	3:41.31 G. MCKENZIE-HICKS	50 M. BRST
4:06.08 HELGA REICH	GER 2011	3:41.34 BRITT GRILLI	48.36 ELIANE PELLIS
4:10.69 JUNE KRAUSER	USA 2001	400 M. FREE	49.49 A.VAN OBERGHEN
4:17.87 GAIL ROPER	USA 2004	6:39.90 JANE ASHER	49.66 AGNES OBERGHEN
4:19.81 LOIS NOCHMAN	USA 1999	7:24.53 JEAN TROY	53.36 EDITH BOHM
4:21.11 CHRISTA SVOBODOVA	CZE 2012	7:30.34 MARGERY MEYER	53.40 ANN HIRSCH
4:21.39 JANE ASHER	GBR 2006	7:40.93 AIKO HORII	53.53 OLGA KOKORINA
4:29.94 ANN HIRSCH	USA 2006	7:42.89 M. CUNNINGHAM	54.30 NAN BOHL
4:38.45 SYLVIA EISELE	CAN 2004	7:47.03 DOROTHY DICKEY	56.34 BETTY CHRISTIAN
4:38.68 BETTY RUSS	USA 2002	7:49.19 NAN BOHL	56.57 SHIZUE TOYAMA
200 M. I.M.			
3:32.94 YOSHIKO OSAKI	JPN 2013	7:51.67 G. MCKENZIE-HICKS	56.91 SYLVIA EISELE
3:38.46 JANE ASHER	GBR 2006	7:53.37 RITA SIMONTON	100 M. BRST
3:48.16 JUDIE OLIVER	CAN 2007	7:56.31 MARJORIE SHARPE	1:50.05 ELIANE PELLIS
3:48.59 JUNE KRAUSER	USA 2001	800 M. FREE	1:50.94 A.VAN OBERGHEN
3:51.28 HELGA REICH	GER 2011	13:51.21 JANE ASHER	1:57.17 ANN HIRSCH
3:53.24 MARCELA STASTNA	CZE 2013	15:12.94 JEAN TROY	1:59.30 SYLVIA NEUHAUSER
3:53.65 GRETHE BENDTSEN	DEN 2006	15:21.62 MARGERY MEYER	2:01.21 OLGA KOKORINA
3:54.27 TAYO FUJIEDA	JPN 2012	15:32.50 GAIL ROPER	2:05.45 JANE ASHER
3:56.39 SYLVIA NEUHAUSER	AUT 2004	15:44.39 DOROTHY DICKEY	2:06.17 NAN BOHL
3:57.16 ANN HIRSCH	USA 2008	15:51.29 NAN BOHL	2:06.20 JUDIE OLIVER
400 M. I.M.			
7:39.98 JANE ASHER	GBR 2006	16:05.85 RITA SIMONTON	2:06.25 SYLVIA EISELE
7:51.71 JUNE KRAUSER	USA 2001	16:09.70 MICHIKO OKUMURA	2:09.19 EMMI PAULI
8:08.52 HELGA REICH	GER 2011	16:09.92 BETTY LORENZI	200 M. BRST
8:10.16 ANN HIRSCH	USA 2006	1500 M. FREE	4:05.52 A.VAN OBERGHEN
8:17.70 GAIL ROPER	USA 2005	26:29.87 JANE ASHER	4:17.64 ANN HIRSCH
8:26.53 URSULA FROHLICH	GER 2010	29:04.81 JEAN TROY	4:17.76 SYLVIA NEUHAUSER
8:28.79 SUE MAYNE	AUS 2011	29:35.03 MARGERY MEYER	4:26.18 OLGA KOKORINA
8:38.31 JUDIE OLIVER	CAN 2011	30:27.88 BETTY LORENZI	4:28.63 JANE ASHER
8:48.78 NANCY BROWN	USA 2011	30:35.70 FRANCA PARODI	4:37.64 SYLVIA EISELE
8:49.94 SYLVIA EISELE	CAN 2006	30:41.01 RITA SIMONTON	4:40.09 EMMI PAULI
30:43.41 MICHIKO OKUMURA			
30:46.79 DOROTHY DICKEY	AUS 2010	30:46.79 DOROTHY DICKEY	4:42.28 NAN BOHL
			4:42.75 GERTRUD MEERWALD
			4:44.59 TERUKO ONO



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

50	M.	FLY		48.95	HISAKO KOGA	JPN	2002	100	M.	BACK	
46.21	JANE ASHER	GBR	2011	49.08	RITA SIMONTON	USA	2003	1:54.22	BETTY LORENZI	USA	2012
47.37	GAIL ROPER	USA	2009	100	M.	FREE		2:06.41	BUNNY CEDERLUND	USA	2006
49.13	JUDIE OLIVER	CAN	2012	1:43.68	JEAN TROY	USA	2012	2:07.47	KERSTIN GJORES	SWE	2012
57.43	LOIS KIVI NOCHMAN	USA	2004	1:46.13	OLGA KOKORINA	RUS	2009	2:10.44	EDITH THEIN	ISR	2004
57.90	YONE MURATA	JPN	2002	1:47.59	OLGA JOHNSON	NZL	2006	2:10.46	SILVIA CRAVERI	ITA	2009
58.33	CHIE TANI	JPN	2007	1:48.02	MARGERY MEYER	USA	2007	2:12.48	WILLY VAN RYSEL	GBR	2001
58.38	ANN HIRSCH	USA	2011	1:48.59	BETTY LORENZI	USA	2012	2:13.13	AILEEN SOULE	USA	1991
58.61	M. CUNNINGHAM	AUS	2005	1:48.75	RITA SIMONTON	USA	2003	2:14.29	AGNES KISS	HUN	2012
59.07	JEAN TROY	USA	2009	1:49.00	BRITT GRILLI	SWE	2013	2:15.09	MARIA LENK-ZIGLER	USA	2000
59.25	YOSHIKO IKEUCHI	JPN	2011	1:49.58	MIEKO KAMOSHITA	JPN	2012	2:15.30	MARJORIE SHARPE	USA	2002
100	M.	FLY		1:51.12	G. MCKENZIE-HICKS	AUS	2012	200	M.	BACK	
1:54.93	JUDIE OLIVER	CAN	2012	1:51.16	BETTY RUSS	USA	2012	4:11.77	BETTY LORENZI	USA	2012
2:01.54	SYLVIA NEUHAUSER	AUT	2009	200	M.	FREE		4:29.16	EDITH THEIN	ISR	2003
2:02.26	JANE ASHER	GBR	2011	3:49.67	JEAN TROY	USA	2012	4:35.71	BUNNY CEDERLUND	USA	2006
2:06.55	LOIS KIVI NOCHMAN	USA	2004	3:56.11	MARGERY MEYER	USA	2007	4:38.46	G.SCHOBEL-GRASS	GER	2011
2:14.91	Y.KAPLAN-BADER	FRA	2008	3:59.07	LIZ WALLIS	AUS	2012	4:44.76	MARJORIE SHARPE	USA	2002
2:21.88	GERTRUD MEERWALD	GER	2000	3:59.68	RITA SIMONTON	USA	2003	4:45.60	KERSTIN GJORES	SWE	2012
2:22.44	BETTY RUSS	USA	2007	4:01.97	G. MCKENZIE-HICKS	AUS	2012	4:46.20	PERSIS RAE	AUS	2007
2:25.58	CHIE TANI	JPN	2007	4:03.29	OLGA JOHNSON	NZL	2006	4:47.82	AILEEN SOULE	USA	1991
2:27.91	JEAN DURSTON	USA	1994	4:06.65	BRITT GRILLI	SWE	2013	4:47.98	G.SCHOBLE-GRASS	GER	2012
2:30.44	JEAN TROY	USA	2009	4:10.20	MARJORIE SHARPE	USA	2002	4:52.87	WILLY VAN RYSEL	GBR	2001
200	M.	FLY		4:11.35	BETTY LORENZI	USA	2013	50	M.	BRST	
4:15.19	JUDIE OLIVER	CAN	2012	4:11.69	OLGA KOKORINA	RUS	2009	57.24	OLGA KOKORINA	RUS	2009
4:22.66	SYLVIA NEUHAUSER	AUT	2009	400	M.	FREE		1:01.08	M.KAPCAROVA	SVK	2012
4:34.86	LOIS KIVI NOCHMAN	USA	2004	8:06.04	JEAN TROY	USA	2012	1:02.92	KIMIE KANAI	JPN	2009
5:11.67	Y.KAPLAN-BADER	FRA	2008	8:14.05	MARGERY MEYER	USA	2007	1:03.16	MICHELE GUILLAIS	FRA	2006
5:12.38	BETTY RUSS	USA	2008	8:17.82	RITA SIMONTON	USA	2003	1:03.39	YOKO KOBAYASHI	JPN	2011
5:24.52	JEAN DURSTON	USA	1994	8:31.10	BETTY LORENZI	USA	2013	1:06.48	BETTY CHRISTIAN	USA	2006
5:29.93	MAXINE MERLINO	USA	1992	8:43.79	OLGA JOHNSON	NZL	2006	1:06.72	LIS KNUTZEN	DEN	2005
5:34.09	JAE HOWELL	USA	2003	8:43.86	G. MCKENZIE-HICKS	AUS	2012	1:07.01	NORA RONAI	BRA	2009
5:51.81	EDIE GRUENDER	USA	2008	8:44.48	LIZ WALLIS	AUS	2012	1:07.23	MARJORIE STONE	USA	2008
5:51.87	THELMA BRYAN	AUS	2013	8:59.95	BETTY RUSS	USA	2012	1:07.65	JEAN TROY	USA	2012
200	M.	I.M.		9:03.99	VIRGINIA KETELEER	BEL	2011	100	M.	BRST	
3:54.07	JANE ASHER	GBR	2011	9:08.05	MAURINE KORNFELD	USA	2007	2:09.75	OLGA KOKORINA	RUS	2009
3:59.70	JUDIE OLIVER	CAN	2012	800	M.	FREE		2:22.94	M.KAPCAROVA	SVK	2012
4:18.27	ANN HIRSCH	USA	2011	17:09.73	MARGERY MEYER	USA	2007	2:28.48	KIMIE KANAI	JPN	2009
4:18.33	SYLVIA NEUHAUSER	AUT	2009	17:10.20	BETTY LORENZI	USA	2013	2:31.14	MICHELE GUILLAIS	FRA	2006
4:18.72	JEAN TROY	USA	2007	17:14.24	RITA SIMONTON	USA	2003	2:32.62	JEAN TROY	USA	2012
4:23.03	MITSUKO KOMURO	JPN	2010	17:49.83	OLGA JOHNSON	NZL	2006	2:34.86	MARTI GOGNAT	USA	1996
4:24.08	NANCY KINNEY	USA	2009	18:01.24	G. MCKENZIE-HICKS	AUS	2012	2:34.97	DOROTHY WESTON	GBR	1998
4:25.05	M. CUNNINGHAM	AUS	2005	18:04.57	MARION BEULKE	AUS	2012	2:36.19	BETTY CHRISTIAN	USA	2006
4:25.99	GRETTEH BENDTSEN	DEN	2010	18:24.60	MAURINE KORNFELD	USA	2008	2:36.47	LIS KNUTZEN	DEN	2006
4:33.29	LOIS KIVI NOCHMAN	USA	2006	18:49.76	BETTY RUSS	USA	2012	2:36.81	EVA KOPLIKOVA	CZE	2012
400	M.	I.M.		19:12.10	JEAN DURSTON	USA	1999	200	M.	BRST	
8:21.88	JANE ASHER	GBR	2011	19:27.47	MARJORIE STONE	USA	2008	4:43.93	OLGA KOKORINA	RUS	2009
8:23.81	JUDIE OLIVER	CAN	2012	1500	M.	FREE		5:21.96	JEAN TROY	USA	2012
9:32.43	JEAN TROY	USA	2007	32:11.49	MARGERY MEYER	USA	2009	5:23.25	BARBARA BOHM	GER	2006
9:43.23	LOIS KIVI NOCHMAN	USA	2006	32:32.53	BETTY LORENZI	USA	2012	5:24.11	EVA KOPLIKOVA	CZE	2012
9:45.48	GERTRUD MEERWALD	GER	2000	32:33.60	RITA SIMONTON	USA	2003	5:26.82	TERUKO ONO	JPN	2013
10:05.13	MAXINE MERLINO	USA	1992	36:42.40	JEAN DURSTON	USA	1999	5:27.60	BETTY CHRISTIAN	USA	2006
10:05.95	G.SCHOBEL-GRASS	GER	2006	36:53.31	BETTY RUSS	USA	2012	5:35.82	MICHIKO HAMURO	JPN	2004
10:08.13	JEAN DURSTON	USA	1995	37:38.80	Y.KAPLAN-BADER	FRA	2013	5:36.62	EMMI PAULI	GER	1998
10:12.77	BETTY RUSS	USA	2008	37:52.47	G. MCKENZIE-HICKS	AUS	2012	5:38.79	UME WADA	JPN	1996
10:33.43	EDIE GRUENDER	USA	2008	38:05.96	LOIS KIVI NOCHMAN	USA	2009	5:39.91	MARIA LENK	BRA	2000
*****	WOMEN	85-89		38:20.39	MAXINE MERLINO	USA	1997	50	M.	FLY	
50	M.	BACK		39:09.67	WILLY VAN RYSEL	GBR	2001	1:01.94	LOIS KIVI NOCHMAN	USA	2009
51.81	BETTY LORENZI	USA	2012	51.81	BETTY LORENZI	USA	2012	1:06.40	YONE MURATA	JPN	2007
53.44	BUNNY CEDERLUND	USA	2006	53.44	BUNNY CEDERLUND	USA	2006	1:09.14	Y.KAPLAN-BADER	FRA	2013
56.57	BETTY CHRISTIAN	USA	2006	56.57	BETTY CHRISTIAN	USA	2006	1:09.34	JEAN TROY	USA	2013
57.14	KERSTIN GJORES	SWE	2012	57.14	KERSTIN GJORES	SWE	2012	1:09.57	NORA RONAI	BRA	2010
58.34	MARGERY MEYER	USA	2008	58.34	MARGERY MEYER	USA	2008	1:10.06	AGNES KISS	HUN	2012
58.42	AILEEN SOULE	USA	1991	58.42	AILEEN SOULE	USA	1991	1:11.58	JEAN DURSTON	USA	1999
58.87	YOKO KOBAYASHI	JPN	2011	58.87	YOKO KOBAYASHI	JPN	2011	1:12.00	MARIA LENK	BRA	2000
59.06	SILVIA CRAVERI	ITA	2009	59.06	SILVIA CRAVERI	ITA	2009	1:13.84	MAXINE MERLINO	USA	1997
59.56	WILLY VAN RYSEL	GBR	2002	59.56	WILLY VAN RYSEL	GBR	2002	1:15.37	JUNE REYNOLDS	USA	2007
59.85	NOEL MORROW	CAN	2005	59.85	NOEL MORROW	CAN	2005	2:23.89	LOIS KIVI NOCHMAN	USA	2009



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

2:39.43	JEAN DURSTON	USA 2000	200 M. FREE	5:29.07	AILEEN SOULE	USA 1997
2:40.97	Y.KAPLAN-BADER	FRA 2013	4:19.80 RITA SIMONTON	5:30.12	MAURINE KORNFIELD	USA 2013
2:45.28	DOROTHY WESTON	GBR 1998	4:22.57 OLGA KOKORINA	5:38.48	TRUDY BULLIVANT	AUS 2013
2:47.14	BETTY RUSS	USA 2012	4:30.03 MAURINE KORNFIELD	5:41.35	MARIA LENK	BRA 2005
2:52.47	JAE HOWELL	USA 2007	5:06.38 AUDREY ETIENNE	5:56.93	JULIA DOLCE	USA 2000
2:59.53	JUNE REYNOLDS	USA 2007	5:11.52 CHIYOKO TAKIZAWA	5:58.99	NORA KUTTI	EST 2013
2:59.55	MAXINE MERLINO	USA 1997	5:13.39 FUMI MURATA	6:05.42	INGEBORG FRITZE	GER 2011
3:01.14	KATHERINE PELTON	USA 1991	5:16.84 WILLY VAN RYSEL	6:15.92	MIEKO NAGAOKA	JPN 2008
3:10.22	NORA RONAI	BRA 2011	5:19.36 JULIA DOLCE	6:24.72	CLARICE ARTIS	AUS 2005
200 M. FLY			5:20.97 KIKUE ISHII	50 M. BRST		
5:07.64	LOIS KIVI NOCHMAN	USA 2009	5:21.55 AILEEN SOULE	USA 1996	1:03.72 OLGA KOKORINA	RUS 2013
5:41.48	BETTY RUSS	USA 2012	400 M. FREE		1:13.20 INGEBORG FRITZE	GER 2012
5:49.75	JEAN DURSTON	USA 1999	9:04.93 RITA SIMONTON	USA 2008	1:17.02 MARJORIE STONE	USA 2013
6:12.31	JAE HOWELL	USA 2007	9:30.36 MAURINE KORNFIELD	USA 2011	1:20.53 MICHELE GUILLAIS	FRA 2011
6:35.26	MAXINE MERLINO	USA 1998	10:30.72 HISAKO KOGA	JPN 2009	1:25.91 MARIA LENK	BRA 2005
6:35.92	JUNE REYNOLDS	USA 2007	10:41.86 CHIYOKO TAKIZAWA	JPN 2012	1:26.57 M.GOTTSCHALK	GER 1999
7:18.41	KATHERINE PELTON	USA 1990	10:55.81 FUMI MURATA	JPN 2013	1:27.46 ANNELIESE POKER	GER 2011
8:02.73	ELLA PECKHAM	USA 1985	10:58.64 WILLY VAN RYSEL	GBR 2006	1:29.94 FUMI MURATA	JPN 2013
8:02.91	KALIS RASMUSSEN	CAN 2009	11:17.74 MAXINE MERLINO	USA 2002	1:30.58 BARBARA BOHM	GER 2010
8:03.13	NORA RONAI	BRA 2011	11:19.66 MARIA LENK	USA 2005	1:34.13 LIZ KNUTSEN	DEN 2010
200 M. I.M.			11:26.04 JOYCE O'FARRELL	AUS 2010	100 M. BRST	
5:05.64	JEAN TROY	USA 2013	11:44.11 JULIA DOLCE	USA 1999	2:27.19 OLGA KOKORINA	RUS 2013
5:07.89	AGNES KISS	HUN 2013	800 M. FREE		2:55.27 MARJORIE STONE	USA 2013
5:11.92	LOIS KIVI NOCHMAN	USA 2009	18:53.58 RITA SIMONTON	USA 2008	2:57.56 INGEBORG FRITZE	GER 2011
5:16.68	JEAN DURSTON	USA 1999	19:28.25 MAURINE KORNFIELD	USA 2012	3:04.80 NAKA FUKUOKA	JPN 2013
5:25.65	RITA SIMONTON	USA 2004	22:42.50 WILLY VAN RYSEL	GBR 2006	3:12.88 MARIA LENK	USA 2005
5:27.56	MAXINE MERLINO	USA 1997	22:59.63 JOYCE O'FARRELL	AUS 2010	3:19.15 BARBARA BOHM	GER 2010
5:29.95	KALIS RASMUSSEN	CAN 2009	23:01.12 MARIA LENK	BRA 2005	3:21.95 M.GOTTSCHALK	GER 1999
5:39.68	MARIA LENK	BRA 2000	23:04.42 MAXINE MERLINO	USA 2002	3:30.83 LIZ KNUTSEN	DEN 2010
5:40.85	JAE HOWELL	USA 2007	26:04.96 KATH JOHNSTONE	NZL 2007	3:41.36 MICHIKO HAMURO	JPN 2009
5:41.63	JUNE REYNOLDS	USA 2007	26:48.47 KIKU ONO	JPN 2007	3:49.99 EVA MULLER	USA 2003
400 M. I.M.			27:28.27 KAY SCHIMPF	USA 2007	200 M. BRST	
10:41.24	BETTY RUSS	USA 2012	28:07.33 JULIA DOLCE	USA 2001	5:21.78 OLGA KOKORINA	RUS 2013
10:45.77	JEAN TROY	USA 2012	1500 M. FREE		6:53.97 BARBARA BOHM	GER 2010
10:48.77	LOIS KIVI NOCHMAN	USA 2009	36:02.20 RITA SIMONTON	USA 2008	6:54.46 INGEBORG FRITZE	GER 2012
11:10.37	JEAN DURSTON	USA 1999	42:30.27 WILLY VAN RYSEL	GBR 2006	6:57.76 MARIA LENK	USA 2005
11:21.06	MAXINE MERLINO	USA 1997	43:09.97 JOYCE O'FARRELL	AUS 2010	7:45.45 MICHIKO HAMURO	JPN 2009
11:56.05	JAE HOWELL	USA 2007	44:46.30 MAXINE MERLINO	USA 2002	8:30.18 EVA MULLER	USA 2002
12:16.14	KALIS RASMUSSEN	CAN 2009	47:05.74 CHIYOKO TAKIZAWA	JPN 2012	8:31.18 GERTRUD ZINT	USA 2007
12:29.83	NORA RONAI	BRA 2010	49:40.76 KIKU ONO	JPN 2007	10:13.56 CHARLOTTE SANDDAL	USA 2013
13:15.87	JEWEL COOKE	USA 1996	50:26.49 JULIA DOLCE	USA 1999	10:25.15 KAY SCHIMPF	USA 2007
13:38.34	GERTRUDE ZINT	USA 2003	51:19.79 KATH JOHNSTONE	NZL 2007	10:39.50 DEL ROWLEY	AUS 1995
*****			52:23.76 KAY SCHIMPF	USA 2007	50 M. FLY	
			52:51.69 MARY LATHRAM	USA 2005	1:22.05 YONE MURATA	JPN 2012
	WOMEN 90-94		50 M. BACK		1:29.40 CHARLOTTE SANDDAL	USA 2013
50 M. FREE			1:03.49 AILEEN SOULE	USA 1996	1:33.12 RITA SIMONTON	USA 2008
49.68	OLGA KOKORINA	RUS 2013	1:04.78 NOEL MORROW	CAN 2009	2:29.08 GERTRUD ZINT	USA 2007
54.97	HISAKO KOGA	JPN 2007	1:05.08 WILLY VAN RYSEL	GBR 2006	4:42.00 HILDA BUEL	USA 2006
55.48	MAURINE KORNFIELD	USA 2011	1:08.30 HANA ENATSU	JPN 2013	4:57.25 ANNA BAUSCHER	USA 1994
55.76	AILEEN SOULE	USA 1996	1:10.29 AUDREY ETIENNE	USA 2006	200 M. I.M.	
56.28	YONE MURATA	JPN 2012	1:11.47 TRUDY BULLIVANT	AUS 2013	6:30.12 RITA SIMONTON	USA 2008
56.87	RITA SIMONTON	USA 2008	1:12.15 PERSIS RAE	AUS 2011	6:35.70 MAXINE MERLINO	USA 2003
58.80	JULIA DOLCE	USA 1999	1:12.20 NORA KUTTI	EST 2013	8:18.81 CHARLOTTE SANDDAL	USA 2013
1:01.78	NOEL MORROW	CAN 2009	1:12.97 JOAN GODSALL	AUS 2008	12:03.55 HILDA BUEL	USA 2004
1:01.88	MARJORIE STONE	USA 2013	1:13.42 M.GOTTSCHALK	GER 1999	12:10.93 ANNA BAUSCHER	USA 1994
1:02.28	AUDREY ETIENNE	USA 2006	100 M. BACK		*****	
100 M. FREE			2:23.23 AILEEN SOULE	USA 1996	WOMEN 95-99	
1:59.86	OLGA KOKORINA	RUS 2013	2:25.93 WILLY VAN RYSEL	GBR 2006	*****	
2:00.12	HISAKO KOGA	JPN 2007	2:30.63 MAURINE KORNFIELD	USA 2011	50 M. FREE	
2:03.52	RITA SIMONTON	USA 2008	2:33.12 RITA SIMONTON	USA 2011	1:07.45 RITA SIMONTON	USA 2013
2:08.53	MAURINE KORNFIELD	USA 2012	2:34.29 NOEL MORROW	CAN 2009	1:14.38 SHIZUE SHIMIZU	JPN 2006
2:19.14	AUDREY ETIENNE	USA 2006	2:37.52 TRUDY BULLIVANT	AUS 2013	1:14.72 MARGO BATES	AUS 2007
2:19.62	AILEEN SOULE	USA 1996	2:41.94 NORA KUTTI	EST 2013	1:17.53 JULIA DOLCE	USA 2005
2:19.87	JULIA DOLCE	USA 2000	2:47.05 MARIA LENK	BRA 2005	1:20.84 CLARICE ARTIS	AUS 2013
2:21.27	JOYCE O'FARRELL	AUS 2010	2:49.46 M.GOTTSCHALK	GER 1999	1:23.96 MIEKO NAGAOKA	JPN 2010
2:25.03	CHIYOKO TAKIZAWA	JPN 2012	2:49.48 FUMI MURATA	JPN 2013	1:24.39 AUDREY ETIENNE	USA 2012
2:25.17	MARJORIE STONE	USA 2013	200 M. BACK		1:26.72 KIKU ONO	JPN 2012
			5:17.36 WILLY VAN RYSEL	GBR 2006		



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

1:37.38 KATH JOHNSTONE	NZL 2012	*****	1500 M. FREE	
1:41.16 MASAKO MATSUNO	JPN 2011	50 M. FREE	16:13.89 ALEX KOSTICH	USA 1997
100 M. FREE		5:10.84 MARY MAINA	16:26.06 MARTIN HOHL	SUI 2012
2:23.86 RITA SIMONTON	USA 2013	100 M. FREE	16:28.63 C.HANSMANN	GER 2002
2:56.83 MIEKO NAGAOKA	JPN 2009	6:17.75 MARGO BATES	16:28.69 CAMERON REID	USA 1987
3:08.43 JULIA DOLCE	USA 2005	50 M. BACK	16:31.20 JOHN CALNAN	CAN 2006
3:09.64 MARGO BATES	AUS 2006	2:52.85 MARGO BATES	16:32.95 ROBERT NUSSLE	GER 2012
3:15.49 AUDREY ETIENNE	USA 2011	100 M. BACK	16:36.87 NICKY LANGE	GER 2009
3:37.10 KATH JOHNSTONE	NZL 2012	6:36.82 MARGO BATES	16:38.86 JULIEN BAILLOD	SUI 2009
4:06.70 MARGE ANDERSON	CAN 1998	*****	16:41.95 DAVID GENET	FRA 2011
4:10.10 NANCY ANN DODSON	USA 2013	*****	16:42.87 JOHN PEARSON	USA 1991
4:13.30 BERNARDA ANGULO	ESP 2009	M E N 25-29	50 M. BACK	
4:14.70 M.DE FROMONT	FRA 2006	*****	26.05 ADAM MANIA	USA 2011
200 M. FREE		50 M. FREE	26.18 HIDEAKI AOKI	JPN 2010
5:04.08 RITA SIMONTON	USA 2013	22.79 A.WADDELL	26.58 JUNICHI MIYASHITA	JPN 2009
6:30.34 MIEKO NAGAOKA	JPN 2009	22.97 SERGEY MUKHIN	26.62 JANDER LAZARONI	BRA 2011
7:34.27 MARGO BATES	AUS 2005	23.15 C.GRAHLEMANN	26.64 KEVIN DOAK	USA 2009
8:16.08 KATH JOHNSTONE	NZL 2012	23.34 DMITRIY KALENOV	26.70 CHRIS KING	RSA 2012
8:57.26 M.DE FROMONT	FRA 2006	23.36 RENE LEITE	26.78 MICHELE RATTI	ITA 2013
9:24.83 BERNARDA ANGULO	ESP 2007	23.37 THIAGO REZZO	26.78 S.HALGASCH	GER 2009
11:15.91 ANNE DUNIVIN	USA 2012	23.38 HARUKI YAMAMOTO	26.87 MASAYA KANEKO	JPN 2012
400 M. FREE		23.39 CHRISTOPHER KING	26.95 KEN HAMADA SORG	BRA 2012
10:47.07 RITA SIMONTON	USA 2013	23.39 KOHEI KAWAMOTO	100 M. BACK	
13:52.13 MIEKO NAGAOKA	JPN 2011	23.40 RUDY TED DE HAAN	55.87 KURT CROSLAND	NZL 2013
16:16.72 KATH JOHNSTONE	NZL 2012	100 M. FREE	56.80 CHRIS KING	RSA 2012
18:16.28 BERNARDA ANGULO	ESP 2007	50.45 MATTHEW MCGINNIS	57.00 KEVIN DOAK	USA 2008
18:32.26 M.DE FROMONT	FRA 2006	50.74 NICK SHACKELL	57.42 IKUMI HASEGAWA	JPN 2009
22:01.50 ANNE DUNIVIN	USA 2011	51.06 ADAM RITTER	57.45 JON WINTER	NZL 1997
800 M. FREE		51.23 EDVALDO SILVA	57.66 MATTHEW MCGINNIS	USA 2013
21:53.69 RITA SIMONTON	USA 2013	51.26 KOSUKE MAEDA	57.69 MATTHEW BOWE	GBR 2008
29:29.02 MIEKO NAGAOKA	JPN 2010	51.36 SERGEY MUKHIN	58.00 JAMES CHADWICK	GBR 2004
33:53.37 KATH JOHNSTONE	NZL 2012	51.37 STEFAN OOSTING	58.24 JOHN KEPPELER	USA 1992
1500 M. FREE		51.63 KOHEI KAWAMOTO	58.26 YUTA SHOJI	JPN 2009
41:39.68 RITA SIMONTON	USA 2013	51.71 C.GRAHLEMANN	200 M. BACK	
54:09.81 MIEKO NAGAOKA	JPN 2011	51.81 TIM EHLKES	2:03.62 CHRIS KING	RSA 2012
50 M. BACK		200 M. FREE	2:03.80 KAMIL KASPROWICZ	GER 2010
1:14.31 RITA SIMONTON	USA 2013	1:51.00 JOHN KEPPELER	2:07.57 JOHN KEPPELER	USA 1992
1:19.05 MIEKO NAGAOKA	JPN 2009	1:51.39 ADAM RITTER	2:08.02 MASAYA KANEKO	JPN 2012
1:37.73 KIKU ONO	JPN 2013	1:52.19 JOE TRISTAN	2:08.23 NICOLAS GRANGER	FRA 1994
1:39.68 EDITH HENDRY	USA 2007	1:52.82 CHRIS KING	2:08.59 HIROSHI NISHIMURA	JPN 2001
1:42.07 JULIA DOLCE	USA 2005	1:53.16 CHRISTIAN HEIN	2:08.65 ROBERT HAUCK	USA 1993
1:45.87 MASAKO MATSUNO	JPN 2012	1:53.68 EDVALDO SILVA	2:09.13 JEROME FAROUZE	FRA 2003
1:49.08 CLARICE ARTIS	AUS 2013	1:53.76 MICHAEL KIEDEL	2:09.19 DARRYL FOLLOWS	NZL 1993
1:57.79 MARGE ANDERSON	CAN 1998	1:53.86 STEVEN MELLOR	2:09.49 ARNAUD RONDAN	FRA 2013
2:00.33 ROSA SELLARES	ESP 2005	1:54.22 STEFAN OOSTING	50 M. BRST	
2:01.10 BERNARDA ANGULO	ESP 2008	1:54.68 BART REYMENT	27.96 MARK GANGLOFF	USA 2011
100 M. BACK		400 M. FREE	28.29 C.BURCKLE	USA 2013
2:42.67 RITA SIMONTON	USA 2013	4:00.98 HONZA VITAZKA	28.33 EDUARDO FISCHER	BRA 2008
2:55.56 MIEKO NAGAOKA	JPN 2010	4:01.70 STEVE MELLOR	28.44 RYO KOBAYASHI	JPN 2013
3:26.93 MASAKO MATSUNO	JPN 2011	4:02.79 MARTIN HOHL	28.63 CHRISTOPHER JONES	GBR 2007
3:40.79 CLARICE ARTIS	AUS 2013	4:02.95 BART REYMENT	28.68 JAMES PARRACK	GBR 1996
3:42.90 EDITH HENDRY	USA 2007	4:03.63 ALEX KOSTICH	28.70 A.VLADIMIROV	RUS 2013
4:16.79 MARGE ANDERSON	CAN 1998	4:05.99 CHIP HOBSON	28.96 WARREN BARNES	CAN 2013
4:18.07 ROSA SELLARES	ESP 2005	4:06.99 MARCUS MATTIOLI	28.96 MITSUHIRO MARU	JPN 2007
4:19.08 BERNARDA ANGULO	ESP 2009	4:07.72 ROLAND LEE	28.97 NAOKI NAGURA	JPN 2009
4:48.93 MARGO BATES	AUS 2005	4:07.73 CAMERON REID	100 M. BRST	
4:57.61 MARY LATHRAM	USA 2011	4:07.87 ROBERT NUSSLE	1:02.18 C.BURCKLE	USA 2013
200 M. BACK		800 M. FREE	1:02.19 RYO KOBAYASHI	JPN 2013
6:29.99 MIEKO NAGAOKA	JPN 2010	8:22.43 ROBERT NUSSLE	1:02.44 GARY MARSHALL	USA 2008
7:52.01 EDITH HENDRY	USA 2007	8:24.67 ALEX KOSTICH	1:02.65 CHRISTOPHER JONES	GBR 2007
8:49.98 BERNARDA ANGULO	ESP 2009	8:27.48 MICHAEL DMITRIEV	1:03.62 V.POLYAKOV	USA 2011
11:32.56 ANNE DUNIVIN	USA 2011	8:29.22 NICOLAS GRANGER	1:03.72 MAKOTO YAMASHITA	JPN 2010
50 M. BRST		8:32.92 NEIL TAIT	1:04.11 JAMES PARRACK	GBR 1996
2:24.40 MIEKO NAGAOKA	JPN 2011	8:35.91 CHIP HOBSON	1:04.18 KOTARO MORITA	JPN 2009
4:20.32 ROSA SELLARES	ESP 2005	8:36.83 JEFF ERWIN	1:04.24 EDUARDO FISCHER	BRA 2008
*****		8:36.88 JOHN PEARSON	1:04.49 SIMON LEIGHFIELD	AUS 2002
WOMEN 100-104		8:37.24 FRANK WERNER	200 M. BRST	
		8:41.27 NICKY LANGE	2:11.78 C.BURCKLE	USA 2013



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

2:16.70 GARY MARSHALL	USA 2008	*****	26.02 STEFAN HERBST	GER 2011
2:18.17 CHRISTOPHER JONES	GBR 2008	50 M. FREE	26.42 KEVIN DOAK	USA 2012
2:19.73 DAISUKE KIMURA	JPN 2010	22.13 ROLAND SCHOEMAN	26.54 R.FLOREA	ROM 2010
2:20.25 SIMON LEIGHFIELD	AUS 2002	22.53 SABIR MUHAMMAD	26.59 DERYA BUYUKUNCU	USA 2009
2:22.05 ANDREA CAVALLETTI	ITA 2013	22.80 ROBERT PEEL	26.64 MARTIN HARRIS	GBR 2002
2:22.17 JIRI VLCEK	CZE 2009	22.91 BRIAN JACOBSON	26.68 V.SHIRSHOV	UKR 2011
2:22.60 HIROSHI TEMMA	JPN 2008	23.19 M.BILDOSOLA	26.89 VIKTOR AREFYEV	UKR 2005
2:23.14 MICHAEL KARGBO	FRA 2013	23.21 ROWDY GAINES	27.09 DANIEL GOIS	BRA 2006
2:23.28 ERIC CARLSON	USA 2011	23.25 S.KUNZELMANN	27.13 STEV THELOKE	GER 2012
50 M. FLY		23.27 TODD PACE	27.19 TERO RATY	FIN 2009
23.58 M. PATTERSON	AUS 2013	23.31 V.SHIRSHOV	100 M. BACK	
23.71 KOHEI KAWAMOTO	USA 2008	23.33 DAISUKE HOSOKAWA	56.55 STEFAN HERBST	GER 2011
24.35 SERGEY MUKHIN	RUS 2013	100 M. FREE	57.24 MARTIN HARRIS	GBR 2000
24.67 CARLOS NASCIMENTO	BRA 2009	50.84 S.KUNZELMANN	57.46 R.FLOREA	ROM 2010
24.72 RUDY TED DE HAAN	NED 2009	51.06 ADAM PINE	57.58 KEVIN DOAK	USA 2012
24.75 ERIK TOLMACHOFF	USA 2009	51.24 P.KUTSCHER	58.66 SEAN MURPHY	USA 1994
24.88 M.BABUCHOWSKI	POL 2012	51.34 HIDEAKI HARA	58.69 MARCO MACCIANTI	ITA 2012
24.88 JON WINTER	NZL 1998	51.46 STEFAN HERBST	58.74 TAKUMA YAMAOKA	JPN 2009
24.89 DAISUKE ABE	JPN 2008	51.50 ROWDY GAINES	59.16 LEONARDO GOMES	BRA 2004
24.92 DANIEL BELINI	BRA 2009	51.59 KEVIN DOAK	59.21 JEFF COMMINGS	USA 2004
100 M. FLY		51.61 TAMAS KEREJKARTO	59.31 JONATHAN AUDIS	GBR 2010
53.09 KOHEI KAWAMOTO	USA 2008	52.00 D.STOCKINGER	200 M. BACK	
53.41 M. PATTERSON	AUS 2013	52.05 MICHAEL FIBBENS	2:02.75 ROGERIO ROMERO	BRA 2000
54.29 MATTHEW BOWE	GBR 2008	200 M. FREE	2:04.43 R.FLOREA	ROM 2010
54.73 M.BABUCHOWSKI	POL 2012	1:53.15 DANIEL KOWALSKI	2:05.62 SEAN MURPHY	USA 1994
54.95 CARLOS NASCIMENTO	BRA 2009	1:53.33 JACOB CARSTENSEN	2:06.30 MARTIN HARRIS	GBR 2000
55.16 KEI NAKASHIMA	JPN 2009	1:53.46 TAMAS KEREJKARTO	2:08.11 MARK VOGEL	DEN 2000
55.34 DANIEL BELINI	BRA 2009	1:54.18 D.STOCKINGER	2:08.21 ROSTISLAV VITEK	CZE 2009
55.35 HONZA VITAZKA	USA 2002	1:54.33 JOSH DAVIS	2:09.47 JEROME FAROUZE	FRA 2006
55.69 JASON EADDY	USA 2004	1:55.20 DIOGO YABE	2:09.72 MARCO MACCIANTI	ITA 2012
56.00 YUSUKE ISHIGURO	JPN 2004	1:55.28 ROWDY GAINES	2:09.81 LEONARDO GOMES	BRA 2006
200 M. FLY		1:55.41 LACHLAN McDOWELL	2:09.84 JAY YARID	USA 1993
2:03.26 SATOSHI TORATANI	JPN 2008	1:55.48 JAMES MONTGOMERY	50 M. BRST	
2:04.14 KIMITAKA MINOBE	JPN 2003	1:55.60 I.GHERGHEL	28.59 CARLOS ALENCAR	BRA 2009
2:05.26 PHILIPP GILGEN	SUI 2003	400 M. FREE	28.63 OLEG LISOGOR	UKR 2010
2:05.76 JASON EADDY	USA 2002	3:58.42 DANIEL KOWALSKI	28.86 RYOSUKE IMAI	JPN 2009
2:06.46 ANATOLIY POLYAKOV	RUS 2009	4:00.33 R.MONASTERIO	29.01 JEFF COMMINGS	USA 2006
2:06.52 ARNAUD RONDAN	FRA 2013	4:01.06 JAN WOLFGARTEN	29.15 BRIAN JACOBSON	USA 2005
2:06.53 MARCUS MATTIOLI	ITA 1988	4:01.70 JACOB CARSTENSEN	29.19 BASTIAN KAMPMANN	GER 2010
2:07.09 K.GAYDAR	UKR 2012	4:04.37 THOMAS LURZ	29.25 GARY MARSHALL	USA 2012
2:07.14 HONZA VITAZKA	USA 2002	4:05.01 ROSTISLAV VITEK	29.30 TIMO NOLTE	GER 2006
2:07.15 CLEMENT CECILIO	FRA 2012	4:05.19 CARLOS PAVAO	29.36 JORG FARBER	GER 2009
200 M. I.M.		4:05.61 ERIK HOCHSTEIN	29.38 MASAHICO KUBOTA	JPN 2009
2:04.40 ADAM RITTER	USA 2013	4:07.04 ROWDY GAINES	29.38 RYUTARO MORITA	JPN 2009
2:05.98 KAMIL KASPROWICZ	GER 2010	4:08.53 SEBASTIAN WIESE	GER 2003	100 M. BRST
2:06.33 HONZA VITAZKA	USA 2002	800 M. FREE	1:02.71 ED MOSES	USA 2011
2:06.45 YUTA SHOJI	JPN 2009	8:08.68 JAN WOLFGARTEN	1:02.90 EDUARDO FISCHER	BRA 2011
2:07.00 NICOLAS GRANGER	FRA 1994	8:10.78 THOMAS LURZ	1:03.59 GARY MARSHALL	USA 2013
2:07.02 ARNAUD RONDAN	FRA 2013	8:16.52 R.MONASTERIO	VEN 2010	1:03.67 RYOSUKE IMAI
2:09.21 CAMERON REID	USA 1987	8:18.76 DANIEL KOWALSKI	AUS 2009	1:04.91 JACOB CARSTENSEN
2:10.44 KAZUYA KUROSU	JPN 2003	8:26.26 CARLOS PAVAO	BRA 2007	1:05.02 NICK GILLINGHAM
2:10.50 MATTHEW CHAPPEL	GBR 2004	8:27.41 ROSTISLAV VITEK	CZE 2009	1:05.10 JEFF COMMINGS
2:10.70 CHRISTOPHER JONES	GBR 2007	8:35.16 IGOR PIOVESAN	ITA 2008	1:05.13 UMBERTO RAMELLI
2:10.70 ROLAND LEE	GBR 1992	8:40.19 ROWDY GAINES	USA 1994	1:05.15 BASTIAN KAMPMANN
400 M. I.M.		8:40.78 ANDREA MARCATO	ITA 2004	1:05.17 TUDOR IGNAT
4:29.28 ARNAUD RONDAN	FRA 2013	8:40.94 DAVID GENET	FRA 2013	200 M. BRST
4:30.05 DIOGO YABE	BRA 2009	1500 M. FREE		2:18.04 GARY MARSHALL
4:31.47 NICOLAS GRANGER	FRA 1994	15:25.79 JAN WOLFGARTEN	GER 2012	2:19.67 ED MOSES
4:32.19 HONZA VITAZKA	USA 2002	16:30.41 ASUKA KOIZUMI	JPN 2009	2:20.43 NICK GILLINGHAM
4:32.45 DIRK ZINNOW	GER 2000	16:30.57 MARTIN HOHL	SUI 2013	2:21.25 HIROYUKI KOSAKA
4:32.96 ALEX KOSTICH	USA 1997	16:33.70 IGOR PIOVESAN	ITA 2008	2:21.28 TOMASZ DUSZYNSKI
4:34.08 CAMERON REID	USA 1987	16:34.31 DAVID GENET	FRA 2012	2:21.43 JACOB CARSTENSEN
4:41.14 MARCUS MATTIOLI	ITA 1988	16:35.67 SEBASTIAN WIESE	GER 2003	2:22.36 TAKAHIRO MORI
4:42.34 SATOSHI TORATANI	JPN 2008	16:36.06 BOBBY PATTEN	USA 1993	2:22.62 KAZUYA KOIKE
4:42.71 TODD ROBINSON	USA 1992	16:38.24 JEFF ERWIN	USA 1998	2:22.70 F.PAQUOT
		16:42.28 RON NEUGENT	USA 1991	2:22.88 SIMONE BATTISTON
		16:42.60 ANDREA MARCATO	ITA 2005	50 M. FLY
		50 M. BACK		23.26 ROLAND SCHOEMAN

M E N 30-34



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

24.59 KEVIN DOAK	USA 2012	100 M. FREE		59.18 MICHAEL ROSS	USA 2006
24.61 ADAM PINE	AUS 2009	50.78 HIDEAKI HARA	JPN 2009	59.50 OSAMU ITOI	JPN 2009
24.73 OSWALDO QUEVEDO	USA 2006	51.49 ROWDY GAINES	USA 1995	59.65 JEFF COMMINGS	USA 2012
24.91 GARY HALL	USA 2005	51.98 SVEN LODZIEWSKI	GER 2004	59.91 ERIC ERICSON	USA 2000
25.02 OLEG LISOGOR	UKR 2011	52.15 RICHARD SAEGER	USA 2001	1:00.00 RICK GOULD	USA 2006
25.02 ALEXANDER KAHL	GER 2007	52.22 VLAD PYSHNENKO	USA 2006	1:00.07 SIMON THIRSK	RSA 2012
25.11 I.GHERGHEL	ROM 2010	52.23 MICHAEL ROSS	USA 2004	1:00.13 J CLAY BRITT	USA 1999
25.16 BRIAN ALDERMAN	USA 2000	52.27 TODD ROBINSON	AUS 2009	1:00.29 RICHARD SAEGER	USA 2001
25.20 A.WASZKEWICZ	POL 2013	52.68 R.LOCOCIOLO	ITA 2009	1:00.34 MARK VOGEL	DEN 2009
100 M. FLY		52.78 CLAUS IVERSEN	DEN 2013	200 M. BACK	
53.11 ADAM PINE	AUS 2009	52.93 JOCHEN BRUHA	GER 2004	2:07.16 RON KARNAUGH	USA 2001
54.19 I.GHERGHEL	ROM 2010	200 M. FREE		2:09.26 DANIEL VEATCH	USA 2000
54.83 KEVIN DOAK	USA 2012	1:52.84 VLAD PYSHNENKO	USA 2006	2:09.65 DARRYL FOLLOWS	NZL 2002
55.01 TAMAS KEREKJARTO	USA 2009	1:54.86 RICHARD SAEGER	USA 2001	2:09.67 A.PONTALTI	ITA 2012
55.39 HIROKI NAKAZONO	JPN 2009	1:55.36 ROWDY GAINES	JPN 1994	2:10.38 NICHOLAS GRANGER	FRA 2002
55.67 MATT HAUPt	USA 2010	1:55.62 MICHAEL ROSS	USA 2006	2:10.59 RICK GOULD	USA 2006
56.23 MARCO MACCIANTI	ITA 2013	1:55.68 JOCHEN BRUHA	GER 2004	2:11.60 TAKAYUKI MIYASAKA	JPN 2012
56.25 RAZVAN PETCU	USA 2004	1:56.02 RONALD KARNAUGH	USA 2003	2:12.18 DEREK GUFFEY	USA 2009
56.49 ROBERTO FIUZA N	BRA 1999	1:56.31 HIDEAKI HARA	JPN 2012	2:12.39 SIMON THIRSK	RSA 2012
56.62 OSWALDO QUEVEDO	USA 2006	1:56.45 GUSTAVO HELENO	BRA 2011	2:13.21 STEV THELOKE	GER 2013
200 M. FLY		1:57.37 ERIK HOCHSTEIN	USA 2003	50 M. BRST	
2:00.33 MIGUEL ALCALDE	ESP 2007	1:57.61 CLAUS IVERSEN	DEN 2012	28.53 JEFF COMMINGS	USA 2009
2:03.76 MATT HAUPt	USA 2010	400 M. FREE		28.80 VLADISLAV BRAGIN	RUS 2009
2:03.85 BOBBY PATTEN	USA 1995	4:05.91 PETAR STOYCHEV	GER 2012	29.09 WALLY DICKS	USA 1998
2:06.79 ASUKA KOIZUMI	JPN 2009	4:06.73 GUSTAVO HELENO	BRA 2011	29.19 ANDRIY KULYK	UKR 2012
2:06.82 PHILIPPE MEYER	SUI 2005	4:07.64 ROWDY GAINES	USA 1995	29.21 TIMO NOLTE	GER 2010
2:06.84 IAN BECK	GBR 1996	4:09.74 DANIEL VERDAGUER	ESP 2006	29.40 GERALD MORKEN	GER 1996
2:07.71 JAMES BELARDI	USA 1987	4:10.15 CLAUS IVERSEN	DEN 2012	29.57 PETTERI LEHTINEN	FIN 2009
2:08.03 LOIC LEROY	FRA 2012	4:10.31 ERIK HOCHSTEIN	USA 2003	29.64 ANDREA AGOSTINONE	ITA 2006
2:08.06 JULIEN BAILLOD	SUI 2011	4:10.54 IGOR PIOVESAN	ITA 2009	29.65 YASUHIRO KOMORI	JPN 2009
2:08.25 TAMAS KEREKJARTO	USA 2010	4:12.48 CHRIS FYDLER	AUS 2009	29.66 ROB BUTCHER	USA 2009
200 M. I.M.		4:12.56 ANDREA MARCATO	ITA 2009	100 M. BRST	
2:03.54 DIOGO YABE	BRA 2011	4:13.24 R SEAN JUSTICE	USA 2011	1:03.76 JEFF COMMINGS	USA 2013
2:05.52 ISTVAN BATHAZI	USA 2009	800 M. FREE		1:04.73 NICK GILLINGHAM	GBR 2004
2:05.60 TAMAS KEREKJARTO	USA 2010	8:18.44 PETAR STOYCHEV	GER 2012	1:04.91 STEVE WEST	USA 2011
2:07.38 JACOB CARSTENSEN	DEN 2010	8:35.29 GUSTAVO HELENO	BRA 2011	1:05.00 WALLY DICKS	USA 2000
2:07.97 KOSUKE KOJIMA	USA 2009	8:38.73 ROWDY GAINES	USA 1996	1:05.07 ALBERTO MONTINI	ITA 2004
2:08.89 NICOLAS GRANGER	FRA 2000	8:39.37 ANDREA MARCATO	ITA 2009	1:05.38 VLADISLAV BRAGIN	RUS 2010
2:09.34 C.SORRENTINO	ITA 2008	8:39.49 IGOR PIOVESAN	ITA 2009	1:05.63 RONALD KARNAUGH	USA 2003
2:09.69 DAVID LUNDBERG	USA 1991	8:41.16 DANIEL VERDAGUER	ESP 2006	1:05.67 DAVID GUTHRIE	USA 1995
2:09.70 JOSH DAVIS	USA 2006	8:41.53 R SEAN JUSTICE	USA 2011	1:05.95 ROB BUTCHER	USA 2009
2:09.77 ASUKA KOIZUMI	JPN 2009	8:46.26 JIMMY FURRER	SUI 1996	1:06.01 KRASIMIR ZAHOV	BUL 2013
400 M. I.M.		8:46.34 E.MASSIMILIANO	ITA 2012	200 M. BRST	
4:24.11 LUKASZ WOJT	GER 2013	8:49.89 ALEJANDRO MORENO	MEX 2004	2:20.29 NICK GILLINGHAM	GBR 2004
4:31.36 DIOGO YABE	BRA 2012	1500 M. FREE		2:20.34 STEVE WEST	USA 2011
4:33.91 THOMAS LURZ	GER 2012	16:00.04 PETAR STOYCHEV	GER 2012	2:21.87 RON KARNAUGH	USA 2001
4:35.41 ASUKA KOIZUMI	JPN 2010	16:32.72 CHRISTOPHER DERKS	USA 2008	2:24.26 ALBERTO MONTINI	ITA 2004
4:38.28 JULIEN BAILLOD	SUI 2012	16:36.50 ANDREA MARCATO	ITA 2009	2:24.37 DAVID GUTHRIE	USA 1995
4:38.36 C.SORRENTINO	ITA 2008	16:37.34 ROWDY GAINES	USA 1995	2:24.42 HIROYUKI KOSAKA	JPN 2011
4:39.92 NICOLAS GRANGER	FRA 2000	16:38.48 R SEAN JUSTICE	USA 2011	2:25.99 KRASIMIR ZAHOV	BUL 2013
4:40.22 SEAN MURPHY	USA 1994	16:40.90 IGOR PIOVESAN	ITA 2009	2:26.05 WALLY DICKS	USA 2000
4:40.44 DAVID LUNDBERG	USA 1992	16:45.04 MIKE SHAFFER	USA 2002	2:26.21 MARTIN DE WILDT	NED 2013
4:40.91 HIROYUKI KOSAKA	JPN 2009	16:50.83 ERIK HOCHSTEIN	USA 2003	2:27.12 TOMASZ DUSZYNSKI	POL 2013
*****		16:59.46 DANIEL VEATCH	USA 2001	50 M. FLY	
M E N 35-39		17:06.10 OLIVIER VAHE	FRA 2009	24.69 RYK NEETHLING	RSA 2012
*****		50 M. BACK		24.75 MARK FOSTER	GBR 2005
50 M. FREE		26.99 STEV THELOKE	GER 2013	25.00 WADE KING	USA 2002
22.76 MARK FOSTER	GBR 2005	27.03 EDILSON SILVA	USA 2009	25.10 LEONARDO GOMES	BRA 2009
23.20 ROWDY GAINES	JPN 1994	27.11 LEONARDO GOMES	BRA 2009	25.18 GLENN COUNTS	USA 2012
23.28 RYK NEETHLING	RSA 2012	27.21 OSAMU ITOI	JPN 2009	25.22 MAKIO ENDO	JPN 2009
23.28 M.GIALDI	ITA 2004	27.42 SIMON THIRSK	RSA 2013	25.23 EIJI NOMURA	JPN 2010
23.37 BRIAN JACOBSON	USA 2012	27.47 VIKTOR AREFYEV	UKR 2012	25.31 JAN KARLSSON	SWE 2005
23.53 SVEN GUSKE	GER 2009	27.50 MICHAEL ROSS	USA 2004	25.41 DENIS SILANTJEV	UKR 2011
23.59 STEFAN VOLERY	SUI 1996	27.60 J CLAY BRITT	USA 1999	25.42 IGOR MARCHENKO	USA 2012
23.60 FELIPE DELGADO	USA 2009	27.63 C.SORRENTINO	ITA 2009	100 M. FLY	
23.76 SVEN LODZIEWSKI	GER 2004	27.68 RICK GOULD	USA 2006	55.82 HIDEAKI HARA	JPN 2011
23.77 TODD ROBINSON	AUS 2009	100 M. BACK		55.84 EIJI NOMURA	JPN 2009
		59.04 STEV THELOKE	GER 2013	56.07 MICHAEL ROSS	USA 2004



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

56.28	STEPHEN MAVIN	GBR	2012	1:55.06	MICHAEL ROSS	USA	2009	2:13.48	CHRIS STEVENSON	USA	2008
56.39	TYLER JOURDONNAIS	USA	2000	1:55.06	RICH SAEGER	USA	2006	2:14.37	ERIK HOCHSTEIN	USA	2009
56.41	BERNIE ZERUHN	USA	2006	1:55.70	ERIK HOCHSTEIN	USA	2008	2:14.61	JOHN ENGS	USA	2006
56.60	JEFF STUART	USA	1996	1:58.50	KAI DITZEL	GER	2004	2:14.71	DEKE BOTSFORD	CAN	2010
56.76	FRANK WATTLES	USA	2007	1:58.60	ROSS DAVIS	USA	2006	2:14.83	DANIEL VEATCH	USA	2006
57.10	HENRY CLARK	USA	2003	1:58.61	PAUL SMITH	USA	2001	2:15.35	ROSS DAVIS	USA	2006
57.15	CLAUS IVERSEN	DEN	2013	1:58.66	JOCHEM BRUHA	GER	2009	2:15.49	WILLIAM SPECHT	USA	1999
200 M.	FLY			1:58.66	JEFFREY UTSCH	USA	2008	50 M.	BRST		
2:06.74	JEFF STUART	USA	1996	1:58.74	JURE BUCAR	SLO	2006	28.84	ALBERTO MONTINI	ITA	2009
2:07.13	BERNIE ZERUHN	USA	2006	400 M.	FREE			29.16	VLADISLAV BRAGIN	RUS	2012
2:08.13	KIMITAKA MINOBE	JPN	2011	4:06.74	ERIK HOCHSTEIN	USA	2009	29.38	STEVE WEST	USA	2012
2:08.51	WILLIAM SPECHT	USA	1994	4:11.55	DENNIS BAKER	USA	2004	29.53	HIDEAKI TOGO	JPN	2012
2:08.65	MIKE SHAFFER	USA	2002	4:13.65	MARK THOMPSON	AUS	2009	29.56	YOZO FUJII	JPN	2009
2:09.03	PHILIPPE MEYER	SUI	2006	4:13.82	JURE BUCAR	SLO	2006	29.74	SERGEY FIRICHENKO	RUS	2013
2:09.10	FRANK WATTLES	USA	2007	4:14.37	MICHAEL PRUFERT	GER	2006	29.81	YASUHIRO KOMORI	JPN	2013
2:09.18	JAMES BELARDI	USA	1992	4:14.54	PAUL LEMMON	AUS	2009	29.86	MAKOTO ONODERA	JPN	2009
2:09.36	DENNIS BAKER	USA	2000	4:15.57	BRETT PHILLIPS	USA	2001	29.98	RICO ROLLI	ITA	2009
2:09.77	HENRY CLARK	USA	2002	4:15.71	MICHAEL KLEIBER	GER	2004	30.16	ROBERTO DOBIE	ARG	2009
200 M.	I.M.			4:15.78	KAI DITZEL	GER	2004	100 M.	BRST		
2:05.64	RONALD KARNAUGH	USA	2003	4:15.86	JOSEPH RHYNE	USA	1999	1:03.60	VLADISLAV BRAGIN	RUS	2012
2:11.23	NICOLAS GRANGER	FRA	2002	800 M.	FREE			1:03.76	STEVE WEST	USA	2012
2:12.25	R.LOCOCIOLO	ITA	2010	8:37.81	ALEX KOSTICH	USA	2010	1:05.04	ALBERTO MONTINI	ITA	2009
2:12.37	CLAUS IVERSEN	DEN	2012	8:41.65	JEFF ERWIN	USA	2005	1:05.97	RICO ROLLI	ITA	2009
2:13.02	JEROME FRENTSOS	USA	2000	8:44.89	DANIEL SERRA	ESP	2008	1:06.16	YOZO FUJII	JPN	2009
2:13.04	HIROYUKI KOSAKA	JPN	2011	8:46.51	MICHAEL KLEIBER	GER	2005	1:06.60	MAKOTO ONODERA	JPN	2009
2:13.27	ALBERTO MONTINI	ITA	2007	8:46.61	MICHAEL PRUFERT	GER	2005	1:06.67	HIDEAKI TOGO	JPN	2012
2:13.51	A.PONTALTI	ITA	2012	8:48.69	JOSEPH RHYNE	USA	1999	1:06.82	SERGEY FIRICHENKO	RUS	2013
2:13.71	JEFF COMMINGS	USA	2013	8:49.38	RYAN COX	USA	2013	1:06.90	HAJIME MORIMOTO	JPN	2009
2:13.99	EDWIN VAN NORDEN	NED	2001	8:51.45	STUART CROMARTY	USA	2004	1:07.58	BRIAN JACOBSON	USA	2013
400 M.	I.M.			8:51.60	MARK THOMPSON	AUS	2012	200 M.	BRST		
4:34.10	RON KARNAUGH	USA	2001	8:53.04	FABIO CALMASINI	ITA	2012	2:18.94	ALBERTO MONTINI	ITA	2009
4:42.45	NICOLAS GRANGER	FRA	2002	1500 M.	FREE			2:19.01	STEVE WEST	USA	2012
4:43.17	JEROME FRENTSOS	USA	2000	16:36.91	ALEX KOSTICH	USA	2010	2:23.09	VLADISLAV BRAGIN	RUS	2012
4:45.47	DEREK GUFFEY	USA	2009	16:39.60	JEFF ERWIN	USA	2008	2:24.19	ROQUE SANTOS	USA	2008
4:45.98	SANDRO TOMAS	CRO	2008	16:45.53	MICHAEL KLEIBER	GER	2003	2:28.54	DAVID GUTHRIE	USA	2000
4:46.79	DARIUSZ WOLNY	POL	1998	16:48.68	TIMOTHY GALLAUDET	USA	2008	2:29.66	MAKOTO ONODERA	JPN	2010
4:47.06	CLAUS IVERSEN	DEN	2012	16:54.95	MICHAEL PRUFERT	GER	2006	2:29.77	RON SCHAFER	USA	1998
4:48.38	ROQUE SANTOS	USA	2006	16:55.84	RYAN COX	USA	2013	2:29.99	TIOMUR PODMARER	RUS	1998
4:49.90	A.TIBERTI	ITA	2001	16:58.52	HESS YNTEMA	USA	1995	2:30.86	ANDRE WRASSE	GER	2012
4:50.04	ANTONINO TRIPPODO	ITA	2012	17:01.24	MARCO TENDERINI	ITA	2009	2:31.53	V.PYLYPCHENKO	UKR	2006
*****	*****	*****	*****	17:05.53	JOSEPH RHYNE	USA	1999	50 M.	FLY		
*****	*****	*****	*****	17:09.14	MIKE SHAFFER	USA	2009	25.07	SERKAN ATASAY	TUR	2011
ME N	40-44			50 M.	BACK			25.39	EIJI NOMURA	JPN	2012
*****	*****	*****	*****	27.35	SERKAN ATASAY	TUR	2012	25.51	JOHN BATES	AUS	2011
50 M.	FREE			27.38	EDILSON SILVA	BRA	2010	25.54	MASATERU IKEDA	JPN	2012
23.30	STEPHAN VOLERY	SUI	2001	27.47	MICHAEL ROSS	USA	2008	25.57	MICHAEL ROSS	USA	2009
23.60	BRIAN JACOBSON	USA	2013	27.88	CLAY BRITT	USA	2002	25.73	JAN KARLSSON	SWE	2010
23.86	M.GIALDI	ITA	2008	27.95	CHRIS STEVENSON	USA	2008	25.73	STEVE HILTABIDDLE	USA	2009
24.02	VLADIMIR PREDKIN	RUS	2013	28.01	VLADIMIR SELKOV	RUS	2012	25.87	PAUL SMITH	USA	2000
24.12	TOMMY RUNDGREN	FIN	2009	28.03	EDILSON JUNIOR	BRA	2013	25.90	HARTMUT BERNER	GER	2005
24.14	DAVID BOATWRIGHT	USA	2003	28.08	TOM STACHEWICZ	AUS	2008	25.94	VLADISLAV BRAGIN	RUS	2013
24.23	TODD PACE	USA	2011	28.26	GIUSEPPE TIANO	ITA	2009	100 M.	FLY		
24.24	ERIK HOCHSTEIN	USA	2008	28.37	Y.NAKAHARA	JPN	2013	56.17	SERKAN ATASAY	TUR	2011
24.25	BRENT BARNES	JPN	1998	100 M.	BACK			56.43	MICHAEL ROSS	USA	2008
24.30	VLAD PYSHNENKO	USA	2010	59.08	MICHAEL ROSS	USA	2009	57.41	MASATERU IKEDA	JPN	2012
100 M.	FREE			59.36	SERKAN ATASAY	TUR	2012	57.57	PAUL CARTER	USA	2001
51.72	VLAD PYSHNENKO	USA	2010	1:00.56	CHRIS STEVENSON	USA	2008	57.62	HENRY CLARK	USA	2005
52.10	ERIK HOCHSTEIN	USA	2009	1:00.62	EDILSON SILVA	BRA	2010	57.67	ALBERTO MONTINI	ITA	2009
52.42	MICHAEL ROSS	USA	2009	1:00.64	RICH SAEGER	USA	2006	57.79	WILLIAM SPECHT	USA	1999
52.55	CHRIS FYDLER	AUS	2012	1:00.91	CLAY BRITT	USA	2002	57.89	EIJI NOMURA	JPN	2012
53.19	STEFAN OPATRIL	AUT	2009	1:00.95	SEAN MURPHY	USA	2006	57.97	DENNIS BAKER	USA	2004
53.30	BRIAN JACOBSON	USA	2013	1:01.09	DEKE BOTSFORD	CAN	2010	58.10	ANDREA TOJA	ITA	2009
53.31	TOMMY RUNDGREN	FIN	2009	1:01.30	VLADIMIR SELKOV	RUS	2012	200 M.	FLY		
53.45	RICH SAEGER	USA	2006	1:01.39	LARS KALENKA	GER	2013	2:05.55	DENNIS BAKER	USA	2004
53.66	JOAKIM SJOHOLM	SWE	2004	200 M.	BACK			2:09.47	WILLIAM SPECHT	USA	1998
53.69	CYRO DELGADO	BRA	2002	2:12.77	MARK VOGEL	DEN	2010	2:10.20	MIKE SHAFFER	USA	2006
200 M.	FREE			2:12.82	EDUARDO MAROCCHI	BRA	2012	2:11.16	TOSHIYUKI IBE	JPN	2010
1:53.65	VLAD PYSHNENKO	USA	2010	2:13.37	SEAN MURPHY	USA	2006	2:11.21	EIJI NOMURA	JPN	2012



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

2:11.53 JAMES BELARDI	USA 1997	4:14.81 MARCUS MATTIOLI	BRA 2006	30.27 RICHARD SCHROEDER	USA 2006
2:12.36 UWE VOLK	GER 2012	4:14.97 FABIO CALMASINI	ITA 2013	30.41 GLEN CHRISTIANSEN	SWE 2002
2:12.43 HESS YNTEMA	USA 1996	4:16.20 MICHAEL PRUFERT	GER 2009	30.49 V.PYLYPCHENKO	UKR 2009
2:12.66 JOSEPH RHYNE	USA 1999	4:18.78 MICHAEL KLEIBER	GER 2009	30.55 FABIO SERVADIO	ITA 2009
2:13.50 MARK MAGEE	USA 2009	4:18.93 JEFF ERWIN	USA 2009	30.59 DAVID GUTHRIE	USA 2008
200 M. I.M.		4:19.34 PAUL LEMMON	AUS 2012	100 M. BRST	
2:10.63 ALBERTO MONTINI	ITA 2009	4:20.23 DANIEL MACHEK	CZE 2006	1:06.35 V.PYLYPCHENKO	UKR 2009
2:12.41 PETER BERTEL	GER 2007	800 M. FREE		1:06.60 NICOLAS GRANGER	FRA 2013
2:12.73 UWE VOLK	GER 2010	8:42.85 MARCUS MATTIOLI	BRA 2006	1:06.67 RICO ROLLI	ITA 2010
2:14.13 ERIK HOCHSTEIN	USA 2009	8:48.97 FABIO CALMASINI	ITA 2013	1:07.38 DAVID GUTHRIE	USA 2008
2:14.39 LORENZO BENUCCI	USA 2007	8:50.06 MICHAEL KLEIBER	GER 2009	1:08.00 MAKOTO ONODERA	JPN 2013
2:15.10 JENS-PETER BERNDT	USA 2004	8:51.98 JEFF ERWIN	USA 2010	1:08.11 ALBERTO MONTINI	ITA 2013
2:15.53 JAMES SORENSEN	USA 1998	8:52.20 MICHAEL PRUFERT	GER 2009	1:08.56 V.ZAGREBENKO	RUS 2009
2:15.75 MICHAEL ROSS	USA 2009	8:58.50 RICARDO VALDIVIA	USA 2009	1:08.62 HAJIME MORIMOTO	JPN 2013
2:15.78 DEKE BOTSFORD	CAN 2010	8:58.84 JIM MCCONICA	USA 1999	1:08.74 ALEXEY VLASENKO	RUS 2012
2:16.07 JIM TUCHLER	USA 2009	9:00.43 PAUL LEMMON	AUS 2012	1:08.91 THOMAS LIGL	GER 2009
400 M. I.M.		9:02.31 STEVEN UNRUH	USA 2012	200 M. BRST	
4:43.00 UWE VOLK	GER 2012	9:03.54 DANIEL MACHEK	CZE 2004	2:24.39 ALBERTO MONTINI	ITA 2013
4:47.01 PETER BERTEL	GER 2007	1500 M. FREE		2:24.91 V.PYLYPCHENKO	UKR 2009
4:48.32 ALBERTO MONTINI	ITA 2012	16:38.81 JEFF ERWIN	USA 2009	2:27.79 DAVID GUTHRIE	USA 2008
4:49.31 A.BORGIALLI	ITA 2013	16:57.17 RICARDO VALDIVIA	USA 2009	2:33.74 THOMAS LIGL	GER 2006
4:49.42 DENNIS BAKER	USA 2005	16:58.68 MICHAEL KLEIBER	GER 2009	2:33.97 HAJIME MORIMOTO	JPN 2013
4:49.62 DARIUSZ WOLNY	POL 2000	17:10.90 GEORGE TIDMARSH	USA 2005	2:34.32 TIMUR PODMAREV	RUS 2006
4:50.74 GUNTER GOTTFRIED	GER 2000	17:11.41 MICHAEL PRUFERT	GER 2009	2:34.56 MAKOTO ONODERA	JPN 2012
4:50.95 DAVID WARREN	GBR 2012	17:12.28 MARCUS MATTIOLI	BRA 2008	2:35.03 RICARDO TORRES	PAN 2012
4:50.97 LORENZO BENUCCI	USA 2007	17:23.73 CALUM MCKINLAY	GBR 2009	2:35.11 GLEN CHRISTIANSEN	SWE 2002
4:51.28 ALEJANDRO MORENO	MEX 2010	17:28.77 BOBBY PATTEN	USA 2009	2:35.96 GRAEME FISHER	USA 2013
		17:28.80 B.BORDONALI	ITA 2007	50 M. FLY	
*****		17:31.23 TODD BRYAN	USA 1998	25.65 NICHOLAS DECKER	USA 2012
M E N 45-49		50 M. BACK		25.90 PAUL SMITH	USA 2006
*****		28.05 STEVE WOOD	USA 2008	26.03 ANDE RASMUSSEN	USA 2008
50 M. FREE		28.14 ANDE RASMUSSEN	USA 2008	26.12 PAUL CARTER	USA 2002
24.26 BRENT BARNES	JPN 2004	28.25 FRITZ BEDFORD	USA 2011	26.23 RICO ROLLI	ITA 2011
24.29 PAUL SMITH	USA 2006	28.32 J CLAY BRITT	USA 2008	26.35 WADE KING	USA 2012
24.34 M.GIALDI	ITA 2013	28.44 CHRIS STEVENSON	USA 2009	26.38 STEVE HILTABIDDLE	USA 2011
24.40 STEVE WOOD	USA 2008	28.77 JAY YARID	USA 2008	26.40 GREG TULL	USA 2013
24.50 ANDREA NICOLAO	ITA 2009	28.91 LIONEL CHALENDAR	FRA 2012	26.54 ANDREA NICOLAO	ITA 2009
24.50 ANDE RASMUSSEN	USA 2008	28.96 HIROYOSHI MAETOGE	JPN 2012	26.55 HIROSHI MIURA	JPN 2013
24.63 RICO ROLLI	ITA 2010	29.01 CRAIG NORREY	SUI 2006	100 M. FLY	
24.69 GREG TULL	USA 2013	29.02 ANDERS RASMUSSEN	USA 2012	56.42 PAUL CARTER	USA 2002
24.72 METELLO SAVINO	ITA 2008	100 M. BACK		57.60 PAUL SMITH	USA 2008
24.74 MARCO COLOMBO	ITA 2005	1:00.13 STEVE WOOD	USA 2008	58.47 C.LUTOTOVICH	ARG 2009
100 M. FREE		1:00.55 CHRIS STEVENSON	USA 2009	58.97 NICHOLAS DECKER	USA 2012
53.77 MARCO COLOMBO	ITA 2005	1:01.33 EDUARDO MAROCCHI	BRA 2013	59.10 CHRIS STEVENSON	USA 2009
53.90 JACK GROSELLE	USA 1999	1:01.71 NICOLAS GRANGER	FRA 2012	59.20 DENNIS BAKER	USA 2009
53.94 NICOLAS GRANGER	FRA 2012	1:02.07 J CLAY BRITT	USA 2006	59.38 WILLIAM SPECHT	USA 2003
54.15 PAUL SMITH	USA 2008	1:02.22 RICH SAEGER	USA 2012	59.40 ANDERS RASMUSSEN	USA 2009
54.22 JAMES MONTGOMERY	USA 2002	1:02.44 HIROYOSHI MAETOGE	JPN 2012	59.60 ALBERTO MONTINI	ITA 2013
54.62 M.GIALDI	ITA 2013	1:02.62 FRITZ LEHMAN	USA 2003	59.63 SCOTT CARPENTER	USA 2009
54.78 STEFAN OPATRIL	AUT 2012	1:02.65 FRITZ BEDFORD	USA 2011	200 M. FLY	
54.79 KEITH SWITZER	USA 2009	1:02.79 JAY YARID	USA 2008	2:04.07 DENNIS BAKER	USA 2008
54.83 DAVID BOATWRIGHT	USA 2006	200 M. BACK		2:08.34 MARCUS MATTIOLI	BRA 2006
54.95 STEVE WOOD	USA 2007	2:11.56 EDUARDO MAROCCHI	BRA 2013	2:10.97 PAUL CARTER	USA 2002
200 M. FREE		2:13.37 RICH SAEGER	USA 2012	2:11.02 WILLIAM SPECHT	USA 2003
1:57.89 KEITH SWITZER	USA 2009	2:15.31 NICOLAS GRANGER	FRA 2013	2:13.69 M.CACCIAMANI	ITA 2011
1:58.41 NICOLAS GRANGER	FRA 2013	2:15.83 CHRIS STEVENSON	USA 2011	2:14.63 MIKE SHAFFER	USA 2012
1:59.34 DENNIS BAKER	USA 2009	2:16.06 PAUL LEMMON	AUS 2012	2:14.96 JIM BELARDI	USA 2002
1:59.37 KAI DITZEL	GER 2008	2:16.78 TAIHEI SAKA	JPN 2009	2:15.24 A.LAVEGLIA	ITA 2012
1:59.56 MARCUS MATTIOLI	BRA 2006	2:17.37 KURT DICKSON	USA 2013	2:16.26 MAURO CAPPELLETTI	ITA 2010
1:59.60 MARCO COLOMBO	ITA 2007	2:17.40 MICHAEL SODERLUND	USA 2010	2:16.41 FRED SCHUSTER	USA 2009
2:00.44 PAUL SMITH	USA 2006	2:18.25 LEN GUSHE	CAN 2008	200 M. I.M.	
2:00.68 EDUARDO MAROCCHI	BRA 2013	2:18.44 STEVE WOOD	USA 2008	2:11.22 NICOLAS GRANGER	FRA 2012
2:00.89 DAN STEPHENSON	USA 2002	50 M. BRST		2:14.90 JEROME FRENTSOS	USA 2010
2:01.25 DANIEL MACHEK	CZE 2006	29.63 RICO ROLLI	ITA 2011	2:16.09 ALBERTO MONTINI	ITA 2013
400 M. FREE		29.70 V.ZAGREBENKO	RUS 2009	2:16.12 DENNIS BAKER	USA 2006
4:09.20 DENNIS BAKER	USA 2008	29.90 JENS LUTSCHIN	GER 2009	2:16.32 TAIHEI SAKA	JPN 2009
4:11.07 KEITH SWITZER	USA 2009	30.08 YOZO FUJII	JPN 2013	2:16.93 LORENZO BENUCCI	USA 2012
4:13.86 NICOLAS GRANGER	FRA 2012	30.11 MAKOTO ONODERA	JPN 2012	2:17.04 PAUL LEMMON	AUS 2012



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

2:17.21 VLASENKO ALEXEI	RUS	2010	9:11.84 BOB BUGG	USA	2009	1:11.59 DOUG MALCOLM	USA	2007
2:18.58 MARCO COLOMBO	ITA	2007	9:13.23 DANIEL MACHEK	CZE	2009	1:11.90 ROBERT STRAND	USA	1998
2:18.61 SERGII FESENKO	UKR	2004	9:13.39 JOSEPH RHYNE	USA	2009	1:11.94 DAVE MILBURN	GBR	2012
400 M. I.M.			9:13.68 MARK DRENNEN	USA	2006	200 M. BRST		
4:44.76 NICOLAS GRANGER	FRA	2012	9:14.23 LORENZO MARUGO	ITA	2004	2:27.91 DAVID GUTHRIE	USA	2013
4:47.65 JEROME FRENTSOS	USA	2010	1500 M. FREE			2:34.70 TIMUR PODMAREV	RUS	2007
4:50.27 MARCUS MATTIOLI	BRA	2008	17:08.33 JIM MCCONICA	USA	2000	2:35.08 LORENZO MARUGO	ITA	2004
4:50.73 DENNIS BAKER	USA	2006	17:34.04 MARCUS MATTIOLI	BRA	2011	2:37.77 DAVE MILBURN	GBR	2012
4:55.83 TAIHEI SAKA	JPN	2010	17:37.54 MICHAEL KLEIBER	GER	2013	2:39.08 RICK COLELLA	USA	2001
4:56.92 PAUL LEMMON	AUS	2012	17:40.70 MARK DRENNEN	USA	2006	2:39.43 PODMAREV TIMUR	RUS	2010
4:57.54 A.TIBERTI	ITA	2008	17:52.24 LORENZO MARUGO	ITA	2004	2:39.51 ANDREA FLORIT	ITA	2010
4:58.10 PATRICK BRUNDAGE	USA	2012	17:57.70 ARNALDO PEREZ	PUR	2013	2:40.03 RICHARD LOCKHART	NZL	2013
4:58.93 VLASENKO ALEXEI	RUS	2010	18:00.54 FRANCIS CHRISTIAN	AUS	2007	2:40.05 WOLFGANG PIRL	GER	2009
4:59.83 DJAN MADRUGA	BRA	2004	18:01.17 BUZZ HARPER	USA	2013	2:40.29 PATRICK ALLENDER	USA	2008
			18:04.63 R TOD SPIEKER	USA	1998	50 M. FLY		
			18:05.24 ANDREW BRAY	USA	2009	25.88 PAUL CARTER	USA	2008
M E N 50-54			50 M. BACK			26.23 TRIP HEDRICK	USA	2004
50 M. FREE			28.02 MARCUS MATTIOLI	BRA	2013	26.56 PAUL SMITH	USA	2009
24.08 BRENT BARNES	JPN	2009	28.60 STEVE WOOD	USA	2011	26.80 RAMON VOLCAN	VEN	2009
24.58 ROWDY GAINES	USA	2009	28.86 CLAY BRITT	USA	2011	26.83 RICK ABBOTT	USA	2008
24.60 RICHARD ABRAHAMS	USA	1998	29.39 BRYAN JENNINGS	USA	2013	27.04 ANDERS RASMUSSEN	USA	2013
24.88 RICK ABBOTT	USA	2008	29.43 JAMIE FOWLER	USA	2009	27.10 HUGO BREGMAN	NED	2009
24.89 JACK GROSELLE	USA	2004	29.51 MINAKOV'S VALERIJS	LAT	2010	27.12 STEVE WOOD	USA	2012
24.94 TRIP HEDRICK	USA	2006	29.54 ANDERS RASMUSSEN	USA	2013	27.12 JOHN FIELDS	USA	2007
25.03 GARY SCHATZ	USA	2005	29.63 RAMON VOLCAN	VEN	2009	27.13 RICHARD ABRAHAMS	USA	1998
25.21 PAUL SMITH	USA	2009	29.70 CRAIG NORREY	SUI	2012	100 M. FLY		
25.25 STEVE WOOD	USA	2011	29.81 TOM WOLF	USA	2004	57.23 PAUL CARTER	USA	2008
25.29 MICHAEL SODERLUND	USA	2012	100 M. BACK			59.49 TRIP HEDRICK	USA	2004
100 M. FREE			1:01.88 STEVE WOOD	USA	2011	59.67 HUGO BREGMAN	NED	2009
54.61 ROWDY GAINES	JPN	2011	1:02.93 JAMIE FOWLER	USA	2009	59.87 MARCUS MATTIOLI	BRA	2010
54.93 JACK GROSELLE	USA	2004	1:03.44 MINAKOV'S VALERIJS	LAT	2010	1:00.55 WILLIAM SPECHT	USA	2009
54.94 BOB BUGG	USA	2009	1:03.83 MICHAEL SODERLUND	USA	2012	1:01.43 JOHN VAN BUUREN	CAN	2004
55.11 DAN STEPHENSON	USA	2007	1:03.92 BRYAN JENNINGS	USA	2013	1:01.63 PAUL BLACKBEARD	RSA	2008
55.13 RICK ABBOTT	USA	2008	1:04.58 ANDERS RASMUSSEN	USA	2013	1:01.64 JOHN PHILLIPS	USA	2009
55.38 TRIP HEDRICK	USA	2006	1:04.70 GIANNI BERTOLI	ITA	2009	1:01.79 GREG SHAW	USA	2003
55.42 PAUL SMITH	USA	2009	1:04.83 TOM WOLF	USA	2004	1:01.93 JOHN MCCALL	USA	2003
55.49 STEVE WOOD	USA	2012	1:04.96 CRAIG NORREY	SUI	2012	200 M. FLY		
55.93 DAVID BOATWRIGHT	USA	2012	1:05.02 RICK ABBOTT	USA	2008	2:13.39 MARCUS MATTIOLI	BRA	2010
55.97 MICHAEL SODERLUND	USA	2012	200 M. BACK			2:13.80 DENNIS BAKER	USA	2011
200 M. FREE			2:17.57 MICHAEL SODERLUND	USA	2012	2:15.06 HUGO BREGMAN	NED	2009
			2:17.74 JAMIE FOWLER	USA	2009	2:18.57 PAUL CARTER	USA	2008
2:00.34 DAN STEPHENSON	USA	2007	2:20.51 TOM WOLF	USA	2004	2:19.16 FRANCIS CHRISTIAN	AUS	2008
2:01.40 BOB BUGG	USA	2009	2:20.53 BRYAN JENNINGS	USA	2013	2:19.35 JOSEPH RHYNE	USA	2009
2:02.14 MARCUS MATTIOLI	BRA	2012	2:21.11 LEN GUSHE	CAN	2013	2:20.46 WILLIAM SPECHT	USA	2009
2:02.16 KEITH SWITZER	USA	2013	2:21.85 DJAN MADRUGA	BRA	2010	2:21.28 ARNALDO PEREZ	PUR	2012
2:02.50 JIM MCCONICA	USA	2000	2:22.26 SCOTT SHAKE	USA	2009	2:21.40 SCOTT LAUTMAN	USA	2004
2:03.51 ROWDY GAINES	JPN	2010	2:22.55 STEVE WOOD	USA	2011	2:22.29 LAWRENCE DAY	USA	2001
2:03.66 JACK GROSELLE	USA	2004	2:22.62 WIESLAW MUSIAL	CAN	2008	200 M. I.M.		
2:03.95 MICHAEL SODERLUND	USA	2012	2:23.16 DARREN PHELAN	USA	2013	2:18.05 JAMIE FOWLER	USA	2009
2:04.34 DANIEL MACHEK	CZE	2009	50 M. BRST			2:19.45 DARREN PHELAN	USA	2013
2:05.01 EDGARS OZOLINS	LAT	2009	30.48 DAVID GUTHRIE	USA	2013	2:19.79 MARCUS MATTIOLI	BRA	2010
400 M. FREE			30.88 RICHARD SCHROEDER	USA	2012	2:20.02 MICHAEL MANN	USA	2008
4:16.61 DAN STEPHENSON	USA	2007	30.97 OLIVIER BORIOS	FRA	2009	2:20.99 KEN SHILLING	USA	2008
4:19.47 JIM MCCONICA	USA	2000	30.97 GARY PATTERSON	USA	2009	2:21.77 DENNIS BAKER	USA	2013
4:20.27 MARCUS MATTIOLI	BRA	2010	31.37 DOUG MALCOLM	USA	2007	2:22.41 ANDERS RASMUSSEN	USA	2013
4:20.71 BOB BUGG	USA	2009	31.49 STUART MOFFATT	AUS	2013	2:23.06 LORENZO MARUGO	ITA	2004
4:22.79 JOSEPH RHYNE	USA	2009	31.50 GLEN CHRISTIANSEN	SWE	2009	2:23.45 RICK COLELLA	USA	2001
4:24.31 DANIEL MACHEK	CZE	2009	31.64 ANDREA FLORIT	ITA	2010	2:23.86 JACK GROSELLE	USA	2005
4:24.41 FRANCIS CHRISTIAN	AUS	2008	31.96 RONNY OLTNER	SWE	2007	400 M. I.M.		
4:24.57 DARREN PHELAN	USA	2013	32.01 LORENZO MERLI	ITA	2009	4:53.69 MARCUS MATTIOLI	BRA	2010
4:27.07 MARK DRENNEN	USA	2006	100 M. BRST			4:57.93 DARREN PHELAN	USA	2013
4:27.73 MICHAEL KLEIBER	GER	2013	1:07.16 DAVID GUTHRIE	USA	2013	5:02.51 DENNIS BAKER	USA	2013
800 M. FREE			1:09.23 RICHARD SCHROEDER	USA	2012	5:03.27 LORENZO MARUGO	ITA	2004
8:55.05 MARCUS MATTIOLI	BRA	2010	1:09.36 GARY PATTERSON	USA	2009	5:03.76 DJAN MADRUGA	BRA	2010
9:00.39 KEITH SWITZER	USA	2013	1:10.09 GLEN CHRISTIANSEN	SWE	2009	5:04.32 JAMIE FOWLER	USA	2009
9:03.84 JIM MC CONICA	USA	2001	1:11.45 ANDREA FLORIT	ITA	2010	5:05.82 RICK COLELLA	USA	2001
9:06.61 DAN STEPHENSON	USA	2007	1:11.49 JACK GROSELLE	USA	2004	5:06.60 HUGO BREGMAN	NED	2009
9:11.16 MICHAEL KLEIBER	GER	2013	1:11.55 TIMUR PODMAREV	RUS	2007	5:07.22 LEN GUSHE	CAN	2013



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

5:07.51 ANDERS RASMUSSEN	USA 2013	18:41.34 BRUCE THOMAS	USA 2013	2:46.31 ROBERT STRAND	USA 2001
		18:42.92 MARK DRENNEN	USA 2011	50 M. FLY	
*****	*****	18:43.42 LARRY WOOD	USA 2009	26.86 GARY HALL	USA 2009
M E N 55-59		50 M. BACK		27.08 GREG SHAW	USA 2007
*****	*****	29.01 CARLOS SILVA	BRA 2013	27.31 PAUL CARTER	USA 2012
50 M. FREE		30.01 TOM BARTON	USA 2011	27.43 RICHARD ABRAHAMS	USA 2002
25.01 JACK GROSELLE	USA 2009	30.09 GARY HALL	USA 2009	27.47 HUGO BREGMAN	NED 2013
25.31 MIKE TENNANT	USA 2008	30.48 ANDRE STEYNBERG	RSA 2012	27.49 DAVID HAGUE	USA 2009
25.53 RICHARD ABRAHAMS	USA 2002	30.56 VLADIMIR OSIPOV	UKR 2013	27.64 DOUG MARTIN	USA 2009
25.59 DOUG MARTIN	USA 2009	30.78 HUGH WILDER	USA 2004	27.77 TRIP HEDRICK	USA 2012
25.74 PAUL TREVISAN	USA 2006	30.79 ALISTAIR COCKBURN	USA 2008	27.80 STEVE BOROWSKI	USA 2003
25.98 BARRY ROTH	USA 2009	30.83 PHILIPP DJANG	USA 2009	27.98 IGOR KRAVKOV	ISR 2013
25.99 LEONARD BIELICZ	SWE 2007	30.90 JONATHAN KLEIN	USA 2012	100 M. FLY	
26.00 JOHN FIELDS	USA 2012	31.04 RAMON VOLCAN	VEN 2013	1:00.56 PAUL CARTER	USA 2012
26.04 TERRY DOWNES	RSA 2004	100 M. BACK		1:01.05 GREG SHAW	USA 2006
26.11 STEVE BOROWSKI	USA 2002	1:05.46 TOM BARTON	USA 2011	1:01.29 HUGO BREGMAN	NED 2013
100 M. FREE		1:06.14 GARY HALL	USA 2009	1:01.83 BRAD HORNER	USA 2009
56.08 JACK GROSELLE	USA 2009	1:07.29 TIMOTHY SHEAD	RSA 2008	1:03.24 LEONARD BIELICZ	SWE 2006
57.08 MICHAEL MANN	USA 2009	1:07.48 JONATHAN KLEIN	USA 2012	1:03.33 BOB BUGG	USA 2012
57.60 BRAD HORNER	USA 2009	1:07.81 HUGH WILDER	USA 2002	1:03.38 JIM SAUER	USA 2013
57.76 BOB BUGG	USA 2012	1:07.91 SCOTT SHAKE	USA 2013	1:03.90 RICHARD ABRAHAMS	USA 2000
57.83 CHARLES LEMAISTRE	USA 2009	1:08.20 WES EDWARDS	USA 2008	1:03.92 PAUL BLACKBEARD	AUS 2013
57.85 ALEXANDER MILLS	NOR 2006	1:08.21 PHILIPP DJANG	USA 2009	1:03.95 SCOTT LAUTMAN	USA 2008
57.94 DAN STEPHENSON	USA 2013	1:08.27 IGOR KRAVKOV	ISR 2013	200 M. FLY	
58.07 PAUL TREVISAN	USA 2006	1:08.31 VLADIMIR GORKOV	RUS 2013	2:18.97 BRAD HORNER	USA 2009
58.11 PAUL BLACKBEARD	AUS 2013	200 M. BACK		2:19.18 HUGO BREGMAN	NED 2013
58.15 DOUG MARTIN	USA 2009	2:23.84 TOM BARTON	USA 2011	2:25.35 GREG SHAW	USA 2006
200 M. FREE		2:25.89 JIM MC CONICA	USA 2005	2:26.37 SCOTT LAUTMAN	USA 2008
2:04.01 MICHAEL MANN	USA 2009	2:27.49 FRED FERROGGIARO	USA 2008	2:26.76 PAUL BLACKBEARD	AUS 2013
2:05.82 JACK GROSELLE	USA 2009	2:27.99 SCOTT SHAKE	USA 2013	2:27.22 JOHN MARCH	AUS 2008
2:06.26 DAN STEPHENSON	USA 2012	2:28.85 WIESLAW MUSIAL	CAN 2012	2:27.59 FRANCIS CHRISTIAN	AUS 2012
2:08.03 JIM MC CONICA	USA 2005	2:29.06 HUGO BREGMAN	NED 2013	2:27.62 JIM SAUER	USA 2013
2:08.40 BOB BUGG	USA 2012	2:29.60 JOHN MARCH	AUS 2008	2:28.62 JIM MC CONICA	USA 2006
2:08.59 PAUL BLACKBEARD	AUS 2013	2:29.67 WES EDWARDS	USA 2008	2:29.50 WILLIAM SPECHT	USA 2013
2:08.65 JAMES RITTER	USA 2013	2:29.84 JIM SAUER	USA 2013	200 M. I.M.	
2:08.67 BRAD HORNER	USA 2009	2:29.89 JOE DUNN	USA 2013	2:20.83 MICHAEL MANN	USA 2009
2:09.25 PHIL DODSON	USA 2008	50 M. BRST		2:24.12 RICK COLELLA	USA 2008
2:09.54 BILL DEVENISH	AUS 2008	31.05 WALTER KUSCH	GER 2009	2:24.16 TIMOTHY SHEAD	RSA 2008
400 M. FREE		32.07 TIMOTHY SHEAD	RSA 2008	2:24.99 JIM SAUER	USA 2013
4:22.49 MICHAEL MANN	USA 2009	32.23 GLEN CHRISTIANSEN	SWE 2012	2:25.49 HUGO BREGMAN	NED 2013
4:25.34 JIM MC CONICA	USA 2005	32.44 JACK GROSELLE	USA 2009	2:27.18 PAUL CARTER	USA 2012
4:32.87 DAN STEPHENSON	USA 2012	32.72 STUART ELLICOTT	AUS 2009	2:27.60 GREG SHAW	USA 2006
4:33.42 STEVE PRESCOTT	NZL 2009	32.74 RANDY PARKER	USA 2009	2:27.92 ALEXANDER MILLS	NOR 2006
4:37.94 J.CHATARD	FRA 2006	32.92 G.HOFFMANN	USA 2011	2:28.12 JACK GROSELLE	USA 2009
4:38.19 BOB BUGG	USA 2012	33.03 ALEXANDER MILLS	NOR 2006	2:29.02 JIM MC CONICA	USA 2005
4:38.81 R TOD SPIEKER	USA 2003	33.03 HIROSHI KOTEGAWA	JPN 1993	400 M. I.M.	
4:39.18 MARTEN DE GROOT	NED 2013	33.32 ROBERT STRAND	USA 2002	5:04.07 MICHAEL MANN	USA 2009
4:39.19 BILL DEVENISH	AUS 2008	100 M. BRST		5:11.50 JIM SAUER	USA 2013
4:39.38 MARCO BRAVI	ITA 2012	1:11.13 TIMOTHY SHEAD	RSA 2008	5:17.10 JIM MC CONICA	USA 2005
800 M. FREE		1:12.85 WALTER KUSCH	GER 2009	5:21.92 DJAN MADRUGA	BRA 2013
9:00.09 MICHAEL MANN	USA 2009	1:12.87 G.HOFFMANN	USA 2011	5:26.08 ANDREAS SEIBT	USA 2013
9:06.86 JIM MC CONICA	USA 2006	1:13.11 JACK GROSELLE	USA 2009	5:26.63 JOHN CALVERT	USA 2000
9:22.02 STEVE PRESCOTT	NZL 2009	1:13.37 TIMUR PODMARYOV	RUS 2012	5:26.70 DAN STEPHENSON	USA 2012
9:32.37 DAN STEPHENSON	USA 2013	1:13.42 GLEN CHRISTIANSEN	SWE 2012	5:27.46 MARC JOUANDON	FRA 2012
9:35.87 TODD BRYAN	USA 2006	1:14.21 RANDY PARKER	USA 2009	5:27.57 RONALD ARMSTRONG	CAN 2006
9:37.49 J.CHATARD	FRA 2006	1:14.30 RICK COLELLA	USA 2008	5:27.62 FRANKLIN HALLEY	USA 2012
9:38.61 SCOTT SHAKE	USA 2013	1:14.47 RALPH SCHALLON	SUI 2009		
9:40.68 R TOD SPIEKER	USA 2003	1:14.76 PATRICK ALLENDER	USA 2013	*****	
9:42.16 R SCOTT TOWNSEND	USA 2009	200 M. BRST		M E N 60-64	
9:42.53 SERGE GUERIN	FRA 2012	2:38.66 RICK COLELLA	USA 2008	*****	
1500 M. FREE		2:39.28 TIMUR PODMARYOV	RUS 2012	50 M. FREE	
17:22.61 MICHAEL MANN	USA 2009	2:41.54 TIMOTHY SHEAD	RSA 2008	25.23 RICHARD ABRAHAMS	USA 2006
17:40.10 JIM MC CONICA	USA 2005	2:42.40 PATRICK ALLENDER	USA 2013	25.85 VINCENZO DE SIO	ITA 2008
18:19.49 STEVE PRESCOTT	NZL 2009	2:42.88 G.HOFFMANN	USA 2011	25.86 DOUG MARTIN	USA 2013
18:21.59 MARC JOUANDON	FRA 2012	2:43.68 GLEN CHRISTIANSEN	SWE 2012	26.35 PAUL TREVISAN	USA 2013
18:27.25 SCOTT SHAKE	USA 2013	2:44.22 RALPH SCHALLON	SUI 2009	26.70 JEFF FARRELL	USA 1998
18:33.99 GLENN CARLSEN	CAN 2013	2:45.61 PETER KAUCH	GER 2012	26.75 MARC MIDDLETON	USA 2012
18:35.85 J.CHATARD	FRA 2006	2:45.87 LORENZO MARUGO	ITA 2007	26.78 LEONARD BIELICZ	SWE 2012



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

26.94	JAMES ELDER	USA	2006	32.66	PETER O'BRIEN	CAN	2009	100	M.	FLY	
27.02	JAMES DE LACY	USA	2006	32.66	TIM BIRNIE	USA	2006	1:03.03	RICHARD ABRAHAMS	USA	2005
27.04	THOMAS WHATLEY	USA	2012	100	M.	BACK		1:03.98	FRED SCHLICHER	USA	2008
100	M.	FREE		1:08.77	HUGH WILDER	USA	2007	1:05.82	LAWRENCE DAY	USA	2011
58.61	RICHARD ABRAHAMS	USA	2005	1:10.45	BRUCE WILLIAMS	USA	2013	1:06.03	KEVIN MCCORMACK	USA	2013
59.66	DOUG MARTIN	USA	2013	1:11.18	TIMOTHY SHEAD	USA	2012	1:06.63	ROBERT POILETMAN	USA	2003
59.66	JAMES DE LACY	USA	2006	1:11.48	FRED FERROGGIARO	USA	2013	1:06.65	JOEL BURNS	USA	2009
59.78	BRUCE WILLIAMS	USA	2013	1:11.52	WES EDWARDS	USA	2013	1:07.15	GREG SHAW	USA	2012
1:00.11	JEFF FARRELL	USA	1998	1:11.66	JEFFREY PEROUT	USA	2013	1:07.36	SCOTT LAUTMAN	USA	2012
1:00.15	PAUL TREVISON	USA	2013	1:11.89	RICHARD BURNS	USA	2006	1:07.48	LEONARD BIELICZ	SWE	2012
1:00.27	DAVID QUIGGIN	USA	2004	1:11.94	PETER O'BRIEN	CAN	2009	1:07.98	SHIGEO ASANO	JPN	2008
1:00.71	TERRY DOWNES	RSA	2009	1:12.21	ALAIN VANACKER	FRA	2013	200	M.	FLY	
1:00.96	LEONARD BIELICZ	SWE	2012	1:12.25	YURY CHIRKOV	RUS	2009	2:29.05	LAWRENCE DAY	USA	2011
1:01.02	GRAHAM CROFT	AUS	2008	200	M.	BACK		2:31.58	FRED SCHLICHER	USA	2008
200	M.	FREE		2:33.09	FRED FERROGGIARO	USA	2013	2:33.72	ROBERT POILETMAN	USA	2003
2:12.57	JIM MC CONICA	USA	2010	2:33.94	JIM MC CONICA	USA	2012	2:35.33	SCOTT LAUTMAN	USA	2012
2:12.69	FRED SCHLICHER	USA	2008	2:34.00	TIMOTHY SHEAD	RSA	2012	2:40.12	JEAN LESTIDEAU	FRA	2008
2:13.32	JAMES DE LACY	USA	2006	2:37.20	STEVEN HECK	USA	2009	2:42.39	PHIL DODSON	USA	2013
2:13.94	GRAHAM CROFT	AUS	2008	2:37.55	ROBERT WEYHENKE	NED	2012	2:43.98	JEAN-MARIE CADIAT	BEL	2013
2:14.52	LARRY KRAUSER	USA	2013	2:39.01	JOHN CALVERT	USA	2006	2:44.60	GEORGE JACOBSON	CAN	2012
2:15.35	DUNCAN MCCREADIE	FRA	2006	2:39.36	PETER O'BRIEN	CAN	2009	2:44.65	IAN YOUNG	AUS	2013
2:17.01	TERRY DOWNES	RSA	2009	2:39.50	BARRY YOUNG	NZL	2002	2:45.28	KOJI IWAMOTO	JPN	2002
2:17.43	TOM LANDIS	USA	2002	2:39.96	FRANK LORGE	USA	2010	200	M.	I.M.	
2:17.53	JAMES THORNTON	USA	2012	2:40.07	DIEGO ROJAS	ESP	2013	2:23.10	RICK COLELLA	USA	2013
2:18.14	SCOTT TOWNSEND	USA	2013	50	M.	BRST		2:30.05	TIMOTHY SHEAD	USA	2012
400	M.	FREE		32.80	STUART ELЛИCOTT	AUS	2012	2:30.72	FRED SCHLICHER	USA	2008
4:40.00	JIM MC CONICA	USA	2012	32.87	TIMOTHY SHEAD	USA	2012	2:32.63	TIM BRODERICK	USA	2011
4:48.25	GRAHAM CROFT	AUS	2008	33.41	ROBERT STRAND	USA	2008	2:32.65	LAWRENCE DAY	USA	2011
4:49.83	GEORGE WENDT	USA	2008	33.96	RICK COLELLA	USA	2013	2:34.23	ROBERT WEYHENKE	NED	2012
4:51.23	DUNCAN MCCREADIE	GBR	2005	34.25	C. STARZEC	FRA	2011	2:34.86	STEVEN HECK	USA	2009
4:51.99	M. CAFFERY	USA	2013	34.28	TOSHIHARU FUJII	JPN	2010	2:35.15	LORENZO MARUGO	ITA	2012
4:52.10	RICK WALKER	USA	2010	34.35	DIETER HOEFEL	GER	2009	2:36.07	JOHN CALVERT	USA	2006
4:52.88	LORENZO MARUGO	ITA	2012	34.36	ROBERT WRIGHT	USA	2011	2:36.60	JIM CLEMMONS	USA	2010
4:54.79	CHRIS DUNN	GBR	2006	34.42	PETER ANDERSEN	USA	2003	400	M.	I.M.	
4:55.64	FRANK MCELROY	USA	2009	34.59	AKIO SUGIYAMA	JPN	1995	5:11.73	RICK COLELLA	USA	2012
4:56.82	DIEGO ROJAS	ESP	2013	100	M.	BRST		5:28.25	LAWRENCE DAY	USA	2011
800	M.	FREE		1:13.38	RICK COLELLA	USA	2013	5:29.55	LORENZO MARUGO	ITA	2012
9:35.50	JIM MC CONICA	USA	2012	1:14.14	TIMOTHY SHEAD	USA	2012	5:30.46	TIMOTHY SHEAD	USA	2012
9:55.71	LORENZO MARUGO	ITA	2012	1:15.42	ROBERT STRAND	USA	2008	5:30.99	FRED SCHLICHER	USA	2008
9:59.99	SCOTT TOWNSEND	USA	2013	1:15.50	STUART ELlichott	AUS	2012	5:37.64	JIM CLEMMONS	USA	2010
10:01.23	M. CAFFERY	USA	2013	1:16.53	TOSHIHARU FUJII	JPN	2010	5:40.42	J. LESTIDEAU	FRA	2007
10:02.40	DUNCAN MCCREADIE	GBR	2005	1:16.83	ALLEN STARK	USA	2009	5:41.07	JOHN CALVERT	USA	2006
10:06.75	SANDY GALLETTY	GBR	2002	1:17.27	ROBERT WRIGHT	USA	2010	5:43.77	GEORGE WENDT	USA	2008
10:06.76	RICK WALKER	USA	2010	1:17.50	KENNETH FROST	USA	2007	5:46.05	DUNCAN MCCREADIE	GBR	2005
10:06.94	GRAHAM CROFT	AUS	2008	1:18.18	GRAHAM PEARSON	GBR	2013				
10:09.12	JOHN CALVERT	USA	2006	1:18.28	ALBERT KOSTITSYN	FIN	2002	*****			
10:12.12	BEN VAN DYKE	NZL	2010	200	M.	BRST		M	E	N	65-69
1500	M.	FREE		2:42.84	RICK COLELLA	USA	2012	*****			
18:12.09	JIM MC CONICA	USA	2010	2:45.67	LORENZO MARUGO	ITA	2012	50	M.	FREE	
19:01.70	SCOTT TOWNSEND	USA	2013	2:45.71	TIMOTHY SHEAD	USA	2012	26.33	RICHARD ABRAHAMS	USA	2010
19:06.93	M. CAFFERY	USA	2013	2:50.44	ALLEN STARK	USA	2011	27.15	JEFF FARRELL	USA	2002
19:07.93	GEORGE WENDT	USA	2008	2:50.77	ROBERT STRAND	USA	2008	27.31	VINUS VAN BAALEN	USA	2007
19:16.50	BEN VAN DYKE	NZL	2010	2:51.07	ROBERT WRIGHT	USA	2011	27.37	KEEFE LODWIG	USA	2008
19:25.68	SANDY GALLETTY	GBR	2002	2:52.51	TOSHIHARU FUJII	JPN	2010	27.50	IAN SMITH	CAN	2009
19:26.67	DUNCAN MCCREADIE	GBR	2005	2:53.17	JIM CLEMMONS	USA	2010	27.60	DAVID QUIGGIN	USA	2009
19:28.84	LARRY KRAUSER	USA	2013	2:53.69	GRAHAM PEARSON	GBR	2013	27.63	JAMES ELDER	USA	2008
19:31.94	RICK WALKER	USA	2013	2:55.26	GERSHON SHEFA	ISR	2004	27.65	ROBERT SMITH	USA	2008
19:40.20	VITTORIO ERMIRIO	ITA	2002	50	M.	FLY		27.67	BRYAN BATEMAN	USA	2012
50	M.	BACK		27.92	RICHARD ABRAHAMS	USA	2005	27.78	LEE CHILDS	USA	2013
31.46	HUGH WILDER	USA	2007	28.55	DINO BERNARDI	ITA	2008	100	M.	FREE	
31.77	MARC MIDDLETON	USA	2011	28.69	GREG SHAW	USA	2012	1:00.38	RICHARD ABRAHAMS	USA	2010
32.11	RICHARD BURNS	USA	2003	28.76	DOUG MARTIN	USA	2013	1:01.05	DAVID QUIGGIN	USA	2009
32.20	TIMOTHY SHEAD	USA	2012	28.79	JOEL BURNS	USA	2007	1:01.30	KEEFE LODWIG	USA	2009
32.41	JEFFREY PEROUT	USA	2013	28.83	LAWRENCE DAY	USA	2011	1:02.33	LEE CHILDS	USA	2013
32.44	BRUCE WILLIAMS	USA	2013	28.87	MARC MIDDLETON	USA	2011	1:02.62	TOM LANDIS	USA	2008
32.55	STEVEN HECK	USA	2009	28.97	JIM DRAGON	USA	2006	1:02.79	JEFF FARRELL	USA	2002
32.58	YURY CHIRKOV	RUS	2009	29.02	KEVIN MCCORMACK	USA	2013	1:02.81	IAN SMITH	CAN	2009
32.62	TAKEO HIRAMOTO	JPN	2012	29.20	DON MEHL	USA	2012	1:02.84	JAMES ELDER	USA	2008



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

1:02.93 CAV CAVANAUGH	USA 2001	200 M. BACK			2:47.60 DEREK PARR	GBR 2009
1:02.94 HUGH WILDER	USA 2012	2:40.95 BERND HORSTMANN	GER 2008		2:50.18 ROBERT POILETMAN	USA 2009
200 M. FREE		2:41.76 RICHARD BURNS	USA 2009		2:51.07 BARRY YOUNG	NZL 2004
2:18.53 TOM LANDIS	USA 2008	2:42.96 JOZSEF CSIKANY	HUN 2008		2:51.83 J.LESTIDEAU	FRA 2012
2:20.37 DAVID QUIGGIN	USA 2009	2:44.37 HUGH WILDER	USA 2012		2:52.19 FRED BAIRD	USA 2013
2:21.74 ROBERTO ALBERICHE	ESP 1996	2:50.44 MIKLOS KOVATS	HUN 2005		2:54.46 RUDOLF SMERDA	CZE 2008
2:22.18 GRAHAM JOHNSTON	USA 1996	2:50.85 JOHN CALVERT	USA 2012		2:55.11 FRANK MCELROY	USA 2013
2:22.26 KEEFE LODWIG	USA 2009	2:51.11 RICHARD TODD	USA 2007		2:56.00 GUNTER SCHOPKE	GER 2005
2:22.51 RICHARD BURNS	USA 2009	2:51.19 S.SEKIKAWA	JPN 1998		2:56.08 JOACHIM HINTZE	GER 2008
2:22.71 GRAHAM CROFT	AUS 2013	2:52.29 JOE REID	USA 2013		2:56.40 GABOR CSABA	HUN 2012
2:22.72 CHRIS DUNN	GBR 2012	2:52.34 MICHAEL MCCOLLY	USA 2010	200 M. I.M.		
2:22.90 JEFF FARRELL	USA 2002	2:52.34 LUIZ FIGUEIREDO	BRA 2006		2:43.37 RICHARD BURNS	USA 2009
2:23.84 CAV CAVANAUGH	USA 2001	50 M. BRST			2:44.41 LEE CHILDS	USA 2013
400 M. FREE		34.61 OSAMU MAEDA	JPN 2009		2:44.44 GERSHON SHEFA	ISR 2008
5:00.26 TOM LANDIS	USA 2007	34.66 ROBERT STRAND	USA 2012		2:45.17 BARRY YOUNG	NZL 2004
5:01.81 FABRIZIO MOMONI	ITA 2003	35.00 KENNETH FROST	USA 2009		2:45.64 J.LESTIDEAU	FRA 2011
5:03.36 GRAHAM JOHNSTON	USA 1996	35.30 JIM DRAGON	USA 2009		2:45.64 BERND HORSTMANN	GER 2009
5:03.77 CHRIS DUNN	GBR 2011	35.56 YOSHIHIKO OSAKI	JPN 2004		2:48.63 TOM LANDIS	USA 2007
5:05.59 FRANK MCCELROY	USA 2013	35.60 PETER ANDERSEN	USA 2009		2:49.61 KOJI IWAMOTO	JPN 2009
5:06.57 DAVID QUIGGIN	USA 2009	35.91 DAVID GILDEA	USA 2009		2:49.70 JOHN CALVERT	USA 2012
5:07.62 ROBERTO ALBERICHE	ESP 1996	36.20 YOSHITADA MAEDA	JPN 2011		2:49.71 ROBERTO ALBERICHE	ESP 1996
5:07.64 GEORGE WENDT	USA 2012	36.25 DIETER HOEFEL	GER 2010	400 M. I.M.		
5:08.35 JOEL WILSON	USA 2013	36.30 RICHARD TODD	USA 2008		5:52.50 GEORGE WENDT	USA 2012
5:08.44 DON DAVIS	USA 2009	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	1:18.87 ROBERT STRAND	USA 2012		6:01.74 FRANK MCCELROY	USA 2013
10:26.60 FABRIZIO MOMONI	ITA 2003	1:19.89 DAVID GILDEA	USA 2009		6:03.31 TOM LANDIS	USA 2007
10:29.26 GRAHAM JOHNSTON	USA 1997	1:21.25 OSAMU MAEDA	JPN 2009		6:04.24 J.LESTIDEAU	FRA 2012
10:37.17 FRANK MCCELROY	USA 2013	1:21.75 GERSHON SHEFA	ISR 2008		6:05.15 ROBERTO ALBERICHE	ESP 1996
10:41.86 CHRIS DUNN	GBR 2013	1:22.37 DIETER HOEFEL	GER 2010		6:08.44 GRAHAM JOHNSTON	USA 1996
10:43.53 GRAHAM CROFT	AUS 2013	1:22.79 HISASHI DOI	JPN 2013		6:11.64 RICHARD BURNS	USA 2009
10:47.48 GEORGE WENDT	USA 2012	1:22.82 RICHARD TODD	USA 2008		6:11.78 MIKE FRESHLEY	USA 2006
10:50.84 DAVID HARRISON	USA 2002	1:22.86 SEIKO OKAZAKI	JPN 2011		*****	
10:50.86 DON DAVIS	USA 2009	1:22.89 ALBERT KOSTITSYN	FIN 2007		M E N 70-74	
10:51.42 CARLOS CANEPA	PER 2008	200 M. BRST			*****	
1500 M. FREE		2:58.13 ROBERT STRAND	USA 2012		*****	
20:00.97 TOM LANDIS	USA 2008	2:59.54 KENNETH FROST	USA 2009	50 M. FREE		
20:04.28 GEORGE WENDT	USA 2012	2:59.99 GERSHON SHEFA	ISR 2008		28.35 IAN SMITH	CAN 2011
20:08.74 FABRIZIO MOMONI	ITA 2004	3:02.13 MICHAEL MOLONEY	AUS 2004		28.46 WOLFRAM GOTTFRIED	GER 2004
20:16.54 GRAHAM JOHNSTON	USA 1996	3:02.85 RICHARD TODD	USA 2008		28.53 JEFF FARRELL	USA 2007
20:23.74 CHRIS DUNN	GBR 2012	3:04.10 YOSHIAKI AOKI	JPN 2005		28.55 JAMES ELDER	USA 2013
20:27.72 VICTOR PAUL	AUS 2009	3:04.40 NORIAKI TSUJI	JPN 2011		28.65 CAV CAVANAUGH	USA 2005
20:29.63 JOEL WILSON	USA 2013	3:05.48 GEORGE WENDT	USA 2012		28.66 RONALD JOHNSON	USA 2001
20:40.69 J.LESTIDEAU	FRA 2012	3:06.08 THOMAS WALKER	GBR 2002		28.85 PETER BERGENGREN	SWE 2008
20:57.57 GRAHAM CROFT	AUS 2013	3:06.44 DAVID GILDEA	USA 2009		28.94 B.SCHLURIKE	GER 1991
20:58.00 JOACHIM HINTZE	GER 2008	50 M. FLY			29.19 KEEFE LODWIG	USA 2013
50 M. BACK		28.54 JOSEP CLARET	ESP 2009		29.25 RICHARD BURNS	USA 2013
30.95 HUGH WILDER	USA 2012	28.68 KEEFE LODWIG	USA 2008	100 M. FREE		
32.19 RICHARD BURNS	USA 2009	28.69 JIM DRAGON	USA 2009		1:04.85 RICHARD BURNS	USA 2013
33.50 BERND HORSTMANN	GER 2008	29.25 RICHARD ABRAHAMS	USA 2010		1:05.40 CAV CAVANAUGH	USA 2005
33.54 YOSHI OYAKAWA	USA 1999	30.13 ROBERT OLSON	USA 2009		1:05.81 WOLFRAM GOTTFRIED	GER 2002
33.58 VINUS VAN BAALEN	USA 2007	30.23 BORIS RUZHITSKY	RUS 2009		1:05.86 KEEFE LODWIG	USA 2013
33.72 JOZSEF CSIKANY	HUN 2008	30.33 TOMOYASU IIIDA	JPN 2006		1:06.18 RONALD JOHNSON	USA 2001
33.87 ROBERT SMITH	USA 2008	30.49 LEE CHILDS	USA 2013		1:06.27 IAN SMITH	CAN 2011
34.07 LUIZ FIGUEIREDO	BRA 2007	30.51 DAVID QUIGGIN	USA 2009		1:06.30 RUDOLF SMERDA	CZE 2013
34.17 J.LESTIDEAU	FRA 2011	30.53 BERND SCHRODER	GER 2009		1:06.38 JAMES ELDER	USA 2013
34.38 ALEXANDER KRYUKOV	RUS 2009	100 M. FLY			1:06.47 DAVID RADCLIFF	USA 2005
100 M. BACK		1:07.34 RICHARD ABRAHAMS	USA 2010		1:06.61 AKIRA FUJIMAKI	JPN 2013
1:09.79 HUGH WILDER	USA 2012	1:07.78 JOSEP CLARET	ESP 2009	200 M. FREE		
1:11.32 RICHARD BURNS	USA 2009	1:09.60 ROBERT POILETMAN	USA 2009		2:26.20 DAVID RADCLIFF	USA 2008
1:13.82 BERND HORSTMANN	GER 2009	1:09.98 FRED BAIRD	USA 2013		2:27.83 RICHARD BURNS	USA 2013
1:14.96 JOZSEF CSIKANY	HUN 2009	1:10.22 BORIS RUZHITSKY	RUS 2009		2:28.37 CAV CAVANAUGH	USA 2005
1:15.69 LUIZ FIGUEIREDO	BRA 2006	1:10.80 DEREK PARR	GBR 2009		2:28.42 TOM LANDIS	USA 2012
1:16.76 DIETER SEIFERT	GER 2013	1:12.78 BARRY YOUNG	NZL 2004		2:29.15 KEEFE LODWIG	USA 2013
1:16.78 YOSHI OYAKAWA	USA 1999	1:12.93 TOMOYASU IIIDA	JPN 2006		2:29.45 GRAHAM JOHNSTON	USA 2001
1:17.23 BARRY YOUNG	NZL 2006	1:13.11 BERND SCHRODER	GER 2009		2:30.11 KARL-LUDWIG REHN	GER 2010
1:17.36 MIKLOS KOVATS	HUN 2005	1:13.19 AKIRA TAKAKURA	JPN 2006		2:31.76 MASATO YOSHINO	JPN 2010
1:17.47 ALEXANDER KRYUKOV	RUS 2009	200 M. FLY			2:32.48 DAVID HARRISON	USA 2007



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

2:32.49 JOHN CRISP	AUS 2005	37.23 YOSHIHIKO OSAKI	JPN 2009	2:55.13 RICHARD BURNS	USA 2013
400 M. FREE		37.47 KARL WIEDAMANN	USA 2008	2:56.72 TOM LANDIS	USA 2012
5:12.05 GRAHAM JOHNSTON	USA 2001	37.68 PETER ANDERSEN	USA 2013	2:58.06 BURWELL JONES	USA 2003
5:17.20 DAVID RADCLIFF	USA 2008	37.93 AKIO SUGIYAMA	JPN 2004	2:58.81 JACK KELSO	CAN 2010
5:21.27 TOM LANDIS	USA 2012	37.96 CHARLES BALDWIN	USA 2000	2:59.75 GERSHON SHEFA	ISR 2013
5:24.85 JOHN CRISP	AUS 2006	37.98 JOHN KORTHEUER	USA 2001	2:59.90 RONALD JOHNSON	USA 2001
5:25.70 WERNER SCHNABEL	GER 2006	37.99 JAN JOHANSEN	DEN 2012	2:59.95 BERND HORSTMANN	GER 2013
5:26.46 KEEFE LODWIG	USA 2013	38.06 YURI MARENKOVA	RUS 2013	2:59.96 ED REED	USA 2013
5:28.64 BURWELL JONES	USA 2005	38.12 JURGEN ZIMMERMANN	GER 2009	3:00.15 KOJI IWAMOTO	JPN 2012
5:29.04 BARRY YOUNG	NZL 2009	38.14 DAVID GILDEA	USA 2013	400 M. I.M.	
5:29.24 CAV CAVANAUGH	USA 2005	38.14 ANTONIO ORSELLI	BRA 2012	5:57.81 BARRY YOUNG	NZL 2009
5:29.63 MASATO YOSHINO	JPN 2010	100 M. BRST		6:24.76 TOM LANDIS	USA 2012
800 M. FREE		1:24.12 DAVID GILDEA	USA 2013	6:32.11 BURWELL JONES	USA 2003
10:45.92 GRAHAM JOHNSTON	USA 2002	1:24.71 KARL WIEDAMANN	USA 2008	6:32.30 MASAO KIJIMA	JPN 2011
10:49.02 DAVID RADCLIFF	USA 2006	1:25.25 ANTONIO ORSELLI	BRA 2012	6:34.43 GRAHAM JOHNSTON	USA 2001
11:19.41 JOHN CRISP	AUS 2005	1:25.53 TONY GOODWIN	AUS 2007	6:41.36 IKURO SHIMONO	JPN 2009
11:19.55 BURWELL JONES	USA 2005	1:26.25 BARRY YOUNG	NZL 2009	6:43.80 MIKE FRESHLEY	USA 2012
11:20.69 TOM LANDIS	USA 2012	1:26.41 TETSUO NAKAMARU	JPN 2005	6:45.24 ED REED	USA 2013
11:25.71 ERNIE LESKOVITZ	USA 2006	1:26.70 THOMAS WALKER	GBR 2005	6:47.83 JOHN CRISP	AUS 2005
11:33.11 WERNER SCHNABEL	GER 2006	1:26.78 MICHAEL MOLONEY	AUS 2009	6:48.47 DAVID MCLACHLAN	RSA 2008
11:34.12 MASATO YOSHINO	JPN 2009	1:26.90 HANS REICHLER	GER 2007	*****	
11:35.33 DAVID HARRISON	USA 2007	1:27.33 MASARU SHINKAI	JPN 2010	M E N 75-79	
11:39.81 JOACHIM HINTZE	GER 2012	200 M. BRST		*****	
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
21:12.56 TOM LANDIS	USA 2012	3:11.67 CLAUDIO NEGRI	ITA 2006	30.63 SHINGO YAMAMOTO	JPN 2008
21:49.74 WERNER SCHNABEL	GER 2006	3:12.61 HANS REICHLER	GER 2008	30.78 HIROSHI MATSUMOTO	JPN 2011
21:53.77 BURWELL JONES	USA 2005	3:14.76 THOMAS WALKER	GBR 2006	30.82 DONALD HILL	USA 2009
22:01.12 JOHN CRISP	AUS 2005	3:15.07 DAVID GILDEA	USA 2013	31.14 ALDO EMINENTE	FRA 2006
22:03.95 MASATO YOSHINO	JPN 2010	3:15.21 MASARU SHINKAI	JPN 2013	31.19 FRANK PIEMME	USA 2000
22:06.67 YASUSHI YAMAGUCHI	JPN 2009	3:15.70 YOSHIAKI AOKI	JPN 2008	31.32 JOHN SMITH	USA 2013
22:23.50 KEEFE LODWIG	USA 2013	3:17.21 MORIAKI SUGIURA	JPN 2009	31.33 ETTORE FARDELLO	ITA 2012
22:31.27 JOACHIM HINTZE	GER 2012	50 M. FLY		31.35 CLARKE MITCHELL	USA 2009
50 M. BACK		31.42 RICHARD BURNS	USA 2013	31.38 YOSHI OYAKAWA	USA 2008
33.59 RICHARD BURNS	USA 2013	31.49 HIROSHI MATSUMOTO	JPN 2007	100 M. FREE	
34.90 BERND HORSTMANN	GER 2012	31.95 BERND SCHRODER	GER 2013	1:06.63 DAVID RADCLIFF	USA 2009
35.31 YOSHI OYAKAWA	USA 2003	31.95 Y.FUNAHASHI	JPN 2010	1:10.02 SHINGO YAMAMOTO	JPN 2008
35.54 JOZSEF CSEKANY	HUN 2013	32.11 RONALD JOHNSON	USA 2001	1:10.38 GRAHAM JOHNSTON	USA 2006
35.83 S. SEKIKAWA	JPN 2003	32.31 JAMES ELDER	USA 2013	1:10.49 HIROSHI MATSUMOTO	JPN 2012
36.23 MIKLOS KOVATS	HUN 2010	32.36 KOJI IWAMOTO	JPN 2012	1:11.83 BURWELL JONES	USA 2008
36.49 FRANS VAN ENST	NED 2011	32.36 BERT PETERSEN	USA 2008	1:12.63 MASATO YOSHINO	JPN 2013
36.60 HELMUT RICHTER	GER 2009	32.49 KEEFE LODWIG	USA 2013	1:12.78 WERNER SCHNABEL	GER 2011
36.66 YURI MARENKOVA	RUS 2013	32.60 ROBERT POILETMAN	USA 2013	1:13.18 H.TAKAHASHI	JPN 2011
36.77 BARRY YOUNG	NZL 2009	100 M. FLY		1:13.30 CAV CAVANAUGH	USA 2011
100 M. BACK		1:14.20 ROBERT POILETMAN	USA 2013	1:13.84 RAYMOND TAFT	USA 1995
1:15.13 RICHARD BURNS	USA 2013	1:16.04 KOJI IWAMOTO	JPN 2012	200 M. FREE	
1:15.24 BARRY YOUNG	NZL 2009	1:16.18 BARRY YOUNG	NZL 2009	2:25.66 DAVID RADCLIFF	USA 2009
1:16.14 BERND HORSTMANN	GER 2013	1:16.67 RICHARD BURNS	USA 2013	2:35.32 BURWELL JONES	USA 2009
1:19.12 YOSHI OYAKAWA	USA 2004	1:17.41 RUDOLF SMERDA	CZE 2013	2:36.30 GRAHAM JOHNSTON	USA 2006
1:19.14 BURWELL JONES	USA 2003	1:18.18 T.TAKESHITA	JPN 2012	2:40.79 MASATO YOSHINO	JPN 2013
1:20.12 JOZSEF CSEKANY	HUN 2013	1:18.35 AKIRA TAKAKURA	JPN 2013	2:41.06 IKURO SHIMONO	JPN 2013
1:20.74 MIKLOS KOVATS	HUN 2010	1:19.44 WOLFRAM GOTTFRIED	GER 2002	2:41.39 WERNER SCHNABEL	GER 2012
1:20.93 S. SEKIKAWA	JPN 2003	1:20.45 GUNTER SCHOPKE	GER 2010	2:43.81 IGOR BROVIN	RUS 2009
1:22.13 MARTY MENNEN	USA 2009	1:20.52 RICHARD KITCHELL	USA 2010	2:43.98 LAURI MALK	FIN 2012
1:22.30 T.HASHIMOTO	JPN 2010	200 M. FLY		2:44.97 ANRI VERESHCHAGIN	RUS 2009
200 M. BACK		2:53.26 BARRY YOUNG	NZL 2009	2:46.28 HIROSHI YOSHIMURA	JPN 2003
2:44.59 RICHARD BURNS	USA 2013	2:59.21 ROBERT POILETMAN	USA 2013	400 M. FREE	
2:48.10 BARRY YOUNG	NZL 2009	3:04.35 GUNTER SCHOPKE	GER 2010	5:17.77 DAVID RADCLIFF	USA 2009
2:49.85 BERND HORSTMANN	GER 2013	3:08.06 TAISUKE MIYAZAKI	JPN 2009	5:32.06 GRAHAM JOHNSTON	USA 2006
2:55.19 BURWELL JONES	USA 2005	3:08.50 RUDOLF SMERDA	CZE 2013	5:33.42 BURWELL JONES	USA 2009
2:58.62 S. SEKIKAWA	JPN 2003	3:10.53 RICHARD KITCHELL	USA 2010	5:39.94 JOHN CRISP	AUS 2010
2:58.85 JOZSEF CSEKANY	HUN 2013	3:13.74 CLAUDIO NEGRI	ITA 2008	5:43.90 IKURO SHIMONO	JPN 2013
2:58.88 MARTY MENNEN	USA 2006	3:13.81 JOACHIM HINTZE	GER 2012	5:43.91 WERNER SCHNABEL	GER 2011
2:59.52 MIKLOS KOVATS	HUN 2010	3:14.18 DAVID MCLACHLAN	RSA 2008	5:48.11 MASATO YOSHINO	JPN 2013
3:01.03 KARL DONOGHUE	CAN 2010	3:16.06 WERNER MULLER	GER 2003	5:49.23 IGOR BROVIN	RUS 2009
3:01.26 YOSHI OYAKAWA	USA 2003	200 M. I.M.		5:54.36 HIROSHI YOSHIMURA	JPN 2004
50 M. BRST		2:44.36 BARRY YOUNG	NZL 2009	5:59.56 TOSABURO HOSOKAWA	JPN 2010



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

800 M. FREE		1:29.35	TONY GOODWIN	AUS 2012	7:08.74	GRAHAM JOHNSTON	USA 2007
11:07.90 DAVID RADCLIFF	USA 2009	1:29.55	TETSUO NAKAMARU	JPN 2010	7:10.29	DAVID MCLACHLAN	RSA 2012
11:25.95 GRAHAM JOHNSTON	USA 2006	1:29.92	HANS REICHELT	GER 2011	7:14.22	ANRI VERESHCHAGIN	RUS 2009
11:59.76 JOHN CRISP	AUS 2010	1:31.65	BELA FABIAN	HUN 2012	7:18.01	KARL HAUTER	GER 2001
11:59.91 MASATO YOSHINO	JPN 2013	1:31.90	TSUTOMU KAJIHARA	JPN 2008	7:19.30	JOSEF KREJCI	SUI 2008
12:04.82 IGOR BROVIN	RUS 2009	1:32.06	SHUNSAKU TAKAHIRA	JPN 2007	7:21.08	WERNER MULLER	GER 2008
12:08.69 IKURO SHIMONO	JPN 2012	1:32.17	YOSHIAKI AOKI	JPN 2013	7:21.75	RAYMOND TAFT	USA 1995
12:14.79 WERNER SCHNABEL	GER 2011	1:32.46	PETER BELL	CAN 2010	7:22.82	BOB BEST	USA 2007
12:17.40 GIULIO DIVANO	ITA 2009	1:33.29	WERNER MULLER	GER 2008			
12:29.76 GERHARD HOLE	GER 2010	1:34.93	JOHN KORTHEUER	USA 2006	*****		
12:32.78 JOSEF KREJCI	SUI 2009	200 M. BRST			M E N 80-84		
1500 M. FREE		3:17.54	TONY GOODWIN	AUS 2012	50 M. FREE		
21:03.06 DAVID RADCLIFF	USA 2009	3:24.08	HANS REICHELT	GER 2011	31.96	ROBERTO ALBERICHE	ESP 2012
22:48.56 JOHN CRISP	AUS 2010	3:28.51	SHUNSAKU TAKAHIRA	JPN 2007	32.73	B.SCHLURIKE	GER 2002
23:02.25 GRAHAM JOHNSTON	USA 2006	3:28.63	TSUTOMU KAJIHARA	JPN 2008	33.08	SHINGO YAMAMOTO	JPN 2012
23:31.64 WERNER SCHNABEL	GER 2012	3:28.79	BELA FABIAN	HUN 2012	33.09	FRANK PIEMME	USA 2005
23:34.20 HIROSHI YOSHIMURA	JPN 2005	3:28.90	CLAUDIO NEGRI	ITA 2012	33.12	KEIJIRO NAKAMURA	JPN 2004
23:50.80 GIULIO DIVANO	ITA 2009	3:29.31	YOSHIAKI AOKI	JPN 2013	33.18	CLARKE MITCHELL	USA 2013
24:10.00 TOSABURO HOSOKAWA	JPN 2010	3:30.58	PETER BELL	CAN 2010	33.58	ANDERS SODERQVIST	SWE 2013
24:28.62 GERHARD HOLE	GER 2013	3:31.13	ERIVALDO LIMA	BRA 2008	33.88	WOODY BOWERSOCK	USA 1993
24:34.77 ROGER FRANKS	USA 2002	3:31.23	THOMAS WALKER	GBR 2010	34.03	SHOICHI SAKOMOTO	JPN 1998
24:39.10 BURWELL JONES	USA 2012	50 M. FLY			34.11	SADAYUKI WAKAI	JPN 2003
50 M. BACK		32.76	HIROSHI MATSUMOTO	JPN 2012	100 M. FREE		
36.14 YOSHI OYAKAWA	USA 2008	33.83	JOHN SMITH	USA 2013	1:13.12	ROBERTO ALBERICHE	ESP 2011
36.38 S.SEKIKAWA	JPN 2008	35.66	FRANK PIEMME	USA 2000	1:16.04	GRAHAM JOHNSTON	USA 2011
36.90 BURWELL JONES	USA 2010	35.68	JEAN LE DALL	FRA 2008	1:17.11	KEIJIRO NAKAMURA	JPN 2003
37.51 KEIJIRO NAKAMURA	JPN 1998	35.95	TAKASHI HAYASHI	JPN 2008	1:17.85	KELLEY LEMMON	PUR 1993
38.08 CLARKE MITCHELL	USA 2007	36.01	CLARKE MITCHELL	USA 2007	1:17.93	SHINGO YAMAMOTO	JPN 2011
39.24 PAUL HUTINGER	USA 2000	36.04	GENICHI IGARASHI	JPN 2011	1:17.96	SHOICHI SHIDA	JPN 2006
39.28 JOHN SMITH	USA 2013	36.06	ASHLEY JONES	USA 2006	1:18.77	FRANK PIEMME	USA 2005
39.48 MAMPEI SEINO	JPN 2007	36.52	MASAYASU KAMIYA	JPN 2009	1:18.82	ANDERS SODERQVIST	SWE 2013
39.49 ALLAN CHARLTON	USA 2012	36.73	WERNER MULLER	GER 2008	1:18.85	ROD BAKER	AUS 2008
39.49 MARTY MENNEN	USA 2011	100 M. FLY			1:19.28	HIKOJI UEKI	JPN 1995
39.49 RAY TAFT	USA 1994	1:26.04	TAKASHI HAYASHI	JPN 2008	200 M. FREE		
100 M. BACK		1:28.30	GILJIO DIVANO	ITA 2009	2:48.76	ROBERTO ALBERICHE	ESP 2011
1:20.98 BURWELL JONES	USA 2009	1:28.67	DAVID MCLACHLAN	RSA 2012	2:52.91	GRAHAM JOHNSTON	USA 2013
1:21.52 YOSHI OYAKAWA	USA 2008	1:28.72	WERNER MULLER	GER 2008	2:53.10	BURWELL JONES	USA 2013
1:22.05 S.SEKIKAWA	JPN 2009	1:29.16	GENICHI IGARASHI	JPN 2011	2:59.28	HIROSHI YOSHIMURA	JPN 2008
1:26.00 CLARKE MITCHELL	USA 2007	1:31.60	LAURI MALK	FIN 2012	3:00.09	SHINGO YAMAMOTO	JPN 2011
1:26.00 KEIJIRO NAKAMURA	JPN 1998	1:31.89	BURWELL JONES	USA 2010	3:02.50	KAZUO OTA	JPN 2013
1:26.55 MARTY MENNEN	USA 2011	1:32.84	WILLIAM LAUER	USA 2011	3:03.45	HIKOJI UEKI	JPN 1995
1:27.24 MAMPEI SEINO	JPN 2007	1:34.12	DAVID CUMMING	GBR 2013	3:04.08	ROD BAKER	AUS 2008
1:29.14 DOUGLAS ALPINO	BRA 2012	1:34.79	TONY GOODWIN	AUS 2012	3:04.65	FRANK PIEMME	USA 2005
1:29.41 GERHARD HOLE	GER 2010	200 M. FLY			3:04.69	IGOR BROVIN	RUS 2012
1:29.47 ROGER FRANKS	USA 2002	3:26.21	DAVID MCLACHLAN	RSA 2012	400 M. FREE		
200 M. BACK		3:26.28	TAKASHI HAYASHI	JPN 2008	6:08.75	GILJIO DIVANO	ITA 2011
2:57.72 BURWELL JONES	USA 2010	3:31.90	WERNER MULLER	GER 2009	6:10.13	GRAHAM JOHNSTON	USA 2012
3:04.07 S.SEKIKAWA	JPN 2010	3:33.34	GILJIO DIVANO	ITA 2010	6:11.49	ROBERTO ALBERICHE	ESP 2011
3:07.08 MARTY MENNEN	USA 2011	3:33.50	LAURI MALK	FIN 2012	6:21.37	BURWELL JONES	USA 2013
3:10.25 ROGER FRANKS	USA 2002	3:34.30	MAURICE LUSIEN	FRA 2001	6:26.98	IGOR BROVIN	RUS 2012
3:10.64 KEIJIRO NAKAMURA	JPN 1998	3:34.82	CLAUDIO NEGRI	ITA 2012	6:31.17	HIROSHI YOSHIMURA	JPN 2009
3:13.03 YOSHI OYAKAWA	USA 2008	3:35.90	KARL HAUTER	GER 2001	6:33.71	ROD BAKER	AUS 2008
3:13.69 GERHARD HOLE	GER 2010	3:41.37	ERIVALDO LIMA	BRA 2009	6:36.12	FRANK PIEMME	USA 2005
3:14.55 MAMPEI SEINO	JPN 2007	3:43.56	ANTON M. CERER	USA 1992	6:39.26	KEVIN VICKERY	AUS 2003
3:15.00 RAY TAFT	USA 1995	200 M. I.M.			6:40.27	KATSURA SUZUKI	JPN 2011
3:17.54 BOB MILLER	USA 2006	3:06.58	BURWELL JONES	USA 2009	800 M. FREE		
50 M. BRST		3:07.29	GERHARD HOLE	GER 2010	12:51.45	GRAHAM JOHNSTON	USA 2012
39.65 HANS REICHELT	GER 2011	3:09.33	IKURO SHIMONO	JPN 2012	12:52.38	GILJIO DIVANO	ITA 2011
39.92 TONY GOODWIN	AUS 2012	3:12.48	DAVID MCLACHLAN	RSA 2012	12:55.27	BURWELL JONES	USA 2013
40.01 TETSUO NAKAMARU	JPN 2010	3:13.53	GRAHAM JOHNSTON	USA 2006	13:28.82	IGOR BROVIN	RUS 2012
40.20 MIKHAIL FARAFONOV	RUS 2012	3:16.31	BELA FABIAN	HUN 2012	13:39.76	ROD BAKER	AUS 2008
40.38 TOSHIO TAJIMA	JPN 2000	3:18.35	FRANK PIEMME	USA 2000	13:43.17	JOSEF KREJCI	SUI 2013
40.41 DON BIDWELL	NZL 2009	3:18.81	GILJIO DIVANO	ITA 2010	13:44.73	HIROSHI YOSHIMURA	JPN 2009
40.44 WERNER MULLER	GER 2008	3:18.84	ANRI VERESHCHAGIN	RUS 2009	13:50.05	NORBERT ARTUS	CAN 1994
40.49 HIROFUMI HOSOTANI	JPN 2010	3:18.86	JOHN CRISP	AUS 2010	13:50.35	KATSURA SUZUKI	JPN 2011
40.56 BELA FABIAN	HUN 2012	400 M. I.M.			14:03.18	DAVID LAWLER	AUS 2009
40.68 WOLFGANG DREIACK	GER 2012	6:48.48	BURWELL JONES	USA 2009	1500 M. FREE		
100 M. BRST		6:58.19	GILJIO DIVANO	ITA 2009			



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

24:40.69	GIGLIOLA DIVANO	ITA	2011	3:47.15	PATRICK GALVIN	AUS	2013	*****	*****	*****	*****	*****
25:10.41	GRAHAM JOHNSTON	USA	2011	3:47.25	TSUTOMU KAJIHARA	JPN	2013	50	M.	FREE		
25:59.56	HIROSHI YOSHIMURA	JPN	2008	3:47.81	AL CRAIG	USA	2007	33.94	KEIJIRO NAKAMURA	JPN	2008	
26:39.67	KATSURA SUZUKI	JPN	2011	3:47.98	KARL HAUTER	GER	2005	35.77	WOODROW BOWERSOCK	USA	1998	
26:52.76	FRANK PIEMME	USA	2005	3:48.49	ROBERT MACDONALD	USA	2008	35.85	FRANK PIEMME	USA	2010	
26:52.93	RAYMOND TAFT	USA	1999	3:49.18	ZENJI NAKAHARI	JPN	2009	36.40	JAMES EUBANK	USA	2000	
27:00.00	DAVID LAWLER	AUS	2009	3:51.06	SHUNSAKU TAKAHIRA	JPN	2012	36.41	GORO KOBAYASHI	JPN	2002	
27:09.47	HIROSHI IMAIZUMI	JPN	2005	3:53.23	JAN ZIEGLER	CZE	2005	36.62	ROD BAKER	AUS	2013	
27:14.31	JURGEN SCHMIDT	USA	2003	3:53.43	WERNER MULLER	GER	2013	36.90	TAKAHICO NOMA	JPN	2013	
27:14.65	KARL HAUTER	GER	2006	3:53.87	TSUTOMU MORIHIRO	JPN	2013	36.90	TOSHIMI INATOMI	JPN	2011	
50	M. BACK			50	M. FLY			37.21	ANDREW HOLDEN	USA	2004	
38.16	S. SEKIKAWA	JPN	2013	38.05	TAKASHI HAYASHI	JPN	2013	37.33	WILLARD LAMB	USA	2008	
38.41	KEIJIRO NAKAMURA	JPN	2003	38.75	CLARKE MITCHELL	USA	2013	100	M.	FREE		
40.71	SHOICHI SAKOMOTO	JPN	1998	39.17	WERNER MULLER	GER	2013	1:23.25	FRANK PIEMME	USA	2010	
41.12	BURWELL JONES	USA	2013	39.65	GIGLIOLA DIVANO	ITA	2011	1:23.52	KEIJIRO NAKAMURA	JPN	2008	
41.40	PAUL HUTINGER	USA	2004	40.26	ROBERTO ALBERICHE	ESP	2012	1:23.87	JIM EUBANK	USA	2001	
41.49	CLARKE MITCHELL	USA	2012	40.65	FRANK PIEMME	USA	2005	1:24.51	ROD BAKER	AUS	2013	
42.13	SHOICHI SHIDA	JPN	2008	40.95	TOSHIO TAJIMA	JPN	2005	1:26.48	GORO KOBAYASHI	JPN	2002	
42.49	RAYMOND TAFT	USA	1999	41.02	BOB BEST	USA	2012	1:26.71	HIKOJI UEKI	JPN	2000	
42.71	MASAKI INABA	JPN	2006	41.36	MAX VAN GELDER	NED	2004	1:26.78	WILLARD LAMB	USA	2007	
42.96	GORO KOBAYASHI	JPN	1998	41.67	SUEO YAMAGUCHI	JPN	2009	1:27.61	WOODROW BOWERSOCK	USA	1998	
100	M. BACK			100	M. FLY			1:28.56	SHOICHI SHIDA	JPN	2011	
1:26.44	S. SEKIKAWA	JPN	2013	1:29.39	GIGLIOLA DIVANO	ITA	2011	1:30.30	JIRO KOBAYASHI	JPN	2010	
1:26.97	KEIJIRO NAKAMURA	JPN	2003	1:34.18	TAKASHI HAYASHI	JPN	2013	200	M.	FREE		
1:31.10	CLARKE MITCHELL	USA	2013	1:40.57	WERNER MULLER	GER	2013	3:13.78	HIKOJI UEKI	JPN	2000	
1:34.88	BURWELL JONES	USA	2013	1:45.50	THOMAS MAINE	USA	2006	3:16.89	FRANK PIEMME	USA	2010	
1:35.36	RAYMOND TAFT	USA	1999	1:45.53	JAN ZIEGLER	CZE	2006	3:16.95	WILLARD LAMB	USA	2008	
1:35.42	PAUL HUTINGER	USA	2004	1:46.11	FRANK PIEMME	USA	2005	3:17.18	ROD BAKER	AUS	2013	
1:36.95	GORO KOBAYASHI	JPN	1998	1:47.86	KARL HAUTER	GER	2005	3:17.30	JIM EUBANK	USA	2001	
1:37.34	FRITZ ILGEN	GER	2013	1:47.88	ANDREW HOLDEN	USA	1999	3:19.10	GORO KOBAYASHI	JPN	2002	
1:38.13	DALE WEBSTER	USA	2006	1:49.38	MAX VAN GELDER	NED	2004	3:23.31	JIRO KOBAYASHI	JPN	2010	
1:38.34	JAN ZIEGLER	CZE	2005	1:50.89	SILVANO DANIELI	ITA	2008	3:32.53	KARL HAUTER	GER	2013	
1:38.34	SHOICHI SAKOMOTO	JPN	1998	200	M. FLY			3:32.69	JURGEN SCHMIDT	USA	2008	
200	M. BACK			3:31.42	GIGLIOLA DIVANO	ITA	2011	3:32.76	RADO HOCEVAR	SLO	2012	
3:16.22	BURWELL JONES	USA	2013	3:38.95	TAKASHI HAYASHI	JPN	2013	400	M.	FREE		
3:16.82	KEIJIRO NAKAMURA	JPN	2004	3:54.51	THOMAS MAINE	USA	2006	7:02.33	ROD BAKER	AUS	2013	
3:27.80	CLARKE MITCHELL	USA	2013	4:02.29	WERNER MULLER	GER	2013	7:03.07	FRANK PIEMME	USA	2010	
3:30.76	PAUL HUTINGER	USA	2004	4:03.00	JAN ZIEGLER	CZE	2005	7:05.53	HIKOJI UEKI	JPN	2000	
3:31.36	RAYMOND TAFT	USA	1999	4:11.09	ANTON CERER	USA	1998	7:06.36	WILLARD LAMB	USA	2008	
3:33.41	JAN ZIEGLER	CZE	2005	4:11.48	KARL HAUTER	GER	2006	7:12.16	JIM EUBANK	USA	2001	
3:37.70	DONALD BROWN	USA	2013	4:19.95	GRAHAM JOHNSTON	USA	2011	7:16.00	KARL HAUTER	GER	2013	
3:39.22	ROGER FRANKS	USA	2007	4:26.60	VIKTOR BOROVIKOV	RUS	2012	7:20.63	D.CASOLINO	ITA	2012	
3:40.07	TOSHIJI SATO	JPN	1996	4:28.71	SILVANO DANIELI	ITA	2007	7:20.74	HIROSHI IMAIZUMI	JPN	2010	
3:41.53	G.SHIMOMOTO	JPN	2006	200	M. I.M.			7:25.95	JURGEN SCHMIDT	USA	2008	
50	M. BRST			3:20.65	GIGLIOLA DIVANO	ITA	2011	7:33.45	JIRO KOBAYASHI	JPN	2010	
41.68	TOSHIO TAJIMA	JPN	2006	3:29.66	ROBERTO ALBERICHE	ESP	2012	800	M.	FREE		
43.62	Y.MIYAMOTO	JPN	1998	3:32.82	JAN ZIEGLER	CZE	2005	14:36.90	WILLARD LAMB	USA	2008	
43.67	PATRICK GALVIN	AUS	2013	3:33.09	WERNER MULLER	GER	2013	14:43.80	ROD BAKER	AUS	2013	
43.93	WERNER MULLER	GER	2013	3:33.56	YOSHINAO KAMEI	JPN	2013	14:43.81	FRANK PIEMME	USA	2010	
44.41	BOB BEST	USA	2012	3:34.94	FRANK PIEMME	USA	2005	15:11.24	D.CASOLINO	ITA	2012	
44.72	GERHARD GIERA	GER	2008	3:35.20	KARL HAUTER	GER	2006	15:24.45	JIM EUBANK	USA	2001	
44.88	TSUTOMU KAJIHARA	JPN	2013	3:39.78	BOB BEST	USA	2013	15:24.97	HIROSHI IMAIZUMI	JPN	2010	
44.99	HORST FRITSCH	GER	2006	3:41.70	S.KROKOSZYNSKI	POL	2010	15:32.70	JURGEN SCHMIDT	USA	2008	
45.38	KARL HAUTER	GER	2005	3:42.90	MASAYASU KAMIYA	JPN	2012	15:53.00	KARL HAUTER	GER	2010	
45.45	MAX VAN GELDER	NED	2004	400	M. I.M.			15:59.86	TOKUSHI KOMEDA	JPN	1999	
45.45	HIROMU YOSHIMOTO	JPN	1995	7:12.63	GIGLIOLA DIVANO	ITA	2011	16:05.56	RADO HOCEVAR	SLO	2013	
100	M. BRST			7:38.09	JAN ZIEGLER	CZE	2005	1500	M.	FREE		
1:39.32	PATRICK GALVIN	AUS	2013	7:47.73	THOMAS MAINE	USA	2006	28:35.24	WILLARD LAMB	USA	2008	
1:39.73	TSUTOMU KAJIHARA	JPN	2013	7:54.48	BOB BEST	USA	2012	29:00.17	ROD BAKER	AUS	2013	
1:41.02	TOSHIO TAJIMA	JPN	2005	7:57.61	KARL HAUTER	GER	2005	29:12.85	JURGEN SCHMIDT	USA	2008	
1:42.33	WERNER MULLER	GER	2013	8:03.49	FRANK PIEMME	USA	2005	29:53.88	JIM EUBANK	USA	2000	
1:43.16	JAN ZIEGLER	CZE	2005	8:05.14	RAYMOND TAFT	USA	1999	30:10.16	HIROSHI IMAIZUMI	JPN	2010	
1:43.21	ROBERT MACDONALD	USA	2008	8:11.74	YOSHINAO KAMEI	JPN	2013	30:14.52	TOKUSHI KOMEDA	JPN	1999	
1:43.43	SHUNSAKU TAKAHIRA	JPN	2013	8:13.49	ANTON CERER	USA	1997	31:17.64	ALDO DA ROSA	USA	2002	
1:43.74	AL CRAIG	USA	2007	8:13.91	JOSEF KREJCI	SUI	2013	31:18.17	THOMAS MAINE	USA	2010	
1:43.85	GERHARD GIERA	GER	2008					32:32.53	HAROLD DODD	GBR	2004	
1:44.15	TAKAO OKAMOTO	JPN	2013					32:56.41	NILS FERM	SWE	2002	
200	M. BRST			M E N	85-89			50	M. BACK			

M E N 85-89

50 M. BACK



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

39.89	KEIJIRO NAKAMURA	JPN	2008	46.85	TOSHIO TAJIMA	JPN	2010	1:38.05	GORO KOBAYASHI	JPN	2006
42.17	GORO KOBAYASHI	JPN	2001	47.88	TAMON YOSHIDA	JPN	2011	1:40.54	TOKUSHI KOMEDA	JPN	2004
44.52	FRED VAN DYKE	USA	2006	50.30	THOMAS MAINE	USA	2010	1:43.22	WOODY BOWERSOCK	USA	2003
45.16	TOSHIJI SATO	JPN	2000	50.64	MAX VON ISSER	USA	2006	1:45.51	GEORGE CORONES	AUS	2009
45.33	SHOICHI SAKAMOTO	JPN	2004	51.12	PAUL KRUP	USA	2002	1:47.13	WILLARD LAMB	USA	2013
45.60	K.KLAUSTERMAYER	GER	2013	51.26	ROBERT MACDONALD	USA	2013	1:50.28	JURGEN SCHMIDT	USA	2013
46.89	SHOICHI SHIDA	JPN	2012	51.81	Y.MIYAMOTO	JPN	2002	1:50.30	KAZUNAGA AKUTSU	JPN	2002
47.06	ALDO DA ROSA	USA	2002	53.71	SILVANO DANIELI	ITA	2012	1:51.07	MASAHIKA KANEKO	JPN	2002
47.30	ROD BAKER	AUS	2013	100 M. FLY				1:56.10	HEINZ SIEGEL	GER	2004
47.54	HELMUT KUNZEL	GER	2012	1:55.18	THOMAS MAINE	USA	2010	1:56.60	GASTAO FIGUEIREDO	BRA	2000
100 M. BACK				2:02.53	ANDREW HOLDEN	USA	2004	200 M. FREE			
1:31.65	KEIJIRO NAKAMURA	JPN	2008	2:05.21	KARL HAUTER	GER	2010	3:41.77	WILLARD LAMB	USA	2013
1:36.34	GORO KOBAYASHI	JPN	2001	2:05.39	FRANK PIEMME	USA	2010	3:54.89	TOKUSHI KOMEDA	JPN	2004
1:41.25	TOSHIJI SATO	JPN	2000	2:10.28	WALTER PFEIFFER	USA	1999	4:02.49	JURGEN SCHMIDT	USA	2013
1:48.68	HIKOJI UEKI	JPN	2000	2:11.44	ANTON CERER	USA	2002	4:10.40	WOODY BOWERSOCK	USA	2003
1:49.24	WILLARD LAMB	USA	2008	2:12.47	MAX VAN GELDER	NED	2009	4:19.52	MASAHIKA KANEKO	JPN	2002
1:49.54	ALDO DA ROSA	USA	2002	2:17.29	PAUL KRUP	USA	2002	4:28.34	GUS LANGNER	USA	1993
1:49.88	HELMUT KUNZEL	GER	2013	2:17.55	PAUL HUTINGER	USA	2009	4:28.88	NILS FERM	SWE	2008
1:51.56	ALAN WEEDEN	USA	2009	2:20.76	FRANK GRANNIS	USA	2009	4:30.92	MIRIO VINCENTIN	ARG	2009
1:51.83	C.SCHERER	GER	1999	200 M. FLY				4:32.78	ALFREDO CHERCHI	AUS	1997
1:52.88	K.KLAUSTERMAYER	GER	2013	4:15.86	THOMAS MAINE	USA	2010	4:37.85	JULIUS FEICHT	GER	2011
200 M. BACK				4:46.99	KARL HAUTER	GER	2010	400 M. FREE			
3:28.59	KEIJIRO NAKAMURA	JPN	2008	4:47.63	ANDREW HOLDEN	USA	2004	8:09.14	WILLARD LAMB	USA	2013
3:41.06	GORO KOBAYASHI	JPN	2002	4:57.41	ANTON CERER	USA	2002	8:13.45	TOKUSHI KOMEDA	JPN	2004
3:48.38	TOSHIJI SATO	JPN	2000	5:06.00	WALTER PFEIFFER	USA	1999	8:48.73	JURGEN SCHMIDT	USA	2013
3:54.81	ROD BAKER	AUS	2013	5:07.93	PAUL KRUP	USA	2002	9:35.43	ARTHUR THOMAS	AUS	2007
3:56.47	KARL HAUTER	GER	2010	5:25.02	ALDO CAPUTI	ITA	2001	9:39.37	WOODY BOWERSOCK	USA	2003
4:00.58	HELMUT KUNZEL	GER	2013	5:42.31	HIRONARI UEDA	JPN	2006	9:40.04	ALFREDO CHERCHI	AUS	1997
4:04.33	WILLARD LAMB	USA	2008	5:54.28	FRANK GRIFFITHS	AUS	1993	9:40.14	CARLOS VINCENTIN	ARG	2009
4:04.99	JAN ZIEGLER	CZE	2010	5:55.76	DON LEADER	GBR	2009	9:43.35	JULIUS FEICHT	GER	2011
4:07.72	ALDO DA ROSA	USA	2002	200 M. I.M.				9:44.11	GUS LANGNER	USA	1993
4:08.30	BELA BANKI	HUN	2006	3:51.20	THOMAS MAINE	USA	2010	9:44.99	NILS FERM	SWE	2007
50 M. BRST				3:51.88	FRANK PIEMME	USA	2010	800 M. FREE			
45.58	TOSHIO TAJIMA	JPN	2011	3:57.74	KARL HAUTER	GER	2010	16:28.37	WILLARD LAMB	USA	2013
46.23	Y.MIYAMOTO	JPN	2002	4:07.75	HIROSHI IMAIZUMI	JPN	2010	17:54.42	TOKUSHI KOMEDA	JPN	2005
48.94	GERHARD GIERA	GER	2013	4:13.14	ANTON CERER	USA	2001	17:58.02	JURGEN SCHMIDT	USA	2013
49.46	HIROMU YOSHIMOTO	JPN	2000	4:15.59	ANDREW HOLDEN	USA	2004	19:36.32	NILS FERM	SWE	2007
49.49	FRANK PIEMME	USA	2010	4:16.31	ALDO DAROSA	USA	2003	20:09.22	JOHN HARRISON	GBR	2004
49.90	SEIJI TAKAHASHI	JPN	2000	4:20.63	JAN ZIEGLER	CZE	2013	20:13.74	GUS LANGNER	USA	1993
50.57	BARTON GREENBERG	USA	2009	4:29.94	MAX VAN GELDER	NED	2009	20:28.49	BELA BANKI	HUN	2011
50.74	PAUL KRUP	USA	2002	4:30.49	TOKUSHI KOMEDA	JPN	1999	20:43.98	JULIUS FEICHT	GER	2011
50.83	FREDERICK HOPPE	USA	2012	400 M. I.M.				20:50.22	JOHN MERRILL	USA	2008
51.42	H.REITEMAYER	GER	2006	8:21.81	THOMAS MAINE	USA	2010	21:07.17	WOODY BOWERSOCK	USA	2003
100 M. BRST				8:34.82	KARL HAUTER	GER	2010	1500 M. FREE			
1:51.79	FRANK PIEMME	USA	2010	9:21.90	ANTON CERER	USA	2001	31:15.97	WILLARD LAMB	USA	2013
1:53.27	BARTON GREENBERG	USA	2009	9:42.77	WALTER PFEIFFER	USA	1999	36:22.20	JURGEN SCHMIDT	USA	2013
1:53.70	HIROMU YOSHIMOTO	JPN	2000	10:28.43	FRANK GRIFFITHS	AUS	1994	36:47.02	GUS LANGNER	USA	1993
1:54.19	Y.MIYAMOTO	JPN	2002	10:38.32	DON LEADER	GBR	2009	37:21.89	NILS FERM	SWE	2007
1:56.64	H.REITEMAYER	GER	2006	10:57.84	HIRONARI UEDA	JPN	2006	38:56.19	JOHN HARRISON	GBR	2004
1:57.18	KARL HAUTER	GER	2010	11:23.79	WILLIAM JOHNSTON	USA	2003	39:36.67	WALTER PFEIFFER	USA	2004
1:57.36	TOSHIO TAJIMA	JPN	2010	11:52.88	ALDO CAPUTI	ITA	2000	40:59.21	RICHARD SMITH	USA	2010
1:57.78	GERHARD GIERA	GER	2013	11:59.54	JESSE COON	USA	1997	42:04.81	KARL BAYERLEIN	GER	2012
1:58.07	ROBERT MACDONALD	USA	2013	*****				43:02.08	HUGH MCGREGOR	CAN	2010
2:00.89	ALDO DAROSA	USA	2003	*****				43:09.40	BUD JACKSON	USA	2010
200 M. BRST				M E N 90-94				50 M. BACK			
4:10.75	AL CRAIG	USA	2012	*****				46.82	GORO KOBAYASHI	JPN	2006
4:13.81	KARL HAUTER	GER	2010	50 M. FREE				53.26	KAZUNAGA AKUTSU	JPN	2002
4:15.11	FRANK PIEMME	USA	2010	39.19	WOODY BOWERSOCK	USA	2003	53.94	KAIZO WATANABE	JPN	2013
4:16.56	THOMAS MAINE	USA	2010	41.93	GEORGE CORONES	AUS	2008	53.99	R.REINSTADTLER	GER	2002
4:16.96	ROBERT MACDONALD	USA	2013	42.17	ROGER HALIMI	FRA	2012	54.07	TOSHIJI SATO	JPN	2005
4:20.59	FREDERICK HOPPE	USA	2012	43.03	TOKUSHI KOMEDA	JPN	2004	54.39	BELA BANKI	HUN	2010
4:22.99	HIROMU YOSHIMOTO	JPN	2000	43.78	KAZUNAGA AKUTSU	JPN	2002	54.41	MASAHIKA KANEKO	JPN	2003
4:25.31	ALDO DAROSA	USA	2003	44.07	MIRIO VINCENTIN	ARG	2009	54.96	WILLARD LAMB	USA	2013
4:26.74	H.REITEMAYER	GER	2006	44.71	GORO KOBAYASHI	JPN	2006	55.45	JOHN MERRILL	USA	2008
4:36.86	HAROLD PERRY	USA	1996	45.31	MASAHIKA KANEKO	JPN	2002	56.43	WOODY BOWERSOCK	USA	2003
50 M. FLY				45.87	MASAO UEDA	JPN	2002	100 M. BACK			
45.63	FRANK PIEMME	USA	2010	46.14	NED SMITH	USA	2005	1:45.46	GORO KOBAYASHI	JPN	2006
46.48	ANDREW HOLDEN	USA	2004	100 M. FREE				2:03.58	WILLARD LAMB	USA	2013



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2013)

2:04.48	TOSHIJI SATO	JPN	2006	200 M. FLY			1:03.32	KAZUNAGA AKUTSU	JPN	2007
2:04.94	R.REINSTADTLER	GER	2002	5:51.79 WALTER PFEIFER	USA	2003	1:10.06 NORI YAMAMOTO		JPN	2005
2:06.63	BELA BANKI	HUN	2010	6:05.42 ALDO CAPUTI	ITA	2005	1:10.49 JEAN LEEMPUT		FRA	2009
2:07.20	JOHN MERRILL	USA	2007	8:22.48 JESSE COON	USA	2000	1:12.29 JOHN HARRISON		GBR	2009
2:07.37	NILS FERM	SWE	2008	9:44.64 ROBERT DOUD	USA	2013	1:16.30 TOM LANE		USA	1989
2:10.36	WOODY BOWERSOCK	USA	2003	200 M. I.M.			1:20.41 SHOGORO AZUMA		JPN	2007
2:11.19	MASAHTSA KANEKO	JPN	2003	5:02.64 TOKUSHI KOMEDA	JPN	2004	1:23.77 ALFREDO CHERCHI		AUS	2002
2:12.94	ROGERS HOLMES	USA	2011	5:12.11 WALTER PFEIFER	USA	2003	1:28.47 GARY WEISENTHAL		USA	2008
200 M. BACK				5:43.35 ALDO CAPUTI	ITA	2005	1:28.61 MARTIN SCHMIDT		GER	2009
4:05.77	GORO KOBAYASHI	JPN	2007	6:10.88 JOHN HARRISON	GBR	2005	100 M. BACK			
4:30.54	WILLARD LAMB	USA	2013	6:25.78 JESSE COON	USA	2000	2:22.83 TOSHIJI SATO		JPN	2010
4:32.63	NILS FERM	SWE	2009	7:02.80 JIM PENFIELD	USA	1998	2:31.61 KAZUNAGA AKUTSU		JPN	2007
4:33.77	BELA BANKI	HUN	2010	7:08.31 PETER JURCZYK	USA	1996	2:42.01 JOHN HARRISON		GBR	2009
4:34.60	R.REINSTADTLER	GER	2002	7:23.22 ANDREW KALLUNKI	USA	1995	2:54.90 NORI YAMAMOTO		JPN	2005
4:40.87	KAIZO WATANABE	JPN	2013	7:25.47 HARUO ENDO	JPN	2002	3:04.37 GARY WEISENTHAL		USA	2008
4:41.28	TOSHIJI SATO	JPN	2005	8:56.54 LARRY JUDGE	CAN	2013	3:15.35 ALDO CAPUTI		ITA	2010
4:42.14	JOHN HARRISON	GBR	2004	400 M. I.M.			3:19.14 TOM LANE		USA	1992
4:46.15	JOHN MERRILL	USA	2008	11:19.91 WALTER PFEIFER	USA	2003	3:19.24 JARING TIMMERMAN		CAN	2005
4:54.50	ALFRED SCHULHOF	CAN	2010	13:52.72 JESSE COON	USA	2000	3:32.44 ALFREDO CHERCHI		AUS	2003
50 M. BRST				17:53.58 ROBERT DOUD	USA	2013	3:33.74 ROMAN JEZEK		CAN	2009
57.20	HIROMU YOSHIMOTO	JPN	2005	*****			200 M. BACK			
1:00.75	SEIJI TAKAHASHI	JPN	2005	*****			5:30.07 TOSHIJI SATO		JPN	2010
1:00.98	H.REITEMEYER	GER	2011	M E N 95-99			6:00.99 JEAN LEEMPUT		FRA	2011
1:01.55	M.GIAMPIETRO	ITA	2013	*****			6:10.65 JOHN HARRISON		GBR	2010
1:01.64	BRUD CLEAVELAND	USA	2007	50 M. FREE			6:38.69 GARY WEISENTHAL		USA	2008
1:01.79	GEORGE CORONES	AUS	2009	47.30 GEORGE CORONES	AUS	2013	8:19.55 ALFREDO CHERCHI		AUS	2002
1:02.56	ALFRED SCHULHOF	CAN	2010	55.88 GUS LANGNER	USA	1998	8:23.02 JACK MATHESON		AUS	2012
1:04.60	BELA BANKI	HUN	2010	56.99 KAZUNAGA AKUTSU	JPN	2007	50 M. BRST			
1:04.85	RAYMOND HAKOMAKI	USA	2010	1:03.14 JARING TIMMERMAN	CAN	2005	1:10.01 GEORGE CORONES		AUS	2013
1:05.84	MITSUO SHIMO	JPN	1999	1:06.06 COLLISTER WHEELER	USA	1988	1:10.83 HIROMU YOSHIMOTO		JPN	2010
100 M. BRST				1:06.93 ALFREDO CHERCHI	AUS	2003	1:26.15 KAZUNAGA AKUTSU		JPN	2007
2:15.43	HIROMU YOSHIMOTO	JPN	2005	1:14.72 JOHN HARRISON	GBR	2009	1:26.61 GUS LANGNER		USA	1998
2:20.73	H.REITEMEYER	GER	2011	1:16.36 F.GIANNETTA	ITA	2012	1:35.45 ROMAN JEZEK		CAN	2009
2:23.53	RAYMOND HAKOMAKI	USA	2010	1:17.45 ALDO CAPUTI	ITA	2010	1:35.94 ALDO CAPUTI		ITA	2010
2:28.24	BRUD CLEAVELAND	USA	2007	1:20.07 ELI BARREIRO	ECU	2001	1:36.87 TOM LANE		USA	1989
2:30.45	ALFRED SCHULHOF	CAN	2010	100 M. FREE			1:36.92 JACK MATHESON		AUS	2012
2:30.49	GEORGE CORONES	AUS	2008	1:57.54 GEORGE CORONES	AUS	2013	1:44.98 RYUZO KADONO		JPN	2009
2:31.40	MASAHTSA KANEKO	JPN	2002	2:17.59 KAZUNAGA AKUTSU	JPN	2007	1:53.28 ARTHUR EVANS		AUS	2009
2:34.03	M.GIAMPIETRO	ITA	2013	2:29.32 GUS LANGNER	USA	1998	100 M. BRST			
2:34.78	BELA BANKI	HUN	2010	2:31.44 JARING TIMMERMAN	CAN	2005	2:40.08 HIROMU YOSHIMOTO		JPN	2010
2:39.02	HANS PAUL	GER	1998	2:44.63 JOHN HARRISON	GBR	2009	2:57.35 GEORGE CORONES		AUS	2013
200 M. BRST				3:02.33 F.GIANNETTA	ITA	2012	3:36.50 ROMAN JEZEK		CAN	2009
5:17.47	HIROMU YOSHIMOTO	JPN	2005	3:07.10 JEAN LEEMPUT	FRA	2011	3:38.45 GUS LANGNER		USA	1998
5:26.11	GEORGE CORONES	AUS	2009	3:07.28 ELI BARREIRO	ECU	2001	3:54.74 JACK MATHESON		AUS	2012
5:26.75	H.REITEMEYER	GER	2011	3:29.15 ROMAN JEZEK	CAN	2009	4:58.20 F.GIANNETTA		ITA	2012
5:35.18	MASAHTSA KANEKO	JPN	2002	3:30.27 ETSURO YASUI	JPN	2006	200 M. BRST			
5:49.32	BELA BANKI	HUN	2010	200 M. FREE			5:47.31 HIROMU YOSHIMOTO		JPN	2010
5:55.72	BRUD CLEAVELAND	USA	2007	5:13.23 GUS LANGNER	USA	1998	7:37.17 GUS LANGNER		USA	1998
5:57.88	M.GIAMPIETRO	ITA	2013	5:56.17 JARING TIMMERMAN	CAN	2005	7:54.76 ROMAN JEZEK		CAN	2009
6:04.55	ALFRED SCHULHOF	CAN	2010	6:30.80 GARY WEISENTHAL	USA	2008	8:11.63 JACK MATHESON		AUS	2012
6:11.58	RUSS WITTE	USA	2009	7:27.16 F.GIANNETTA	ITA	2012	12:08.37 F.GIANNETTA		ITA	2012
6:18.26	ROMAN JEZEK	CAN	2004	7:54.76 ROMAN JEZEK	CAN	2009	50 M. FLY			
50 M. FLY				10:27.88 J.STORZ	FRA	2010	1:37.18 ALDO CAPUTI		ITA	2010
1:00.30	WALTER PFEIFER	USA	2003	10:31.15 JACK MATHIESON	AUS	2012	2:01.41 WALTER PFEIFFER		USA	2008
1:05.95	ANDREW HOLDEN	USA	2009	400 M. FREE			2:40.49 EUGENE LEHMAN		CAN	2008
1:10.34	HEINZ SIEGEL	GER	2004	11:30.53 GUS LANGNER	USA	1998	100 M. FLY			
1:11.54	R.REINSTADTLER	GER	2002	13:43.10 GARY WEISENTHAL	USA	2008	4:09.52 WALTER PFEIFFER		USA	2008
1:11.57	TOKUSHI KOMEDA	JPN	2004	19:16.97 JACK MATHIESON	AUS	2012	200 M. FLY			
1:12.66	ALDO CAPUTI	ITA	2005	20:38.12 JEAN STORZ	FRA	2009	14:05.25 WALTER PFEIFFER		USA	2008
1:21.55	JOHN HARRISON	GBR	2004	800 M. FREE			200 M. I.M.			
1:23.87	JESSE COON	USA	2000	22:28.28 GUS LANGNER	USA	1998	8:55.97 WALTER PFEIFFER		USA	2008
1:26.07	JIM PENFIELD	USA	1998	28:18.13 GARY WEISENTHAL	USA	2008	400 M. I.M.			
2:06.54	EUGENE LEHMAN	CAN	2006	42:55.70 JACK MATHIESON	AUS	2012	17:29.20 WALTER PFEIFFER		USA	2008
100 M. FLY				1500 M. FREE						
2:31.03	WALTER PFEIFER	USA	2003	47:30.40 GUS LANGNER	USA	1999	*****			
2:46.91	ALDO CAPUTI	ITA	2005	82:25.34 JACK MATHIESON	AUS	2012	M E N 100-104			
3:29.53	JESSE COON	USA	2000	50 M. BACK			*****			
4:30.76	ROBERT DOUD	USA	2013	1:01.61 TOSHIJI SATO	JPN	2010	50 M. FREE			



[FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME \(1986-2013\)](#)

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