



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2007)

*****			18:01.57	DONNA JOHNSON	USA 1996	28.09	MARJA PARSSINEN	FIN 1997
WOMEN 25-29			50 M. BACK			28.19	JENNIFER BROOKS	USA 2003
*****			30.52	NAHOMI ERIGUCHI	JPN 2004	28.30	C.SIEVERT	GER 2000
50 M. FREE			30.73	KAORU ONO	JPN 1998	28.72	MABI TSUKIOKA	JPN 2007
25.42	ANNABEL KOSTEN	NED 2004	30.80	DIANE GRANER	USA 1989	28.72	SHELLY JOHNSTON	USA 2006
26.16	TATIANA BARBOSA	BRA 2007	30.84	ELENA PYATOVA	RUS 2007	28.79	ROSEMARIE SEAMAN	USA 1987
26.20	ALISON SHEPPARD	GBR 1998	31.05	PAMELA HANSON	USA 2005	28.81	HITOMI MATSUDA	JPN 2006
26.61	SANDRA KAZIKOVA	CZE 2005	31.14	HELEN SLATTER	GBR 1996	28.82	ANNA PETTIS-SCOTT	USA 1992
26.68	SARA SHAND	USA 1991	31.14	MARIA RIVERA	VEN 2002	28.87	SHARRON DAVIES	GBR 1990
26.82	HEATHER HAGEMAN	USA 1997	31.21	C.GIBSON	CAN 1986	28.98	LYNDSEY LINKE	USA 2006
26.89	ANTJE WIPPICH	GER 2007	31.26	NAOMI ARAKAWA	JPN 2007	100 M. FLY		
26.96	MONICA BENVENUTI	ITA 2003	31.30	JUNKO ANDO	JPN 2000	1:01.04	RACHEL KOMISARZ	USA 2001
26.99	PETRA MARTIN	USA 2005	100 M. BACK			1:03.18	SHELLY JOHNSTON	USA 2006
27.01	MIHO OKUHARA	JPN 2006	1:04.82	AKIKO MIZUMOTO	JPN 2007	1:03.29	HITOMI MATSUDA	JPN 2006
100 M. FREE			1:04.88	KANA OHASHI	JPN 2007	1:03.67	SHEILA TAORMINA	USA 1995
56.87	TATIANA BARBOSA	BRA 2007	1:05.02	ALISON SHEPPARD	GBR 1998	1:03.89	JENNIFER BROOKS	USA 2003
57.76	SHEILA TAORMINA	USA 1995	1:06.13	KAORU ONO	JPN 1998	1:03.91	ROSEMARIE SEAMAN	USA 1987
58.22	ALISON SHEPPARD	GBR 1998	1:06.37	LIA OBERSTAR	USA 2004	1:03.98	MONIQUE RODAHL	NZL 1989
58.23	SARA SHAND	USA 1991	1:06.46	MONIQUE RODAHL	NZL 1989	1:04.17	C.SIEVERT	GER 2000
58.59	HITOMI MATSUDA	JPN 2006	1:07.13	PAMELA HANSON	USA 2005	1:04.65	KIM VAN KRUYSSSEN	BEL 2000
58.65	CAROLINE KILIAN	USA 2006	1:07.18	LAUREN MORELLI	USA 2006	1:04.67	CHIZUKO UMIGUCHI	JPN 1996
58.72	MONICA BENVENUTI	ITA 2003	1:07.20	YUKO TAKUWA	JPN 1992	200 M. FLY		
58.75	KATATIN QUELENNEC	FRA 2006	1:07.23	ELENA PYATOVA	RUS 2007	2:16.82	KIM VAN KRUYSSSEN	BEL 2000
58.89	SILVIA SZALAI	GER 2001	200 M. BACK			2:17.51	SHEILA TAORMINA	USA 1996
58.97	ROSEMARIE SEAMAN	USA 1987	2:17.30	KANA OHASHI	JPN 2007	2:18.69	S.PALMERWHITE	AUS 1992
200 M. FREE			2:19.97	DIANE GRANER	USA 1989	2:18.80	CHIZUKO UMIGUCHI	JPN 1997
2:02.06	SHEILA TAORMINA	USA 1996	2:20.76	MONIQUE RODAHL	NZL 1989	2:20.72	HELEN SLATTER	GBR 1996
2:02.44	RACHEL KOMISARZ	USA 2001	2:20.88	ALISON SHEPPARD	GBR 1998	2:21.27	HITOMI MATSUDA	JPN 2006
2:06.37	KIM VAN KRUYSSSEN	BEL 2000	2:22.41	LIA OBERSTAR	USA 2004	2:22.42	JUNE FORD	USA 1987
2:06.81	HITOMI MATSUDA	JPN 2005	2:24.15	PAMELA HANSON	USA 2005	2:24.36	SARA L SHAND	USA 1989
2:07.11	SARA L SHAND	USA 1989	2:25.98	J.ADAMS	GBR 1987	2:25.02	JACKIE THOMPSON	GBR 1996
2:07.14	SHARRON DAVIES	GBR 1990	2:26.27	C.GIBSON	CAN 1986	2:25.54	PATRICIA BRITTO	BRA 1997
2:08.02	TATIANA BARBOSA	BRA 2006	2:26.62	MARTIE MC KINNEY	USA 1994	200 M. I.M.		
2:08.44	LYNNE BLOMBERG	USA 1989	2:27.28	CAMILLA JOHANSSON	USA 2002	2:19.65	MARGOT JANDEL	GER 2003
2:08.55	DIANE GRANER	USA 1989	50 M. BRST			2:20.71	HITOMI MATSUDA	JPN 2005
2:09.02	BETH KNIGHT	USA 1989	32.01	S.SEMINATORE	ITA 1989	2:21.98	ALLISON WAGNER	USA 2005
400 M. FREE			32.79	MANUELA NACKEL	GER 2000	2:22.00	SHARRON DAVIES	GBR 1990
4:13.03	SHEILA TAORMINA	USA 1996	33.54	SILKE HORNER	GER 1994	2:22.89	MONIQUE RODAHL	NZL 1989
4:16.31	RACHEL KOMISARZ	USA 2001	33.60	PETRA MARTIN	USA 2005	2:23.76	ALISON SHEPPARD	GBR 1998
4:24.11	SILVIA VIDA	GER 2003	33.68	HITOMI MATSUDA	JPN 2006	2:24.99	ANDREA SIMAKOVA	CZE 2003
4:26.63	KIM VAN KRUYSSSEN	BEL 2000	33.88	BEATE STEINHOF	GER 1992	2:25.45	SARA L SHAND	USA 1989
4:27.53	SARA L SHAND	USA 1989	33.98	ALISON SHEPPARD	GBR 1998	2:25.64	PAMELA HANSON	USA 2005
4:28.30	HITOMI MATSUDA	JPN 2006	34.08	BRIGITTE BECUE	BEL 2000	2:26.05	ELENA VOLPI	ITA 1997
4:30.24	CRISTINA TEUSCHER	GBR 2004	34.18	ELLEN VD VELDE	NED 2007	400 M. I.M.		
4:30.54	S.PALMERWHITE	AUS 1992	34.21	NICOLE HEIDEMANN	GER 2007	5:02.78	HITOMI MATSUDA	JPN 2006
4:31.02	MARY HOLMES	USA 1988	100 M. BRST			5:05.29	SHARRON DAVIES	GBR 1990
4:31.09	AMY POPE	USA 1988	1:12.09	BRIGITTE BECUE	BEL 2000	5:06.34	SARA L SHAND	USA 1989
800 M. FREE			1:12.65	HITOMI MATSUDA	JPN 2006	5:10.54	CRISTINA TEUSCHER	GBR 2004
8:47.44	RACHEL KOMISARZ	USA 2001	1:13.15	MANUELA NACKEL	GER 1999	5:11.02	S.PALMERWHITE	AUS 1992
8:53.93	K.BISHOP	AUS 1989	1:14.97	KATJA BRASCHOSS	GER 2006	5:11.68	ALLISON WAGNER	USA 2005
9:15.29	PAULA WOOD	GBR 2007	1:15.31	CHARLOTTE MUSTARD	GBR 1996	5:12.22	LYNNE BLOMBERG	USA 1989
9:18.43	SARA L SHAND	USA 1989	1:15.33	WIEBKE CONRAD	GER 2006	5:12.46	KARLYN PIPES	USA 1987
9:18.74	MARY HOLMES	USA 1988	1:15.48	HELEN SALCEDO	USA 2002	5:13.94	CHRIS WIEGAND	GER 2000
9:18.78	JUDY FORD	USA 1988	1:15.56	NICOLE HEIDEMANN	GER 2007	5:14.47	MIEKE SMET	BEL 2000
9:24.22	MARY H ROEBUCK	USA 1990	1:15.89	REBECCA BRUCH	USA 2000	*****		
9:26.72	VIVIANE MOTTI	BRA 2000	1:15.95	ALLISON WAGNER	USA 2005	*****		
9:28.85	KAREN CLIFTON	GBR 1996	200 M. BRST			WOMEN 30-34		
9:29.04	LISA A JOHNS	USA 1991	2:35.46	HITOMI MATSUDA	JPN 2006	*****		
1500 M. FREE			2:38.22	KATJA BRASCHOSS	GER 2006	50 M. FREE		
16:39.77	RACHEL KOMISARZ	USA 2001	2:39.94	NICOLE HEIDEMANN	GER 2007	25.99	TONI JEFFS	NZL 2002
17:26.88	PAULA WOOD	GBR 2007	2:42.02	SHARRON DAVIES	GBR 1990	26.18	KATRINA RADKE	USA 2004
17:27.96	SHEILA TAORMINA	USA 1995	2:43.89	CRISTINA TEUSCHER	GBR 2004	26.25	ANGEL MARTINO	USA 2000
17:38.09	S. PALMER-WHITE	AUS 1991	2:44.36	SUKI BROWNSDON	GBR 1991	26.37	S.NEILSON-BELL	USA 1988
17:38.78	AMY POPE	USA 1988	2:44.80	BARBARA ARRIGO	ITA 2004	26.38	PEGGY GROSS	USA 2002
17:41.64	LINDA GALLO	USA 2004	2:44.88	WIEBKE CONRAD	GER 2006	26.59	PASCALE VERBAUWEN	BEL 1993
17:50.23	AMY LEPPING	USA 1987	2:45.04	REBECCA BRUCH	USA 2000	26.75	TRACIE MOLL	USA 1998
17:54.78	HITOMI MATSUDA	JPN 2005	2:45.09	PIA THULSTRUP	DEN 1990	26.95	NADINE ROLLAND	CAN 2005
17:55.84	EVA MORTENSEN	GBR 1996	50 M. FLY			27.00	BARBARA COLORIO	ITA 2006



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27.14	JANET MAYVILLE	CAN	2005	1:05.42	DIANE GALLAS	USA	1996	1:03.93	TRACIE MOLL	USA	1998
100 M. FREE				1:05.54	K.PIPES-NEILSEN	USA	1996	1:04.08	LAURA BIANZANI	ITA	2004
57.09	ANGEL MARTINO	USA	2000	1:07.13	M.RIVERA	VEN	2004	1:04.43	K.PIPES-NEILSEN	USA	1996
58.01	PASCALE VERBAUWEN	BEL	1993	1:07.34	PASCALE VERBAUWEN	BEL	1996	1:04.51	NADINE ROLLAND	CAN	2005
58.09	S.NEILSON-BELL	USA	1988	1:07.63	JOANNA CORBEN	GBR	2002	1:04.80	PASCALE VERBAUWEN	BEL	1996
58.38	TRACIE MOLL	USA	1998	1:07.97	MARTIE MC KINNEY	USA	1995	1:05.33	EVGUENIA OJOGUINA	RUS	1999
58.95	KARIN SEICK	GER	1994	1:08.01	NAHOMI SHIRATA	JPN	2006	1:05.36	FLORENCE CIOTTI	ITA	2006
59.02	K.PIPES-NEILSEN	USA	1996	1:08.24	JOANNA SWATTON	GBR	2000	1:05.44	SANDIE EASTON	USA	2002
59.21	HITOMI MATSUDA	JPN	2007	1:08.29	C.J-SPONSELLER	USA	2006	200 M. FLY			
59.23	KATJA TROSIEN	GER	2007	1:08.46	GITTE RAAGAARD	DEN	2004	2:13.60	METTE JACOBSEN	DEN	2006
59.34	BETH KNIGHT	USA	1989	200 M. BACK				2:20.07	EVGUENIA OJOGUINA	RUS	1999
59.56	TAMARA VAN GORKOM	NED	2005	2:17.73	K.PIPES-NEILSEN	USA	1996	2:20.12	K.PIPES-NEILSEN	USA	1996
200 M. FREE				2:21.26	DIANE GALLAS	USA	1996	2:21.46	LAURA BIANZANI	ITA	2004
2:06.80	K.PIPES-NEILSEN	USA	1996	2:22.52	JOANNA CORBEN	GBR	2002	2:21.50	HITOMI MATSUDA	JPN	2007
2:06.87	HITOMI MATSUDA	JPN	2007	2:23.47	DAPHNE FUCHS	GER	1993	2:22.57	HIDEKA KOSHIMIZU	JPN	1995
2:07.84	BETH KNIGHT	USA	1989	2:24.09	JO SWATTON	GBR	2001	2:23.26	MARTIE MC KINNEY	USA	1995
2:07.87	KATJA TROSIEN	GER	2007	2:25.67	GITTE RAAGAARD	DEN	2004	2:23.35	MELISSA VARLAS	USA	2005
2:08.26	ANGEL MARTINO	USA	2000	2:26.99	ZENA HERRMANN	USA	1992	2:24.34	SANDIE EASTON	USA	2002
2:08.29	KIRSTEN CAMERON	NZL	2007	2:28.77	SANDIE EASTON	USA	2002	2:25.18	NADINE DAY	USA	2004
2:09.12	LYNN MARSHALL	CAN	1992	2:28.86	KATHERINE VEALE	GBR	2000	200 M. I.M.			
2:09.14	NADINE DAY	USA	2004	2:29.22	JUDITH LALLIER	USA	1993	2:21.59	HITOMI MATSUDA	JPN	2007
2:09.68	TRACIE MOLL	USA	1998	50 M. BRST				2:23.12	K.PIPES-NEILSEN	USA	1996
2:09.93	KARIN SEICK	GER	1994	33.12	HITOMI MATSUDA	JPN	2007	2:24.12	NADINE DAY	USA	2004
400 M. FREE				33.61	KATIE MCCLELLAND	USA	2007	2:25.90	WENKE HANSEN	USA	2000
4:27.11	KIRSTEN CAMERON	NZL	2007	33.84	WENKE HANSEN	USA	1999	2:26.17	YVETTA HLAVACOVA	CZE	2005
4:27.69	HITOMI MATSUDA	JPN	2007	34.46	S.HORNER-SCHUCK	GER	1995	2:26.41	HIDEKA KOSHIMIZU	JPN	1995
4:28.76	K.PIPES-NEILSEN	USA	1996	34.56	JANA HEIDEMANN	GER	2002	2:27.01	HIDEKO HIRANAKA	JPN	2003
4:30.38	BETH L KNIGHT	USA	1991	34.70	KAREN JACKSON	GBR	2004	2:28.27	SARAH GARRETT	GBR	1996
4:31.93	SUSAN PORTER	USA	1994	34.73	DAGMAR HILBIG	FRG	1989	2:28.63	JUDITH LALLIER	USA	1993
4:32.52	LISA HAZEN	USA	1995	34.74	SIOBHAN HARTLEY	GBR	2000	2:28.71	ERENDRIA VILLEGAS	MEX	2007
4:33.08	SUSAN PAMELIA	USA	1986	34.93	S.SEMINATORE	ITA	1995	400 M. I.M.			
4:33.22	LYNN MARSHALL	CAN	1992	35.04	LOUISE MARTIN	USA	1999	5:03.97	K.PIPES-NEILSEN	USA	1996
4:33.93	KATJA TROSIEN	GER	2007	100 M. BRST				5:05.05	HIDEKA KOSHIMIZU	JPN	1995
4:34.04	MARY ROEBUCK	USA	1994	1:12.85	HITOMI MATSUDA	JPN	2007	5:05.62	HITOMI MATSUDA	JPN	2007
800 M. FREE				1:13.46	KATIE MCCLELLAND	USA	2007	5:09.93	NADINE DAY	USA	2004
9:13.22	KIRSTEN CAMERON	NZL	2007	1:14.53	WENKE HANSEN	USA	1999	5:11.39	KAREN BURTON	USA	1992
9:16.82	LYNN MARSHALL	CAN	1992	1:15.45	NADINE DAY	USA	2004	5:13.97	SUSAN PORTER	USA	1994
9:17.54	YVETTA HLAVACOVA	CZE	2005	1:15.62	KAREN JACKSON	GBR	2004	5:15.13	SANDIE EASTON	USA	2002
9:19.96	SUSAN PORTER	USA	1994	1:16.21	S.HORNER-SCHUCK	GER	1995	5:17.33	LAUREEN WELTING	USA	1999
9:20.20	BETH L KNIGHT	USA	1991	1:16.26	M.HOHMANN	GBR	1987	5:17.34	KATHERINE VEALE	GBR	2000
9:22.73	KAREN BURTON	USA	1996	1:16.58	DAGMAR HILBIG	FRG	1989	5:17.90	MIEKE SMET	BEL	2004
9:24.66	KARLYN PIPES	USA	1995	1:16.58	ANNETT REX	GER	2002	*****			
9:24.87	MARY ROEBUCK	USA	1994	1:17.04	LOUISE MARTIN	USA	1999	*****			
9:25.74	CRISTINA SOSSI	ITA	2004	200 M. BRST				*****			
9:26.26	K.PARKER-MEDLIN	USA	1992	2:35.33	HITOMI MATSUDA	JPN	2007	*****			
1500 M. FREE				2:41.51	WENKE HANSEN	USA	1999	*****			
17:38.70	KAREN BURTON	USA	1996	2:41.69	KATIE MCCLELLAND	USA	2007	50 M. FREE			
17:43.52	KIRSTEN CAMERON	NZL	2007	2:45.80	KAREN JACKSON	GBR	2004	25.98	DARA TORRES	USA	2006
17:48.44	K.PIPES-NEILSEN	USA	1996	2:46.81	HIDEKA KOSHIMIZU	JPN	1995	26.53	EDITH OTTERMANN	RSA	2004
17:48.60	LISA HAZEN	USA	1996	2:47.73	CAROLINE MATHIAS	FRA	2006	26.66	TRACIE MOLL	USA	1999
17:53.28	HITOMI MATSUDA	JPN	2007	2:48.03	NADINE DAY	USA	2003	26.68	S.NEILSON-BELL	USA	1996
17:55.58	BETH L KNIGHT	USA	1991	2:48.41	DAGMAR HILBIG	FRG	1989	26.85	PEGGY GROSS	USA	2004
18:02.01	AMY POPE	USA	1991	2:48.75	LOUISE MARTIN	USA	1999	27.09	SHERI HART	USA	2006
18:04.42	S.PAMELIA	USA	1986	2:49.65	MARIT BREITFELD	GER	2007	27.09	M DRUECKHAMMER	USA	2002
18:11.40	LYNN MARSHALL	CAN	1994	50 M. FLY				27.14	MELINDA MAROSI	HUN	2005
18:12.67	MARY ROEBUCK	USA	1994	27.59	ANGEL MARTINO	USA	2000	27.16	BETH KNIGHT	USA	1994
50 M. BACK				28.02	NADINE ROLLAND	CAN	2007	27.37	YUKIKO OZAWA	JPN	2003
30.82	NAHOMI SHIRATA	JPN	2006	28.77	TRACIE MOLL	USA	1998	100 M. FREE			
30.94	DIANE GALLAS	USA	1996	28.82	JUNKO ONISHI	JPN	2006	58.87	S.NEILSON-BELL	USA	1995
31.03	KIKKI MYHRBRO	NED	1994	28.95	HITOMI MATSUDA	JPN	2007	58.94	BETH KNIGHT	USA	1994
31.09	NADINE ROLLAND	CAN	2007	29.17	PASCALE VERBAUWEN	BEL	1996	59.16	SHERI HART	USA	2006
31.24	PASCALE VERBAUWEN	BEL	1996	29.19	LAURA BIANZANI	ITA	2004	59.20	TRACIE MOLL	USA	1999
31.47	KARLYN PIPES	USA	1994	29.22	BETH HARRELL	USA	1992	59.21	K.PIPES-NEILSEN	USA	1997
31.64	GITTE RAAGAARD	DEN	2004	29.28	K.PIPES-NEILSEN	USA	1996	59.29	M DRUECKHAMMER	USA	2002
31.69	ANGEL MARTINO	USA	1999	29.32	YUKI INOUE	JPN	2003	59.47	MELINDA MAROSI	HUN	2005
31.72	HELEN JAMESON	GBR	1995	100 M. FLY				59.48	PEGGY GROSS	USA	2004
31.76	M.RIVERA	VEN	2004	1:00.03	ANGEL MARTINO	USA	2000	59.53	SHEILA TAORMINA	USA	2006
100 M. BACK				1:02.44	HITOMI MATSUDA	JPN	2007	59.71	KARIN SEICK	GER	1996
								200 M. FREE			



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Table of swimming records with columns for time, name, country, and year. Includes a section for Women 40-44. Records range from 2:06.62 to 4:34.33.



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4:35.74	PENNY PALFREY	AUS	2002	35.24	MARZENA KULIS	ITA	2007	2:31.84	MARZENA KULIS	ITA	2006
4:36.26	SUSAN DOMBKOWSKI	USA	2006	35.69	MONICA CORO	ITA	2005	2:32.27	ANGELA DELISSEN	GER	2007
4:38.69	JILL HERNANDEZ	USA	2000	35.71	JENNY WHITELEY	AUS	1999	2:32.95	SUSAN PRESTON	USA	2006
4:39.66	LISA HAZEN	USA	2006	35.74	K PIPES-NEILSEN	USA	2003	2:33.68	S.REIBEL-OBERLE	GER	2004
4:39.82	S HEIM-BOWEN	USA	1999	35.77	ELKE SCHMITZ	GER	2004	2:33.72	BEV MCCARNEY	RSA	2004
4:39.93	SUSANNE SIMPSON	USA	2004	35.88	MARIE CHARLES	FRA	2004	2:33.86	SILVIA PAROCCHI	ITA	2006
4:40.36	C PETERSEN	USA	2004	35.88	DAGMAR FRESE	GER	1996	400 M.	I.M.		
4:43.05	N.MUIR-COCHRANE	GBR	2004	100 M.	BRST			5:09.83	K PIPES-NEILSEN	USA	2004
	800 M.	FREE		1:13.34	S.VON DER LIPPE	USA	2006	5:21.32	JILL HERNANDEZ	USA	2000
9:21.75	K PIPES-NEILSEN	USA	2003	1:13.82	CAROLINE KRATTLI	USA	2002	5:21.87	MARZENA KULIS	ITA	2006
9:24.90	PENNY PALFREY	AUS	2002	1:14.90	MARZENA KULIS	ITA	2006	5:26.54	ANGELA DELISSEN	GER	2007
9:25.95	SUSAN PRESTON	USA	2006	1:16.81	DAGMAR HILBIG	GER	2000	5:26.74	CAROLINE KRATTLI	USA	2002
9:25.95	SUZAN HEIM-BOWEN	USA	2001	1:17.27	S.SEMINATORE	ITA	2004	5:27.97	S.REIBEL-OBERLE	GER	2006
9:31.64	JILL HERNANDEZ	USA	2000	1:18.57	DAGMAR FRESE	GER	1996	5:28.17	REBECCA PERROTT	NZL	2002
9:34.55	N.MUIR-COCHRANE	GBR	2004	1:18.62	MARIE CHARLES	FRA	2004	5:28.19	LAUREEN WELTING	USA	2007
9:36.13	SUSAN DOMBKOWSKI	USA	2006	1:19.82	MONICA CORO	ITA	2006	5:28.81	PENNY PALFREY	AUS	2002
9:39.53	C PETERSEN	USA	2004	1:20.20	SVELTANA SAVINO	FIN	2004	5:30.27	N.MUIR-COCHRANE	GBR	2004
9:41.72	LISA HAZEN	USA	2006	1:20.26	ELKE SCHMITZ	GER	2005				
9:41.90	SUSANNE SIMPSON	USA	2004	200 M.	BRST			*****			
	1500 M.	FREE		2:38.44	S.VON DER LIPPE	USA	2006		WOMEN 45-49		
17:56.52	K PIPES-NEILSEN	USA	2003	2:42.06	CAROLINE KRATTLI	USA	2002	*****			
18:14.34	SUZ HEIM-BOWEN	USA	1998	2:43.17	MARZENA KULIS	ITA	2006	50 M.	FREE		
18:15.98	N.MUIR-COCHRANE	GBR	2004	2:49.95	DAGMAR HILBIG	GER	1999	27.44	SUSAN WALSH	USA	2007
18:25.26	JILL HERNANDEZ	USA	2000	2:52.91	H.MORRIS-EYTON	RSA	2007	27.76	BRIGITTE HEUER	USA	2006
18:25.28	LYNN MARSHALL	CAN	2002	2:53.47	MARIE CHARLES	FRA	2004	27.78	BETH LUTZ KNIGHT	USA	2005
18:44.49	LESLEIGH MAYES	AUS	2001	2:54.35	S.SEMINATORE	ITA	2005	27.81	LISA DAHL	USA	2006
18:50.58	DENISE BROWN	USA	2003	2:54.47	JAN FOWLER	AUS	2002	28.07	BERGER-TALOCCHINO	FRA	2002
18:50.80	ELENE KAY JONES	ITA	2005	2:54.61	ANGELA DELISSEN	GER	2007	28.20	SARAH MACDONALD	CAN	2005
18:57.62	AMY DANTZLER	USA	2007	2:56.08	K.PIPES-NEILSEN	USA	2003	28.25	K.PIPES-NEILSEN	USA	2007
19:00.13	ANNA MARIA NUNIA	ITA	2004	50 M.	FLY			28.30	JACKI HIRSTY	USA	1998
	50 M.	BACK		28.62	S.VON DER LIPPE	USA	2006	28.38	KATHY GARNIER	USA	2005
31.99	BEVERLEY MCCARNEY	RSA	2004	28.97	ELIZABETH EMERY	USA	2002	28.53	JENNY WHITELEY	AUS	2003
32.19	K PIPES-NEILSEN	USA	2002	29.13	SILVIA PAROCCHI	ITA	2007	100 M.	FREE		
32.25	LAURA VAL	USA	1994	29.29	MARIA DOELGER	USA	2003	59.79	K.PIPES-NEILSEN	USA	2007
32.28	CAROLINE KRATTLI	USA	2002	29.35	K PIPES-NEILSEN	USA	2002	1:00.16	SUSAN WALSH	USA	2007
32.31	SUSAN WALSH	USA	2004	29.41	EDITH OTTERMANN	RSA	2006	1:00.95	BETH LUTZ KNIGHT	USA	2005
32.33	SILVIA PAROCCHI	ITA	2007	29.59	BETH BAKER	USA	2001	1:01.39	SARAH MACDONALD	CAN	2005
32.33	M.RODAHL-WILLIAMS	NZL	2002	29.64	NATALIYA MATVEEVA	RUS	2007	1:01.92	KATHY GARNIER	USA	2006
32.34	HIROKO NOGUCHI	JPN	2007	29.67	BEVERLEY MCCARNEY	RSA	2004	1:02.11	SUZANN HEIM-BOWEN	USA	2003
32.41	VALERIE JENKINS	USA	2006	29.79	SUSAN WALSH	USA	2006	1:02.34	BERGER-TALOCCHINO	FRA	2002
32.49	L VAN PELT-DILLER	USA	2002	29.79	BARBARA GELLRICH	GER	2002	1:02.55	LAURA VAL	USA	2000
	100 M.	BACK		100 M.	FLY			1:02.83	JENNY WHITELEY	AUS	2003
1:07.69	K PIPES-NEILSEN	USA	2003	1:03.38	S.VON DER LIPPE	USA	2006	1:02.86	JACKI HIRSTY	USA	1998
1:08.64	SILVIA PAROCCHI	ITA	2007	1:04.74	K PIPES-NEILSEN	USA	2003	200 M.	FREE		
1:09.88	BETH BAKER	USA	2001	1:05.33	SILVIA PAROCCHI	ITA	2007	2:11.44	K.PIPES-NEILSEN	USA	2007
1:10.38	L VAN PELT-DILLER	USA	2002	1:05.61	BETH BAKER	USA	2001	2:12.76	BETH LUTZ KNIGHT	USA	2005
1:10.65	M.RODAHL-WILLIAMS	NZL	2002	1:05.80	BEVERLEY MCCARNEY	RSA	2004	2:13.17	SUZANN HEIM-BOWEN	USA	2003
1:11.00	ELLEN REYNOLDS	USA	2006	1:06.27	LAURA VAL	USA	1992	2:13.85	JILL HERNANDEZ	USA	2005
1:11.03	LAURA VAL	USA	1992	1:06.40	MARZENA KULIS	ITA	2007	2:14.84	SUSANNE SIMPSON	USA	2005
1:11.04	CAROLINE KRATTLI	USA	2002	1:06.41	MARIA DOELGER	USA	2003	2:16.23	JANA MATENA	USA	2007
1:11.13	UTE ROMBERG	GER	2002	1:06.73	DANIELA DE PONTI	ITA	2006	2:16.67	JENNY WHITELEY	AUS	2003
1:11.22	A.LUALLEN-EGG	USA	2005	1:06.88	BARBARA GELLRICH	GER	2003	2:16.85	REBECCA PERROTT	NZL	2006
	200 M.	BACK		200 M.	FLY			2:16.90	ELENE KAY JONES	USA	2006
2:23.64	K PIPES-NEILSEN	USA	2003	2:24.77	K PIPES-NEILSEN	USA	2003	2:17.12	LAURA VAL	USA	1998
2:28.14	SILVIA PAROCCHI	ITA	2007	2:24.78	S.VON DER LIPPE	USA	2006	400 M.	FREE		
2:31.66	BETH BAKER	USA	2001	2:25.15	SUSAN PRESTON	USA	2006	4:38.29	K.PIPES-NEILSEN	USA	2007
2:33.10	ELLEN REYNOLDS	USA	2006	2:29.37	SUSANNE SIMPSON	USA	2002	4:39.20	SUZANN HEIM-BOWEN	USA	2003
2:33.31	SALLY BELL	AUS	2005	2:29.81	BETH BAKER	USA	2001	4:42.52	LYNN MARSHALL	CAN	2007
2:34.18	ZENA COURTNEY	USA	1999	2:30.47	BIRGIT LOHBERG	USA	2007	4:44.30	SUSANNE SIMPSON	USA	2006
2:34.37	LESLEY WILDE	GBR	2000	2:32.14	S HEIM-BOWEN	USA	1999	4:45.57	JILL HERNANDEZ	USA	2005
2:35.37	JILL GELLATLY	USA	2007	2:32.41	MARZENA KULIS	ITA	2007	4:46.09	ELENE KAY JONES	ITA	2005
2:35.63	HELEN WHITFORD	AUS	2007	2:32.59	LAURA VAL	USA	1995	4:49.82	JANA MATENA	USA	2007
2:35.83	ANGELA DELISSEN	GER	2006	2:32.96	ANGELA DELISSEN	GER	2007	4:50.82	MARIA BRANCO	BRA	1998
	50 M.	BRST		200 M.	I.M.			4:52.03	LAURA VAL	USA	2000
33.25	S.VON DER LIPPE	USA	2006	2:25.03	S.VON DER LIPPE	USA	2007	4:52.17	JENNY WHITELEY	AUS	2003
33.79	CAROLINE KRATTLI	USA	2002	2:25.38	K PIPES-NEILSEN	USA	2003	800 M.	FREE		
34.20	S.SEMINATORE	ITA	2004	2:29.80	CAROLINE KRATTLI	USA	2002	9:24.11	K.PIPES-NEILSEN	USA	2007
34.97	DAGMAR HILBIG	GER	2000	2:30.96	JILL HERNANDEZ	USA	2000	9:24.53	SUZANN HEIM-BOWEN	USA	2003



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9:47.56	ELENE KAY JONES	ITA	2005	1:21.72	MELINDA MANN	USA	2002	5:42.02	CECILIA STANFORD	RSA	2006	
9:48.77	SUSANNE SIMPSON	USA	2005	1:22.27	SUSAN ROY	USA	1994	5:42.22	KAREN EINSIDLER	USA	2003	
9:51.67	MARGEE CURRAN	USA	2006	1:22.46	SARAH MACDONALD	CAN	2006	5:43.39	BARBARA GELLRICH	GER	2007	
9:55.34	S.HEIM-BOWEN	USA	2007	1:22.63	DAGMAR FRESE	GER	2001	5:44.03	LYNN DE GEORGE	USA	2006	
9:55.42	LYNN MARSHALL	CAN	2006	1:22.80	JAN FOWLER	AUS	2003					
10:01.17	LYNN DE GEORGE	USA	2006	1:22.85	COLETTE CRABBE	USA	2002					
10:01.39	ROBIN KLESTINEC	USA	2006		200 M. BRST							
10:02.69	KAREN EINSIDLER	USA	2003	2:45.20	CAROLINE KRATTLI	USA	2007					
	1500 M. FREE			2:51.02	JUDIT HAJDU	AUT	2007					
17:55.83	SUZANN HEIM-BOWEN	USA	2003	2:54.49	MONICA CORO	ITA	2007					
18:31.35	LYNN MARSHALL	CAN	2006	2:55.96	JENNY WHITELEY	AUS	2003					
18:36.80	ELENE KAY JONES	ITA	2006	2:57.24	COLETTE CRABBE	USA	2001					
19:13.05	C.TARANTINO	ITA	2004	2:57.38	ULRIKE URBANIAK	GER	1998					
19:15.90	KAREN EINSIDLER	USA	2002	2:58.57	AMANDA HEATH	GBR	2004					
19:25.40	DENISE BROWN	USA	2005	2:59.16	MARJA BLOEMZAAD	NED	2007					
19:26.97	LAURA VAL	USA	1998	2:59.35	JAN FOWLER	AUS	2003					
19:28.05	MARGUERITE MEYER	USA	2007	3:00.55	KIM CROUCH	USA	2006					
19:28.34	BARBARA DUNBAR	USA	1994		50 M. FLY							
19:33.19	JENNY WHITELEY	AUS	2004	29.68	K.PIPES-NEILSEN	USA	2007					
	50 M. BACK			29.84	SUSAN WALSH	USA	2007					
	31.85	SUSAN WALSH	USA	2007	30.30	ANGELA ZINGLER	GER	2001	1:01.13	LAURA VAL	USA	2001
	32.10	K.PIPES-NEILSEN	USA	2007	30.40	ROBIN PARISI	USA	2002	1:03.58	JACKI HIRSTY	USA	2003
	32.65	VERA CAPKOVA	BEL	2006	30.41	LISA DAHL	USA	2007	1:04.23	HEATHER CAMPBELL	NZL	2006
	32.93	LAURA VAL	USA	1997	30.48	ARLENE DELMAGE	USA	2007	1:04.81	K.ANDRUS-HUGHES	USA	2007
	33.01	SHIZUKO HIRAISHI	JPN	2007	30.48	SHANE GOULD	AUS	2004	1:05.02	ANGELA ZINGLER	GER	2004
	33.18	KARIN SEICK	GER	2006	30.54	SHIZUKO HIRAISHI	JPN	2007	1:05.14	LYNN MORRISON	USA	2006
	33.34	K.ANDRUS-HUGHES	USA	2006	30.68	KARIN SEICK	GER	2006	1:05.18	ROBIN PARISI	USA	2004
	33.40	CATHY SHEEHAN	CAN	2005	30.73	JILL HERNANDEZ	USA	2005	1:05.21	BERGER TALOCHINO	FRA	2006
	33.43	PENNY NOYES	USA	2000		100 M. FLY			1:05.54	ATIE PIJTAK	NED	2007
	33.48	LESLIE LIVINGSTON	USA	2007	1:06.96	K.PIPES-NEILSEN	USA	2007	1:06.02	SUSAN HALFACRE	USA	2002
	100 M. BACK			1:07.30	JILL HERNANDEZ	USA	2005		200 M. FREE			
1:09.66	SUSAN WALSH	USA	2007	1:08.02	LAURA VAL	USA	1998	2:15.37	LAURA VAL	USA	2001	
1:10.12	K.PIPES-NEILSEN	USA	2007	1:08.56	SUSANNE SIMPSON	USA	2005	2:22.18	JACKI HIRSTY	USA	2003	
1:11.18	VERA CAPKOVA	BEL	2006	1:08.72	ARLENE DELMAGE	USA	2007	2:22.85	DANIELLE OGIER	USA	2002	
1:11.68	SALLY BELL	AUS	2007	1:08.77	ANDREA BLOCK	USA	2006	2:24.37	KAREN EINSIDLER	USA	2006	
1:11.87	VIBEKE SWANSON	USA	2007	1:08.95	SHANE GOULD	JPN	2005	2:24.66	CHARLENE O'BRIEN	USA	2006	
1:12.69	LESLEY WILDE	GBR	2004	1:08.96	JUDY HATTLE	GBR	2005	2:24.99	JILL JONES	GBR	2007	
1:12.70	LAURA VAL	USA	1997	1:09.53	CECILIA STANFORD	RSA	2006	2:25.06	BARBARA DUNBAR	USA	2000	
1:13.25	CATHY SHEEHAN	CAN	2005	1:09.66	BARBARA GELLRICH	GER	2007	2:25.94	HEATHER CAMPBELL	NZL	2006	
1:13.67	PATTY LANDERS	USA	2001		200 M. FLY			2:26.14	MARY LIPPOLD	USA	2006	
1:13.88	K.ANDRUS-HUGHES	USA	2003	2:27.33	K.PIPES-NEILSEN	USA	2007	2:26.27	SUSAN HALFACRE	USA	2002	
	100 M. BACK			2:31.37	LAURA VAL	USA	1998		400 M. FREE			
2:28.42	K.PIPES-NEILSEN	USA	2007	2:32.07	SUSANNE SIMPSON	USA	2006	4:47.93	LAURA VAL	USA	2002	
2:33.51	SALLY BELL	AUS	2007	2:33.37	LYNN MARSHALL	CAN	2006	4:59.43	JACKI HIRSTY	USA	2003	
2:34.80	SUSAN WALSH	USA	2007	2:34.05	ANDREA BLOCK	USA	2006	5:00.65	CELESTE MILLER	USA	2000	
2:36.03	LESLEY WILDE	GBR	2004	2:35.32	ARLENE DELMAGE	USA	2007	5:02.92	C.TARANTINO	ITA	2005	
2:38.02	NAOKO SHIDE	JPN	2007	2:35.38	ROBIN KLESTINEC	USA	2006	5:04.00	KAREN EINSIDLER	USA	2006	
2:38.04	PATTY LANDERS	USA	2001	2:37.84	CYNTHIA PINCOTT	CAN	2007	5:04.54	DANIELLE OGIER	USA	2002	
2:38.48	VIBEKE SWANSON	USA	2007	2:37.84	COLETTE CRABBE	USA	2005	5:04.59	CHARLENE O'BRIEN	USA	2006	
2:39.01	C.TARANTINO	ITA	2003	2:38.75	JENNY WHITELEY	AUS	2003	5:05.16	SUSAN HALFACRE	USA	2002	
2:39.67	LYNN DE GEORGE	USA	2006		200 M. I.M.			5:07.97	BARBARA DUNBAR	USA	2002	
2:40.68	ROBIN KLESTINEC	USA	2006	2:31.06	K.PIPES-NEILSEN	USA	2007	5:08.31	LAURA VACA	PUR	2003	
	50 M. BRST			2:32.46	JILL HERNANDEZ	USA	2005		800 M. FREE			
	33.98	CAROLINE KRATTLI	USA	2007	2:34.10	CAROLINE KRATTLI	USA	2007	9:52.55	LAURA VAL	USA	2002
	34.74	MAGGIE KELLY	GBR	2001	2:35.64	CECILIA STANFORD	RSA	2006	10:14.15	C.TARANTINO	ITA	2005
	35.56	MONICA CORO	ITA	2007	2:35.74	COLETTE CRABBE	USA	2003	10:17.70	CELESTE MILLER	USA	2000
	35.99	JENNY WHITELEY	AUS	2003	2:36.54	REBECCA PERROTT	NZL	2006	10:21.14	JACKI HIRSTY	USA	2003
	36.08	K.PIPES-NEILSEN	USA	2007	2:38.13	SHANE GOULD	AUS	2003	10:22.42	LAURA VACA	MEX	2004
	36.67	JUDY WOODWARD	CAN	2003	2:39.67	KAREN EINSIDLER	USA	2003	10:23.66	BARBARA DUNBAR	USA	2002
	36.97	SUSAN ROY	USA	1994	2:40.09	LYNN DE GEORGE	USA	2006	10:27.62	CHARLENE O'BRIEN	USA	2006
	37.35	MELINDA MANN	USA	2001	2:40.09	LESLEY WILDE	GBR	2004	10:35.50	KAREN EINSIDLER	USA	2006
	37.41	JAN FOWLER	AUS	2003		400 M. I.M.			10:36.52	DIANNE FOSTER	CAN	1998
	37.46	VERITY DOBBIE	GBR	2004	5:19.44	K.PIPES-NEILSEN	USA	2007	10:39.61	DANIELLE OGIER	USA	2002
	100 M. BRST			5:27.67	JILL HERNANDEZ	USA	2005		1500 M. FREE			
1:15.65	CAROLINE KRATTLI	USA	2007	5:33.29	REBECCA PERROTT	NZL	2006	19:08.69	LAURA VAL	USA	2001	
1:18.19	MAGGIE KELLY	GBR	2001	5:35.38	VIBEKE SWANSON	USA	2007	19:39.40	C.TARANTINO	ITA	2005	
1:18.26	MONICA CORO	ITA	2007	5:36.38	LYNN MARSHALL	CAN	2006	19:40.24	BARBARA DUNBAR	USA	2002	
1:19.49	JENNY WHITELEY	AUS	2003	5:37.68	COLETTE CRABBE	USA	2002	20:11.89	CHARLENE O'BRIEN	USA	2006	



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20:30.54	CELESTE MILLER	USA	2000	3:08.23	IRINA SHANGINA	RUS	2006	30.43	COLNY TUCKER	USA	2006
20:32.63	K LANGTHORNE	AUS	1999	3:08.65	KAREN MELICK	USA	2007	30.52	REGULA STEIGER	SUI	2007
20:33.27	KATHI LINDSTROM	USA	2003	3:08.69	LO KNAPP	USA	2006	30.56	CHARLOTTE DAVIS	USA	2006
20:36.57	N.STEADMAN-MARTIN	USA	2005	3:08.74	CHRISTIANE HEEREN	GER	1999	30.74	YOSHIKO KADOSAKA	JPN	2004
20:43.17	SUSAN HALFACRE	USA	2002	50 M. FLY				30.83	ARDETH MUELLER	USA	1997
20:43.97	TERRY GAULT	USA	2000	30.24	ANGELA ZINGLER	GER	2004	30.85	ROSARIO VIVANCO	PER	2004
50 M. BACK				30.71	JUDY OLIVER	CAN	1985	100 M. FREE			
32.87	J SWAGERTY-HILL	USA	2002	30.72	LAURA VAL	USA	2001	1:02.02	LAURA VAL	USA	2007
33.26	K.ANDRUS-HUGHES	USA	2007	31.50	MELINDA MANN	USA	2006	1:06.80	CONNY BOER-BUIJS	NED	2005
33.67	KAREN HUMPHREYS	USA	2005	31.59	JOEL FELDMANN	USA	2002	1:07.15	CHARLOTTE DAVIS	USA	2006
33.67	LAURA VAL	USA	2002	31.68	SACHIKO SAITO	JPN	2007	1:08.08	SANDERINA KRUGER	RSA	2004
34.36	ANGELA ZINGLER	GER	2004	31.69	ARDETH MUELLER	USA	1993	1:08.71	ROSARIO VIVANCO	PER	2006
34.87	SATOKO TAKEUJI	JPN	1992	31.80	HARUMI SUGINUMA	JPN	2007	1:08.90	COLNY TUCKER	USA	2006
34.99	PATTY LANDERS	USA	2006	32.06	HEATHER CAMPBELL	NZL	2006	1:09.00	JUDY WILSON	GBR	2000
35.07	JOEL FELDMANN	USA	2002	32.24	CONNY BOER-BUYS	NED	2000	1:09.13	SUSAN HODGE	GBR	2003
35.10	BENEDICTE DUPREZ	FRA	2001	100 M. FLY				1:09.15	BRIGITTE MERTEN	GER	2001
35.15	STEPHANIE ROLLINS	USA	2005	1:07.81	LAURA VAL	USA	2001	1:09.45	BARBARA DUNBAR	USA	2004
100 M. BACK				1:11.08	MELINDA MANN	USA	2006	200 M. FREE			
1:14.19	KAREN HUMPHREYS	USA	2005	1:11.61	ANGELA ZINGLER	GER	2006	2:18.04	LAURA VAL	USA	2006
1:14.44	J SWAGERTY-HILL	USA	2002	1:12.17	HARUMI SUGINUMA	JPN	2007	2:28.56	BARBARA DUNBAR	USA	2004
1:14.61	K.ANDRUS-HUGHES	USA	2007	1:12.24	ROBIN PARISI	USA	2004	2:31.34	ROSARIO VIVANCO	PER	2004
1:14.63	LAURA VAL	USA	2001	1:12.94	CHARLENE O'BRIEN	USA	2006	2:32.90	SANDERINA KRUGER	RSA	2004
1:15.98	PATTY LANDERS	USA	2006	1:13.86	ARDETH MUELLER	USA	1993	2:33.13	CONNY BOER-BUIJS	NED	2005
1:16.59	EVIE LYNCH	USA	2005	1:14.24	JILL JONES	GBR	2007	2:33.18	F WILLIAMSON	USA	2004
1:16.93	BARB GUNDRED	USA	2001	1:14.37	HEATHER CAMPBELL	RSA	2005	2:34.31	ANNE LABORWIT	USA	2005
1:16.95	KAREN EINSIDLER	USA	2006	1:14.80	MARY LIPPOLD	USA	2006	2:34.88	ARDETH MUELLER	USA	1997
1:17.23	C.TARANTINO	ITA	2005	200 M. FLY				2:36.53	FRANCES HARE	USA	2005
1:17.69	BENEDICTE DUPREZ	FRA	2001	2:31.55	LAURA VAL	USA	2001	2:36.58	YOSHIKO OSAKI	JPN	1993
200 M. BACK				2:44.93	BARBARA DUNBAR	USA	1999	400 M. FREE			
2:43.14	PATTY LANDERS	USA	2006	2:48.97	JILL JONES	GBR	2007	4:50.72	LAURA VAL	USA	2006
2:45.00	C.TARANTINO	ITA	2005	2:49.53	ARDETH MUELLER	USA	1991	5:08.91	BARBARA DUNBAR	USA	2004
2:46.81	LAURA VAL	USA	2002	2:51.78	N.STEADMAN-MARTIN	USA	2007	5:17.77	CELESTE MILLER	USA	2005
2:47.52	BARBARA GUNDRED	USA	2002	2:52.14	HARUMI SUGINUMA	JPN	2007	5:22.65	ROSARIO VIVANCO	PER	2004
2:48.11	BENEDICTE DUPREZ	FRA	2001	2:52.51	M.NEUMEISTER	GER	2004	5:25.59	ARDETH MUELLER	USA	1997
2:48.34	KAREN HUMPHREYS	USA	2005	2:52.99	LAURA VACA	MEX	2006	5:26.57	YOSHIKO OSAKI	JPN	1993
2:48.36	KAREN EINSIDLER	USA	2006	2:53.39	SUSAN SKIFF	GER	2005	5:27.30	JEN THOMASSON	AUS	1999
2:48.63	K.ANDRUS-HUGHES	USA	2007	2:56.56	KATHERINE BRANCH	USA	2007	5:27.49	HEIDI ERNST	USA	2007
2:48.90	ANNE CORK	GBR	2001	200 M. I.M.				5:27.95	ANNE LA BORWIT	USA	2006
2:49.19	EVIE LYNCH	USA	2006	2:41.31	LAURA VAL	USA	2002	5:28.73	BARB GUNDRED	USA	2006
50 M. BRST				2:44.30	ROBIN PARISI	USA	2004	800 M. FREE			
37.51	MELINDA MANN	USA	2006	2:45.11	DANIELLE OGIER	USA	2002	10:07.32	LAURA VAL	USA	2006
37.75	DAGMAR FRESE	GER	2006	2:45.74	HEATHER CAMPBELL	NZL	2006	10:41.10	BARBARA DUNBAR	USA	2004
37.93	PETRA SCHROER	GER	2004	2:46.18	ATIE PIJTAK	NED	2007	10:58.80	CELESTE MILLER	USA	2005
37.95	L.CRITTENDEN	USA	2006	2:46.69	LAURA VACA	MEX	2006	11:12.25	CAROLYN ROCHE	USA	2006
38.04	JAN MACLEOD	AUS	1997	2:47.65	HEATHER CAMPBELL	RSA	2006	11:15.07	ARDETH MUELLER	USA	1997
38.08	ALISON NYE	GBR	2007	2:48.37	MELINDA MANN	USA	2007	11:16.23	BARB GUNDRED	USA	2006
38.47	DEB WALKER	USA	2005	2:48.50	LO KNAPP	USA	2006	11:19.59	MEREDITH MOORE	USA	2004
38.69	SUSAN JONES-ROY	USA	2000	2:48.87	AMANDA HEATH	GBR	2007	11:19.96	ROSARIO VIVANCO	PER	2004
38.70	AVILA RHODES	CAN	2006	400 M. I.M.				11:20.47	FRANCES HARE	USA	2005
38.73	REGULA STEIGER	SUI	2002	5:42.80	LAURA VAL	USA	2002	11:21.78	HEIDI ERNST	USA	2007
100 M. BRST				5:49.58	DANIELLE OGIER	USA	2002	1500 M. FREE			
1:23.47	DAGMAR FRESE	GER	2006	5:53.85	LAURA VACA	MEX	2004	19:14.70	LAURA VAL	USA	2007
1:23.67	AVILA RHODES	CAN	2006	5:59.83	COLETTE CRABBE	USA	2007	19:52.61	BARBARA DUNBAR	USA	2004
1:24.36	MELINDA MANN	USA	2006	6:02.90	C.TARANTINO	ITA	2006	21:09.91	ARDETH MUELLER	USA	1997
1:24.69	PETRA SCHROER	GER	2003	6:03.12	BARBARA DUNBAR	USA	1999	21:24.66	CELESTE MILLER	USA	2006
1:24.85	AMANDA HEATH	GBR	2007	6:03.90	ROBIN PARISI	USA	2005	21:45.60	FRANCES HARE	USA	2005
1:25.35	ULRIKE URBANIAK	GER	2004	6:04.12	PHYLLIS QUINN	USA	2007	21:50.22	MEREDITH MOORE	USA	2004
1:26.33	JENNIFER MERRITT	GBR	2002	6:04.40	ATIE PIJTAK	NED	2007	21:52.27	MARGARETA RAINER	SWE	2004
1:26.45	DOT MUNGER	USA	2001	6:04.64	AMANDA HEATH	GBR	2007	22:14.80	ANNE LABORWIT	USA	2005
1:26.60	L.CRITTENDEN	USA	2006	*****				22:18.91	LAVELLE STOINOFF	USA	1988
1:26.60	SUSAN JONES-ROY	USA	2000	*****				22:23.96	ANN CAMPBELL	AUS	2007
200 M. BRST				WOMEN 55-59				50 M. BACK			
3:03.11	AMANDA HEATH	GBR	2007	*****				33.96	LAURA VAL	USA	2007
3:03.23	ULRIKE URBANIAK	GER	2004	50 M. FREE				35.13	BENEDICTE DUPREZ	FRA	2006
3:04.41	JENNIFER MERRITT	GBR	2002	28.84	LAURA VAL	USA	2007	35.55	B BARNETT-SALLEE	USA	2002
3:04.42	DAGMAR FRESE	GER	2006	29.87	CHERYL GOMMERS	AUS	2003	36.08	SATOKO TAKEUJI	JPN	1998
3:04.47	AVILA RHODES	CAN	2006	30.03	CONNY BOER-BUIJS	NED	2005	36.28	MICHIKO KIHARA	JPN	2003
3:06.11	FRANCES PENWARDEN	GBR	2005	30.33	JUDY WILSON	GBR	2000	36.44	PENNY STEELE	AUS	2004



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2007)

36.56	MARGIT OHLSSON	SWE	2002	34.63	BRIGITTE MERTEN	GER	2001	1:14.16	JACKIE MARR	USA	2003
36.77	MARGARET WILDING	GBR	1996	34.66	COLNY TUCKER	USA	2006	1:14.18	ESTER HOLDSHTEIN	ISR	2007
36.97	DEBORAH BARTON	GBR	2006	100 M.	FLY			1:14.25	JANE ASHER	GBR	1991
36.98	BROOKE LYNCH	USA	2004	1:10.21	LAURA VAL	USA	2007	1:14.37	JEN THOMASSON	AUS	2005
	200 M.	BACK		1:13.71	JUDY WILSON	GBR	2000		200 M.	FREE	
1:16.31	LAURA VAL	USA	2006	1:18.97	BARBARA DUNBAR	USA	2004	2:31.98	B.BARNETT-SALLEE	USA	2006
1:17.21	BENEDICTE DUPREZ	FRA	2006	1:19.28	BRIGITTE MERTEN	GER	2004	2:37.19	CAROLYN BOAK	USA	2006
1:17.51	B BARNETT-SALLEE	USA	2002	1:19.57	MIRA GUGLIELMI	ITA	2007	2:38.99	CHRISTEL SCHULZ	GER	2002
1:19.65	SATOKO TAKEUJI	JPN	1997	1:20.05	SUSANA BARKLEY	ESP	2000	2:40.63	YOSHIKO OSAKI	JPN	1999
1:21.41	SILVANA ABREU	BRA	1996	1:20.26	MARIANNE PROE	GBR	2001	2:40.86	BRIGITTE MERTEN	GER	2006
1:21.42	BETSY T. JORDAN	USA	1992	1:20.78	CONNY BOER-BUIJS	NED	2007	2:41.27	JACKIE MARR	USA	2003
1:21.61	MARGIT OHLSSON	SWE	2002	1:21.37	M.NEUMEISTER	GER	2007	2:41.92	JUDY WILSON	GBR	2004
1:22.30	BARB GUNDRED	USA	2006	1:21.91	ARDETH MUELLER	USA	1997	2:42.40	CAROL FELLOWS	GBR	2006
1:22.74	BRIGITTE MERTEN	GER	2001		200 M.	FLY		2:43.48	JEN THOMASSON	AUS	2003
1:22.76	MARIA BALLA	FRA	2001	2:41.51	LAURA VAL	USA	2007	2:43.83	LAVELLE STOINOFF	USA	1993
	200 M.	BACK		2:53.74	BARBARA DUNBAR	USA	2004		400 M.	FREE	
2:50.46	LAURA VAL	USA	2007	2:58.86	MIRA GUGLIELMI	ITA	2007	5:21.79	B.BARNETT-SALLEE	USA	2006
2:51.07	B BARNETT-SALLEE	USA	2002	2:58.89	JUDY WILSON	GBR	2002	5:39.72	JACKIE MARR	USA	2004
2:53.60	BENEDICTE DUPREZ	FRA	2006	3:00.95	SUSANA BARKLEY	ESP	2000	5:45.68	JEN THOMASSON	AUS	2003
2:55.34	BARB GUNDRED	USA	2006	3:02.99	M.NEUMEISTER	GER	2007	5:46.79	YOSHIKO OSAKI	JPN	1998
2:56.13	SATOKO TAKEUJI	JPN	1997	3:06.20	CAROLYN ROCHE	USA	2006	5:47.52	LAVELLE STOINOFF	USA	1993
2:57.34	MARGIT OHLSSON	SWE	2002	3:14.29	JULIE CRAYFORD	GBR	2004	5:48.80	HANNELORE ROSE	GER	2003
2:57.89	MARIA BALLA	FRA	2001	3:14.39	HANNELORE ROSE	GER	1998	5:52.14	CAROL FELLOWS	GBR	2006
2:58.74	MIRA GUGLIELMI	ITA	2007	3:16.09	GINGER PIERSON	USA	2001	5:52.99	SUZANNE DILLS	USA	2006
2:59.18	BETSY T. JORDAN	USA	1992		200 M.	I.M.		5:53.31	CAROLYN BOAK	USA	2007
2:59.91	JACKIE MARR	USA	2001	2:48.30	LAURA VAL	USA	2007	5:55.08	BRIGITTE MERTEN	GER	2006
	50 M.	BRST		2:53.15	CHARLOTTE DAVIS	USA	2006		800 M.	FREE	
38.30	JAN WICKS	AUS	2001	2:53.41	C.STIEFENHOFER	GER	2000	11:33.65	JEN THOMASSON	AUS	2003
39.01	MONIKA SENFTLEBEN	GER	2001	2:53.72	BRIGITTE MERTEN	GER	2003	11:41.17	JACKIE MARR	USA	2003
39.83	REGULA STEIGER	SUI	2007	2:56.89	JANETTE JEFFREY	AUS	2006	11:44.16	YOSHIKO OSAKI	JPN	1999
39.91	JAYNE BRUNER	USA	1991	2:57.45	MIRA GUGLIELMI	ITA	2007	11:47.20	HANNELORE ROSE	GER	2003
40.01	BONNIE PRONK	CAN	1999	2:59.11	BARBARA DUNBAR	USA	2004	11:54.21	SUZANNE DILLS	USA	2006
40.05	CORNELIA NEUBERT	GER	2007	2:59.15	YOSHIKO OSAKI	JPN	1995	12:01.79	LAVELLE STOINOFF	USA	1994
40.17	JENNIFER MERRITT	GBR	2006	2:59.79	DANIELLE OGIER	USA	2007	12:12.38	LINDA SHOENBERGER	USA	2007
40.22	YVONNE CATTRALL	CAN	2005	3:00.27	CATHERINE IMWALLE	USA	2006	12:12.38	CARROL WANNELL	AUS	2004
40.25	HANNELORE ROSE	GER	2001		400 M.	I.M.		12:15.57	PENNY WEBSTER	GBR	2004
40.57	GINGER PIERSON	USA	2004	6:07.72	CHARLOTTE DAVIS	USA	2006	12:19.35	CLARA WALKER	USA	1988
	100 M.	BRST		6:14.40	BRIGITTE MERTEN	GER	2004		1500 M.	FREE	
1:27.40	JENNIFER MERRITT	GBR	2006	6:16.14	BARBARA DUNBAR	USA	2004	22:05.65	JACKIE MARR	USA	2005
1:28.61	REGULA STEIGER	SUI	2007	6:18.94	YOSHIKO OSAKI	JPN	1993	22:32.06	JEN THOMASSON	AUS	2003
1:29.06	HANNELORE ROSE	GER	2001	6:25.02	JEN THOMASSON	AUS	1998	22:41.81	HANNELORE ROSE	GER	2004
1:29.11	BONNIE PRONK	CAN	1999	6:28.13	JANETTE JEFFREY	AUS	2007	22:50.81	LAVELLE STOINOFF	USA	1995
1:29.88	JAYNE BRUNER	USA	1992	6:31.98	CATHERINE IMWALLE	USA	2006	23:09.42	LINDA SHOENBERGER	USA	2007
1:30.24	UTA HOFFMANN	GER	2004	6:32.34	SUSANA BARKLEY	ESP	2001	23:55.57	CLARA WALKER	USA	1986
1:30.30	ELAINE BROMWICH	GBR	1997	6:32.56	JULIE CRAYFORD	GBR	2004	23:58.54	BONNIE PRONK	CAN	2005
1:30.49	YVONNE CATTRALL	CAN	2005	6:32.87	HANNELORE ROSE	GER	2000	23:59.60	PENNY WEBSTER	GBR	2003
1:30.72	DEB WALKER	USA	2007		*****			24:10.41	E.KETELSEN	DEN	2004
1:30.76	BARBARA HUMMEL	USA	2007		*****			24:10.91	RITSUKO SUGIMURA	JPN	2004
	200 M.	BRST			*****				50 M.	BACK	
3:09.28	JENNIFER MERRITT	GBR	2006		*****			35.79	B.BARNETT-SALLEE	USA	2006
3:13.90	BONNIE PRONK	CAN	2001		*****			36.61	SATOKO TAKEUJI	JPN	2004
3:14.40	HANNELORE ROSE	GER	1998	50 M.	FREE			37.06	MARIA BALLA	HUN	2004
3:14.78	JEN THOMASSON	AUS	1998	31.40	LYNETTE STEVENSON	AUS	2006	37.12	SILVANA ABREU	BRA	2002
3:15.32	ELAINE BROMWICH	GBR	1997	31.55	CHRISTEL SCHULZ	GER	2004	37.30	MARGIT OHLSSON	SWE	2005
3:16.00	NORMA SUTHERLAND	AUS	1998	31.60	CAROLYN BOAK	USA	2006	37.35	LYNETTE STEVENSON	AUS	2006
3:18.11	FLORA CONNOLLY	GBR	1989	31.66	JUDY WILSON	GBR	2004	37.56	PENNY STEELE	AUS	2005
3:18.16	BARBARA HUMMEL	USA	2007	32.48	KAYE BEER	AUS	2006	37.84	MARGARET WILDING	GBR	2000
3:18.61	ANNEGRET VOLCKER	GER	2001	32.57	JAN WICKS	AUS	2006	38.09	HIROMI SATO	JPN	2002
3:18.69	UTA HOFFMANN	GER	2004	32.62	GEORGINA LOPEZ	CAN	2004	38.76	BETSY JORDAN	USA	1997
	50 M.	FLY		32.77	JAYNE BRUNER	USA	1995		100 M.	BACK	
31.83	LAURA VAL	USA	2007	32.80	D.PAOLETTI	ITA	2004	1:18.91	B.BARNETT-SALLEE	USA	2006
32.24	JUDY WILSON	GBR	2000	32.92	OLGA KREJCI	SUI	2000	1:20.43	SATOKO TAKEUJI	JPN	2002
32.91	CONNY BOER-BUIJS	NED	2005		100 M.	FREE		1:22.07	MARGARET WILDING	GBR	2000
33.26	CHARLOTTE DAVIS	USA	2006	1:10.29	CHRISTEL SCHULZ	GER	2004	1:22.31	MARGIT OHLSSON	SWE	2005
33.88	YOSHIKO KADOSAKA	JPN	2004	1:10.60	CAROLYN BOAK	USA	2006	1:22.85	MARIA BALLA	HUN	2006
34.19	JOEL FELDMANN	USA	2007	1:11.24	JUDY WILSON	GBR	2004	1:24.45	BETSY JORDAN	USA	1997
34.43	JOY WARD	USA	1999	1:12.09	BRIGITTE MERTEN	GER	2006	1:24.97	SILVANA ABREU	BRA	2002
34.45	DEBORAH BARTON	GBR	2006	1:12.82	LYNETTE STEVENSON	AUS	2006	1:25.18	LYNETTE STEVENSON	AUS	2006
				1:12.87	YOSHIKO OSAKI	JPN	2000				



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1:25.79	BONNIE PRONK	CAN	2002	200 M. FLY		2:58.21	DIANE STOWELL	USA	2000		
1:26.31	HIROMI SATO	JPN	2002	3:12.48	JUDY WILSON	GBR	2004	3:00.29	HELGA REICH	GER	2003
	200 M. BACK			3:12.52	SUSANA BARKLEY	ESP	2006	400 M. FREE			
2:50.16	B.BARNETT-SALLEE	USA	2006	3:22.22	HANNELORE ROSE	GER	2003	5:46.27	YOSHIKO OSAKI	JPN	2003
2:58.02	SATOKO TAKEUJI	JPN	2002	3:22.94	YOSHIKO OSAKI	JPN	2002	5:54.90	LAVELLE STOINOFF	USA	1998
2:59.01	BONNIE PRONK	CAN	2002	3:26.38	CAROLYN BOAK	USA	2007	6:00.59	CHRISTEL SCHULZ	GER	2006
3:00.06	MARGIT OHLSSON	SWE	2005	3:26.54	DANIELA BARNEA	USA	2005	6:05.22	CLARA WALKER	USA	1991
3:01.74	MARIA BALLA	HUN	2005	3:27.22	SILVANA ABREU	BRA	2003	6:07.32	PAM HUTCHINGS	AUS	2002
3:06.23	BETSY JORDAN	USA	1997	3:27.54	FLORA CONNOLLY	GBR	1994	6:09.73	JANE ASHER	GBR	1996
3:07.40	SILVANA ABREU	BRA	2002	3:28.58	JUDIE OLIVER	CAN	1992	6:12.51	HANNELORE ROSE	GER	2007
3:08.57	MARGARET WILDING	GBR	1999	3:29.66	HARRIET BURE	SWE	2006	6:15.47	REIKO ISHIZAKI	JPN	2003
3:08.97	JULIE GUNTROP	NZL	2007	200 M. I.M.		6:15.64	HELGA REICH	GER	2003		
3:10.08	PAM HUTCHINGS	AUS	1996	2:58.08	BRIGITTE MERTEN	GER	2006	6:19.00	DIANE STOWELL	USA	2000
50 M. BRST				3:00.52	BONNIE PRONK	CAN	2002	800 M. FREE			
38.48	MONIKA SENFTLEBEN	GER	2002	3:00.74	CAROLYN BOAK	USA	2006	12:06.31	YOSHIKO OSAKI	JPN	2003
39.16	BONNIE PRONK	CAN	2002	3:02.24	HARRIET BERGER	GER	2004	12:23.32	LAVELLE STOINOFF	USA	1998
39.25	JAN WICKS	AUS	2006	3:03.33	MARGIT OHLSSON	SWE	2006	12:27.41	HANNELORE ROSE	GER	2007
40.93	HARRIET BERGER	GER	2004	3:04.36	HANNELORE ROSE	GER	2003	12:27.60	CLARA WALKER	USA	1992
41.12	HANNELORE ROSE	GER	2002	3:05.12	CHRISTEL SCHULZ	GER	2003	12:41.94	JANE ASHER	GBR	1996
41.35	ELAINE BROMWICH	GBR	2004	3:05.90	YOSHIKO OSAKI	JPN	1999	12:43.95	PENNY WEBSTER	GBR	2007
41.43	JAYNE BRUNER	USA	1998	3:06.08	SILVANA ABREU	BRA	2002	12:47.62	REIKO ISHIZAKI	JPN	2003
42.31	VERA SASSE	BRA	2004	3:07.60	KIRA MAKAROVA	RUS	2007	12:48.10	HELGA REICH	GER	2004
42.32	DIANE FORD	GBR	2003	400 M. I.M.		12:58.01	V.JOHANSSON	SWE	2001		
42.49	EDITH BOEHM	GER	1988	6:22.61	BRIGITTE MERTEN	GER	2006	12:59.19	JUNE KRAUSER	USA	1994
100 M. BRST				6:33.09	HANNELORE ROSE	GER	2002	1500 M. FREE			
1:27.64	BONNIE PRONK	CAN	2002	6:34.22	JEN THOMASSON	AUS	2004	23:42.01	LAVELLE STOINOFF	USA	1998
1:29.86	HARRIET BERGER	GER	2004	6:34.94	YOSHIKO OSAKI	JPN	2001	24:07.05	CLARA WALKER	USA	1992
1:29.97	HANNELORE ROSE	GER	2002	6:36.99	JACKIE MARR	USA	2003	24:31.20	PENNY WEBSTER	GBR	2007
1:31.05	MONIKA SENFTLEBEN	GER	2002	6:38.81	CAROLYN BOAK	USA	2005	24:38.81	BONNIE PRONK	CAN	2007
1:32.18	DIANE FORD	GBR	2006	6:46.13	BONNIE PRONK	CAN	2005	24:43.09	JANE ASHER	GBR	1996
1:32.37	JOANN LEILICH	USA	1999	6:48.38	SILVANA ABREU	BRA	2003	24:46.06	REIKO ISHIZAKI	JPN	2005
1:32.49	ELAINE BROMWICH	GBR	2004	6:57.33	FLORA CONNOLLY	GBR	1994	25:09.69	JUNE KRAUSER	USA	1995
1:33.66	CAROLYN BOAK	USA	2005	6:58.78	INGEBORG SEIDEL	GER	2006	25:14.99	GAIL ROPER	USA	1996
1:34.12	JAYNE BRUNER	USA	1996					25:21.55	DIANE STOWELL	USA	2001
1:34.13	NOBUKO YASUDA	JPN	2006	*****				25:25.52	MARGA SCHULZE	GER	2004
200 M. BRST								50 M. BACK			
3:14.49	BONNIE PRONK	CAN	2002					37.93	SATOKO TAKEUJI	JPN	2007
3:16.08	HANNELORE ROSE	GER	2003	*****				38.17	SILVANA ABREU	BRA	2006
3:18.05	HARRIET BERGER	GER	2004	50 M. FREE				38.85	PAM HUTCHINGS	AUS	2002
3:22.24	DIANE FORD	GBR	2006	32.52	CHRISTEL SCHULZ	GER	2005	39.85	CLARA WALKER	USA	1992
3:23.14	ELAINE BROMWICH	GBR	2004	33.38	OLGA KREJCI	SUI	2002	39.85	CLARA WALKER	USA	1992
3:23.62	JOANN LEILICH	USA	1999	33.47	YOSHIKO OSAKI	JPN	2004	40.50	MARGA BRAUN	GER	1999
3:24.38	MASAYO AZUMA	JPN	1996	33.55	JAYNE BRUNER	USA	2000	40.76	BONNIE PRONK	CAN	2007
3:25.29	FLORA CONNOLLY	GBR	1994	33.69	PAM HUTCHINGS	AUS	2002	40.93	BETSY JORDAN	USA	2002
3:25.73	YOSHIE OGASAWARA	JPN	2006	34.17	GAIL ROPER	USA	1996	40.99	DORIS STEADMAN	USA	1990
3:27.35	INGEBORG SEIDEL	GER	2006	34.18	SALLY BOLAR	USA	2005	41.58	CHRISTEL SCHULZ	GER	2006
50 M. FLY				34.57	BETH SCHREINER	USA	2006	41.92	SHOKO YONEZAWA	JPN	2002
33.47	JUDY WILSON	GBR	2004	34.61	JANE ASHER	GBR	1996	100 M. BACK			
33.63	BETTY CALLAHAN	AUS	1985	34.69	JEANNE LITTLE	USA	2005	1:24.67	SATOKO TAKEUJI	JPN	2007
35.06	CHRISTEL SCHULZ	GER	2004	100 M. FREE				1:27.51	PAM HUTCHINGS	AUS	2002
35.18	MICHIE DOI	JPN	2004	1:12.00	CHRISTEL SCHULZ	GER	2005	1:28.08	SILVANA ABREU	BRA	2006
35.28	JAN WICKS	AUS	2006	1:13.05	YOSHIKO OSAKI	JPN	2004	1:29.94	BONNIE PRONK	CAN	2007
35.62	JOY WARD	USA	2002	1:14.93	PAM HUTCHINGS	AUS	2002	1:30.23	CHRISTEL SCHULZ	GER	2005
35.92	HARRIET BERGER	GER	2004	1:16.84	CLARA WALKER	USA	1992	1:30.97	CLARA WALKER	USA	1991
36.24	SARAH BROUGHER	USA	2001	1:17.55	SALLY BOLAR	USA	2005	1:31.58	DORIS STEADMAN	USA	1990
36.41	BRIGITTE MERTEN	GER	2007	1:17.73	JANE ASHER	GBR	1996	1:31.68	BETSY JORDAN	USA	2006
36.46	SUSANA BARKLEY	ESP	2006	1:18.00	GAIL ROPER	USA	1996	1:33.49	YOKO ARAI	JPN	2007
100 M. FLY				1:19.11	BETH SCHREINER	USA	2006	1:33.60	JOY WARD	USA	2007
1:17.34	JUDY WILSON	GBR	2004	1:20.10	LAVELLE STOINOFF	USA	1998	200 M. BACK			
1:21.31	HARRIET BERGER	GER	2004	1:20.17	JAYNE BRUNER	USA	2001	3:08.20	SATOKO TAKEUJI	JPN	2007
1:21.61	BRIGITTE MERTEN	GER	2006	200 M. FREE				3:12.21	BONNIE PRONK	CAN	2007
1:24.97	CAROLYN BOAK	USA	2007	2:42.91	YOSHIKO OSAKI	JPN	2004	3:13.06	PAM HUTCHINGS	AUS	2002
1:26.81	SUSANA BARKLEY	ESP	2006	2:42.96	CHRISTEL SCHULZ	GER	2006	3:15.85	CHRISTEL SCHULZ	GER	2007
1:26.96	CLAIRE O'DWYER	IRE	2002	2:48.51	CLARA WALKER	USA	1992	3:16.02	LAVELLE STOINOFF	USA	1998
1:27.05	YOSHIKO OSAKI	JPN	1999	2:53.14	JANE ASHER	GBR	1996	3:17.12	DORIS STEADMAN	USA	1990
1:27.36	HANNELORE ROSE	GER	2002	2:53.88	PAM HUTCHINGS	AUS	2002	3:17.21	CLARA WALKER	USA	1991
1:29.24	DANIELA BARNEA	USA	2004	2:54.02	LAVELLE STOINOFF	USA	1998	3:20.36	SILVANA ABREU	BRA	2006
1:30.14	SILVANA ABREU	BRA	2004	2:54.99	HANNELORE ROSE	GER	2007	3:21.17	JOY WARD	USA	2007
				2:57.63	GAIL ROPER	USA	1996	3:21.90	GRETHE BENDTSEN	DEN	1998



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50	M. BRST		3:11.94	YOSHIKO OSAKI	JPN 2003	800 M. FREE		
41.69	BONNIE PRONK	CAN 2007	3:13.86	HANNELORE ROSE	GER 2007	12:32.21	JANE ASHER	GBR 2002
42.18	MONIKA SENFTLEBEN	GER 2007	3:19.01	CLARA WALKER	USA 1991	12:35.14	LAVELLE STOINOFF	USA 2004
42.78	SHOKO YONEZAWA	JPN 2002	3:19.32	SILVANA ABREU	BRA 2006	12:59.41	HELGA REICH	GER 2006
43.04	HANNELORE ROSE	GER 2007	3:19.34	BONNIE PRONK	CAN 2007	13:15.45	JUNE KRAUSER	USA 1996
43.42	EDITH BOHM	GER 1994	3:21.70	SHOKO YONEZAWA	JPN 2001	13:30.28	BARBARA FENTIMAN	GBR 2004
43.57	JOANN LEILICH	USA 2005	3:24.08	FLORA CONNOLLY	GBR 1998	13:41.60	HISAKO SATO	JPN 2005
44.03	ODETTE LUSIEN	FRA 1994	3:24.17	JANE ASHER	GBR 1996	13:45.99	V. JOHANSSON	SWE 2005
44.03	ELAINE PELLIS	BEL 2001	3:25.04	GAIL ROPER	USA 1996	13:51.53	PETEY SMITH	USA 1994
44.07	ELAINE BROMWICH	GBR 2007		400 M. I.M.		13:52.87	NANCY BROWN	USA 2006
44.07	OLGA KREJCI	SUI 2001	6:46.46	YOSHIKO OSAKI	JPN 2005	13:56.90	BETSY JORDAN	USA 2007
100 M. BRST			6:56.94	HANNELORE ROSE	GER 2007	1500 M. FREE		
1:35.34	HANNELORE ROSE	GER 2007	7:06.75	FLORA CONNOLLY	GBR 1998	24:06.48	JANE ASHER	GBR 2001
1:35.56	BONNIE PRONK	CAN 2007	7:09.21	SILVANA ABREU	BRA 2006	24:24.13	LAVELLE STOINOFF	USA 2003
1:36.29	JOANN LEILICH	USA 2007	7:09.69	CLARA WALKER	USA 1992	25:04.94	BARBARA FENTIMAN	AUS 2004
1:36.41	LUISE KNOPFLE	GER 2004	7:23.20	GAIL ROPER	USA 1996	25:25.26	JUNE KRAUSER	USA 1997
1:37.06	MASAYO AZUMA	JPN 2002	7:24.85	HELGA REICH	GER 2004	25:40.43	CLARA WALKER	USA 1996
1:38.12	SHOKO YONEZAWA	JPN 2000	7:27.79	JUNE KRAUSER	USA 1991	26:17.37	HISAKO SATO	JPN 2005
1:38.73	ELAINE BROMWICH	GBR 2007	7:30.42	BETSY JORDAN	USA 2002	26:18.02	JANE OBERG	USA 2007
1:39.20	JAYNE BRUNER	USA 2001	7:32.37	ELEONORE OTTO	GER 2001	26:37.42	LENIE VD MEER	NED 2007
1:39.22	MARGIT JEBE	USA 2003		*****		26:42.94	GAIL ROPER	USA 2002
1:39.30	DIANE STOWELL	USA 2001		*****		26:50.40	MISAO MATSUMOTO	JPN 2007
200 M. BRST				WOMEN 70-74		50 M. BACK		
3:26.88	HANNELORE ROSE	GER 2007		*****		41.90	SHOKO YONEZAWA	JPN 2005
3:26.98	JOANN LEILICH	USA 2005		50 M. FREE		42.29	DORIS STEADMAN	USA 1996
3:27.71	LUISE KNOPFLE	GER 2004	34.64	JANE ASHER	GBR 2004	42.35	PAM HUTCHINGS	AUS 2006
3:28.43	MASAYO AZUMA	JPN 2001	35.28	GAIL ROPER	USA 1999	42.42	BETSY JORDAN	USA 2007
3:29.11	BONNIE PRONK	CAN 2007	35.52	OLGA KREJCI	SUI 2007	43.49	GRETHE BENDTSEN	DEN 2001
3:30.95	FLORA CONNOLLY	GBR 1998	36.10	HISAKO SATO	JPN 2005	43.78	V. JOHANSSON	SWE 2007
3:33.21	YOSHIKO OSAKI	JPN 2005	36.13	CLARA WALKER	USA 1996	43.84	JANE ASHER	GBR 2002
3:34.93	MARGIT JEBE	USA 2003	36.23	PAM HUTCHINGS	AUS 2006	44.18	JOAN PARNELL	CAN 1998
3:35.96	SHOKO YONEZAWA	JPN 2000	36.24	FUSAKO HIROOKA	JPN 2007	44.53	BUNNY CEDERLUND	USA 1992
3:36.67	CHRISTINE PERFECT	GBR 2004	36.26	SHOKO YONEZAWA	JPN 2006	44.58	NANCY BROWN	USA 2006
50 M. FLY			36.39	M. CUNNINGHAM	AUS 1996	100 M. BACK		
35.77	CHRISTEL SCHULZ	GER 2006	36.54	ODETTE LUSIEN	FRA 1998	1:33.49	SHOKO YONEZAWA	JPN 2005
37.54	YOSHIKO OSAKI	JPN 2003	100 M. FREE			1:33.61	V. JOHANSSON	SWE 2005
37.67	HARUMI SUGIMOTO	JPN 2003	1:17.94	JANE ASHER	GBR 2004	1:33.61	JANE ASHER	GBR 2002
38.07	HAIKE HOLER	GER 2002	1:19.94	GAIL ROPER	USA 1999	1:34.84	BETSY JORDAN	USA 2007
38.16	SILVANA ABREU	BRA 2006	1:21.57	CLARA WALKER	USA 1996	1:35.11	DORIS STEADMAN	USA 1995
38.47	JOY WARD	USA 2007	1:22.43	SHOKO YONEZAWA	JPN 2005	1:36.34	GRETHE BENDTSEN	DEN 2001
39.07	SARAH KOPSKY	USA 2006	1:22.62	LOTTIE GEURTS	NED 2006	1:36.36	NANCY BROWN	USA 2006
39.18	GAIL ROPER	USA 1996	1:22.99	NANCY BROWN	USA 2006	1:36.65	PAM HUTCHINGS	AUS 2006
39.45	HISAKO SATO	JPN 2001	1:23.09	LAVELLE STOINOFF	USA 2003	1:38.66	JOAN PARNELL	CAN 1998
39.84	BARBARA FRID	USA 2007	1:23.98	HELGA REICH	GER 2007	1:39.85	B. ANDERSON	AUS 1987
100 M. FLY			1:23.99	PAM HUTCHINGS	AUS 2006	200 M. BACK		
1:27.73	YOSHIKO OSAKI	JPN 2003	1:24.38	HISAKO SATO	JPN 2006	3:22.49	V. JOHANSSON	SWE 2005
1:33.38	SILVANA ABREU	BRA 2006	200 M. FREE			3:27.58	JANE ASHER	GBR 2002
1:34.55	HANNELORE ROSE	GER 2007	2:50.27	JANE ASHER	GBR 2002	3:28.69	DORIS STEADMAN	USA 1995
1:34.62	HAIKE HOLER	GER 2002	2:57.28	LAVELLE STOINOFF	USA 2003	3:29.12	GRETHE BENDTSEN	DEN 2000
1:35.57	SALLY BOLAR	USA 2004	3:00.28	HELGA REICH	GER 2006	3:29.27	BETSY JORDAN	USA 2007
1:35.77	HELGA REICH	GER 2003	3:01.28	GAIL ROPER	USA 1999	3:29.72	LAVELLE STOINOFF	USA 2004
1:36.68	GAIL ROPER	USA 1996	3:03.86	BARBARA FENTIMAN	AUS 2004	3:31.30	PAM HUTCHINGS	AUS 2006
1:37.88	MARCELA STASTNA	CZE 2004	3:04.56	CLARA WALKER	USA 1996	3:32.26	NANCY BROWN	USA 2006
1:38.33	ODETTE LUSIEN	FRA 1994	3:06.75	PAM HUTCHINGS	AUS 2006	3:34.99	MISAO MATSUMOTO	JPN 2007
1:38.71	JAYNE BRUNER	USA 2000	3:06.98	JUNE KRAUSER	USA 1997	3:35.08	EVA JAROSOVA	CZE 2006
200 M. FLY			3:09.40	HISAKO SATO	JPN 2006	50 M. BRST		
3:29.68	HANNELORE ROSE	GER 2007	3:10.28	JEAN TROY	USA 1999	43.45	SHOKO YONEZAWA	JPN 2005
3:31.05	YOSHIKO OSAKI	JPN 2005	400 M. FREE			43.98	EDITH BOEHM	GER 1999
3:32.63	SILVANA ABREU	BRA 2006	6:05.25	JANE ASHER	GBR 2004	45.53	ELIANE PELLIS	BEL 2004
3:33.04	FLORA CONNOLLY	GBR 1998	6:11.92	LAVELLE STOINOFF	USA 2003	46.14	RUTH MULLER	GER 2006
3:33.38	HELGA REICH	GER 2002	6:22.10	HELGA REICH	GER 2006	46.51	A. OBERGHEN	BEL 2004
3:36.25	JUNE KRAUSER	USA 1994	6:33.15	CLARA WALKER	USA 1996	46.78	A. LEENE-RODAL	NZL 2003
3:43.97	GAIL ROPER	USA 1995	6:33.19	JUNE KRAUSER	USA 1996	46.80	DIANE STOWELL	USA 2005
3:47.12	SALLY BOLAR	USA 2004	6:35.47	BARBARA FENTIMAN	GBR 2004	46.91	ODETTE LUSIEN	FRA 1998
3:48.10	BETTY JANE RUSS	USA 1992	6:36.90	GAIL ROPER	USA 1999	46.93	ERIKIA LANGE	GER 1998
3:52.58	SYLVIA NEUHAUSER	AUT 1997	6:40.35	HISAKO SATO	JPN 2006	47.37	SYLVIA EISELE	CAN 2000
200 M. I.M.			6:42.48	DIANE STOWELL	USA 2005	100 M. BRST		
3:08.85	CHRISTEL SCHULZ	GER 2006	6:44.60	TAYO FUJIEDA	JPN 2007	1:37.72	SHOKO YONEZAWA	JPN 2007



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2007)

Table with 7 columns: Time, Name, Country, Year, Time, Name, Country, Year. Lists top 10 swimmers for various distances (50m, 100m, 200m, 400m, 800m, 1500m, 3000m, 5000m, 10000m) across all time (1986-2007). Includes names like Jane Asher, Olga Johnson, and Betty Christian.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2007)

59.62 FLORENCE CARR	USA	2006	1:51.88 BUNNY CEDERLUND	USA	2006	2:15.30 MARJORIE SHARPE	USA	2002
1:00.50 GERTRUD MEERWALD	GER	2000	1:53.28 HISAKO KOGA	JPN	2002	2:17.44 MASA SHIGEMITSU	JPN	2000
1:01.41 MARIA LENK	BRA	1995	1:55.46 MARJORIE SHARPE	USA	2002	2:18.17 MARIE WICKLUN	USA	2000
1:02.23 NORA RONAI	BRA	2004	1:56.09 MASAE SHIMURA	JPN	2007	2:19.43 J. DRAKE-BROCKMAN	AUS	2005
1:02.26 DORIS RUSSELL	USA	2000	1:58.29 UME WADA	JPN	1996	2:19.57 HIDEKO HANADA	JPN	2004
100 M. FLY			1:59.18 MAXINE MERLINO	USA	1997	200 M. BACK		
2:06.55 LOIS KIVI NOCHMAN	USA	2004	2:00.68 JULIA DOLCE	USA	1995	4:29.16 EDITH THEIN	ISR	2003
2:21.88 GERTRUD MEERWALD	GER	2000	200 M. FREE			4:35.71 BUNNY CEDERLUND	USA	2006
2:22.44 BETTY RUSS	USA	2007	3:56.11 MARGERY MEYER	USA	2007	4:44.76 MARJORIE SHARPE	USA	2002
2:25.58 CHIE TANI	JPN	2007	3:59.68 RITA SIMONTON	USA	2003	4:46.20 PERSIS RAE	AUS	2007
2:27.91 JEAN DURSTON	USA	1994	4:03.29 OLGA JOHNSON	NZL	2006	4:47.82 AILEEN SOULE	USA	1991
2:31.88 JEAN TROY	USA	2007	4:10.20 MARJORIE SHARPE	USA	2002	4:52.87 WILLY VAN RYSEL	GBR	2001
2:32.29 JUNE REYNOLDS	USA	2002	4:19.11 HISAKO KOGA	JPN	2002	4:53.05 MARIA LENK	BRA	2000
2:32.72 DOROTHY WESTON	GBR	1995	4:24.17 CANDIDA GANDOLPHO	BRA	2006	4:55.59 MARIE WICKLUN	USA	2000
2:34.18 NORA RONAI	BRA	2004	4:24.59 MAURINE KORNFELD	USA	2006	4:59.07 HIDEKO HANADA	JPN	2004
2:36.89 MAXINE MERLINO	USA	1994	4:26.52 UME WADA	JPN	1996	5:11.39 J. DRAKE-BROCKMAN	AUS	2005
200 M. FLY			4:32.21 BUNNY CEDERLUND	USA	2006	50 M. BRST		
4:34.86 LOIS KIVI NOCHMAN	USA	2004	4:35.70 B.BURRILL	USA	2006	1:03.16 MICHELE GUILLAIS	FRA	2006
5:16.15 BETTY RUSS	USA	2007	400 M. FREE			1:06.48 BETTY CHRISTIAN	USA	2006
5:24.52 JEAN DURSTON	USA	1994	8:14.05 MARGERY MEYER	USA	2007	1:06.72 LIS KNUTZEN	DEN	2005
5:29.93 MAXINE MERLINO	USA	1992	8:17.82 RITA SIMONTON	USA	2003	1:07.88 MARIA LENK	BRA	2000
5:34.09 JAE HOWELL	USA	2003	8:43.79 OLGA JOHNSON	NZL	2006	1:09.32 INGEBORG FRITZE	GER	2006
6:01.22 NORA RONAI	BRA	2004	9:08.05 MAURINE KORNFELD	USA	2007	1:09.85 MARTI GOGNIAT	USA	1996
6:02.07 NORMA RUDOLPH	AUS	2003	9:10.43 MARJORIE SHARPE	USA	2002	1:10.13 GERTRUD ZINT	USA	2002
6:02.33 GLADYS OLSEN	USA	2006	9:30.97 EDITH THEIN	ISR	2003	1:11.80 H.EISFELD-KOHLER	GER	2001
6:05.25 JUNE REYNOLDS	USA	2003	9:31.21 UME WADA	JPN	1997	1:12.02 UME WADA	JPN	1996
6:09.67 ELSA MATTILA	USA	1990	9:32.91 JEAN DURSTON	USA	1999	1:12.12 RITA SIMONTON	USA	2003
200 M. I.M.			9:42.42 B.BURRILL	USA	2006	100 M. BRST		
4:18.72 JEAN TROY	USA	2007	9:52.14 MAXINE MERLINO	USA	1997	2:31.14 MICHELE GUILLAIS	FRA	2006
4:25.05 M. CUNNINGHAM	AUS	2005	800 M. FREE			2:34.86 MARTI GOGNIAT	USA	1996
4:33.29 LOIS KIVI NOCHMAN	USA	2006	17:09.73 MARGERY MEYER	USA	2007	2:34.97 DOROTHY WESTON	GBR	1998
4:34.62 CHIE TANI	JPN	2006	17:14.24 RITA SIMONTON	USA	2003	2:36.19 BETTY CHRISTIAN	USA	2006
4:39.22 GERTRUD MEERWALD	GER	2000	17:49.83 OLGA JOHNSON	NZL	2006	2:36.47 LIS KNUTZEN	DEN	2006
4:40.75 ELSA DE LEEUW	CAN	2004	18:39.75 MAURINE KORNFELD	USA	2006	2:38.46 KNUTZEN LIS	DEN	2005
4:41.09 MARIA LENK ZIGLER	USA	1995	19:12.10 JEAN DURSTON	USA	1999	2:39.45 MARIA LENK	BRA	2000
4:46.90 JEAN DURSTON	USA	1995	20:11.43 MAXINE MERLINO	USA	1997	2:40.37 UME WADA	JPN	1996
4:47.02 MAXINE MERLINO	USA	1992	20:50.44 CHIYOKO TAKIZAWA	JPN	2007	2:41.63 INGEBORG FRITZE	GER	2006
4:50.80 G.SCHOBEL-GRASS	GER	2006	21:11.56 WILLY VAN RYSEL	GBR	2002	2:42.17 MICHICO HAMURO	JPN	2004
400 M. I.M.			21:31.31 JOYCE O'FARRELL	AUS	2007	200 M. BRST		
9:32.43 JEAN TROY	USA	2007	21:33.20 KAY SCHIMPF	USA	2002	5:23.25 BARBARA BOHM	GER	2006
9:43.23 LOIS KIVI NOCHMAN	USA	2006	1500 M. FREE			5:27.60 BETTY CHRISTIAN	USA	2006
9:45.48 GERTRUD MEERWALD	GER	2000	32:33.60 RITA SIMONTON	USA	2003	5:35.82 MICHICO HAMURO	JPN	2004
10:05.13 MAXINE MERLINO	USA	1992	32:38.98 MARGERY MEYER	USA	2007	5:36.62 EMMI PAULI	GER	1998
10:05.95 G.SCHOBEL-GRASS	GER	2006	36:42.40 JEAN DURSTON	USA	1999	5:38.79 UME WADA	JPN	1996
10:08.13 JEAN DURSTON	USA	1995	38:20.39 MAXINE MERLINO	USA	1997	5:39.91 MARIA LENK	BRA	2000
10:21.60 BETTY RUSS	USA	2007	39:09.67 WILLY VAN RYSEL	GBR	2001	5:45.49 ALMA BRECKNOCK	AUS	2004
11:04.28 JAE HOWELL	USA	2004	40:07.30 CHIYOKO TAKIZAWA	JPN	2007	5:54.39 KNUTZEN LIS	DEN	2005
11:14.31 ELSA MATTILA	USA	1990	40:33.36 JOYCE O'FARRELL	AUS	2006	5:56.97 INGEBORG FRITZE	GER	2007
11:22.65 KAY SCHIMPF	USA	1997	40:59.00 KAY SCHIMPF	USA	2002	6:00.81 RITA SIMONTON	USA	2003
*****			43:35.59 JULIA DOLCE	USA	1995	50 M. FLY		
*****			45:50.12 GERTRUD ZINT	USA	2002	1:06.40 YONE MURATA	JPN	2007
*****			50 M. BACK			1:11.58 JEAN DURSTON	USA	1999
*****			53.44 BUNNY CEDERLUND	USA	2006	1:12.00 MARIA LENK	BRA	2000
*****			56.57 BETTY CHRISTIAN	USA	2006	1:13.84 MAXINE MERLINO	USA	1997
*****			58.42 AILEEN SOULE	USA	1991	1:15.37 JUNE REYNOLDS	USA	2007
*****			59.56 WILLY VAN RYSEL	GBR	2002	1:18.72 JAE HOWELL	USA	2007
*****			59.85 NOEL MORROW	CAN	2005	1:24.61 MICHELE GUILLAIS	FRA	2006
*****			1:00.00 MASA SHIGEMITSU	JPN	2000	1:26.39 JEWEL COOKE	USA	1996
*****			1:01.02 EDITH THEIN	ISR	2003	1:27.40 GERTRUD ZINT	USA	2002
*****			1:01.13 OLGA JOHNSON	NZL	2006	1:27.44 RITA SIMONTON	USA	2005
*****			1:01.37 ANNE WALKER	USA	2002	100 M. FLY		
*****			1:01.39 PERSIS RAE	AUS	2004	2:39.43 JEAN DURSTON	USA	2000
*****			100 M. BACK			2:45.28 DOROTHY WESTON	GBR	1998
*****			2:06.41 BUNNY CEDERLUND	USA	2006	2:52.47 JAE HOWELL	USA	2007
*****			2:10.44 EDITH THEIN	ISR	2004	2:59.53 JUNE REYNOLDS	USA	2007
*****			2:12.48 WILLY VAN RYSEL	GBR	2001	2:59.55 MAXINE MERLINO	USA	1997
*****			2:13.13 AILEEN SOULE	USA	1991	3:01.14 KATHERINE PELTON	USA	1991
*****			2:15.09 MARIA LENK-ZIGLER	USA	2000	3:13.12 JEWEL COOKE	USA	1996



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2007)

Table with 7 columns: Time, Name, Country, Year, Time, Name, Country, Year. Lists top 10 swimmers for various distances (200m, 400m, 800m, 1000m, 1500m, 500m, 100m) in men's and women's categories. Includes names like Edith Glusac, Marie Kelleher, Ella Peckham, Jean Durston, etc.



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2007)

2:10.58	MARGO BATES	AUS 2006	800 M. FREE		1:04.11	JAMES PARRACK	GBR 1996	
2:11.92	BERNARDA ANGULO	ESP 2007	8:24.67	ALEX KOSTICH	USA 1997	1:04.49	SIMON LEIGHFIELD	AUS 2002
2:12.98	DOROTHY RIORDAN	USA 2007	8:29.22	NICOLAS GRANGER	FRA 1994	1:04.60	DAVID LUNDBERG	USA 1989
	100 M. BACK		8:32.92	NEIL TAIT	GBR 1996	1:04.78	KAZUO SHIN	JPN 1998
3:42.90	EDITH HENDRY	USA 2007	8:35.91	CHIP HOBSON	USA 1994	1:05.11	GREG OWEN	USA 2006
4:16.79	MARGE ANDERSON	CAN 1998	8:36.83	JEFF ERWIN	USA 1992	1:05.72	MATTHEW CHAPPEL	GBR 2004
4:18.07	ROSA SELLARES	ESP 2005	8:36.88	JOHN PEARSON	USA 1992	1:05.76	ROBERT BUTCHER	USA 1997
4:21.84	BERNARDA ANGULO	ESP 2007	8:37.24	FRANK WERNER	GER 1996	1:05.80	JEFF COMMINGS	USA 2003
4:48.93	MARGO BATES	AUS 2005	8:41.27	NICKY LANGE	GER 2007	1:05.89	GUILLAUME FILION	CAN 2005
	200 M. BACK		8:41.43	MARCUS MATTIOLI	ITA 1988		200 M. BRST	
7:52.01	EDITH HENDRY	USA 2007	8:44.97	MATTHEW DRISCOLL	GBR 1996	2:20.25	SIMON LEIGHFIELD	AUS 2002
9:01.88	BERNARDA ANGULO	ESP 2007		1500 M. FREE		2:22.35	CHRISTOPHER JONES	GBR 2007
	50 M. BRST		16:13.89	ALEX KOSTICH	USA 1997	2:24.69	PETER ROSS	GBR 2006
4:20.32	ROSA SELLARES	ESP 2005	16:28.63	C.HANSMANN	GER 2002	2:24.99	MICHAEL MOLONEY	AUS 1994
			16:28.69	CAMERON REID	USA 1987	2:25.99	MATTHEW CHAPPEL	GBR 2004
			16:31.20	JOHN CALNAN	CAN 2006	2:26.01	EITA TSUMURA	JPN 1998
			16:42.87	JOHN PEARSON	USA 1991	2:26.32	ABRAHAM SOLANO	USA 1996
			16:43.36	GREGORY FUENTES	ECU 1999	2:26.37	SASCHA JANITZKI	GER 2004
			16:43.39	RON NEUGENT	USA 1987	2:26.38	ROBERT BUTCHER	USA 1997
			16:46.97	MATTHEW DRISCOLL	GBR 1995	2:26.54	THOMAS NARNHOFER	AUT 2002
			16:47.90	ANDREA MARCATO	ITA 2002		50 M. FLY	
			16:49.25	BOBBY PATTEN	USA 1989	24.48	KOHEI KAWAMOTO	JPN 2005
				50 M. BACK		24.88	JON WINTER	NZL 1998
			27.08	STEV THELOKE	GER 2007	25.07	V.HAVLICEK	CZE 2000
			27.09	LEONARDO GOMES	BRA 2003	25.16	NAOKI NAGURA	JPN 2006
			27.18	THORSTEN HERRMANN	GER 2003	25.21	JIRI MIKULA	CZE 1997
			27.29	ROBERT KROLL	GER 2005	25.25	ARAKEN MOREIRA	BRA 2005
			27.39	R.ARANTES	BRA 1986	25.25	A.WADDELL	AUS 1992
			27.39	HANS BIJLEMANS	BEL 1998	25.27	FRANCIS R NASSAR	BRA 2001
			27.41	RAFAEL JAKUBIETZ	GER 2000	25.37	MIKE FIBBENS	GBR 1996
			27.42	KEITARO KONNAI	JPN 2004	25.38	MASATERU IKEDA	JPN 1997
			27.42	ROBERT HAUCK	USA 1993		100 M. FLY	
			27.46	SHINGO SEKIGUCHI	JPN 2005	55.35	HONZA VITAZKA	USA 2002
				100 M. BACK		55.69	JASON EADDY	USA 2004
			57.45	JON WINTER	NZL 1997	56.00	YUSUKE ISHIGURO	JPN 2004
			58.00	JAMES CHADWICK	GBR 2004	56.11	MATT HAUPT	USA 2005
			58.24	JOHN KEPPELER	USA 1992	56.31	FREDERIC TONUS	BEL 1998
			58.92	ROBERT HAUCK	USA 1993	56.51	NAOKI NAGURA	JPN 2006
			58.97	GARETH LLEWELLYN	GBR 2004	56.57	JON WINTER	NZL 1998
			59.00	R.ARANTES	BRA 1986	56.65	KARNEY MCNEAR	USA 1998
			59.10	TAKUMA YAMAOKA	JPN 2006	56.76	ARAKEN MOREIRA	BRA 2005
			59.24	KENTARO NAKAMURA	JPN 2002	56.78	V.HAVLICEK	CZE 2000
			59.25	THORSTEN HERRMANN	GER 2006		200 M. FLY	
			59.25	RAFAEL JAKUBIETZ	GER 2000	2:04.14	KIMITAKA MINOBE	JPN 2003
				200 M. BACK		2:05.26	PHILIPP GILGEN	SUI 2003
			2:07.57	JOHN KEPPELER	USA 1992	2:05.76	JASON EADDY	USA 2002
			2:08.23	NICOLAS GRANGER	FRA 1994	2:06.53	MARCUS MATTIOLI	ITA 1988
			2:08.59	HIROSHI NISHIMURA	JPN 2001	2:07.14	HONZA VITAZKA	USA 2002
			2:08.65	ROBERT HAUCK	USA 1993	2:07.54	MATT HAUPT	USA 2005
			2:09.13	JEROME FAROUZE	FRA 2003	2:07.56	KARNEY MCNEAR	USA 1998
			2:09.19	DARRYL FOLLOWS	NZL 1993	2:07.85	LOIC LEROY	FRA 2006
			2:10.30	SHINYA HAYASHI	JPN 2005	2:08.18	ROBERT BAYER	GER 2001
			2:10.47	TAKUMA YAMAOKA	JPN 2005	2:08.21	MARCIO MENEZES	BRA 2006
			2:10.87	CHRISTIAN HEIN	GER 2007		200 M. I.M.	
			2:11.52	JAY YARID	USA 1992	2:06.33	HONZA VITAZKA	USA 2002
				50 M. BRST		2:07.00	NICOLAS GRANGER	FRA 1994
			28.63	CHRISTOPHER JONES	GBR 2007	2:09.21	CAMERON REID	USA 1987
			28.68	JAMES PARRACK	GBR 1996	2:10.44	KAZUYA KUROSU	JPN 2003
			28.96	MITSUHIRO MARU	JPN 2007	2:10.50	MATTHEW CHAPPEL	GBR 2004
			28.98	SETH VAN NERDEN	USA 1997	2:10.70	CHRISTOPHER JONES	GBR 2007
			29.14	CHRIS STEWART	RSA 2006	2:10.70	ROLAND LEE	GBR 1992
			29.30	BASTIAN KAMPMANN	GER 2003	2:11.08	AURELIEN COQ	FRA 2005
			29.37	ROBERT BUTCHER	USA 1997	2:13.11	RENATO RAMALHO	BRA 1996
			29.38	NAOKI NAGURA	JPN 2007	2:13.28	ANDREW MANLEY	GBR 2003
			29.39	TONY REZEK	USA 1999		400 M. I.M.	
			29.52	JEFF COMMINGS	USA 2003	4:31.47	NICOLAS GRANGER	FRA 1994
				100 M. BRST		4:32.19	HONZA VITAZKA	USA 2002
			1:02.65	CHRISTOPHER JONES	GBR 2007	4:32.45	DIRK ZINNOW	GER 2000



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2007)

4:32.96	ALEX KOSTICH	USA	1997	16:36.06	BOBBY PATTEN	USA	1993	2:24.23	TOMASZ DUSZYNSKI	POL	2007
4:34.08	CAMERON REID	USA	1987	16:38.24	JEFF ERWIN	USA	1998	2:24.49	VALERYS KALMIKOV	LAT	2006
4:41.14	MARCUS MATTIOLI	ITA	1988	16:39.40	IGOR PIOVESAN	ITA	2007	2:26.18	DAVID GUTHRIE	USA	1992
4:42.71	TODD ROBINSON	USA	1992	16:42.28	RON NEUGENT	USA	1991	2:26.25	SIMONE BATTISTON	ITA	2007
4:43.17	JOHN PEARSON	USA	1992	16:42.60	ANDREA MARCATO	ITA	2005	2:26.61	BRUCE HOWELL	USA	1987
4:43.60	RENATO RAMALHO	BRA	1996	16:51.84	FABIEN CZACHOR	FRA	2006	2:27.19	THOMAS FRISTOE	USA	1993
4:44.17	RON NEUGENT	USA	1987	17:01.28	ANDREW SAPPEY	USA	1991	2:27.40	VERNES ALBAN	HUN	1988
				17:06.73	ROBERT NICHOLS	USA	1988	2:27.74	RAIKO PACHEL	EST	2004
				17:06.74	JAMES MONTGOMERY	USA	1987	50 M. FLY			

M E N 30-34											

50 M. FREE				50 M. BACK				24.73	OSWALDO QUEVEDO	USA	2006
22.80	ROBERT PEEL	USA	1996	26.64	MARTIN HARRIS	GBR	2002	24.91	GARY HALL	USA	2005
22.91	BRIAN JACOBSON	USA	2005	26.89	VIKTOR AREFYEV	UKR	2005	25.02	ALEXANDER KAHL	GER	2007
23.21	ROWDY GAINES	USA	1991	27.09	DANIEL GOIS	BRA	2006	25.16	BRIAN ALDERMAN	USA	2000
23.27	TODD PACE	USA	1998	27.26	T.TAKEMURA	JPN	2007	25.24	CURTIS SAWIN	USA	2002
23.40	DANO HALSALL	SUI	1995	27.26	SEAN MURPHY	USA	1994	25.25	TAKESHI DANNO	JPN	2000
23.49	DAMIEN CUCUMEL	FRA	2004	27.28	LEONARDO GOMES	BRA	2004	25.26	DAN WEGNER	USA	2002
23.53	DAVIDE DIAMBRI	ITA	2007	27.32	DIX OZIER	USA	1988	25.31	MIKE BOTTOM	USA	1988
23.56	MARK NOETZEL	USA	1995	27.47	C.SORRENTINO	ITA	2007	25.51	JON WINTER	NZL	2002
23.60	M.GIALDI	ITA	2002	27.65	TAKATOSHI NUMATA	JPN	2007	25.53	MAKIO ENDO	JPN	2002
23.73	MICHAEL FIBBENS	GBR	2000	27.70	JOSH DAVIS	USA	2006	100 M. FLY			
100 M. FREE				27.70	MICHAEL FIBBENS	GBR	2000	56.14	HIROKI NAKAZONO	JPN	2007
51.50	ROWDY GAINES	USA	1991	100 M. BACK				56.25	RAZVAN PETCU	USA	2004
52.05	MICHAEL FIBBENS	GBR	2000	57.24	MARTIN HARRIS	GBR	2000	56.49	ROBERTO FIUZA N	BRA	1999
52.32	JAMES MONTGOMERY	USA	1986	58.66	SEAN MURPHY	USA	1994	56.62	OSWALDO QUEVEDO	USA	2006
52.36	MARK NOETZEL	USA	1995	59.16	LEONARDO GOMES	BRA	2004	56.64	MIKE BOTTOM	USA	1988
52.42	BRIAN JACOBSON	USA	2005	59.21	JEFF COMMINGS	USA	2004	56.68	MICHAEL FIBBENS	GBR	2000
52.47	DAVID LUNDBERG	USA	1991	59.41	TAKAFUMI OISHI	JPN	2006	56.69	MICHAEL ARTINGER	GER	1996
52.54	JOCHEN BRUHA	GER	2002	59.77	C.SORRENTINO	ITA	2007	56.78	STEPHANE MEYER	FRA	2005
52.61	KLAUS HUEZ	ITA	2004	1:00.03	JAY YARID	USA	1993	56.86	PHILIPPE MEYER	SUI	2005
52.66	STEPHANE MEYER	FRA	2005	1:00.13	MARK VOGEL	DEN	2000	56.93	MICHAEL SORENSEN	USA	1999
52.70	STEFAN VOLERY	SUI	1994	1:00.17	NICOLAS DUBREUIL	FRA	2004	200 M. FLY			
200 M. FREE				1:00.19	DAVID LUNDBERG	USA	1992	2:00.33	MIGUEL ALCALDE	ESP	2007
1:54.33	JOSH DAVIS	USA	2006	200 M. BACK				2:03.85	BOBBY PATTEN	USA	1995
1:55.28	ROWDY GAINES	USA	1991	2:02.75	ROGERIO ROMERO	BRA	2000	2:06.82	PHILIPPE MEYER	SUI	2005
1:55.48	JAMES MONTGOMERY	USA	1986	2:05.62	SEAN MURPHY	USA	1994	2:06.84	IAN BECK	GBR	1996
1:55.71	JOCHEN BRUHA	GER	2002	2:06.30	MARTIN HARRIS	GBR	2000	2:07.71	JAMES BELARDI	USA	1987
1:56.21	STEVEN MELLOR	GBR	2004	2:08.11	MARK VOGEL	DEN	2000	2:08.88	KIMITAKA MINOBE	JPN	2007
1:56.64	DAN STEPHENSON	USA	1988	2:09.47	JEROME FAROUZE	FRA	2006	2:09.37	SEAN MURPHY	USA	1994
1:57.06	ANDREW MANLEY	GBR	2007	2:09.81	LEONARDO GOMES	BRA	2006	2:09.59	WILLIAM SPECHT	USA	1988
1:57.30	ERIK HOCHSTEIN	USA	2002	2:09.84	JAY YARID	USA	1993	2:09.71	ANDREA MARCATO	ITA	2007
1:57.42	KIRK EVERIST	USA	2000	2:09.93	NICOLAS GRANGER	FRA	2000	2:10.33	PETER EGAN	USA	1996
1:57.54	KAI DITZEL	GER	1994	2:11.63	DARRYL FELLOWS	NZL	1999	200 M. I.M.			
400 M. FREE				2:11.77	TOM WOLF	USA	1987	2:08.89	NICOLAS GRANGER	FRA	2000
4:05.19	CARLOS PAVAO	BRA	2007	50 M. BRST				2:09.69	DAVID LUNDBERG	USA	1991
4:05.61	ERIK HOCHSTEIN	USA	2002	29.01	JEFF COMMINGS	USA	2006	2:09.70	JOSH DAVIS	USA	2006
4:07.04	ROWDY GAINES	USA	1994	29.15	BRIAN JACOBSON	USA	2005	2:09.86	RON KARNAUGH	USA	1996
4:08.53	SEBASTIAN WIESE	GER	2003	29.30	TIMO NOLTE	GER	2006	2:10.55	C.SORRENTINO	ITA	2007
4:08.70	JAMES MONTGOMERY	USA	1986	29.38	HIDEAKI TOGO	JPN	2003	2:11.56	ATTILA CZENE	SWE	2004
4:10.66	ANDREA MARCATO	ITA	2004	29.42	DAVID GUTHRIE	USA	1992	2:11.59	PETER BERMEL	GER	2001
4:11.02	JUAN C VALLEJO	ESP	1994	29.42	DMITRI VOLKOV	RUS	1997	2:11.88	ALBERT SUTANTO	INA	2006
4:11.32	RAPHAEL VIEIRA	BRA	2007	29.54	SETH VAN NEERDEN	USA	1998	2:12.17	HIROYUKI KOSAKA	JPN	2006
4:11.81	DAN STEPHENSON	USA	1989	29.67	TYSON YOUNG	AUS	2006	2:12.37	R. MARK SCHUMAN	USA	1988
4:12.75	STEVEN MELLOR	GBR	2004	29.74	RICK HOFSTETTER	USA	1987	400 M. I.M.			
800 M. FREE				29.82	BRUCE HOWELL	USA	1987	4:38.89	C.SORRENTINO	ITA	2007
8:26.26	CARLOS PAVAO	BRA	2007	100 M. BRST				4:39.92	NICOLAS GRANGER	FRA	2000
8:40.19	ROWDY GAINES	USA	1994	1:05.02	NICK GILLINGHAM	GBR	1999	4:40.22	SEAN MURPHY	USA	1994
8:40.78	ANDREA MARCATO	ITA	2004	1:05.10	JEFF COMMINGS	USA	2007	4:40.44	DAVID LUNDBERG	USA	1992
8:45.26	SEBASTIAN WIESE	GER	2004	1:05.64	SETH VAN NEERDEN	USA	1998	4:41.30	THOMAS FRISTOE	USA	1993
8:46.99	JAMES MONTGOMERY	USA	1986	1:05.65	DAVID LUNDBERG	USA	1991	4:43.53	RAPHAEL VIEIRA	BRA	2007
8:47.10	GLAUCO RANGEL	BRA	2004	1:05.80	DAVID GUTHRIE	USA	1993	4:43.83	ROQUE SANTOS	USA	2001
8:47.72	MICHAEL KLEIBER	GER	1993	1:05.85	TIMO NOLTE	GER	2006	4:43.93	PETR KOLLROS	TCH	1988
8:47.93	IAN BECK	GBR	1996	1:06.47	RAIKO PACHEL	EST	2004	4:45.33	R. MARK SCHUMAN	USA	1988
8:48.38	MARIO KOCH	GER	1996	1:06.56	HIDEAKI TOGO	JPN	2002	4:46.01	ALBERT SUTANTO	INA	2006
8:49.39	DAN STEPHENSON	USA	1988	1:06.68	MARK VANDER MEY	USA	1996	*****			
1500 M. FREE				1:06.87	BRUCE HOWELL	USA	1987	M E N 35-39			
16:35.67	SEBASTIAN WIESE	GER	2003	200 M. BRST				*****			
				2:20.43	NICK GILLINGHAM	GBR	1999	50 M. FREE			
				2:24.06	DAVID LUNDBERG	USA	1991				



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22.76	MARK FOSTER	GBR	2005	27.68	RICK GOULD	USA	2006	25.60	MASATERU IKEDA	JPN	2007
23.20	ROWDY GAINES	JPN	1994	27.70	EDILSON SILVA	BRA	2006	25.62	TYLER JOURDONNAIS	USA	2000
23.28	M.GIALDI	ITA	2004	27.73	DEREK ROBINSON	USA	2004	25.70	MAKIO ENDO	JPN	2007
23.59	STEFAN VOLERY	SUI	1996	28.04	ERIC ERICSON	USA	2000	25.78	GABRIELE MAINI	ITA	2004
23.76	SVEN LODZIEWSKI	GER	2004	28.15	Y.NAKAHARA	JPN	2006	25.81	RON ORRIS	USA	2007
23.79	JANNE VIRTANEN	FIN	2001	28.27	GIUSEPPE TIANO	ITA	2005	25.83	MASAKATSU USAMI	JPN	2007
24.02	JAMES LILLEY	USA	1998	28.36	BERNIE ZERUHN	USA	2006	100 M.	FLY		
24.25	PENG SIONG ANG	SIN	2000	28.37	MIKE MCINTYRE	USA	1989	56.07	MICHAEL ROSS	USA	2004
24.25	MARCEL EKKELBOM	GER	2002	100 M.	BACK			56.39	TYLER JOURDONNAIS	USA	2000
24.26	TODD PACE	USA	2004	59.18	MICHAEL ROSS	USA	2006	56.41	BERNIE ZERUHN	USA	2006
100 M.	FREE			59.91	ERIC ERICSON	USA	2000	56.60	JEFF STUART	USA	1996
51.49	ROWDY GAINES	USA	1995	1:00.00	RICK GOULD	USA	2006	56.76	FRANK WATTLES	USA	2007
51.98	SVEN LODZIEWSKI	GER	2004	1:00.13	J CLAY BRITT	USA	1999	57.10	FRANK CLARK	USA	2003
52.15	RICHARD SAEGER	USA	2001	1:00.29	RICHARD SAEGER	USA	2001	57.32	MASAKATSU USAMI	JPN	2007
52.22	VLAD PYSHNENKO	USA	2006	1:00.44	RONALD KARNAUGH	USA	2003	57.39	PHILIPPE MEYER	SUI	2006
52.23	MICHAEL ROSS	USA	2004	1:00.51	DEREK ROBINSON	USA	2004	57.39	WILLIAM SPECHT	USA	1994
52.93	JOCHEN BRUHA	GER	2004	1:00.72	EDILSON SILVA	BRA	2006	57.43	MASATERU IKEDA	JPN	2007
53.07	M.GIALDI	ITA	2003	1:00.72	Y.NAKAHARA	JPN	2006	200 M.	FLY		
53.72	KEVIN HOOK	USA	1997	1:00.84	NICHOLAS GRANGER	FRA	2002	2:06.74	JEFF STUART	USA	1996
53.84	HENRY CLARK	USA	2003	200 M.	BACK			2:07.13	BERNIE ZERUHN	USA	2006
53.85	STEFAN VOLERY	SUI	1997	2:07.16	RON KARNAUGH	USA	2001	2:08.51	WILLIAM SPECHT	USA	1994
200 M.	FREE			2:09.26	DANIEL VEATCH	USA	2000	2:08.65	MIKE SHAFFER	USA	2002
1:52.84	VLAD PYSHNENKO	USA	2006	2:09.65	DARRYL FOLLOWS	NZL	2002	2:09.03	PHILIPPE MEYER	SUI	2006
1:54.86	RICHARD SAEGER	USA	2001	2:10.38	NICHOLAS GRANGER	FRA	2002	2:09.10	FRANK WATTLES	USA	2007
1:55.36	ROWDY GAINES	JPN	1994	2:10.59	RICK GOULD	USA	2006	2:09.18	JAMES BELARDI	USA	1992
1:55.62	MICHAEL ROSS	USA	2006	2:13.28	JEROME FRENTSOS	USA	2000	2:09.36	DENNIS BAKER	USA	2000
1:55.68	JOCHEN BRUHA	GER	2004	2:13.48	MARK VOGEL	DEN	2006	2:09.77	HENRY CLARK	USA	2002
1:56.02	RONALD KARNAUGH	USA	2003	2:13.56	CHRIS JONES	GBR	2007	2:11.35	TOSHIYUKI IBE	JPN	2005
1:57.37	ERIK HOCHSTEIN	USA	2003	2:13.83	THOMAS WOLF	USA	1990	200 M.	I.M.		
1:57.85	NICHOLAS GRANGER	FRA	2002	2:13.89	YOSHIIHITO NAKAHARA	JPN	2005	2:05.64	RONALD KARNAUGH	USA	2003
1:57.89	BERNIE ZERUHN	USA	2006	50 M.	BRST			2:11.23	NICOLAS GRANGER	FRA	2002
1:57.95	DAN STEPHENSON	USA	1992	28.95	VLADISLAV BRAGIN	RUS	2007	2:13.02	JEROME FRENTSOS	USA	2000
400 M.	FREE			29.09	WALLY DICKS	USA	1998	2:13.27	ALBERTO MONTINI	ITA	2007
4:07.64	ROWDY GAINES	USA	1995	29.40	GERALD MORKEN	GER	1996	2:13.99	EDWIN VAN NORDEN	NED	2001
4:09.74	DANIEL VERDAGUER	ESP	2006	29.64	ANDREA AGOSTINONE	ITA	2006	2:14.94	DARIUSZ WOLNY	POL	1998
4:10.31	ERIK HOCHSTEIN	USA	2003	29.80	NICK GILLINGHAM	GBR	2004	2:15.12	PETER BERMEL	GER	2003
4:14.52	DANIEL SERRA	ESP	2007	30.05	DAVID GUTHRIE	USA	1998	2:15.21	DJAN MADRUGA	BRA	1994
4:15.49	DAN STEPHENSON	USA	1992	30.22	RON DEKKER	NED	2001	2:15.31	ROQUE SANTOS	USA	2006
4:15.85	NICOLAS GRANGER	FRA	2004	30.36	HIDEAKI TOGO	JPN	2007	2:15.37	LORENZO BENUCCI	USA	2004
4:16.20	DANIEL VEATCH	USA	2000	30.47	DAVID LUNDBERG	USA	1998	400 M.	I.M.		
4:16.54	MICHAEL KLEIBER	GER	2000	30.50	KARSTEN GROTE	GER	2007	4:34.10	RON KARNAUGH	USA	2001
4:16.69	MATT KELLER	USA	2004	100 M.	BRST			4:42.45	NICOLAS GRANGER	FRA	2002
4:16.73	ERIC EMINENTE	FRA	1994	1:04.73	NICK GILLINGHAM	GBR	2004	4:43.17	JEROME FRENTSOS	USA	2000
800 M.	FREE			1:05.00	WALLY DICKS	USA	2000	4:46.79	DARIUSZ WOLNY	POL	1998
8:38.73	ROWDY GAINES	USA	1996	1:05.07	ALBERTO MONTINI	ITA	2004	4:48.38	ROQUE SANTOS	USA	2006
8:41.16	DANIEL VERDAGUER	ESP	2006	1:05.58	VLADISLAV BRAGIN	RUS	2007	4:49.90	A.TIBERTI	ITA	2001
8:46.26	JIMMY FURRER	SUI	1996	1:05.63	RONALD KARNAUGH	USA	2003	4:50.18	SERGEY FESENKO	UKR	1994
8:49.89	ALEJANDRO MORENO	MEX	2004	1:05.67	DAVID GUTHRIE	USA	1995	4:50.27	JEFF STILLING	USA	1995
8:52.22	DAN STEPHENSON	USA	1992	1:07.52	DAVID LUNDBERG	USA	1998	4:50.35	ALEJANDRO MORENO	MEX	2004
8:54.26	JEFF STILLING	USA	1995	1:07.54	P.MORENO	COL	1996	4:51.10	A.LAVEGLIA	ITA	2002
8:54.39	MIKE SHAFFER	USA	2002	1:07.61	HIDEAKI TOGO	JPN	2007	*****			
8:54.68	KIRK ANDERSON	USA	1996	1:07.65	MICHAEL RUFFNER	USA	2001	M E N 40-44			
8:55.03	CHRISTOPHER BLACK	USA	2003	200 M.	BRST			*****			
8:55.04	STUART CROMARTY	USA	2003	2:20.29	NICK GILLINGHAM	GBR	2004	50 M.	FREE		
1500 M.	FREE			2:21.87	RON KARNAUGH	USA	2001	23.30	STEPHAN VOLERY	SUI	2001
16:37.34	ROWDY GAINES	USA	1995	2:24.26	ALBERTO MONTINI	ITA	2004	24.14	DAVID BOATWRIGHT	USA	2003
16:45.04	MIKE SHAFFER	USA	2002	2:24.37	DAVID GUTHRIE	USA	1995	24.25	BRENT BARNES	JPN	1998
16:50.83	ERIK HOCHSTEIN	USA	2003	2:26.05	WALLY DICKS	USA	2000	24.36	JANNE VIRTANEN	FIN	2004
16:59.46	DANIEL VEATCH	USA	2001	2:27.55	ROQUE SANTOS	USA	2006	24.39	JOHN SMITH	USA	2006
17:08.23	MICHAEL KLEIBER	GER	2001	2:28.58	VLADISLAV BRAGIN	RUS	2007	24.39	RICK ABBOTT	USA	1995
17:10.80	CHRISTOPHER BLACK	USA	2003	2:29.20	P.MORENO	COL	1996	24.40	CHUCK PONTHER	USA	2006
17:11.82	PAUL ASMUTH	USA	1994	2:29.95	MICHAEL RUFFNER	USA	2001	24.48	METELLO SAVINO	ITA	2005
17:11.89	GEOFFREY GLASER	USA	2003	2:30.28	R.ARGUELLES	PAN	2004	24.54	JOAKIM SJOHOLM	SWE	2004
17:15.37	BENEDIKT NOSS	GER	2003	50 M.	FLY			24.57	RICH SAEGER	USA	2006
17:17.00	JIMMY FURRER	SUI	1997	24.75	MARK FOSTER	GBR	2005	100 M.	FREE		
50 M.	BACK			25.00	WADE KING	USA	2002	53.45	RICH SAEGER	USA	2006
27.50	MICHAEL ROSS	USA	2004	25.31	JAN KARLSSON	SWE	2005	53.66	JOAKIM SJOHOLM	SWE	2004
27.60	J CLAY BRITT	USA	1999	25.49	MICHAEL ROSS	USA	2004				



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53.69	CYRO DELGADO	BRA 2002	1:01.35	CHRIS STEVENSON	USA 2007	58.68	HARTMUT BERNER	GER 2005
53.78	JACK GROSELLE	USA 1998	1:02.48	WILLIAM SPECHT	USA 1998	58.70	MIKE SHAFFER	USA 2006
53.98	METELLO SAVINO	ITA 2006	1:02.58	ROSS DAVIS	USA 2006	58.85	STEVE HILTABIDDLE	USA 2006
54.03	PAUL CARTER	USA 2001	1:02.61	FRITZ LEHMAN	USA 2001	58.86	ALEXEY FILONOV	RUS 2004
54.26	DAVID BOATWRIGHT	USA 2003	1:02.80	DARIUSZ WOLNY	POL 2000	59.02	TAIHEI SAKA	JPN 2007
54.27	JOHN SMITH	USA 2006	1:03.18	JAY YARID	USA 2007	59.02	HESS YNTEMA	USA 1995
54.32	JAMES SORENSEN	USA 1999	1:03.39	PETER R. O'KEEFFE	USA 1990	200 M. FLY		
54.43	MARCEL EKKELBOM	GER 2005	200 M. BACK			2:05.55	DENNIS BAKER	USA 2004
200 M. FREE			2:13.37	SEAN MURPHY	USA 2006	2:09.47	WILLIAM SPECHT	USA 1998
1:55.06	RICH SAEGER	USA 2006	2:14.61	JOHN ENGS	USA 2006	2:10.20	MIKE SHAFFER	USA 2006
1:58.50	KAI DITZEL	GER 2004	2:14.83	DANIEL VEATCH	USA 2006	2:11.53	JAMES BELARDI	USA 1997
1:58.60	ROSS DAVIS	USA 2006	2:15.35	ROSS DAVIS	USA 2006	2:12.43	HESS YNTEMA	USA 1996
1:58.61	PAUL SMITH	USA 2001	2:15.49	WILLIAM SPECHT	USA 1999	2:12.66	JOSEPH RHYNE	USA 1999
1:58.74	JURE BUCAR	SLO 2006	2:15.66	PETER BERMEL	GER 2007	2:13.68	A.LAVEGLIA	ITA 2007
1:58.94	STUART CROMARTY	USA 2004	2:16.07	CHRIS STEVENSON	USA 2007	2:14.83	DAMIANO NANETTI	ITA 2002
1:59.25	HENRY CLARK	USA 2006	2:16.09	SCOTT SHAKE	USA 1999	2:15.14	A.TIBERTI	ITA 2003
1:59.38	PAUL CARTER	USA 2001	2:16.87	KURT DICKSON	USA 2007	2:15.41	CHRIS STEVENSON	USA 2007
1:59.41	JEFFRY UTSCH	USA 2007	2:17.29	DARIUSZ WOLNY	POL 2002	200 M. I.M.		
2:00.43	ALAIN BELLAGUET	FRA 2005	50 M. BRST			2:12.41	PETER BERMEL	GER 2007
400 M. FREE			30.51	GERHARD AMMER	GER 2000	2:14.39	LORENZO BENUCCI	USA 2007
4:11.55	DENNIS BAKER	USA 2004	30.52	MARCO BOBBIO	ITA 2004	2:15.10	JENS-PETER BERNDT	USA 2004
4:13.82	JURE BUCAR	SLO 2006	30.54	ROBERTO TARRICONE	ITA 2004	2:15.53	JAMES SORENSEN	USA 1998
4:14.37	MICHAEL PRUFERT	GER 2006	30.56	GLEN CHRISTIANSEN	SWE 1998	2:16.51	GREGORY SARGENT	USA 2007
4:15.57	BRETT PHILLIPS	USA 2001	30.78	WALLY DICKS	USA 2007	2:16.51	DARIUSZ WOLNY	POL 2000
4:15.71	MICHAEL KLEIBER	GER 2004	30.79	MARK RUTLEDGE	USA 2006	2:16.74	ROSS DAVIS	USA 2007
4:15.78	KAI DITZEL	GER 2004	30.80	RICO ROLLI	ITA 2007	2:17.53	JOHN SMITH	USA 2006
4:15.86	JOSEPH RHYNE	USA 1999	30.82	PEDER DAHLBERG	USA 1992	2:17.64	HESS YNTEMA	USA 1995
4:17.23	STUART CROMARTY	USA 2004	30.83	JENS LUTSCHIN	GER 2006	2:17.95	BRETT PHILLIPS	USA 2001
4:18.30	JEFFRY UTSCH	USA 2007	30.91	DOUG MALCOLM	USA 1997	400 M. I.M.		
4:18.66	GEOFFREY GLASER	USA 2004	100 M. BRST			4:47.01	PETER BERMEL	GER 2007
800 M. FREE			1:08.01	DAVID GUTHRIE	USA 2000	4:49.42	DENNIS BAKER	USA 2005
8:41.65	JEFF ERWIN	USA 2005	1:08.21	HOWARD SEIDMAN	USA 2006	4:49.62	DARIUSZ WOLNY	POL 2000
8:46.51	MICHAEL KLEIBER	GER 2005	1:08.28	MICHAEL RUFFNER	USA 2005	4:50.74	GUNTER GOTTFRIED	GER 2000
8:46.61	MICHAEL PRUFERT	GER 2005	1:08.35	V.PYLYPCHENKO	RUS 2005	4:50.97	LORENZO BENUCCI	USA 2007
8:48.69	JOSEPH RHYNE	USA 1999	1:08.40	WALLY DICKS	USA 2006	4:53.03	HESS YNTEMA	USA 1995
8:51.45	STUART CROMARTY	USA 2004	1:08.44	MARK RUTLEDGE	USA 2005	4:53.24	JENS-PETER BERNDT	USA 2004
8:56.20	BRETT PHILLIPS	USA 2001	1:08.63	PLAMEN ALEXANDROV	USA 2001	4:53.39	A.TIBERTI	ITA 2004
8:57.66	HESS YNTEMA	USA 1995	1:08.97	RON SCHAFFER	USA 1998	4:53.46	A.LAVEGLIA	ITA 2006
8:57.91	MIKE SHAFFER	USA 2006	1:09.12	ANDREY BARZHAK	RUS 2005	4:55.54	BRETT PHILLIPS	USA 2001
9:01.38	DANIEL VEATCH	USA 2006	1:09.31	ANTHONY ODRISCOLL	GBR 2000	*****		
9:02.50	MARCO TENDERINI	ITA 2007	200 M. BRST			M E N 45-49		
9:02.50	B.BORDONALI	ITA 2004	2:28.54	DAVID GUTHRIE	USA 2000	*****		
1500 M. FREE			2:29.77	RON SCHAFFER	USA 1998	50 M. FREE		
16:45.53	MICHAEL KLEIBER	GER 2003	2:29.99	TIMOUR PODMARER	RUS 1998	24.26	BRENT BARNES	JPN 2004
16:54.95	MICHAEL PRUFERT	GER 2006	2:31.53	V.PYLYPCHENKO	UKR 2006	24.29	PAUL SMITH	USA 2006
16:58.52	HESS YNTEMA	USA 1995	2:32.12	RICK COLELLA	USA 1992	24.74	MARCO COLOMBO	ITA 2005
17:05.53	JOSEPH RHYNE	USA 1999	2:33.80	PLAMEN ALEXANDROV	USA 2003	24.75	GARY SCHATZ	USA 2000
17:14.13	GEORGE TIDMARSH	USA 2003	2:34.57	JURGEN BRUHN	GER 1996	24.87	G.GIGLIETTI	ITA 2006
17:16.27	MIKE SHAFFER	USA 2005	2:34.96	ANTHONY ODRISCOLL	GBR 2000	24.92	JACK GROSELLE	USA 2000
17:26.47	GERRY RODRIGUES	USA 2005	2:34.97	GLEN CHRISTIANSEN	SWE 1997	24.94	LARRY FORSYTH	AUS 2004
17:27.71	ROBBIE ALLEN	USA 2007	2:35.02	RICARDO TORRES	PAN 2007	24.98	DAVID BOATWRIGHT	USA 2006
17:29.36	MARCO TENDERINI	ITA 2007	50 M. FLY			25.00	STEVE WOOD	USA 2007
17:32.19	KAI DITZEL	GER 2003	25.87	PAUL SMITH	USA 2000	25.02	RICK ABBOTT	USA 2002
50 M. BACK			25.90	HARTMUT BERNER	GER 2005	100 M. FREE		
27.88	CLAY BRITT	USA 2002	26.01	ROBERTO TARRICONE	ITA 2004	53.77	MARCO COLOMBO	ITA 2005
28.23	CHRIS STEVENSON	USA 2007	26.08	STEVE HILTABIDDLE	USA 2007	53.90	JACK GROSELLE	USA 1999
28.51	BRAD COOPER	AUS 1994	26.29	GABRIELE MAINI	POL 2007	54.22	JAMES MONTGOMERY	USA 2002
28.53	RICH SAEGER	USA 2006	26.32	CHUCK PONTIER	USA 2006	54.41	PAUL SMITH	USA 2006
28.59	SEAN MURPHY	USA 2006	26.33	WILLIAM SPECHT	USA 1998	54.83	DAVID BOATWRIGHT	USA 2006
28.69	PETER ROCCA	USA 1999	26.38	RAMON VOLCAN	VZL 1998	54.95	STEVE WOOD	USA 2007
28.72	FRITZ LEHMAN	USA 2000	26.43	PAUL CARTER	USA 2001	55.35	PAUL CARTER	USA 2002
28.77	SHUJI AZUMA	JPN 2007	26.52	PENG SIONG ANG	SIN 2002	55.51	GARY SCHATZ	USA 2000
28.87	CRAIG NORREY	SUI 2001	100 M. FLY			55.66	TERRY DOWNES	RSA 1994
28.88	WILLIAM SPECHT	USA 1999	57.57	PAUL CARTER	USA 2001	55.67	LARRY FORSYTH	AUS 2004
100 M. BACK			57.62	HENRY CLARK	USA 2005	200 M. FREE		
1:00.64	RICH SAEGER	USA 2006	57.79	WILLIAM SPECHT	USA 1999	1:59.56	MARCUS MATTIOLI	BRA 2006
1:00.91	CLAY BRITT	USA 2002	57.97	DENNIS BAKER	USA 2004	1:59.60	MARCO COLOMBO	ITA 2007
1:00.95	SEAN MURPHY	USA 2006	58.64	PAUL SMITH	USA 2000			



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2007)

2:00.44	PAUL SMITH	USA	2006	2:20.14	WILLIAM SPECHT	USA	2003	2:17.94	HUGO BREGMAN	NED	2007
2:00.89	DAN STEPHENSON	USA	2002	2:20.17	SHAWN O'GORMAN	USA	2006	2:19.42	BRADLEY HORNER	USA	2000
2:01.25	DANIEL MACHEK	CZE	2006	2:20.34	DJAN MADRUGA	BRA	2005	2:19.69	DAMIANO NANETTI	ITA	2007
2:01.30	JACK GROSELLE	USA	2002	2:20.91	STEVE WOOD	USA	2007	2:21.01	FRANCIS CHRISTIAN	AUS	2002
2:01.67	JAMES MONTGOMERY	USA	2002	2:21.43	MARCO COLOMBO	ITA	2007	200 M.	I.M.		
2:01.99	BOB BUGG	USA	2004	2:21.66	TOM WOLF	USA	1999	2:16.12	DENNIS BAKER	USA	2006
2:03.14	STEVE WOOD	USA	2007	50 M.	BRST			2:18.58	MARCO COLOMBO	ITA	2007
2:03.49	CYRO DELGADO	BRA	2006	30.27	RICHARD SCHROEDER	USA	2006	2:18.61	SERGII FESENKO	UKR	2004
400 M.	FREE			30.41	GLEN CHRISTIANSEN	SWE	2002	2:19.67	SHAWN O'GORMAN	USA	2006
4:14.81	MARCUS MATTIOLI	BRA	2006	31.03	JON BLANK	USA	2006	2:19.69	PAUL CARTER	USA	2002
4:15.16	DENNIS BAKER	USA	2006	31.12	DOUG MALCOLM	USA	2005	2:20.67	ROGER VON JOUANNE	USA	2006
4:20.23	DANIEL MACHEK	CZE	2006	31.47	THOMAS LIGL	GER	2007	2:22.06	TIM BRODERICK	USA	1996
4:21.13	DAN STEPHENSON	USA	2002	31.53	DAVID GUTHRIE	USA	2006	2:22.11	CAMERON REID	USA	2006
4:21.16	JIM MCCONICA	USA	1999	31.54	C MILTENBERGER	USA	1998	2:22.21	LINCOLN DJANG	USA	2005
4:22.26	FRANK CHRISTIAN	AUS	2005	31.70	THOMAS PAEHR	GER	2000	2:22.23	DAN STEPHENSON	USA	2002
4:23.49	GEORGE TIDMARSH	USA	2005	31.76	MAGNUS FALTMAN	SWE	2004	400 M.	I.M.		
4:24.37	TIM BRODERICK	USA	1996	31.84	ANDREAS DIEHL	GER	2007	4:50.73	DENNIS BAKER	USA	2006
4:24.61	NEIL BROPHY	USA	2006	100 M.	BRST			4:57.22	MARCUS MATTIOLI	BRA	2007
4:25.72	GERRY RODRIGUES	USA	2007	1:08.92	RICHARD SCHROEDER	USA	2006	4:59.83	DJAN MADRUGA	BRA	2004
800 M.	FREE			1:09.38	GLEN CHRISTIANSEN	SWE	2002	5:00.60	CAMERON REID	USA	2006
8:42.85	MARCUS MATTIOLI	BRA	2006	1:09.67	DAVID GUTHRIE	USA	2005	5:02.54	SHAWN O'GORMAN	USA	2006
8:58.84	JIM MCCONICA	USA	1999	1:10.23	JON BLANK	USA	2006	5:03.38	ROGER VON JOUANNE	USA	2006
9:03.54	DANIEL MACHEK	CZE	2004	1:10.27	GREGORY OXLEY	USA	2003	5:04.27	MICHAL BARES	CZE	2004
9:07.99	GEORGE TIDMARSH	USA	2006	1:10.77	TIMUR PODMAREV	RUS	2004	5:04.67	LINCOLN DJANG	USA	2004
9:08.34	MARK DRENNEN	USA	2004	1:10.79	THOMAS LIGL	GER	2007	5:06.20	KEN SHILLING	USA	2006
9:10.46	CRAIG PETERSEN	USA	2006	1:11.48	A.O'DRISCOLL	GBR	2004	5:06.32	GREGORY DOZER	USA	2002
9:10.63	B.BORDONALI	ITA	2007	1:11.49	DOUG MALCOLM	USA	2006				
9:13.29	TODD BRYAN	USA	1998	1:11.80	JURGEN BRUHN	GER	2001				
9:14.68	FRANK CHRISTIAN	AUS	2005	200 M.	BRST						
9:14.77	JIM CALLAHAN	USA	2002	2:31.42	DAVID GUTHRIE	USA	2006				
1500 M.	FREE			2:33.74	THOMAS LIGL	GER	2006				
17:10.90	GEORGE TIDMARSH	USA	2005	2:34.32	TIMUR PODMAREV	RUS	2006	24.60	RICHARD ABRAHAMS	USA	1998
17:28.80	B.BORDONALI	ITA	2007	2:35.11	GLEN CHRISTIANSEN	SWE	2002	24.89	JACK GROSELLE	USA	2004
17:31.23	TODD BRYAN	USA	1998	2:36.36	JON BLANK	USA	2006	24.94	TRIP HEDRICK	USA	2006
17:32.81	JIMMY FURRER	SUI	2004	2:37.81	RON SCHAFER	USA	2002	25.03	GARY SCHATZ	USA	2005
17:38.94	MARK DRENNEN	USA	2004	2:37.89	PAT ALLENDER	USA	2003	25.39	JOHN FIELDS	USA	2007
17:47.47	STEFANO SEGUITI	ITA	2004	2:38.45	G.DELLI-GUANTI	ITA	2007	25.47	PHILIPPE MORELLE	BEL	2007
17:49.09	BRETT PHILLIPS	USA	2004	2:38.65	JURGEN BRUHN	GER	2001	25.49	V.GALAVTINE	RUS	2003
17:52.87	ARNALDO PEREZ	USA	2007	2:38.95	GREGORY OXLEY	USA	2003	25.53	DAN STEPHENSON	USA	2007
17:59.97	TIM BRODERICK	USA	1996	50 M.	FLY			25.54	PAUL TREVISAN	USA	2003
18:00.48	KEITH BERRYHILL	USA	2004	25.90	PAUL SMITH	USA	2006	25.60	RICK ABBOTT	USA	2006
50 M.	BACK			26.12	PAUL CARTER	USA	2002	25.60	RICARDO S DAVIS	BRA	2001
28.60	STEVE WOOD	USA	2007	26.64	TRIP HEDRICK	USA	2003	100 M.	FREE		
28.74	CLAY BRITT	USA	2006	26.97	GREGG PRICE	RSA	2006	54.93	JACK GROSELLE	USA	2004
29.01	CRAIG NORREY	SUI	2006	26.97	RICK ABBOTT	USA	2000	55.11	DAN STEPHENSON	USA	2007
29.17	MARCO COLOMBO	ITA	2005	27.03	WILLIAM SPECHT	USA	2003	55.38	TRIP HEDRICK	USA	2006
29.18	PETER ROCCA	USA	2002	27.04	RAMON VOLCAN	VEN	2007	56.37	JOHN VAN BUUREN	CAN	2004
29.25	FRITZ LEHMAN	USA	2004	27.08	CHARLES NORELLI	USA	2000	56.44	LEE MENCH	USA	2003
29.29	RAMON VOLCAN	VEN	2006	27.12	DAN THOMPSON	USA	1992	56.47	JOHN FIELDS	USA	2006
29.33	DIX OZIER	NZL	2002	27.19	JAMES BALLARD	USA	2003	56.67	PAUL TREVISAN	USA	2003
29.41	WILLIAM SPECHT	USA	2003	100 M.	FLY			56.69	TERRY DOWNES	RSA	1999
29.75	JAMES BALLARD	USA	2003	56.42	PAUL CARTER	USA	2002	56.80	JIM MONTGOMERY	USA	2006
100 M.	BACK			59.03	PAUL SMITH	USA	2005	56.98	RICHARD ABRAHAMS	USA	1998
1:01.68	STEVE WOOD	USA	2007	59.38	WILLIAM SPECHT	USA	2003	200 M.	FREE		
1:02.07	CLAY BRITT	USA	2006	1:00.34	MARCUS MATTIOLI	BRA	2007	2:00.34	DAN STEPHENSON	USA	2007
1:02.62	FRITZ LEHMAN	USA	2003	1:00.37	STEVE WOOD	USA	2007	2:02.50	JIM MCCONICA	USA	2000
1:02.92	MARCO COLOMBO	ITA	2005	1:00.42	BRADLEY HORNER	USA	2000	2:03.66	JACK GROSELLE	USA	2004
1:03.56	JAMES BALLARD	USA	2003	1:00.65	DENNIS BAKER	USA	2006	2:05.73	BOB BUGG	USA	2007
1:03.68	TOM WOLF	USA	2000	1:00.69	JIM BELARDI	USA	2002	2:06.21	LARRY KRAUSER	USA	2003
1:03.71	SHAWN O'GORMAN	USA	2006	1:00.99	FABIO BERNARDI	ITA	2004	2:06.84	JEFFREY PEROUT	USA	2003
1:03.90	PETER ROCCA	USA	2002	1:01.04	ALEXEY FILONOV	RUS	2007	2:06.98	MARK DRENNEN	USA	2006
1:04.12	WILLIAM SPECHT	USA	2003	200 M.	FLY			2:07.17	FRED SCHLICHER	USA	1998
1:04.69	EDDIE RIACH	GBR	1998	2:06.94	DENNIS BAKER	USA	2006	2:08.00	LEE MENCH	USA	2003
200 M.	BACK			2:08.34	MARCUS MATTIOLI	BRA	2006	2:08.12	JIM MONTGOMERY	USA	2006
2:18.61	WIESLAW MUSIAL	CAN	2003	2:10.97	PAUL CARTER	USA	2002	400 M.	FREE		
2:19.07	FRITZ LEHMAN	USA	2003	2:11.02	WILLIAM SPECHT	USA	2003	4:16.61	DAN STEPHENSON	USA	2007
2:19.14	SCOTT SHAKE	USA	2005	2:14.96	JIM BELARDI	USA	2002	4:19.47	JIM MCCONICA	USA	2000
2:19.70	ROGER VON JOUANNE	USA	2006	2:17.71	JAMES DENSMORE	USA	2000	4:27.07	MARK DRENNEN	USA	2006



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4:32.51	TOD SPIEKER	USA 1998	32.44	DON MC KENZIE	USA 1997	2:26.34	TIMUR PODMAREV	RUS 2007
4:32.61	SANDY MAC DONALD	USA 2006	32.58	TIMOTHY SHEAD	RSA 2002	2:26.38	TIMOTHY SHEAD	USA 2002
4:32.69	MICHAEL MANN	USA 2006	32.76	NEVILLE BARTON	GBR 2006	2:26.81	SIMON VEALE	GBR 2007
4:33.11	BOB BUGG	USA 2007	32.85	FABRIZIO GRIFFO	ITA 2007	2:27.16	SPENCER ELDRED	USA 2006
4:33.78	FRED SCHLICHER	USA 1998	32.88	WOLFGANG PIRL	GER 2007	400 M.	I.M.	
4:33.86	MICHAEL SHERRILL	USA 1999	100 M.	BRST		5:03.27	LORENZO MARUGO	ITA 2004
4:34.87	LARRY KRAUSER	USA 2005	1:11.49	JACK GROSELLE	USA 2004	5:05.82	RICK COLELLA	USA 2001
800 M.	FREE		1:11.55	TIMUR PODMAREV	RUS 2007	5:07.52	JIM MCCONICA	USA 2002
9:03.84	JIM MC CONICA	USA 2001	1:11.59	DOUG MALCOLM	USA 2007	5:10.32	MICHAEL MANN	USA 2006
9:06.61	DAN STEPHENSON	USA 2007	1:11.90	ROBERT STRAND	USA 1998	5:10.94	MARK DRENNEN	USA 2006
9:13.68	MARK DRENNEN	USA 2006	1:12.27	RONNY OLTNER	SWE 2007	5:17.34	ALEXANDER MILLS	NOR 2004
9:14.23	LORENZO MARUGO	ITA 2004	1:12.32	DON MC KENZIE	USA 1997	5:17.96	LAWRENCE DAY	USA 2001
9:17.97	MICHAEL MANN	USA 2006	1:12.50	RICK COLELLA	USA 2001	5:18.87	SIMON VEALE	GBR 2007
9:24.93	SANDY MAC DONALD	USA 2006	1:12.77	GLEN CHRISTIANSEN	SWE 2007	5:19.97	MATTHEW KANZLER	USA 2007
9:27.52	TOD SPIEKER	USA 1998	1:12.94	TIMOTHY SHEAD	RSA 2002	5:20.50	PAUL FETTERS	USA 2003
9:30.93	MIKE SHERRIL	USA 1999	1:13.37	WOLFGANG PIRL	GER 2007			
9:32.38	JIM CLEMMONS	USA 2002	200 M.	BRST		*****		
9:32.70	FRANCIS CHRISTIAN	AUS 2007	2:34.70	TIMUR PODMAREV	RUS 2007	M E N 55-59		
1500 M.	FREE		2:35.08	LORENZO MARUGO	ITA 2004	*****		
17:08.33	JIM MCCONICA	USA 2000	2:39.08	RICK COLELLA	USA 2001	50 M.	FREE	
17:40.70	MARK DRENNEN	USA 2006	2:40.57	ROBERT STRAND	USA 1996	25.53	RICHARD ABRAHAMS	USA 2002
17:52.24	LORENZO MARUGO	ITA 2004	2:40.80	WOLFGANG PIRL	GER 2007	25.74	PAUL TREVISAN	USA 2006
18:00.54	FRANCIS CHRISTIAN	AUS 2007	2:42.74	SPENCER ELDRED	USA 2006	25.99	LEONARD BIELICZ	SWE 2007
18:04.63	R TOD SPIEKER	USA 1998	2:42.88	RONNY OLTNER	SWE 2006	26.04	TERRY DOWNES	RSA 2004
18:13.47	JIM CLEMMONS	USA 2002	2:43.15	DAVID WHITE	USA 2006	26.11	STEVE BOROWSKI	USA 2002
18:15.68	LARRY KRAUSER	USA 2005	2:44.23	BARRY O'BRIEN	GBR 2007	26.15	TOM GEIMAN	USA 2004
18:16.92	JOHN HUGHES	USA 2005	2:44.60	TIMOTHY SHEAD	USA 2002	26.27	THOMAS WHATLEY	USA 2006
18:40.09	STEVEN PRESCOTT	NZL 2004	50 M.	FLY		26.29	GREG SHAW	USA 2006
18:41.11	J.CLAUDE CHATARD	FRA 2005	26.23	TRIP HEDRICK	USA 2004	26.33	STEVE CLARK	USA 1998
50 M.	BACK		27.12	JOHN FIELDS	USA 2007	26.57	KEEFE LODWIG	USA 1998
29.81	TOM WOLF	USA 2004	27.13	RICHARD ABRAHAMS	USA 1998	100 M.	FREE	
29.95	JOHN VAN BUUREN	CAN 2004	27.30	SAM FRANKLIN	USA 2007	57.85	ALEXANDER MILLS	NOR 2006
30.16	ANDRE STEYNBERG	RSA 2006	27.30	GREG SHAW	USA 2005	58.07	PAUL TREVISAN	USA 2006
30.36	CASEY CLAFLIN	USA 2003	27.39	JOHN VAN BUUREN	CAN 2004	58.23	RICHARD ABRAHAMS	USA 2002
30.37	GUY HARKER	RSA 2006	27.50	RICK ABBOTT	USA 2006	58.41	TIMOTHY GARTON	USA 1998
30.63	HUGH WILDER	USA 1997	27.56	PHILIPPE MORELLE	BEL 2007	58.43	TERRY DOWNES	RSA 2004
30.64	V.GALAVTINE	RUS 2003	27.64	DAVID HAGUE	USA 2004	58.43	TOM GEIMAN	USA 2004
30.73	ALBERT BOONSTRA	NED 2007	27.69	GARY SCHATZ	USA 2005	58.52	KEEFE LODWIG	USA 1998
30.82	RICK ABBOTT	USA 2006	27.69	STEVE BOROWSKI	USA 1998	58.61	GREG SHAW	USA 2006
30.93	JOHN SMITH	USA 1988	100 M.	FLY		58.68	LEONARD BIELICZ	SWE 2006
100 M.	BACK		59.49	TRIP HEDRICK	USA 2004	58.99	STEVE BOROWSKI	USA 2002
1:04.83	TOM WOLF	USA 2004	1:01.43	JOHN VAN BUUREN	CAN 2004	200 M.	FREE	
1:06.28	DAN STEPHENSON	USA 2007	1:01.79	GREG SHAW	USA 2003	2:08.03	JIM MC CONICA	USA 2005
1:06.36	V.GALAVTINE	RUS 2003	1:01.93	JOHN MCCALL	USA 2003	2:10.11	ALEXANDER MILLS	NOR 2006
1:06.43	ROBERT SUPPLE	USA 2006	1:01.94	LAWRENCE DAY	USA 2001	2:10.90	TERRY DOWNES	RSA 2004
1:06.52	WIESLAW MUSIAL	CAN 2007	1:02.04	SCOTT LAUTMAN	USA 2004	2:11.66	R TOD SPIEKER	USA 2003
1:06.83	JONATHAN KLEIN	USA 2007	1:02.25	RICHARD ABRAHAMS	USA 1998	2:11.99	TYRONE TOZER	RSA 2005
1:06.91	JOHN VAN BUUREN	CAN 2004	1:02.73	V.GALAVTINE	RUS 2003	2:12.46	J.CHATARD	FRA 2006
1:07.03	JEFFREY LUKENS	USA 2006	1:02.81	FRED SCHLICHER	USA 1998	2:12.76	GRAHAM CROFT	AUS 2003
1:07.09	RICK ABBOTT	USA 2006	1:02.90	STEVEN WALL	GBR 2006	2:13.64	SVEN VON HOLST	SWE 2004
1:07.16	HUGH WILDER	USA 1997	200 M.	FLY		2:13.76	GEORGE WATSON	USA 2002
200 M.	BACK		2:21.40	SCOTT LAUTMAN	USA 2004	2:14.17	BILL DEVENISH	AUS 2006
2:20.51	TOM WOLF	USA 2004	2:22.29	LAWRENCE DAY	USA 2001	400 M.	FREE	
2:23.15	WIESLAW MUSIAL	CAN 2007	2:25.14	JIM MC CONICA	USA 2001	4:25.34	JIM MC CONICA	USA 2005
2:25.70	JIM MCCONICA	USA 2000	2:26.11	DAVE TANNER	USA 2000	4:37.94	J.CHATARD	FRA 2006
2:26.54	RICK STRINGER	USA 2000	2:26.17	BOO GRANER-GALLAS	USA 1997	4:38.81	R TOD SPIEKER	USA 2003
2:27.01	R TOD SPIEKER	USA 1998	2:26.34	FRED SCHLICHER	USA 1998	4:41.12	GEORGE WATSON	USA 2002
2:27.16	FRED FERROGGIARO	USA 2005	2:26.64	MATTHEW KANZLER	USA 2007	4:46.13	TODD BRYAN	USA 2006
2:27.45	PAUL FETTERS	USA 2003	2:27.03	RICK COLELLA	USA 2001	4:46.85	RON ARMSTRONG	CAN 2006
2:27.85	GARY SCHATZ	USA 2006	2:27.42	FRANCIS CHRISTIAN	AUS 2007	4:46.92	TIM BIRNIE	USA 2000
2:28.35	BOB BUGG	USA 2007	2:27.97	PATRICK BERGER	FRA 2006	4:46.95	DUNCAN MCCREADIE	GBR 2001
2:28.69	JEFFREY LUKENS	USA 2006	200 M.	I.M.		4:47.89	JOHN CALVERT	USA 2001
50 M.	BRST		2:23.06	LORENZO MARUGO	ITA 2004	4:47.94	JIM CLEMMONS	USA 2005
31.37	DOUG MALCOLM	USA 2007	2:23.45	RICK COLELLA	USA 2001	800 M.	FREE	
31.96	RONNY OLTNER	SWE 2007	2:23.86	JACK GROSELLE	USA 2005	9:06.86	JIM MCCONICA	USA 2006
32.16	ROBERT STRAND	USA 1998	2:23.88	TOM WOLF	USA 2004	9:35.87	TODD BRYAN	USA 2006
32.20	JACK GROSELLE	USA 2004	2:24.90	MICHAEL MANN	USA 2006	9:37.49	J.CHATARD	FRA 2006
32.42	TIMUR PODMAREV	RUS 2007	2:25.77	JIM MCCONICA	USA 2000	9:40.68	R TOD SPIEKER	USA 2003



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9:43.93	JIM CLEMMONS	USA	2005	1:17.18	ALBERT KOSTITSYN	FIN	2000	5:38.78	TOD SPIEKER	USA	2004	
9:49.03	GEORGE WATSON	USA	2002	1:17.42	C.STARZEC	FRA	2005	5:41.81	SANDY GALLETLY	GBR	1998	
9:53.08	RICK WALKER	USA	2006	1:17.49	TOSHIHARU FUJII	JPN	2007					
9:58.62	JACK MARTIN	USA	2006	1:17.87	JOHN KORTHEUER	USA	1988					
10:00.18	D.UJTENBOGAART	NED	2002	200 M.	BRST			*****				
10:03.22	SANDY GALLETLY	GBR	1998	2:45.87	LORENZO MARUGO	ITA	2007					
	1500 M.	FREE		2:46.31	ROBERT STRAND	USA	2001	*****				
17:40.10	JIM MC CONICA	USA	2005	2:49.48	ROBERT WEYHENKE	NED	2007	50 M.	FREE			
18:35.85	J.CHATARD	FRA	2006	2:50.27	TIM SHEAD	RSA	2007	25.23	RICHARD ABRAHAMS	USA	2006	
18:45.20	RICK WALKER	USA	2005	2:50.44	WILLIAM GONZALEZ	USA	1997	26.70	JEFF FARRELL	USA	1998	
18:57.38	R TOD SPIEKER	USA	2004	2:50.48	JIM CLEMMONS	USA	2006	26.94	JAMES ELDER	USA	2006	
19:11.76	SANDY GALLETLY	GBR	1998	2:51.10	GERSHON SHEFA	ISR	2001	27.02	JAMES DE LACY	USA	2006	
19:16.02	GEORGE WENDT	USA	2003	2:51.25	TAKEO HIRAMOTO	JPN	2006	27.38	VINUS VAN BAALEN	USA	2006	
19:16.10	VITTORIO ERMIRIO	ITA	2001	2:52.11	ALLEN STARK	USA	2006	27.60	DAVID QUIGGIN	USA	2004	
19:20.84	D.UJTENBOGAART	NED	2002	2:52.66	BOB HATHERLY	RSA	2006	27.62	ROBERT SMITH	USA	2003	
19:26.64	LORENZO MARUGO	ITA	2007	50 M.	FLY			27.63	KEEFE LODWIG	USA	2003	
19:27.48	BILL DARBY	USA	2002	27.08	GREG SHAW	USA	2007	27.66	MASAMI TATEISHI	JPN	2000	
	50 M.	BACK		27.43	RICHARD ABRAHAMS	USA	2002	27.68	PETER ANDERSEN	USA	2003	
	30.37	GARY HALL	USA	2006	27.80	STEVE BOROWSKI	USA	2003	100 M.	FREE		
	30.78	HUGH WILDER	USA	2004	28.22	KEEFE LODWIG	USA	1998	58.61	RICHARD ABRAHAMS	USA	2005
	31.10	KIERAN KELLEHER	ITA	2003	28.24	LEONARD BIELICZ	SWE	2007	59.66	JAMES DE LACY	USA	2006
	31.22	RICHARD BOBER	USA	2006	28.29	GARY HALL	USA	2006	1:00.11	JEFF FARRELL	USA	1998
	31.52	ROBERT SMITH	USA	1998	28.62	ALEXANDER MILLS	NOR	2006	1:00.27	DAVID QUIGGIN	USA	2004
	31.71	TIM BIRNIE	USA	2000	28.64	JOEL BURNS	USA	2003	1:01.25	KEEFE LODWIG	USA	2003
	31.84	GREG SHAW	USA	2007	28.68	DON MEHL	USA	2006	1:02.08	ALAN BROWN	AUS	2006
	31.94	TOM GEIMAN	USA	2004	28.68	BERND SCHRODER	GER	1999	1:02.45	TONY STRAHAN	AUS	2002
	31.96	TAKEO HIRAMOTO	JPN	2007	100 M.	FLY			1:02.53	CHRIS DUNN	GBR	2006
	31.98	CHARLES WOLFF	USA	2006	1:01.05	GREG SHAW	USA	2006	1:02.67	CAV CAVANAUGH	USA	1999
	100 M.	BACK		1:03.24	LEONARD BIELICZ	SWE	2006	1:02.80	DONALD HILL	USA	1992	
1:06.16	GARY HALL	USA	2006	1:03.90	RICHARD ABRAHAMS	USA	2000	200 M.	FREE			
1:07.81	HUGH WILDER	USA	2002	1:04.15	STEVE BOROWSKI	USA	2003	2:13.32	JAMES DE LACY	USA	2006	
1:08.55	RICHARD BOBER	USA	2006	1:05.16	SHIGEO ASANO	JPN	2004	2:15.35	DUNCAN MCCREADIE	FRA	2006	
1:09.27	TIM BIRNIE	USA	2000	1:05.34	SCOTT LAUTMAN	USA	2007	2:17.43	TOM LANDIS	USA	2002	
1:09.48	JIM ADAMS	IRL	2007	1:05.58	ROBERT POLLETMAN	USA	2002	2:18.52	RICHARD ABRAHAMS	USA	2006	
1:09.76	TIM SHEAD	RSA	2007	1:06.31	BERND SCHRODER	GER	1999	2:18.60	JOHN CALVERT	USA	2006	
1:10.30	MARK PUGLIESE	USA	2007	1:06.38	JOEL BURNS	USA	2001	2:18.68	CHRIS DUNN	GBR	2006	
1:10.30	RICHARD BURNS	USA	2001	1:06.57	TIM SHEAD	RSA	2007	2:18.84	TIM BIRNIE	USA	2006	
1:10.38	JIM MCCONICA	USA	2006	200 M.	FLY			2:20.54	JEFF FARRELL	USA	1998	
1:10.51	CHARLES WOLFF	USA	2006	2:25.35	GREG SHAW	USA	2006	2:20.80	VITTORIO ERMIRIO	ITA	2002	
	200 M.	BACK		2:28.62	JIM MC CONICA	USA	2006	2:20.97	JACK GEOGHEGAN	USA	2002	
2:25.89	JIM MC CONICA	USA	2005	2:32.29	TAKEO HIRAMOTO	JPN	2005	400 M.	FREE			
2:30.26	JIM ADAMS	IRL	2007	2:33.32	ROBERT POLLETMAN	USA	2002	4:51.23	DUNCAN MCCREADIE	GBR	2005	
2:30.82	R TOD SPIEKER	USA	2003	2:33.77	SCOTT LAUTMAN	USA	2007	4:54.79	CHRIS DUNN	GBR	2006	
2:30.84	TIM BIRNIE	USA	2000	2:34.90	PETER GILMOUR	AUS	1997	4:57.03	SANDY GALLETLY	GBR	2002	
2:32.93	JOHN CALVERT	USA	2000	2:35.12	FRED SCHLICHER	USA	2007	4:58.59	VITTORIO ERMIRIO	ITA	2002	
2:33.29	TIM SHEAD	RSA	2007	2:37.23	DAVE TANNER	USA	2006	4:59.08	JOHN CALVERT	USA	2006	
2:34.85	RICHARD BOBER	USA	2006	2:37.59	SHIGEO ASANO	JPN	2004	4:59.09	FABRIZIO MOMONI	ITA	2001	
2:36.14	ALEX SHESTAKOV	USA	2006	2:37.86	JOHN KEYTER	RSA	2006	5:00.66	MOSHE GERTEL	ISR	2006	
2:36.23	TERRY DOWNES	RSA	2004	200 M.	I.M.			5:01.83	JACK GEOGHEGAN	USA	2002	
2:37.14	RICHARD BURNS	USA	1999	2:27.60	GREG SHAW	USA	2006	5:04.16	TOM LANDIS	USA	2002	
	50 M.	BRST		2:27.92	ALEXANDER MILLS	NOR	2006	5:04.45	DRURY GALLAGHER	USA	1999	
	33.03	ALEXANDER MILLS	NOR	2006	2:28.70	TIM SHEAD	RSA	2007	800 M.	FREE		
	33.03	HIROSHI KOTEGAWA	JPN	1993	2:29.02	JIM MCCONICA	USA	2005	10:02.40	DUNCAN MCCREADIE	GBR	2005
	33.32	ROBERT STRAND	USA	2002	2:29.37	ROBERT WEYHENKE	NED	2007	10:06.75	SANDY GALLETLY	GBR	2002
	33.37	DONALD MCKENZIE	USA	2002	2:30.33	JOHN CALVERT	USA	2000	10:09.12	JOHN CALVERT	USA	2006
	33.44	TIM SHEAD	RSA	2007	2:32.07	RONALD ARMSTRONG	CAN	2006	10:16.84	JAMES MCCLEERY	USA	2006
	33.75	PETER ANDERSEN	USA	1999	2:32.96	TIMOTHY GARTON	USA	1998	10:24.91	D.UJTENBOGAART	NED	2007
	33.82	STUART ELLICOTT	AUS	2007	2:33.23	JIM CLEMMONS	USA	2005	10:26.97	FABRIZIO MOMONI	ITA	2001
	33.94	TONY CAWOOD	RSA	2007	2:33.27	LONNY HARRISON	USA	2003	10:29.35	TOM LANDIS	USA	2002
	34.20	JOHN KORTHEUER	USA	1988	400 M.	I.M.			10:29.40	DRURY GALLAGHER	USA	1999
	34.28	YOSHIHIKO OSAKI	JPN	1996	5:17.10	JIM MC CONICA	USA	2005	10:29.47	EDWARD CAZALET	USA	2002
	100 M.	BRST		5:26.63	JOHN CALVERT	USA	2000	10:30.69	CHRIS DUNN	GBR	2007	
1:14.67	TIM SHEAD	RSA	2007	5:27.57	RONALD ARMSTRONG	CAN	2006	1500 M.	FREE			
1:14.80	ROBERT STRAND	USA	2001	5:30.81	JIM CLEMMONS	USA	2005	19:25.68	SANDY GALLETLY	GBR	2002	
1:15.81	DONALD MCKENZIE	USA	2002	5:32.64	ALEX SHESTAKOV	USA	2006	19:26.67	DUNCAN MCCREADIE	GBR	2005	
1:17.08	ALLEN STARK	USA	2006	5:35.26	TIM SHEAD	RSA	2007	19:40.20	VITTORIO ERMIRIO	ITA	2002	
1:17.16	JIM CLEMMONS	USA	2005	5:36.39	WILLIAM GONZALEZ	USA	1997	20:04.60	D.UJTENBOGAART	NED	2007	
1:17.18	BOB HATHERLY	RSA	2007	5:36.72	TAKEO HIRAMOTO	JPN	2006	20:04.73	GRAHAM JOHNSTON	USA	1995	
								20:07.99	EDWARD CAZALET	USA	2002	



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20:08.24	VICTOR PAUL	AUS	2007	3:00.54	DAVID GILDEA	USA	2004	28.51	PETER BERGENGREN	SWE	2003
20:20.40	FABRIZIO MOMONI	ITA	2001	3:01.15	PETER ANDERSEN	USA	2003	28.58	TOSHIHIRO HAYASHI	JPN	2002
20:26.33	TOM LANDIS	USA	2005	50 M.	FLY			28.61	DIETER SEIFERT	GER	2004
20:28.49	BILL DARBY	USA	2007	27.92	RICHARD ABRAHAMS	USA	2005	28.69	LUIZ FIGUEIREDO	BRA	2006
50 M.	BACK			28.79	JOEL BURNS	USA	2007	100 M.	FREE		
31.46	HUGH WILDER	USA	2007	28.97	JIM DRAGON	USA	2006	1:02.76	TOM LANDIS	USA	2007
32.11	RICHARD BURNS	USA	2003	29.22	JOSEP CLARET	ESP	2004	1:02.79	JEFF FARRELL	USA	2002
32.66	TIM BIRNIE	USA	2006	29.23	KEEFE LODWIG	USA	2003	1:02.93	CAV CAVANAUGH	USA	2001
32.76	J.LESTIDEAU	FRA	2006	29.35	JAMES DE LACY	USA	2006	1:03.39	ROBERTO ALBERICHE	ESP	1996
33.00	JOZEF CSIKANY	HUN	2005	29.69	HUGH WILDER	USA	2007	1:03.44	VINUS VAN BAALEN	USA	2007
33.01	ROBERT SMITH	USA	2003	29.82	CHITOSHI KONISHI	JPN	2000	1:04.47	MASATO YOSHINO	JPN	2004
33.13	YOSHI OYAKAWA	USA	1994	29.83	C MUTER	USA	2002	1:04.54	PETER BERGENGREN	SWE	2003
33.18	JACK GEOGEGAN	USA	2002	29.84	ALEXANDER KRYUKOV	RUS	2006	1:04.58	IAN SMITH	CAN	2007
33.65	RICHARD ALEXANDER	USA	2004	100 M.	FLY			1:04.62	JERRY CLARK	USA	2002
33.68	JOHN SMITH	USA	1998	1:03.03	RICHARD ABRAHAMS	USA	2005	1:05.09	GRAHAM JOHNSTON	USA	1997
100 M.	BACK			1:06.63	ROBERT POILETMAN	USA	2003	1:05.09	RONALD JOHNSON	USA	1999
1:08.77	HUGH WILDER	USA	2007	1:07.58	JOEL BURNS	USA	2007	200 M.	FREE		
1:11.89	RICHARD BURNS	USA	2006	1:08.04	J.LESTIDEAU	FRA	2007	2:18.54	TOM LANDIS	USA	2007
1:12.62	JOZSEF CSIKANY	HUN	2006	1:08.42	JOSEP CLARET	ESP	2005	2:21.74	ROBERTO ALBERICHE	ESP	1996
1:12.90	TIM BIRNIE	USA	2006	1:09.11	JAMES DE LACY	USA	2006	2:22.18	GRAHAM JOHNSTON	USA	1996
1:14.23	J.LESTIDEAU	FRA	2006	1:09.67	BORIS RUZHITSKIY	RUS	2007	2:22.90	JEFF FARRELL	USA	2002
1:14.38	BARRY YOUNG	NZL	2002	1:09.80	KOJI IWAMOTO	JPN	2003	2:23.84	CAV CAVANAUGH	USA	2001
1:14.72	YOSHI OYAKAWA	USA	1994	1:10.64	DEREK PARR	GBR	2004	2:24.45	FABRIZIO MOMONI	ITA	2003
1:14.75	ALEXANDER KRYUKOV	RUS	2006	1:10.85	CHITOSHI KONISHI	JPN	2000	2:26.63	MASATO YOSHINO	JPN	2004
1:15.36	WOLFRAM HAENSEL	GER	2006	200 M.	FLY			2:27.18	RAYMOND STOKES	GBR	2004
1:15.59	EDWARD CAZALET	USA	2002	2:33.72	ROBERT POILETMAN	USA	2003	2:27.51	DAVID HARRISON	USA	2003
200 M.	BACK			2:42.10	J.LESTIDEAU	FRA	2007	2:28.12	JERRY CLARK	USA	2002
2:39.01	JOHN CALVERT	USA	2006	2:45.28	KOJI IWAMOTO	JPN	2002	400 M.	FREE		
2:39.50	BARRY YOUNG	NZL	2002	2:46.06	DEREK PARR	GBR	2006	5:00.26	TOM LANDIS	USA	2007
2:41.27	RICHARD BURNS	USA	2006	2:47.56	GABOR CSABA	HUN	2007	5:01.81	FABRIZIO MOMONI	ITA	2003
2:41.51	EDWARD CAZALET	USA	2003	2:47.94	DOUGLAS MILLER	USA	2007	5:03.36	GRAHAM JOHNSTON	USA	1996
2:41.60	HUGH WILDER	USA	2007	2:49.77	JOACHIM HINTZE	GER	2003	5:07.62	ROBERTO ALBERICHE	ESP	1996
2:41.87	TIM BIRNIE	USA	2006	2:51.43	BARRY YOUNG	NZL	2002	5:15.39	RAYMOND STOKES	GBR	2004
2:43.29	JOZSEF CSIKANY	HUN	2006	2:52.73	GUNTER SCHOPKE	GER	2000	5:17.62	DAVID HARRISON	USA	2003
2:44.80	DONALD MCINTOSH	USA	2004	2:53.03	VICTOR PAUL	AUS	2006	5:20.20	DICK STEWART	USA	2006
2:45.78	LUCIEN GAUCHE	FRA	2002	200 M.	I.M.			5:21.37	WERNER SCHNABEL	GER	2001
2:45.93	DON BROWN	USA	1993	2:36.07	JOHN CALVERT	USA	2006	5:21.75	JOHN CRISP	AUS	2004
50 M.	BRST			2:39.38	J.LESTIDEAU	FRA	2007	5:23.97	MASATO YOSHINO	JPN	2005
34.04	ROBERT STRAND	USA	2006	2:40.00	DUNCAN MCCREADIE	GBR	2005	800 M.	FREE		
34.42	PETER ANDERSEN	USA	2003	2:40.63	ROBERT STRAND	USA	2006	10:25.94	TOM LANDIS	USA	2007
34.59	AKIO SUGIYAMA	JPN	1995	2:40.95	EDWARD CAZALET	USA	2003	10:26.60	FABRIZIO MOMONI	ITA	2003
34.68	HIROSHI KOTEGAWA	JPN	1995	2:41.47	GERSHON SHEFA	ISR	2006	10:29.26	GRAHAM JOHNSTON	USA	1997
34.70	JOZEF KLUKOWSKI	POL	2006	2:41.71	DRURY GALLAGHER	USA	1999	10:50.84	DAVID HARRISON	USA	2002
35.03	YOSHIHIKO OSAKI	JPN	2000	2:42.09	WILLIAM MUTER	USA	2004	11:06.06	RAYMOND STOKES	GBR	2004
35.15	DIETER HOFEL	GER	2005	2:42.36	JURGEN ALTENHOFEN	GER	2004	11:15.34	GAYLORD HOPKINS	USA	2006
35.16	KENNETH FROST	USA	2006	2:42.58	GABOR CSABA	HUN	2007	11:15.47	JOHN CRISP	AUS	2004
35.26	ALBERT KOSTITSYN	FIN	2002	400 M.	I.M.			11:15.77	ERNIE LESKOVITZ	USA	2004
35.28	DIETER HOEFEL	GER	2006	5:40.42	J.LESTIDEAU	FRA	2007	11:21.66	WALLIE JEFFRIES	USA	1996
100 M.	BRST			5:41.07	JOHN CALVERT	USA	2006	11:22.69	NIC GEERS	NED	2003
1:16.38	ROBERT STRAND	USA	2006	5:46.05	DUNCAN MCCREADIE	GBR	2005	1500 M.	FREE		
1:17.50	KENNETH FROST	USA	2007	5:46.59	GIAMPIERO FOSSATI	ITA	2004	20:08.74	FABRIZIO MOMONI	ITA	2004
1:18.28	ALBERT KOSTITSYN	FIN	2002	5:47.21	GERSHON SHEFA	ISR	2006	20:16.54	GRAHAM JOHNSTON	USA	1996
1:18.30	GERSHON SHEFA	ISR	2007	5:49.43	EDWARD CAZALET	USA	2002	21:00.77	DAVID HARRISON	USA	2003
1:18.63	PETER ANDERSEN	USA	2003	5:50.40	BARRY YOUNG	NZL	2002	21:12.01	RAYMOND STOKES	GBR	2004
1:19.82	DRURY GALLAGHER	USA	1999	5:52.75	JURGEN ALTENHOFEN	GER	2004	21:38.90	JOHN CRISP	AUS	2004
1:20.53	DAVID GILDEA	USA	2003	5:53.93	SANDY GALLETLY	GBR	2002	21:46.68	WERNER SCHNABEL	GER	2001
1:20.56	THOMAS WALKER	GBR	1996	5:57.67	DOUGLAS MILLER	USA	2007	21:49.12	ERNIE LESKOVITZ	USA	2004
1:20.82	DIETER HOEFEL	GER	2006	*****	*****			21:51.84	DAVID RADCLIFF	USA	2002
1:20.98	JOZEF KLUKOWSKI	POL	2007	*****	*****			21:54.85	GAYLORD HOPKINS	USA	2006
200 M.	BRST			*****	*****			21:59.53	FRANK WILLIAMS	USA	2005
2:51.93	ROBERT STRAND	USA	2006	*****	*****			50 M.	BACK		
2:55.26	GERSHON SHEFA	ISR	2004	50 M.	FREE			33.54	YOSHI OYAKAWA	USA	1999
2:55.49	KENNETH FROST	USA	2006	27.15	JEFF FARRELL	USA	2002	33.58	VINUS VAN BAALEN	USA	2007
2:58.37	THOMAS WALKER	GBR	1996	27.31	VINUS VAN BAALEN	USA	2007	33.90	BERND HORSTMANN	GER	2007
2:58.78	DRURY GALLAGHER	USA	1999	27.90	IAN SMITH	CAN	2007	34.07	LUIZ FIGUEIREDO	BRA	2007
2:58.92	MICHAEL MOLONEY	AUS	2002	28.04	RONALD JOHNSON	USA	1998	34.69	FRANS VAN ENST	NED	2005
2:58.94	JURGEN ALTENHOFEN	GER	2004	28.21	BOB BAILIE	USA	2001	34.70	MIKLOS KOVATS	HUN	2006
3:00.35	ALBERT KOSTITSYN	FIN	2002	28.29	CAV CAVANAUGH	USA	2001	34.90	HIROSHI NONAKA	JPN	2007



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34.96	MASAO KIJIMA	JPN	2006	31.67	MIKE FRESHLEY	USA	2007	1:08.55	SHINGO YAMAMOTO	JPN	2002
35.13	S.SEKIKAWA	JPN	1998	100 M.	FLY			1:08.57	BURWELL JONES	USA	2003
35.16	JEFF FARRELL	USA	2002	1:12.78	BARRY YOUNG	NZL	2004	1:09.00	JERRY CLARK	USA	2007
100 M.	BACK			1:12.93	TOMOYASU IIDA	JPN	2006	200 M.	FREE		
1:14.75	BERND HORSTMANN	GER	2007	1:13.19	AKIRA TAKAKURA	JPN	2006	2:27.27	DAVID RADCLIFF	USA	2006
1:15.69	LUIZ FIGUEIREDO	BRA	2006	1:13.70	CHITOSHI KONISHI	JPN	2005	2:28.37	CAV CAVANAUGH	USA	2005
1:16.78	YOSHI OYAKAWA	USA	1999	1:14.07	KOJI IWAMOTO	JPN	2007	2:29.45	GRAHAM JOHNSTON	USA	2001
1:17.23	BARRY YOUNG	NZL	2006	1:15.42	DICK STEWART	USA	2005	2:32.48	DAVID HARRISON	USA	2007
1:17.36	MIKLOS KOVATS	HUN	2005	1:15.69	RONALD JOHNSON	MEX	1999	2:32.49	JOHN CRISP	AUS	2005
1:18.05	VINUS VAN BAALEN	USA	2007	1:15.87	GUNTER SCHOPKE	GER	2005	2:32.94	WERNER SCHNABEL	GER	2006
1:18.41	TEGZE HARASZTI	USA	2006	1:16.28	S.HASEGAWA	JPN	2006	2:33.16	BURWELL JONES	USA	2005
1:18.71	S.SEKIKAWA	JPN	1998	1:16.72	RICHARD KITCHELL	USA	2006	2:35.36	JERRY CLARK	USA	2007
1:19.35	JOHN SMITH	USA	2003	200 M.	FLY			2:36.33	DON HILL	USA	2002
1:20.07	GUNTER SCHOPKE	GER	2005	2:56.00	GUNTER SCHOPKE	GER	2005	2:37.00	WILLIAM PHILLIPS	USA	1998
200 M.	BACK			2:57.05	RICHARD KITCHELL	USA	2005	400 M.	FREE		
2:41.82	BERND HORSTMANN	GER	2007	3:01.69	KOJI IWAMOTO	JPN	2007	5:12.05	GRAHAM JOHNSTON	USA	2001
2:50.44	MIKLOS KOVATS	HUN	2005	3:01.71	TAISUKE MIYAZAKI	JPN	2004	5:18.48	DAVID RADCLIFF	USA	2006
2:51.11	RICHARD TODD	USA	2007	3:03.05	DAVID MCLACHLAN	RSA	2002	5:24.85	JOHN CRISP	AUS	2006
2:51.19	S.SEKIKAWA	JPN	1998	3:05.49	DAVID CUMMING	GBR	2003	5:25.70	WERNER SCHNABEL	GER	2006
2:52.34	LUIZ FIGUEIREDO	BRA	2006	3:05.89	LUIS R. SIMI	BRA	2002	5:28.64	BURWELL JONES	USA	2005
2:53.42	BOB BARRY	AUS	1996	3:08.79	JOSEPH KURTZMAN	USA	1991	5:29.24	CAV CAVANAUGH	USA	2005
2:54.10	TEGZE HARASZTI	USA	2006	3:10.61	CHARLES MOSS	USA	1994	5:31.53	DAVID HARRISON	USA	2007
2:55.46	ROGER FRANKS	USA	1992	3:11.12	WILLIAM LETCH	GBR	2006	5:40.18	ERNIE LESKOVITZ	USA	2006
2:56.23	IMRE NYEKI	HUN	1994	200 M.	I.M.			5:40.41	WILLIAM PHILLIPS	USA	1998
2:56.36	DONALD BROWN	USA	1998	2:45.17	BARRY YOUNG	NZL	2004	5:41.73	JERRY CLARK	USA	2007
50 M.	BRST			2:48.63	TOM LANDIS	USA	2007	800 M.	FREE		
35.56	YOSHIHIKO OSAKI	JPN	2004	2:49.71	ROBERTO ALBERICHE	ESP	1996	10:45.92	GRAHAM JOHNSTON	USA	2002
36.35	HIROSHI KOTEGAWA	JPN	2001	2:50.18	RONALD JOHNSON	USA	1998	10:49.02	DAVID RADCLIFF	USA	2006
36.42	MANUEL SANGUILY	USA	1998	2:51.09	GRAHAM JOHNSTON	USA	1997	11:19.41	JOHN CRISP	AUS	2005
36.54	ALBERT KOSTITSYN	FIN	2007	2:51.18	JEFF FARRELL	USA	2002	11:19.55	BURWELL JONES	USA	2005
36.75	RONALD JOHNSON	USA	1998	2:51.74	MIKE FRESHLEY	USA	2007	11:25.71	ERNIE LESKOVITZ	USA	2006
36.90	ROLF TUTEPASTELL	GER	2001	2:52.65	TEGZE HARASZTI	USA	2006	11:33.11	WERNER SCHNABEL	GER	2006
37.16	STANLEY CLARKE	GBR	2003	2:52.86	KOJI IWAMOTO	JPN	2007	11:35.33	DAVID HARRISON	USA	2007
37.32	JOHN KORTHEUER	USA	1997	2:53.19	MURRAY MC LACHLAN	USA	2006	11:57.10	JERRY CLARK	USA	2007
37.36	EGON HENNINGER	GER	2005	400 M.	I.M.			11:59.59	WALLIE JEFFRIES	USA	2002
37.38	NICK TEMPLEMAN	CAN	1996	5:52.79	BARRY YOUNG	NZL	2004	11:59.82	IKURO SHIMONO	JPN	2007
100 M.	BRST			6:03.31	TOM LANDIS	USA	2007	1500 M.	FREE		
1:22.89	ALBERT KOSTITSYN	FIN	2007	6:05.15	ROBERTO ALBERICHE	ESP	1996	20:36.56	GRAHAM JOHNSTON	USA	2001
1:23.88	THOMAS WALKER	GBR	2002	6:08.44	GRAHAM JOHNSTON	USA	1996	21:49.74	WERNER SCHNABEL	GER	2006
1:23.89	YOSHIAKI AOKI	JPN	2005	6:11.78	MIKE FRESHLEY	USA	2006	21:53.77	BURWELL JONES	USA	2005
1:24.07	TONY GOODWIN	AUS	2002	6:19.25	MASAO KIJIMA	JPN	2006	21:54.29	DAVID RADCLIFF	USA	2005
1:24.08	BELA FABIAN	HUN	2002	6:20.74	TEGZE HARASZTI	USA	2006	22:01.12	JOHN CRISP	AUS	2005
1:24.16	MANUEL SANGUILY	USA	1998	6:24.39	DAVID MCLACHLAN	RSA	2002	22:44.64	ERNIE LESKOVITZ	USA	2006
1:24.79	BOB PATTEN	USA	1999	6:25.02	CHARLES MOSS	USA	1993	22:47.77	GEORGE BRUNSTAD	USA	2004
1:24.96	RICHARD TODD	USA	2007	6:26.16	MURRAY MC LACHLAN	USA	2006	22:53.43	GERHARD HOLE	GER	2005
1:24.99	RAINER OPITZ	GER	2007	*****	*****			22:59.14	ROGER FRANKS	USA	1998
1:25.29	EGON HENNINGER	GER	2005	*****	*****			23:03.23	FRANK PIEMME	USA	1995
200 M.	BRST			*****	*****			50 M.	BACK		
3:02.13	MICHAEL MOLONEY	AUS	2004	*****	*****			35.31	YOSHI OYAKAWA	USA	2003
3:03.47	RICHARD TODD	USA	2007	50 M.	FREE			35.83	S.SEKIKAWA	JPN	2003
3:04.10	YOSHIAKI AOKI	JPN	2005	28.46	WOLFRAM GOTTFRIED	GER	2004	37.10	PAUL HUTINGER	USA	1995
3:06.08	THOMAS WALKER	GBR	2002	28.53	JEFF FARRELL	USA	2007	37.12	KEIJIRO NAKAMURA	JPN	1995
3:07.92	MIKE FRESHLEY	USA	2006	28.65	CAV CAVANAUGH	USA	2005	37.13	BURWELL JONES	USA	2003
3:09.55	HANS REICHEL	GER	2003	28.66	RONALD JOHNSON	USA	2001	37.21	RONALD JOHNSON	USA	2001
3:09.75	TONY GOODWIN	AUS	2002	28.94	B.SCHLURIKE	GER	1991	37.48	CLIFF WARD	GBR	2002
3:10.23	RONALD JOHNSON	USA	1998	29.43	DONALD HILL	USA	2002	37.49	RAY TAFT	USA	1989
3:10.76	CHRISTIAN THIESS	AUS	2005	29.44	H.TAKAHASHI	JPN	2007	37.68	RUDOLF SCHWIND	GER	2007
3:11.26	RAINER OPITZ	GER	2007	29.68	SHINGO YAMAMOTO	JPN	2002	37.88	CLARKE MITCHELL	USA	2002
50 M.	FLY			29.90	BOB BAILIE	USA	2005	100 M.	BACK		
30.33	TOMOYASU IIDA	JPN	2006	29.92	CHUCK BALDWIN	USA	2000	1:19.12	YOSHI OYAKAWA	USA	2004
30.81	RONALD JOHNSON	USA	1998	100 M.	FREE			1:19.14	BURWELL JONES	USA	2003
31.02	IAN SMITH	CAN	2007	1:05.40	CAV CAVANAUGH	USA	2005	1:20.93	S.SEKIKAWA	JPN	2003
31.04	CAPPY SHEELEY	USA	2007	1:05.81	WOLFRAM GOTTFRIED	GER	2002	1:23.83	MAMPEI SEINO	JPN	2002
31.08	GEORGES KOESSLER	FRA	2006	1:06.18	RONALD JOHNSON	USA	2001	1:24.05	MARTY MENNEN	USA	2007
31.12	AKIRA TAKAKURA	JPN	2006	1:06.47	DAVID RADCLIFF	USA	2005	1:24.14	PAUL HUTINGER	USA	1995
31.15	BOB BAILIE	USA	2001	1:07.36	GRAHAM JOHNSTON	USA	2001	1:24.49	ROGER FRANKS	USA	1997
31.41	BERT PETERSEN	USA	2003	1:08.27	CHUCK BALDWIN	USA	2000	1:24.55	CLARKE MITCHELL	USA	2006
31.62	HIROSHI MATSUMOTO	JPN	2001	1:08.31	DONALD HILL	USA	2002	1:24.84	KEIJIROU NAKAMURA	JPN	1994



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1:25.24 RUDI SCHWIND 200 M. BACK	GER 2002	3:16.06 WERNER MULLER	GER 2003	2:53.87 JOHN MILLS	AUS 2002
2:55.19 BURWELL JONES	USA 2005	3:16.61 TAKASHI HAYASHI	JPN 2004	400 M. FREE	
2:58.62 S.SEKIKAWA	JPN 2003	3:20.53 DAVE MCLACHIAN	RSA 2007	5:32.06 GRAHAM JOHNSTON	USA 2006
2:58.88 MARTY MENNEN	USA 2006	3:20.84 RONALD JOHNSON	USA 2001	5:54.36 HIROSHI YOSHIMURA	JPN 2004
3:01.26 YOSHI OYAKAWA	USA 2003	3:21.60 LUIS SIMI	BRA 2007	5:58.05 IGOR BROVIN	RUS 2007
3:04.17 MAMPEI SEINO	JPN 2003	3:21.84 SEYMOUR BANNING	GBR 2003	6:09.64 BOB BARRY	AUS 2006
3:04.30 BOB BARRY	AUS 2002	3:22.01 VALENTIN WEBER	GER 1997	6:11.51 ARAM BOGHOSSIAN	BRA 2004
3:04.42 ROGER FRANKS	USA 1997	3:23.07 CLAUDIO NEGRI	ITA 2006	6:13.05 ROGER FRANKS	USA 2002
3:05.24 TOM WALKER	GBR 2003	3:25.16 SILVANO DANIELI	ITA 1997	6:13.41 DAVID LAWLER	AUS 2004
3:07.59 GERHARD HOLE	GER 2005	3:26.05 JOSEPH KURTZMAN	USA 1996	6:13.91 FRANK PIEMME	USA 2002
3:10.07 KEIJIRO NAKAMURA	JPN 1995	200 M. I.M.		6:14.08 DAVE ANDERSON	USA 2007
50 M. BRST		2:58.06 BURWELL JONES	USA 2003	6:17.36 DOMEI SUZUKI	JPN 1996
37.93 AKIO SUGIYAMA	JPN 2004	2:59.90 RONALD JOHNSON	USA 2001	800 M. FREE	
37.96 CHARLES BALDWIN	USA 2000	3:01.56 GRAHAM JOHNSTON	USA 2002	11:25.95 GRAHAM JOHNSTON	USA 2006
37.98 JOHN KORTHEUER	USA 2001	3:01.60 JOHN CRISP	AUS 2005	12:27.60 IGOR BROVIN	RUS 2007
38.28 HIROFUMI HOSOTANI	JPN 2005	3:05.31 IKURO SHIMONO	JPN 2007	12:33.78 HIROSHI YOSHIMURA	JPN 2006
38.29 MANUEL SANGUILY	USA 2003	3:06.35 GERHARD HOLE	GER 2005	12:46.62 ROGER FRANKS	USA 2002
38.49 RINALDO FERREIRA	BRA 2007	3:06.43 JESUS DOMINGUEZ	ESP 1996	12:52.31 FRANK PIEMME	USA 2000
38.57 PETER BELL	CAN 2005	3:07.34 BELA FABIAN	HUN 2007	12:53.11 DAVID LAWLER	AUS 2004
38.68 HANS REICHEL	GER 2006	3:07.92 WERNER MULLER	GER 2003	12:56.97 BOB MILLER	USA 2006
38.76 TONY GOODWIN	AUS 2007	3:08.99 FRANK PIEMME	USA 1996	12:58.14 RAYMOND TAFT	USA 1995
38.92 MIKHAIL FARAFONOV	RUS 2007	400 M. I.M.		12:58.84 DOMEI SUZUKI	JPN 1995
100 M. BRST		6:32.11 BURWELL JONES	USA 2003	13:00.53 DAVE ANDERSON	USA 2006
1:25.53 TONY GOODWIN	AUS 2007	6:34.43 GRAHAM JOHNSTON	USA 2001	1500 M. FREE	
1:26.41 TETSUO NAKAMARU	JPN 2005	6:47.83 JOHN CRISP	AUS 2005	23:02.25 GRAHAM JOHNSTON	USA 2006
1:26.70 THOMAS WALKER	GBR 2005	6:52.07 FRANK PIEMME	USA 1995	23:34.20 HIROSHI YOSHIMURA	JPN 2005
1:26.90 HANS REICHEL	GER 2007	6:53.78 ANRI VESHCHAGIN	RUS 2006	24:34.77 ROGER FRANKS	USA 2002
1:27.70 CLAUDIO NEGRI	ITA 2006	6:55.30 THOMAS WALKER	GBR 2005	24:49.56 FRANK PIEMME	USA 2000
1:27.97 BELA FABIAN	HUN 2007	6:55.41 CLAUDIO NEGRI	ITA 2006	24:51.78 DOMEI SUZUKI	JPN 1995
1:28.27 PETER BELL	CAN 2005	6:56.35 VALENTIN WEBER	GER 1997	24:53.76 RAYMOND TAFT	USA 1995
1:29.19 WERNER MULLER	GER 2003	6:57.96 DIETER LOELIGER	AUS 2004	25:11.74 THOMAS TAYLOR	USA 2007
1:29.47 JOHN KORTHEUER	USA 2001	6:58.47 HERB KERN	USA 2002	25:27.88 MAURICE LUSIEN	FRA 2002
1:29.51 BOB PATTEN	USA 2004	*****		25:28.59 KATSURA SUZUKI	JPN 2007
200 M. BRST		M E N 75-79		25:41.55 HERBERT HOWE	USA 1987
3:11.67 CLAUDIO NEGRI	ITA 2006	*****		50 M. BACK	
3:11.90 TONY GOODWIN	AUS 2007	50 M. FREE		37.51 KEIJIRO NAKAMURA	JPN 1998
3:14.41 HANS REICHEL	GER 2007	31.05 SHINGO YAMAMOTO	JPN 2006	38.08 CLARKE MITCHELL	USA 2007
3:14.76 THOMAS WALKER	GBR 2006	31.14 ALDO EMINENTE	FRA 2006	39.24 PAUL HUTINGER	USA 2000
3:18.11 PETER BELL	CAN 2005	31.19 FRANK PIEMME	USA 2000	39.48 MAMPEI SEINO	JPN 2007
3:18.20 BOB PATTEN	USA 2004	31.45 WOLFRAM GOTTFRIED	GER 2007	39.49 RAY TAFT	USA 1994
3:19.82 TSUTOMU KAJIHARA	JPN 2003	32.04 MAX VAN GELDER	AUS 2005	39.61 CHARLES BALDWIN	USA 2005
3:20.55 TETSUO NAKAMARU	JPN 2005	32.07 KEIJIRO NAKAMURA	JPN 1998	40.42 SHOICHI SHIDA	JPN 2003
3:20.72 CLAUDE SIBBILLE	FRA 2005	32.28 SHOICHI SHIDA	JPN 2001	40.58 HORACE KNOWLTON	USA 2004
3:22.03 BELA FABIAN	HUN 2007	32.33 HIDEAKI KATO	JPN 1996	40.70 CLIFF WARD	GBR 2006
50 M. FLY		32.47 C. BRUNELLESCHI	ITA 1998	40.72 MINORU UEMURA	JPN 2006
31.49 HIROSHI MATSUMOTO	JPN 2007	32.52 JOHN MILLS	AUS 2002	100 M. BACK	
32.11 RONALD JOHNSON	USA 2001	100 M. FREE		1:26.00 CLARKE MITCHELL	USA 2007
32.90 BOB BAILIE	USA 2005	1:10.38 GRAHAM JOHNSTON	USA 2006	1:26.00 KEIJIRO NAKAMURA	JPN 1998
33.61 J. LOUIS LE DALL	FRA 2003	1:11.40 SHINGO YAMAMOTO	JPN 2006	1:27.24 MAMPEI SEINO	JPN 2007
33.79 FRANK PIEMME	USA 1996	1:13.84 RAYMOND TAFT	USA 1995	1:29.47 ROGER FRANKS	USA 2002
33.91 CHUCK BALDWIN	USA 2000	1:14.00 SHOICHI SHIDA	JPN 2001	1:29.52 RAYMOND TAFT	USA 1995
34.19 DAVID COSTILL	USA 2007	1:14.24 FRANK PIEMME	USA 2001	1:29.93 PAUL HUTINGER	USA 2000
34.59 JENO ATS	CAN 2006	1:14.82 ALDO EMINENTE	FRA 2006	1:31.27 HORACE KNOWLTON	USA 2004
34.63 WOLFGANG SIEBER	GER 2007	1:14.86 KELLEY LEMMON	USA 1987	1:31.50 DUANE DRAVES	USA 2001
34.65 WOLFRAM GOTTFRIED	GER 2002	1:14.94 MAX VAN GELDER	AUS 2005	1:31.93 H. MIYAZAKI	JPN 1995
100 M. FLY		1:15.11 HIDEAKI KATO	JPN 1996	1:32.36 SHOICHI SAKAMOTO	JPN 1996
1:19.44 WOLFRAM GOTTFRIED	GER 2002	1:15.19 ROD BAKER	AUS 2003	200 M. BACK	
1:21.64 RONALD JOHNSON	USA 2001	200 M. FREE		3:10.25 ROGER FRANKS	USA 2002
1:22.45 TAKASHI HAYASHI	JPN 2005	2:36.30 GRAHAM JOHNSTON	USA 2006	3:10.64 KEIJIRO NAKAMURA	JPN 1998
1:22.55 WERNER MULLER	GER 2003	2:46.28 HIROSHI YOSHIMURA	JPN 2003	3:14.55 MAMPEI SEINO	JPN 2007
1:23.69 ERNIE LESKOVITZ	USA 2006	2:47.90 IGOR BROVIN	RUS 2007	3:15.00 RAY TAFT	USA 1995
1:23.69 SEYMOUR BANNING	GBR 2003	2:49.91 FUMIO EGAMI	JPN 2005	3:17.54 BOB MILLER	USA 2006
1:24.84 JOSEPH KURTZMAN	USA 1996	2:50.01 FRANK PIEMME	USA 2000	3:20.04 CLARKE MITCHELL	USA 2007
1:25.93 JESUS DOMINGUEZ	ESP 1996	2:50.25 DAVE ANDERSON	USA 2006	3:21.34 ROGER BURRELL	GBR 2006
1:26.39 ANTONIO SOUZA	BRA 2004	2:51.62 RAYMOND TAFT	USA 1995	3:22.94 PAUL HUTINGER	USA 2000
1:26.93 WILLIAM LAUER	USA 2004	2:52.50 BOB BARRY	AUS 2006	3:23.38 BOB BARRY	AUS 2006
200 M. FLY		2:53.73 KELLEY LEMMON	USA 1987	3:24.99 DUANE DRAVES	USA 2001



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40.38	TOSHIO TAJIMA	JPN	2000	3:20.61	KARL HAUTER	GER	2000	13:50.05	NORBERT ARTUS	CAN	1994
40.82	JOHN KORTHEUER	USA	2006	3:24.38	RAY TAFT	USA	1995	14:06.39	KARL HAUTER	GER	2006
41.22	E.ORLANDO	ARG	2000	3:24.40	JAN ZIEGLER	CZE	2001	14:07.10	JAN ZIEGLER	CZE	2005
41.52	SHUNSAKU TAKAHIRA	JPN	2007	3:25.60	BOB BARRY	AUS	2006	14:12.89	FRANK PIEMME	USA	2005
41.69	CHARLES URSTADT	USA	2003	3:25.68	BOB BEST	USA	2007	14:14.53	KEVIN VICKERY	AUS	2003
41.71	ROBERT PFERSDORFF	GER	1999	3:25.79	MASAYASU KAMIYA	JPN	2007	14:19.22	RAYMOND TAFT	USA	1999
42.03	HORST FRITSCHKE	GER	2004	3:26.15	ASHLEY JONES	USA	2006	14:19.89	JURGEN SCHMIDT	USA	2005
42.12	GERHARD GIERA	GER	2003	3:26.54	DUANE DRAVES	USA	2001	14:20.95	HIROSHI IMAIZUMI	JPN	2005
42.18	WALTER MINNICH	GER	1994	400 M.	I. M.			14:36.05	DOMEI SUZUKI	JPN	2000
42.26	ZENJI NAKAHARI	JPN	2003	7:08.74	GRAHAM JOHNSTON	USA	2007	14:40.20	D.CASOLINO	ITA	2007
100 M.	BRST			7:18.01	KARL HAUTER	GER	2001	1500 M.	FREE		
1:32.06	SHUNSAKU TAKAHIRA	JPN	2007	7:21.75	RAYMOND TAFT	USA	1995	26:52.76	FRANK PIEMME	USA	2005
1:34.93	JOHN KORTHEUER	USA	2006	7:22.82	BOB BEST	USA	2007	26:52.93	RAYMOND TAFT	USA	1999
1:35.55	ROBERT MACDONALD	USA	2004	7:25.65	JAN ZIEGLER	CZE	2000	27:09.47	HIROSHI IMAIZUMI	JPN	2005
1:35.70	ROBERT PFERSDORFF	GER	1999	7:28.11	ASHLEY JONES	USA	2006	27:14.31	JURGEN SCHMIDT	USA	2003
1:36.35	GERHARD GIERA	GER	2003	7:32.92	ALDO DA ROSA	USA	1994	27:14.65	KARL HAUTER	GER	2006
1:36.58	KARL HAUTER	GER	2003	7:33.32	ANTON M. CERER	USA	1992	27:22.43	JAN ZIEGLER	CZE	2006
1:37.91	AUGUSTO ROMANO	ITA	1994	7:33.49	FRANK PIEMME	USA	2001	28:09.66	HORST FRITSCHKE	GER	2006
1:38.11	BARTON GREENBERG	USA	1999	7:37.91	LELAND ARTH	USA	2000	28:13.09	ALDO DA ROSA	USA	1998
1:38.21	ASHLEY JONES	USA	2006					28:24.37	HIDEAKI KATO	JPN	2001
1:38.62	E.ORLANDO	ARG	2000	*****				28:43.45	SHIGEMASA OKAJIMA	JPN	2001
200 M.	BRST				M E N 80-84			50 M.	BACK		
3:28.51	SHUNSAKU TAKAHIRA	JPN	2007	*****				38.41	KEIJIRO NAKAMURA	JPN	2003
3:32.60	ROBERT MACDONALD	USA	2004	50 M.	FREE			40.71	SHOICHI SAKOMOTO	JPN	1998
3:33.08	KARL HAUTER	GER	2000	32.73	B.SCHLURIKE	GER	2002	41.40	PAUL HUTINGER	USA	2004
3:34.86	AUGUSTO ROMANO	ITA	1994	33.09	FRANK PIEMME	USA	2005	42.49	RAYMOND TAFT	USA	1999
3:37.64	ASHLEY JONES	USA	2006	33.12	KEIJIRO NAKAMURA	JPN	2004	42.71	MASAKI INABA	JPN	2006
3:38.41	IWAO NARUSE	JPN	2007	33.88	WOODY BOWERSOCK	USA	1993	42.72	SHOICHI SHIDA	JPN	2007
3:38.76	ERICH NEUMANN	GER	2005	34.03	SHOICHI SAKOMOTO	JPN	1998	42.96	GORO KOBAYASHI	JPN	1998
3:39.68	ESKO SALONEN	FIN	2001	34.11	SADAYUKI WAKAI	JPN	2003	43.10	DALE WEBSTER	USA	2006
3:40.00	FRANK PIEMME	USA	2000	34.23	MAX VAN GELDER	NED	2004	43.15	TOSHIJI SATO	JPN	1995
3:42.85	ALDO DA ROSA	USA	1994	34.24	ROGER HALIMI	FRA	2004	43.34	MAX VAN GELDER	NED	2004
50 M.	FLY			34.39	DALE WEBSTER	USA	2006	100 M.	BACK		
35.66	FRANK PIEMME	USA	2000	34.50	SHOICHI SHIDA	JPN	2007	1:26.97	KEIJIRO NAKAMURA	JPN	2003
36.01	CLARKE MITCHELL	USA	2007	100 M.	FREE			1:35.36	RAYMOND TAFT	USA	1999
36.06	ASHLEY JONES	USA	2006	1:17.11	KEIJIRO NAKAMURA	JPN	2003	1:35.42	PAUL HUTINGER	USA	2004
36.69	MASAYASU KAMIYA	JPN	2007	1:17.85	KELLEY LEMMON	PUR	1993	1:36.95	GORO KOBAYASHI	JPN	1998
37.57	RAYMOND TAFT	USA	1994	1:17.96	SHOICHI SHIDA	JPN	2006	1:38.13	DALE WEBSTER	USA	2006
38.51	CHARLES BALDWIN	USA	2005	1:18.77	FRANK PIEMME	USA	2005	1:38.34	JAN ZIEGLER	CZE	2005
38.61	TOSHIO TAJIMA	JPN	2000	1:19.28	HIKOJI UEKI	JPN	1995	1:38.34	SHOICHI SAKOMOTO	JPN	1998
38.95	ROBERT PFERSDORFF	GER	1999	1:19.97	DALE WEBSTER	USA	2006	1:39.11	TOSHIJI SATO	JPN	1996
39.02	ANDREW HOLDEN	USA	1995	1:20.27	HIDEAKI KATO	JPN	2001	1:39.21	HIKOJI UEKI	JPN	1996
39.13	SUEO YAMAGUCHI	JPN	2004	1:21.12	ANDREW HOLDEN	USA	1999	1:40.79	H.MIYAZAKI	JPN	2000
100 M.	FLY			1:21.86	MAX VAN GELDER	NED	2004	200 M.	BACK		
1:35.24	MASAYASU KAMIYA	JPN	2007	1:22.47	JOHN FLORANCE	USA	2002	3:16.82	KEIJIRO NAKAMURA	JPN	2004
1:35.81	FRANK PIEMME	USA	2000	200 M.	FREE			3:30.76	PAUL HUTINGER	USA	2004
1:37.03	ROBERT PFERSDORFF	GER	1999	3:03.45	HIKOJI UEKI	JPN	1995	3:31.36	RAYMOND TAFT	USA	1999
1:37.59	CLARKE MITCHELL	USA	2007	3:04.65	FRANK PIEMME	USA	2005	3:33.41	JAN ZIEGLER	CZE	2005
1:37.90	HEINZ KRAUSS	GER	2007	3:05.01	KEVIN VICKERY	AUS	2003	3:39.22	ROGER FRANKS	USA	2007
1:37.95	KARL HAUTER	GER	2002	3:07.28	TOSHIO SHIMIZU	JPN	2007	3:40.07	TOSHIJI SATO	JPN	1996
1:38.09	TOSHIMASA MINAMI	JPN	2005	3:07.53	KARL HAUTER	GER	2006	3:41.53	G.SHIMOMOTO	JPN	2006
1:38.28	WINTHROP WILSON	USA	2002	3:09.70	RAYMOND TAFT	USA	1999	3:42.35	GORO KOBAYASHI	JPN	1998
1:38.81	ROBERT MACDONALD	USA	2004	3:09.91	ALDO DA ROSA	USA	1998	3:42.95	EDWARD SHEA	USA	1995
1:39.22	MAURICE LUSIEN	FRA	2002	3:10.31	HIDEAKI KATO	JPN	2001	3:43.67	KARL HAUTER	GER	2006
200 M.	FLY			3:10.82	JIRO KOBAYASHI	JPN	2005	50 M.	BRST		
3:34.30	MAURICE LUSIEN	FRA	2001	3:11.36	JURGEN SCHMIDT	USA	2003	41.68	TOSHIO TAJIMA	JPN	2006
3:35.90	KARL HAUTER	GER	2001	400 M.	FREE			43.62	Y.MIYAMOTO	JPN	1998
3:43.56	ANTON M. CERER	USA	1992	6:36.12	FRANK PIEMME	USA	2005	44.99	HORST FRITSCHKE	GER	2006
3:45.15	THOMAS MAINE	USA	2004	6:39.26	KEVIN VICKERY	AUS	2003	45.38	KARL HAUTER	GER	2005
3:45.86	JAN ZIEGLER	CZE	2001	6:40.63	HIKOJI UEKI	JPN	1995	45.45	MAX VAN GELDER	NED	2004
3:50.24	MINORU NAGASHIMA	JPN	2001	6:42.86	RAYMOND TAFT	USA	1999	45.45	HIROMU YOSHIMOTO	JPN	1995
3:50.95	LEN GOLDSTONE	USA	2004	6:43.99	JAN ZIEGLER	CZE	2006	46.09	BARTON GREENBERG	USA	2004
3:53.34	MANFRED BICKEL	GER	2006	6:46.59	KARL HAUTER	GER	2006	46.32	YOSHINORI KAWABAT	JPN	2005
3:54.18	HEINZ KRAUSS	GER	2007	6:49.80	DOMEI SUZUKI	JPN	2000	46.37	MAX VON ISSER	USA	1999
3:54.53	TOSHIMASA MINAMI	JPN	2005	6:54.60	NORBERT ARTUS	CAN	1994	46.39	WATARU ASAOKA	JPN	2005
200 M.	I. M.			6:56.10	TOSHIO SHIMIZU	JPN	2007	100 M.	BRST		
3:13.53	GRAHAM JOHNSTON	USA	2006	6:56.82	JURGEN SCHMIDT	USA	2005	1:41.02	TOSHIO TAJIMA	JPN	2005
3:18.35	FRANK PIEMME	USA	2000	800 M.	FREE			1:43.16	JAN ZIEGLER	CZE	2005



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1:43.74	AL CRAIG	USA	2007	8:05.14	RAYMOND TAFT	USA	1999	31:17.64	ALDO DA ROSA	USA	2002	
1:45.24	Y.MIYAMOTO	JPN	1997	8:13.49	ANTON CERER	USA	1997	32:32.53	HAROLD DODD	GBR	2004	
1:45.54	FRANK PIEMME	USA	2005	8:14.86	ALDO DA ROSA	USA	1998	32:56.41	NILS FERM	SWE	2002	
1:45.99	MAX VON ISSER	USA	1999	8:39.57	LEE ARTH	USA	2005	33:08.42	GUS LANGNER	USA	1989	
1:46.64	KARL HAUTER	GER	2005	8:45.17	WALTER PFEIFFER	USA	1994	33:22.61	KARL BAYERLEIN	GER	2006	
1:46.92	HIROMU YOSHIMOTO	JPN	1995	9:08.24	TED ROACH	CAN	2005	35:14.53	GARY WEISENTHAL	USA	1999	
1:47.02	BARTON GREENBURG	USA	2005					35:29.09	WILLIAM DODGSON	GBR	2005	
1:47.10	ALDO DA ROSA	USA	1998					35:29.61	ARTHUR THOMAS	AUS	2004	
200 M. BRST				*****	M E N 85-89			50 M. BACK				
3:47.81	AL CRAIG	USA	2007	*****	50 M. FREE			42.17	GORO KOBAYASHI	JPN	2001	
3:47.98	KARL HAUTER	GER	2005		35.77	WOODROW BOWERSOCK	USA	1998	44.52	FRED VAN DYKE	USA	2006
3:53.23	JAN ZIEGLER	CZE	2005		36.40	JAMES EUBANK	USA	2000	45.16	TOSHIJI SATO	JPN	2000
3:55.20	AUGUSTO ROMANO	ITA	1998		36.41	GORO KOBAYASHI	JPN	2002	45.33	SHOICHI SAKAMOTO	JPN	2004
3:58.31	ISAO FUNAMOTO	JPN	2002		37.21	ANDREW HOLDEN	USA	2004	47.06	ALDO DA ROSA	USA	2002
3:58.49	MAX VAN GELDER	NED	2004		37.67	SHOICHI SAKAMOTO	JPN	2004	47.70	R.REINSTADTLER	GER	1997
3:59.36	THOMAS MAINE	USA	2006		38.12	ROGER HALIMI	FRA	2007	49.11	GUNTHER PIRL	GER	2006
3:59.90	Y.MIYAMOTO	JPN	1997		38.73	GOUGH WILLIAMS	AUS	2001	49.14	ANDREW HOLDEN	USA	2004
4:00.64	ALDO DA ROSA	USA	1998		39.00	AKIHIKO NAKAMURA	JPN	1998	49.19	M.FUKUSHIMA	JPN	2001
4:00.73	ANTON CERER	USA	1996		39.03	ARTHUR THOMAS	AUS	2002	49.20	C.SCHERER	GER	1999
50 M. FLY					39.09	HIDEYA FUJII	JPN	2003	100 M. BACK			
40.65	FRANK PIEMME	USA	2005		100 M. FREE			1:36.34	GORO KOBAYASHI	JPN	2001	
40.95	TOSHIO TAJIMA	JPN	2005		1:23.87	JIM EUBANK	USA	2001	1:41.25	TOSHIJI SATO	JPN	2000
41.36	MAX VAN GELDER	NED	2004		1:26.48	GORO KOBAYASHI	JPN	2002	1:48.68	HIKOJI UEKI	JPN	2000
41.89	ANDREW HOLDEN	USA	1999		1:26.71	HIKOJI UEKI	JPN	2000	1:49.54	ALDO DA ROSA	USA	2002
42.13	SILVANO DANIELI	ITA	2007		1:26.78	WILLARD LAMB	USA	2007	1:51.83	C.SCHERER	GER	1999
42.22	Y.MIYAMOTO	JPN	1998		1:27.61	WOODROW BOWERSOCK	USA	1998	1:53.16	NILS FERM	SWE	2002
42.89	RAYMOND TAFT	USA	1999		1:31.70	GOUGH WILLIAMS	AUS	2001	1:53.67	R.REINSTADTLER	GER	1997
43.54	MAX VON ISSER	USA	1999		1:34.42	TOKUSHI KOMEDA	JPN	1999	1:53.83	BELA BANKI	HUN	2006
43.80	JAN ZIEGLER	CZE	2006		1:35.84	ARTHUR THOMAS	AUS	2002	1:54.15	BELA B.HORVATH	HUN	2005
45.78	HORST FRITSCH	GER	2006		1:36.11	R.REINSTADTLER	GER	1997	1:54.68	H.REITEMEYER	GER	2006
100 M. FLY					1:36.17	ISAMU TAMURA	JPN	2004	200 M. BACK			
1:45.50	THOMAS MAINE	USA	2006		200 M. FREE			3:41.06	GORO KOBAYASHI	JPN	2002	
1:45.53	JAN ZIEGLER	CZE	2006		3:13.78	HIKOJI UEKI	JPN	2000	3:48.38	TOSHIJI SATO	JPN	2000
1:46.11	FRANK PIEMME	USA	2005		3:17.30	JIM EUBANK	USA	2001	4:07.72	ALDO DA ROSA	USA	2002
1:47.86	KARL HAUTER	GER	2005		3:19.10	GORO KOBAYASHI	JPN	2002	4:08.30	BELA BANKI	HUN	2006
1:47.88	ANDREW HOLDEN	USA	1999		3:23.62	WILLARD LAMB	USA	2007	4:09.97	NILS FERM	SWE	2002
1:49.38	MAX VAN GELDER	NED	2004		3:34.20	TOKUSHI KOMEDA	JPN	1999	4:10.68	R.REINSTADTLER	GER	2000
1:52.37	ANTON CERER	USA	1996		3:35.73	ALDO DA ROSA	USA	2002	4:12.93	RYUJI FUJIKAWA	JPN	2002
1:55.14	SILVANO DANIELI	ITA	2007		3:36.12	GOUGH WILLIAMS	AUS	2001	4:13.02	ARTHUR THOMAS	AUS	2002
1:57.02	MINORU NAGASHIMA	JPN	2007		3:39.43	SHIGEMASA OKAJIMA	JPN	2006	4:15.72	C.SCHERER	GER	2000
1:58.01	ALDO DA ROSA	USA	1998		3:40.38	HIROSHI SAIGO	JPN	1999	4:16.14	HIROMICHI MIYAZAK	JPN	2005
200 M. FLY					3:42.11	SABURO IWASAKI	JPN	2001	50 M. BRST			
3:54.51	THOMAS MAINE	USA	2006		400 M. FREE			46.23	Y.MIYAMOTO	JPN	2002	
4:03.00	JAN ZIEGLER	CZE	2005		7:05.53	HIKOJI UEKI	JPN	2000	49.46	HIROMU YOSHIMOTO	JPN	2000
4:11.09	ANTON CERER	USA	1998		7:12.16	JIM EUBANK	USA	2001	49.90	SEIJI TAKAHASHI	JPN	2000
4:11.48	KARL HAUTER	GER	2006		7:44.04	TOKUSHI KOMEDA	JPN	1999	50.74	PAUL KRUP	USA	2002
4:28.71	SILVANO DANIELI	ITA	2007		7:55.43	HAROLD DODD	GBR	2004	51.42	H.REITEMEYER	GER	2006
4:29.09	HIRONARI UEDA	JPN	2002		7:59.07	ALDO DAROSA	USA	2003	51.52	KARL WITTENBERG	GER	1995
4:31.05	LEE ARTH	USA	2006		7:59.28	SABURO IWASAKI	JPN	2001	52.32	ALFRED SCHULHOF	CAN	2005
4:31.44	ALDO DA ROSA	USA	1998		8:02.49	NILS FERM	SWE	2002	52.39	ALDO DAROSA	USA	2003
4:31.96	WALTER PFEIFFER	USA	1994		8:12.53	DICK GUIDO	USA	2004	53.14	WALTER MINNICH	GER	2004
4:41.28	PAUL KRUP	USA	1998		8:12.57	SHIGEMASA OKAJIMA	JPN	2006	53.22	LUDWIG GEBURZI	GER	2006
200 M. I.M.					8:12.59	ARTHUR THOMAS	AUS	2002	100 M. BRST			
3:32.82	JAN ZIEGLER	CZE	2005		800 M. FREE			1:53.70	HIROMU YOSHIMOTO	JPN	2000	
3:34.94	FRANK PIEMME	USA	2005		15:22.83	WILLARD LAMB	USA	2007	1:54.19	Y.MIYAMOTO	JPN	2002
3:35.20	KARL HAUTER	GER	2006		15:24.45	JIM EUBANK	USA	2001	1:56.64	H.REITEMEYER	GER	2006
3:43.19	RAY TAFT	USA	2000		15:59.86	TOKUSHI KOMEDA	JPN	1999	2:00.89	ALDO DAROSA	USA	2003
3:43.82	ALDO DA ROSA	USA	1998		16:26.96	G. MAY	RSA	2002	2:03.03	SEIJI TAKAHASHI	JPN	2000
3:44.19	MAX VAN GELDER	NED	2004		16:27.23	ALDO DA ROSA	USA	2002	2:03.62	LUDWIG GEBURZI	GER	2006
3:47.18	ANTON CERER	USA	1996		16:52.07	HAROLD DODD	GBR	2004	2:03.77	FRED SCHULHOF	CAN	2004
3:52.22	HIROSHI IMAIZUMI	JPN	2006		17:06.91	NILS FERM	SWE	2002	2:03.96	PAUL KRUP	USA	2002
3:53.22	THOMAS MAINE	USA	2005		17:11.21	GUS LANGNER	USA	1988	2:06.10	REINHOLD ZOEGE	GER	1995
3:58.24	SILVANO DANIELI	ITA	2007		17:33.95	ARTHUR THOMAS	AUS	2004	2:07.47	RAYMOND HAKOMAKI	USA	2005
400 M. I.M.					17:47.46	DICK GUIDO	USA	2004	200 M. BRST			
7:38.09	JAN ZIEGLER	CZE	2005		1500 M. FREE			4:22.99	HIROMU YOSHIMOTO	JPN	2000	
7:47.73	THOMAS MAINE	USA	2006		29:53.88	JIM EUBANK	USA	2000	4:25.31	ALDO DAROSA	USA	2003
7:57.61	KARL HAUTER	GER	2005		30:14.52	TOKUSHI KOMEDA	JPN	1999	4:26.74	H.REITEMEYER	GER	2006
8:03.49	FRANK PIEMME	USA	2005					4:36.86	HAROLD PERRY	USA	1996	



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2007)

4:40.05	Y.MIYAMOTO	JPN 2002	43.78	KAZUNAGA AKUTSU	JPN 2002	58.39	NILS FERM	SWE 2007
4:44.64	ISAO FUNAMOTO	JPN 2007	44.71	GORO KOBAYASHI	JPN 2006	58.54	JOHN MERRILL	USA 2007
4:46.26	FRED SCHULHOF	CAN 2004	45.31	MASAHISA KANEKO	JPN 2002	59.88	HEINZ HILLIGER	GER 2003
4:59.99	RUSS WITTE	USA 2002	45.87	MASAO UEDA	JPN 2002	100 M. BACK		
5:01.02	C.SCHERER	GER 2000	46.14	NED SMITH	USA 2005	1:45.46	GORO KOBAYASHI	JPN 2006
5:03.81	BUD JACKSON	USA 2004	46.24	GASTAO FIGUEIREDO	BRA 2000	2:04.48	TOSHIJI SATO	JPN 2006
50 M. FLY			46.50	R.REINSTADTLER	GER 2002	2:04.94	R.REINSTADTLER	GER 2002
46.48	ANDREW HOLDEN	USA 2004	46.72	BRUD CLEAVELAND	USA 2007	2:07.20	JOHN MERRILL	USA 2007
50.64	MAX VON ISSER	USA 2006	100 M. FREE			2:08.75	NILS FERM	SWE 2007
51.12	PAUL KRUP	USA 2002	1:38.05	GORO KOBAYASHI	JPN 2006	2:10.36	WOODY BOWERSOCK	USA 2003
51.81	Y.MIYAMOTO	JPN 2002	1:40.54	TOKUSHI KOMEDA	JPN 2004	2:11.19	MASAHISA KANEKO	JPN 2003
54.00	ANTON CERER	USA 2002	1:43.22	WOODY BOWERSOCK	USA 2003	2:18.51	NORI YAMAMOTO	JPN 1999
54.98	WALTER PFEIFFER	USA 2000	1:50.30	KAZUNAGA AKUTSU	JPN 2002	2:19.73	JOHN HARRISON	GBR 2005
56.19	LUDWIG GEBURZI	GER 2006	1:51.07	MASAHISA KANEKO	JPN 2002	2:24.12	DICK WESTERFIELD	USA 2005
58.13	JESSE COON	USA 1996	1:56.10	HEINZ SIEGEL	GER 2004	200 M. BACK		
58.73	TOKUSHI KOMEDA	JPN 1999	1:56.60	GASTAO FIGUEIREDO	BRA 2000	4:05.77	GORO KOBAYASHI	JPN 2007
58.75	ALDO DAROSA	USA 2003	1:57.91	GUS LANGNER	USA 1993	4:34.60	R.REINSTADTLER	GER 2002
100 M. FLY			1:58.36	R.REINSTADTLER	GER 2003	4:39.83	NILS FERM	SWE 2007
2:02.53	ANDREW HOLDEN	USA 2004	2:04.59	BRUD CLEAVELAND	USA 2007	4:41.28	TOSHIJI SATO	JPN 2005
2:10.28	WALTER PFEIFFER	USA 1999	200 M. FREE			4:42.14	JOHN HARRISON	GBR 2004
2:11.44	ANTON CERER	USA 2002	3:54.89	TOKUSHI KOMEDA	JPN 2004	4:51.00	JOHN MERRILL	USA 2007
2:17.29	PAUL KRUP	USA 2002	4:10.40	WOODY BOWERSOCK	USA 2003	4:58.86	WOODY BOWERSOCK	USA 2003
2:24.04	ALDO CAPUTI	ITA 2000	4:19.52	MASAHISA KANEKO	JPN 2002	5:06.10	GASTAO FIGUEIREDO	BRA 2000
2:28.58	WILLIAM JOHNSTON	USA 2003	4:28.34	GUS LANGNER	USA 1993	5:10.41	ARTHUR THOMAS	AUS 2007
2:30.73	JESSE COON	USA 1996	4:32.78	ALFREDO CHERCHI	AUS 1997	5:10.78	DICK WESTERFIELD	USA 2005
2:30.75	HIRONARI UEDA	JPN 2006	4:38.25	JIM TRIOLO	USA 2004	50 M. BRST		
2:33.63	FRANK GRIFFITHS	AUS 1993	4:38.57	ARTHUR THOMAS	AUS 2007	57.20	HIROMU YOSHIMOTO	JPN 2005
2:36.05	R.REINSTADTLER	GER 1997	4:43.81	NILS FERM	SWE 2007	1:00.75	SEIJI TAKAHASHI	JPN 2005
200 M. FLY			4:44.26	JOHN HARRISON	GBR 2004	1:01.64	BRUD CLEAVELAND	USA 2007
4:47.63	ANDREW HOLDEN	USA 2004	4:52.92	GASTAO FIGUEIREDO	BRA 2000	1:05.84	MITSUO SHIMO	JPN 1999
4:57.41	ANTON CERER	USA 2002	400 M. FREE			1:06.04	Y.MIYAMOTO	JPN 2007
5:06.00	WALTER PFEIFFER	USA 1999	8:13.45	TOKUSHI KOMEDA	JPN 2004	1:06.22	R.REINSTADTLER	GER 2002
5:07.93	PAUL KRUP	USA 2002	9:35.43	ARTHUR THOMAS	AUS 2007	1:07.83	MASAHISA KANEKO	JPN 2002
5:25.02	ALDO CAPUTI	ITA 2001	9:39.37	WOODY BOWERSOCK	USA 2003	1:08.25	HEINZ SIEGEL	GER 2004
5:42.31	HIRONARI UEDA	JPN 2006	9:40.04	ALFREDO CHERCHI	AUS 1997	1:08.82	KAZUNAGA AKUTSU	JPN 2002
5:54.28	FRANK GRIFFITHS	AUS 1993	9:44.11	GUS LANGNER	USA 1993	1:08.90	HANS PAUL	GER 1999
6:11.68	JESSE COON	USA 1996	9:44.99	NILS FERM	SWE 2007	100 M. BRST		
6:19.15	WILLIAM JOHNSTON	USA 2003	9:48.38	JOHN HARRISON	GBR 2004	2:15.43	HIROMU YOSHIMOTO	JPN 2005
7:01.72	EARL MCCULLOUGH	USA 2000	9:55.55	HEINZ SIEGEL	GER 2004	2:28.24	BRUD CLEAVELAND	USA 2007
200 M. I.M.			10:42.97	AUSTIN NEWMAN	USA 2007	2:31.40	MASAHISA KANEKO	JPN 2002
4:13.14	ANTON CERER	USA 2001	10:47.11	R.REINSTADTLER	GER 2003	2:39.02	HANS PAUL	GER 1998
4:15.59	ANDREW HOLDEN	USA 2004	800 M. FREE			2:44.14	DERRICK DAVEY	GBR 2004
4:16.31	ALDO DAROSA	USA 2003	17:54.42	TOKUSHI KOMEDA	JPN 2005	2:46.78	WALTER PFEIFER	USA 2003
4:30.49	TOKUSHI KOMEDA	JPN 1999	19:36.32	NILS FERM	SWE 2007	2:48.32	HEINZ SIEGEL	GER 2005
4:33.24	WALTER PFEIFFER	USA 2000	20:09.22	JOHN HARRISON	GBR 2004	2:50.24	ROMAN JEZEK	CAN 2004
4:39.05	LUDWIG GEBURZI	GER 2006	20:13.74	GUS LANGNER	USA 1993	2:51.73	JIM PANTON	CAN 2004
4:40.15	FRANK GRIFFITHS	AUS 1993	21:07.17	WOODY BOWERSOCK	USA 2003	2:52.53	R.REINSTADTLER	GER 2002
4:49.53	HEINZ SIEGEL	GER 1999	24:04.65	ARTHUR THOMAS	AUS 2007	200 M. BRST		
5:00.14	R.REINSTADTLER	GER 1997	24:19.62	GENE CROSSETT	USA 2004	5:17.47	HIROMU YOSHIMOTO	JPN 2005
5:03.54	RICHARD SMITH	USA 2005	24:43.31	GARY WEISENTHAL	USA 2005	5:35.18	MASAHISA KANEKO	JPN 2002
400 M. I.M.			27:10.53	ROMAN JEZEK	CAN 2004	5:55.72	BRUD CLEAVELAND	USA 2007
9:21.90	ANTON CERER	USA 2001	30:22.00	FRANK TILLOTSON	USA 2004	6:18.26	ROMAN JEZEK	CAN 2004
9:42.77	WALTER PFEIFFER	USA 1999	1500 M. FREE			6:24.54	GUS LANGNER	USA 1993
10:28.43	FRANK GRIFFITHS	AUS 1994	36:47.02	GUS LANGNER	USA 1993	6:25.92	JIM PANTON	CAN 2004
10:57.84	HIRONARI UEDA	JPN 2006	37:21.89	NILS FERM	SWE 2007	6:26.72	WALTER PFEIFER	USA 2003
11:23.79	WILLIAM JOHNSTON	USA 2003	38:56.19	JOHN HARRISON	GBR 2004	6:53.87	ANDREW KALLUNKI	USA 1995
11:52.88	ALDO CAPUTI	ITA 2000	39:36.67	WALTER PFEIFFER	USA 2004	7:28.35	JACK MATHIESON	AUS 2007
11:59.54	JESSE COON	USA 1997	51:09.50	GARY WEISENTHAL	USA 2003	8:06.28	R.BEON	CUB 2004
12:21.70	AL ALVAREZ	AUS 2001	52:41.53	PAUL E. SPANGLER	USA 1990	50 M. FLY		
12:27.27	ABE OLANOFF	USA 1991	72:43.69	JACK MATHIESON	AUS 2007	1:00.30	WALTER PFEIFER	USA 2003
12:47.66	EARL MCCULLOUGH	USA 2000	50 M. BACK			1:10.34	HEINZ SIEGEL	GER 2004
*****			46.82	GORO KOBAYASHI	JPN 2006	1:11.54	R.REINSTADTLER	GER 2002
			53.26	KAZUNAGA AKUTSU	JPN 2002	1:11.57	TOKUSHI KOMEDA	JPN 2004
			53.99	R.REINSTADTLER	GER 2002	1:12.66	ALDO CAPUTI	ITA 2005
			54.07	TOSHIJI SATO	JPN 2005	1:21.55	JOHN HARRISON	GBR 2004
			54.41	MASAHISA KANEKO	JPN 2003	1:23.87	JESSE COON	USA 2000
			56.43	WOODY BOWERSOCK	USA 2003	1:26.07	JIM PENFIELD	USA 1998
			57.73	SHOGORO AZUMA	JPN 2002	2:06.54	EUGENE LEHMAN	CAN 2006
50 M. FREE								
39.19	WOODY BOWERSOCK	USA 2003						
43.03	TOKUSHI KOMEDA	JPN 2004						



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100 M. FLY		200 M. BACK	
2:31.03 WALTER PFEIFER	USA 2003	8:19.55 ALFREDO CHERCHI	AUS 2002
2:46.91 ALDO CAPUTI	ITA 2005	50 M. BRST	
3:29.53 JESSE COON	USA 2000	1:26.15 KAZUNAGA AKUTSU	JPN 2007
200 M. FLY		1:26.61 GUS LANGNER	USA 1998
5:51.79 WALTER PFEIFER	USA 2003	1:36.87 TOM LANE	USA 1989
6:05.42 ALDO CAPUTI	ITA 2005	100 M. BRST	
8:22.48 JESSE COON	USA 2000	3:38.45 GUS LANGNER	USA 1998
200 M. I.M.		200 M. BRST	
5:02.64 TOKUSHI KOMEDA	JPN 2004	7:37.17 GUS LANGNER	USA 1998
5:12.11 WALTER PFEIFER	USA 2003		
5:43.35 ALDO CAPUTI	ITA 2005	*****	
6:10.88 JOHN HARRISON	GBR 2005	M E N 100-104	
6:25.78 JESSE COON	USA 2000	*****	
7:02.80 JIM PENFIELD	USA 1998	50 M. FREE	
7:08.31 PETER JURCZYK	USA 1996	1:40.46 TOM LANE	USA 1994
7:23.22 ANDREW KALLUNKI	USA 1995	3:22.65 EDWIN THOMAS	USA 1994
7:25.47 HARUO ENDO	JPN 2002	100 M. FREE	
400 M. I.M.		4:05.98 TOM LANE	USA 1994
11:19.91 WALTER PFEIFER	USA 2003	50 M. BACK	
13:52.72 JESSE COON	USA 2000	1:50.73 TOM LANE	USA 1994
		100 M. BACK	
*****		4:13.84 TOM LANE	USA 1994
M E N 95-99		200 M. BACK	
*****		9:04.31 TOM LANE	USA 1994
50 M. FREE			
55.88 GUS LANGNER	USA 1998		
56.99 KAZUNAGA AKUTSU	JPN 2007		
1:03.14 JARING TIMMERMAN	CAN 2005		
1:06.06 COLLISTER WHEELER	USA 1988		
1:06.93 ALFREDO CHERCHI	AUS 2003		
1:20.07 ELI BARREIRO	ECU 2001		
1:20.52 TOM LANE	USA 1989		
1:31.68 ETSURO YASUI	JPN 2006		
1:41.72 JOHN WHITTEMORE	USA 1995		
1:48.40 HANS HAHN	GER 2003		
100 M. FREE			
2:17.59 KAZUNAGA AKUTSU	JPN 2007		
2:29.32 GUS LANGNER	USA 1998		
2:31.44 JARING TIMMERMAN	CAN 2005		
3:07.28 ELI BARREIRO	ECU 2001		
3:30.27 ETSURO YASUI	JPN 2006		
3:30.59 TOM LANE	USA 1992		
200 M. FREE			
5:13.23 GUS LANGNER	USA 1998		
5:56.17 JARING TIMMERMAN	CAN 2005		
400 M. FREE			
11:30.53 GUS LANGNER	USA 1998		
800 M. FREE			
22:28.28 GUS LANGNER	USA 1998		
1500 M. FREE			
47:30.40 GUS LANGNER	USA 1999		
50 M. BACK			
1:03.32 KAZUNAGA AKUTSU	JPN 2007		
1:10.06 NORI YAMAMOTO	JPN 2005		
1:16.30 TOM LANE	USA 1989		
1:20.41 SHOGORO AZUMA	JPN 2007		
1:23.77 ALFREDO CHERCHI	AUS 2002		
1:29.26 JARING TIMMERMAN	CAN 2005		
1:52.63 HANS HAHN	GER 2005		
1:56.25 GUS LANGNER	USA 1998		
100 M. BACK			
2:31.61 KAZUNAGA AKUTSU	JPN 2007		
2:54.90 NORI YAMAMOTO	JPN 2005		
3:19.14 TOM LANE	USA 1992		
3:19.24 JARING TIMMERMAN	CAN 2005		
3:32.44 ALFREDO CHERCHI	AUS 2003		
4:12.55 HANS HAHN	GER 2004		