



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 KRUYSEN	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 KRUYSEN	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 KRUYSEN	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 KRUYSEN	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 BRASCHOS	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	WOMEN 30-34		
9:28.85	KAREN CLIFTON	GBR 1996	200	M. BRST		*****		
9:29.04	LISA A JOHNS	USA 1991	2:35.46	HITOMI MATSUDA	JPN 2006	50	M. FREE	
1500	M. FREE		2:38.22	KATJA BRASCHOS	GER 2006	25.99	TONI JEFFS	NZL 2002
16:39.77	RACHEL KOMISARZ	USA 2001	2:39.94	NICOLE HEIDEMANN	GER 2007	26.18	KATRINA RADKE	USA 2004
17:26.88	PAULA WOOD	GBR 2007	2:42.02	SHARRON DAVIES	GBR 1990	26.25	ANGEL MARTINO	USA 2000
17:27.96	SHEILA TAORMINA	USA 1995	2:43.89	CRISTINA TEUSCHER	GBR 2004	26.37	S.NEILSON-BELL	USA 1988
17:38.09	S. PALMER-WHITE	AUS 1991	2:44.36	SUKI BROWNSDON	GBR 1991	26.38	PEGGY GROSS	USA 2002
17:38.78	AMY POPE	USA 1988	2:44.80	BARBARA ARRIGO	ITA 2004	26.59	PASCALE VERBAUWEN	BEL 1993
17:41.64	LINDA GALLO	USA 2004	2:44.88	WIEBKE CONRAD	GER 2006	26.75	TRACIE MOLL	USA 1998
17:50.23	AMY LEPPING	USA 1987	2:45.04	REBECCA BRUCH	USA 2000	26.95	NADINE ROLLAND	CAN 2005
17:54.78	HITOMI MATSUDA	JPN 2005	2:45.09	PIA THULSTRUP	DEN 1990	27.00	BARBARA COLORIO	ITA 2006
17:55.84	EVA MORTENSEN	GBR 1996	50	M. FLY				



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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	HATURA 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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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	1:18.27	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	SVETLANA 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				WOMEN 45-49			
1500 M. FREE				2:38.44	S.VON DER LIPPE	USA	2006	*****			
17:56.52	K PIPES-NEILSEN	USA	2003	2:42.06	CAROLINE KRATTLI	USA	2002	50 M. FREE			
18:14.34	SUZ HEIM-BOWEN	USA	1998	2:43.17	MARZENA KULIS	ITA	2006	27.44	SUSAN WALSH	USA	2007
18:15.98	N.MUIR-COCHRANE	GBR	2004	2:49.95	DAGMAR HILBIG	GER	1999	27.76	BRIGITTE HEUER	USA	2006
18:25.26	JILL HERNANDEZ	USA	2000	2:52.91	H.MORRIS-EYTON	RSA	2007	27.78	BETH LUTZ KNIGHT	USA	2005
18:25.28	LYNN MARSHALL	CAN	2002	2:53.47	MARIE CHARLES	FRA	2004	27.81	LISA DAHL	USA	2006
18:44.49	LESLEIGH MAYES	AUS	2001	2:54.35	S.SEMINATORE	ITA	2005	28.07	BERGER-TALOCHINO	FRA	2002
18:50.58	DENISE BROWN	USA	2003	2:54.47	JAN FOWLER	AUS	2002	28.20	SARAH MACDONALD	CAN	2005
18:50.80	ELENE KAY JONES	ITA	2005	2:54.61	ANGELA DELISSEN	GER	2007	28.25	K.PIPES-NEILSEN	USA	2007
18:57.62	AMY DANTZLER	USA	2007	2:56.08	K.PIPES-NEILSEN	USA	2003	28.30	JACKI HIRSTY	USA	1998
19:00.13	ANNA MARIA NUNIA	ITA	2004	50 M. FLY				28.38	KATHY GARNIER	USA	2005
50 M. BACK				28.62	S.VON DER LIPPE	USA	2006	28.53	JENNY WHITELEY	AUS	2003
31.99	BEVERLEY MCCARNEY	RSA	2004	28.97	ELIZABETH EMERY	USA	2002	100 M. FREE			
32.19	K PIPES-NEILSEN	USA	2002	29.13	SILVIA PAROCCHI	ITA	2007	59.79	K.PIPES-NEILSEN	USA	2007
32.25	LAURA VAL	USA	1994	29.29	MARIA DOELGER	USA	2003	1:00.16	SUSAN WALSH	USA	2007
32.28	CAROLINE KRATTLI	USA	2002	29.35	K PIPES-NEILSEN	USA	2002	1:00.95	BETH LUTZ KNIGHT	USA	2005
32.31	SUSAN WALSH	USA	2004	29.41	EDITH OTTERMANN	RSA	2006	1:01.39	SARAH MACDONALD	CAN	2005
32.33	SILVIA PAROCCHI	ITA	2007	29.59	BETH BAKER	USA	2001	1:01.92	KATHY GARNIER	USA	2006
32.33	M.RODAHL-WILLIAMS	NZL	2002	29.64	NATALIYA MATVEEVA	RUS	2007	1:02.11	SUZANN HEIM-BOWEN	USA	2003
32.34	HIROKO NOGUCHI	JPN	2007	29.67	BEVERLEY MCCARNEY	RSA	2004	1:02.34	BERGER-TALOCHINO	FRA	2002
32.41	VALERIE JENKINS	USA	2006	29.79	SUSAN WALSH	USA	2006	1:02.55	LAURA VAL	USA	2000
32.49	L VAN PELT-DILLER	USA	2002	29.79	BARBARA GELLRICH	GER	2002	1:02.83	JENNY WHITELEY	AUS	2003
100 M. BACK				100 M. FLY				1:02.86	JACKI HIRSTY	USA	1998
1:07.69	K PIPES-NEILSEN	USA	2003	1:03.38	S.VON DER LIPPE	USA	2006	200 M. FREE			
1:08.64	SILVIA PAROCCHI	ITA	2007	1:04.74	K PIPES-NEILSEN	USA	2003	2:11.44	K.PIPES-NEILSEN	USA	2007
1:09.88	BETH BAKER	USA	2001	1:05.33	SILVIA PAROCCHI	ITA	2007	2:12.76	BETH LUTZ KNIGHT	USA	2005
1:10.38	L VAN PELT-DILLER	USA	2002	1:05.61	BETH BAKER	USA	2001	2:13.17	SUZANN HEIM-BOWEN	USA	2003
1:10.65	M.RODAHL-WILLIAMS	NZL	2002	1:05.80	BEVERLEY MCCARNEY	RSA	2004	2:13.85	JILL HERNANDEZ	USA	2005
1:11.00	ELLEN REYNOLDS	USA	2006	1:06.27	LAURA VAL	USA	1992	2:14.84	SUSANNE SIMPSON	USA	2005
1:11.03	LAURA VAL	USA	1992	1:06.40	MARZENA KULIS	ITA	2007	2:16.23	JANA MATENA	USA	2007
1:11.04	CAROLINE KRATTLI	USA	2002	1:06.41	MARIA DOELGER	USA	2003	2:16.67	JENNY WHITELEY	AUS	2003
1:11.13	UTE ROMBERG	GER	2002	1:06.73	DANIELA DE PONTI	ITA	2006	2:16.85	REBECCA PERROTT	NZL	2006
1:11.22	A.LUALLEN-EGG	USA	2005	1:06.88	BARBARA GELLRICH	GER	2003	2:16.90	ELENE KAY JONES	USA	2006
200 M. BACK				200 M. FLY				2:17.12	LAURA VAL	USA	1998
2:23.64	K PIPES-NEILSEN	USA	2003	2:24.77	K PIPES-NEILSEN	USA	2003	4:38.29	K.PIPES-NEILSEN	USA	2007
2:28.14	SILVIA PAROCCHI	ITA	2007	2:24.78	S.VON DER LIPPE	USA	2006	4:39.20	SUZANN HEIM-BOWEN	USA	2003
2:31.66	BETH BAKER	USA	2001	2:25.15	SUSAN PRESTON	USA	2006	4:42.52	LYNN MARSHALL	CAN	2007
2:33.10	ELLEN REYNOLDS	USA	2006	2:29.37	SUSANNE SIMPSON	USA	2002	4:44.30	SUSANNE SIMPSON	USA	2006
2:33.31	SALLY BELL	AUS	2005	2:29.81	BETH BAKER	USA	2001	4:45.57	JILL HERNANDEZ	USA	2005
2:34.18	ZENA COURTNEY	USA	1999	2:30.47	BIRGIT LOHBERG	USA	2007	4:46.09	ELENE KAY JONES	ITA	2005
2:34.37	LESLEY WILDE	GBR	2000	2:32.14	S HEIM-BOWEN	USA	1999	4:49.82	JANA MATENA	USA	2007
2:35.37	JILL GELLATLY	USA	2007	2:32.41	MARZENA KULIS	ITA	2007	4:50.82	MARIA BRANCO	BRA	1998
2:35.63	HELEN WHITFORD	AUS	2007	2:32.59	LAURA VAL	USA	1995	4:52.03	LAURA VAL	USA	2000
2:35.83	ANGELA DELISSEN	GER	2006	2:32.96	ANGELA DELISSEN	GER	2007	4:52.17	JENNY WHITELEY	AUS	2003
50 M. BRST				200 M. I.M.				800 M. FREE			
33.25	S.VON DER LIPPE	USA	2006	2:25.03	S.VON DER LIPPE	USA	2007	9:24.11	K.PIPES-NEILSEN	USA	2007
33.79	CAROLINE KRATTLI	USA	2002	2:25.38	K PIPES-NEILSEN	USA	2003	9:24.53	SUZANN HEIM-BOWEN	USA	2003
34.20	S.SEMINATORE	ITA	2004	2:29.80	CAROLINE KRATTLI	USA	2002				
34.97	DAGMAR HILBIG	GER	2000	2:30.96	JILL HERNANDEZ	USA	2000				



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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	WOMEN 50-54			
10:01.39	ROBIN KLESTINEC	USA	2006	200 M. BRST				*****			
10:02.69	KAREN EINSIDLER	USA	2003	2:45.20	CAROLINE KRATTLI	USA	2007	50 M. FREE			
1500 M. FREE				2:51.02	JUDIT HAJDU	AUT	2007	28.22	LAURA VAL	USA	2001
17:55.83	SUZANN HEIM-BOWEN	USA	2003	2:54.49	MONICA CORO	ITA	2007	28.41	ANGELA ZINGLER	GER	2005
18:31.35	LYNN MARSHALL	CAN	2006	2:55.96	JENNY WHITELEY	AUS	2003	28.46	JACKI HIRSTY	USA	2003
18:36.80	ELENE KAY JONES	ITA	2006	2:57.24	COLETTE CRABBE	USA	2001	28.77	J SWAGERTY-HILL	USA	2002
19:13.05	C.TARANTINO	ITA	2004	2:57.38	ULRIKE URBANIAK	GER	1998	28.99	BERGER TALOCHINO	FRA	2006
19:15.90	KAREN EINSIDLER	USA	2002	2:58.57	AMANDA HEATH	GBR	2004	29.33	ARDETH MUELLER	USA	1993
19:25.40	DENISE BROWN	USA	2005	2:59.16	MARJA BLOEMZAAD	NED	2007	29.39	JOEL FELDMANN	USA	2002
19:26.97	LAURA VAL	USA	1998	2:59.35	JAN FOWLER	AUS	2003	29.40	HEATHER CAMPBELL	NZL	2006
19:28.05	MARGUERITE MEYER	USA	2007	3:00.55	KIM CROUCH	USA	2006	29.42	L.CRITTENDEN	USA	2006
19:28.34	BARBARA DUNBAR	USA	1994	50 M. FLY				29.48	K.ANDRUS-HUGHES	USA	2007
19:33.19	JENNY WHITELEY	AUS	2004	29.68	K.PIPES-NEILSEN	USA	2007	100 M. FREE			
50 M. BACK				29.84	SUSAN WALSH	USA	2007	1:01.13	LAURA VAL	USA	2001
31.85	SUSAN WALSH	USA	2007	30.30	ANGELA ZINGLER	GER	2001	1:03.58	JACKI HIRSTY	USA	2003
32.10	K.PIPES-NEILSEN	USA	2007	30.40	ROBIN PARISI	USA	2002	1:04.23	HEATHER CAMPBELL	NZL	2006
32.65	VERA CAPKOVA	BEL	2006	30.41	LISA DAHL	USA	2007	1:04.81	K.ANDRUS-HUGHES	USA	2007
32.93	LAURA VAL	USA	1997	30.48	ARLENE DELMAGE	USA	2007	1:05.02	ANGELA ZINGLER	GER	2004
33.01	SHIZUKO HIRAISHI	JPN	2007	30.48	SHANE GOULD	AUS	2004	1:05.14	LYNN MORRISON	USA	2006
33.18	KARIN SEICK	GER	2006	30.54	SHIZUKO HIRAISHI	JPN	2007	1:05.18	ROBIN PARISI	USA	2004
33.34	K.ANDRUS-HUGHES	USA	2006	30.68	KARIN SEICK	GER	2006	1:05.21	BERGER TALOCHINO	FRA	2006
33.40	CATHY SHEEHAN	CAN	2005	30.73	JILL HERNANDEZ	USA	2005	1:05.54	ATIE PIJTAK	NED	2007
33.43	PENNY NOYES	USA	2000	100 M. FLY				1:06.02	SUSAN HALFACRE	USA	2002
33.48	LESLIE LIVINGSTON	USA	2007	1:06.96	K.PIPES-NEILSEN	USA	2007	200 M. FREE			
100 M. BACK				1:07.30	JILL HERNANDEZ	USA	2005	2:15.37	LAURA VAL	USA	2001
1:09.66	SUSAN WALSH	USA	2007	1:08.02	LAURA VAL	USA	1998	2:22.18	JACKI HIRSTY	USA	2003
1:10.12	K.PIPES-NEILSEN	USA	2007	1:08.56	SUSANNE SIMPSON	USA	2005	2:22.85	DANIELLE OGIER	USA	2002
1:11.18	VERA CAPKOVA	BEL	2006	1:08.72	ARLENE DELMAGE	USA	2007	2:24.37	KAREN EINSIDLER	USA	2006
1:11.68	SALLY BELL	AUS	2007	1:08.77	ANDREA BLOCK	USA	2006	2:24.66	CHARLENE O'BRIEN	USA	2006
1:11.87	VIBEKE SWANSON	USA	2007	1:08.95	SHANE GOULD	JPN	2005	2:24.99	JILL JONES	GBR	2007
1:12.69	LESLEY WILDE	GBR	2004	1:08.96	JUDY HATTLE	GBR	2005	2:25.06	BARBARA DUNBAR	USA	2000
1:12.70	LAURA VAL	USA	1997	1:09.53	CECILIA STANFORD	RSA	2006	2:25.94	HEATHER CAMPBELL	NZL	2006
1:13.25	CATHY SHEEHAN	CAN	2005	1:09.66	BARBARA GELLRICH	GER	2007	2:26.14	MARY LIPPOLD	USA	2006
1:13.67	PATTY LANDERS	USA	2001	200 M. FLY				2:26.27	SUSAN HALFACRE	USA	2002
1:13.88	K ANDRUS-HUGHES	USA	2003	2:27.33	K.PIPES-NEILSEN	USA	2007	400 M. FREE			
200 M. BACK				2:31.37	LAURA VAL	USA	1998	4:47.93	LAURA VAL	USA	2002
2:28.42	K.PIPES-NEILSEN	USA	2007	2:32.07	SUSANNE SIMPSON	USA	2006	4:59.43	JACKI HIRSTY	USA	2003
2:33.51	SALLY BELL	AUS	2007	2:33.37	LYNN MARSHALL	CAN	2006	5:00.65	CELESTE MILLER	USA	2000
2:34.80	SUSAN WALSH	USA	2007	2:34.05	ANDREA BLOCK	USA	2006	5:02.92	C.TARANTINO	ITA	2005
2:36.03	LESLEY WILDE	GBR	2004	2:35.32	ARLENE DELMAGE	USA	2007	5:04.00	KAREN EINSIDLER	USA	2006
2:38.02	NAOKO SHIDE	JPN	2007	2:35.38	ROBIN KLESTINEC	USA	2006	5:04.54	DANIELLE OGIER	USA	2002
2:38.04	PATTY LANDERS	USA	2001	2:37.84	CYNTHIA PINCOTT	CAN	2007	5:04.59	CHARLENE O'BRIEN	USA	2006
2:38.48	VIBEKE SWANSON	USA	2007	2:37.84	COLETTE CRABBE	USA	2005	5:05.16	SUSAN HALFACRE	USA	2002
2:39.01	C.TARANTINO	ITA	2003	2:38.75	JENNY WHITELEY	AUS	2003	5:07.97	BARBARA DUNBAR	USA	2002
2:39.67	LYNN DE GEORGE	USA	2006	200 M. I.M.				5:08.31	LAURA VACA	PUR	2003
2:40.68	ROBIN KLESTINEC	USA	2006	2:31.06	K.PIPES-NEILSEN	USA	2007	800 M. FREE			
50 M. BRST				2:32.46	JILL HERNANDEZ	USA	2005	9:52.55	LAURA VAL	USA	2002
33.98	CAROLINE KRATTLI	USA	2007	2:34.10	CAROLINE KRATTLI	USA	2007	10:14.15	C.TARANTINO	ITA	2005
34.74	MAGGIE KELLY	GBR	2001	2:35.64	CECILIA STANFORD	RSA	2006	10:17.70	CELESTE MILLER	USA	2000
35.56	MONICA CORO	ITA	2007	2:35.74	COLETTE CRABBE	USA	2003	10:21.14	JACKI HIRSTY	USA	2003
35.99	JENNY WHITELEY	AUS	2003	2:36.54	REBECCA PERROTT	NZL	2006	10:22.42	LAURA VACA	MEX	2004
36.08	K.PIPES-NEILSEN	USA	2007	2:38.13	SHANE GOULD	AUS	2003	10:23.66	BARBARA DUNBAR	USA	2002
36.67	JUDY WOODWARD	CAN	2003	2:39.67	KAREN EINSIDLER	USA	2003	10:27.62	CHARLENE O'BRIEN	USA	2006
36.97	SUSAN ROY	USA	1994	2:40.09	LYNN DE GEORGE	USA	2006	10:35.50	KAREN EINSIDLER	USA	2006
37.35	MELINDA MANN	USA	2001	2:40.09	LESLEY WILDE	GBR	2004	10:36.52	DIANNE FOSTER	CAN	1998
37.41	JAN FOWLER	AUS	2003	400 M. I.M.				10:39.61	DANIELLE OGIER	USA	2002
37.46	VERITY DOBBIE	GBR	2004	5:19.44	K.PIPES-NEILSEN	USA	2007	1500 M. FREE			
100 M. BRST				5:27.67	JILL HERNANDEZ	USA	2005	19:08.69	LAURA VAL	USA	2001
1:15.65	CAROLINE KRATTLI	USA	2007	5:33.29	REBECCA PERROTT	NZL	2006	19:39.40	C.TARANTINO	ITA	2005
1:18.19	MAGGIE KELLY	GBR	2001	5:35.38	VIBEKE SWANSON	USA	2007	19:40.24	BARBARA DUNBAR	USA	2002
1:18.26	MONICA CORO	ITA	2007	5:36.38	LYNN MARSHALL	CAN	2006	20:11.89	CHARLENE O'BRIEN	USA	2006
1:19.49	JENNY WHITELEY	AUS	2003	5:37.68	COLETTE CRABBE	USA	2002				



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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			*****				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



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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 HOLDSSTEIN	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
100 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-BUYS	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	50 M. FREE				36.61	SATOKO TAKEUJI	JPN	2004
3:14.40	HANNELORE ROSE	GER	1998	31.40	LYNETTE STEVENSON	AUS	2006	37.06	MARIA BALLA	HUN	2004
3:14.78	JEN THOMASSON	AUS	1998	31.55	CHRISTEL SCHULZ	GER	2004	37.12	SILVANA ABREU	BRA	2002
3:15.32	ELAINE BROMWICH	GBR	1997	31.60	CAROLYN BOAK	USA	2006	37.30	MARGIT OHLSSON	SWE	2005
3:16.00	NORMA SUTHERLAND	AUS	1998	31.66	JUDY WILSON	GBR	2004	37.35	LYNETTE STEVENSON	AUS	2006
3:18.11	FLORA CONNOLLY	GBR	1989	32.48	KAYE BEER	AUS	2006	37.56	PENNY STEELE	AUS	2005
3:18.16	BARBARA HUMMEL	USA	2007	32.57	JAN WICKS	AUS	2006	37.84	MARGARET WILDING	GBR	2000
3:18.61	ANNEGRET VOLCKER	GER	2001	32.62	GEORGINA LOPEZ	CAN	2004	38.09	HIROMI SATO	JPN	2002
3:18.69	UTA HOFFMANN	GER	2004	32.77	JAYNE BRUNER	USA	1995	38.76	BETSY JORDAN	USA	1997
50 M. FLY				32.80	D.PAOLETTI	ITA	2004	100 M. BACK			
31.83	LAURA VAL	USA	2007	32.92	OLGA KREJCI	SUI	2000	1:18.91	B.BARNETT-SALLEE	USA	2006
32.24	JUDY WILSON	GBR	2000	100 M. FREE				1:20.43	SATOKO TAKEUJI	JPN	2002
32.91	CONNY BOER-BUIJS	NED	2005	1:10.29	CHRISTEL SCHULZ	GER	2004	1:22.07	MARGARET WILDING	GBR	2000
33.26	CHARLOTTE DAVIS	USA	2006	1:10.60	CAROLYN BOAK	USA	2006	1:22.31	MARGIT OHLSSON	SWE	2005
33.88	YOSHIKO KADOSAKA	JPN	2004	1:11.24	JUDY WILSON	GBR	2004	1:22.85	MARIA BALLA	HUN	2006
34.19	JOEL FELDMANN	USA	2007	1:12.09	BRIGITTE MERTEN	GER	2006	1:24.45	BETSY JORDAN	USA	1997
34.43	JOY WARD	USA	1999	1:12.82	LYNETTE STEVENSON	AUS	2006	1:24.97	SILVANA ABREU	BRA	2002
34.45	DEBORAH BARTON	GBR	2006	1:12.87	YOSHIKO OSAKI	JPN	2000	1:25.18	LYNETTE STEVENSON	AUS	2006



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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 GUNTHER	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				WOMEN 65-69				50 M. BACK			
3:14.49	BONNIE PRONK	CAN	2002	*****				37.93	SATOKO TAKEUJI	JPN	2007
3:16.08	HANNELORE ROSE	GER	2003	50 M. FREE				38.17	SILVANA ABREU	BRA	2006
3:18.05	HARRIET BERGER	GER	2004	32.52	CHRISTEL SCHULZ	GER	2005	38.85	PAM HUTCHINGS	AUS	2002
3:22.24	DIANE FORD	GBR	2006	33.38	OLGA KREJCI	SUI	2002	39.85	CLARA WALKER	USA	1992
3:23.14	ELAINE BROMWICH	GBR	2004	33.47	YOSHIKO OSAKI	JPN	2004	40.50	MARGA BRAUN	GER	1999
3:23.62	JOANN LEILICH	USA	1999	33.55	JAYNE BRUNER	USA	2000	40.76	BONNIE PRONK	CAN	2007
3:24.38	MASAYO AZUMA	JPN	1996	33.69	PAM HUTCHINGS	AUS	2002	40.93	BETSY JORDAN	USA	2002
3:25.29	FLORA CONNOLLY	GBR	1994	34.17	GAIL ROPER	USA	1996	40.99	DORIS STEADMAN	USA	1990
3:25.73	YOSHIE OGASAWARA	JPN	2006	34.18	SALLY BOLAR	USA	2005	41.58	CHRISTEL SCHULZ	GER	2006
3:27.35	INGEBORG SEIDEL	GER	2006	34.57	BETH SCHREINER	USA	2006	41.92	SHOKO YONEZAWA	JPN	2002
50 M. FLY				34.61	JANE ASHER	GBR	1996	100 M. BACK			
33.47	JUDY WILSON	GBR	2004	34.69	JEANNE LITTLE	USA	2005	1:24.67	SATOKO TAKEUJI	JPN	2007
33.63	BETTY CALLAHAN	AUS	1985	100 M. FREE				1:27.51	PAM HUTCHINGS	AUS	2002
35.06	CHRISTEL SCHULZ	GER	2004	1:12.00	CHRISTEL SCHULZ	GER	2005	1:28.08	SILVANA ABREU	BRA	2006
35.18	MICHIE DOI	JPN	2004	1:13.05	YOSHIKO OSAKI	JPN	2004	1:29.94	BONNIE PRONK	CAN	2007
35.28	JAN WICKS	AUS	2006	1:14.93	PAM HUTCHINGS	AUS	2002	1:30.23	CHRISTEL SCHULZ	GER	2005
35.62	JOY WARD	USA	2002	1:16.84	CLARA WALKER	USA	1992	1:30.97	CLARA WALKER	USA	1991
35.92	HARRIET BERGER	GER	2004	1:17.55	SALLY BOLAR	USA	2005	1:31.58	DORIS STEADMAN	USA	1990
36.24	SARAH BROUGH	USA	2001	1:17.73	JANE ASHER	GBR	1996	1:31.68	BETSY JORDAN	USA	2006
36.41	BRIGITTE MERTEN	GER	2007	1:18.00	GAIL ROPER	USA	1996	1:33.49	YOKO ARAI	JPN	2007
36.46	SUSANA BARKLEY	ESP	2006	1:19.11	BETH SCHREINER	USA	2006	1:33.60	JOY WARD	USA	2007
100 M. FLY				1:20.10	LAVELLE STOINOFF	USA	1998	200 M. BACK			
1:17.34	JUDY WILSON	GBR	2004	1:20.17	JAYNE BRUNER	USA	2001	3:08.20	SATOKO TAKEUJI	JPN	2007
1:21.31	HARRIET BERGER	GER	2004	200 M. FREE				3:12.21	BONNIE PRONK	CAN	2007
1:21.61	BRIGITTE MERTEN	GER	2006	2:42.91	YOSHIKO OSAKI	JPN	2004	3:13.06	PAM HUTCHINGS	AUS	2002
1:24.97	CAROLYN BOAK	USA	2007	2:42.96	CHRISTEL SCHULZ	GER	2006	3:15.85	CHRISTEL SCHULZ	GER	2007
1:26.81	SUSANA BARKLEY	ESP	2006	2:48.51	CLARA WALKER	USA	1992	3:16.02	LAVELLE STOINOFF	USA	1998
1:26.96	CLAIRE O'DWYER	IRE	2002	2:53.14	JANE ASHER	GBR	1996	3:17.12	DORIS STEADMAN	USA	1990
1:27.05	YOSHIKO OSAKI	JPN	1999	2:53.88	PAM HUTCHINGS	AUS	2002	3:17.21	CLARA WALKER	USA	1991
1:27.36	HANNELORE ROSE	GER	2002	2:54.02	LAVELLE STOINOFF	USA	1998	3:20.36	SILVANA ABREU	BRA	2006
1:29.24	DANIELA BARNEA	USA	2004	2:54.99	HANNELORE ROSE	GER	2007	3:21.17	JOY WARD	USA	2007
1:30.14	SILVANA ABREU	BRA	2004	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		*****			50	M. BACK		
3:26.88	HANNELORE ROSE	GER 2007	*****			41.90	SHOKO YONEZAWA	JPN 2005	
3:26.98	JOANN LEILICH	USA 2005	*****			42.29	DORIS STEADMAN	USA 1996	
3:27.71	LUISE KNOPFLE	GER 2004	50	M. FREE		42.35	PAM HUTCHINGS	AUS 2006	
3:28.43	MASAYO AZUMA	JPN 2001	34.64	JANE ASHER	GBR 2004	42.42	BETSY JORDAN	USA 2007	
3:29.11	BONNIE PRONK	CAN 2007	35.28	GAIL ROPER	USA 1999	43.49	GRETHE BENDTSEN	DEN 2001	
3:30.95	FLORA CONNOLLY	GBR 1998	35.52	OLGA KREJCI	SUI 2007	43.78	V. JOHANSSON	SWE 2007	
3:33.21	YOSHIKO OSAKI	JPN 2005	36.10	HISAKO SATO	JPN 2005	43.84	JANE ASHER	GBR 2002	
3:34.93	MARGIT JEBE	USA 2003	36.13	CLARA WALKER	USA 1996	44.18	JOAN PARNELL	CAN 1998	
3:35.96	SHOKO YONEZAWA	JPN 2000	36.23	PAM HUTCHINGS	AUS 2006	44.53	BUNNY CEDERLUND	USA 1992	
3:36.67	CHRISTINE PARFECT	GBR 2004	36.24	FUSAKO HIROOKA	JPN 2007	44.58	NANCY BROWN	USA 2006	
50	M. FLY		36.26	SHOKO YONEZAWA	JPN 2006	100	M. BACK		
35.77	CHRISTEL SCHULZ	GER 2006	36.39	M. CUNNINGHAM	AUS 1996	1:33.49	SHOKO YONEZAWA	JPN 2005	
37.54	YOSHIKO OSAKI	JPN 2003	36.54	ODETTE LUSIEN	FRA 1998	1:33.61	V. JOHANSSON	SWE 2005	
37.67	HARUMI SUGIMOTO	JPN 2003	100	M. FREE		1:33.61	JANE ASHER	GBR 2002	
38.07	HAIKE HOLER	GER 2002	1:17.94	JANE ASHER	GBR 2004	1:34.84	BETSY JORDAN	USA 2007	
38.16	SILVANA ABREU	BRA 2006	1:19.94	GAIL ROPER	USA 1999	1:35.11	DORIS STEADMAN	USA 1995	
38.47	JOY WARD	USA 2007	1:21.57	CLARA WALKER	USA 1996	1:36.34	GRETHE BENDTSEN	DEN 2001	
39.07	SARAH KOPSKY	USA 2006	1:22.43	SHOKO YONEZAWA	JPN 2005	1:36.36	NANCY BROWN	USA 2006	
39.18	GAIL ROPER	USA 1996	1:22.62	LOTTIE GEURTS	NED 2006	1:36.65	PAM HUTCHINGS	AUS 2006	
39.45	HISAKO SATO	JPN 2001	1:22.99	NANCY BROWN	USA 2006	1:38.66	JOAN PARNELL	CAN 1998	
39.84	BARBARA FRID	USA 2007	1:23.09	LAVELLE STOINOFF	USA 2003	1:39.85	B. ANDERSON	AUS 1987	
100	M. FLY		1:23.98	HELGA REICH	GER 2007	200	M. BACK		
1:27.73	YOSHIKO OSAKI	JPN 2003	1:23.99	PAM HUTCHINGS	AUS 2006	3:22.49	V. JOHANSSON	SWE 2005	
1:33.38	SILVANA ABREU	BRA 2006	1:24.38	HISAKO SATO	JPN 2006	3:27.58	JANE ASHER	GBR 2002	
1:34.55	HANNELORE ROSE	GER 2007	200	M. FREE		3:28.69	DORIS STEADMAN	USA 1995	
1:34.62	HAIKE HOLER	GER 2002	2:50.27	JANE ASHER	GBR 2002	3:29.12	GRETHE BENDTSEN	DEN 2000	
1:35.57	SALLY BOLAR	USA 2004	2:57.28	LAVELLE STOINOFF	USA 2003	3:29.27	BETSY JORDAN	USA 2007	
1:35.77	HELGA REICH	GER 2003	3:00.28	HELGA REICH	GER 2006	3:29.72	LAVELLE STOINOFF	USA 2004	
1:36.68	GAIL ROPER	USA 1996	3:01.28	GAIL ROPER	USA 1999	3:31.30	PAM HUTCHINGS	AUS 2006	
1:37.88	MARCELA STASTNA	CZE 2004	3:03.86	BARBARA FENTIMAN	AUS 2004	3:32.26	NANCY BROWN	USA 2006	
1:38.33	ODETTE LUSIEN	FRA 1994	3:04.56	CLARA WALKER	USA 1996	3:34.99	MISAO MATSUMOTO	JPN 2007	
1:38.71	JAYNE BRUNER	USA 2000	3:06.75	PAM HUTCHINGS	AUS 2006	3:35.08	EVA JAROSOVA	CZE 2006	
200	M. FLY		3:06.98	JUNE KRAUSER	USA 1997	50	M. BRST		
3:29.68	HANNELORE ROSE	GER 2007	3:09.40	HISAKO SATO	JPN 2006	43.45	SHOKO YONEZAWA	JPN 2005	
3:31.05	YOSHIKO OSAKI	JPN 2005	3:10.28	JEAN TROY	USA 1999	43.98	EDITH BOEHM	GER 1999	
3:32.63	SILVANA ABREU	BRA 2006	400	M. FREE		45.53	ELIANE PELLIS	BEL 2004	
3:33.04	FLORA CONNOLLY	GBR 1998	6:05.25	JANE ASHER	GBR 2004	46.14	RUTH MULLER	GER 2006	
3:33.38	HELGA REICH	GER 2002	6:11.92	LAVELLE STOINOFF	USA 2003	46.51	A. OBERGHERN	BEL 2004	
3:36.25	JUNE KRAUSER	USA 1994	6:22.10	HELGA REICH	GER 2006	46.78	A. LEENE-RODAL	NZL 2003	
3:43.97	GAIL ROPER	USA 1995	6:33.15	CLARA WALKER	USA 1996	46.80	DIANE STOWELL	USA 2005	
3:47.12	SALLY BOLAR	USA 2004	6:33.19	JUNE KRAUSER	USA 1996	46.91	ODETTE LUSIEN	FRA 1998	
3:48.10	BETTY JANE RUSS	USA 1992	6:35.47	BARBARA FENTIMAN	GBR 2004	46.93	ERIKIA LANGE	GER 1998	
3:52.58	SYLVIA NEUHAUSER	AUT 1997	6:36.90	GAIL ROPER	USA 1999	47.37	SYLVIA EISELE	CAN 2000	
200	M. I.M.		6:40.35	HISAKO SATO	JPN 2006	100	M. BRST		
3:08.85	CHRISTEL SCHULZ	GER 2006	6:42.48	DIANE STOWELL	USA 2005	1:37.72	SHOKO YONEZAWA	JPN 2007	
			6:44.60	TAYO FUJIEDA	JPN 2007				



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1:39.15 MASAYO AZUMA	JPN 2005	7:38.56 JUDITH OLIVER	CAN 2002	27:09.75 JEAN TROY	USA 2003
1:41.04 ELIANE PELLIS	BEL 2004	7:49.98 GAIL ROPER	USA 1999	27:40.67 JUNE KRAUSER	USA 2001
1:43.86 EDITH BOEHM	GER 1999	7:52.18 NANCY BROWN	USA 2006	27:43.98 MICHIKO OKUMURA	JPN 2006
1:44.40 DIANE STOWELL	USA 2005	7:53.70 NANCY MACBETH	USA 1999	27:54.35 LIZ WALLIS	AUS 2002
1:44.91 ANN HIRSCH	USA 2001	7:57.86 URSULA FROHLICH	GER 2005	28:24.77 GAIL ROPER	USA 2005
1:45.37 TAYO FUJIEDA	JPN 2007	7:58.34 ANN HIRSCH	USA 2001	28:38.34 MARGERY MEYER	USA 1998
1:45.72 A.OBBERGHEN	BEL 2004	8:01.17 BETSY JORDAN	USA 2007	28:55.23 ANN HIRSCH	USA 2006
1:46.08 KUMIE TOKUDA	JPN 2007			28:56.44 BETTY LORENZI	USA 2003
1:46.68 I.KEUSCH-RENNER	GER 2004	*****		29:00.13 M. CUNNINGHAM	AUS 2002
200 M. BRST		WOMEN 75-79		50 M. BACK	
3:34.32 SHOKO YONEZAWA	JPN 2005	*****		43.93 JANE ASHER	GBR 2006
3:38.05 MASAYO AZUMA	JPN 2006	50 M. FREE		44.43 DORIS STEADMAN	USA 1999
3:44.86 TAYO FUJIEDA	JPN 2007	34.85 JANE ASHER	GBR 2006	45.77 GRETHE BENDTSEN	DEN 2007
3:45.28 ELIANE PELLIS	BEL 2004	36.87 GAIL ROPER	USA 2005	46.17 KERSTIN GJORES	SWE 2002
3:46.18 DIANE STOWELL	USA 2004	37.48 JEAN TROY	USA 2002	46.30 JOAN PARNELL	CAN 2004
3:49.58 SYLVIA NEUHAUSER	AUT 2002	38.28 ODETTE LUSIEN	FRA 2002	46.64 WILLIE VAN RYSEL	GBR 1991
3:49.84 ANN HIRSCH	USA 2001	38.47 KERSTIN GJORES	SWE 2002	46.98 BUNNY CEDERLUND	USA 1997
3:52.68 JUDITH OLIVER	CAN 2002	38.57 FLORENCE CARR	USA 2001	47.35 BETTY LORENZI	USA 2002
3:52.77 A.LEENE-RODAL	NZL 2003	39.06 J. DRAKE-BROCKMAN	AUS 1995	47.60 EDITH BOHM	GER 2003
3:52.95 A.OBBERGHEN	BEL 2004	39.10 OLGA JOHNSON	NZL 1996	48.11 KAZUKO KABASAWA	JPN 2007
50 M. FLY		39.57 M. CUNNINGHAM	AUS 2002	100 M. BACK	
39.77 JANE ASHER	GBR 2002	39.60 MARGERY MEYER	USA 1997	1:38.62 JANE ASHER	GBR 2006
40.78 HISAKO SATO	JPN 2005	100 M. FREE		1:38.78 DORIS STEADMAN	USA 2000
40.88 HAIKE HOELER	GER 2006	1:20.15 JANE ASHER	GBR 2006	1:41.44 GRETHE BENDTSEN	DEN 2006
41.26 GAIL ROPER	USA 2000	1:26.36 GAIL ROPER	USA 2005	1:42.69 BETTY LORENZI	USA 2002
41.31 HISAKO KITAYAMA	JPN 2007	1:28.07 JEAN TROY	USA 2002	1:42.81 JOAN PARNELL	CAN 2003
41.91 HELGA REICH	GER 2006	1:29.19 M. CUNNINGHAM	AUS 2001	1:46.70 BUNNY CEDERLUND	USA 1997
43.69 MARCELA STASTNA	CZE 2007	1:30.16 MITSUKO KOMURO	JPN 2005	1:46.94 KERSTIN GJORES	SWE 2002
43.96 MASUMI TANI	JPN 1996	1:30.35 NAN BOHL	USA 2004	1:48.59 JUDIE OLIVER	CAN 2007
44.11 JUNE KRAUSER	USA 1997	1:30.42 J.DRAKE-BROCKMAN	AUS 1996	1:48.63 KIMIKO OOKA	JPN 2004
44.38 JUDITH OLIVER	CAN 2002	1:30.58 BETTY RUSS	USA 2002	1:48.86 J. DRAKE-BROCKMAN	AUS 1995
100 M. FLY		1:31.33 FLORENCE CARR	USA 2002	200 M. BACK	
1:40.85 JUNE KRAUSER	USA 1996	1:31.48 MARGERY MEYER	USA 1997	3:34.35 JANE ASHER	GBR 2006
1:40.90 HELGA REICH	GER 2007	200 M. FREE		3:37.48 DORIS STEADMAN	USA 2000
1:42.23 HAIKE HOELER	GER 2006	2:57.61 JANE ASHER	GBR 2006	3:40.21 GRETHE BENDTSEN	DEN 2006
1:42.81 JUDITH OLIVER	CAN 2002	3:13.24 GAIL ROPER	USA 2005	3:44.55 BETTY LORENZI	USA 2002
1:44.87 MARCELA STASTNA	CZE 2007	3:17.42 JEAN TROY	USA 2003	3:49.73 JOAN PARNELL	CAN 2003
1:45.50 JANE ASHER	GBR 2001	3:19.07 MARGERY MEYER	USA 1997	3:49.80 KERSTIN GJORES	SWE 2002
1:45.61 GAIL ROPER	USA 2001	3:19.77 JUNE KRAUSER	USA 2001	3:51.75 NANCY KINNEY	USA 2004
1:46.04 HISAKO SATO	JPN 2006	3:20.46 BETTY RUSS	USA 2002	3:57.14 J.DRAKE-BROCKMAN	AUS 1996
1:48.19 SYLVIA NEUHAUSER	AUT 2000	3:22.25 MICHIKO OKUMURA	JPN 2007	3:57.56 JUNE KRAUSER	USA 2001
1:50.70 PATRICIA LIDDY	AUS 2006	3:22.38 M. CUNNINGHAM	AUS 2001	3:59.09 BEATRICE JOHNSTON	USA 1985
200 M. FLY		3:25.72 BRITT GRILLI	SWE 2003	50 M. BRST	
3:39.91 JUNE KRAUSER	USA 1996	3:27.06 BETTY LORENZI	USA 2002	47.59 EDITH BOHM	GER 2003
3:44.93 HELGA REICH	GER 2007	400 M. FREE		48.69 SYLVIA EISELE	USA 2005
3:52.01 SYLVIA NEUHAUSER	AUT 2001	6:13.20 JANE ASHER	GBR 2006	48.96 A.VAN OBBERGHEN	BEL 2007
3:54.39 JANE ASHER	GBR 2001	6:55.62 JEAN TROY	USA 2002	50.65 SATOKO SUZUKI	JPN 1999
3:58.81 GAIL ROPER	USA 2002	6:57.29 JUNE KRAUSER	USA 2001	50.74 SYLVIA NEUHAUSER	AUT 2004
4:01.61 JUDIE OLIVER	CAN 2004	7:07.55 MICHIKO OKUMURA	JPN 2006	51.47 JANE ASHER	GBR 2006
4:11.79 ANN HIRSCH	USA 2001	7:09.78 LIZ WALLIS	AUS 2002	51.68 ANN HIRSCH	USA 2006
4:13.06 SYLVIA EISELE	CAN 2000	7:11.47 GAIL ROPER	USA 2005	51.99 SAYOKO WATANABE	JPN 2002
4:14.13 NANCY BROWN	USA 2006	7:11.94 BRITT GRILLI	SWE 2004	52.06 BETTY CHRISTIAN	USA 1996
4:16.68 LOIS NOCHMAN	USA 1995	7:15.85 BETTY RUSS	USA 2002	52.29 OLGA KOKORINA	RUS 1999
200 M. I.M.		7:16.18 BETTY LORENZI	USA 2002	100 M. BRST	
2:59.25 JANE ASHER	GBR 2002	7:16.82 MARGERY MEYER	USA 1998	1:48.65 SYLVIA NEUHAUSER	AUT 2004
3:30.51 JUDITH OLIVER	CAN 2002	800 M. FREE		1:49.38 A.VAN OBBERGHEN	BEL 2007
3:32.07 SHOKO YONEZAWA	JPN 2006	12:58.94 JANE ASHER	GBR 2006	1:50.28 ANN HIRSCH	USA 2006
3:32.94 GAIL ROPER	USA 1999	14:10.50 JUNE KRAUSER	USA 2001	1:52.54 SATOKO SUZUKI	JPN 1999
3:35.13 JUNE KRAUSER	USA 1996	14:16.39 JEAN TROY	USA 2003	1:54.35 EDITH BOHM	GER 2003
3:36.77 HELGA REICH	GER 2006	14:17.45 LIZ WALLIS	AUS 2002	1:54.47 SYLVIA EISELE	CAN 2006
3:37.40 MARCELA STASTNA	CZE 2007	14:22.39 GAIL ROPER	USA 2005	1:55.37 GAIL ROPER	USA 2005
3:38.07 JUDIE OLIVER	CAN 2004	14:32.25 MARGERY MEYER	USA 1997	1:56.06 OLGA KOKORINA	RUS 1999
3:39.53 TAYO FUJIEDA	JPN 2007	14:35.61 MICHIKO OKUMURA	JPN 2006	1:57.69 JANE ASHER	GBR 2006
3:40.24 NANCY MACBETH	USA 1999	14:49.61 BRITT GRILLI	SWE 2004	1:58.61 SAYOKO WATANABE	JPN 2002
400 M. I.M.		14:51.71 DOROTHY DICKEY	AUS 2007	200 M. BRST	
7:25.26 JANE ASHER	GBR 2001	14:56.95 BETTY LORENZI	USA 2002	3:55.25 SYLVIA NEUHAUSER	AUT 2004
7:30.91 JUNE KRAUSER	USA 1996	1500 M. FREE		3:57.34 A.VAN OBBERGHEN	BEL 2007
7:35.30 HELGA REICH	GER 2006	24:41.76 JANE ASHER	GBR 2006	3:59.30 ANN HIRSCH	USA 2006



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4:07.90	JANE ASHER	GBR	2006	40.75	JEAN TROY	USA	2007	51.41	BETTY STERN	AUS	2000
4:08.40	OLGA KOKORINA	RUS	1999	41.21	OLGA JOHNSON	NZL	2001	53.14	YOKO KOBAYASHI	JPN	2006
4:10.95	JUDIE OLIVER	CAN	2007	41.31	HATSUHO SUGAYA	JPN	1994	53.66	DORIS STEADMAN	USA	2005
4:14.40	GRETHE BENDTSEN	DEN	2006	42.11	M. CUNNINGHAM	AUS	2005	53.73	UME WADA	JPN	1991
4:15.89	SYLVIA EISELE	CAN	2006	42.29	MARGERY MEYER	USA	2002	53.78	OLGA JOHNSON	NZL	2001
4:16.59	JUNE KRAUSER	USA	2001	42.98	BETTY CHRISTIAN	USA	2002	53.84	MARJORIE SHARPE	USA	1997
4:18.00	LILLY KRON	USA	2007	43.19	MIEKO KAMOSHITA	JPN	2007	54.52	BETTY CHRISTIAN	USA	2002
50 M. FLY				43.53	KERSTIN GJORES	SWE	2007	100 M. BACK			
41.99	JANE ASHER	GBR	2006	43.99	CHIE TANI	JPN	2007	1:48.64	BUNNY CEDERLUND	USA	2002
44.95	GAIL ROPER	USA	2004	100 M. FREE				1:56.96	KERSTIN GJORES	SWE	2007
45.44	ODETTE LUSIEN	FRA	2002	1:35.64	JEAN TROY	USA	2007	1:57.01	BETTY LORENZI	USA	2007
47.74	JEAN TROY	USA	2002	1:36.14	M. CUNNINGHAM	AUS	2007	2:00.16	SILVIA CRAVERI	ITA	2003
47.86	LOIS NOCHMAN	USA	1999	1:37.78	MARGERY MEYER	USA	2002	2:00.39	EDITH THEIN	ISR	1998
49.92	JUNE KRAUSER	USA	2001	1:38.17	OLGA KOKORINA	RUS	2005	2:01.67	MARJORIE SHARPE	USA	1999
51.27	M. CUNNINGHAM	AUS	2000	1:39.30	UME WADA	JPN	1991	2:01.76	G.SCHOBEL-GRASS	GER	2006
51.52	MICHIKO OKUMURA	JPN	2006	1:39.78	OLGA JOHNSON	NZL	2001	2:01.86	DORIS STEADMAN	USA	2005
51.56	SYLVIA NEUHAUSER	AUT	2004	1:40.80	FLORENCE CARR	USA	2005	2:02.20	BETTY STERN	AUS	2001
51.65	SYLVIA EISELE	CAN	2006	1:42.38	BETTY CHRISTIAN	USA	2001	2:02.42	ASAKO MANINGO	USA	2005
100 M. FLY				1:42.56	RITA SIMONTON	USA	1999	200 M. BACK			
1:47.40	JUDIE OLIVER	CAN	2007	1:42.79	ELSA DE LEEUW	CAN	2004	3:59.73	BUNNY CEDERLUND	USA	2002
1:50.12	SYLVIA NEUHAUSER	AUT	2004	200 M. FREE				4:11.82	G.SCHOBEL-GRASS	GER	2006
1:50.99	JANE ASHER	GBR	2006	3:27.26	JEAN TROY	USA	2007	4:11.83	EDITH THEIN	ISR	2000
1:54.14	GAIL ROPER	USA	2004	3:37.14	MARGERY MEYER	USA	2003	4:13.90	KERSTIN GJORES	SWE	2007
1:56.07	JUNE KRAUSER	USA	2001	3:42.80	M. CUNNINGHAM	AUS	2005	4:16.70	DORIS STEADMAN	USA	2005
1:56.65	ODETTE LUSIEN	FRA	2002	3:44.00	UME WADA	JPN	1992	4:19.47	REGAN KENNER	USA	2003
1:56.92	LOIS NOCHMAN	USA	1999	3:44.19	RITA SIMONTON	USA	1999	4:21.88	MARGERY MEYER	USA	2002
1:58.51	JEAN TROY	USA	2002	3:46.57	MARJORIE SHARPE	USA	1999	4:22.89	M.WRIGHT	AUS	1989
1:58.90	ANN HIRSCH	USA	2006	3:49.58	G. MCKENZIE-HICKS	AUS	2007	4:23.01	MIDORI KINJO	JPN	2005
2:03.90	CHIE TANI	JPN	2002	3:50.48	ELSA DE LEEUW	CAN	2004	4:27.39	SILVIA CRAVERI	ITA	2003
200 M. FLY				3:52.14	OLGA JOHNSON	NZL	2001	50 M. BRST			
4:03.55	SYLVIA NEUHAUSER	AUT	2004	3:52.69	CHIE TANI	JPN	2007	53.53	OLGA KOKORINA	RUS	2005
4:10.69	JUNE KRAUSER	USA	2001	400 M. FREE				56.34	BETTY CHRISTIAN	USA	2001
4:17.87	GAIL ROPER	USA	2004	7:24.53	JEAN TROY	USA	2007	56.57	SHIZUE TOYAMA	JPN	2004
4:19.81	LOIS NOCHMAN	USA	1999	7:30.34	MARGERY MEYER	USA	2003	56.99	MICHELE GUILLAIS	FRA	2001
4:21.39	JANE ASHER	GBR	2006	7:42.89	M. CUNNINGHAM	AUS	2005	57.80	KIMIE KANAI	JPN	2004
4:29.94	ANN HIRSCH	USA	2006	7:53.37	RITA SIMONTON	USA	1999	57.81	EMMI PAULI	GER	1993
4:38.45	SYLVIA EISELE	CAN	2004	7:56.31	MARJORIE SHARPE	USA	1997	58.63	INGEBORG FRITZE	GER	2001
4:38.68	BETTY RUSE	USA	2002	8:02.40	G. MCKENZIE-HICKS	AUS	2007	58.93	M. CUNNINGHAM	AUS	2005
4:54.79	MAXINE MERLINO	USA	1988	8:06.90	BUNNY CEDERLUND	USA	2002	59.03	SAYOKO WATANABE	JPN	2007
5:05.83	KIMIKO OOKA	JPN	2004	8:07.31	VIRGINIA KETELEER	BEL	2006	59.60	DOROTHY WESTON	GBR	1993
200 M. I.M.				8:08.66	ELSA DE LEEUW	CAN	2004	100 M. BRST			
3:38.46	JANE ASHER	GBR	2006	8:08.69	IRENE THEELEN	BEL	2006	2:01.21	OLGA KOKORINA	RUS	2005
3:48.16	JUDIE OLIVER	CAN	2007	800 M. FREE				2:09.19	EMMI PAULI	GER	1993
3:48.59	JUNE KRAUSER	USA	2001	15:12.94	JEAN TROY	USA	2007	2:10.31	KIMIE KANAI	JPN	2004
3:53.65	GRETHE BENDTSEN	DEN	2006	15:21.62	MARGERY MEYER	USA	2003	2:10.41	GERTRUD MEERWALD	GER	2000
3:56.39	SYLVIA NEUHAUSER	AUT	2004	16:05.85	RITA SIMONTON	USA	1998	2:10.96	SAYOKO WATANABE	JPN	2007
3:58.23	MICHIKO OKUMURA	JPN	2007	16:25.02	VIRGINIA KETELEER	BEL	2005	2:11.03	M. CUNNINGHAM	AUS	2005
4:00.19	ANN HIRSCH	USA	2006	16:30.46	G. MCKENZIE-HICKS	AUS	2007	2:11.63	MICHELE GUILLAIS	FRA	2001
4:01.58	MITSUKO KOMURO	JPN	2006	16:39.04	MARJORIE SHARPE	USA	1997	2:12.95	EIKO MORI	JPN	2007
4:03.80	NANCY KINNEY	USA	2004	16:53.27	GERTRUD MEERWALD	GER	2000	2:14.23	BETTY CHRISTIAN	USA	2002
4:04.43	M. CUNNINGHAM	AUS	2001	16:57.96	OLGA JOHNSON	NZL	2001	2:14.82	JOAN KIDD	GBR	2007
400 M. I.M.				17:07.77	ELSA DE LEEUW	CAN	2004	200 M. BRST			
7:39.98	JANE ASHER	GBR	2006	17:08.50	BUNNY CEDERLUND	USA	2003	4:26.18	OLGA KOKORINA	RUS	2006
7:51.71	JUNE KRAUSER	USA	2001	1500 M. FREE				4:40.09	EMMI PAULI	GER	1993
8:10.16	ANN HIRSCH	USA	2006	29:04.81	JEAN TROY	USA	2007	4:42.75	GERTRUD MEERWALD	GER	2000
8:17.70	GAIL ROPER	USA	2005	29:35.03	MARGERY MEYER	USA	2002	4:45.60	EIKO MORI	JPN	2007
8:49.94	SYLVIA EISELE	CAN	2006	30:41.01	RITA SIMONTON	USA	1999	4:46.84	HILDEGARD MESSING	GER	2000
8:51.98	MICHIKO OKUMURA	JPN	2006	32:09.15	MARJORIE SHARPE	USA	1997	4:51.40	BETTY CHRISTIAN	USA	2002
8:59.25	LOIS NOCHMAN	USA	1999	33:00.94	JEAN DURSTON	USA	1995	4:52.95	MIZZI BUTZBACH	FRG	1989
9:04.69	JEAN TROY	USA	2003	33:05.83	LOIS KIVI NOCHMAN	USA	2004	4:54.92	M. CUNNINGHAM	AUS	2005
9:11.23	MAXINE MERLINO	USA	1987	33:28.46	MARIA LENK ZIGLER	USA	1995	4:54.94	JOAN KIDD	GBR	2007
9:18.15	EVA RAUNER	GER	1994	33:59.65	UME WADA	JPN	1992	4:54.94	BARBARA VICKERS	AUS	2007
*****				34:49.74	PETEY H SMITH	USA	2004	50 M. FLY			
*****				35:02.14	BUNNY CEDERLUND	USA	2001	57.43	LOIS KIVI NOCHMAN	USA	2004
*****				50 M. BACK				57.90	YONE MURATA	JPN	2002
*****				46.39	BUNNY CEDERLUND	USA	2002	58.33	CHIE TANI	JPN	2007
50 M. FREE				49.40	MARGERY MEYER	USA	2002	58.61	M. CUNNINGHAM	AUS	2005
40.45	FLORENCE CARR	USA	2005	50.98	KERSTIN GJORES	SWE	2007	59.08	JEAN TROY	USA	2007



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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	
WOMEN 85-89		45:50.12 GERTRUD ZINT	USA 2002	1:06.40 YONE MURATA	JPN 2007
*****		50 M. BACK		1:11.58 JEAN DURSTON	USA 1999
50 M. FREE		53.44 BUNNY CEDERLUND	USA 2006	1:12.00 MARIA LENK	BRA 2000
44.70 OLGA JOHNSON	NZL 2006	56.57 BETTY CHRISTIAN	USA 2006	1:13.84 MAXINE MERLINO	USA 1997
48.76 MARGERY MEYER	USA 2007	58.42 AILEEN SOULE	USA 1991	1:15.37 JUNE REYNOLDS	USA 2007
48.95 HISAKO KOGA	JPN 2002	59.56 WILLY VAN RYSEL	GBR 2002	1:18.72 JAE HOWELL	USA 2007
49.08 RITA SIMONTON	USA 2003	59.85 NOEL MORROW	CAN 2005	1:24.61 MICHELE GUILLAIS	FRA 2006
49.43 BETTY CHRISTIAN	USA 2006	1:00.00 MASA SHIGEMITSU	JPN 2000	1:26.39 JEWEL COOKE	USA 1996
49.84 UME WADA	JPN 1996	1:01.02 EDITH THEIN	ISR 2003	1:27.40 GERTRUD ZINT	USA 2002
49.90 HATSUHO SUGAYA	JPN 1999	1:01.13 OLGA JOHNSON	NZL 2006	1:27.44 RITA SIMONTON	USA 2005
50.14 BUNNY CEDERLUND	USA 2006	1:01.37 ANNE WALKER	USA 2002	100 M. FLY	
50.93 JULIA DOLCE	USA 1994	1:01.39 PERSIS RAE	AUS 2004	2:39.43 JEAN DURSTON	USA 2000
51.18 MARJORIE SHARPE	USA 2002	100 M. BACK		2:45.28 DOROTHY WESTON	GBR 1998
100 M. FREE		2:06.41 BUNNY CEDERLUND	USA 2006	2:52.47 JAE HOWELL	USA 2007
1:47.59 OLGA JOHNSON	NZL 2006	2:10.44 EDITH THEIN	ISR 2004	2:59.53 JUNE REYNOLDS	USA 2007
1:48.02 MARGERY MEYER	USA 2007	2:12.48 WILLY VAN RYSEL	GBR 2001	2:59.55 MAXINE MERLINO	USA 1997
1:48.75 RITA SIMONTON	USA 2003	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



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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
50 M. FREE				16:43.39	RON NEUGENT	USA	1987	2:26.38	ROBERT BUTCHER	USA	1997
5:10.84	MARY MAINA	AUS	1994	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
50 M. FREE				27.09	LEONARDO GOMES	BRA	2003	25.16	NAOKI NAGURA	JPN	2006
22.79	A.WADDELL	AUS	1992	27.18	THORSTEN HERRMANN	GER	2003	25.21	JIRI MIKULA	CZE	1997
23.49	TIM EHLKES	GER	2004	27.29	ROBERT KROLL	GER	2005	25.25	ARAKEN MOREIRA	BRA	2005
23.49	V.HAVLICEK	CZE	2000	27.39	R.ARANTES	BRA	1986	25.25	A.WADDELL	AUS	1992
23.52	NAOKI NAGURA	JPN	2006	27.39	HANS BIJLEMANS	BEL	1998	25.27	FRANCIS R NASSAR	BRA	2001
23.55	HANS BIJLEMANS	BEL	1998	27.41	RAFAEL JAKUBIETZ	GER	2000	25.37	MIKE FIBBENS	GBR	1996
23.58	DANIEL SUMMERLIN	USA	1998	27.42	KEITARO KONNAI	JPN	2004	25.38	MASATERU IKEDA	JPN	1997
23.60	JERROD KAPPLER	USA	2005	27.42	ROBERT HAUCK	USA	1993	100 M. FLY			
23.61	NICK SHACKELL	USA	2000	27.46	SHINGO SEKIGUCHI	JPN	2005	55.35	HONZA VITAZKA	USA	2002
23.64	OLAF AHLERS	GER	1992	100 M. BACK				55.69	JASON EADDY	USA	2004
23.67	EDVALDO SILVA	BRA	2007	57.45	JON WINTER	NZL	1997	56.00	YUSUKE ISHIGURO	JPN	2004
100 M. FREE				58.00	JAMES CHADWICK	GBR	2004	56.11	MATT HAUPT	USA	2005
50.74	NICK SHACKELL	USA	2000	58.24	JOHN KEPPELER	USA	1992	56.31	FREDERIC TONUS	BEL	1998
51.23	EDVALDO SILVA	BRA	2007	58.92	ROBERT HAUCK	USA	1993	56.51	NAOKI NAGURA	JPN	2006
51.63	KOHEI KAWAMOTO	JPN	2005	58.97	GARETH LLEWELLYN	GBR	2004	56.57	JON WINTER	NZL	1998
51.81	TIM EHLKES	GER	2004	59.00	R.ARANTES	BRA	1986	56.65	KARNEY MCNEAR	USA	1998
51.87	SION BRINN	USA	2002	59.10	TAKUMA YAMAOKA	JPN	2006	56.76	ARAKEN MOREIRA	BRA	2005
51.92	NAOKI NAGURA	JPN	2006	59.24	KENTARO NAKAMURA	JPN	2002	56.78	V.HAVLICEK	CZE	2000
51.92	A.WADDELL	AUS	1992	59.25	THORSTEN HERRMANN	GER	2006	200 M. FLY			
51.94	SVEN GROSSE	GER	2003	59.25	RAFAEL JAKUBIETZ	GER	2000	2:04.14	KIMITAKA MINOBE	JPN	2003
51.96	ANDREW MANLEY	GBR	2003	200 M. BACK				2:05.26	PHILIPP GILGEN	SUI	2003
52.08	JOHN KEPPELER	USA	1992	2:07.57	JOHN KEPPELER	USA	1992	2:05.76	JASON EADDY	USA	2002
200 M. FREE				2:08.23	NICOLAS GRANGER	FRA	1994	2:06.53	MARCUS MATTIOLI	ITA	1988
1:51.00	JOHN KEPPELER	USA	1996	2:08.59	HIROSHI NISHIMURA	JPN	2001	2:07.14	HONZA VITAZKA	USA	2002
1:52.19	JOE TRISTAN	USA	2000	2:08.65	ROBERT HAUCK	USA	1993	2:07.54	MATT HAUPT	USA	2005
1:53.16	CHRISTIAN HEIN	GER	2007	2:09.13	JEROME FAROUZE	FRA	2003	2:07.56	KARNEY MCNEAR	USA	1998
1:53.68	EDVALDO SILVA	BRA	2007	2:09.19	DARRYL FOLLOWS	NZL	1993	2:07.85	LOIC LEROY	FRA	2006
1:53.76	MICHAEL KIEDEL	USA	2000	2:10.30	SHINYA HAYASHI	JPN	2005	2:08.18	ROBERT BAYER	GER	2001
1:53.86	STEVEN MELLOR	GBR	2001	2:10.47	TAKUMA YAMAOKA	JPN	2005	2:08.21	MARCIO MENEZES	BRA	2006
1:54.68	BART REYMER	BEL	1998	2:10.87	CHRISTIAN HEIN	GER	2007	200 M. I.M.			
1:54.87	NEIL TAIT	GBR	1996	2:11.52	JAY YARID	USA	1992	2:06.33	HONZA VITAZKA	USA	2002
1:55.91	JENS KUHLMANN	GER	2007	50 M. BRST				2:07.00	NICOLAS GRANGER	FRA	1994
1:56.00	ANDREW MANLEY	GBR	2003	28.63	CHRISTOPHER JONES	GBR	2007	2:09.21	CAMERON REID	USA	1987
400 M. FREE				28.68	JAMES PARRACK	GBR	1996	2:10.44	KAZUYA KUROSU	JPN	2003
4:00.98	HONZA VITAZKA	USA	2002	28.96	MITSUHIRO MARU	JPN	2007	2:10.50	MATTHEW CHAPPEL	GBR	2004
4:01.70	STEVE MELLOR	GBR	2001	28.98	SETH VAN NEERDEN	USA	1997	2:10.70	CHRISTOPHER JONES	GBR	2007
4:02.95	BART REYMER	BEL	1998	29.14	CHRIS STEWART	RSA	2006	2:10.70	ROLAND LEE	GBR	1992
4:03.63	ALEX KOSTICH	USA	1997	29.30	BASTIAN KAMPMANN	GER	2003	2:11.08	AURELIEN COQ	FRA	2005
4:05.99	CHIP HOBSON	USA	1994	29.37	ROBERT BUTCHER	USA	1997	2:13.11	RENATO RAMALHO	BRA	1996
4:06.99	MARCUS MATTIOLI	ITA	1988	29.38	NAOKI NAGURA	JPN	2007	2:13.28	ANDREW MANLEY	GBR	2003
4:07.72	ROLAND LEE	GBR	1992	29.39	TONY REZEK	USA	1999	400 M. I.M.			
4:07.73	CAMERON REID	USA	1987	29.52	JEFF COMMINGS	USA	2003	4:31.47	NICOLAS GRANGER	FRA	1994
4:10.15	BERT VAN POUCKE	BEL	1994	100 M. BRST				4:32.19	HONZA VITAZKA	USA	2002
4:10.62	JEFFREY UTSCH	USA	1995	1:02.65	CHRISTOPHER JONES	GBR	2007	4:32.45	DIRK ZINNOW	GER	2000



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



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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 EKKELBOOM	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	HENRY 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	YOSHITO 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 STILING	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 STILING	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 EKKELBOOM	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	JEFFREY UTSC	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	JEFFREY UTSC	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	2:32.17	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				



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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				M E N 50-54			
9:14.77	JIM CALLAHAN	USA	2002	2:31.42	DAVID GUTHRIE	USA	2006	*****			
1500 M. FREE				2:33.74	THOMAS LIGL	GER	2006	50 M. FREE			
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 SCHAFFER	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				
1500 M.	FREE			2:35.08	LORENZO MARUGO	ITA	2004				
17:08.33	JIM MCCONICA	USA	2000	2:39.08	RICK COLELLA	USA	2001				
17:40.70	MARK DRENNEN	USA	2006	2:40.57	ROBERT STRAND	USA	1996	50 M.	FREE		
17:52.24	LORENZO MARUGO	ITA	2004	2:40.80	WOLFGANG PIRL	GER	2007	25.53	RICHARD ABRAHAMS	USA	2002
18:00.54	FRANCIS CHRISTIAN	AUS	2007	2:42.74	SPENCER ELDRED	USA	2006	25.74	PAUL TREVISAN	USA	2006
18:04.63	R TOD SPIEKER	USA	1998	2:42.88	RONNY OLTNER	SWE	2006	25.99	LEONARD BIELICZ	SWE	2007
18:13.47	JIM CLEMMONS	USA	2002	2:43.15	DAVID WHITE	USA	2006	26.04	TERRY DOWNES	RSA	2004
18:15.68	LARRY KRAUSER	USA	2005	2:44.23	BARRY O'BRIEN	GBR	2007	26.11	STEVE BOROWSKI	USA	2002
18:16.92	JOHN HUGHES	USA	2005	2:44.60	TIMOTHY SHEAD	USA	2002	26.15	TOM GEIMAN	USA	2004
18:40.09	STEVEN PRESCOTT	NZL	2004	50 M.	FLY			26.27	THOMAS WHATLEY	USA	2006
18:41.11	J.CLAUDE CHATARD	FRA	2005	26.23	TRIP HEDRICK	USA	2004	26.29	GREG SHAW	USA	2006
50 M.	BACK			27.12	JOHN FIELDS	USA	2007	26.33	STEVE CLARK	USA	1998
29.81	TOM WOLF	USA	2004	27.13	RICHARD ABRAHAMS	USA	1998	26.57	KEEFE LODWIG	USA	1998
29.95	JOHN VAN BUUREN	CAN	2004	27.30	SAM FRANKLIN	USA	2007	100 M.	FREE		
30.16	ANDRE STEYNBERG	RSA	2006	27.30	GREG SHAW	USA	2005	57.85	ALEXANDER MILLS	NOR	2006
30.36	CASEY CLAFLIN	USA	2003	27.39	JOHN VAN BUUREN	CAN	2004	58.07	PAUL TREVISAN	USA	2006
30.63	HUGH WILDER	USA	1997	27.50	RICK ABBOTT	USA	2006	58.23	RICHARD ABRAHAMS	USA	2002
30.64	V.GALAVTINE	RUS	2003	27.56	PHILIPPE MORELLE	BEL	2007	58.41	TIMOTHY GARTON	USA	1998
30.73	ALBERT BOONSTRA	NED	2007	27.64	DAVID HAGUE	USA	2004	58.43	TERRY DOWNES	RSA	2004
30.82	RICK ABBOTT	USA	2006	27.69	GARY SCHATZ	USA	2005	58.43	TOM GEIMAN	USA	2004
30.93	JOHN SMITH	USA	1988	27.69	STEVE BOROWSKI	USA	1998	58.52	KEEFE LODWIG	USA	1998
30.95	JEFFREY PEROUT	USA	2003	100 M.	FLY			58.61	GREG SHAW	USA	2006
100 M.	BACK			59.49	TRIP HEDRICK	USA	2004	58.68	LEONARD BIELICZ	SWE	2006
1:04.83	TOM WOLF	USA	2004	1:01.43	JOHN VAN BUUREN	CAN	2004	58.99	STEVE BOROWSKI	USA	2002
1:06.28	DAN STEPHENSON	USA	2007	1:01.79	GREG SHAW	USA	2003	200 M.	FREE		
1:06.36	V.GALAVTINE	RUS	2003	1:01.93	JOHN MCCALL	USA	2003	2:08.03	JIM MC CONICA	USA	2005
1:06.43	ROBERT SUPPLE	USA	2006	1:01.94	LAWRENCE DAY	USA	2001	2:10.11	ALEXANDER MILLS	NOR	2006
1:06.52	WIESLAW MUSIAL	CAN	2007	1:02.04	SCOTT LAUTMAN	USA	2004	2:10.90	TERRY DOWNES	RSA	2004
1:06.83	JONATHAN KLEIN	USA	2007	1:02.25	RICHARD ABRAHAMS	USA	1998	2:11.66	R TOD SPIEKER	USA	2003
1:06.91	JOHN VAN BUUREN	CAN	2004	1:02.73	V.GALAVTINE	RUS	2003	2:11.99	TYRONE TOZER	RSA	2005
1:07.03	JEFFREY LUKENS	USA	2006	1:02.81	FRED SCHLICHER	USA	1998	2:12.46	J.CHATARD	FRA	2006
1:07.09	RICK ABBOTT	USA	2006	1:02.90	STEVEN WALL	GBR	2006	2:12.76	GRAHAM CROFT	AUS	2003
1:07.16	HUGH WILDER	USA	1997	200 M.	FLY			2:13.64	SVEN VON HOLST	SWE	2004
200 M.	BACK			2:21.40	SCOTT LAUTMAN	USA	2004	2:13.76	GEORGE WATSON	USA	2002
2:20.51	TOM WOLF	USA	2004	2:22.29	LAWRENCE DAY	USA	2001	2:14.17	BILL DEVENISH	AUS	2006
2:23.15	WIESLAW MUSIAL	CAN	2007	2:25.14	JIM MC CONICA	USA	2001	400 M.	FREE		
2:25.70	JIM MCCONICA	USA	2000	2:26.11	DAVE TANNER	USA	2000	4:25.34	JIM MC CONICA	USA	2005
2:26.54	RICK STRINGER	USA	2000	2:26.17	BOO GRANER-GALLAS	USA	1997	4:37.94	J.CHATARD	FRA	2006
2:27.01	R TOD SPIEKER	USA	1998	2:26.34	FRED SCHLICHER	USA	1998	4:38.81	R TOD SPIEKER	USA	2003
2:27.16	FRED FERROGGIARO	USA	2005	2:26.64	MATTHEW KANZLER	USA	2007	4:41.12	GEORGE WATSON	USA	2002
2:27.45	PAUL FETTERS	USA	2003	2:27.03	RICK COLELLA	USA	2001	4:46.13	TODD BRYAN	USA	2006
2:27.85	GARY SCHATZ	USA	2006	2:27.42	FRANCIS CHRISTIAN	AUS	2007	4:46.85	RON ARMSTRONG	CAN	2006
2:28.35	BOB BUGG	USA	2007	2:27.97	PATRICK BERGER	FRA	2006	4:46.92	TIM BIRNIE	USA	2000
2:28.69	JEFFREY LUKENS	USA	2006	200 M.	I.M.			4:46.95	DUNCAN MCCREADIE	GBR	2001
50 M.	BRST			2:23.06	LORENZO MARUGO	ITA	2004	4:47.89	JOHN CALVERT	USA	2001
31.37	DOUG MALCOLM	USA	2007	2:23.45	RICK COLELLA	USA	2001	4:47.94	JIM CLEMMONS	USA	2005
31.96	RONNY OLTNER	SWE	2007	2:23.86	JACK GROSELLE	USA	2005	800 M.	FREE		
32.16	ROBERT STRAND	USA	1998	2:23.88	TOM WOLF	USA	2004	9:06.86	JIM MCCONICA	USA	2006
32.20	JACK GROSELLE	USA	2004	2:24.90	MICHAEL MANN	USA	2006	9:35.87	TODD BRYAN	USA	2006
32.42	TIMUR PODMAREV	RUS	2007	2:25.77	JIM MCCONICA	USA	2000	9:37.49	J.CHATARD	FRA	2006
								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 GALLETTY	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.UITENBOGAART	NED	2002	200 M. BRST							
10:03.22	SANDY GALLETTY	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	25.23	RICHARD ABRAHAMS	USA	2006
18:35.85	J.CHATARD	FRA	2006	2:50.27	TIM SHEAD	RSA	2007	26.70	JEFF FARRELL	USA	1998
18:45.20	RICK WALKER	USA	2005	2:50.44	WILLIAM GONZALEZ	USA	1997	26.94	JAMES ELDER	USA	2006
18:57.38	R TOD SPIEKER	USA	2004	2:50.48	JIM CLEMMONS	USA	2006	27.02	JAMES DE LACY	USA	2006
19:11.76	SANDY GALLETTY	GBR	1998	2:51.10	GERSHON SHEFA	ISR	2001	27.38	VINUS VAN BAALAN	USA	2006
19:16.02	GEORGE WENDT	USA	2003	2:51.25	TAKEO HIRAMOTO	JPN	2006	27.60	DAVID QUIGGIN	USA	2004
19:16.10	VITTORIO ERMIRIO	ITA	2001	2:52.11	ALLEN STARK	USA	2006	27.62	ROBERT SMITH	USA	2003
19:20.84	D.UIJTENBOGAART	NED	2002	2:52.66	BOB HATHERLY	RSA	2006	27.63	KEEFE LODWIG	USA	2003
19:26.64	LORENZO MARUGO	ITA	2007	50 M. FLY				27.66	MASAMI TATEISHI	JPN	2000
19:27.48	BILL DARBY	USA	2002	27.08	GREG SHAW	USA	2007	27.68	PETER ANDERSEN	USA	2003
50 M. BACK				27.43	RICHARD ABRAHAMS	USA	2002	100 M. FREE			
30.37	GARY HALL	USA	2006	27.80	STEVE BOROWSKI	USA	2003	58.61	RICHARD ABRAHAMS	USA	2005
30.78	HUGH WILDER	USA	2004	28.22	KEEFE LODWIG	USA	1998	59.66	JAMES DE LACY	USA	2006
31.10	KIERAN KELLEHER	ITA	2003	28.24	LEONARD BIELICZ	SWE	2007	1:00.11	JEFF FARRELL	USA	1998
31.22	RICHARD BOBER	USA	2006	28.29	GARY HALL	USA	2006	1:00.27	DAVID QUIGGIN	USA	2004
31.52	ROBERT SMITH	USA	1998	28.62	ALEXANDER MILLS	NOR	2006	1:01.25	KEEFE LODWIG	USA	2003
31.71	TIM BIRNIE	USA	2000	28.64	JOEL BURNS	USA	2003	1:02.08	ALAN BROWN	AUS	2006
31.84	GREG SHAW	USA	2007	28.68	DON MEHL	USA	2006	1:02.45	TONY STRAHAN	AUS	2002
31.94	TOM GEIMAN	USA	2004	28.68	BERND SCHRODER	GER	1999	1:02.53	CHRIS DUNN	GBR	2006
31.96	TAKEO HIRAMOTO	JPN	2007	100 M. FLY				1:02.67	CAV CAVANAUGH	USA	1999
31.98	CHARLES WOLFF	USA	2006	1:01.05	GREG SHAW	USA	2006	1:02.80	DONALD HILL	USA	1992
100 M. BACK				1:03.24	LEONARD BIELICZ	SWE	2006	200 M. FREE			
1:06.16	GARY HALL	USA	2006	1:03.90	RICHARD ABRAHAMS	USA	2000	2:13.32	JAMES DE LACY	USA	2006
1:07.81	HUGH WILDER	USA	2002	1:04.15	STEVE BOROWSKI	USA	2003	2:15.35	DUNCAN MCCREADIE	FRA	2006
1:08.55	RICHARD BOBER	USA	2006	1:05.16	SHIGEO ASANO	JPN	2004	2:17.43	TOM LANDIS	USA	2002
1:09.27	TIM BIRNIE	USA	2000	1:05.34	SCOTT LAUTMAN	USA	2007	2:18.52	RICHARD ABRAHAMS	USA	2006
1:09.48	JIM ADAMS	IRL	2007	1:05.58	ROBERT POILETMAN	USA	2002	2:18.60	JOHN CALVERT	USA	2006
1:09.76	TIM SHEAD	RSA	2007	1:06.31	BERND SCHRODER	GER	1999	2:18.68	CHRIS DUNN	GBR	2006
1:10.30	MARK PUGLIESE	USA	2007	1:06.38	JOEL BURNS	USA	2001	2:18.84	TIM BIRNIE	USA	2006
1:10.30	RICHARD BURNS	USA	2001	1:06.57	TIM SHEAD	RSA	2007	2:20.54	JEFF FARRELL	USA	1998
1:10.38	JIM MCCONICA	USA	2006	200 M. FLY				2:20.80	VITTORIO ERMIRIO	ITA	2002
1:10.51	CHARLES WOLFF	USA	2006	2:25.35	GREG SHAW	USA	2006	2:20.97	JACK GEOGHEGAN	USA	2002
200 M. BACK				2:28.62	JIM MC CONICA	USA	2006	400 M. FREE			
2:25.89	JIM MC CONICA	USA	2005	2:32.29	TAKEO HIRAMOTO	JPN	2005	4:51.23	DUNCAN MCCREADIE	GBR	2005
2:30.26	JIM ADAMS	IRL	2007	2:33.32	ROBERT POILETMAN	USA	2002	4:54.79	CHRIS DUNN	GBR	2006
2:30.82	R TOD SPIEKER	USA	2003	2:33.77	SCOTT LAUTMAN	USA	2007	4:57.03	SANDY GALLETTY	GBR	2002
2:30.84	TIM BIRNIE	USA	2000	2:34.90	PETER GILMOUR	AUS	1997	4:58.59	VITTORIO ERMIRIO	ITA	2002
2:32.93	JOHN CALVERT	USA	2000	2:35.12	FRED SCHLICHER	USA	2007	4:59.08	JOHN CALVERT	USA	2006
2:33.29	TIM SHEAD	RSA	2007	2:37.23	DAVE TANNER	USA	2006	4:59.09	FABRIZIO MOMONI	ITA	2001
2:34.85	RICHARD BOBER	USA	2006	2:37.59	SHIGEO ASANO	JPN	2004	5:00.66	MOSHE GERTEL	ISR	2006
2:36.14	ALEX SHESTAKOV	USA	2006	2:37.86	JOHN KEYTER	RSA	2006	5:01.83	JACK GEOGHEGAN	USA	2002
2:36.23	TERRY DOWNES	RSA	2004	200 M. I.M.				5:04.16	TOM LANDIS	USA	2002
2:37.14	RICHARD BURNS	USA	1999	2:27.60	GREG SHAW	USA	2006	5:04.45	DRURY GALLAGHER	USA	1999
50 M. BRST				2:27.92	ALEXANDER MILLS	NOR	2006	800 M. FREE			
33.03	ALEXANDER MILLS	NOR	2006	2:28.70	TIM SHEAD	RSA	2007	10:02.40	DUNCAN MCCREADIE	GBR	2005
33.03	HIROSHI KOTEGAWA	JPN	1993	2:29.02	JIM MCCONICA	USA	2005	10:06.75	SANDY GALLETTY	GBR	2002
33.32	ROBERT STRAND	USA	2002	2:29.37	ROBERT WEYHENKE	NED	2007	10:09.12	JOHN CALVERT	USA	2006
33.37	DONALD MCKENZIE	USA	2002	2:30.33	JOHN CALVERT	USA	2000	10:16.84	JAMES MCCLEERY	USA	2006
33.44	TIM SHEAD	RSA	2007	2:32.07	RONALD ARMSTRONG	CAN	2006	10:24.91	D.UIJTENBOGAART	NED	2007
33.75	PETER ANDERSEN	USA	1999	2:32.96	TIMOTHY GARTON	USA	1998	10:26.97	FABRIZIO MOMONI	ITA	2001
33.82	STUART ELLICOTT	AUS	2007	2:33.23	JIM CLEMMONS	USA	2005	10:29.35	TOM LANDIS	USA	2002
33.94	TONY CAWOOD	RSA	2007	2:33.27	LONNY HARRISON	USA	2003	10:29.40	DRURY GALLAGHER	USA	1999
34.20	JOHN KORTHEUER	USA	1988	400 M. I.M.				10:29.47	EDWARD CAZALET	USA	2002
34.28	YOSHIHIKO OSAKI	JPN	1996	5:17.10	JIM MC CONICA	USA	2005	10:30.69	CHRIS DUNN	GBR	2007
100 M. BRST				5:26.63	JOHN CALVERT	USA	2000	1500 M. FREE			
1:14.67	TIM SHEAD	RSA	2007	5:27.57	RONALD ARMSTRONG	CAN	2006	19:25.68	SANDY GALLETTY	GBR	2002
1:14.80	ROBERT STRAND	USA	2001	5:30.81	JIM CLEMMONS	USA	2005	19:26.67	DUNCAN MCCREADIE	GBR	2005
1:15.81	DONALD MCKENZIE	USA	2002	5:32.64	ALEX SHESTAKOV	USA	2006	19:40.20	VITTORIO ERMIRIO	ITA	2002
1:17.08	ALLEN STARK	USA	2006	5:35.26	TIM SHEAD	RSA	2007	20:04.60	D.UIJTENBOGAART	NED	2007
1:17.16	JIM CLEMMONS	USA	2005	5:36.39	WILLIAM GONZALEZ	USA	1997	20:04.73	GRAHAM JOHNSTON	USA	1995
1:17.18	BOB HATHERLY	RSA	2007	5:36.72	TAKEO HIRAMOTO	JPN	2006	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 GEOGHEGAN	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 HOFEL	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 HOFEL	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			M E N 65-69				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	2:51.07	BARRY YOUNG	NZL	2004	2:37.00	WILLIAM PHILLIPS	USA	1998
200 M. BACK				2:56.00	GUNTER SCHOPKE	GER	2005	400 M. FREE			
2:41.82	BERND HORSTMANN	GER	2007	2:57.05	RICHARD KITCHELL	USA	2005	5:12.05	GRAHAM JOHNSTON	USA	2001
2:50.44	MIKLOS KOVATS	HUN	2005	3:01.69	KOJI IWAMOTO	JPN	2007	5:18.48	DAVID RADCLIFF	USA	2006
2:51.11	RICHARD TODD	USA	2007	3:01.71	TAISUKE MIYAZAKI	JPN	2004	5:24.85	JOHN CRISP	AUS	2006
2:51.19	S.SEKIKAWA	JPN	1998	3:03.05	DAVID MCLACHLAN	RSA	2002	5:25.70	WERNER SCHNABEL	GER	2006
2:52.34	LUIZ FIGUEIREDO	BRA	2006	3:05.49	DAVID CUMMING	GBR	2003	5:28.64	BURWELL JONES	USA	2005
2:53.42	BOB BARRY	AUS	1996	3:05.89	LUIS R. SIMI	BRA	2002	5:29.24	CAV CAVANAUGH	USA	2005
2:54.10	TEGZE HARASZTI	USA	2006	3:08.79	JOSEPH KURTZMAN	USA	1991	5:31.53	DAVID HARRISON	USA	2007
2:55.46	ROGER FRANKS	USA	1992	3:10.61	CHARLES MOSS	USA	1994	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	YOSHIKI 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				M E N 70-74				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	YOSHIKI 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 REICHELT	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



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

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



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



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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
M E N 90-94			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
50 M. FREE			54.07	TOSHIJI SATO	JPN 2005	1:21.55	JOHN HARRISON	GBR 2004
39.19	WOODY BOWERSOCK	USA 2003	54.41	MASAHISA KANEKO	JPN 2003	1:23.87	JESSE COON	USA 2000
43.03	TOKUSHI KOMEDA	JPN 2004	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



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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		