



FINA WORLD MASTERS TOP 10 - LONG COURSE METERS - ALL TIME (1986-2014)

*****			17:41.64	LINDA GALLO	USA	2004	2:42.55	CAMILLE MARCHAND	FRA	2013
WOMEN 25-29			17:50.23	AMY LEPPING	USA	1987	2:42.62	ERZSEBET EVA NAGY	HUN	2014
*****			17:54.78	HITOMI MATSUDA	JPN	2005	2:43.06	CLAIRE DESDOIT	FRA	2010
50	M. FREE		50	M. BACK			50	M. FLY		
25.42	ANNABEL KOSTEN	NED	28.99	YURIE OGA	JPN	2014	27.63	MOTOMI NAKAMURA	JPN	2013
26.16	TATIANA BARBOSA	BRA	29.60	MAI NAKAMURA	JPN	2008	27.90	LINDA LUND TIETZE	DEN	2010
26.20	ALISON SHEPPARD	GBR	30.27	IRYNA BOLSHAKOVA	UKR	2011	28.09	MARJA PARSSINEN	FIN	1997
26.38	RIENEKE TERINK	NED	30.27	ELENA PYATOVA	RUS	2008	28.14	YUKO NAKANISHI	JPN	2010
26.56	MOTOMI NAKAMURA	JPN	30.43	AKIKO MIZUMOTO	JPN	2008	28.19	C. MARGRISON	AUS	2012
26.61	SANDRA KAZIKOVA	CZE	30.51	SVETLANA KARPEEVA	RUS	2012	28.19	JENNIFER BROOKS	USA	2003
26.68	SARA SHAND	USA	30.52	NAHOMI ERIGUCHI	JPN	2004	28.24	MABI TSUKIOKA	JPN	2008
26.74	IRINA SHLEMOVA	RUS	30.73	KAORU ONO	JPN	1998	28.26	MELANIE SALDUCCI	FRA	2013
26.77	C. MARGRISON	AUS	30.74	TAKAMI IGARASHI	JPN	2010	28.29	MEGAN JENDRICK	USA	2010
26.81	SUVI PULKKINEN	FIN	30.80	DIANE GRANER	USA	1989	28.30	C.SIEVERT	GER	2000
100	M. FREE		100	M. BACK			100	M. FLY		
56.87	TATIANA BARBOSA	BRA	1:03.26	YURIE OGA	JPN	2014	1:01.04	RACHEL KOMISARZ	USA	2001
57.71	AIMEE RAMM	GBR	1:04.82	AKIKO MIZUMOTO	JPN	2007	1:02.10	B.STUDZINSKI	GER	2014
57.76	SHEILA TAORMINA	USA	1:04.88	KANA OHASHI	JPN	2007	1:02.73	YUKO NAKANISHI	JPN	2010
58.22	ALISON SHEPPARD	GBR	1:05.02	ALISON SHEPPARD	GBR	1998	1:03.18	SHELLY JOHNSTON	USA	2006
58.23	SARA SHAND	USA	1:05.78	ELENA PYATOVA	RUS	2008	1:03.29	HITOMI MATSUDA	JPN	2006
58.59	HITOMI MATSUDA	JPN	1:06.13	KAORU ONO	JPN	1998	1:03.43	SAYO TSUCHIYA	JPN	2014
58.65	SVETLANA KARPEEVA	RUS	1:06.37	LIA OBERSTAR	USA	2004	1:03.47	MAYU MURAKAMI	JPN	2008
58.65	CAROLINE KILIAN	USA	1:06.44	KELLY HARRIGAN	USA	2011	1:03.63	EMILY MILAK	USA	2011
58.66	HITOMI NAKAYAMA	JPN	1:06.46	MONIQUE RODAHL	NZL	1989	1:03.67	SHEILA TAORMINA	USA	1995
58.72	MONICA BENVENUTI	ITA	1:06.50	CARLA STAMPFLI	SUI	2013	1:03.89	JENNIFER BROOKS	USA	2003
200	M. FREE		200	M. BACK			200	M. FLY		
2:02.06	SHEILA TAORMINA	USA	2:17.30	KANA OHASHI	JPN	2007	2:16.82	KIM VAN KRUYSEN	BEL	2000
2:02.44	RACHEL KOMISARZ	USA	2:17.56	SOPHIE CASSON	GBR	2011	2:17.51	SHEILA TAORMINA	USA	1996
2:04.56	MEGAN JENDRICK	USA	2:19.97	DIANE GRANER	USA	1989	2:17.56	YUKO NAKANISHI	JPN	2010
2:05.79	CAROLINE SAXBY	GBR	2:20.76	MONIQUE RODAHL	NZL	1989	2:18.69	S.PALMERWHITE	AUS	1992
2:06.37	KIM VAN KRUYSEN	BEL	2:20.88	ALISON SHEPPARD	GBR	1998	2:18.80	CHIZUKO UMIGUCHI	JPN	1997
2:06.40	NADINE REICHERT	GER	2:22.41	LIA OBERSTAR	USA	2004	2:20.72	HELEN SLATTER	GBR	1996
2:06.81	HITOMI MATSUDA	JPN	2:24.15	PAMELA HANSON	USA	2005	2:21.27	HITOMI MATSUDA	JPN	2006
2:07.08	SOPHIE CASSON	GBR	2:24.90	MARIANGEL HIDALGO	CRC	2014	2:21.57	JENNY WACHSMUTH	GER	2014
2:07.11	SARA L SHAND	USA	2:25.78	F.ALVARENGA	BRA	2012	2:22.10	ERIKO KATO	JPN	2009
2:07.14	SHARRON DAVIES	GBR	2:25.98	J.ADAMS	GBR	1987	2:22.39	PRISCILLA MODROV	USA	2013
400	M. FREE		50	M. BRST			200	M. I.M.		
4:13.03	SHEILA TAORMINA	USA	31.60	MEGAN JENDRICK	USA	2010	2:19.65	MARGOT JANDEL	GER	2003
4:16.31	RACHEL KOMISARZ	USA	32.01	S.SEMINATORE	ITA	1989	2:20.71	HITOMI MATSUDA	JPN	2005
4:18.62	SOPHIE CASSON	GBR	32.65	NICOLE HEIDEMANN	GER	2009	2:21.84	SVETLANA KARPEEVA	RUS	2012
4:21.89	SWANN OBERSON	GER	32.75	YOSHIMI MIWA	JPN	2012	2:21.98	ALLISON WAGNER	USA	2005
4:23.81	NADINE REICHERT	GER	32.79	MANUELA NACKEL	GER	2000	2:22.00	SHARRON DAVIES	GBR	1990
4:24.11	SILVIA VIDA	GER	32.83	SONJA SCHOBER	GER	2012	2:22.57	B.STUDZINSKI	GER	2014
4:26.63	KIM VAN KRUYSEN	BEL	33.35	ANN GREVERS	USA	2014	2:22.89	MONIQUE RODAHL	NZL	1989
4:27.53	SARA L SHAND	USA	33.39	MARIE BALLENGER	USA	2014	2:22.92	BRITTA O'LEARY	USA	2013
4:28.30	HITOMI MATSUDA	JPN	33.54	SILKE HORNER	GER	1994	2:23.76	ALISON SHEPPARD	GBR	1998
4:29.96	JENNY WACHSMUTH	GER	33.55	SUVI PULKKINEN	FIN	2014	2:24.65	MARION BLANCHARD	FRA	2012
800	M. FREE		100	M. BRST			400	M. I.M.		
8:45.89	SWANN OBERSON	GER	1:10.56	MEGAN JENDRICK	USA	2010	5:02.78	HITOMI MATSUDA	JPN	2006
8:47.44	RACHEL KOMISARZ	USA	1:12.09	BRIGITTE BECUE	BEL	2000	5:05.29	SHARRON DAVIES	GBR	1990
8:51.48	NADINE REICHERT	GER	1:12.37	NICOLE HEIDEMANN	GER	2011	5:06.34	SARA L SHAND	USA	1989
8:52.65	SOPHIE CASSON	GBR	1:12.65	HITOMI MATSUDA	JPN	2006	5:07.04	MARIANGEL HIDALGO	CRC	2014
8:53.93	K.BISHOP	AUS	1:13.15	MANUELA NACKEL	GER	1999	5:08.31	ADRIENNE BROWN	USA	2013
9:15.29	PAULA WOOD	GBR	1:13.19	KATIE HENDERSON	GBR	2009	5:08.47	JENNY WACHSMUTH	GER	2014
9:17.09	MARIT BLOMER	GER	1:13.30	BRITTA O'LEARY	USA	2012	5:08.54	ERIKO KATO	JPN	2009
9:17.97	JENNY WACHSMUTH	GER	1:13.56	ULRIKE GERNER	GER	2012	5:10.54	CRISTINA TEUSCHER	GBR	2004
9:18.43	SARA L SHAND	USA	1:13.80	SUSANNE HOCK	GER	2012	5:11.02	S.PALMERWHITE	AUS	1992
9:18.74	MARY HOLMES	USA	1:14.43	ANA GONZALES	ESP	2014	5:11.68	ALLISON WAGNER	USA	2005
1500	M. FREE		200	M. BRST			*****			
16:34.89	SWANN OBERSON	GER	2:35.46	HITOMI MATSUDA	JPN	2006	WOMEN 30-34			
16:39.77	RACHEL KOMISARZ	USA	2:35.82	NICOLE HEIDEMANN	GER	2009	*****			
16:53.78	SOPHIE CASSON	GBR	2:37.68	ULRIKE GERNER	GER	2012	50	M. FREE		
17:26.88	PAULA WOOD	GBR	2:37.68	KATIE HENDERSON	GBR	2009	25.74	MARTINA MORAVCOVA	USA	2009
17:27.96	SHEILA TAORMINA	USA	2:38.22	KATJA BRASCHOSS	GER	2006	25.99	TONI JEFFS	NZL	2002
17:38.09	S. PALMER-WHITE	AUS	2:39.40	BRITTA O'LEARY	USA	2012	26.18	KATRINA RADKE	USA	2004
17:38.78	AMY POPE	USA	2:42.02	SHARRON DAVIES	GBR	1990				



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26.25	ANGEL MARTINO	USA	2000	29.84	KATY SEXTON	GBR	2013	28.25	RUTH JONES	USA	2013
26.37	S.NEILSON-BELL	USA	1988	30.32	KANA YAMAGUCHI	JPN	2011	28.38	MABI TSUKIOKA	JPN	2009
26.38	PEGGY GROSS	USA	2002	30.45	NADINE ROLLAND	CAN	2008	28.66	PAULINE GOUWENS	NED	2014
26.46	KATJA OTTO	GER	2014	30.65	IVANA GABRILO	SUI	2014	28.72	E.BELLINGER	GBR	2008
26.47	RUTH JONES	USA	2013	30.82	NAHOMI SHIRATA	JPN	2006	28.74	LINDSEY URBATCHKA	USA	2013
26.59	PASCALE VERBAUWEN	BEL	1993	30.94	DIANE GALLAS	USA	1996	100 M. FLY			
26.72	NORIKO INADA	USA	2012	100 M. BACK				58.81	MARTINA MORAVCOVA	USA	2008
100 M. FREE				1:01.78	NORIKO INADA	USA	2011	1:00.03	ANGEL MARTINO	USA	2000
55.24	ERIKA ERNDL	USA	2009	1:03.30	KATY SEXTON	GBR	2012	1:01.19	L. CARVALHO	AUS	2010
55.62	MARTINA MORAVCOVA	USA	2008	1:03.78	SARABETH METZGER	USA	2009	1:01.79	HITOMI MATSUDA	JPN	2009
57.09	ANGEL MARTINO	USA	2000	1:04.40	KANA OHASHI	JPN	2009	1:03.93	TRACIE MOLL	USA	1998
58.01	PASCALE VERBAUWEN	BEL	1993	1:04.97	KELLY HARRIGAN	USA	2014	1:04.08	LAURA BIANZANI	ITA	2004
58.09	SANDY NEILSON	USA	1988	1:05.42	DIANE GALLAS	USA	1996	1:04.43	KARLYN PIPES	USA	1996
58.20	HITOMI MATSUDA	JPN	2010	1:05.45	KANA YAMAGUCHI	JPN	2010	1:04.51	NADINE ROLLAND	CAN	2005
58.25	KATJA OTTO	GER	2014	1:05.54	KARLYN PIPES	USA	1996	1:04.67	SARABETH METZGER	USA	2009
58.30	KATY SEXTON	GBR	2012	1:06.63	KATIE BIRCHALL	GBR	2012	1:04.80	PASCALE VERBAUWEN	BEL	1996
58.37	RUTH JONES	USA	2013	1:06.76	IVANA GABRILO	SUI	2014	200 M. FLY			
58.38	TRACIE MOLL	USA	1998	200 M. BACK				2:13.60	METTE JACOBSEN	DEN	2006
200 M. FREE				2:17.61	SARABETH METZGER	USA	2009	2:20.07	EVGUENIA OJOGUINA	RUS	1999
2:04.05	DAWN HECKMAN	USA	2011	2:17.73	KARLYN PIPES	USA	1996	2:20.12	KARLYN PIPES	USA	1996
2:04.62	HITOMI MATSUDA	JPN	2009	2:18.05	KANA YAMAGUCHI	JPN	2012	2:21.24	YUKIE UBUKATA	JPN	2012
2:05.91	CAROLINE SAXBY	AUS	2013	2:18.26	KANA OHASHI	JPN	2009	2:21.46	LAURA BIANZANI	ITA	2004
2:06.80	KARLYN PIPES	USA	1996	2:21.26	DIANE GALLAS	USA	1996	2:21.50	HITOMI MATSUDA	JPN	2007
2:06.91	MEGAN MELGAARD	USA	2012	2:22.52	JOANNA CORBEN	GBR	2002	2:22.57	HIDEKA KOSHIMIZU	JPN	1995
2:07.84	BETH KNIGHT	USA	1989	2:23.47	DAPHNE FUCHS	GER	1993	2:23.26	MARTIE MC KINNEY	USA	1995
2:07.87	KATJA TROSIEN	GER	2007	2:24.09	JO SWATTON	GBR	2001	2:23.35	MELISSA VARLAS	USA	2005
2:08.26	ANGEL MARTINO	USA	2000	2:24.25	MEGAN MELGAARD	USA	2012	2:23.39	L. CARVALHO	AUS	2011
2:08.29	KIRSTEN CAMERON	NZL	2007	2:25.67	GITTE RAAGAARD	DEN	2004	200 M. I.M.			
2:09.12	LYNN MARSHALL	CAN	1992	50 M. BRST				2:13.89	ERIKA ERNDL	USA	2009
400 M. FREE				32.22	NICOLE HEIDEMANN	GER	2013	2:19.28	HITOMI MATSUDA	JPN	2010
4:18.63	DAWN HECKMAN	USA	2011	32.42	HITOMI MATSUDA	JPN	2009	2:21.28	N.VINOKURENKOVA	RUS	2013
4:25.60	HITOMI MATSUDA	JPN	2008	32.77	YUKO SAKAGUCHI	JPN	2009	2:23.12	KARLYN PIPES	USA	1996
4:26.50	MEGAN MELGAARD	USA	2012	33.18	N.VINOKURENKOVA	RUS	2014	2:23.50	SARABETH METZGER	USA	2009
4:27.11	CAROLINE SAXBY	AUS	2013	33.20	KATIE MCCLELLAND	USA	2008	2:24.12	NADINE DAY	USA	2004
4:27.11	KIRSTEN CAMERON	NZL	2007	33.32	LAURA HOLT	USA	2014	2:25.90	WENKE HANSEN	USA	2000
4:28.33	PILAR GEIJO	ARG	2014	33.57	SUSANNE HOCK	GER	2014	2:26.17	YVETTA HLAVACOVA	CZE	2005
4:28.76	KARLYN PIPES	USA	1996	33.66	ISABEL FIGUEIRA	POR	2009	2:26.21	KATJA OTTO	GER	2014
4:30.38	BETH L KNIGHT	USA	1991	33.84	WENKE HANSEN	USA	1999	2:26.41	HIDEKA KOSHIMIZU	JPN	1995
4:31.82	KELLY HIGGINS	AUS	2011	33.92	LAURA GLASS	USA	2010	400 M. I.M.			
4:31.93	SUSAN PORTER	USA	1994	100 M. BRST				4:56.08	HITOMI MATSUDA	JPN	2009
800 M. FREE				1:10.10	HITOMI MATSUDA	JPN	2009	5:02.23	N.VINOKURENKOVA	RUS	2014
8:46.47	DAWN HECKMAN	USA	2011	1:11.52	N.VINOKURENKOVA	RUS	2014	5:03.97	KARLYN PIPES	USA	1996
9:13.22	KIRSTEN CAMERON	NZL	2007	1:11.98	NICOLE HEIDEMANN	GER	2013	5:05.05	HIDEKA KOSHIMIZU	JPN	1995
9:16.82	LYNN MARSHALL	CAN	1992	1:13.29	KATIE MCCLELLAND	USA	2008	5:09.93	NADINE DAY	USA	2004
9:17.54	YVETTA HLAVACOVA	CZE	2005	1:13.32	SUSANNE HOCK	GER	2014	5:09.95	A.JANITZKI	GER	2010
9:19.96	SUSAN PORTER	USA	1994	1:14.32	ULRIKE GERNER	GER	2013	5:11.39	KAREN BURTON	USA	1992
9:20.20	BETH L KNIGHT	USA	1991	1:14.53	WENKE HANSEN	USA	1999	5:13.97	SUSAN PORTER	USA	1994
9:21.60	KELLY HIGGINS	AUS	2011	1:14.95	ISABEL FIGUEIRA	POR	2009	5:14.75	ANNE VELEZ	FRA	2010
9:22.73	KAREN BURTON	USA	1996	1:15.18	A.JANITZKI	GER	2010	5:15.13	SANDIE EASTON	USA	2002
9:23.06	BROOKE BENNETT	USA	2012	1:15.18	YUKO SAKAGUCHI	JPN	2009	*****			
9:23.57	SUSANNE KELLER	SUI	2012	200 M. BRST				*****			
1500 M. FREE				2:28.93	HITOMI MATSUDA	JPN	2009	*****			
17:11.25	HEIDI GEORGE	USA	2009	2:35.90	N.VINOKURENKOVA	RUS	2014	*****			
17:32.48	DAWN HECKMAN	USA	2008	2:39.37	SUSANNE HOCK	GER	2014	*****			
17:38.70	KAREN BURTON	USA	1996	2:39.71	NICOLE HEIDEMANN	GER	2013	50 M. FREE			
17:43.52	KIRSTEN CAMERON	NZL	2007	2:40.90	A.JANITZKI	GER	2010	25.98	DARA TORRES	USA	2006
17:48.42	YUREMA REQUENA	ESP	2014	2:41.51	WENKE HANSEN	USA	1999	26.53	EDITH OTTERMANN	RSA	2004
17:48.44	K.PIPES-NEILSEN	USA	1996	2:41.63	KATIE MCCLELLAND	USA	2008	26.63	EKATERINA YUDINA	RUS	2013
17:48.60	LISA HAZEN	USA	1996	2:41.72	ULRIKE GERNER	GER	2013	26.65	ERIKA BRAUN	USA	2011
17:53.12	BROOKE BENNETT	USA	2012	2:42.12	KATIE HENDERSON	GBR	2012	26.66	TRACIE MOLL	USA	1999
17:53.28	HITOMI MATSUDA	JPN	2007	2:44.61	CYNTHIA LEWIN	USA	2009	26.68	S.NEILSON-BELL	USA	1996
17:55.58	BETH L KNIGHT	USA	1991	50 M. FLY				26.78	NORIKO INADA	USA	2014
50 M. BACK				27.48	MARTINA MORAVCOVA	USA	2009	26.78	SANDRA KAZIKOVA	CZE	2012
28.57	NORIKO INADA	USA	2012	27.59	ANGEL MARTINO	USA	2000	26.85	PEGGY GROSS	USA	2004
28.95	MAI NAKAMURA	JPN	2009	27.61	NORIKO INADA	USA	2012	27.05	OLESYA BOUROVA	ITA	2014
29.55	MARTINA MORAVCOVA	USA	2009	27.73	NADINE ROLLAND	CAN	2008	100 M. FREE			
29.70	KANA OHASHI	JPN	2009	28.15	ANGELA TAVERNIER	FRA	2014	58.87	HITOMI MATSUDA	JPN	2012
								58.87	S.NEILSON-BELL	USA	1995



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58.94	BETH KNIGHT	USA	1994	1:05.58	KANA OHASHI	JPN	2013	1:04.34	K PIPES-NEILSEN	USA	1998
59.16	SHERI HART	USA	2006	1:06.34	GISELI PEREIRA	BRA	2011	1:04.59	HITOMI MATSUDA	JPN	2014
59.20	TRACIE MOLL	USA	1999	1:06.91	JODY SMITH	USA	2008	1:04.91	DEBBIE YOUNGER	CAN	2005
59.21	K.PIPES-NEILSEN	USA	1997	1:07.44	C.J-SPONCELLER	SWE	2010	1:05.02	PEGGY GROSS	USA	2004
59.26	MEGAN OESTING	USA	2009	1:07.79	JOANNA CORBEN	GBR	2005	1:05.39	SUSAN HALFACRE	USA	1988
59.29	M DRUECKHAMMER	USA	2002	1:07.93	MARIA RIVERA	VEN	2010	1:05.54	ILDIKO SZEKELY	USA	2014
59.42	OLESYA BOUROVA	ITA	2014	1:07.94	CINDY MABEE	CAN	2008	200 M. FLY			
59.46	EKATERINA YUDINA	RUS	2012	2:00 M. BACK				2:20.21	K.PIPES-NEILSEN	USA	1997
200 M. FREE				2:18.20	K.PIPES-NEILSEN	USA	1997	2:22.05	HITOMI MATSUDA	JPN	2012
2:06.62	K PIPES-NEILSEN	USA	1998	2:20.67	KANA OHASHI	JPN	2013	2:22.80	ILDIKO SZEKELY	USA	2014
2:07.64	SHEILA TAORMINA	USA	2006	2:22.07	JODY SMITH	USA	2008	2:26.36	SHEILA TAORMINA	USA	2006
2:07.99	HITOMI MATSUDA	JPN	2012	2:22.92	SHERI HART	USA	2006	2:26.38	LAURA B VAL	USA	1989
2:08.71	TRACIE MOLL	USA	1999	2:23.47	JOANNA CORBEN	GBR	2005	2:26.71	KRISTINA ULVELING	USA	2008
2:08.75	KIRSTEN CAMERON	NZL	2009	2:24.52	PASCALE VERBAUWEN	BEL	1998	2:27.21	NICOLA LATTY	GBR	2007
2:08.93	CLAUDIA POLL	CRC	2010	2:26.32	TERRY RADAM	USA	2000	2:27.36	ANA PAULA GRILO	POR	2006
2:08.93	BETH KNIGHT	USA	1994	2:26.44	SILVIA PAROCCHI	ITA	2003	2:27.42	L. CARVALHO	AUS	2013
2:09.33	SUSAN HALFACRE	USA	1988	2:26.58	C.J-SPONCELLER	SWE	2010	2:27.55	DEBBIE YOUNGER	CAN	2005
2:09.70	MELANIA BUSSIÈRE	CAN	2008	2:26.66	ZENA HERRMANN	USA	1994	200 M. I.M.			
2:10.14	LAUREN WELTING	USA	2001	50 M. BRST				2:21.47	HITOMI MATSUDA	JPN	2012
400 M. FREE				32.86	KATIE GLENN	USA	2013	2:22.42	K.PIPES-NEILSEN	USA	1997
4:25.68	KIRSTEN CAMERON	NZL	2009	33.10	R.CRESCENTINI	ITA	2011	2:25.56	CYNTHIA LEWIS	USA	2013
4:26.17	K.PIPES-NEILSEN	USA	1997	33.24	HITOMI MATSUDA	JPN	2012	2:28.07	CAROLINE KRATTLI	USA	2001
4:29.56	HITOMI MATSUDA	JPN	2012	33.52	LINLEY FRAME	AUS	2010	2:28.51	CLAUDIA POLL	CRC	2010
4:31.35	BETH KNIGHT	USA	1994	33.64	SYLVIA GERASCH	GER	2004	2:28.83	SILVIA PAROCCHI	ITA	2004
4:32.57	SHEILA TAORMINA	USA	2006	33.85	ANNA-KARIN LUNDIN	SWE	2011	2:28.93	JUDITH LALLIER	USA	1994
4:33.08	SUSAN HALFACRE	USA	1988	33.91	CAROLINE KRATTLI	USA	2001	2:28.97	KATHERINE VEALE	GBR	2001
4:34.20	SUSAN PAMELIA	USA	1987	34.13	CYNTHIA LEWIS	USA	2013	2:29.17	KARIN SEICK	GER	1996
4:34.43	CINDY BERTELINK	CAN	2014	34.36	KELLY LEGASPI	USA	2009	2:29.18	NADINE DAY	USA	2006
4:35.19	VALERIA VERGANI	ITA	2006	34.41	L.WETZEL-OSBORNE	USA	1989	400 M. I.M.			
4:35.74	ANA PAULA GRILO	POR	2006	100 M. BRST				4:59.59	HITOMI MATSUDA	JPN	2012
800 M. FREE				1:12.34	KATIE GLENN	USA	2013	5:02.67	K PIPES-NEILSEN	USA	1998
9:05.15	KIRSTEN CAMERON	NZL	2009	1:12.75	CYNTHIA LEWIS	USA	2013	5:15.05	LAUREN WELTING	USA	2001
9:13.49	SHEILA TAORMINA	USA	2006	1:12.77	HITOMI MATSUDA	JPN	2012	5:16.17	CYNTHIA LEWIS	USA	2011
9:16.20	K.PIPES-NEILSEN	USA	1997	1:13.81	CAROLINE KRATTLI	USA	2001	5:16.83	NADINE DAY	USA	2007
9:20.62	BETH KNIGHT	USA	1994	1:14.65	LINLEY FRAME	AUS	2010	5:18.43	JILL HERNANDEZ	USA	1999
9:21.37	HEIDI GEORGE	USA	2014	1:14.84	ANNA-KARIN LUNDIN	SWE	2011	5:18.68	CAROLINA BENEYTO	ESP	2014
9:24.54	SUSAN HALFACRE	USA	1988	1:15.11	S VON DER LIPPE	USA	2004	5:19.41	CINDY BERTELINK	CAN	2014
9:25.54	PENNY BOND	AUS	1998	1:15.36	SYLVIA GERASCH	GER	2004	5:19.77	KATHERINE VEALE	GBR	2001
9:26.17	JACQUI ROBINSON	AUS	2008	1:15.65	KELLY LEGASPI	USA	2009	5:20.69	ASA NEIJ	SWE	2010
9:27.41	HITOMI MATSUDA	JPN	2012	1:16.09	R.CRESCENTINI	ITA	2010	*****			
9:27.70	VALERIA VERGANI	ITA	2006	200 M. BRST				*****			
1500 M. FREE				2:35.40	HITOMI MATSUDA	JPN	2012	*****			
17:28.51	HEIDI GEORGE	USA	2014	2:39.78	KATIE GLENN	USA	2013	*****			
17:31.97	KIRSTEN CAMERON	AUS	2012	2:40.63	CYNTHIA LEWIS	USA	2013	*****			
17:46.58	K PIPES-NEILSEN	USA	2000	2:41.51	YUKO MORITA	JPN	2012	50 M. FREE			
17:54.74	HITOMI MATSUDA	JPN	2012	2:41.76	CAROLINE KRATTLI	USA	2001	25.68	DARA TORRES	USA	2011
17:59.12	BETH KNIGHT	USA	1994	2:46.59	KAREN KEY	GBR	2012	26.44	EDITH OTTERMANN	RSA	2009
18:07.43	LYNN MARSHALL	CAN	1996	2:46.73	KELLY LEGASPI	USA	2009	26.64	INGE DE BRUIJN	NED	2013
18:09.11	CAROLINA BENEYTO	ESP	2014	2:47.19	SYLVIA GERASCH	GER	2004	26.71	ERIKA BRAUN	USA	2013
18:09.36	LISA HAZEN	USA	1999	2:47.34	MARIT BREITFELD	GER	2010	26.88	MARIA DOELGER	USA	2003
18:12.11	SUSAN PAMELIA	USA	1987	2:47.48	CAROLINA BENEYTO	ESP	2014	26.95	JUNKO NAKANO	JPN	2008
18:13.21	ALISON ZAMANIAN	USA	2008	50 M. FLY				26.97	ELIZABETH EMERY	USA	2002
50 M. BACK				27.46	NORIKO INADA	USA	2014	27.18	JENNIE BUCKNELL	AUS	2009
28.85	NORIKO INADA	USA	2014	28.03	LYNNE HAYES	AUS	2009	27.28	ANN WORTHINGTON	USA	2006
30.17	SHERI HART	USA	2010	28.25	R.CRESCENTINI	ITA	2011	27.39	S.NEILSON-BELL	USA	1996
30.89	KANA OHASHI	JPN	2013	28.32	TRACIE MOLL	USA	1999	100 M. FREE			
31.22	MARIA RIVERA	VEN	2010	28.67	JUNKO ONISHI	JPN	2010	58.04	ERIKA BRAUN	USA	2013
31.24	GISELI PEREIRA	BRA	2011	28.73	PASCALE VERBAUWEN	BEL	2001	58.43	MARIA DOELGER	USA	2003
31.27	PASCALE VERBAUWEN	BEL	2001	28.75	KRISTINA ULVELING	USA	2009	59.13	ELIZABETH EMERY	USA	2002
31.28	CINDY MABEE	CAN	2008	28.92	EKATERINA YUDINA	RUS	2013	59.59	K PIPES-NEILSEN	USA	2004
31.31	K PIPES-NEILSEN	USA	1999	28.92	SANDRA KAZIKOVA	CZE	2012	1:00.32	BARBARA KEHBEIN	GER	2013
31.50	NAHOMI SHIRATA	JPN	2011	28.96	MABI TSUKIOKA	JPN	2014	1:00.39	BEVERLEY MCCARNEY	RSA	2004
31.58	MARIANNE KRIEL	RSA	2006	100 M. FLY				1:00.40	S.VON DER LIPPE	USA	2009
100 M. BACK				1:02.44	LYNNE HAYES	AUS	2009	1:00.41	FALL WILLEBOORDSE	USA	2009
1:02.69	NORIKO INADA	USA	2014	1:03.52	MELANIA BUSSIÈRE	CAN	2008	1:00.50	ANA FORTIN	HON	2012
1:04.99	SHERI HART	USA	2010	1:03.79	TRACIE MOLL	USA	1999	1:00.63	S.NEILSON-BELL	USA	1996
1:05.41	K.PIPES-NEILSEN	USA	1997	1:03.97	KRISTINA ULVELING	USA	2009	200 M. FREE			
								2:09.00	K PIPES-NEILSEN	USA	2003



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2:10.50	S.VON DER LIPPE	USA	2007	2:23.64	K PIPES-NEILSEN	USA	2003	2:25.15	SUSAN PRESTON	USA	2006
2:10.76	KIRSTEN CAMERON	GBR	2014	2:27.11	HELEN WHITFORD	AUS	2008	2:27.20	NICOLA LATTY	GBR	2012
2:11.05	CLAUDIA POLL	CRC	2014	2:27.78	JOANNA CORBEN	GBR	2010	2:29.11	KAREN HIGGISON	AUS	2009
2:11.63	BARBARA KEHBEIN	GER	2013	2:28.36	KRISTIN GARY	USA	2008	2:29.37	SUSANNE SIMPSON	USA	2002
2:12.24	AMANDA PICARD	SUI	2008	2:30.17	ELLEN REYNOLDS	USA	2008	2:29.81	BETH BAKER	USA	2001
2:12.75	SUSANNE SIMPSON	USA	2002	2:30.37	GISELI PEREIRA	BRA	2012	2:30.42	ANA PAULA GRILO	ESP	2009
2:12.77	VALERIA VERGANI	ITA	2013	2:31.28	LISA WARD	USA	2008	2:30.47	BIRGIT LOHBERG	USA	2007
2:13.09	JODY SMITH	USA	2009	2:31.34	LAURA SMITH	USA	2008	2:31.80	SANDIE EASTON	USA	2009
2:13.10	JILL HERNANDEZ	USA	2000	50 M. BRST				200 M. I.M.			
400 M. FREE				32.32	LINLEY FRAME	AUS	2013	2:25.03	S.VON DER LIPPE	USA	2007
4:22.87	JANET EVANS	USA	2011	33.25	S.VON DER LIPPE	USA	2006	2:25.38	K PIPES-NEILSEN	USA	2003
4:28.24	K PIPES-NEILSEN	USA	2002	33.44	S.BONDARENKO	UKR	2011	2:28.64	LISA BLACKBURN	USA	2013
4:30.12	KIRSTEN CAMERON	AUS	2013	33.79	CAROLINE KRATTLI	USA	2002	2:29.80	CAROLINE KRATTLI	USA	2002
4:34.33	AMANDA PICARD	SUI	2008	33.86	LISA BLACKBURN	USA	2013	2:30.25	CLAUDIA POLL	CRC	2014
4:34.33	SUSAN PRESTON	USA	2006	34.20	S.SEMINATORE	ITA	2004	2:30.33	HELEN GORMAN	GBR	2014
4:35.74	PENNY PALFREY	AUS	2002	34.94	KAREN KEY	GBR	2014	2:30.33	SHEILA TRELEAVEN	CAN	2014
4:36.26	SUSAN DOMBKOWSKI	USA	2006	34.95	HELEN GORMAN	GBR	2014	2:30.70	WENKE SEIDER	USA	2013
4:38.10	VALERIA VERGANI	ITA	2013	34.97	DAGMAR HILBIG	GER	2000	2:30.89	ANA PAULA GRILO	ESP	2009
4:38.69	ALISON ZAMANIAN	USA	2011	35.05	ANNA HAMMAR	SWE	2012	2:30.96	JILL HERNANDEZ	USA	2000
4:38.69	JILL HERNANDEZ	USA	2000	100 M. BRST				400 M. I.M.			
800 M. FREE				1:11.31	LINLEY FRAME	AUS	2013	5:09.83	K PIPES-NEILSEN	USA	2004
8:59.06	JANET EVANS	USA	2011	1:13.34	S.VON DER LIPPE	USA	2006	5:21.32	JILL HERNANDEZ	USA	2000
9:16.65	KIRSTEN CAMERON	AUS	2013	1:13.82	CAROLINE KRATTLI	USA	2002	5:21.42	LISA BLACKBURN	USA	2014
9:24.77	K PIPES-NEILSEN	USA	2002	1:14.12	S.BONDARENKO	UKR	2012	5:21.87	MARZENA KULIS	ITA	2006
9:24.90	PENNY PALFREY	AUS	2002	1:14.15	LISA BLACKBURN	USA	2014	5:21.95	VALERIA VERGANI	ITA	2012
9:25.95	SUSAN PRESTON	USA	2006	1:14.71	HELEN GORMAN	GBR	2014	5:22.96	ANA PAULA GRILO	ESP	2009
9:25.95	SUZAN HEIM-BOWEN	USA	2001	1:14.90	MARZENA KULIS	ITA	2006	5:24.50	ANGELA DELISSEN	GER	2008
9:28.33	AMANDA PICARD	SUI	2008	1:15.83	H.MORRIS-EYTON	RSA	2010	5:24.89	NADINE DAY	USA	2010
9:30.66	VALERIA VERGANI	ITA	2013	1:16.81	DAGMAR HILBIG	GER	2000	5:25.78	SHEILA TRELEAVEN	CAN	2014
9:31.64	JILL HERNANDEZ	USA	2000	1:17.14	WENKE SEIDER	USA	2012	5:26.35	HELEN WHITFORD	AUS	2008
9:33.76	CECY AMKIE COHEN	MEX	2014	200 M. BRST				*****			
1500 M. FREE				2:38.44	S.VON DER LIPPE	USA	2006	*****			
17:49.26	KIRSTEN CAMERON	GBR	2014	2:40.76	H.MORRIS-EYTON	RSA	2010	*****			
17:56.52	K PIPES-NEILSEN	USA	2003	2:40.86	LINLEY FRAME	AUS	2014	*****			
18:02.60	AMANDA PICARD	SUI	2008	2:42.06	CAROLINE KRATTLI	USA	2002	*****			
18:07.10	VALERIA VERGANI	ITA	2013	2:42.90	HELEN GORMAN	GBR	2014	50 M. FREE			
18:14.34	SUZ HEIM-BOWEN	USA	1998	2:43.17	MARZENA KULIS	ITA	2006	26.59	EDITH OTTERMANN	RSA	2011
18:15.98	N.MUIR-COCHRANE	GBR	2004	2:44.44	LISA BLACKBURN	USA	2013	27.04	M.FUZZATI	SUI	2013
18:25.26	JILL HERNANDEZ	USA	2000	2:49.37	WENKE SEIDER	USA	2011	27.26	JENNIE BUCKNELL	AUS	2012
18:25.28	LYNN MARSHALL	CAN	2002	2:49.46	KAREN KEY	GBR	2014	27.44	SUSAN WALSH	USA	2007
18:43.69	JANET EVANS	USA	2011	2:49.95	KEIKO OKAMOTO	JPN	2009	27.67	FALL WILLEBOORDSE	USA	2011
18:44.49	LESLEIGH MAYES	AUS	2001	2:49.95	DAGMAR HILBIG	GER	1999	27.68	ANETTE PHILIPSSON	SWE	2012
50 M. BACK				50 M. FLY				27.76	BRIGITTE HEUER	USA	2006
30.89	MARIA RIVERA	VEN	2013	28.36	ERIKA BRAUN	USA	2013	27.78	JUNKO NAKANO	JPN	2011
31.49	CINDY MABEE	CAN	2009	28.52	S.VON DER LIPPE	USA	2009	27.78	BETH LUTZ KNIGHT	USA	2005
31.52	GISELI PEREIRA	BRA	2013	28.97	ELIZABETH EMERY	USA	2002	27.81	LISA DAHL	USA	2006
31.54	ERIKA BRAUN	USA	2013	29.02	EDITH OTTERMANN	RSA	2010	100 M. FREE			
31.63	JODY SMITH	USA	2009	29.13	SILVIA PAROCCHI	ITA	2007	59.79	K.PIPES-NEILSEN	USA	2007
31.69	JUNKO NAKANO	JPN	2008	29.24	MARIA RIVERA	VEN	2013	1:00.05	M.FUZZATI	SUI	2013
31.71	ANDREA KUTZ	GER	2013	29.29	MARIA DOELGER	USA	2003	1:00.16	SUSAN WALSH	USA	2007
31.90	MONICA SORO	ITA	2011	29.35	K PIPES-NEILSEN	USA	2002	1:00.23	BARBARA KEHBEIN	GER	2014
31.95	ANA TEJEDA	DOM	2014	29.40	K.RADKE GERRY	USA	2012	1:00.78	JENNIE BUCKNELL	AUS	2011
31.97	SYLVIE ALLERY	FRA	2009	29.49	JUNKO ONISHI	JPN	2014	1:00.95	BETH LUTZ KNIGHT	USA	2005
100 M. BACK				100 M. FLY				1:01.03	REBECCA PERROTT	NZL	2008
1:07.06	CINDY MABEE	CAN	2009	1:03.36	S.VON DER LIPPE	USA	2009	1:01.15	ANNA HAMMAR	SWE	2013
1:07.21	JODY SMITH	USA	2009	1:04.74	K PIPES-NEILSEN	USA	2003	1:01.19	ANETTE PHILIPSSON	SWE	2012
1:07.69	K PIPES-NEILSEN	USA	2003	1:05.33	SILVIA PAROCCHI	ITA	2007	1:01.39	SARAH MACDONALD	CAN	2005
1:07.75	GISELI PEREIRA	BRA	2013	1:05.61	BETH BAKER	USA	2001	200 M. FREE			
1:08.21	SYLVIE ALLERY	FRA	2009	1:05.80	BEVERLEY MCCARNEY	RSA	2004	2:10.09	K.PIPES-NEILSEN	USA	2009
1:08.32	HELEN WHITFORD	AUS	2008	1:06.01	ERIKA BRAUN	USA	2014	2:12.76	BETH LUTZ KNIGHT	USA	2005
1:08.33	KRISTIN GARY	USA	2008	1:06.27	LAURA VAL	USA	1992	2:13.17	SUZANN HEIM-BOWEN	USA	2003
1:08.64	SILVIA PAROCCHI	ITA	2007	1:06.35	WENKE SEIDER	USA	2013	2:13.27	ELENE JONES	USA	2009
1:08.75	JOANNA CORBEN	GBR	2012	1:06.40	MARZENA KULIS	ITA	2007	2:13.55	REBECCA PERROTT	NZL	2008
1:08.87	FALL WILLEBOORDSE	USA	2010	1:06.41	MARIA DOELGER	USA	2003	2:13.85	JILL HERNANDEZ	USA	2005
200 M. BACK				200 M. FLY				2:13.87	BARBARA KEHBEIN	GER	2014
2:23.18	SILVIA PAROCCHI	ITA	2009	2:24.77	K PIPES-NEILSEN	USA	2003	2:14.84	SUSANNE SIMPSON	USA	2005
2:23.18	JODY SMITH	USA	2009	2:24.78	S.VON DER LIPPE	USA	2006	2:14.89	ELLEN REYNOLDS	USA	2013
								2:15.10	M.FUZZATI	FRA	2014



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400 M. FREE		33.66 S.VON DER LIPPE	USA 2010	2:28.42 WENKE SEIDER	USA 2014
4:35.84 K.PIPES-NEILSEN	USA 2008	33.98 CAROLINE KRATTLI	USA 2007	2:31.88 MARZENA KULIS	ITA 2009
4:37.74 ELENE JONES	USA 2009	34.05 MARZENA KULIS	ITA 2009	2:31.95 REBECCA PERROTT	NZL 2008
4:39.20 SUZANN HEIM-BOWEN	USA 2003	34.20 MONICA CORO	ITA 2011	2:32.43 BARBARA KEHBEIN	GER 2014
4:41.63 LYNN MARSHALL	CAN 2010	34.74 MAGGIE KELLY	GBR 2001	2:32.46 JILL HERNANDEZ	USA 2005
4:43.14 SUSANNE SIMPSON	USA 2008	35.12 ALBENA POPOVA	ITA 2009	2:32.58 ELLEN REYNOLDS	USA 2012
4:44.23 C.PETERSEN	USA 2009	35.18 ANNA HAMMAR	SWE 2013	2:34.10 CAROLINE KRATTLI	USA 2007
4:44.38 CLAUDIA KERN	GER 2009	35.60 KIM CROUCH	USA 2008	2:34.17 ANETTE PHILIPSSON	SWE 2010
4:45.57 JILL HERNANDEZ	USA 2005	35.69 FALL WILLEBOORDSE	USA 2011	2:34.18 SILVIA PAROCCHI	ITA 2012
4:45.65 SUSANNA ROSEN	SWE 2009	35.99 JENNY WHITELEY	AUS 2003	400 M. I.M.	
4:46.14 MARGEE CURRAN	USA 2009	100 M. BRST		5:13.85 K.PIPES-NEILSEN	USA 2008
800 M. FREE		1:13.49 MARZENA KULIS	ITA 2009	5:23.69 ELLEN REYNOLDS	USA 2013
9:24.11 K.PIPES-NEILSEN	USA 2007	1:14.41 S.VON DER LIPPE	USA 2010	5:27.67 JILL HERNANDEZ	USA 2005
9:24.53 SUZANN HEIM-BOWEN	USA 2003	1:15.65 CAROLINE KRATTLI	USA 2007	5:27.86 REBECCA PERROTT	NZL 2008
9:36.86 ELENE JONES	USA 2008	1:15.95 WENKE SEIDER	USA 2014	5:29.68 MARZENA KULIS	ITA 2009
9:40.27 LYNN MARSHALL	CAN 2008	1:17.16 MONICA CORO	ITA 2011	5:30.74 STEPHANIE STONE	USA 2013
9:40.64 CLAUDIA KERN	GER 2009	1:18.19 MAGGIE KELLY	GBR 2001	5:32.02 HELEN WHITFORD	AUS 2012
9:43.99 SUSANNA ROSEN	SWE 2009	1:18.21 ANNA HAMMAR	SWE 2013	5:32.27 JILL GELLATLY	USA 2014
9:45.99 REBECCA PERROTT	NZL 2008	1:19.08 H.MORRIS-EYTON	RSA 2013	5:32.69 ANGELA DELISSEN	GER 2012
9:46.88 SUSANNE SIMPSON	USA 2008	1:19.49 JENNY WHITELEY	AUS 2003	5:33.11 LYNN MARSHALL	CAN 2009
9:47.56 MARGEE CURRAN	USA 2009	1:20.12 ELKE SCHMITZ	GER 2012		
9:50.88 JILL GELLATLY	USA 2014	200 M. BRST		*****	
1500 M. FREE		2:40.42 MARZENA KULIS	ITA 2009	*****	
17:55.83 SUZANN HEIM-BOWEN	USA 2003	2:43.73 H.MORRIS-EYTON	RSA 2013	*****	
18:10.28 ELENE JONES	USA 2008	2:45.20 CAROLINE KRATTLI	USA 2007	*****	
18:12.63 LYNN MARSHALL	CAN 2009	2:48.13 WENKE SEIDER	USA 2014	*****	
18:40.27 LAURIE HUG	USA 2012	2:50.94 CLAUDIA KERN	GER 2009	*****	
18:44.29 K.PIPES-NEILSEN	USA 2008	2:51.02 JUDIT HAJDU	AUT 2007	*****	
18:54.47 MAITE GARCIA	ESP 2011	2:53.27 K.PIPES-NEILSEN	USA 2008	*****	
18:55.86 JILL GELLATLY	USA 2012	2:54.17 MONICA CORO	ITA 2011	*****	
19:04.36 NORMA CAHILL	IRL 2013	2:54.66 KEIKO OKAMOTO	JPN 2014	*****	
19:07.99 PAMELA NIX	AUS 2012	2:55.96 JENNY WHITELEY	AUS 2003	*****	
19:09.53 N.MUIR-COCHRANE	GBR 2009	50 M. FLY		*****	
50 M. BACK		28.97 EDITH OTTERMANN	RSA 2011	*****	
31.35 CINDY MABEE	CAN 2014	29.04 WENKE SEIDER	USA 2014	*****	
31.71 ELLEN REYNOLDS	USA 2012	29.12 S.VON DER LIPPE	USA 2010	*****	
31.71 VALERIE JENKINS	USA 2008	29.37 LAURIE DITOMMASO	USA 2009	*****	
31.85 SUSAN WALSH	USA 2007	29.52 K.PIPES-NEILSEN	USA 2008	*****	
31.94 SYLVIE ALLERY	FRA 2014	29.57 LISA DAHL	USA 2009	*****	
31.99 LESLIE LIVINGSTON	USA 2009	29.74 LESLIE LIVINGSTON	USA 2009	*****	
32.02 FALL WILLEBOORDSE	USA 2013	29.84 SUSAN WALSH	USA 2007	*****	
32.08 SHIZUKO HIRAISHI	JPN 2009	29.89 ANNA HAMMAR	SWE 2013	*****	
32.10 K.PIPES-NEILSEN	USA 2007	29.89 SHIZUKO HIRAISHI	JPN 2008	*****	
32.14 FRANCA BOSISIO	ITA 2014	100 M. FLY		*****	
100 M. BACK		1:04.96 WENKE SEIDER	USA 2014	*****	
1:08.11 K.PIPES-NEILSEN	USA 2009	1:05.69 K.PIPES-NEILSEN	USA 2008	*****	
1:08.55 ELLEN REYNOLDS	USA 2010	1:06.42 ARLENE DELMAGE	USA 2008	*****	
1:08.75 CINDY MABEE	CAN 2014	1:06.65 BIRGIT LOHBERG	USA 2010	*****	
1:08.82 KRISTIN GARY	USA 2014	1:06.91 FRANCA BOSISIO	ITA 2014	*****	
1:09.20 SYLVIE ALLERY	FRA 2014	1:07.18 NATALIYA MATVEEVA	RUS 2010	*****	
1:09.41 SILVIA PAROCCHI	ITA 2012	1:07.30 JILL HERNANDEZ	USA 2005	*****	
1:09.51 FALL WILLEBOORDSE	USA 2013	1:07.62 SHIZUKO HIRAISHI	JPN 2008	*****	
1:09.66 SUSAN WALSH	USA 2007	1:07.80 BARBARA KEHBEIN	GER 2014	*****	
1:10.64 M.FUZZATI	FRA 2014	1:07.97 SILVIA PAROCCHI	ITA 2012	*****	
1:11.18 VERA CAPKOVA	BEL 2006	200 M. FLY		*****	
200 M. BACK		2:24.34 K.PIPES-NEILSEN	USA 2009	*****	
2:26.06 K.PIPES-NEILSEN	USA 2009	2:30.37 FRANCA BOSISIO	ITA 2014	*****	
2:29.68 ELLEN REYNOLDS	USA 2013	2:31.37 LAURA VAL	USA 1998	*****	
2:31.07 STEPHANIE STONE	USA 2014	2:32.07 SUSANNE SIMPSON	USA 2006	*****	
2:31.07 SILVIA PAROCCHI	ITA 2012	2:32.38 TERESA GARCIA	ESP 2010	*****	
2:31.93 LISA WARD	USA 2009	2:32.59 S. PALMER-WHITE	AUS 2009	*****	
2:32.08 KRISTIN GARY	USA 2014	2:33.37 LYNN MARSHALL	CAN 2006	*****	
2:32.12 HELEN WHITFORD	AUS 2012	2:34.03 PAMELA NIX	AUS 2012	*****	
2:33.51 SALLY BELL	AUS 2007	2:34.05 ANDREA BLOCK	USA 2006	*****	
2:34.80 SUSAN WALSH	USA 2007	2:35.32 ARLENE DELMAGE	USA 2007	*****	
2:35.64 FRANCA BOSISIO	ITA 2014	200 M. I.M.		*****	
50 M. BRST		2:27.57 K.PIPES-NEILSEN	USA 2008	*****	

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4:54.34	MARGE CURRAN	USA	2013	100 M.	BRST		5:20.68	ELLEN REYNOLDS	USA	2014	
800 M.	FREE			1:15.50	MONICA CORO	ITA	2012	5:30.32	JILL HERNANDEZ	USA	2013
9:38.04	LYNN MARSHALL	CAN	2011	1:19.23	JENNY WHITELEY	AUS	2009	5:32.26	LYNN MARSHALL	CAN	2011
9:48.81	S.HEIM-BOWEN	USA	2008	1:19.64	MARZENA KULIS	ITA	2014	5:32.41	K.PIPES-NEILSEN	FRA	2012
9:52.55	LAURA VAL	USA	2002	1:20.44	UTE HASSE	ESP	2013	5:36.45	S.REIBEL-OBERLE	GER	2014
9:59.18	MARGE CURRAN	USA	2013	1:21.29	JAN CLARKSON	AUS	2008	5:37.60	CECILLA STANFORD	RSA	2011
10:02.92	TRIN CAMPBELL	USA	2014	1:22.23	CORRIN POPPS	USA	2014	5:40.27	NAOKO SHIDE	JPN	2011
10:05.22	JEANNE CARLSEN	CAN	2012	1:22.58	MARJA BLOEMZAAD	NED	2013	5:42.80	LAURA VAL	USA	2002
10:09.28	ENEY JONES	USA	2012	1:22.70	KATE SORENSEN	DEN	2012	5:43.43	RIEKO SHOJI	JPN	2010
10:10.10	K.PALACE	USA	2011	1:23.02	ELKE SCHMITZ	GER	2014	5:45.88	PIERRETTE MICHEL	BEL	2014
10:10.11	JENNY WHITELEY	AUS	2008	1:23.21	MELINDA MANN	USA	2009				
10:11.66	S.REIBEL-OBERLE	GER	2014	200 M.	BRST			*****			
1500 M.	FREE			2:50.92	MONICA CORO	ITA	2012		WOMEN 55-59		
18:29.28	LYNN MARSHALL	CAN	2011	2:55.15	JENNY WHITELEY	AUS	2008	*****			
18:32.76	S.HEIM-BOWEN	USA	2008	2:55.62	MARZENA KULIS	ITA	2014	50 M.	FREE		
19:01.37	ENEY JONES	USA	2010	2:57.58	JAN CLARKSON	AUS	2008	28.69	LAURA VAL	USA	2008
19:08.69	LAURA VAL	USA	2001	2:58.60	CORRIN POPPS	USA	2014	29.36	HEATHER CAMPBELL	NZL	2008
19:13.59	JEANNE CARLSEN	CAN	2010	2:58.67	CYNTHIA PINCOTT	CAN	2012	29.46	PAT SARGEANT	USA	2008
19:19.98	DENISE BROWN	USA	2009	3:01.03	KATE SORENSEN	DEN	2011	29.55	JENNY WHITELEY	AUS	2013
19:35.54	ANDREA BLOCK	USA	2011	3:02.10	MARJA BLOEMZAAD	NED	2011	29.79	TRACI GRANGER	USA	2014
19:37.26	JENNY WHITELEY	AUS	2008	3:02.47	AMANDA HEATH	GBR	2009	29.87	CHERYL GOMMERS	AUS	2003
19:39.40	C.TARANTINO	ITA	2005	3:02.58	JUDITH HATTLE	GBR	2012	29.89	BARBARA JONES	USA	2012
19:40.24	BARBARA DUNBAR	USA	2002	50 M.	FLY			29.94	JACKI HIRSTY	USA	2010
50 M.	BACK			30.24	ANGELA ZINGLER	GER	2004	29.97	REGULA STEIGER	SUI	2009
32.41	LESLIE LIVINGSTON	USA	2013	30.29	LESLIE LIVINGSTON	USA	2013	30.03	CONNY BOER-BUIJS	NED	2005
32.50	ELLEN REYNOLDS	USA	2014	30.34	LISA DAHL	USA	2012	100 M.	FREE		
32.87	J SWAGERTY-HILL	USA	2002	30.65	LAURIE DITOMMASO	USA	2013	1:02.02	LAURA VAL	USA	2008
33.26	K.ANDRUS-HUGHES	USA	2007	30.69	MARIA NORBERG	SWE	2014	1:03.99	HEATHER CAMPBELL	NZL	2008
33.34	VALERIE JENKINS	USA	2013	30.72	LAURA VAL	USA	2001	1:05.14	JENNY WHITELEY	AUS	2014
33.41	SHIZUKO HIRAISHI	JPN	2012	31.16	HARUMI SUGINUMA	JPN	2009	1:05.48	VERONICA HIBBEN	USA	2014
33.45	BONNIE BILICH	USA	2009	31.16	JENNY WHITELEY	AUS	2008	1:05.78	LYNN MORRISON	USA	2009
33.62	CATHY SHEEHAN	CAN	2010	31.25	HAYLEY BETTINSON	GBR	2013	1:06.17	K.ANDRUS-HUGHES	USA	2012
33.67	KAREN HUMPHREYS	USA	2005	31.41	SHIZUKO HIRAISHI	JPN	2012	1:06.40	CONNY BOER-BUYS	NED	2009
33.67	LAURA VAL	USA	2002	100 M.	FLY			1:06.66	PAT SARGEANT	USA	2008
100 M.	BACK			1:07.80	JILL HERNANDEZ	USA	2011	1:06.97	JACKI HIRSTY	USA	2010
1:09.28	ELLEN REYNOLDS	USA	2014	1:07.81	LAURA VAL	USA	2001	1:07.15	CHARLOTTE DAVIS	USA	2006
1:11.78	K.PIPES-NEILSEN	USA	2012	1:10.11	ANDREA BLOCK	USA	2012	200 M.	FREE		
1:13.55	K.ANDRUS-HUGHES	USA	2008	1:10.19	KARLYN PIPES	USA	2014	2:16.28	LAURA VAL	USA	2009
1:13.76	BONNIE BILICH	USA	2009	1:10.31	CECILIA STANFORD	RSA	2011	2:22.48	JENNY WHITELEY	AUS	2013
1:13.89	CATHY SHEEHAN	CAN	2010	1:10.38	JUDITH HATTLE	GBR	2012	2:24.47	N.STEADMAN-MARTIN	USA	2009
1:14.15	JANIS SHIRRIFF	CAN	2012	1:10.79	S.HEIM-BOWEN	USA	2008	2:24.62	MARGUERITE MEYER	USA	2014
1:14.19	KAREN HUMPHREYS	USA	2005	1:11.08	MELINDA MANN	USA	2006	2:26.28	LO KNAPP	USA	2009
1:14.25	VALERIE JENKINS	USA	2013	1:11.15	LYNN MARSHALL	CAN	2011	2:26.43	HEATHER CAMPBELL	NZL	2008
1:14.30	LYNN MARSHALL	CAN	2011	1:11.44	BARBARA GELLRICH	GER	2011	2:26.64	JACKI HIRSTY	USA	2010
1:14.44	J SWAGERTY-HILL	USA	2002	200 M.	FLY			2:27.49	PAT SARGEANT	USA	2008
200 M.	BACK			2:31.55	LAURA VAL	USA	2001	2:27.53	VERONICA HIBBEN	USA	2014
2:26.64	ELLEN REYNOLDS	USA	2014	2:34.93	LYNN MARSHALL	CAN	2011	2:27.64	JEANNE CARLSEN	CAN	2013
2:33.03	LYNN MARSHALL	CAN	2011	2:37.91	S.REIBEL-OBERLE	GER	2014	400 M.	FREE		
2:35.55	K.PIPES-NEILSEN	FRA	2012	2:40.57	JUDITH HATTLE	GBR	2012	4:50.13	LAURA VAL	USA	2009
2:37.11	NAOKO SHIDE	JPN	2010	2:41.84	S. PALMER-WHITE	AUS	2014	5:00.64	MARGUERITE MEYER	USA	2014
2:39.40	BONNIE BILICH	USA	2009	2:42.16	A.BIAGGI	ECU	2012	5:04.48	N.STEADMAN-MARTIN	USA	2009
2:41.59	CATHY SHEEHAN	CAN	2010	2:43.11	JENNY COOK	USA	2008	5:04.52	JEANNE CARLSEN	CAN	2013
2:42.59	JANIS SHIRRIFF	CAN	2014	2:43.99	CECILIA STANFORD	RSA	2012	5:07.38	BONNIE SPIVEY	USA	2013
2:42.74	LISA WARD	USA	2014	2:44.62	MARIA HUNG	VEN	2014	5:08.19	C.TARANTINO	ITA	2010
2:42.91	AHELEE SUE OSBORN	USA	2009	2:44.93	BARBARA DUNBAR	USA	1999	5:08.91	BARBARA DUNBAR	USA	2004
2:43.14	PATTY LANDERS	USA	2006	200 M.	I.M.			5:09.03	CHRISTIE CIRAULO	USA	2008
50 M.	BRST			2:31.81	ELLEN REYNOLDS	USA	2014	5:09.25	JENNY WHITELEY	AUS	2014
34.18	MONICA CORO	ITA	2012	2:34.32	K.PIPES-NEILSEN	FRA	2012	5:11.32	STACEY WARMUTH	USA	2013
35.42	JENNY WHITELEY	AUS	2009	2:36.62	CECILIA STANFORD	RSA	2011	800 M.	FREE		
35.71	UTE HASSE	ESP	2013	2:36.97	JILL HERNANDEZ	USA	2011	10:05.28	LAURA VAL	USA	2008
36.36	MARJA BLOEMZAAD	NED	2011	2:37.90	JENNY WHITELEY	AUS	2008	10:14.55	JEANNE CARLSEN	CAN	2013
36.40	JUDY GARAY	CAN	2014	2:38.64	LYNN MARSHALL	CAN	2011	10:21.00	MARGUERITE MEYER	USA	2014
36.73	JAN CLARKSON	AUS	2008	2:39.16	S.REIBEL-OBERLE	GER	2014	10:26.45	JENNY WHITELEY	AUS	2014
36.90	ALBENA POPOVA	ITA	2012	2:39.48	NAOKO SHIDE	JPN	2010	10:29.20	C.TARANTINO	ITA	2010
37.07	ELKE SCHMITZ	GER	2014	2:39.49	JENNY COOK	USA	2008	10:38.30	CHRISTIE CIRAULO	USA	2009
37.17	SARAH MACDONALD	CAN	2014	2:41.31	LAURA VAL	USA	2002	10:40.54	CAROLYN BATTIN	USA	2009
37.51	MELINDA MANN	USA	2006	400 M.	I.M.			10:41.10	BARBARA DUNBAR	USA	2004

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10:45.28	BONNIE SPIVEY	USA	2013	1:27.12	BETH ESTEL	USA	2012			
10:45.63	STACEY WARMUTH	USA	2013	200 M.	BRST			*****		
1500 M. FREE				3:02.67	JENNY WHITELEY	AUS	2013	WOMEN 60-64		
19:14.70	LAURA VAL	USA	2007	3:04.04	ESTHER ISEPPI	SUI	2013	*****		
19:30.77	JEANNE CARLSEN	CAN	2013	3:04.32	LO KNAPP	USA	2009	50 M.	FREE	
19:52.61	BARBARA DUNBAR	USA	2004	3:06.72	COLETTE CRABBE	BEL	2014	29.31	LAURA VAL	USA 2011
20:03.64	JENNY WHITELEY	AUS	2013	3:07.00	AMANDA HEATH	GBR	2012	30.11	CHARLOTTE DAVIS	USA 2012
20:06.88	CHRISTIE CIRAULO	USA	2008	3:07.28	KAREN MAREB	USA	2014	30.19	SANDERINA KRUGER	RSA 2011
20:15.42	MARGUERITE MEYER	USA	2014	3:07.76	AVILA RHODES	CAN	2014	30.42	LYNETTE STEVENSON	AUS 2009
20:16.34	BONNIE SPIVEY	USA	2013	3:08.12	KEIKO UTSUMI	JPN	2011	30.55	JACKI HIRSTY	USA 2014
20:17.30	C.TARANTINO	ITA	2010	3:09.28	JENNIFER MERRITT	GBR	2006	30.55	ROSARIO VIVANCO	PER 2009
20:31.89	S.LOFTUS-CHARLEY	USA	2010	3:09.35	DAGMAR FRESE	GER	2014	30.71	LYNN MORRISON	USA 2014
20:38.05	KAREN EINSIDLER	USA	2014	50 M.	FLY			31.16	ANGELA ZINGLER	GER 2014
50 M.	BACK			30.97	TRACI GRANGER	USA	2013	31.28	JANIE COLE	USA 2013
33.75	LAURA VAL	USA	2010	31.42	LAURA VAL	USA	2009	31.39	CONNY BOER-BUYS	NED 2010
34.83	BONNIE BILICH	USA	2014	32.07	HARUMI SUGINUMA	JPN	2012	100 M.	FREE	
35.02	K.ANDRUS-HUGHES	USA	2012	32.08	JENNY WHITELEY	AUS	2013	1:03.83	LAURA VAL	USA 2011
35.13	BENEDICTE DUPREZ	FRA	2006	32.24	JUDY WILSON	GBR	2000	1:06.63	SANDERINA KRUGER	RSA 2009
35.49	LIZ COSGRAVE	IRL	2014	32.38	HEATHER CAMPBELL	NZL	2008	1:07.33	CHARLOTTE DAVIS	USA 2010
35.55	B BARNETT-SALLEE	USA	2002	32.46	HEATHER CAMPBELL	RSA	2012	1:07.46	LYNN MORRISON	USA 2014
35.66	DIANE COETZEE	RSA	2013	32.49	LEIGH RODGERS	AUS	2012	1:08.08	ROSARIO VIVANCO	PER 2009
35.99	ZENA COURTNEY	USA	2014	32.57	CHRISTIE CIRAULO	USA	2008	1:08.50	JACKI HIRSTY	USA 2012
36.05	LINDLEY FLEURY	USA	2014	32.59	PAT SARGEANT	USA	2009	1:09.29	F.WILLIAMSON	USA 2008
36.05	EILEEN LUTHER	GBR	2013	100 M.	FLY			1:10.20	LO KNAPP	USA 2014
100 M.	BACK			1:09.47	LAURA VAL	USA	2009	1:10.29	CONNY BOER-BUYS	NED 2010
1:14.41	LAURA VAL	USA	2008	1:12.50	TRACI GRANGER	USA	2014	1:10.29	CHRISTEL SCHULZ	GER 2004
1:14.42	BONNIE BILICH	USA	2014	1:12.84	COLETTE CRABBE	BEL	2013	200 M.	FREE	
1:17.21	BENEDICTE DUPREZ	FRA	2006	1:13.71	JUDY WILSON	GBR	2000	2:21.48	LAURA VAL	USA 2012
1:17.51	B BARNETT-SALLEE	USA	2002	1:14.29	HARUMI SUGINUMA	JPN	2012	2:29.54	SANDERINA KRUGER	RSA 2010
1:17.52	K.ANDRUS-HUGHES	USA	2012	1:14.63	LEIGH RODGERS	AUS	2014	2:30.96	JACKI HIRSTY	USA 2014
1:18.03	LINDLEY FLEURY	USA	2014	1:14.81	JENNY WHITELEY	AUS	2014	2:31.50	ROSARIO VIVANCO	PER 2009
1:18.09	ZENA COURTNEY	USA	2014	1:15.71	N.STEADMAN-MARTIN	USA	2009	2:31.98	B.BARNETT-SALLEE	USA 2006
1:18.12	LEIGH RODGERS	AUS	2014	1:16.18	PAT SARGEANT	USA	2008	2:32.17	LO KNAPP	USA 2014
1:18.55	HEATHER CAMPBELL	RSA	2012	1:16.54	MATHILDE VINK	NED	2013	2:32.91	N.MARTIN	USA 2014
1:18.89	LIZ COSGRAVE	IRL	2013	200 M.	FLY			2:35.28	CHRISTIE CIRAULO	USA 2013
200 M.	BACK			2:41.51	LAURA VAL	USA	2007	2:36.64	CONNY BOER-BUYS	NED 2012
2:41.50	BONNIE BILICH	USA	2014	2:44.16	N.STEADMAN-MARTIN	USA	2009	2:36.67	CATHY MERRITT	CAN 2014
2:47.52	N.STEADMAN-MARTIN	USA	2009	2:48.14	I.KURTEN-SCHWABE	GER	2014	400 M.	FREE	
2:47.98	EVIE LYNCH	USA	2008	2:52.06	LAURIE ALIOTO	USA	2014	4:59.82	LAURA VAL	USA 2012
2:49.22	COLETTE CRABBE	BEL	2013	2:52.21	LEIGH RODGERS	AUS	2012	5:18.24	JACKI HIRSTY	USA 2014
2:49.57	ZENA COURTNEY	USA	2014	2:52.31	TRACI GRANGER	USA	2013	5:21.02	LO KNAPP	USA 2014
2:49.78	C.TARANTINO	ITA	2010	2:53.11	L.NAGOVITSYNA	RUS	2014	5:21.79	B.BARNETT-SALLEE	USA 2006
2:50.46	LAURA VAL	USA	2007	2:53.74	BARBARA DUNBAR	USA	2004	5:26.48	N.MARTIN	USA 2014
2:50.50	MINDY DOUGHERTY	USA	2009	2:55.05	COLETTE CRABBE	BEL	2012	5:26.75	DOT MUNGER	USA 2014
2:50.54	K.ANDRUS-HUGHES	USA	2012	2:55.50	HARUMI SUGINUMA	JPN	2012	5:26.87	CHRISTIE CIRAULO	USA 2013
2:50.72	BONNIE SPIVEY	USA	2013	200 M.	I.M.			5:26.95	ROSARIO VIVANCO	PER 2009
50 M.	BRST			2:43.43	JENNY WHITELEY	AUS	2014	5:27.37	BARBARA DUNBAR	USA 2009
37.04	JENNY WHITELEY	AUS	2013	2:43.45	LAURA VAL	USA	2008	5:27.98	SUSAN HAIGH	GBR 2012
37.80	DAGMAR FRESE	GER	2014	2:44.01	COLETTE CRABBE	BEL	2013	800 M.	FREE	
38.24	ALISON NYE	GBR	2012	2:46.91	LO KNAPP	USA	2009	10:27.71	LAURA VAL	USA 2011
38.30	JAN WICKS	AUS	2001	2:49.12	HEATHER CAMPBELL	NZL	2008	10:57.17	L.VACA HERNANDEZ	MEX 2014
38.55	COLETTE CRABBE	USA	2013	2:50.14	JENNY COOK	USA	2013	11:03.87	N.MARTIN	USA 2014
38.86	TORILL BERGESEN	NOR	2013	2:50.69	TRACI GRANGER	USA	2013	11:09.56	CHRISTIE CIRAULO	USA 2014
38.88	MELINDA MANN	USA	2014	2:51.62	BONNIE BILICH	USA	2014	11:10.13	LAURA VACA	MEX 2013
39.01	MONIKA SENFTLEBEN	GER	2001	2:51.88	TORILL BERGESEN	NOR	2012	11:12.60	DOT MUNGER	USA 2014
39.10	JENNY COOK	USA	2013	2:52.53	PAT SARGEANT	USA	2009	11:14.64	S.LOFTUS-CHARLEY	USA 2013
39.16	BETH ESTEL	USA	2012	400 M.	I.M.			11:16.81	BARBARA DUNBAR	USA 2009
100 M.	BRST			5:49.40	LAURA VAL	USA	2009	11:16.86	ROSARIO VIVANCO	PER 2009
1:23.16	JENNY WHITELEY	AUS	2013	5:53.27	COLETTE CRABBE	USA	2013	11:17.57	HEIDI ERNST	USA 2012
1:24.78	DAGMAR FRESE	GER	2014	5:53.54	BONNIE SPIVEY	USA	2013	1500 M.	FREE	
1:25.19	LO KNAPP	USA	2009	5:58.55	N.STEADMAN-MARTIN	USA	2009	19:52.85	LAURA VAL	USA 2011
1:25.23	COLETTE CRABBE	BEL	2013	6:07.72	CHARLOTTE DAVIS	USA	2006	21:01.19	S.LOFTUS-CHARLEY	USA 2013
1:25.86	JENNY COOK	USA	2013	6:08.52	ESTHER ISEPPI	SUI	2013	21:02.98	CHRISTIE CIRAULO	USA 2014
1:26.17	AMANDA HEATH	GBR	2012	6:09.10	SUSANNA SORDELLI	ITA	2012	21:16.05	BARBARA DUNBAR	USA 2009
1:26.50	TORILL BERGESEN	NOR	2012	6:11.74	LAURIE ALIOTO	USA	2014	21:24.84	LO KNAPP	USA 2014
1:26.90	KAREN MAREB	USA	2014	6:11.81	MARGUERITE MEYER	USA	2014	21:29.93	L.VACA HERNANDEZ	MEX 2014
1:27.12	AVILA RHODES	CAN	2014	6:12.98	LEIGH RODGERS	AUS	2014	21:36.83	CELESTE MILLER	USA 2010



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21:54.83	JAYNE BALL	GBR	2014	3:19.08	JENNIFER MERRITT	GBR	2012	32.58	CLARY MUNNS	AUS	2009
22:02.26	ANN CAMPBELL	AUS	2009	3:22.24	DIANE FORD	GBR	2006	32.78	BITTE AXLING	SWE	2011
22:05.65	JACKIE MARR	USA	2005	50 M. FLY				33.02	YOSHIKO KADOSAKA	JPN	2014
50 M. BACK				32.27	LAURA VAL	USA	2012	33.03	KAYE BEER	AUS	2009
34.30	LAURA VAL	USA	2012	32.57	CHARLOTTE DAVIS	USA	2012	33.10	JEN THOMASSON	AUS	2008
35.79	B.BARNETT-SALLEE	USA	2006	33.43	ANGELA ZINGLER	GER	2014	100 M. FREE			
35.82	J.SWAGERTY-HILL	USA	2014	33.47	JUDY WILSON	GBR	2004	1:09.63	SANDERINA KRUGER	RSA	2014
36.07	CARLA YOUNG	CAN	2014	33.49	LYNN MORRISON	USA	2014	1:12.00	CHRISTEL SCHULZ	GER	2005
36.61	SATOKO TAKEUJI	JPN	2004	33.63	BETTY CALLAHAN	AUS	1985	1:12.10	CAROLYN BOAK	USA	2010
36.88	CECILIA MCCLOSKEY	USA	2014	33.74	CHRISTIE CIRAULO	USA	2013	1:13.05	YOSHIKO OSAKI	JPN	2004
36.93	LYNETTE STEVENSON	AUS	2009	33.88	RUTH SHAPS	USA	2008	1:13.42	F.WILLIAMSON	USA	2013
36.94	RACHEL BARTON	GBR	2008	34.17	CONNY BOER-BUYS	NED	2012	1:13.99	AIDA DAVIS	PER	2013
37.06	MARIA BALLA	HUN	2004	34.81	JANIE COLE	USA	2013	1:14.01	RUTH SHAPS	USA	2012
37.12	SILVANA ABREU	BRA	2002	100 M. FLY				1:14.28	JEN THOMASSON	AUS	2008
100 M. BACK				1:12.06	LAURA VAL	USA	2011	1:14.67	BRIGITTE MERTEN	GER	2011
1:15.92	LAURA VAL	USA	2013	1:17.34	JUDY WILSON	GBR	2004	1:14.70	DIANN UUSTAL	USA	2013
1:18.91	B.BARNETT-SALLEE	USA	2006	1:18.61	L.VACA HERNANDEZ	MEX	2014	200 M. FREE			
1:19.66	JOAN PFINGSGRAFF	USA	2014	1:18.83	CHARLOTTE DAVIS	USA	2012	2:38.79	SANDERINA KRUGER	RSA	2014
1:20.39	CECILIA MCCLOSKEY	USA	2014	1:20.34	BARBARA DUNBAR	USA	2009	2:39.05	CAROLYN BOAK	USA	2010
1:20.43	SATOKO TAKEUJI	JPN	2002	1:20.92	CHRISTIE CIRAULO	USA	2013	2:42.26	CHRISTEL SCHULZ	GER	2008
1:20.78	BENEDICTE DUPREZ	FRA	2012	1:21.27	BRIGITTE MERTEN	GER	2009	2:42.91	YOSHIKO OSAKI	JPN	2004
1:22.07	MARGARET WILDING	GBR	2000	1:21.31	HARRIET BERGER	GER	2004	2:43.03	F.WILLIAMSON	USA	2013
1:22.28	MARGIT OHLSSON	SWE	2009	1:21.51	LAURA VACA	MEX	2013	2:43.36	JEN THOMASSON	AUS	2008
1:22.85	MARIA BALLA	HUN	2006	1:22.78	MARILYN EARP	AUS	2010	2:45.42	JACKIE MARR	USA	2008
1:23.63	DIANN UUSTAL	USA	2010	200 M. FLY				2:46.93	CHRISTIE HAYES	USA	2014
200 M. BACK				2:41.03	LAURA VAL	USA	2011	2:48.51	CLARA WALKER	USA	1992
2:44.38	LAURA VAL	USA	2013	2:58.64	L.VACA HERNANDEZ	MEX	2014	2:49.58	DIANN UUSTAL	USA	2011
2:50.16	B.BARNETT-SALLEE	USA	2006	3:01.50	N.MARTIN	USA	2014	400 M. FREE			
2:53.05	JOAN PFINGSGRAFF	USA	2014	3:05.07	BARBARA DUNBAR	USA	2009	5:43.10	JEN THOMASSON	AUS	2008
2:55.30	BENEDICTE DUPREZ	FRA	2013	3:10.31	M.NEUMEISTER	GER	2012	5:46.27	YOSHIKO OSAKI	JPN	2003
2:56.46	N.MARTIN	USA	2014	3:11.07	JUNKO SATO	JPN	2014	5:46.65	JACKIE MARR	USA	2008
2:58.02	SATOKO TAKEUJI	JPN	2002	3:12.48	JUDY WILSON	GBR	2004	5:50.35	F.WILLIAMSON	USA	2013
2:59.01	BONNIE PRONK	CAN	2002	3:12.51	CHRISTIE CIRAULO	USA	2014	5:53.42	BARBARA DUNBAR	USA	2014
3:00.06	MARGIT OHLSSON	SWE	2005	3:12.52	SUSANA BARKLEY	ESP	2006	5:53.50	CHRISTIE HAYES	USA	2014
3:00.64	B.STATKEVICIENE	LTU	2013	3:14.44	MIRA GUGLIELMI	ITA	2012	5:54.90	LAVELLE STOINOFF	USA	1998
3:00.82	LINDA HUNT	CAN	2014	200 M. I.M.				5:55.11	CAROLYN BOAK	USA	2011
50 M. BRST				2:47.99	LAURA VAL	USA	2013	5:59.90	MARGARETA RAINER	SWE	2014
38.48	MONIKA SENFTLEBEN	GER	2002	2:52.67	CHARLOTTE DAVIS	USA	2010	6:00.15	SUZANNE DILLS	USA	2012
39.16	BONNIE PRONK	CAN	2002	2:58.08	BRIGITTE MERTEN	GER	2006	800 M. FREE			
39.25	JAN WICKS	AUS	2006	3:00.15	L.VACA HERNANDEZ	MEX	2014	11:52.87	BARBARA DUNBAR	USA	2014
40.11	REGULA STEIGER	SUI	2013	3:00.52	BONNIE PRONK	CAN	2002	11:53.17	JEN THOMASSON	AUS	2008
40.71	SALLY SHIELDS	GBR	2014	3:00.74	CAROLYN BOAK	USA	2006	11:55.93	JACKIE MARR	USA	2008
40.80	DOT MUNGER	USA	2014	3:00.98	KIRA MAKAROVA	RUS	2009	12:06.31	YOSHIKO OSAKI	JPN	2003
40.80	DEB COELLNER	USA	2012	3:01.55	B.STATKEVICIENE	LTU	2013	12:09.23	CARROL WANNELL	AUS	2008
40.87	DEB WALKER	USA	2011	3:02.24	HARRIET BERGER	GER	2004	12:10.69	CHRISTIE HAYES	USA	2014
40.93	HARRIET BERGER	GER	2004	3:02.36	JOAN PFINGSGRAFF	USA	2014	12:11.14	MARGARETA RAINER	SWE	2014
40.95	LO KNAPP	USA	2014	400 M. I.M.				12:13.10	F.WILLIAMSON	USA	2014
100 M. BRST				5:56.27	LAURA VAL	USA	2011	12:22.54	JAN CROFT	AUS	2008
1:27.64	BONNIE PRONK	CAN	2002	6:08.99	CHARLOTTE DAVIS	USA	2010	12:23.32	LAVELLE STOINOFF	USA	1998
1:27.95	LO KNAPP	USA	2014	6:22.61	BRIGITTE MERTEN	GER	2006	1500 M. FREE			
1:29.86	HARRIET BERGER	GER	2004	6:24.05	N.MARTIN	USA	2014	22:28.69	BARBARA DUNBAR	USA	2014
1:29.97	HANNELORE ROSE	GER	2002	6:24.88	L.VACA HERNANDEZ	MEX	2014	22:40.65	JEN THOMASSON	AUS	2008
1:30.66	DEB WALKER	USA	2011	6:26.86	S.LOFTUS-CHARLEY	USA	2013	23:07.49	JACKIE MARR	USA	2008
1:30.97	NOBUKO YASUDA	JPN	2009	6:31.49	JUNKO SATO	JPN	2014	23:35.49	ANN CAMPBELL	AUS	2014
1:31.05	MONIKA SENFTLEBEN	GER	2002	6:33.09	HANNELORE ROSE	GER	2002	23:42.01	LAVELLE STOINOFF	USA	1998
1:31.11	KRISSY MACCUDY	USA	2012	6:33.14	MIRA GUGLIELMI	ITA	2012	23:51.75	JAN CROFT	AUS	2009
1:31.24	DEB COELLNER	USA	2012	6:33.92	BARBARA DUNBAR	USA	2009	23:52.17	MARCIA BARRY	USA	2014
1:31.25	JANETTE JEFFREY	AUS	2012	*****				23:52.54	RITSUKO SUGIMURA	JPN	2010
200 M. BRST				*****				24:03.63	LINDA SHOENBERGER	USA	2012
3:08.07	LO KNAPP	USA	2014	*****				24:07.05	CLARA WALKER	USA	1992
3:14.49	BONNIE PRONK	CAN	2002	*****				50 M. BACK			
3:15.64	JANETTE JEFFREY	AUS	2012	50 M. FREE				37.11	MARGIT OHLSSON	SWE	2011
3:16.08	HANNELORE ROSE	GER	2003	31.43	SANDERINA KRUGER	RSA	2014	37.38	CLARY MUNNS	AUS	2009
3:17.05	KRISSY MACCUDY	USA	2013	31.84	CAROLYN BOAK	USA	2010	37.44	DIANN UUSTAL	USA	2011
3:17.24	DEB WALKER	USA	2011	32.45	RUTH SHAPS	USA	2013	37.54	SATOKO TAKEUJI	JPN	2009
3:18.05	HARRIET BERGER	GER	2004	32.49	DIANN UUSTAL	USA	2011	37.59	JEANNIE JOHNSON	AUS	2013
3:19.03	ULRIKE URBANIAK	GER	2013	32.52	CHRISTEL SCHULZ	GER	2005	38.17	SILVANA ABREU	BRA	2006



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38.85	PAM HUTCHINGS	AUS	2002	36.86	JUDY WILSON	FRA	2009	1:18.79	JUDY WILSON	GBR	2014
39.48	MARIA BALLA	HUN	2009	37.25	GISELA PEKAREK	AUT	2009	1:19.94	GAIL ROPER	USA	1999
39.85	CLARA WALKER	USA	1992	37.36	CLARY MUNNS	AUS	2009	1:20.31	PAM HUTCHINGS	AUS	2008
40.10	SANDERINA KRUGER	RSA	2014	100 M. FLY				1:20.45	JEAN HOWARD-JONES	GBR	2014
100 M. BACK				1:26.13	BRIGITTE MERTEN	GER	2013	1:20.99	HELGA REICH	GER	2008
1:21.81	MARGIT OHLSSON	SWE	2010	1:26.17	CAROLYN BOAK	USA	2010	1:21.38	RENATA BASTEK	POL	2013
1:22.30	DIANN UUSTAL	USA	2011	1:27.73	YOSHIKO OSAKI	JPN	2003	200 M. FREE			
1:23.61	CLARY MUNNS	AUS	2009	1:28.62	KIRA MAKAROVA	RUS	2012	2:48.03	CHRISTEL SCHULZ	GER	2010
1:24.67	SATOKO TAKEUJI	JPN	2007	1:29.47	CLARY MUNNS	AUS	2009	2:49.80	YOSHIKO OSAKI	JPN	2008
1:25.86	MARIA BALLA	HUN	2009	1:30.11	BARBARA DUNBAR	USA	2014	2:50.27	JANE ASHER	GBR	2002
1:26.39	E.KETELSEN	DEN	2010	1:30.29	A SUSAN TYLER	USA	2013	2:52.42	JEN THOMASSON	AUS	2014
1:26.61	BONNIE PRONK	CAN	2008	1:30.78	JUDY WILSON	FRA	2009	2:57.28	LAVELLE STOINOFF	USA	2003
1:27.08	JULIE GUNTHERP	NZL	2012	1:33.38	SILVANA ABREU	BRA	2006	3:00.28	HELGA REICH	GER	2006
1:27.49	RUTH SHAPS	USA	2012	1:33.75	SARAH WELCH	USA	2013	3:01.28	GAIL ROPER	USA	1999
1:27.51	PAM HUTCHINGS	AUS	2002	200 M. FLY				3:03.22	PAM HUTCHINGS	AUS	2008
200 M. BACK				3:21.42	CAROLYN BOAK	USA	2010	3:03.77	E.KETELSEN	DEN	2013
3:00.24	MARGIT OHLSSON	SWE	2011	3:28.48	KIRA MAKAROVA	RUS	2013	3:03.86	BARBARA FENTIMAN	AUS	2004
3:00.75	DIANN UUSTAL	USA	2013	3:29.68	DANIELA BARNEA	USA	2009	400 M. FREE			
3:06.41	BONNIE PRONK	CAN	2008	3:29.68	HANNELORE ROSE	GER	2007	5:54.97	YOSHIKO OSAKI	JPN	2008
3:08.20	SATOKO TAKEUJI	JPN	2007	3:31.05	YOSHIKO OSAKI	JPN	2005	5:59.00	JEN THOMASSON	AUS	2013
3:10.02	TAKAKO NAKAMORI	JPN	2014	3:32.63	SILVANA ABREU	BRA	2006	6:05.25	JANE ASHER	GBR	2004
3:10.55	MARIA BALLA	HUN	2009	3:33.04	FLORA CONNOLLY	GBR	1998	6:11.92	LAVELLE STOINOFF	USA	2003
3:10.66	CLARY MUNNS	AUS	2009	3:33.36	BARBARA DUNBAR	USA	2014	6:22.10	HELGA REICH	GER	2006
3:11.04	JULIE GUNTHERP	NZL	2012	3:33.38	HELGA REICH	GER	2002	6:26.35	REIKO ISHIZAKI	JPN	2008
3:11.77	NORIKO YOSHIDA	JPN	2009	3:36.25	JUNE KRAUSER	USA	1994	6:29.01	RITSUKO SUGIMURA	JPN	2014
3:12.42	JACKIE MARR	USA	2009	200 M. I.M.				6:30.43	JAN CROFT	AUS	2013
50 M. BRST				3:05.32	BRIGITTE MERTEN	GER	2011	6:31.86	ASAKO MIYAKE	JPN	2013
40.51	GIURGIZA GABRILO	CRO	2012	3:06.10	CAROLYN BOAK	USA	2010	6:32.83	MARIA PENNA	BRA	2012
41.52	MONIKA SENFTLEBEN	GER	2009	3:07.68	KIRA MAKAROVA	RUS	2013	800 M. FREE			
41.69	BONNIE PRONK	CAN	2007	3:08.78	MARGIT OHLSSON	SWE	2011	12:13.07	YOSHIKO OSAKI	JPN	2009
41.78	DURDICA GABRILO	CRO	2013	3:08.85	CHRISTEL SCHULZ	GER	2006	12:15.81	JEN THOMASSON	AUS	2014
42.78	SHOKO YONEZAWA	JPN	2002	3:11.94	YOSHIKO OSAKI	JPN	2003	12:32.21	JANE ASHER	GBR	2002
42.85	ANNEROSE TROBISCH	GER	2013	3:13.04	CLARY MUNNS	AUS	2011	12:35.14	LAVELLE STOINOFF	USA	2004
42.97	DIANN UUSTAL	USA	2011	3:13.22	JEN THOMASSON	AUS	2009	12:59.41	HELGA REICH	GER	2006
43.04	HANNELORE ROSE	GER	2007	3:13.33	JACKIE MARR	USA	2008	13:15.45	JUNE KRAUSER	USA	1996
43.21	SHIZUKA HATTORI	JPN	2011	3:13.86	HANNELORE ROSE	GER	2007	13:16.51	REIKO ISHIZAKI	JPN	2008
43.34	NOBUKO YASUDA	JPN	2010	400 M. I.M.				13:21.86	ASAKO MIYAKE	JPN	2012
100 M. BRST				6:37.45	CAROLYN BOAK	USA	2010	13:22.25	JAN CROFT	AUS	2013
1:30.16	GIURGIZA GABRILO	CRO	2012	6:46.46	YOSHIKO OSAKI	JPN	2005	13:24.65	MARIA PENNA	BRA	2011
1:33.23	NOBUKO YASUDA	JPN	2010	6:50.17	BRIGITTE MERTEN	GER	2012	1500 M. FREE			
1:33.55	DURDICA GABRILO	CRO	2013	6:54.46	JACKIE MARR	USA	2008	24:06.48	JANE ASHER	GBR	2001
1:33.69	DIANE FORD	GBR	2008	6:56.94	HANNELORE ROSE	GER	2007	24:24.13	LAVELLE STOINOFF	USA	2003
1:34.53	BONNIE PRONK	CAN	2008	6:57.33	BARBARA DUNBAR	USA	2014	24:49.53	YOSHIKO OSAKI	JPN	2011
1:35.34	HANNELORE ROSE	GER	2007	6:57.73	KIRA MAKAROVA	RUS	2012	25:04.94	BARBARA FENTIMAN	AUS	2004
1:35.75	STELLA HOLDSSTEIN	ISR	2012	6:59.04	CLARY MUNNS	AUS	2012	25:21.24	REIKO ISHIZAKI	JPN	2009
1:35.83	ANNEROSE TROBISCH	GER	2013	7:06.05	KATHY SLIFER	USA	2014	25:25.26	JUNE KRAUSER	USA	1997
1:36.29	JOANN LEILICH	USA	2007	7:06.75	FLORA CONNOLLY	GBR	1998	25:40.43	CLARA WALKER	USA	1996
1:36.41	LUISE KNOPFLE	GER	2004	*****				25:49.86	MARIA PENNA	BRA	2009
200 M. BRST				*****				26:11.02	PENNY WEBSTER	GBR	2012
3:24.25	GIURGIZA GABRILO	CRO	2012	*****				26:17.37	HISAKO SATO	JPN	2005
3:24.79	NOBUKO YASUDA	JPN	2010	*****				50 M. BACK			
3:26.88	HANNELORE ROSE	GER	2007	*****				39.31	CLARY MUNNS	AUS	2014
3:26.98	JOANN LEILICH	USA	2005	50 M. FREE				39.67	SATOKO TAKEUJI	JPN	2012
3:27.24	DIANE FORD	GBR	2008	33.57	CHRISTEL SCHULZ	GER	2010	40.60	E.KETELSEN	DEN	2013
3:27.71	LUISE KNOPFLE	GER	2004	33.61	YOSHIKO OSAKI	JPN	2009	40.84	PAM HUTCHINGS	AUS	2008
3:28.43	MASAYO AZUMA	JPN	2001	34.39	IKUKO OKADO	JPN	2013	41.37	HIROMI SATO	JPN	2012
3:28.49	BONNIE PRONK	CAN	2008	34.64	JANE ASHER	GBR	2004	41.38	YOSHIKO OSAKI	JPN	2009
3:29.42	DURDICA GABRILO	CRO	2013	35.07	RENATA BASTEK	POL	2013	41.77	SHOKO YONEZAWA	JPN	2009
3:30.95	FLORA CONNOLLY	GBR	1998	35.08	JEN THOMASSON	AUS	2013	41.98	MARGARET WILDING	GBR	2009
50 M. FLY				35.17	JEAN HOWARD-JONES	GBR	2014	42.08	JOY WARD	USA	2012
34.09	DIANN UUSTAL	USA	2014	35.22	BETH SCHREINER	USA	2011	42.29	DORIS STEADMAN	USA	1996
35.77	CHRISTEL SCHULZ	GER	2006	35.28	GAIL ROPER	USA	1999	100 M. BACK			
36.03	RUTH SHAPS	USA	2012	35.30	KAYE BEER	AUS	2014	1:26.15	SATOKO TAKEUJI	JPN	2012
36.14	YOSHIKO KADOSAKA	JPN	2014	100 M. FREE				1:30.32	E.KETELSEN	DEN	2013
36.50	MICHIE DOI	JPN	2008	1:14.28	YOSHIKO OSAKI	JPN	2009	1:32.02	CHRISTEL SCHULZ	GER	2010
36.55	KIRA MAKAROVA	RUS	2013	1:15.01	CHRISTEL SCHULZ	GER	2010	1:32.12	CLARY MUNNS	AUS	2014
36.57	BRIGITTE MERTEN	GER	2013	1:17.94	JANE ASHER	GBR	2004	1:32.14	NORIKO YOSHIDA	JPN	2014
				1:18.19	JEN THOMASSON	AUS	2013				



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1:32.51	YOSHIKO OSAKI	JPN	2009	1:42.23	HAIKE HOELER	GER	2006	3:11.83	MARIA PENNA	BRA	2014
1:32.68	JOY WARD	USA	2012	1:42.81	JUDITH OLIVER	CAN	2002	3:12.84	SUSAN LEUNER	RSA	2014
1:33.17	HIROMI SATO	JPN	2012	1:44.87	MARCELA STASTNA	CZE	2007	3:13.24	GAIL ROPER	USA	2005
1:33.49	SHOKO YONEZAWA	JPN	2005	1:44.98	DANIELA BARNEA	USA	2014	3:15.62	REIKO ISHIZAKI	JPN	2013
1:33.61	V. JOHANSSON	SWE	2005	1:45.50	JANE ASHER	GBR	2001	3:15.74	LOTTIE GEURTS	NED	2010
1:33.61	JANE ASHER	GBR	2002	200 M. FLY				3:16.19	DENISE ROBERTSON	AUS	2010
200 M. BACK				3:39.91	JUNE KRAUSER	USA	1996	3:17.42	JEAN TROY	USA	2003
3:11.54	SATOKO TAKEUJI	JPN	2012	3:40.14	JUDY WILSON	GBR	2014	3:18.74	HELGA REICH	GER	2011
3:16.54	NORIKO YOSHIDA	JPN	2014	3:44.93	HELGA REICH	GER	2007	400 M. FREE			
3:16.64	E. KETELSEN	DEN	2013	3:47.29	CLARY MUNNS	AUS	2014	6:12.25	YOSHIKO OSAKI	JPN	2013
3:18.02	JOY WARD	USA	2012	3:47.65	DANIELA BARNEA	USA	2014	6:13.20	JANE ASHER	GBR	2006
3:19.15	CLARY MUNNS	AUS	2014	3:52.01	SILVIA NEUHAUSER	AUT	2001	6:43.02	REIKO ISHIZAKI	JPN	2013
3:21.23	CHRISTEL SCHULZ	GER	2010	3:54.39	JANE ASHER	GBR	2001	6:46.48	HELGA REICH	GER	2012
3:22.49	V. JOHANSSON	SWE	2005	3:58.81	GAIL ROPER	USA	2002	6:48.11	MARIA PENNA	BRA	2014
3:27.58	JANE ASHER	GBR	2002	4:01.36	IVANA FELGROVA	CZE	2012	6:50.41	SUSAN LEUNER	RSA	2014
3:28.60	GERDA WILLIAMS	AUS	2012	4:01.61	JUDIE OLIVER	CAN	2004	6:50.97	DENISE ROBERTSON	AUS	2010
3:28.69	DORIS STEADMAN	USA	1995	200 M. I.M.				6:55.62	JEAN TROY	USA	2002
50 M. BRST				2:59.25	JANE ASHER	GBR	2002	6:56.86	KUMIE TOKUDA	JPN	2014
42.80	MONIKA SENFTLEBEN	GER	2012	3:13.19	YOSHIKO OSAKI	JPN	2008	6:57.29	JUNE KRAUSER	USA	2001
43.45	SHOKO YONEZAWA	JPN	2005	3:14.07	CHRISTEL SCHULZ	GER	2010	800 M. FREE			
43.98	EDITH BOEHM	GER	1999	3:23.89	CLARY MUNNS	AUS	2014	12:58.94	JANE ASHER	GBR	2006
44.77	DIANE FORD	GBR	2013	3:30.51	JUDITH OLIVER	CAN	2002	13:34.69	YOSHIKO OSAKI	JPN	2014
45.53	ELIANE PELLIS	BEL	2004	3:32.07	SHOKO YONEZAWA	JPN	2006	13:57.01	MARIA PENNA	BRA	2014
45.67	JOANN LEILICH	USA	2009	3:32.94	GAIL ROPER	USA	1999	13:58.35	HELGA REICH	GER	2012
46.14	RUTH MULLER	GER	2006	3:33.62	DANIELA BARNEA	USA	2014	14:05.80	DENISE ROBERTSON	AUS	2011
46.37	KAZUKO KAJIWARA	JPN	2009	3:35.13	JUNE KRAUSER	USA	1996	14:10.50	JUNE KRAUSER	USA	2001
46.51	A. OBBERGHEN	BEL	2004	3:36.77	HELGA REICH	GER	2006	14:16.12	SUSAN LEUNER	RSA	2014
46.78	A. LEENE-RODAL	NZL	2003	400 M. I.M.				14:16.35	ANNE WILLIAMS	USA	2013
100 M. BRST				6:54.93	YOSHIKO OSAKI	JPN	2008	14:16.39	JEAN TROY	USA	2003
1:37.39	DIANE FORD	GBR	2013	7:14.67	CLARY MUNNS	AUS	2014	14:17.45	LIZ WALLIS	AUS	2002
1:37.72	SHOKO YONEZAWA	JPN	2007	7:25.26	JANE ASHER	GBR	2001	1500 M. FREE			
1:38.78	JOANN LEILICH	USA	2009	7:30.91	JUNE KRAUSER	USA	1996	24:41.76	JANE ASHER	GBR	2006
1:39.15	MASAYO AZUMA	JPN	2005	7:32.26	DANIELA BARNEA	USA	2014	26:41.71	REIKO ISHIZAKI	JPN	2013
1:41.04	ELIANE PELLIS	BEL	2004	7:35.30	HELGA REICH	GER	2006	26:58.65	DENISE ROBERTSON	AUS	2013
1:41.31	LUISE KNOPFLE	GER	2012	7:38.56	JUDITH OLIVER	CAN	2002	27:09.75	JEAN TROY	USA	2003
1:41.86	MONIKA SENFTLEBEN	GER	2012	7:43.94	JOY WARD	USA	2012	27:19.77	ANNE WILLIAMS	USA	2013
1:42.57	YOSHIKO OSAKI	JPN	2008	7:49.44	GILLIAN TREGENNA	RSA	2012	27:35.17	MARIA PENNA	BRA	2014
1:43.02	DANIELA BARNEA	USA	2014	7:49.98	GAIL ROPER	USA	1999	27:40.67	JUNE KRAUSER	USA	2001
1:43.86	EDITH BOEHM	GER	1999	*****				27:41.38	JANE OBERG	USA	2012
200 M. BRST				*****				27:43.98	MICHIKO OKUMURA	JPN	2006
3:30.66	DIANE FORD	GBR	2013	*****				27:54.35	LIZ WALLIS	AUS	2002
3:34.32	SHOKO YONEZAWA	JPN	2005	*****				50 M. BACK			
3:34.49	JOANN LEILICH	USA	2011	50 M. FREE				42.06	SHOKO YONEZAWA	JPN	2010
3:36.45	LUISE KNOPFLE	GER	2009	34.85	JANE ASHER	GBR	2006	43.16	PAM HUTCHINGS	AUS	2011
3:38.05	MASAYO AZUMA	JPN	2006	35.90	YOSHIKO OSAKI	JPN	2013	43.93	JANE ASHER	GBR	2006
3:42.79	TAYO FUJIEDA	JPN	2009	36.87	GAIL ROPER	USA	2005	43.94	YOSHIKO OSAKI	JPN	2014
3:44.26	YOSHIKO OSAKI	JPN	2010	37.48	JEAN TROY	USA	2002	44.43	DORIS STEADMAN	USA	1999
3:45.28	ELIANE PELLIS	BEL	2004	38.06	JOHNNIE DETRICK	USA	2013	45.77	GRETHE BENDTSEN	DEN	2007
3:45.55	JEN THOMASSON	AUS	2013	38.19	PAM HUTCHINGS	AUS	2011	45.98	EVA JAROSOVA	CZE	2012
3:46.18	DIANE STOWELL	USA	2004	38.20	SHOKO YONEZAWA	JPN	2011	46.00	U. MEYER-TONNDORF	GER	2011
50 M. FLY				38.28	SUSAN LEUNER	RSA	2014	46.17	KERSTIN GJORES	SWE	2002
36.36	JUDY WILSON	GBR	2014	38.28	ODETTE LUSIEN	FRA	2002	46.26	KATHARINA FLORA	ROU	2012
37.93	CHRISTEL SCHULZ	GER	2010	38.47	KERSTIN GJORES	SWE	2002	100 M. BACK			
38.65	HARUMI SUGIMOTO	JPN	2008	100 M. FREE				1:38.62	JANE ASHER	GBR	2006
39.30	YOSHIKO OSAKI	JPN	2008	1:19.71	YOSHIKO OSAKI	JPN	2014	1:38.78	DORIS STEADMAN	USA	2000
39.77	JANE ASHER	GBR	2002	1:20.15	JANE ASHER	GBR	2006	1:38.80	YOSHIKO OSAKI	JPN	2014
40.02	CLAIRE O'DWYER	IRL	2013	1:26.34	SUSAN LEUNER	RSA	2014	1:39.02	SHOKO YONEZAWA	JPN	2010
40.78	HISAKO SATO	JPN	2005	1:26.36	GAIL ROPER	USA	2005	1:41.22	PAM HUTCHINGS	AUS	2011
40.81	BARBARA FRID	USA	2012	1:28.07	JEAN TROY	USA	2002	1:41.44	GRETHE BENDTSEN	DEN	2006
40.88	HAIKE HOELER	GER	2006	1:28.14	YURIKO NAGAMATSU	JPN	2010	1:42.69	BETTY LORENZI	USA	2002
41.25	IKUKO OKADO	JPN	2013	1:29.19	M. CUNNINGHAM	AUS	2001	1:42.73	EVA JAROSOVA	CZE	2011
100 M. FLY				1:29.30	SHOKO YONEZAWA	JPN	2011	1:42.81	JOAN PARNELL	CAN	2003
1:24.55	JUDY WILSON	GBR	2014	1:29.45	LOTTIE GEURTS	NED	2010	1:43.04	HELEN BIRD	AUS	2014
1:34.51	YOSHIKO OSAKI	JPN	2008	1:29.73	MARIA PENNA	BRA	2014	200 M. BACK			
1:39.11	CLARY MUNNS	AUS	2014	200 M. FREE				3:34.35	JANE ASHER	GBR	2006
1:40.85	JUNE KRAUSER	USA	1996	2:54.26	YOSHIKO OSAKI	JPN	2013	3:37.48	DORIS STEADMAN	USA	2000
1:40.90	HELGA REICH	GER	2007	2:56.57	JANE ASHER	GBR	2008	3:38.62	YOSHIKO OSAKI	JPN	2014



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3:40.21	GRETHE BENDTSEN	DEN	2006	4:19.81	LOIS NOCHMAN	USA	1999	7:24.53	JEAN TROY	USA	2007
3:44.55	BETTY LORENZI	USA	2002	4:21.11	CHRISTA SVOBODOVA	CZE	2012	7:30.34	MARGERY MEYER	USA	2003
3:45.98	HELEN BIRD	AUS	2014	4:21.39	JANE ASHER	GBR	2006	7:40.93	AIKO HORII	JPN	2010
3:47.78	EVA JAROSOVA	CZE	2012	4:29.94	ANN HIRSCH	USA	2006	7:42.89	M. CUNNINGHAM	AUS	2005
3:48.04	HARUMI SUGIMOTO	JPN	2013	4:33.11	MARY ANN CASE	USA	2014	7:46.22	JUDIE OLIVER	CAN	2014
3:48.43	KAZU KOYAMA	JPN	2014	4:38.45	SYLVIA EISELE	CAN	2004	7:47.03	DOROTHY DICKEY	AUS	2012
3:48.77	NANCY BROWN	USA	2011	200 M. I.M.				7:49.19	NAN BOHL	USA	2012
50 M. BRST				3:32.94	YOSHIKO OSAKI	JPN	2013	7:51.67	G. MCKENZIE-HICKS	AUS	2008
43.95	SHOKO YONEZAWA	JPN	2010	3:38.46	JANE ASHER	GBR	2006	7:53.37	RITA SIMONTON	USA	1999
46.69	ELIANE PELLIS	BEL	2009	3:48.16	JUDIE OLIVER	CAN	2007	800 M. FREE			
47.10	JOANN LEILICH	USA	2014	3:48.34	JOANN LEILICH	USA	2014	13:51.21	JANE ASHER	GBR	2011
47.59	EDITH BOHM	GER	2003	3:48.59	JUNE KRAUSER	USA	2001	15:12.94	JEAN TROY	USA	2007
47.76	KUMIE TOKUDA	JPN	2012	3:51.28	HELGA REICH	GER	2011	15:21.62	MARGERY MEYER	USA	2003
47.77	GISELA GRUNER	GER	2012	3:53.24	MARCELA STASTNA	CZE	2013	15:32.50	GAIL ROPER	USA	2009
47.84	LUISE KNOPFLE	GER	2014	3:53.65	GRETHE BENDTSEN	DEN	2006	15:44.39	DOROTHY DICKEY	AUS	2012
47.89	A.VAN OBBERGHEN	BEL	2009	3:54.27	TAYO FUJIEDA	JPN	2012	15:51.29	NAN BOHL	USA	2012
48.69	SYLVIA EISELE	USA	2005	3:56.39	SYLVIA NEUHAUSER	AUT	2004	16:04.82	BRITT GRILLI	SWE	2008
48.91	MASAYO AZUMA	JPN	2011	400 M. I.M.				16:05.85	RITA SIMONTON	USA	1998
100 M. BRST				7:39.98	JANE ASHER	GBR	2006	16:09.70	MICHIKO OKUMURA	JPN	2011
1:38.81	SHOKO YONEZAWA	JPN	2010	7:51.71	JUNE KRAUSER	USA	2001	16:09.92	BETTY LORENZI	USA	2008
1:42.18	JOANN LEILICH	USA	2014	8:08.52	HELGA REICH	GER	2011	1500 M. FREE			
1:44.00	LUISE KNOPFLE	GER	2014	8:10.16	ANN HIRSCH	USA	2006	26:29.87	JANE ASHER	GBR	2011
1:44.28	MASAYO AZUMA	JPN	2010	8:17.70	GAIL ROPER	USA	2005	29:04.81	JEAN TROY	USA	2007
1:45.78	ELIANE PELLIS	BEL	2009	8:26.53	URSULA FROHLICH	GER	2010	29:35.03	MARGERY MEYER	USA	2002
1:45.98	A.VAN OBBERGHEN	BEL	2008	8:28.79	SUE MAYNE	AUS	2011	30:27.88	BETTY LORENZI	USA	2008
1:47.73	KUMIE TOKUDA	JPN	2012	8:38.31	JUDIE OLIVER	CAN	2011	30:35.70	FRANCA PARODI	ITA	2013
1:48.15	TAYO FUJIEDA	JPN	2013	8:44.11	KAZU KOYAMA	JPN	2014	30:41.01	RITA SIMONTON	USA	1999
1:48.65	SYLVIA NEUHAUSER	AUT	2004	8:48.78	NANCY BROWN	USA	2011	30:43.41	MICHIKO OKUMURA	JPN	2011
1:50.28	ANN HIRSCH	USA	2006	*****				30:46.79	DOROTHY DICKEY	AUS	2010
200 M. BRST				*****				31:56.32	YOSHIKO KINOSHITA	JPN	2011
3:40.84	JOANN LEILICH	USA	2014	*****				32:09.15	MARJORIE SHARPE	USA	1997
3:41.53	SHOKO YONEZAWA	JPN	2010	*****				50 M. BACK			
3:43.29	LUISE KNOPFLE	GER	2014	50 M. FREE				46.39	BUNNY CEDERLUND	USA	2002
3:44.29	MASAYO AZUMA	JPN	2011	37.45	JANE ASHER	GBR	2011	46.51	JANE ASHER	GBR	2012
3:53.56	A.VAN OBBERGHEN	BEL	2008	38.64	GAIL ROPER	USA	2009	48.77	ALYCE VOGEL	USA	2014
3:54.88	ELIANE PELLIS	BEL	2008	40.45	FLORENCE CARR	USA	2005	49.25	KATHARINA FLORA	ROU	2014
3:55.25	SYLVIA NEUHAUSER	AUT	2004	40.75	JEAN TROY	USA	2007	49.40	MARGERY MEYER	USA	2002
3:55.99	KUMIE TOKUDA	JPN	2012	41.21	OLGA JOHNSON	NZL	2001	49.53	BETTY LORENZI	USA	2009
3:56.14	ANNE WILLIAMS	USA	2013	41.31	HATSUHO SUGAYA	JPN	1994	50.08	GRETHE BENDTSEN	DEN	2010
3:59.30	ANN HIRSCH	USA	2006	41.54	NAN BOHL	USA	2009	50.68	KIMIKO OOKA	JPN	2009
50 M. FLY				41.80	ELIANE PELLIS	BEL	2013	50.96	TAMAE KABURAGI	JPN	2014
41.54	HARUMI SUGIMOTO	JPN	2013	42.11	M. CUNNINGHAM	AUS	2005	50.98	KERSTIN GJORES	SWE	2007
41.99	JANE ASHER	GBR	2006	42.14	BRITT GRILLI	SWE	2009	100 M. BACK			
44.54	HISAKO KITAYAMA	JPN	2012	100 M. FREE				1:46.11	JANE ASHER	GBR	2011
44.95	GAIL ROPER	USA	2004	1:24.18	JANE ASHER	GBR	2011	1:47.29	BETTY LORENZI	USA	2009
45.44	ODETTE LUSIEN	FRA	2002	1:27.55	GAIL ROPER	USA	2009	1:48.15	KATHARINA FLORA	ROU	2014
46.26	FUMIKO NAKAMURA	JPN	2013	1:34.43	MITSUKO KOMURO	JPN	2010	1:48.64	BUNNY CEDERLUND	USA	2002
46.37	MARCELA STASTNA	CZE	2014	1:34.95	NAN BOHL	USA	2009	1:49.52	GRETHE BENDTSEN	DEN	2010
47.74	JEAN TROY	USA	2002	1:35.64	JEAN TROY	USA	2007	1:54.18	JUDIE OLIVER	CAN	2013
47.86	LOIS NOCHMAN	USA	1999	1:36.14	M. CUNNINGHAM	AUS	2007	1:54.49	KIMIKO OOKA	JPN	2009
47.88	JEANNE LITTLE	USA	2012	1:37.18	ELIANE PELLIS	BEL	2013	1:56.12	NANCY KINNEY	USA	2009
100 M. FLY				1:37.78	MARGERY MEYER	USA	2002	1:56.36	KERSTIN GJORES	SWE	2009
1:47.40	JUDIE OLIVER	CAN	2007	1:38.17	OLGA KOKORINA	RUS	2005	1:58.43	JOAN PARNELL	CAN	2008
1:50.12	SYLVIA NEUHAUSER	AUT	2004	1:39.30	UME WADA	JPN	1991	200 M. BACK			
1:50.44	HELGA REICH	GER	2011	200 M. FREE				3:47.96	JANE ASHER	GBR	2012
1:50.99	JANE ASHER	GBR	2006	3:07.40	JANE ASHER	GBR	2011	3:53.25	BETTY LORENZI	USA	2009
1:51.04	MARCELA STASTNA	CZE	2012	3:27.26	JEAN TROY	USA	2007	3:56.63	JUDIE OLIVER	CAN	2014
1:52.12	MARY ANN CASE	USA	2014	3:32.12	GAIL ROPER	USA	2009	3:59.73	BUNNY CEDERLUND	USA	2002
1:54.14	GAIL ROPER	USA	2004	3:37.14	MARGERY MEYER	USA	2003	4:09.14	NANCY KINNEY	USA	2009
1:56.07	JUNE KRAUSER	USA	2001	3:37.56	NAN BOHL	USA	2011	4:10.95	GRETHE BENDTSEN	DEN	2010
1:56.65	ODETTE LUSIEN	FRA	2002	3:38.20	JUDIE OLIVER	CAN	2013	4:11.24	KIMIKO OOKA	JPN	2009
1:56.92	LOIS NOCHMAN	USA	1999	3:40.08	AIKO HORII	JPN	2011	4:11.82	G.SCHOBEL-GRASS	GER	2006
200 M. FLY				3:41.00	DOROTHY DICKEY	AUS	2010	4:11.83	EDITH THEIN	ISR	2000
4:03.55	SYLVIA NEUHAUSER	AUT	2004	3:41.31	G. MCKENZIE-HICKS	AUS	2008	4:12.13	KERSTIN GJORES	SWE	2009
4:06.08	HELGA REICH	GER	2011	3:41.34	BRITT GRILLI	SWE	2009	50 M. BRST			
4:10.69	JUNE KRAUSER	USA	2001	400 M. FREE				48.36	ELIANE PELLIS	BEL	2013
4:17.87	GAIL ROPER	USA	2004	6:39.90	JANE ASHER	GBR	2012	49.49	A.VAN OBBERGHEN	BEL	2012



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53.36	EDITH BOHM	GER	2008	4:18.33	SYLVIA NEUHAUSER	AUT	2009	16:48.12	NAN BOHL	USA	2014
53.40	ANN HIRSCH	USA	2011	4:18.72	JEAN TROY	USA	2007	17:09.73	MARGERY MEYER	USA	2007
53.53	OLGA KOKORINA	RUS	2005	4:23.03	MITSUOKO KOMURO	JPN	2010	17:10.20	BETTY LORENZI	USA	2013
54.30	NAN BOHL	USA	2009	4:24.08	NANCY KINNEY	USA	2009	17:14.24	RITA SIMONTON	USA	2003
56.29	ULLA-BRITT OBERG	SWE	2014	4:25.05	M. CUNNINGHAM	AUS	2005	17:49.83	OLGA JOHNSON	NZL	2006
56.34	BETTY CHRISTIAN	USA	2001	4:25.99	GRETHE BENDTSEN	DEN	2010	18:01.24	G. MCKENZIE-HICKS	AUS	2012
56.57	SHIZUE TOYAMA	JPN	2004	4:33.29	LOIS KIVI NOCHMAN	USA	2006	18:04.57	MARION BEULKE	AUS	2012
56.91	SYLVIA EISELE	USA	2009	400 M. I.M.				18:24.60	MAURINE KORNFELD	USA	2008
100 M. BRST				8:21.88	JANE ASHER	GBR	2011	18:49.76	BETTY RUSS	USA	2012
1:50.05	ELIANE PELLIS	BEL	2013	8:23.81	JUDIE OLIVER	CAN	2012	19:12.10	JEAN DURSTON	USA	1999
1:50.94	A.VAN OBERGHEN	BEL	2011	9:32.43	JEAN TROY	USA	2007	1500 M. FREE			
1:57.17	ANN HIRSCH	USA	2011	9:43.23	LOIS KIVI NOCHMAN	USA	2006	32:11.49	MARGERY MEYER	USA	2009
1:59.30	SYLVIA NEUHAUSER	AUT	2009	9:45.48	GERTRUD MEERWALD	GER	2000	32:32.53	BETTY LORENZI	USA	2012
2:01.21	OLGA KOKORINA	RUS	2005	10:05.13	MAXINE MERLINO	USA	1992	32:33.60	RITA SIMONTON	USA	2003
2:05.45	JANE ASHER	GBR	2011	10:05.95	G.SCHOBEL-GRASS	GER	2006	36:42.40	JEAN DURSTON	USA	1999
2:06.17	NAN BOHL	USA	2009	10:08.13	JEAN DURSTON	USA	1995	36:53.31	BETTY RUSS	USA	2012
2:06.20	JUDIE OLIVER	CAN	2012	10:12.77	BETTY RUSS	USA	2008	37:38.80	Y.KAPLAN-BADER	FRA	2013
2:06.25	SYLVIA EISELE	USA	2009	10:33.43	EDIE GRUENDER	USA	2008	37:52.47	G. MCKENZIE-HICKS	AUS	2012
2:09.19	EMMI PAULI	GER	1993	*****				38:05.96	LOIS KIVI NOCHMAN	USA	2009
200 M. BRST				*****				38:20.39	MAXINE MERLINO	USA	1997
4:05.52	A.VAN OBERGHEN	BEL	2012	*****				39:09.67	WILLY VAN RYSEL	GBR	2001
4:17.64	ANN HIRSCH	USA	2011	*****				50 M. BACK			
4:17.76	SYLVIA NEUHAUSER	AUT	2009	*****				51.81	BETTY LORENZI	USA	2012
4:26.18	OLGA KOKORINA	RUS	2006	50 M. FREE				53.44	BUNNY CEDERLUND	USA	2006
4:28.63	JANE ASHER	GBR	2011	44.70	OLGA JOHNSON	NZL	2006	55.68	KIMIKO OOKA	JPN	2014
4:35.22	JUDIE OLIVER	CAN	2014	44.93	MIEKO KAMOSHITA	JPN	2012	56.57	BETTY CHRISTIAN	USA	2006
4:37.64	SYLVIA EISELE	USA	2009	44.97	JEAN TROY	USA	2012	57.14	KERSTIN GJORES	SWE	2012
4:40.09	EMMI PAULI	GER	1993	46.08	NAN BOHL	USA	2014	58.34	MARGERY MEYER	USA	2008
4:42.28	NAN BOHL	USA	2010	46.20	OLGA KOKORINA	RUS	2012	58.42	AILEEN SOULE	USA	1991
4:42.75	GERTRUD MEERWALD	GER	2000	46.72	MARGERY MEYER	USA	2009	58.87	YOKO KOBAYASHI	JPN	2011
50 M. FLY				48.64	BRITT GRILLI	SWE	2013	59.06	SILVIA CRAVERI	ITA	2009
46.21	JANE ASHER	GBR	2011	48.67	LIZ WALLIS	AUS	2012	59.56	WILLY VAN RYSEL	GBR	2002
47.37	GAIL ROPER	USA	2009	48.95	BETTY RUSS	USA	2012	100 M. BACK			
49.13	JUDIE OLIVER	CAN	2012	48.95	HISAKO KOGA	JPN	2002	1:54.22	BETTY LORENZI	USA	2012
57.43	LOIS KIVI NOCHMAN	USA	2004	100 M. FREE				2:06.41	BUNNY CEDERLUND	USA	2006
57.90	YONE MURATA	JPN	2002	1:43.68	JEAN TROY	USA	2012	2:07.47	KERSTIN GJORES	SWE	2012
58.33	CHIE TANI	JPN	2007	1:45.16	NAN BOHL	USA	2014	2:08.11	KIMIKO OOKA	JPN	2014
58.38	ANN HIRSCH	USA	2011	1:46.13	OLGA KOKORINA	RUS	2009	2:10.44	EDITH THEIN	ISR	2004
58.61	M. CUNNINGHAM	AUS	2005	1:47.59	OLGA JOHNSON	NZL	2006	2:10.46	SILVIA CRAVERI	ITA	2009
59.07	JEAN TROY	USA	2009	1:48.02	MARGERY MEYER	USA	2007	2:12.48	WILLY VAN RYSEL	GBR	2001
59.25	YOSHIKO IKEUCHI	JPN	2011	1:48.59	BETTY LORENZI	USA	2012	2:13.13	AILEEN SOULE	USA	1991
100 M. FLY				1:48.75	RITA SIMONTON	USA	2003	2:14.29	AGNES KISS	HUN	2012
1:54.93	JUDIE OLIVER	CAN	2012	1:49.00	BRITT GRILLI	SWE	2013	2:15.09	MARIA LENK-ZIGLER	USA	2000
2:01.54	SYLVIA NEUHAUSER	AUT	2009	1:49.58	MIEKO KAMOSHITA	JPN	2012	200 M. BACK			
2:02.26	JANE ASHER	GBR	2011	1:51.12	G. MCKENZIE-HICKS	AUS	2012	4:11.77	BETTY LORENZI	USA	2012
2:06.55	LOIS KIVI NOCHMAN	USA	2004	200 M. FREE				4:29.16	EDITH THEIN	ISR	2003
2:14.91	Y.KAPLAN-BADER	FRA	2008	3:49.67	JEAN TROY	USA	2012	4:35.71	BUNNY CEDERLUND	USA	2006
2:21.88	GERTRUD MEERWALD	GER	2000	3:55.17	NAN BOHL	USA	2014	4:38.46	G.SCHOBEL-GRASS	GER	2011
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	3:59.07	LIZ WALLIS	AUS	2012	4:45.60	KERSTIN GJORES	SWE	2012
2:27.91	JEAN DURSTON	USA	1994	3:59.68	RITA SIMONTON	USA	2003	4:46.20	PERSIS RAE	AUS	2007
2:30.44	JEAN TROY	USA	2009	4:01.97	G. MCKENZIE-HICKS	AUS	2012	4:47.82	AILEEN SOULE	USA	1991
200 M. FLY				4:03.29	OLGA JOHNSON	NZL	2006	4:47.98	G.SCHOBEL-GRASS	GER	2012
4:15.19	JUDIE OLIVER	CAN	2012	4:06.65	BRITT GRILLI	SWE	2013	4:52.13	KIMIKO OOKA	JPN	2014
4:22.66	SYLVIA NEUHAUSER	AUT	2009	4:10.20	MARJORIE SHARPE	USA	2002	50 M. BRST			
4:34.86	LOIS KIVI NOCHMAN	USA	2004	4:11.35	BETTY LORENZI	USA	2013	57.24	OLGA KOKORINA	RUS	2009
5:11.67	Y.KAPLAN-BADER	FRA	2008	400 M. FREE				1:01.08	M.KAPCAROVA	SVK	2012
5:12.38	BETTY RUSS	USA	2008	8:06.04	JEAN TROY	USA	2012	1:01.45	NAN BOHL	USA	2014
5:24.52	JEAN DURSTON	USA	1994	8:06.45	NAN BOHL	USA	2014	1:02.35	SYLVIA EISELE	CAN	2014
5:29.93	MAXINE MERLINO	USA	1992	8:14.05	MARGERY MEYER	USA	2007	1:02.92	KIMIE KANAI	JPN	2009
5:34.09	JAE HOWELL	USA	2003	8:17.82	RITA SIMONTON	USA	2003	1:03.16	MICHELE GUILLAIS	FRA	2006
5:48.70	NADIR TAUBERT	BRA	2014	8:31.10	BETTY LORENZI	USA	2013	1:03.39	YOKO KOBAYASHI	JPN	2011
5:51.81	EDIE GRUENDER	USA	2008	8:43.79	OLGA JOHNSON	NZL	2006	1:04.10	ETSUKO KIMURA	JPN	2014
200 M. I.M.				8:43.86	G. MCKENZIE-HICKS	AUS	2012	1:06.48	BETTY CHRISTIAN	USA	2006
3:54.07	JANE ASHER	GBR	2011	8:44.48	LIZ WALLIS	AUS	2012	1:06.72	LIS KNUTZEN	DEN	2005
3:59.70	JUDIE OLIVER	CAN	2012	8:59.95	BETTY RUSS	USA	2012	100 M. BRST			
4:18.27	ANN HIRSCH	USA	2011	9:03.99	VIRGINIA KETELEER	BEL	2011	2:09.75	OLGA KOKORINA	RUS	2009
				800 M. FREE							



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2:20.49	NAN BOHL	USA	2014	10:48.77	LOIS KIVI NOCHMAN	USA	2009	1500 M. FREE			
2:22.94	M.KAPCAROVA	SVK	2012	11:10.37	JEAN DURSTON	USA	1999	36:02.20	RITA SIMONTON	USA	2008
2:24.09	ETSUKO KIMURA	JPN	2014	11:16.32	Y.KAPLAN-BADER	FRA	2014	42:10.07	VALERIE LINCOLN	AUS	2014
2:26.89	SYLVIA EISELE	CAN	2014	11:21.06	MAXINE MERLINO	USA	1997	42:30.27	WILLY VAN RYSEL	GBR	2006
2:28.48	KIMIE KANAI	JPN	2009	11:56.05	JAE HOWELL	USA	2007	43:09.97	JOYCE O'FARRELL	AUS	2010
2:30.21	JEAN TROY	USA	2014	12:16.14	KALIS RASMUSSEN	CAN	2009	44:46.30	MAXINE MERLINO	USA	2002
2:30.30	MASAKO SHOJI	JPN	2014	12:29.83	NORA RONAI	BRA	2010	47:05.74	CHIYOKO TAKIZAWA	JPN	2012
2:31.14	MICHELE GUILLAIS	FRA	2006	13:15.87	JEWEL COOKE	USA	1996	49:40.76	KIKU ONO	JPN	2007
2:34.86	MARTI GOGNIAT	USA	1996					50:26.49	JULIA DOLCE	USA	1999
200 M. BRST				*****				51:19.79	KATH JOHNSTONE	NZL	2007
4:43.93	OLGA KOKORINA	RUS	2009		WOMEN 90-94			52:23.76	KAY SCHIMPF	USA	2007
5:14.41	NAN BOHL	USA	2014	*****				50 M. BACK			
5:21.96	JEAN TROY	USA	2012	50 M. FREE				1:03.49	AILEEN SOULE	USA	1996
5:23.25	BARBARA BOHM	GER	2006	49.68	OLGA KOKORINA	RUS	2013	1:04.78	NOEL MORROW	CAN	2009
5:24.11	EVA KOPLIKOVA	CZE	2012	54.97	HISAKO KOGA	JPN	2007	1:05.08	WILLY VAN RYSEL	GBR	2006
5:26.04	SYLVIA EISELE	CAN	2014	55.48	MAURINE KORNFELD	USA	2011	1:06.02	KALIS RASMUSSEN	CAN	2014
5:26.82	TERUKO ONO	JPN	2013	55.76	AILEEN SOULE	USA	1996	1:08.30	HANA ENATSU	JPN	2013
5:27.60	BETTY CHRISTIAN	USA	2006	56.28	YONE MURATA	JPN	2012	1:10.29	AUDREY ETIENNE	USA	2006
5:29.73	ETSUKO KIMURA	JPN	2014	56.87	RITA SIMONTON	USA	2008	1:11.47	TRUDY BULLIVANT	AUS	2013
5:35.82	MICHIKO HAMURO	JPN	2004	58.80	JULIA DOLCE	USA	1999	1:11.53	FUMI MURATA	JPN	2014
50 M. FLY				1:01.78	NOEL MORROW	CAN	2009	1:12.15	PERSIS RAE	AUS	2011
1:01.94	LOIS KIVI NOCHMAN	USA	2009	1:01.88	MARJORIE STONE	USA	2013	1:12.20	NORA KUTTI	EST	2013
1:06.40	YONE MURATA	JPN	2007	1:02.28	AUDREY ETIENNE	USA	2006	100 M. BACK			
1:09.14	Y.KAPLAN-BADER	FRA	2013	100 M. FREE				2:23.23	AILEEN SOULE	USA	1996
1:09.34	JEAN TROY	USA	2013	1:59.86	OLGA KOKORINA	RUS	2013	2:25.93	WILLY VAN RYSEL	GBR	2006
1:09.57	NORA RONAI	BRA	2010	2:00.12	HISAKO KOGA	JPN	2007	2:30.63	MAURINE KORNFELD	USA	2011
1:10.06	AGNES KISS	HUN	2012	2:03.52	RITA SIMONTON	USA	2008	2:33.12	RITA SIMONTON	USA	2011
1:11.58	JEAN DURSTON	USA	1999	2:08.53	MAURINE KORNFELD	USA	2012	2:34.29	NOEL MORROW	CAN	2009
1:12.00	MARIA LENK	BRA	2000	2:19.14	AUDREY ETIENNE	USA	2006	2:37.52	TRUDY BULLIVANT	AUS	2013
1:13.84	MAXINE MERLINO	USA	1997	2:19.62	AILEEN SOULE	USA	1996	2:39.01	KALIS RASMUSSEN	CAN	2014
1:14.69	SYLVIA EISELE	CAN	2014	2:19.87	JULIA DOLCE	USA	2000	2:41.94	NORA KUTTI	EST	2013
100 M. FLY				2:21.27	JOYCE O'FARRELL	AUS	2010	2:45.73	HANA ENATSU	JPN	2014
2:23.89	LOIS KIVI NOCHMAN	USA	2009	2:25.03	CHIYOKO TAKIZAWA	JPN	2012	2:47.05	MARIA LENK	BRA	2005
2:39.43	JEAN DURSTON	USA	2000	2:25.17	MARJORIE STONE	USA	2013	200 M. BACK			
2:40.97	Y.KAPLAN-BADER	FRA	2013	200 M. FREE				5:17.36	WILLY VAN RYSEL	GBR	2006
2:45.28	DOROTHY WESTON	GBR	1998	4:19.80	RITA SIMONTON	USA	2008	5:28.09	KALIS RASMUSSEN	CAN	2014
2:47.14	BETTY RUSS	USA	2012	4:22.57	OLGA KOKORINA	RUS	2013	5:29.07	AILEEN SOULE	USA	1997
2:52.47	JAE HOWELL	USA	2007	4:30.03	MAURINE KORNFELD	USA	2013	5:30.12	MAURINE KORNFELD	USA	2013
2:59.53	JUNE REYNOLDS	USA	2007	5:06.38	AUDREY ETIENNE	USA	2006	5:38.48	TRUDY BULLIVANT	AUS	2013
2:59.55	MAXINE MERLINO	USA	1997	5:08.88	VALERIE LINCOLN	AUS	2014	5:41.35	MARIA LENK	BRA	2005
3:01.14	KATHERINE PELTON	USA	1991	5:11.52	CHIYOKO TAKIZAWA	JPN	2012	5:46.91	HANA ENATSU	JPN	2014
3:10.22	NORA RONAI	BRA	2011	5:12.24	BETTY BRUSSEL	CAN	2014	5:56.93	JULIA DOLCE	USA	2000
200 M. FLY				5:13.39	FUMI MURATA	JPN	2013	5:58.99	NORA KUTTI	EST	2013
5:07.64	LOIS KIVI NOCHMAN	USA	2009	5:16.84	WILLY VAN RYSEL	GBR	2006	6:05.42	INGEBORG FRITZE	GER	2011
5:41.48	BETTY RUSS	USA	2012	5:19.36	JULIA DOLCE	USA	1999	50 M. BRST			
5:49.75	JEAN DURSTON	USA	1999	400 M. FREE				1:03.72	OLGA KOKORINA	RUS	2013
6:12.31	JAE HOWELL	USA	2007	9:04.93	RITA SIMONTON	USA	2008	1:13.20	INGEBORG FRITZE	GER	2012
6:35.26	MAXINE MERLINO	USA	1998	9:30.36	MAURINE KORNFELD	USA	2011	1:16.17	MARJORIE STONE	USA	2014
6:35.92	JUNE REYNOLDS	USA	2007	10:30.72	HISAKO KOGA	JPN	2009	1:20.53	MICHELE GUILLAIS	FRA	2011
7:18.41	KATHERINE PELTON	USA	1990	10:38.12	BETTY BRUSSEL	CAN	2014	1:25.91	MARIA LENK	BRA	2005
8:02.73	ELLA PECKHAM	USA	1985	10:38.46	VALERIE LINCOLN	AUS	2014	1:26.57	M.GOTTSCALK	GER	1999
8:02.91	KALIS RASMUSSEN	CAN	2009	10:41.86	CHIYOKO TAKIZAWA	JPN	2012	1:27.46	ANNELIESE POKER	GER	2011
8:03.13	NORA RONAI	BRA	2011	10:55.81	FUMI MURATA	JPN	2013	1:29.56	KALIS RASMUSSEN	CAN	2014
200 M. I.M.				10:58.64	WILLY VAN RYSEL	GBR	2006	1:29.94	FUMI MURATA	JPN	2013
5:01.26	JEAN TROY	USA	2014	11:17.74	MAXINE MERLINO	USA	2002	1:30.58	BARBARA BOHM	GER	2010
5:07.89	AGNES KISS	HUN	2013	11:19.66	MARIA LENK	USA	2005	100 M. BRST			
5:11.92	LOIS KIVI NOCHMAN	USA	2009	800 M. FREE				2:27.19	OLGA KOKORINA	RUS	2013
5:16.68	JEAN DURSTON	USA	1999	18:53.58	RITA SIMONTON	USA	2008	2:55.27	MARJORIE STONE	USA	2013
5:25.65	RITA SIMONTON	USA	2004	19:28.25	MAURINE KORNFELD	USA	2012	2:57.56	INGEBORG FRITZE	GER	2011
5:27.56	MAXINE MERLINO	USA	1997	22:01.97	VALERIE LINCOLN	AUS	2014	3:04.80	NAKA FUKUOKA	JPN	2013
5:29.95	KALIS RASMUSSEN	CAN	2009	22:27.49	BETTY BRUSSEL	CAN	2014	3:09.14	KALIS RASMUSSEN	CAN	2014
5:39.68	MARIA LENK	BRA	2000	22:42.50	WILLY VAN RYSEL	GBR	2006	3:12.88	MARIA LENK	USA	2005
5:40.85	JAE HOWELL	USA	2007	22:59.63	JOYCE O'FARRELL	AUS	2010	3:19.15	BARBARA BOHM	GER	2010
5:41.63	JUNE REYNOLDS	USA	2007	23:01.12	MARIA LENK	BRA	2005	3:21.95	M.GOTTSCALK	GER	1999
400 M. I.M.				23:04.42	MAXINE MERLINO	USA	2002	3:30.39	BETTY BRUSSEL	CAN	2014
10:41.24	BETTY RUSS	USA	2012	26:04.96	KATH JOHNSTONE	NZL	2007	3:30.83	LIZ KNUTSEN	DEN	2010
10:45.77	JEAN TROY	USA	2012	26:48.47	KIKU ONO	JPN	2007	200 M. BRST			



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5:21.78	OLGA KOKORINA	RUS	2013	7:34.27	MARGO BATES	AUS	2005	400 M. FREE			
6:38.72	KALIS RASMUSSEN	CAN	2014	7:48.08	LAURA OLIVEIRA	BRA	2014	16:36.80	MIEKO NAGAOKA	JPN	2014
6:53.97	BARBARA BOHM	GER	2010	7:59.19	KATH JOHNSTONE	NZL	2014	800 M. FREE			
6:54.46	INGEBORG FRITZE	GER	2012	8:57.26	M.DE FROMONT	FRA	2006	38:04.30	MIEKO NAGAOKA	JPN	2014
6:57.76	MARIA LENK	USA	2005	9:24.83	BERNARDA ANGULO	ESP	2007	1500 M. FREE			
7:10.69	BETTY BRUSSEL	CAN	2014	11:15.91	ANNE DUNIVIN	USA	2012	74:08.73	MIEKO NAGAOKA	JPN	2014
7:45.45	MICHIKO HAMURO	JPN	2009	400 M. FREE				50 M. BACK			
8:30.18	EVA MULLER	USA	2002	10:47.07	RITA SIMONTON	USA	2013	1:33.89	MIEKO NAGAOKA	JPN	2014
8:31.18	GERTRUD ZINT	USA	2007	13:52.13	MIEKO NAGAOKA	JPN	2011	2:52.85	MARGO BATES	AUS	2010
9:49.19	CHARLOTTE SANDDAL	USA	2014	15:43.16	KATH JOHNSTONE	NZL	2014	100 M. BACK			
50 M. FLY				18:16.28	BERNARDA ANGULO	ESP	2007	3:39.81	MIEKO NAGAOKA	JPN	2014
1:22.05	YONE MURATA	JPN	2012	18:32.26	M.DE FROMONT	FRA	2006	6:36.82	MARGO BATES	AUS	2010
1:22.77	NORA RONAI	BRA	2014	22:01.50	ANNE DUNIVIN	USA	2011	200 M. BACK			
1:29.40	CHARLOTTE SANDDAL	USA	2013	800 M. FREE				8:05.64	MIEKO NAGAOKA	JPN	2014
1:33.12	RITA SIMONTON	USA	2008	21:53.69	RITA SIMONTON	USA	2013				
1:45.61	KALIS RASMUSSEN	CAN	2014	29:29.02	MIEKO NAGAOKA	JPN	2010	*****			
1:53.22	R.FLORES	MEX	2014	33:53.37	KATH JOHNSTONE	NZL	2012	M E N 25-29			
2:29.08	GERTRUD ZINT	USA	2007	1500 M. FREE				*****			
4:42.00	HILDA BUEL	USA	2006	41:39.68	RITA SIMONTON	USA	2013	50 M. FREE			
4:57.25	ANNA BAUSCHER	USA	1994	54:09.81	MIEKO NAGAOKA	JPN	2011	22.34	A.LIUKKONEN	FIN	2014
100 M. FLY				50 M. BACK				22.79	A.WADDELL	AUS	1992
3:39.01	NORA RONAI	BRA	2014	1:14.31	RITA SIMONTON	USA	2013	22.97	SERGEY MUKHIN	RUS	2013
4:44.20	R.FLORES	MEX	2014	1:19.05	MIEKO NAGAOKA	JPN	2009	23.15	C.GRAHLEMANN	GER	2009
200 M. FLY				1:37.73	KIKU ONO	JPN	2013	23.21	YURI COSTA	BRA	2014
8:52.22	NORA RONAI	BRA	2014	1:39.68	EDITH HENDRY	USA	2007	23.24	THIAGO REZZO	BRA	2014
10:39.85	R.FLORES	MEX	2014	1:42.07	JULIA DOLCE	USA	2005	23.26	KEN SORGI	BRA	2014
200 M. I.M.				1:45.87	MASAKO MATSUNO	JPN	2012	23.34	YOSHIHIRO ASO	JPN	2014
6:30.12	RITA SIMONTON	USA	2008	1:49.08	CLARICE ARTIS	AUS	2013	23.34	DMITRIY KALENOV	RUS	2013
6:32.52	NORA RONAI	BRA	2014	1:56.24	LAURA OLIVEIRA	BRA	2014	23.35	SHEHAB YOUNIS	EGY	2014
6:35.70	MAXINE MERLINO	USA	2003	1:57.79	MARGE ANDERSON	CAN	1998	100 M. FREE			
6:55.97	KALIS RASMUSSEN	CAN	2014	2:00.33	ROSA SELLARES	ESP	2005	50.45	MATTHEW MCGINNIS	USA	2013
7:24.79	R.FLORES	MEX	2014	100 M. BACK				50.74	NICK SHACKELL	USA	2000
8:11.91	CHARLOTTE SANDDAL	USA	2014	2:42.67	RITA SIMONTON	USA	2013	50.81	A.LIUKKONEN	FIN	2014
12:03.55	HILDA BUEL	USA	2004	2:55.56	MIEKO NAGAOKA	JPN	2010	51.06	ADAM RITTER	USA	2013
12:10.93	ANNA BAUSCHER	USA	1994	3:26.93	MASAKO MATSUNO	JPN	2011	51.23	EDVALDO SILVA	BRA	2007
400 M. I.M.				3:40.79	CLARICE ARTIS	AUS	2013	51.26	KOSUKE MAEDA	JPN	2013
14:12.52	NORA RONAI	BRA	2014	3:42.90	EDITH HENDRY	USA	2007	51.31	A.SCHONENBERGER	BRA	2014
16:29.91	R.FLORES	MEX	2014	4:03.66	LAURA OLIVEIRA	BRA	2014	51.36	SERGEY MUKHIN	RUS	2013
				4:16.79	MARGE ANDERSON	CAN	1998	51.37	STEFAN OOSTING	NED	2009
*****				4:18.07	ROSA SELLARES	ESP	2005	51.63	KOHEI KAWAMOTO	JPN	2005
WOMEN 95-99				4:19.08	BERNARDA ANGULO	ESP	2009	200 M. FREE			
*****				4:48.93	MARGO BATES	AUS	2005	1:51.00	JOHN KEPPELER	USA	1996
50 M. FREE				200 M. BACK				1:51.39	ADAM RITTER	USA	2013
1:07.45	RITA SIMONTON	USA	2013	6:17.46	RITA SIMONTON	USA	2014	1:52.19	JOE TRISTAN	USA	2000
1:14.38	SHIZUE SHIMIZU	JPN	2006	6:29.99	MIEKO NAGAOKA	JPN	2010	1:52.77	MARIO MONTOYA	CRC	2014
1:14.72	MARGO BATES	AUS	2007	7:52.01	EDITH HENDRY	USA	2007	1:52.82	CHRIS KING	RSA	2012
1:17.53	JULIA DOLCE	USA	2005	8:49.98	BERNARDA ANGULO	ESP	2009	1:53.16	CHRISTIAN HEIN	GER	2007
1:20.84	CLARICE ARTIS	AUS	2013	11:32.56	ANNE DUNIVIN	USA	2011	1:53.68	EDVALDO SILVA	BRA	2007
1:23.96	MIEKO NAGAOKA	JPN	2010	50 M. BRST				1:53.76	MICHAEL KIEDEL	USA	2000
1:24.39	AUDREY ETIENNE	USA	2012	2:24.40	MIEKO NAGAOKA	JPN	2011	1:53.86	STEVEN MELLOR	GBR	2001
1:26.72	KIKU ONO	JPN	2012	3:02.62	KATH JOHNSTONE	NZL	2014	1:54.22	STEFAN OOSTING	NED	2009
1:37.38	KATH JOHNSTONE	NZL	2012	3:13.99	MICHIKO HAMURO	JPN	2014	400 M. FREE			
1:41.16	MASAKO MATSUNO	JPN	2011	4:20.32	ROSA SELLARES	ESP	2005	4:00.98	HONZA VITAZKA	USA	2002
100 M. FREE				100 M. BRST				4:01.70	STEVE MELLOR	GBR	2001
2:23.86	RITA SIMONTON	USA	2013	8:00.98	MICHIKO HAMURO	JPN	2014	4:02.79	MARTIN HOHL	SUI	2009
2:56.83	MIEKO NAGAOKA	JPN	2009					4:02.95	BART REYEMEN	BEL	1998
3:08.43	JULIA DOLCE	USA	2005	*****				4:03.32	MARIO MONTOYA	CRC	2014
3:09.64	MARGO BATES	AUS	2006	WOMEN 100-104				4:03.63	ALEX KOSTICH	USA	1997
3:15.49	AUDREY ETIENNE	USA	2011	*****				4:05.99	CHIP HOBSON	USA	1994
3:18.26	LAURA OLIVEIRA	BRA	2014	50 M. FREE				4:06.99	MARCUS MATTIOLI	ITA	1988
3:32.02	KATH JOHNSTONE	NZL	2014	1:41.88	MIEKO NAGAOKA	JPN	2014	4:07.72	ROLAND LEE	GBR	1992
4:06.70	MARGE ANDERSON	CAN	1998	5:10.84	MARY MAINA	AUS	1994	4:07.73	CAMERON REID	USA	1987
4:10.10	NANCY ANN DODSON	USA	2013	100 M. FREE				800 M. FREE			
4:13.30	BERNARDA ANGULO	ESP	2009	3:45.85	MIEKO NAGAOKA	JPN	2014	8:22.43	ROBERT NUSSLE	GER	2013
200 M. FREE				6:17.75	MARGO BATES	AUS	2010	8:24.67	ALEX KOSTICH	USA	1997
5:04.08	RITA SIMONTON	USA	2013	200 M. FREE				8:27.48	MICHAEL DMITRIEV	GER	2012
6:30.34	MIEKO NAGAOKA	JPN	2009	7:48.76	MIEKO NAGAOKA	JPN	2014	8:29.22	NICOLAS GRANGER	FRA	1994



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16:33.70	IGOR PIOVESAN	ITA	2008	2:21.25	HIROYUKI KOSAKA	JPN	2009	22.76	MARK FOSTER	GBR	2005
16:34.31	DAVID GENET	FRA	2012	2:21.28	TOMASZ DUSZYNSKI	POL	2008	23.19	EDUARD LORENTE	ESP	2014
16:35.67	SEBASTIAN WIESE	GER	2003	2:21.43	JACOB CARSTENSEN	DEN	2012	23.20	ROWDY GAINES	JPN	1994
16:36.06	BOBBY PATTEN	USA	1993	2:22.36	TAKAHIRO MORI	JPN	2012	23.28	RYK NEETHLING	RSA	2012
16:38.24	JEFF ERWIN	USA	1998	2:22.62	KAZUYA KOIKE	JPN	2009	23.28	M.GIALDI	ITA	2004
16:42.28	RON NEUGENT	USA	1991	2:22.70	F.PAQUOT	FRA	2013	23.37	BRIAN JACOBSON	USA	2012
16:42.60	ANDREA MARCATO	ITA	2005	2:22.88	SIMONE BATTISTON	ITA	2009	23.53	SVEN GUSKE	GER	2009
50 M. BACK				50 M. FLY				23.59	STEFAN VOLERY	SUI	1996
25.98	DARIAN TOWNSEND	USA	2014	23.26	ROLAND SCHOEMAN	USA	2013	23.60	FELIPE DELGADO	USA	2009
26.02	STEFAN HERBST	GER	2011	24.59	KEVIN DOAK	USA	2012	23.76	SVEN LODZIEWSKI	GER	2004
26.42	KEVIN DOAK	USA	2012	24.61	ADAM PINE	AUS	2009	100 M. FREE			
26.54	R.FLOREA	ROM	2010	24.73	OSWALDO QUEVEDO	USA	2006	50.78	HIDEAKI HARA	JPN	2009
26.59	DERYA BUYUKUNCU	USA	2009	24.84	DARIAN TOWNSEND	USA	2014	51.49	ROWDY GAINES	USA	1995
26.64	MARTIN HARRIS	GBR	2002	24.91	GARY HALL	USA	2005	51.98	SVEN LODZIEWSKI	GER	2004
26.68	V.SHIRSHOV	UKR	2011	25.02	OLEG LISOGOR	UKR	2011	52.15	RICHARD SAEGER	USA	2001
26.89	VIKTOR AREFYEV	UKR	2005	25.02	ALEXANDER KAHL	GER	2007	52.22	VLAD PYSHNENKO	USA	2006
27.09	DANIEL GOIS	BRA	2006	25.11	I.GHERGHEL	ROM	2010	52.23	MICHAEL ROSS	USA	2004
27.13	STEV THELOKE	GER	2012	25.16	BRIAN ALDERMAN	USA	2000	52.27	TODD ROBINSON	AUS	2009
100 M. BACK				100 M. FLY				52.68	R.LOCOCIOLO	ITA	2009
55.93	DARIAN TOWNSEND	USA	2014	53.11	ADAM PINE	AUS	2009	52.78	CLAUS IVERSEN	DEN	2013
56.55	STEFAN HERBST	GER	2011	53.65	DARIAN TOWNSEND	USA	2014	52.93	JOCHEN BRUHA	GER	2004
57.24	MARTIN HARRIS	GBR	2000	54.19	I.GHERGHEL	ROM	2010	200 M. FREE			
57.46	R.FLOREA	ROM	2010	54.83	KEVIN DOAK	USA	2012	1:52.84	VLAD PYSHNENKO	USA	2006
57.58	KEVIN DOAK	USA	2012	55.01	TAMAS KEREKJARTO	USA	2009	1:54.86	RICHARD SAEGER	USA	2001
58.46	NAOYUKI WATANABE	JPN	2014	55.39	HIROKI NAKAZONO	JPN	2009	1:55.36	ROWDY GAINES	JPN	1994
58.61	MARCO MACCIANTI	ITA	2014	55.67	MATT HAUPT	USA	2010	1:55.62	MICHAEL ROSS	USA	2006
58.66	SEAN MURPHY	USA	1994	56.23	MARCO MACCIANTI	ITA	2013	1:55.68	JOCHEN BRUHA	GER	2004
58.74	TAKUMA YAMAOKA	JPN	2009	56.25	RAZVAN PETCU	USA	2004	1:56.02	RONALD KARNAUGH	USA	2003
59.06	SIMON BURNETT	USA	2014	56.49	ROBERTO FIUZA N	BRA	1999	1:56.31	HIDEAKI HARA	JPN	2012
200 M. BACK				200 M. FLY				1:56.45	GUSTAVO HELENO	BRA	2011
2:02.75	ROGERIO ROMERO	BRA	2000	2:00.33	MIGUEL ALCALDE	ESP	2007	1:57.37	ERIK HOCHSTEIN	USA	2003
2:04.43	R.FLOREA	ROM	2010	2:03.76	MATT HAUPT	USA	2010	1:57.61	CLAUS IVERSEN	DEN	2012
2:05.62	SEAN MURPHY	USA	1994	2:03.85	BOBBY PATTEN	USA	1995	400 M. FREE			
2:06.30	MARTIN HARRIS	GBR	2000	2:06.79	ASUKA KOIZUMI	JPN	2009	4:05.91	PETAR STOYCHEV	GER	2012
2:06.61	KEITH BEAVERS	CAN	2014	2:06.82	PHILIPPE MEYER	SUI	2005	4:06.73	GUSTAVO HELENO	BRA	2011
2:08.11	MARK VOGEL	DEN	2000	2:06.84	IAN BECK	GBR	1996	4:07.64	ROWDY GAINES	USA	1995
2:08.21	ROSTISLAV VITEK	CZE	2009	2:07.71	JAMES BELARDI	USA	1987	4:09.74	DANIEL VERDAGUER	ESP	2006
2:09.47	JEROME FAROUZE	FRA	2006	2:08.03	LOIC LEROY	FRA	2012	4:10.15	CLAUS IVERSEN	DEN	2012
2:09.72	MARCO MACCIANTI	ITA	2012	2:08.06	JULIEN BAILLOD	SUI	2011	4:10.31	ERIK HOCHSTEIN	USA	2003
2:09.81	LEONARDO GOMES	BRA	2006	2:08.25	TAMAS KEREKJARTO	USA	2010	4:10.54	IGOR PIOVESAN	ITA	2009
50 M. BRST				200 M. I.M.				4:12.48	CHRIS FYDLER	AUS	2009
28.59	CARLOS ALENCAR	BRA	2009	2:03.54	DIOGO YABE	BRA	2011	4:12.56	ANDREA MARCATO	ITA	2009
28.63	OLEG LISOGOR	UKR	2010	2:04.91	KEITH BEAVERS	CAN	2014	4:13.24	R SEAN JUSTICE	USA	2011
28.86	RYOSUKE IMAI	JPN	2009	2:05.52	ISTVAN BATHAZI	USA	2009	800 M. FREE			
29.01	JEFF COMMINGS	USA	2006	2:05.60	TAMAS KEREKJARTO	USA	2010	8:18.44	PETAR STOYCHEV	GER	2012
29.15	BRIAN JACOBSON	USA	2005	2:07.38	JACOB CARSTENSEN	DEN	2010	8:35.29	GUSTAVO HELENO	BRA	2011
29.19	BASTIAN KAMPMANN	GER	2010	2:07.97	KOSUKE KOJIMA	USA	2009	8:38.73	ROWDY GAINES	USA	1996
29.25	GARY MARSHALL	USA	2012	2:08.89	NICOLAS GRANGER	FRA	2000	8:39.37	ANDREA MARCATO	ITA	2009
29.30	TIMO NOLTE	GER	2006	2:09.34	C.SORRENTINO	ITA	2008	8:39.49	IGOR PIOVESAN	ITA	2009
29.36	JORG FARBER	GER	2009	2:09.69	DAVID LUNDBERG	USA	1991	8:41.16	DANIEL VERDAGUER	ESP	2006
29.38	MASAHIKO KUBOTA	JPN	2009	2:09.70	JOSH DAVIS	USA	2006	8:41.53	R SEAN JUSTICE	USA	2011
29.38	RYUTARO MORITA	JPN	2009	400 M. I.M.				8:46.26	JIMMY FURRER	SUI	1996
100 M. BRST				4:24.11	LUKASZ WOJT	GER	2013	8:46.34	E.MASSIMILIANO	ITA	2012
1:02.71	ED MOSES	USA	2011	4:31.36	DIOGO YABE	BRA	2012	8:49.89	ALEJANDRO MORENO	MEX	2004
1:02.90	EDUARDO FISCHER	BRA	2011	4:32.74	KEITH BEAVERS	CAN	2014	1500 M. FREE			
1:03.59	GARY MARSHALL	USA	2013	4:33.91	THOMAS LURZ	GER	2012	16:00.04	PETAR STOYCHEV	GER	2012
1:03.67	RYOSUKE IMAI	JPN	2011	4:35.41	ASUKA KOIZUMI	JPN	2010	16:32.72	CHRISTOPHER DERKS	USA	2008
1:04.91	JACOB CARSTENSEN	DEN	2010	4:38.28	JULIEN BAILLOD	SUI	2012	16:36.50	ANDREA MARCATO	ITA	2009
1:05.02	NICK GILLINGHAM	GBR	1999	4:38.36	C.SORRENTINO	ITA	2008	16:37.34	ROWDY GAINES	USA	1995
1:05.10	JEFF COMMINGS	USA	2007	4:39.92	NICOLAS GRANGER	FRA	2000	16:38.48	R SEAN JUSTICE	USA	2011
1:05.13	UMBERTO RAMELLI	ITA	2009	4:40.22	SEAN MURPHY	USA	1994	16:40.90	IGOR PIOVESAN	ITA	2009
1:05.15	BASTIAN KAMPMANN	GER	2010	4:40.44	DAVID LUNDBERG	USA	1992	16:45.04	MIKE SHAFFER	USA	2002
1:05.17	TUDOR IGNAT	ROM	2010	*****				16:50.83	ERIK HOCHSTEIN	USA	2003
200 M. BRST				M E N 35-39				16:59.46	DANIEL VEATCH	USA	2001
2:18.04	GARY MARSHALL	USA	2012	*****				17:06.10	OLIVIER VAHE	FRA	2009
2:19.67	ED MOSES	USA	2011	50 M. FREE				50 M. BACK			
2:20.43	NICK GILLINGHAM	GBR	1999					26.99	STEV THELOKE	GER	2013



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27.03	EDILSON SILVA	USA	2009	25.00	WADE KING	USA	2002	100 M. FREE			
27.11	LEONARDO GOMES	BRA	2009	25.10	LEONARDO GOMES	BRA	2009	51.72	VLAD PYSHNENKO	USA	2010
27.21	OSAMU ITOI	JPN	2009	25.18	GLENN COUNTS	USA	2012	52.10	ERIK HOCHSTEIN	USA	2009
27.42	SIMON THIRSK	RSA	2013	25.22	MAKIO ENDO	JPN	2009	52.42	MICHAEL ROSS	USA	2009
27.47	VIKTOR AREFIEV	UKR	2012	25.23	EIJI NOMURA	JPN	2010	52.55	CHRIS FYDLER	AUS	2012
27.50	MICHAEL ROSS	USA	2004	25.31	JAN KARLSSON	SWE	2005	53.19	STEFAN OPATRIL	AUT	2009
27.60	J CLAY BRITT	USA	1999	25.41	DENIS SILANTJEV	UKR	2011	53.30	BRIAN JACOBSON	USA	2013
27.63	C.SORRENTINO	ITA	2009	25.42	IGOR MARCHENKO	USA	2012	53.31	TOMMY RUNDGREN	FIN	2009
27.68	RICK GOULD	USA	2006	100 M. FLY				53.45	RICH SAEGER	USA	2006
100 M. BACK				55.82	HIDEAKI HARA	JPN	2011	53.66	JOAKIM SJOHOLM	SWE	2004
59.04	STEV THELOKE	GER	2013	55.84	EIJI NOMURA	JPN	2009	53.69	CYRO DELGADO	BRA	2002
59.18	MICHAEL ROSS	USA	2006	56.07	MICHAEL ROSS	USA	2004	200 M. FREE			
59.50	OSAMU ITOI	JPN	2009	56.28	STEPHEN MAVIN	GBR	2012	1:53.65	VLAD PYSHNENKO	USA	2010
59.65	JEFF COMMINGS	USA	2012	56.39	TYLER JOURDONNAIS	USA	2000	1:55.06	MICHAEL ROSS	USA	2009
59.91	ERIC ERICSON	USA	2000	56.41	BERNIE ZERUHN	USA	2006	1:55.06	RICH SAEGER	USA	2006
1:00.00	RICK GOULD	USA	2006	56.60	JEFF STUART	USA	1996	1:55.70	ERIK HOCHSTEIN	USA	2008
1:00.07	SIMON THIRSK	RSA	2012	56.76	FRANK WATTLES	USA	2007	1:58.50	KAI DITZEL	GER	2004
1:00.13	J CLAY BRITT	USA	1999	57.10	HENRY CLARK	USA	2003	1:58.60	ROSS DAVIS	USA	2006
1:00.29	RICHARD SAEGER	USA	2001	57.15	CLAUS IVERSEN	DEN	2013	1:58.61	PAUL SMITH	USA	2001
1:00.34	MARK VOGEL	DEN	2009	200 M. FLY				1:58.66	JOCHEN BRUHA	GER	2009
200 M. BACK				2:06.74	JEFF STUART	USA	1996	1:58.66	JEFFREY UTSCH	USA	2008
2:07.16	RON KARNAUGH	USA	2001	2:07.13	BERNIE ZERUHN	USA	2006	1:58.74	JURE BUCAR	SLO	2006
2:09.26	DANIEL VEATCH	USA	2000	2:08.13	KIMITAKA MINOBE	JPN	2011	400 M. FREE			
2:09.65	DARRYL FOLLOWS	NZL	2002	2:08.51	WILLIAM SPECHT	USA	1994	4:06.74	ERIK HOCHSTEIN	USA	2009
2:09.67	A.PONTALTI	ITA	2012	2:08.65	MIKE SHAFFER	USA	2002	4:11.55	DENNIS BAKER	USA	2004
2:10.38	NICHOLAS GRANGER	FRA	2002	2:09.03	PHILIPPE MEYER	SUI	2006	4:12.99	IGOR PIOVESAN	ITA	2014
2:10.59	RICK GOULD	USA	2006	2:09.10	FRANK WATTLES	USA	2007	4:13.65	MARK THOMPSON	AUS	2009
2:11.60	TAKAYUKI MIYASAKA	JPN	2012	2:09.18	JAMES BELARDI	USA	1992	4:13.82	JURE BUCAR	SLO	2006
2:12.18	DEREK GUFFEY	USA	2009	2:09.36	DENNIS BAKER	USA	2000	4:14.37	MICHAEL PRUFERT	GER	2006
2:12.39	SIMON THIRSK	RSA	2012	2:09.77	HENRY CLARK	USA	2002	4:14.54	PAUL LEMMON	AUS	2009
2:12.72	ANTONINO TRIPPODO	ITA	2014	200 M. I.M.				4:15.57	BRETT PHILLIPS	USA	2001
50 M. BRST				2:05.64	RONALD KARNAUGH	USA	2003	4:15.71	MICHAEL KLEIBER	GER	2004
28.53	JEFF COMMINGS	USA	2009	2:11.23	NICOLAS GRANGER	FRA	2002	4:15.78	KAI DITZEL	GER	2004
28.80	VLADISLAV BRAGIN	RUS	2009	2:12.03	TAMAS KEREKJARTO	USA	2014	800 M. FREE			
29.09	WALLY DICKS	USA	1998	2:12.25	R.LOCOCCILO	ITA	2010	8:37.81	ALEX KOSTICH	USA	2010
29.19	ANDRIY KULYK	UKR	2012	2:12.37	CLAUS IVERSEN	DEN	2012	8:41.65	JEFF ERWIN	USA	2005
29.21	TIMO NOLTE	GER	2010	2:13.02	JEROME FRENTSOS	USA	2000	8:44.89	DANIEL SERRA	ESP	2008
29.40	KRASIMIR ZAHOV	BUL	2014	2:13.04	HIROYUKI KOSAKA	JPN	2011	8:46.51	MICHAEL KLEIBER	GER	2005
29.40	SATORU UMEZAKI	JPN	2014	2:13.27	ALBERTO MONTINI	ITA	2007	8:46.61	MICHAEL PRUFERT	GER	2005
29.40	GERALD MORKEN	GER	1996	2:13.51	A.PONTALTI	ITA	2012	8:47.75	FREDERIK HVIID	USA	2014
29.56	RODRIGO BARDI	BRA	2014	2:13.71	JEFF COMMINGS	USA	2013	8:48.69	JOSEPH RHYNE	USA	1999
29.57	PETTERI LEHTINEN	FIN	2009	400 M. I.M.				8:49.38	RYAN COX	USA	2013
100 M. BRST				4:34.10	RON KARNAUGH	USA	2001	8:51.28	A.CHAMBERLAIN	GBR	2014
1:03.76	JEFF COMMINGS	USA	2013	4:42.45	NICOLAS GRANGER	FRA	2002	8:51.45	STUART CROMARTY	USA	2004
1:04.73	NICK GILLINGHAM	GBR	2004	4:43.17	JEROME FRENTSOS	USA	2000	1500 M. FREE			
1:04.91	STEVE WEST	USA	2011	4:43.39	ANTONINO TRIPPODO	ITA	2014	16:36.91	ALEX KOSTICH	USA	2010
1:04.97	KRASIMIR ZAHOV	BUL	2014	4:45.47	DEREK GUFFEY	USA	2009	16:39.60	JEFF ERWIN	USA	2008
1:05.00	WALLY DICKS	USA	2000	4:45.98	SANDRO TOMAS	CRO	2008	16:45.53	MICHAEL KLEIBER	GER	2003
1:05.07	ALBERTO MONTINI	ITA	2004	4:46.12	ASUKA KOIZUMI	JPN	2014	16:48.68	TIMOTHY GALLAUDET	USA	2008
1:05.38	VLADISLAV BRAGIN	RUS	2010	4:46.79	DARIUSZ WOLNY	POL	1998	16:51.19	FREDERIK HVIID	USA	2014
1:05.63	RONALD KARNAUGH	USA	2003	4:47.06	CLAUS IVERSEN	DEN	2012	16:54.95	MICHAEL PRUFERT	GER	2006
1:05.67	DAVID GUTHRIE	USA	1995	4:48.38	ROQUE SANTOS	USA	2006	16:55.07	IGOR PIOVESAN	ITA	2014
1:05.95	ROB BUTCHER	USA	2009	*****				16:55.84	RYAN COX	USA	2013
200 M. BRST				*****				16:57.85	DAVID MECA	ESP	2014
2:20.29	NICK GILLINGHAM	GBR	2004	M E N 40-44				16:58.52	HESS YNTEMA	USA	1995
2:20.34	STEVE WEST	USA	2011	*****				50 M. BACK			
2:21.87	RON KARNAUGH	USA	2001	50 M. FREE				27.30	OSAMU ITOI	JPN	2014
2:22.80	KRASIMIR ZAHOV	BUL	2014	23.30	STEPHAN VOLERY	SUI	2001	27.35	SERKAN ATASAY	TUR	2012
2:24.26	ALBERTO MONTINI	ITA	2004	23.31	BRIAN JACOBSON	USA	2014	27.38	EDILSON SILVA	BRA	2010
2:24.37	DAVID GUTHRIE	USA	1995	23.86	M.GIALDI	ITA	2008	27.47	MICHAEL ROSS	USA	2008
2:24.42	HIROYUKI KOSAKA	JPN	2011	24.02	VLADIMIR PREDKIN	RUS	2013	27.88	CLAY BRITT	USA	2002
2:25.97	RODRIGO BARDI	BRA	2014	24.12	TOMMY RUNDGREN	FIN	2009	27.95	CHRIS STEVENSON	USA	2008
2:26.05	WALLY DICKS	USA	2000	24.14	DAVID BOATWRIGHT	USA	2003	28.01	VLADIMIR SELKOV	RUS	2012
2:26.21	MARTIN DE WILDT	NED	2013	24.23	TODD PACE	USA	2011	28.03	EDILSON JUNIOR	BRA	2013
50 M. FLY				24.24	ERIK HOCHSTEIN	USA	2008	28.08	TOM STACHEWICZ	AUS	2008
24.69	RYK NEETHLING	RSA	2012	24.25	BRENT BARNES	JPN	1998	28.19	LEONARDO GOMES	BRA	2014
24.75	MARK FOSTER	GBR	2005	24.30	VLAD PYSHNENKO	USA	2010	100 M. BACK			



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59.08	MICHAEL ROSS	USA	2009	56.43	MICHAEL ROSS	USA	2008	54.79	KEITH SWITZER	USA	2009
59.36	SERKAN ATASAY	TUR	2012	57.41	MASATERU IKEDA	JPN	2012	200 M. FREE			
59.81	JEFF COMMINGS	USA	2014	57.57	PAUL CARTER	USA	2001	1:57.75	NICOLAS GRANGER	FRA	2014
1:00.39	OSAMU ITOI	JPN	2014	57.62	HENRY CLARK	USA	2005	1:57.89	KEITH SWITZER	USA	2009
1:00.56	CHRIS STEVENSON	USA	2008	57.67	ALBERTO MONTINI	ITA	2009	1:59.34	DENNIS BAKER	USA	2009
1:00.62	EDILSON SILVA	BRA	2010	57.75	ISAMU TSUZUKI	JPN	2014	1:59.37	KAI DITZEL	GER	2008
1:00.64	RICH SAEGER	USA	2006	57.79	WILLIAM SPECHT	USA	1999	1:59.56	MARCUS MATTIOLI	BRA	2006
1:00.83	RENE SAEZ	PUR	2014	57.88	PETR GREGOR	CZE	2014	1:59.60	MARCO COLOMBO	ITA	2007
1:00.91	CLAY BRITT	USA	2002	57.89	EIJI NOMURA	JPN	2012	2:00.09	FABIO CALMASINI	ITA	2014
1:00.95	SEAN MURPHY	USA	2006	200 M. FLY				2:00.44	PAUL SMITH	USA	2006
200 M. BACK				2:05.55	DENNIS BAKER	USA	2004	2:00.68	EDUARDO MAROCCO	BRA	2013
2:11.13	FREDERIK HVIID	USA	2014	2:09.47	WILLIAM SPECHT	USA	1998	2:00.89	DAN STEPHENSON	USA	2002
2:12.77	MARK VOGEL	DEN	2010	2:10.20	MIKE SHAFFER	USA	2006	400 M. FREE			
2:12.82	EDUARDO MAROCCO	BRA	2012	2:11.16	TOSHIYUKI IBE	JPN	2010	4:09.20	DENNIS BAKER	USA	2008
2:13.31	RENE SAEZ	PUR	2014	2:11.21	EIJI NOMURA	JPN	2012	4:11.07	KEITH SWITZER	USA	2009
2:13.37	SEAN MURPHY	USA	2006	2:11.49	ISAMU TSUZUKI	JPN	2014	4:13.86	NICOLAS GRANGER	FRA	2012
2:13.48	CHRIS STEVENSON	USA	2008	2:11.53	JAMES BELARDI	USA	1997	4:14.81	MARCUS MATTIOLI	BRA	2006
2:14.37	ERIK HOCHSTEIN	USA	2009	2:12.36	UWE VOLK	GER	2012	4:14.92	FABIO CALMASINI	ITA	2014
2:14.61	JOHN ENGS	USA	2006	2:12.43	HESS YNTEMA	USA	1996	4:16.20	MICHAEL PRUFERT	GER	2009
2:14.71	DEKE BOTSFORD	CAN	2010	2:12.66	JOSEPH RHYNE	USA	1999	4:17.21	MARK THOMPSON	AUS	2014
2:14.83	DANIEL VEATCH	USA	2006	200 M. I.M.				4:17.73	GREG STREPPPEL	CAN	2014
50 M. BRST				2:10.63	ALBERTO MONTINI	ITA	2009	4:18.78	MICHAEL KLEIBER	GER	2009
28.84	ALBERTO MONTINI	ITA	2009	2:12.41	PETER BERMEL	GER	2007	4:18.93	JEFF ERWIN	USA	2009
29.02	JEFF COMMINGS	USA	2014	2:12.73	UWE VOLK	GER	2010	800 M. FREE			
29.16	VLADISLAV BRAGIN	RUS	2012	2:14.13	ERIK HOCHSTEIN	USA	2009	8:42.85	MARCUS MATTIOLI	BRA	2006
29.38	STEVE WEST	USA	2012	2:14.29	JEFF COMMINGS	USA	2014	8:44.69	FABIO CALMASINI	ITA	2014
29.46	ANDRIY KULYK	NCA	2014	2:14.39	LORENZO BENUCCI	USA	2007	8:50.06	MICHAEL KLEIBER	GER	2009
29.53	HIDEAKI TOGO	JPN	2012	2:15.10	JENS-PETER BERNDT	USA	2004	8:51.98	JEFF ERWIN	USA	2010
29.56	YOZO FUJII	JPN	2009	2:15.36	BRIAN JACOBSON	USA	2014	8:52.20	MICHAEL PRUFERT	GER	2009
29.61	ALAN PESSOTTI	BRA	2014	2:15.53	JAMES SORENSSEN	USA	1998	8:57.10	MARK THOMPSON	AUS	2014
29.74	SERGEY FIRICHENKO	RUS	2013	2:15.75	MICHAEL ROSS	USA	2009	8:58.50	RICARDO VALDIVIA	USA	2009
29.81	YASUHIRO KOMORI	JPN	2013	400 M. I.M.				8:58.84	JIM MCCONICA	USA	1999
100 M. BRST				4:43.00	UWE VOLK	GER	2012	8:59.81	GREG STREPPPEL	CAN	2014
1:03.60	VLADISLAV BRAGIN	RUS	2012	4:46.90	A.BORGIALLI	ITA	2014	9:00.43	PAUL LEMMON	AUS	2012
1:03.76	STEVE WEST	USA	2012	4:47.01	PETER BERMEL	GER	2007	1500 M. FREE			
1:05.04	ALBERTO MONTINI	ITA	2009	4:48.32	ALBERTO MONTINI	ITA	2012	16:38.81	JEFF ERWIN	USA	2009
1:05.28	JEFF COMMINGS	USA	2014	4:49.34	DAVID MECA	ESP	2014	16:57.17	RICARDO VALDIVIA	USA	2009
1:05.97	RICO ROLLI	ITA	2009	4:49.42	DENNIS BAKER	USA	2005	16:58.68	MICHAEL KLEIBER	GER	2009
1:06.15	SERGEY FIRICHENKO	RUS	2014	4:49.62	DARIUSZ WOLNY	POL	2000	17:10.90	GEORGE TIDMARSH	USA	2005
1:06.16	YOZO FUJII	JPN	2009	4:50.74	GUNTER GOTTFRIED	GER	2000	17:11.41	MICHAEL PRUFERT	GER	2009
1:06.60	MAKOTO ONODERA	JPN	2009	4:50.95	DAVID WARREN	GBR	2012	17:12.28	MARCUS MATTIOLI	BRA	2008
1:06.67	HIDEAKI TOGO	JPN	2012	4:50.97	LORENZO BENUCCI	USA	2007	17:23.73	CALUM MCKINLAY	GBR	2009
1:06.90	HAJIME MORIMOTO	JPN	2009	*****				17:28.77	BOBBY PATTEN	USA	2009
200 M. BRST				M E N 45-49				17:28.80	B.BORDONALI	ITA	2007
2:18.94	ALBERTO MONTINI	ITA	2009	*****				17:30.27	BARTON WELLS	USA	2014
2:19.01	STEVE WEST	USA	2012	50 M. FREE				50 M. BACK			
2:23.09	VLADISLAV BRAGIN	RUS	2012	23.98	VLADIMIR PREDKIN	RUS	2014	28.05	STEVE WOOD	USA	2008
2:24.19	ROQUE SANTOS	USA	2008	24.26	BRENT BARNES	JPN	2004	28.14	ANDE RASMUSSEN	USA	2008
2:28.54	DAVID GUTHRIE	USA	2000	24.29	PAUL SMITH	USA	2006	28.25	FRITZ BEDFORD	USA	2011
2:29.66	MAKOTO ONODERA	JPN	2010	24.34	M.GIALDI	ITA	2013	28.32	J CLAY BRITT	USA	2008
2:29.77	RON SCHAFER	USA	1998	24.40	STEVE WOOD	USA	2008	28.44	CHRIS STEVENSON	USA	2009
2:29.99	TIMOUR PODMARER	RUS	1998	24.50	ANDREA NICOLAO	ITA	2009	28.60	EDUARDO MAROCCO	BRA	2014
2:30.86	ANDRE WRASSE	GER	2012	24.50	ANDE RASMUSSEN	USA	2008	28.77	JAY YARID	USA	2008
2:31.53	V.PYLYPCHENKO	UKR	2006	24.63	RICO ROLLI	ITA	2010	28.91	LIONEL CHALENDAR	FRA	2012
50 M. FLY				24.69	GREG TULL	USA	2013	28.96	HIROYOSHI MAETOGE	JPN	2012
25.07	SERKAN ATASAY	TUR	2011	24.72	METELLO SAVINO	ITA	2008	29.01	CRAIG NORREY	SUI	2006
25.33	EIJI NOMURA	JPN	2014	100 M. FREE				100 M. BACK			
25.51	JOHN BATES	AUS	2011	53.77	MARCO COLOMBO	ITA	2005	1:00.13	STEVE WOOD	USA	2008
25.54	MASATERU IKEDA	JPN	2012	53.90	JACK GROSELLE	USA	1999	1:00.55	CHRIS STEVENSON	USA	2009
25.57	MICHAEL ROSS	USA	2009	53.94	NICOLAS GRANGER	FRA	2012	1:01.12	EDUARDO MAROCCO	BRA	2014
25.73	JAN KARLSSON	SWE	2010	54.10	MATTHEW BIONDI	USA	2014	1:01.71	NICOLAS GRANGER	FRA	2012
25.73	STEVE HILTABIDDLE	USA	2009	54.15	PAUL SMITH	USA	2008	1:02.07	J CLAY BRITT	USA	2006
25.87	PAUL SMITH	USA	2000	54.22	JAMES MONTGOMERY	USA	2002	1:02.22	RICH SAEGER	USA	2012
25.90	HARTMUT BERNER	GER	2005	54.39	VLADIMIR PREDKIN	RUS	2014	1:02.43	DEREK BOTSFORD	CAN	2014
25.93	MASATO SAKAI	JPN	2014	54.62	M.GIALDI	ITA	2013	1:02.44	HIROYOSHI MAETOGE	JPN	2012
100 M. FLY				54.78	STEFAN OPATRIL	AUT	2012	1:02.62	FRITZ LEHMAN	USA	2003
56.17	SERKAN ATASAY	TUR	2011					1:02.65	FRITZ BEDFORD	USA	2011



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200 M. BACK		2:04.07 DENNIS BAKER	USA 2008	2:03.95 MICHAEL SODERLUND	USA 2012
2:11.56 EDUARDO MAROCCO	BRA 2013	2:08.34 MARCUS MATTIOLI	BRA 2006	2:04.34 DANIEL MACHEK	CZE 2009
2:13.37 RICH SAEGER	USA 2012	2:10.97 PAUL CARTER	USA 2002	2:05.01 EDGARS OZOLINS	LAT 2009
2:15.31 NICOLAS GRANGER	FRA 2013	2:11.02 WILLIAM SPECHT	USA 2003	400 M. FREE	
2:15.83 CHRIS STEVENSON	USA 2011	2:13.69 M.CACCIAMANI	ITA 2011	4:16.61 DAN STEPHENSON	USA 2007
2:16.06 PAUL LEMMON	AUS 2012	2:13.93 MIKE SHAFFER	USA 2014	4:18.03 RICARDO VALDIVIA	USA 2014
2:16.78 TAIHEI SAKA	JPN 2009	2:14.96 JIM BELARDI	USA 2002	4:19.05 MARCUS MATTIOLI	BRA 2014
2:17.37 KURT DICKSON	USA 2013	2:15.24 A.LAVEGLIA	ITA 2012	4:19.47 JIM MCCONICA	USA 2000
2:17.40 MICHAEL SODERLUND	USA 2010	2:15.72 FABIO CALMASINI	ITA 2014	4:20.71 BOB BUGG	USA 2009
2:18.25 LEN GUSHE	CAN 2008	2:16.26 MAURO CAPPELLETTI	ITA 2010	4:22.79 JOSEPH RHYNE	USA 2009
2:18.37 LUCA VIGNERI	ITA 2014	200 M. I.M.		4:24.31 DANIEL MACHEK	CZE 2009
50 M. BRST		2:11.22 NICOLAS GRANGER	FRA 2012	4:24.41 FRANCIS CHRISTIAN	AUS 2008
29.63 RICO ROLLI	ITA 2011	2:14.90 JEROME FRENTSOS	USA 2010	4:24.57 DARREN PHELAN	USA 2013
29.70 V.ZAGREBENKO	RUS 2009	2:15.07 ALBERTO MONTINI	ITA 2014	4:27.07 MARK DRENNEN	USA 2006
29.90 JENS LUTSCHIN	GER 2009	2:16.12 DENNIS BAKER	USA 2006	800 M. FREE	
29.96 YOZO FUJII	JPN 2014	2:16.21 SERGEY MARINIUK	USA 2014	8:55.05 MARCUS MATTIOLI	BRA 2010
30.11 MAKOTO ONODERA	JPN 2012	2:16.32 TAIHEI SAKA	JPN 2009	8:56.31 RICARDO VALDIVIA	USA 2014
30.27 RICHARD SCHROEDER	USA 2006	2:16.83 LORENZO BENUCCI	USA 2014	9:00.39 KEITH SWITZER	USA 2013
30.41 F.SPINADIN	ITA 2014	2:17.04 PAUL LEMMON	AUS 2012	9:03.84 JIM MC CONICA	USA 2001
30.41 GLEN CHRISTIANSEN	SWE 2002	2:17.21 VLASENKO ALEXEI	RUS 2010	9:06.61 DAN STEPHENSON	USA 2007
30.49 V.PYLYPCHENKO	UKR 2009	2:18.58 MARCO COLOMBO	ITA 2007	9:11.16 MICHAEL KLEIBER	GER 2013
30.55 FABIO SERVADIO	ITA 2009	400 M. I.M.		9:11.84 BOB BUGG	USA 2009
100 M. BRST		4:43.83 NICOLAS GRANGER	FRA 2014	9:13.23 DANIEL MACHEK	CZE 2009
1:06.35 V.PYLYPCHENKO	UKR 2009	4:47.65 JEROME FRENTSOS	USA 2010	9:13.36 ARNALDO PEREZ	PUR 2014
1:06.60 NICOLAS GRANGER	FRA 2013	4:48.36 ALBERTO MONTINI	ITA 2014	9:13.39 JOSEPH RHYNE	USA 2009
1:06.67 RICO ROLLI	ITA 2010	4:50.27 MARCUS MATTIOLI	BRA 2008	1500 M. FREE	
1:07.38 DAVID GUTHRIE	USA 2008	4:50.73 DENNIS BAKER	USA 2006	17:08.33 JIM MCCONICA	USA 2000
1:07.65 YOZO FUJII	JPN 2014	4:55.26 SERGEY MARINIUK	USA 2014	17:33.87 MICHAEL KLEIBER	GER 2014
1:07.71 MAKOTO ONODERA	JPN 2014	4:55.65 FABIO CALMASINI	ITA 2014	17:34.04 MARCUS MATTIOLI	BRA 2011
1:07.75 HAJIME MORIMOTO	JPN 2014	4:55.83 TAIHEI SAKA	JPN 2010	17:40.70 MARK DRENNEN	USA 2006
1:08.11 ALBERTO MONTINI	ITA 2013	4:56.57 GREG STREPPPEL	CAN 2014	17:52.24 LORENZO MARUGO	ITA 2004
1:08.56 V.ZAGREBENKO	RUS 2009	4:56.92 PAUL LEMMON	AUS 2012	17:57.70 ARNALDO PEREZ	PUR 2013
1:08.74 ALEXEY VLASENKO	RUS 2012	*****		17:59.45 MICHAEL PRUFERT	GER 2014
200 M. BRST		M E N 50-54		18:00.54 FRANCIS CHRISTIAN	AUS 2007
2:24.39 ALBERTO MONTINI	ITA 2013	*****		18:01.17 BUZZ HARPER	USA 2013
2:24.91 V.PYLYPCHENKO	UKR 2009	50 M. FREE		18:04.63 R TOD SPIEKER	USA 1998
2:27.79 DAVID GUTHRIE	USA 2008	24.08 BRENT BARNES	JPN 2009	50 M. BACK	
2:30.67 ABRAHAM SOLANO	ECU 2014	24.58 ROWDY GAINES	USA 2009	28.02 MARCUS MATTIOLI	BRA 2013
2:31.97 MAKOTO ONODERA	JPN 2014	24.60 RICHARD ABRAHAMS	USA 1998	28.60 STEVE WOOD	USA 2011
2:33.24 NICOLAS GRANGER	FRA 2014	24.88 RICK ABBOTT	USA 2008	28.77 CLAY BRITT	USA 2014
2:33.74 THOMAS LIGL	GER 2006	24.89 JACK GROSELLE	USA 2004	28.84 FRITZ BEDFORD	USA 2014
2:33.97 HAJIME MORIMOTO	JPN 2013	24.94 TRIP HEDRICK	USA 2006	29.02 CRAIG NORREY	SUI 2014
2:34.32 TIMUR PODMAREV	RUS 2006	25.03 GARY SCHATZ	USA 2005	29.39 BRYAN JENNINGS	USA 2013
2:35.03 RICARDO TORRES	PAN 2012	25.21 PAUL SMITH	USA 2009	29.43 JAMIE FOWLER	USA 2009
50 M. FLY		25.25 STEVE WOOD	USA 2011	29.51 MINAKOV VALERIJS	LAT 2010
25.65 NICHOLAS DECKER	USA 2012	25.29 CALVIN MAUGHAN	RSA 2014	29.54 ANDERS RASMUSSEN	USA 2013
25.90 PAUL SMITH	USA 2006	25.29 MICHAEL SODERLUND	USA 2012	29.63 RAMON VOLCAN	VEN 2009
26.03 ANDE RASMUSSEN	USA 2008	100 M. FREE		100 M. BACK	
26.12 PAUL CARTER	USA 2002	54.61 ROWDY GAINES	JPN 2011	1:01.89 STEVE WOOD	USA 2011
26.23 RICO ROLLI	ITA 2011	54.93 JACK GROSELLE	USA 2004	1:02.77 CLAY BRITT	USA 2014
26.26 VLADIMIR PREDKIN	RUS 2014	54.94 BOB BUGG	USA 2009	1:02.93 JAMIE FOWLER	USA 2009
26.35 WADE KING	USA 2012	55.11 DAN STEPHENSON	USA 2007	1:03.44 MINAKOV VALERIJS	LAT 2010
26.38 STEVE HILTABIDDLE	USA 2011	55.13 RICK ABBOTT	USA 2008	1:03.50 FRITZ BEDFORD	USA 2014
26.40 GREG TULL	USA 2013	55.38 TRIP HEDRICK	USA 2006	1:03.71 CHRIS STEVENSON	USA 2014
26.54 ANDREA NICOLAO	ITA 2009	55.42 PAUL SMITH	USA 2009	1:03.83 MICHAEL SODERLUND	USA 2012
100 M. FLY		55.49 STEVE WOOD	USA 2012	1:03.92 BRYAN JENNINGS	USA 2013
56.42 PAUL CARTER	USA 2002	55.74 AHMET NAKKAS	TUR 2014	1:04.58 ANDERS RASMUSSEN	USA 2013
57.60 PAUL SMITH	USA 2008	55.93 DAVID BOATWRIGHT	USA 2012	1:04.70 GIANNI BERTOLI	ITA 2009
58.47 C.LUTOTOVICH	ARG 2009	200 M. FREE		200 M. BACK	
58.97 NICHOLAS DECKER	USA 2012	2:00.34 DAN STEPHENSON	USA 2007	2:17.57 MICHAEL SODERLUND	USA 2012
59.10 CHRIS STEVENSON	USA 2009	2:01.40 BOB BUGG	USA 2009	2:17.74 JAMIE FOWLER	USA 2009
59.20 DENNIS BAKER	USA 2009	2:02.14 MARCUS MATTIOLI	BRA 2012	2:20.51 TOM WOLF	USA 2004
59.38 WILLIAM SPECHT	USA 2003	2:02.16 KEITH SWITZER	USA 2013	2:20.53 BRYAN JENNINGS	USA 2013
59.40 ANDERS RASMUSSEN	USA 2009	2:02.50 JIM MCCONICA	USA 2000	2:21.11 LEN GUSHE	CAN 2013
59.60 ALBERTO MONTINI	ITA 2013	2:03.51 ROWDY GAINES	JPN 2010	2:21.85 DJAN MADRUGA	BRA 2010
59.63 SCOTT CARPENTER	USA 2009	2:03.66 JACK GROSELLE	USA 2004	2:22.26 SCOTT SHAKE	USA 2009
200 M. FLY				2:22.55 STEVE WOOD	USA 2011



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2:22.61	CHRIS STEVENSON	USA	2014	2:22.29	LAWRENCE DAY	USA	2001	4:38.81	R TOD SPIEKER	USA	2003
2:22.62	WIESLAW MUSIAL	CAN	2008	200 M. I.M.				4:39.18	MARTEN DE GROOT	NED	2013
50 M. BRST				2:18.05	JAMIE FOWLER	USA	2009	4:39.19	BILL DEVENISH	AUS	2008
30.48	DAVID GUTHRIE	USA	2013	2:19.45	DARREN PHELAN	USA	2013	4:39.38	MARCO BRAVI	ITA	2012
30.88	RICHARD SCHROEDER	USA	2012	2:19.79	MARCUS MATTIOLI	BRA	2010	800 M. FREE			
30.97	OLIVIER BORIOS	FRA	2009	2:20.02	MICHAEL MANN	USA	2008	9:00.09	MICHAEL MANN	USA	2009
30.97	GARY PATTERSON	USA	2009	2:20.97	TAIHEI SAKA	JPN	2014	9:06.86	JIM MCCONICA	USA	2006
31.37	DOUG MALCOLM	USA	2007	2:20.99	KEN SHILLING	USA	2008	9:22.02	STEVE PRESCOTT	NZL	2009
31.49	STUART MOFFATT	AUS	2013	2:21.77	DENNIS BAKER	USA	2013	9:32.37	DAN STEPHENSON	USA	2013
31.50	GLEN CHRISTIANSEN	SWE	2009	2:22.41	ANDERS RASMUSSEN	USA	2013	9:35.87	TODD BRYAN	USA	2006
31.64	ANDREA FLORIT	ITA	2010	2:22.95	AHMET NAKKAS	TUR	2014	9:37.49	J.CHATARD	FRA	2006
31.94	CARSTEN STEFFENS	GER	2014	2:23.06	LORENZO MARUGO	ITA	2004	9:38.61	SCOTT SHAKE	USA	2013
31.96	RONNY OLTNER	SWE	2007	400 M. I.M.				9:39.03	MARTEN DE GROOT	NED	2014
100 M. BRST				4:53.69	MARCUS MATTIOLI	BRA	2010	9:40.68	R TOD SPIEKER	USA	2003
1:06.98	DAVID GUTHRIE	USA	2014	4:56.71	RICARDO VALDIVIA	USA	2014	9:42.16	R SCOTT TOWNSEND	USA	2009
1:09.23	RICHARD SCHROEDER	USA	2012	4:57.93	DARREN PHELAN	USA	2013	1500 M. FREE			
1:09.36	GARY PATTERSON	USA	2009	5:02.51	DENNIS BAKER	USA	2013	17:22.61	MICHAEL MANN	USA	2009
1:10.08	V.PYLYPCHENKO	UKR	2014	5:03.27	LORENZO MARUGO	ITA	2004	17:40.10	JIM MC CONICA	USA	2005
1:10.09	GLEN CHRISTIANSEN	SWE	2009	5:03.76	DJAN MADRUGA	BRA	2010	18:19.49	STEVE PRESCOTT	NZL	2009
1:10.64	S.TAKAHASHI	JPN	2014	5:04.32	JAMIE FOWLER	USA	2009	18:21.59	MARC JOUANDON	FRA	2012
1:11.45	ANDREA FLORIT	ITA	2010	5:05.82	RICK COLELLA	USA	2001	18:27.25	SCOTT SHAKE	USA	2013
1:11.49	JACK GROSELLE	USA	2004	5:06.60	HUGO BREGMAN	NED	2009	18:33.99	GLENN CARLSEN	CAN	2013
1:11.55	TIMUR PODMAREV	RUS	2007	5:07.22	LEN GUSHE	CAN	2013	18:35.85	J.CHATARD	FRA	2006
1:11.59	DOUG MALCOLM	USA	2007	*****				18:40.63	PAUL BLACKBEARD	AUS	2014
200 M. BRST				M E N 55-59				18:41.25	MARTEN DE GROOT	NED	2014
2:27.91	DAVID GUTHRIE	USA	2013	*****				18:41.34	BRUCE THOMAS	USA	2013
2:33.54	V.PYLYPCHENKO	UKR	2014	50 M. FREE				50 M. BACK			
2:34.70	TIMUR PODMAREV	RUS	2007	25.01	JACK GROSELLE	USA	2009	29.01	CARLOS SILVA	BRA	2013
2:35.08	LORENZO MARUGO	ITA	2004	25.31	MIKE TENNANT	USA	2008	30.01	TOM BARTON	USA	2011
2:37.20	C.COENEY	USA	2014	25.53	RICHARD ABRAHAMS	USA	2002	30.09	GARY HALL	USA	2009
2:37.77	DAVE MILBURN	GBR	2012	25.59	DOUG MARTIN	USA	2009	30.48	ANDRE STEYNBERG	RSA	2012
2:39.08	RICK COLELLA	USA	2001	25.74	PAUL TREVISAN	USA	2006	30.56	VLADIMIR OSIPOV	UKR	2013
2:39.43	PODMAREV TIMUR	RUS	2010	25.83	BRENT BARNES	SIN	2014	30.78	HUGH WILDER	USA	2004
2:39.51	ANDREA FLORIT	ITA	2010	25.98	BARRY ROTH	USA	2009	30.79	ALISTAIR COCKBURN	USA	2008
2:40.03	RICHARD LOCKHART	NZL	2013	25.99	LEONARD BIELICZ	SWE	2007	30.83	PHILIPP DJANG	USA	2009
50 M. FLY				26.00	JOHN FIELDS	USA	2012	30.90	JONATHAN KLEIN	USA	2012
25.88	PAUL CARTER	USA	2008	26.04	TERRY DOWNES	RSA	2004	31.04	RAMON VOLCAN	VEN	2013
26.23	TRIP HEDRICK	USA	2004	100 M. FREE				100 M. BACK			
26.56	PAUL SMITH	USA	2009	56.08	JACK GROSELLE	USA	2009	1:05.46	TOM BARTON	USA	2011
26.80	RAMON VOLCAN	VEN	2009	57.08	MICHAEL MANN	USA	2009	1:06.14	GARY HALL	USA	2009
26.83	RICK ABBOTT	USA	2008	57.60	BRAD HORNER	USA	2009	1:07.27	JONATHAN KLEIN	USA	2014
26.89	FRITZ BEDFORD	USA	2014	57.76	BOB BUGG	USA	2012	1:07.29	TIMOTHY SHEAD	RSA	2008
27.04	ANDERS RASMUSSEN	USA	2013	57.77	DAN STEPHENSON	USA	2014	1:07.81	HUGH WILDER	USA	2002
27.10	HUGO BREGMAN	NED	2009	57.83	CHARLES LEMAISTRE	USA	2009	1:07.91	SCOTT SHAKE	USA	2013
27.12	STEVE WOOD	USA	2012	57.85	ALEXANDER MILLS	NOR	2006	1:08.20	WES EDWARDS	USA	2008
27.12	JOHN FIELDS	USA	2007	58.07	PAUL TREVISAN	USA	2006	1:08.21	PHILIPP DJANG	USA	2009
100 M. FLY				58.11	PAUL BLACKBEARD	AUS	2013	1:08.27	IGOR KRAVKOV	ISR	2013
57.23	PAUL CARTER	USA	2008	58.15	DOUG MARTIN	USA	2009	1:08.31	VLADIMIR GORKOV	RUS	2013
59.49	TRIP HEDRICK	USA	2004	200 M. FREE				200 M. BACK			
59.67	HUGO BREGMAN	NED	2009	2:04.01	MICHAEL MANN	USA	2009	2:23.84	TOM BARTON	USA	2011
59.87	MARCUS MATTIOLI	BRA	2010	2:05.82	JACK GROSELLE	USA	2009	2:25.89	JIM MC CONICA	USA	2005
1:00.55	WILLIAM SPECHT	USA	2009	2:06.26	DAN STEPHENSON	USA	2012	2:26.58	JIM SAUER	USA	2014
1:01.43	JOHN VAN BUUREN	CAN	2004	2:08.03	JIM MC CONICA	USA	2005	2:27.49	FRED FERROGGIARO	USA	2008
1:01.46	JORGE FARIA	POR	2014	2:08.40	BOB BUGG	USA	2012	2:27.99	SCOTT SHAKE	USA	2013
1:01.48	CHRIS STEVENSON	USA	2014	2:08.59	PAUL BLACKBEARD	AUS	2013	2:28.85	WIESLAW MUSIAL	CAN	2012
1:01.63	PAUL BLACKBEARD	RSA	2008	2:08.65	JAMES RITTER	USA	2013	2:29.06	HUGO BREGMAN	NED	2013
1:01.64	JOHN PHILLIPS	USA	2009	2:08.67	BRAD HORNER	USA	2009	2:29.27	DJAN MADRUGA	BRA	2014
200 M. FLY				2:09.25	PHIL DODSON	USA	2008	2:29.60	JOHN MARCH	AUS	2008
2:13.39	MARCUS MATTIOLI	BRA	2010	2:09.54	BILL DEVENISH	AUS	2008	2:29.67	WES EDWARDS	USA	2008
2:13.80	DENNIS BAKER	USA	2011	400 M. FREE				50 M. BRST			
2:15.06	HUGO BREGMAN	NED	2009	4:22.49	MICHAEL MANN	USA	2009	31.05	WALTER KUSCH	GER	2009
2:18.57	PAUL CARTER	USA	2008	4:25.34	JIM MC CONICA	USA	2005	32.07	TIMOTHY SHEAD	RSA	2008
2:19.16	FRANCIS CHRISTIAN	AUS	2008	4:32.87	DAN STEPHENSON	USA	2012	32.23	GLEN CHRISTIANSEN	SWE	2012
2:19.35	JOSEPH RHYNE	USA	2009	4:33.42	STEVE PRESCOTT	NZL	2009	32.44	JACK GROSELLE	USA	2009
2:20.46	WILLIAM SPECHT	USA	2009	4:37.94	J.CHATARD	FRA	2006	32.72	STUART ELLICOTT	AUS	2009
2:21.28	ARNALDO PEREZ	PUR	2012	4:38.19	BOB BUGG	USA	2012	32.74	RANDY PARKER	USA	2009
2:21.40	SCOTT LAUTMAN	USA	2004					32.92	G.HOFFMANN	USA	2011



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33.03	ALEXANDER MILLS	NOR	2006	2:27.95	DJAN MADRUGA	BRA	2014	10:01.23	M.CAFFERY	USA	2013
33.03	HIROSHI KOTEGAWA	JPN	1993	2:28.12	JACK GROSELLE	USA	2009	10:02.40	DUNCAN MCCREADIE	GBR	2005
33.06	GREGORY OXLEY	USA	2014	400 M. I.M.				10:06.75	SANDY GALLETTY	GBR	2002
100 M. BRST				5:04.07	MICHAEL MANN	USA	2009	10:06.76	RICK WALKER	USA	2010
1:11.13	TIMOTHY SHEAD	RSA	2008	5:07.81	JIM SAUER	USA	2014	10:06.94	GRAHAM CROFT	AUS	2008
1:12.85	WALTER KUSCH	GER	2009	5:17.10	JIM MC CONICA	USA	2005	10:09.12	JOHN CALVERT	USA	2006
1:12.87	G.HOFFMANN	USA	2011	5:19.49	DJAN MADRUGA	BRA	2014	1500 M. FREE			
1:13.11	JACK GROSELLE	USA	2009	5:26.08	ANDREAS SEIBT	USA	2013	18:12.09	JIM MC CONICA	USA	2010
1:13.37	TIMUR PODMARYOV	RUS	2012	5:26.63	JOHN CALVERT	USA	2000	19:01.70	SCOTT TOWNSEND	USA	2013
1:13.42	GLEN CHRISTIANSEN	SWE	2012	5:26.70	DAN STEPHENSON	USA	2012	19:06.93	M.CAFFERY	USA	2013
1:14.18	GREGORY OXLEY	USA	2014	5:27.46	MARC JOUANDON	FRA	2012	19:07.93	GEORGE WENDT	USA	2008
1:14.21	RANDY PARKER	USA	2009	5:27.57	RONALD ARMSTRONG	CAN	2006	19:16.50	BEN VAN DYKE	NZL	2010
1:14.30	RICK COLELLA	USA	2008	5:27.62	FRANKLIN HALLEY	USA	2012	19:25.68	SANDY GALLETTY	GBR	2002
1:14.41	GREG SCOTT	USA	2014					19:26.67	DUNCAN MCCREADIE	GBR	2005
200 M. BRST				*****				19:27.55	DICK WORREL	USA	2014
2:38.66	RICK COLELLA	USA	2008	M E N 60-64				19:28.84	LARRY KRAUSER	USA	2013
2:39.28	TIMUR PODMARYOV	RUS	2012	*****				19:30.32	JOEL KRIGER	BRA	2014
2:41.54	TIMOTHY SHEAD	RSA	2008	50 M. FREE				50 M. BACK			
2:42.40	PATRICK ALLENDER	USA	2013	25.23	RICHARD ABRAHAMS	USA	2006	31.46	HUGH WILDER	USA	2007
2:42.88	G.HOFFMANN	USA	2011	25.85	VINCENZO DE SIO	ITA	2008	31.71	DONALD GRAHAM	USA	2014
2:43.68	GLEN CHRISTIANSEN	SWE	2012	25.86	DOUG MARTIN	USA	2013	31.77	MARC MIDDLETON	USA	2011
2:44.22	RALPH SCHALLON	SUI	2009	26.35	JACK GROSELLE	USA	2014	32.01	PHILIPP DJANG	USA	2014
2:45.07	GREG SCOTT	USA	2014	26.35	PAUL TREVISAN	USA	2013	32.11	RICHARD BURNS	USA	2003
2:45.61	PETER KAUCH	GER	2012	26.70	JEFF FARRELL	USA	1998	32.20	TIMOTHY SHEAD	USA	2012
2:45.87	LORENZO MARUGO	ITA	2007	26.75	MARC MIDDLETON	USA	2012	32.29	BRUCE WILLIAMS	USA	2014
50 M. FLY				26.78	LEONARD BIELICZ	SWE	2012	32.41	JEFFREY PEROUT	USA	2013
26.86	GARY HALL	USA	2009	26.92	STEVE BAXTER	USA	2014	32.55	STEVEN HECK	USA	2009
27.08	GREG SHAW	USA	2007	26.94	BRUCE WILLIAMS	USA	2014	32.58	YURY CHIRKOV	RUS	2009
27.26	DAN THOMPSON	CAN	2014	26.94	JAMES ELDER	USA	2006	100 M. BACK			
27.31	PAUL CARTER	USA	2012	100 M. FREE				1:08.77	HUGH WILDER	USA	2007
27.43	RICHARD ABRAHAMS	USA	2002	57.79	JACK GROSELLE	USA	2014	1:10.45	BRUCE WILLIAMS	USA	2013
27.47	HUGO BREGMAN	NED	2013	58.61	RICHARD ABRAHAMS	USA	2005	1:10.90	PHILIPP DJANG	USA	2014
27.49	DAVID HAGUE	USA	2009	59.04	RICK COLELLA	USA	2014	1:11.02	DONALD GRAHAM	USA	2014
27.64	DOUG MARTIN	USA	2009	59.57	DOUG MARTIN	USA	2014	1:11.18	TIMOTHY SHEAD	USA	2012
27.77	TRIP HEDRICK	USA	2012	59.60	BRUCE WILLIAMS	USA	2014	1:11.48	FRED FERROGGIARO	USA	2013
27.79	BRUCE KONE	USA	2014	59.66	TRIP HEDRICK	USA	2014	1:11.52	WES EDWARDS	USA	2013
100 M. FLY				59.66	JAMES DE LACY	USA	2006	1:11.66	JEFFREY PEROUT	USA	2013
1:00.56	PAUL CARTER	USA	2012	1:00.11	JEFF FARRELL	USA	1998	1:11.89	RICHARD BURNS	USA	2006
1:01.05	GREG SHAW	USA	2006	1:00.15	PAUL TREVISAN	USA	2013	1:11.90	GEOFF MYKLEBY	USA	2014
1:01.29	HUGO BREGMAN	NED	2013	1:00.27	DAVID QUIGGIN	USA	2004	200 M. BACK			
1:01.83	BRAD HORNER	USA	2009	200 M. FREE				2:33.09	FRED FERROGGIARO	USA	2013
1:01.97	DAN THOMPSON	CAN	2014	2:09.24	JACK GROSELLE	USA	2014	2:33.94	JIM MC CONICA	USA	2012
1:03.03	JIM SAUER	USA	2014	2:12.57	JIM MC CONICA	USA	2010	2:34.00	TIMOTHY SHEAD	RSA	2012
1:03.24	LEONARD BIELICZ	SWE	2006	2:12.69	FRED SCHLICHER	USA	2008	2:35.28	ETORE BOSCHETTI	ITA	2014
1:03.33	BOB BUGG	USA	2012	2:13.32	JAMES DE LACY	USA	2006	2:37.20	STEVEN HECK	USA	2009
1:03.90	RICHARD ABRAHAMS	USA	2000	2:13.94	GRAHAM CROFT	AUS	2008	2:37.55	ROBERT WEYHENKE	NED	2012
1:03.92	PAUL BLACKBEARD	AUS	2013	2:14.52	LARRY KRAUSER	USA	2013	2:39.01	JOHN CALVERT	USA	2006
200 M. FLY				2:15.35	DUNCAN MCCREADIE	FRA	2006	2:39.16	PHILIPP DJANG	USA	2014
2:18.97	BRAD HORNER	USA	2009	2:16.84	JAMES THORNTON	USA	2014	2:39.36	PETER O'BRIEN	CAN	2009
2:19.18	HUGO BREGMAN	NED	2013	2:17.01	TERRY DOWNES	RSA	2009	2:39.50	BARRY YOUNG	NZL	2002
2:25.35	GREG SHAW	USA	2006	2:17.26	AKIRA IIDA	JPN	2014	50 M. BRST			
2:25.52	JIM SAUER	USA	2014	400 M. FREE				32.07	CELSE JUGEND	BRA	2014
2:26.37	SCOTT LAUTMAN	USA	2008	4:40.00	JIM MC CONICA	USA	2012	32.80	STUART ELLICOTT	AUS	2012
2:26.76	PAUL BLACKBEARD	AUS	2013	4:42.94	JACK GROSELLE	USA	2014	32.87	TIMOTHY SHEAD	USA	2012
2:27.22	JOHN MARCH	AUS	2008	4:48.25	GRAHAM CROFT	AUS	2008	33.41	ROBERT STRAND	USA	2008
2:27.59	FRANCIS CHRISTIAN	AUS	2012	4:48.80	STEVEN PRESCOTT	NZL	2014	33.71	RICK COLELLA	USA	2014
2:28.62	JIM MC CONICA	USA	2006	4:49.83	GEORGE WENDT	USA	2008	33.89	NEAL VESTAL	USA	2014
2:29.50	WILLIAM SPECHT	USA	2013	4:50.99	DICK WORREL	USA	2014	34.25	C.STARZEC	FRA	2011
200 M. I.M.				4:51.23	DUNCAN MCCREADIE	GBR	2005	34.28	TOSHIHARU FUJII	JPN	2010
2:20.83	MICHAEL MANN	USA	2009	4:51.99	M.CAFFERY	USA	2013	34.35	DIETER HOEFEL	GER	2009
2:22.50	JIM SAUER	USA	2014	4:52.10	RICK WALKER	USA	2010	34.36	ROBERT WRIGHT	USA	2011
2:24.12	RICK COLELLA	USA	2008	4:52.88	LORENZO MARUGO	ITA	2012	100 M. BRST			
2:24.16	TIMOTHY SHEAD	RSA	2008	800 M. FREE				1:13.38	RICK COLELLA	USA	2013
2:25.49	HUGO BREGMAN	NED	2013	9:35.50	JIM MC CONICA	USA	2012	1:14.14	TIMOTHY SHEAD	USA	2012
2:27.18	PAUL CARTER	USA	2012	9:48.47	STEVEN PRESCOTT	NZL	2014	1:15.42	ROBERT STRAND	USA	2008
2:27.60	GREG SHAW	USA	2006	9:55.71	LORENZO MARUGO	ITA	2012	1:15.50	STUART ELLICOTT	AUS	2012
2:27.92	ALEXANDER MILLS	NOR	2006	9:59.99	SCOTT TOWNSEND	USA	2013	1:16.37	JACK GROSELLE	USA	2014



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1:16.53	TOSHIHARU FUJII	JPN	2010	5:37.64	JIM CLEMMONS	USA	2010	20:16.54	GRAHAM JOHNSTON	USA	1996
1:16.83	ALLEN STARK	USA	2009	5:40.42	J.LESTIDEAU	FRA	2007	20:23.74	CHRIS DUNN	GBR	2012
1:17.27	ROBERT WRIGHT	USA	2010	5:41.07	JOHN CALVERT	USA	2006	20:27.72	VICTOR PAUL	AUS	2009
1:17.50	KENNETH FROST	USA	2007	5:43.77	GEORGE WENDT	USA	2008	20:29.15	DAN KIRKLAND	USA	2014
1:18.15	RALPH SCHALLON	SUI	2014					20:29.63	JOEL WILSON	USA	2013
200 M. BRST				*****				20:31.18	HUBIE KERNS	USA	2014
2:40.46	RICK COLELLA	USA	2014		M E N 65-69			20:40.69	J.LESTIDEAU	FRA	2012
2:45.67	LORENZO MARUGO	ITA	2012	*****				50 M. BACK			
2:45.71	TIMOTHY SHEAD	USA	2012	50 M. FREE				30.95	HUGH WILDER	USA	2012
2:50.44	ALLEN STARK	USA	2011	26.33	RICHARD ABRAHAMS	USA	2010	32.19	RICHARD BURNS	USA	2009
2:50.77	ROBERT STRAND	USA	2008	27.15	JEFF FARRELL	USA	2002	33.50	BERND HORSTMANN	GER	2008
2:51.07	ROBERT WRIGHT	USA	2011	27.31	VINUS VAN BAALEN	USA	2007	33.54	YOSHI OYAKAWA	USA	1999
2:51.68	RALPH SCHALLON	SUI	2014	27.37	KEEFE LODWIG	USA	2008	33.58	VINUS VAN BAALEN	USA	2007
2:52.51	TOSHIHARU FUJII	JPN	2010	27.50	IAN SMITH	CAN	2009	33.72	JOZSEF CSIKANY	HUN	2008
2:53.17	JIM CLEMMONS	USA	2010	27.60	DAVID QUIGGIN	USA	2009	33.87	ROBERT SMITH	USA	2008
2:53.69	GRAHAM PEARSON	GBR	2013	27.63	JAMES ELDER	USA	2008	34.07	LUIZ FIGUEIREDO	BRA	2007
50 M. FLY				27.65	ROBERT SMITH	USA	2008	34.10	JAY BRZEZINSKI	USA	2014
27.92	RICHARD ABRAHAMS	USA	2005	27.67	BRYAN BATEMAN	USA	2012	34.17	J.LESTIDEAU	FRA	2011
28.14	DONALD GRAHAM	USA	2014	27.78	LEE CHILDS	USA	2013	100 M. BACK			
28.45	TRIP HEDRICK	USA	2014	100 M. FREE				1:09.79	HUGH WILDER	USA	2012
28.55	DINO BERNARDI	ITA	2008	1:00.38	RICHARD ABRAHAMS	USA	2010	1:11.32	RICHARD BURNS	USA	2009
28.56	DOUG MARTIN	USA	2014	1:01.05	DAVID QUIGGIN	USA	2009	1:13.82	BERND HORSTMANN	GER	2009
28.58	STEVE BAXTER	USA	2014	1:01.30	KEEFE LODWIG	USA	2009	1:14.96	JOZSEF CSIKANY	HUN	2009
28.69	GREG SHAW	USA	2012	1:02.33	LEE CHILDS	USA	2013	1:15.69	LUIZ FIGUEIREDO	BRA	2006
28.79	JOEL BURNS	USA	2007	1:02.62	TOM LANDIS	USA	2008	1:16.76	DIETER SEIFERT	GER	2013
28.83	LAWRENCE DAY	USA	2011	1:02.79	JEFF FARRELL	USA	2002	1:16.78	YOSHI OYAKAWA	USA	1999
28.87	MARC MIDDLETON	USA	2011	1:02.81	IAN SMITH	CAN	2009	1:17.23	BARRY YOUNG	NZL	2006
100 M. FLY				1:02.84	JAMES ELDER	USA	2008	1:17.36	MIKLOS KOVATS	HUN	2005
1:03.03	RICHARD ABRAHAMS	USA	2005	1:02.89	GERHARD SCHILLER	GER	2014	1:17.47	ALEXANDER KRYUKOV	RUS	2009
1:03.98	FRED SCHLICHER	USA	2008	1:02.93	CAV CAVANAUGH	USA	2001	200 M. BACK			
1:05.82	LAWRENCE DAY	USA	2011	200 M. FREE				2:40.95	BERND HORSTMANN	GER	2008
1:06.03	KEVIN MCCORMACK	USA	2013	2:18.53	TOM LANDIS	USA	2008	2:41.76	RICHARD BURNS	USA	2009
1:06.63	ROBERT POILETMAN	USA	2003	2:20.37	DAVID QUIGGIN	USA	2009	2:42.96	JOZSEF CSIKANY	HUN	2008
1:06.65	JOEL BURNS	USA	2009	2:21.74	ROBERTO ALBERICHE	ESP	1996	2:44.37	HUGH WILDER	USA	2012
1:06.91	DONALD GRAHAM	USA	2014	2:22.04	GLENN GRUBER	USA	2014	2:49.69	DAN KIRKLAND	USA	2014
1:07.15	GREG SHAW	USA	2012	2:22.18	GRAHAM JOHNSTON	USA	1996	2:50.38	HUBIE KERNS	USA	2014
1:07.27	LEONARD BIELICZ	SWE	2014	2:22.26	KEEFE LODWIG	USA	2009	2:50.44	MIKLOS KOVATS	HUN	2005
1:07.36	SCOTT LAUTMAN	USA	2012	2:22.51	RICHARD BURNS	USA	2009	2:50.79	DANNY WALMSLEY	CAN	2014
200 M. FLY				2:22.71	GRAHAM CROFT	AUS	2013	2:50.85	JOHN CALVERT	USA	2012
2:29.05	LAWRENCE DAY	USA	2011	2:22.72	CHRIS DUNN	GBR	2012	2:51.11	RICHARD TODD	USA	2007
2:31.58	FRED SCHLICHER	USA	2008	2:22.90	JEFF FARRELL	USA	2002	50 M. BRST			
2:33.72	ROBERT POILETMAN	USA	2003	400 M. FREE				34.61	OSAMU MAEDA	JPN	2009
2:35.33	SCOTT LAUTMAN	USA	2012	5:00.26	TOM LANDIS	USA	2007	34.66	ROBERT STRAND	USA	2012
2:39.84	PATRICK BERGER	FRA	2014	5:01.81	FABRIZIO MOMONI	ITA	2003	35.00	KENNETH FROST	USA	2009
2:40.12	JEAN LESTIDEAU	FRA	2008	5:03.36	GRAHAM JOHNSTON	USA	1996	35.30	JIM DRAGON	USA	2009
2:40.23	STEVEN PRESCOTT	NZL	2014	5:03.77	CHRIS DUNN	GBR	2011	35.56	YOSHIHIKO OSAKI	JPN	2004
2:40.70	TAKEO HIRAMOTO	JPN	2014	5:04.88	GLENN GRUBER	USA	2014	35.60	PETER ANDERSEN	USA	2009
2:42.39	PHIL DODSON	USA	2013	5:05.59	FRANK MCELROY	USA	2013	35.78	ALLEN STARK	USA	2014
2:43.98	JEAN-MARIE CADIAT	BEL	2013	5:06.57	DAVID QUIGGIN	USA	2009	35.91	DAVID GILDEA	USA	2009
200 M. I.M.				5:06.67	JOEL WILSON	USA	2014	35.93	JOZEF KLUKOWSKI	POL	2014
2:21.99	RICK COLELLA	USA	2014	5:07.62	ROBERTO ALBERICHE	ESP	1996	36.13	SATOSHI HAYASHI	JPN	2014
2:30.05	TIMOTHY SHEAD	USA	2012	5:07.64	GEORGE WENDT	USA	2012	100 M. BRST			
2:30.72	FRED SCHLICHER	USA	2008	800 M. FREE				1:18.11	KENNETH FROST	USA	2009
2:32.63	TIM BRODERICK	USA	2011	10:25.94	TOM LANDIS	USA	2007	1:18.87	ROBERT STRAND	USA	2012
2:32.65	LAWRENCE DAY	USA	2011	10:26.60	FABRIZIO MOMONI	ITA	2003	1:19.88	ALLEN STARK	USA	2014
2:34.23	ROBERT WEYHENKE	NED	2012	10:29.26	GRAHAM JOHNSTON	USA	1997	1:19.89	DAVID GILDEA	USA	2009
2:34.86	STEVEN HECK	USA	2009	10:37.17	FRANK MCELROY	USA	2013	1:21.25	OSAMU MAEDA	JPN	2009
2:35.15	LORENZO MARUGO	ITA	2012	10:39.24	DAN KIRKLAND	USA	2014	1:21.75	GERSHON SHEFA	ISR	2008
2:36.07	JOHN CALVERT	USA	2006	10:39.76	GLENN GRUBER	USA	2014	1:21.84	HUBIE KERNS	USA	2014
2:36.20	TOM REUDY	USA	2014	10:41.86	CHRIS DUNN	GBR	2013	1:22.37	DIETER HOFEL	GER	2010
400 M. I.M.				10:43.53	GRAHAM CROFT	AUS	2013	1:22.79	HISASHI DOI	JPN	2013
5:08.20	RICK COLELLA	USA	2014	10:44.74	HUBIE KERNS	USA	2014	1:22.82	RICHARD TODD	USA	2008
5:28.25	LAWRENCE DAY	USA	2011	10:47.48	GEORGE WENDT	USA	2012	200 M. BRST			
5:29.55	LORENZO MARUGO	ITA	2012	1500 M. FREE				2:56.96	ALLEN STARK	USA	2014
5:30.46	TIMOTHY SHEAD	USA	2012	20:00.97	TOM LANDIS	USA	2008	2:58.13	ROBERT STRAND	USA	2012
5:30.99	FRED SCHLICHER	USA	2008	20:04.28	GEORGE WENDT	USA	2012	2:59.54	KENNETH FROST	USA	2009
5:36.75	STEVEN PRESCOTT	NZL	2014	20:08.74	FABRIZIO MOMONI	ITA	2004	2:59.99	GERSHON SHEFA	ISR	2008



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3:02.13	MICHAEL MOLONEY	AUS	2004	28.46	WOLFRAM GOTTFRIED	GER	2004	35.31	YOSHI OYAKAWA	USA	2003
3:02.85	RICHARD TODD	USA	2008	28.53	JEFF FARRELL	USA	2007	35.54	JOZSEF CSIKANY	HUN	2013
3:04.10	YOSHIKI AOKI	JPN	2005	28.55	JAMES ELDER	USA	2013	35.83	S.SEKIKAWA	JPN	2003
3:04.40	NORIAKI TSUJI	JPN	2011	28.64	DAVID QUIGGIN	USA	2014	36.20	RICHARD ALEXANDER	USA	2014
3:05.48	GEORGE WENDT	USA	2012	28.65	CAV CAVANAUGH	USA	2005	36.23	MIKLOS KOVATS	HUN	2010
3:06.08	THOMAS WALKER	GBR	2002	28.66	RONALD JOHNSON	USA	2001	36.49	FRANS VAN ENST	NED	2011
50 M. FLY				28.85	PETER BERGENGREN	SWE	2008	36.60	HELMUT RICHTER	GER	2009
28.54	JOSEP CLARET	ESP	2009	28.94	B.SCHLURIKE	GER	1991	36.66	YURII MARENKOV	RUS	2013
28.68	KEEFE LODWIG	USA	2008	29.19	KEEFE LODWIG	USA	2013	100 M. BACK			
28.69	JIM DRAGON	USA	2009	100 M. FREE				1:15.13	RICHARD BURNS	USA	2013
29.25	RICHARD ABRAHAMS	USA	2010	1:04.19	DAVID QUIGGIN	USA	2014	1:15.24	BARRY YOUNG	NZL	2009
30.13	ROBERT OLSON	USA	2009	1:04.85	RICHARD BURNS	USA	2013	1:16.14	BERND HORSTMANN	GER	2013
30.23	BORIS RUZHITSKY	RUS	2009	1:05.40	CAV CAVANAUGH	USA	2005	1:19.12	YOSHI OYAKAWA	USA	2004
30.33	TOMOYASU IIDA	JPN	2006	1:05.79	JAMES ELDER	USA	2014	1:19.14	BURWELL JONES	USA	2003
30.49	LEE CHILDS	USA	2013	1:05.81	WOLFRAM GOTTFRIED	GER	2002	1:19.25	JOZSEF CSIKANY	HUN	2014
30.51	DAVID QUIGGIN	USA	2009	1:05.86	KEEFE LODWIG	USA	2013	1:20.74	MIKLOS KOVATS	HUN	2010
30.53	BERND SCHRODER	GER	2009	1:05.92	AKIRA FUJIMAKI	JPN	2014	1:20.93	S.SEKIKAWA	JPN	2003
100 M. FLY				1:06.18	RONALD JOHNSON	USA	2001	1:22.13	MARTY MENNEN	USA	2009
1:07.34	RICHARD ABRAHAMS	USA	2010	1:06.27	IAN SMITH	CAN	2011	1:22.30	T.HASHIMOTO	JPN	2010
1:07.78	JOSEP CLARET	ESP	2009	1:06.30	RUDOLF SMERDA	CZE	2013	200 M. BACK			
1:09.60	ROBERT POILETMAN	USA	2009	200 M. FREE				2:44.59	RICHARD BURNS	USA	2013
1:09.98	FRED BAIRD	USA	2013	2:24.41	DAVID QUIGGIN	USA	2014	2:48.10	BARRY YOUNG	NZL	2009
1:10.22	BORIS RUZHITSKIY	RUS	2009	2:26.20	DAVID RADCLIFF	USA	2008	2:49.85	BERND HORSTMANN	GER	2013
1:10.80	DEREK PARR	GBR	2009	2:27.83	RICHARD BURNS	USA	2013	2:54.65	JOZSEF CSIKANY	HUN	2014
1:12.27	HUBIE KERNS	USA	2014	2:28.37	CAV CAVANAUGH	USA	2005	2:55.19	BURWELL JONES	USA	2005
1:12.78	BARRY YOUNG	NZL	2004	2:28.42	TOM LANDIS	USA	2012	2:58.62	S.SEKIKAWA	JPN	2003
1:12.93	TOMOYASU IIDA	JPN	2006	2:29.15	KEEFE LODWIG	USA	2013	2:58.88	MARTY MENNEN	USA	2006
1:13.11	BERND SCHRODER	GER	2009	2:29.45	GRAHAM JOHNSTON	USA	2001	2:59.52	MIKLOS KOVATS	HUN	2010
200 M. FLY				2:30.11	KARL-LUDWIG REHN	GER	2010	3:01.03	KARL DONOGHUE	CAN	2010
2:47.60	DEREK PARR	GBR	2009	2:31.76	MASATO YOSHINO	JPN	2010	3:01.26	YOSHI OYAKAWA	USA	2003
2:49.95	JOEL WILSON	USA	2014	2:32.47	AKIRA FUJIMAKI	JPN	2014	50 M. BRST			
2:50.18	ROBERT POILETMAN	USA	2009	400 M. FREE				37.23	YOSHIHIKO OSAKI	JPN	2009
2:50.38	HUBIE KERNS	USA	2014	5:12.05	GRAHAM JOHNSTON	USA	2001	37.34	KENNETH FROST	USA	2014
2:51.07	BARRY YOUNG	NZL	2004	5:17.20	DAVID RADCLIFF	USA	2008	37.47	KARL WIEDAMANN	USA	2008
2:51.83	J.LESTIDEAU	FRA	2012	5:21.27	TOM LANDIS	USA	2012	37.68	PETER ANDERSEN	USA	2013
2:52.19	FRED BAIRD	USA	2013	5:21.97	DAVID QUIGGIN	USA	2014	37.93	AKIO SUGIYAMA	JPN	2004
2:54.46	RUDOLF SMERDA	CZE	2008	5:24.85	JOHN CRISP	AUS	2006	37.96	CHARLES BALDWIN	USA	2000
2:55.11	FRANK MCELROY	USA	2013	5:25.70	WERNER SCHNABEL	GER	2006	37.98	JOHN KORTHEUER	USA	2001
2:56.00	GUNTER SCHOPKE	GER	2005	5:26.46	KEEFE LODWIG	USA	2013	37.99	JAN JOHANSEN	DEN	2012
200 M. I.M.				5:28.64	BURWELL JONES	USA	2005	38.06	YURII MARENKOV	RUS	2013
2:39.23	HUBIE KERNS	USA	2014	5:29.04	BARRY YOUNG	NZL	2009	38.12	JURGEN ZIMMERMANN	GER	2009
2:41.20	ALEK SHESTAKOV	USA	2014	5:29.24	CAV CAVANAUGH	USA	2005	100 M. BRST			
2:43.37	RICHARD BURNS	USA	2009	800 M. FREE				1:23.65	KENNETH FROST	USA	2014
2:44.41	LEE CHILDS	USA	2013	10:45.92	GRAHAM JOHNSTON	USA	2002	1:24.12	DAVID GILDEA	USA	2013
2:44.44	GERSHON SHEFA	ISR	2008	10:49.02	DAVID RADCLIFF	USA	2006	1:24.71	KARL WIEDAMANN	USA	2008
2:45.17	BARRY YOUNG	NZL	2004	11:19.41	JOHN CRISP	AUS	2005	1:25.25	ANTONIO ORSELLI	BRA	2012
2:45.64	J.LESTIDEAU	FRA	2011	11:19.55	BURWELL JONES	USA	2005	1:25.53	TONY GOODWIN	AUS	2007
2:45.64	BERND HORSTMANN	GER	2009	11:20.69	TOM LANDIS	USA	2012	1:26.25	BARRY YOUNG	NZL	2009
2:48.63	TOM LANDIS	USA	2007	11:25.71	ERNIE LESKOVITZ	USA	2006	1:26.41	TETSUO NAKAMARU	JPN	2005
2:49.61	KOJI IWAMOTO	JPN	2009	11:33.11	WERNER SCHNABEL	GER	2006	1:26.70	THOMAS WALKER	GBR	2005
400 M. I.M.				11:34.12	MASATO YOSHINO	JPN	2009	1:26.78	MICHAEL MOLONEY	AUS	2009
5:50.98	ALEK SHESTAKOV	USA	2014	11:35.33	DAVID HARRISON	USA	2007	1:26.90	HANS REICHEL	GER	2007
5:51.91	HUBIE KERNS	USA	2014	11:39.81	JOACHIM HINTZE	GER	2012	200 M. BRST			
5:52.50	GEORGE WENDT	USA	2012	1500 M. FREE				3:04.79	MICHAEL MOLONEY	AUS	2009
5:52.79	BARRY YOUNG	NZL	2004	20:36.56	GRAHAM JOHNSTON	USA	2001	3:07.50	KARL WIEDAMANN	USA	2008
5:55.49	GERSHON SHEFA	ISR	2008	21:07.50	DAVID RADCLIFF	USA	2008	3:07.93	KENNETH FROST	USA	2014
6:01.74	FRANK MCELROY	USA	2013	21:12.56	TOM LANDIS	USA	2012	3:09.27	TONY GOODWIN	AUS	2008
6:03.31	TOM LANDIS	USA	2007	21:49.74	WERNER SCHNABEL	GER	2006	3:11.67	CLAUDIO NEGRI	ITA	2006
6:04.24	J.LESTIDEAU	FRA	2012	21:53.77	BURWELL JONES	USA	2005	3:12.61	HANS REICHEL	GER	2008
6:05.15	ROBERTO ALBERICHE	ESP	1996	22:01.12	JOHN CRISP	AUS	2005	3:14.76	THOMAS WALKER	GBR	2006
6:08.44	GRAHAM JOHNSTON	USA	1996	22:03.95	MASATO YOSHINO	JPN	2010	3:15.07	DAVID GILDEA	USA	2013
*****				22:06.67	YASUSHI YAMAGUCHI	JPN	2009	3:15.21	MASARU SHINKAI	JPN	2013
				22:08.77	VICTOR PAUL	AUS	2014	3:15.70	YOSHIKI AOKI	JPN	2008
				22:23.50	KEEFE LODWIG	USA	2013	50 M. FLY			
*****				50 M. BACK				31.28	JOSEP CLARET	ESP	2014
50 M. FREE				33.59	RICHARD BURNS	USA	2013	31.37	JIM DRAGON	USA	2014
28.35	IAN SMITH	CAN	2011	34.90	BERND HORSTMANN	GER	2012	31.42	RICHARD BURNS	USA	2013



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31.49	HIROSHI MATSUMOTO	JPN	2007	1:06.63	DAVID RADCLIFF	USA	2009	1:21.52	YOSHI OYAKAWA	USA	2008
31.95	BORIS RUZHITSKIY	RUS	2014	1:10.02	SHINGO YAMAMOTO	JPN	2008	1:22.05	S.SEKIKAWA	JPN	2009
31.95	BERND SCHRODER	GER	2013	1:10.38	GRAHAM JOHNSTON	USA	2006	1:26.00	CLARKE MITCHELL	USA	2007
31.95	Y.FUNAHASHI	JPN	2010	1:10.49	HIROSHI MATSUMOTO	JPN	2012	1:26.00	KEIJIRO NAKAMURA	JPN	1998
31.97	DAVID QUIGGIN	USA	2014	1:11.78	HELMUT RICHTER	GER	2014	1:26.55	MARTY MENNEN	USA	2011
32.11	RONALD JOHNSON	USA	2001	1:11.83	BURWELL JONES	USA	2008	1:27.24	MAMPEI SEINO	JPN	2007
32.27	JAMES ELDER	USA	2014	1:12.63	MASATO YOSHINO	JPN	2013	1:29.14	DOUGLAS ALPINO	BRA	2012
100 M. FLY				1:12.78	WERNER SCHNABEL	GER	2011	1:29.18	BARRY YOUNG	NZL	2014
1:14.20	ROBERT POILETMAN	USA	2013	1:13.18	H.TAKAHASHI	JPN	2011	1:29.41	GERHARD HOLE	GER	2010
1:14.47	JOSEP CLARET	ESP	2014	1:13.30	CAV CAVANAUGH	USA	2011	200 M. BACK			
1:16.04	KOJI IWAMOTO	JPN	2012	2:00 M. FREE				2:57.72	BURWELL JONES	USA	2010
1:16.14	RICHARD BURNS	USA	2014	2:25.66	DAVID RADCLIFF	USA	2009	3:04.07	S.SEKIKAWA	JPN	2010
1:16.18	BARRY YOUNG	NZL	2009	2:35.32	BURWELL JONES	USA	2009	3:07.08	MARTY MENNEN	USA	2011
1:16.80	DEREK PARR	GBR	2014	2:36.30	GRAHAM JOHNSTON	USA	2006	3:10.25	ROGER FRANKS	USA	2002
1:17.41	RUDOLF SMERDA	CZE	2013	2:40.79	MASATO YOSHINO	JPN	2013	3:10.64	KEIJIRO NAKAMURA	JPN	1998
1:18.02	AKIRA TAKAKURA	JPN	2014	2:41.06	IKURO SHIMONO	JPN	2013	3:13.03	YOSHI OYAKAWA	USA	2008
1:18.18	T.TAKESHITA	JPN	2012	2:41.39	WERNER SCHNABEL	GER	2012	3:13.56	BARRY YOUNG	NZL	2014
1:19.44	WOLFRAM GOTTFRIED	GER	2002	2:43.81	IGOR BROVIN	RUS	2009	3:13.69	GERHARD HOLE	GER	2010
200 M. FLY				2:43.98	LAURI MALK	FIN	2012	3:14.55	MAMPEI SEINO	JPN	2007
2:53.26	BARRY YOUNG	NZL	2009	2:44.40	YASUSHI YAMAGUCHI	JPN	2014	3:15.00	RAY TAFT	USA	1995
2:59.21	ROBERT POILETMAN	USA	2013	2:44.97	ANRI VERESHCHAGIN	RUS	2009	50 M. BRST			
3:04.35	GUNTER SCHOPKE	GER	2010	400 M. FREE				39.65	HANS REICHELT	GER	2011
3:08.06	TAISUKE MIYAZAKI	JPN	2009	5:17.77	DAVID RADCLIFF	USA	2009	39.92	TONY GOODWIN	AUS	2012
3:08.50	RUDOLF SMERDA	CZE	2013	5:32.06	GRAHAM JOHNSTON	USA	2006	40.01	TETSUO NAKAMARU	JPN	2010
3:10.53	RICHARD KITCHELL	USA	2010	5:33.42	BURWELL JONES	USA	2009	40.20	MIKHAIL FARAFONOV	RUS	2012
3:12.79	DEREK PARR	GBR	2014	5:39.94	JOHN CRISP	AUS	2010	40.38	TOSHIO TAJIMA	JPN	2000
3:13.74	CLAUDIO NEGRI	ITA	2008	5:43.90	IKURO SHIMONO	JPN	2013	40.41	DON BIDWELL	NZL	2009
3:13.81	JOACHIM HINTZE	GER	2012	5:43.91	WERNER SCHNABEL	GER	2011	40.44	WERNER MULLER	GER	2008
3:14.18	DAVID MCLACHLAN	RSA	2008	5:44.68	MASATO YOSHINO	JPN	2014	40.49	HIROFUMI HOSOTANI	JPN	2010
200 M. I.M.				5:48.71	YASUSHI YAMAGUCHI	JPN	2014	40.56	BELA FABIAN	HUN	2012
2:44.36	BARRY YOUNG	NZL	2009	5:49.23	IGOR BROVIN	RUS	2009	40.68	WOLFGANG DREIACK	GER	2012
2:55.13	RICHARD BURNS	USA	2013	5:54.36	HIROSHI YOSHIMURA	JPN	2004	100 M. BRST			
2:56.72	TOM LANDIS	USA	2012	800 M. FREE				1:29.35	TONY GOODWIN	AUS	2012
2:57.68	ED REED	USA	2014	11:07.90	DAVID RADCLIFF	USA	2009	1:29.55	TETSUO NAKAMARU	JPN	2010
2:58.06	BURWELL JONES	USA	2003	11:25.95	GRAHAM JOHNSTON	USA	2006	1:29.92	HANS REICHELT	GER	2011
2:58.31	KENNETH FROST	USA	2014	11:59.76	JOHN CRISP	AUS	2010	1:31.65	BELA FABIAN	HUN	2012
2:58.81	JACK KELSO	CAN	2010	11:59.91	MASATO YOSHINO	JPN	2013	1:31.90	TSUTOMU KAJIHARA	JPN	2008
2:59.75	GERSHON SHEFA	ISR	2013	12:04.82	IGOR BROVIN	RUS	2009	1:32.06	SHUNSAKU TAKAHIRA	JPN	2007
2:59.90	RONALD JOHNSON	USA	2001	12:08.69	IKURO SHIMONO	JPN	2012	1:32.17	YOSHIAKI AOKI	JPN	2013
2:59.95	BERND HORSTMANN	GER	2013	12:14.79	WERNER SCHNABEL	GER	2011	1:32.46	PETER BELL	CAN	2010
400 M. I.M.				12:17.40	GIULIO DIVANO	ITA	2009	1:33.29	WERNER MULLER	GER	2008
5:57.81	BARRY YOUNG	NZL	2009	12:29.76	GERHARD HOLE	GER	2010	1:34.93	JOHN KORTHEUER	USA	2006
6:24.76	TOM LANDIS	USA	2012	12:32.78	JOSEF KREJCI	SUI	2009	200 M. BRST			
6:30.58	RUDOLF SMERDA	CZE	2014	1500 M. FREE				3:17.54	TONY GOODWIN	AUS	2012
6:31.03	ED REED	USA	2014	21:03.06	DAVID RADCLIFF	USA	2009	3:24.08	HANS REICHELT	GER	2011
6:32.11	BURWELL JONES	USA	2003	22:48.56	JOHN CRISP	AUS	2010	3:28.51	SHUNSAKU TAKAHIRA	JPN	2007
6:32.30	MASAO KIJIMA	JPN	2011	23:02.25	GRAHAM JOHNSTON	USA	2006	3:28.63	TSUTOMU KAJIHARA	JPN	2008
6:34.43	GRAHAM JOHNSTON	USA	2001	23:16.89	MASATO YOSHINO	JPN	2014	3:28.79	BELA FABIAN	HUN	2012
6:41.36	IKURO SHIMONO	JPN	2009	23:30.55	YASUSHI YAMAGUCHI	JPN	2014	3:28.90	CLAUDIO NEGRI	ITA	2012
6:43.66	JURGEN ALTENHOFEN	GER	2014	23:31.64	WERNER SCHNABEL	GER	2012	3:29.31	YOSHIAKI AOKI	JPN	2013
6:43.80	MIKE FRESHLEY	USA	2012	23:34.20	HIROSHI YOSHIMURA	JPN	2005	3:30.58	PETER BELL	CAN	2010
*****				23:50.80	GIULIO DIVANO	ITA	2009	3:31.13	ERIVALDO LIMA	BRA	2008
M E N 75-79				24:10.00	TOSABURO HOSOKAWA	JPN	2010	3:31.20	MORIAKI SUGIURA	JPN	2014
*****				24:28.62	GERHARD HOLE	GER	2013	50 M. FLY			
50 M. FREE				50 M. BACK				32.61	Y.FUNAHASHI	JPN	2014
30.28	DAVID RADCLIFF	USA	2009	36.14	YOSHI OYAKAWA	USA	2008	32.76	HIROSHI MATSUMOTO	JPN	2012
30.63	SHINGO YAMAMOTO	JPN	2008	36.38	S.SEKIKAWA	JPN	2008	33.83	JOHN SMITH	USA	2013
30.78	HIROSHI MATSUMOTO	JPN	2011	36.90	BURWELL JONES	USA	2010	35.02	TAISUKE MIYAZAKI	JPN	2014
30.82	DONALD HILL	USA	2009	37.51	KEIJIRO NAKAMURA	JPN	1998	35.66	FRANK PIEMME	USA	2000
31.14	ALDO EMINENTE	FRA	2006	38.08	CLARKE MITCHELL	USA	2007	35.68	JEAN LE DALL	FRA	2008
31.19	FRANK PIEMME	USA	2000	38.24	HARRY BRAAKSMA	CAN	2014	35.69	HELMUT RICHTER	GER	2014
31.32	JOHN SMITH	USA	2013	38.83	HELMUT RICHTER	GER	2014	35.95	TAKASHI HAYASHI	JPN	2008
31.33	ETTORE FARDELLO	ITA	2012	39.24	PAUL HUTINGER	USA	2000	36.01	CLARKE MITCHELL	USA	2007
31.35	CLARKE MITCHELL	USA	2009	39.28	JOHN SMITH	USA	2013	36.04	GENICHI IGARASHI	JPN	2011
31.38	YOSHI OYAKAWA	USA	2008	39.48	MAMPEI SEINO	JPN	2007	100 M. FLY			
100 M. FREE				100 M. BACK				1:25.60	TAISUKE MIYAZAKI	JPN	2014
				1:20.98	BURWELL JONES	USA	2009	1:26.04	TAKASHI HAYASHI	JPN	2008



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1:28.30	GIULIO DIVANO	ITA	2009	200 M. FREE		3:16.22	BURWELL JONES	USA	2013		
1:28.67	DAVID MCLACHLAN	RSA	2012	2:40.22	DAVID RADCLIFF	USA	2014	3:16.82	KEIJIRO NAKAMURA	JPN	2004
1:28.72	WERNER MULLER	GER	2008	2:48.76	ROBERTO ALBERICHE	ESP	2011	3:27.80	CLARKE MITCHELL	USA	2013
1:29.16	GENICHI IGARASHI	JPN	2011	2:52.91	GRAHAM JOHNSTON	USA	2013	3:30.76	PAUL HUTINGER	USA	2004
1:31.60	LAURI MALK	FIN	2012	2:53.10	BURWELL JONES	USA	2013	3:31.36	RAYMOND TAFT	USA	1999
1:31.89	BURWELL JONES	USA	2010	2:59.28	HIROSHI YOSHIMURA	JPN	2008	3:33.41	JAN ZIEGLER	CZE	2005
1:32.84	WILLIAM LAUER	USA	2011	3:00.09	SHINGO YAMAMOTO	JPN	2011	3:37.70	DONALD BROWN	USA	2013
1:34.12	DAVID CUMMING	GBR	2013	3:02.50	KAZUO OTA	JPN	2013	3:39.22	ROGER FRANKS	USA	2007
200 M. FLY				3:03.45	HIKOJI UEKI	JPN	1995	3:40.07	TOSHIJI SATO	JPN	1996
3:26.21	DAVID MCLACHLAN	RSA	2012	3:04.08	ROD BAKER	AUS	2008	3:40.80	LARRY GOOD	USA	2014
3:26.28	TAKASHI HAYASHI	JPN	2008	3:04.65	FRANK PIEMME	USA	2005	50 M. BRST			
3:31.90	WERNER MULLER	GER	2009	400 M. FREE				41.68	TOSHIO TAJIMA	JPN	2006
3:33.34	GIULIO DIVANO	ITA	2010	5:52.31	DAVID RADCLIFF	USA	2014	43.05	IWAMI IKEDA	JPN	2014
3:33.50	LAURI MALK	FIN	2012	6:08.75	GIULIO DIVANO	ITA	2011	43.62	Y.MIYAMOTO	JPN	1998
3:34.30	MAURICE LUSIEN	FRA	2001	6:10.13	GRAHAM JOHNSTON	USA	2012	43.67	PATRICK GALVIN	AUS	2013
3:34.82	CLAUDIO NEGRI	ITA	2012	6:11.49	ROBERTO ALBERICHE	ESP	2011	43.93	WERNER MULLER	GER	2013
3:35.90	KARL HAUTER	GER	2001	6:20.66	BURWELL JONES	USA	2014	44.41	BOB BEST	USA	2012
3:36.81	DAVID CUMMING	GBR	2014	6:26.98	IGOR BROVIN	RUS	2012	44.72	GERHARD GIERA	GER	2008
3:41.37	ERIVALDO LIMA	BRA	2009	6:31.17	HIROSHI YOSHIMURA	JPN	2009	44.88	TSUTOMU KAJIHARA	JPN	2013
200 M. I.M.				6:33.71	ROD BAKER	AUS	2008	44.99	HORST FRITSCHKE	GER	2006
3:06.58	BURWELL JONES	USA	2009	6:36.12	FRANK PIEMME	USA	2005	45.38	KARL HAUTER	GER	2005
3:07.29	GERHARD HOLE	GER	2010	6:39.26	KEVIN VICKERY	AUS	2003	100 M. BRST			
3:09.33	IKURO SHIMONO	JPN	2012	800 M. FREE				1:39.32	PATRICK GALVIN	AUS	2013
3:12.48	DAVID MCLACHLAN	RSA	2012	11:49.29	DAVID RADCLIFF	USA	2014	1:39.73	TSUTOMU KAJIHARA	JPN	2013
3:13.53	GRAHAM JOHNSTON	USA	2006	12:51.45	GRAHAM JOHNSTON	USA	2012	1:41.02	TOSHIO TAJIMA	JPN	2005
3:16.31	BELA FABIAN	HUN	2012	12:52.38	GIULIO DIVANO	ITA	2011	1:42.33	WERNER MULLER	GER	2013
3:18.35	FRANK PIEMME	USA	2000	12:55.27	BURWELL JONES	USA	2013	1:43.16	JAN ZIEGLER	CZE	2005
3:18.81	GIULIO DIVANO	ITA	2010	13:28.82	IGOR BROVIN	RUS	2012	1:43.21	ROBERT MACDONALD	USA	2008
3:18.84	ANRI VERESHCHAGIN	RUS	2009	13:39.76	ROD BAKER	AUS	2008	1:43.43	SHUNSAKU TAKAHIRA	JPN	2013
3:18.86	JOHN CRISP	AUS	2010	13:43.17	JOSEF KREJCI	SUI	2013	1:43.74	AL CRAIG	USA	2007
400 M. I.M.				13:44.73	HIROSHI YOSHIMURA	JPN	2009	1:43.85	GERHARD GIERA	GER	2008
6:48.48	BURWELL JONES	USA	2009	13:50.05	NORBERT ARTUS	CAN	1994	1:44.13	HAL STOLZ	USA	2014
6:58.19	GIULIO DIVANO	ITA	2009	13:50.35	KATSURA SUZUKI	JPN	2011	200 M. BRST			
7:08.74	GRAHAM JOHNSTON	USA	2007	1500 M. FREE				3:43.82	TSUTOMU KAJIHARA	JPN	2014
7:10.29	DAVID MCLACHLAN	RSA	2012	22:16.90	DAVID RADCLIFF	USA	2014	3:47.15	PATRICK GALVIN	AUS	2013
7:14.22	ANRI VERESHCHAGIN	RUS	2009	24:40.69	GIULIO DIVANO	ITA	2011	3:47.81	AL CRAIG	USA	2007
7:18.01	KARL HAUTER	GER	2001	25:10.41	GRAHAM JOHNSTON	USA	2011	3:47.98	KARL HAUTER	GER	2005
7:19.30	JOSEF KREJCI	SUI	2008	25:59.56	HIROSHI YOSHIMURA	JPN	2008	3:48.49	ROBERT MACDONALD	USA	2008
7:19.31	DAVID CUMMING	GBR	2014	26:39.67	KATSURA SUZUKI	JPN	2011	3:49.18	ZENJI NAKAHARI	JPN	2009
7:21.08	WERNER MULLER	GER	2008	26:52.76	FRANK PIEMME	USA	2005	3:51.06	LARRY GOOD	USA	2014
7:21.75	RAYMOND TAFT	USA	1995	26:52.93	RAYMOND TAFT	USA	1999	3:51.06	SHUNSAKU TAKAHIRA	JPN	2012
*****				27:00.00	DAVID LAWLER	AUS	2009	3:53.23	JAN ZIEGLER	CZE	2005
*****				27:09.47	HIROSHI IMAIZUMI	JPN	2005	3:53.43	WERNER MULLER	GER	2013
M E N 80-84				27:14.31	JURGEN SCHMIDT	USA	2003	50 M. FLY			
*****				50 M. BACK				38.05	TAKASHI HAYASHI	JPN	2013
50 M. FREE				38.16	S.SEKIKAWA	JPN	2013	38.75	CLARKE MITCHELL	USA	2013
31.96	ROBERTO ALBERICHE	ESP	2012	38.41	KEIJIRO NAKAMURA	JPN	2003	39.17	WERNER MULLER	GER	2013
32.73	B.SCHLURIKE	GER	2002	39.36	YOSHI OYAKAWA	USA	2014	39.65	GIULIO DIVANO	ITA	2011
33.08	SHINGO YAMAMOTO	JPN	2012	40.71	SHOICHI SAKOMOTO	JPN	1998	40.26	ROBERTO ALBERICHE	ESP	2012
33.09	FRANK PIEMME	USA	2005	41.12	BURWELL JONES	USA	2013	40.65	FRANK PIEMME	USA	2005
33.12	KEIJIRO NAKAMURA	JPN	2004	41.40	PAUL HUTINGER	USA	2004	40.95	TOSHIO TAJIMA	JPN	2005
33.18	CLARKE MITCHELL	USA	2013	41.49	CLARKE MITCHELL	USA	2012	41.02	BOB BEST	USA	2012
33.27	DAVID RADCLIFF	USA	2014	42.13	SHOICHI SHIDA	JPN	2008	41.36	MAX VAN GELDER	NED	2004
33.58	ANDERS SODERQVIST	SWE	2013	42.49	RAYMOND TAFT	USA	1999	41.67	SUEO YAMAGUCHI	JPN	2009
33.88	WOODY BOWERSOCK	USA	1993	42.71	MASAKI INABA	JPN	2006	100 M. FLY			
34.03	SHOICHI SAKOMOTO	JPN	1998	100 M. BACK				1:29.39	GIULIO DIVANO	ITA	2011
100 M. FREE				1:26.44	S.SEKIKAWA	JPN	2013	1:34.18	TAKASHI HAYASHI	JPN	2013
1:11.82	DAVID RADCLIFF	USA	2014	1:26.97	KEIJIRO NAKAMURA	JPN	2003	1:40.57	WERNER MULLER	GER	2013
1:13.12	ROBERTO ALBERICHE	ESP	2011	1:31.10	CLARKE MITCHELL	USA	2013	1:43.93	WILLIAM LAUER	USA	2014
1:16.04	GRAHAM JOHNSTON	USA	2011	1:32.84	BURWELL JONES	USA	2014	1:45.50	THOMAS MAINE	USA	2006
1:17.11	KEIJIRO NAKAMURA	JPN	2003	1:35.36	RAYMOND TAFT	USA	1999	1:45.53	JAN ZIEGLER	CZE	2006
1:17.85	KELLEY LEMMON	PUR	1993	1:35.42	PAUL HUTINGER	USA	2004	1:46.11	FRANK PIEMME	USA	2005
1:17.93	SHINGO YAMAMOTO	JPN	2011	1:36.58	FRITZ ILGEN	GER	2014	1:47.86	KARL HAUTER	GER	2005
1:17.96	SHOICHI SHIDA	JPN	2006	1:36.95	GORO KOBAYASHI	JPN	1998	1:47.88	ANDREW HOLDEN	USA	1999
1:18.77	FRANK PIEMME	USA	2005	1:37.15	YOSHI OYAKAWA	USA	2014	1:48.37	HAL STOLZ	USA	2014
1:18.82	ANDERS SODERQVIST	SWE	2013	1:38.13	DALE WEBSTER	USA	2006	200 M. FLY			
1:18.85	ROD BAKER	AUS	2008	200 M. BACK				3:31.42	GIULIO DIVANO	ITA	2011



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3:38.95	TAKASHI HAYASHI	JPN	2013	3:32.76	RADO HOCEVAR	SLO	2012	50	M.	BRST		
3:54.51	THOMAS MAINE	USA	2006	400	M.	FREE		45.58	TOSHIO TAJIMA		JPN	2011
4:02.29	WERNER MULLER	GER	2013	7:02.33	ROD BAKER	AUS	2013	46.23	Y.MIYAMOTO		JPN	2002
4:03.00	JAN ZIEGLER	CZE	2005	7:03.07	FRANK PIEMME	USA	2010	48.94	GERHARD GIERA		GER	2013
4:04.18	WILLIAM LAUER	USA	2014	7:05.53	HIKOJI UEKI	JPN	2000	49.46	HIROMU YOSHIMOTO		JPN	2000
4:11.09	ANTON CERER	USA	1998	7:06.36	WILLARD LAMB	USA	2008	49.49	FRANK PIEMME		USA	2010
4:11.48	KARL HAUTER	GER	2006	7:12.16	JIM EUBANK	USA	2001	49.69	ROLF WALTHER		GER	2014
4:19.84	HAL STOLZ	USA	2014	7:16.00	KARL HAUTER	GER	2013	49.90	SEIJI TAKAHASHI		JPN	2000
4:19.95	GRAHAM JOHNSTON	USA	2011	7:20.63	D.CASOLINO	ITA	2012	50.57	BARTON GREENBERG		USA	2009
200	M.	I.M.		7:20.74	HIROSHI IMAIZUMI	JPN	2010	50.74	PAUL KRUP		USA	2002
3:20.65	GIULIO DIVANO	ITA	2011	7:25.95	JURGEN SCHMIDT	USA	2008	50.83	FREDERICK HOPPE		USA	2012
3:29.66	ROBERTO ALBERICHE	ESP	2012	7:33.45	JIRO KOBAYASHI	JPN	2010	100	M.	BRST		
3:32.82	JAN ZIEGLER	CZE	2005	800	M.	FREE		1:51.79	FRANK PIEMME		USA	2010
3:33.09	WERNER MULLER	GER	2013	14:36.90	WILLARD LAMB	USA	2008	1:53.27	BARTON GREENBERG		USA	2009
3:33.56	YOSHINAO KAMEI	JPN	2013	14:43.80	ROD BAKER	AUS	2013	1:53.70	HIROMU YOSHIMOTO		JPN	2000
3:34.94	FRANK PIEMME	USA	2005	14:43.81	FRANK PIEMME	USA	2010	1:54.19	Y.MIYAMOTO		JPN	2002
3:35.20	KARL HAUTER	GER	2006	15:11.24	D.CASOLINO	ITA	2012	1:56.64	H.REITEMEYER		GER	2006
3:39.78	BOB BEST	USA	2013	15:24.45	JIM EUBANK	USA	2001	1:57.18	KARL HAUTER		GER	2010
3:40.00	ANRI VERESHCHAGIN	RUS	2014	15:24.97	HIROSHI IMAIZUMI	JPN	2010	1:57.36	TOSHIO TAJIMA		JPN	2010
3:41.70	S.KROKOSZYNSKI	POL	2010	15:32.70	JURGEN SCHMIDT	USA	2008	1:57.78	GERHARD GIERA		GER	2013
400	M.	I.M.		15:53.00	KARL HAUTER	GER	2010	1:58.07	ROBERT MACDONALD		USA	2013
7:12.63	GIULIO DIVANO	ITA	2011	15:59.86	TOKUSHI KOMEDA	JPN	1999	2:00.89	ALDO DAROSA		USA	2003
7:38.09	JAN ZIEGLER	CZE	2005	16:05.56	RADO HOCEVAR	SLO	2013	200	M.	BRST		
7:39.71	WILLIAM LAUER	USA	2014	1500	M.	FREE		4:10.75	AL CRAIG		USA	2012
7:45.19	LARRY GOOD	USA	2014	28:35.24	WILLARD LAMB	USA	2008	4:13.81	KARL HAUTER		GER	2010
7:47.73	THOMAS MAINE	USA	2006	29:00.17	ROD BAKER	AUS	2013	4:15.11	FRANK PIEMME		USA	2010
7:54.48	BOB BEST	USA	2012	29:12.85	JURGEN SCHMIDT	USA	2008	4:16.56	THOMAS MAINE		USA	2010
7:57.61	KARL HAUTER	GER	2005	29:53.88	JIM EUBANK	USA	2000	4:16.96	ROBERT MACDONALD		USA	2013
7:58.02	ANRI VERESHCHAGIN	RUS	2014	30:10.16	HIROSHI IMAIZUMI	JPN	2010	4:20.59	FREDERICK HOPPE		USA	2012
8:03.49	FRANK PIEMME	USA	2005	30:14.52	TOKUSHI KOMEDA	JPN	1999	4:22.99	HIROMU YOSHIMOTO		JPN	2000
8:05.14	RAYMOND TAFT	USA	1999	31:17.64	ALDO DA ROSA	USA	2002	4:25.31	ALDO DAROSA		USA	2003
*****				31:18.17	THOMAS MAINE	USA	2010	4:26.74	H.REITEMEYER		GER	2006
M E N 85-89				32:32.53	HAROLD DODD	GBR	2004	4:36.86	HAROLD PERRY		USA	1996
*****				32:56.41	NILS FERM	SWE	2002	50	M.	FLY		
50	M.	FREE		50	M.	BACK		45.63	FRANK PIEMME		USA	2010
33.94	KEIJIRO NAKAMURA	JPN	2008	39.89	KEIJIRO NAKAMURA	JPN	2008	46.48	ANDREW HOLDEN		USA	2004
35.77	WOODROW BOWERSOCK	USA	1998	42.17	GORO KOBAYASHI	JPN	2001	46.85	TOSHIO TAJIMA		JPN	2010
35.85	FRANK PIEMME	USA	2010	44.52	FRED VAN DYKE	USA	2006	47.88	TAMON YOSHIDA		JPN	2011
36.40	JAMES EUBANK	USA	2000	45.16	TOSHIJI SATO	JPN	2000	50.30	THOMAS MAINE		USA	2010
36.41	GORO KOBAYASHI	JPN	2002	45.33	SHOICHI SAKAMOTO	JPN	2004	50.64	MAX VON ISSER		USA	2006
36.62	ROD BAKER	AUS	2013	45.60	K.KLAUSTERMEYER	GER	2013	51.12	PAUL KRUP		USA	2002
36.90	TAKAHIKO NOMA	JPN	2013	46.89	SHOICHI SHIDA	JPN	2012	51.26	ROBERT MACDONALD		USA	2013
36.90	TOSHIMI INATOMI	JPN	2011	47.06	ALDO DA ROSA	USA	2002	51.81	Y.MIYAMOTO		JPN	2002
37.21	ANDREW HOLDEN	USA	2004	47.30	ROD BAKER	AUS	2013	53.71	SILVANO DANIELI		ITA	2012
37.33	WILLARD LAMB	USA	2008	47.54	HELMUT KUNZEL	GER	2012	100	M.	FLY		
100	M.	FREE		100	M.	BACK		1:55.18	THOMAS MAINE		USA	2010
1:23.25	FRANK PIEMME	USA	2010	1:31.65	KEIJIRO NAKAMURA	JPN	2008	2:02.53	ANDREW HOLDEN		USA	2004
1:23.52	KEIJIRO NAKAMURA	JPN	2008	1:36.34	GORO KOBAYASHI	JPN	2001	2:05.21	KARL HAUTER		GER	2010
1:23.87	JIM EUBANK	USA	2001	1:41.25	TOSHIJI SATO	JPN	2000	2:05.39	FRANK PIEMME		USA	2010
1:24.51	ROD BAKER	AUS	2013	1:48.22	ROD BAKER	AUS	2014	2:10.28	WALTER PFEIFFER		USA	1999
1:26.48	GORO KOBAYASHI	JPN	2002	1:48.68	HIKOJI UEKI	JPN	2000	2:11.44	ANTON CERER		USA	2002
1:26.71	HIKOJI UEKI	JPN	2000	1:49.24	WILLARD LAMB	USA	2008	2:12.47	MAX VAN GELDER		NED	2009
1:26.78	WILLARD LAMB	USA	2007	1:49.54	ALDO DA ROSA	USA	2002	2:17.29	PAUL KRUP		USA	2002
1:27.61	WOODROW BOWERSOCK	USA	1998	1:49.88	HELMUT KUNZEL	GER	2013	2:17.55	PAUL HUTINGER		USA	2009
1:28.56	SHOICHI SHIDA	JPN	2011	1:51.56	ALAN WEEDEN	USA	2009	2:20.76	FRANK GRANNIS		USA	2009
1:30.30	JIRO KOBAYASHI	JPN	2010	1:51.83	C.SCHERER	GER	1999	200	M.	FLY		
200	M.	FREE		200	M.	BACK		4:15.86	THOMAS MAINE		USA	2010
3:13.78	HIKOJI UEKI	JPN	2000	3:28.59	KEIJIRO NAKAMURA	JPN	2008	4:46.99	KARL HAUTER		GER	2010
3:16.89	FRANK PIEMME	USA	2010	3:41.06	GORO KOBAYASHI	JPN	2002	4:47.63	ANDREW HOLDEN		USA	2004
3:16.95	WILLARD LAMB	USA	2008	3:48.38	TOSHIJI SATO	JPN	2000	4:57.41	ANTON CERER		USA	2002
3:17.18	ROD BAKER	AUS	2013	3:54.81	ROD BAKER	AUS	2013	5:06.00	WALTER PFEIFFER		USA	1999
3:17.30	JIM EUBANK	USA	2001	3:56.47	KARL HAUTER	GER	2010	5:07.93	PAUL KRUP		USA	2002
3:19.10	GORO KOBAYASHI	JPN	2002	3:59.04	HELMUT KUNZEL	GER	2014	5:25.02	ALDO CAPUTI		ITA	2001
3:23.31	JIRO KOBAYASHI	JPN	2010	4:04.33	WILLARD LAMB	USA	2008	5:42.31	HIRONARI UEDA		JPN	2006
3:32.53	KARL HAUTER	GER	2013	4:04.99	JAN ZIEGLER	CZE	2010	5:54.28	FRANK GRIFFITHS		AUS	1993
3:32.69	JURGEN SCHMIDT	USA	2008	4:07.72	ALDO DA ROSA	USA	2002	5:55.76	DON LEADER		GBR	2009
				4:08.30	BELA BANKI	HUN	2006	200	M.	I.M.		



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3:51.20	THOMAS MAINE	USA	2010	9:43.35	JULIUS FEICHT	GER	2011	1:04.85	RAYMOND HAKOMAKI	USA	2010
3:51.88	FRANK PIEMME	USA	2010	9:44.11	GUS LANGNER	USA	1993	100 M. BRST			
3:57.74	KARL HAUTER	GER	2010	800 M. FREE				2:15.43	HIROMU YOSHIMOTO	JPN	2005
4:07.75	HIROSHI IMAIZUMI	JPN	2010	16:28.37	WILLARD LAMB	USA	2013	2:20.73	H.REITEMEYER	GER	2011
4:13.14	ANTON CERER	USA	2001	17:54.42	TOKUSHI KOMEDA	JPN	2005	2:23.53	RAYMOND HAKOMAKI	USA	2010
4:15.59	ANDREW HOLDEN	USA	2004	17:58.02	JURGEN SCHMIDT	USA	2013	2:28.24	BRUD CLEAVELAND	USA	2007
4:16.31	ALDO DAROSA	USA	2003	19:36.32	NILS FERM	SWE	2007	2:30.45	ALFRED SCHULHOF	CAN	2010
4:20.63	JAN ZIEGLER	CZE	2013	20:09.22	JOHN HARRISON	GBR	2004	2:30.49	GEORGE CORONES	AUS	2008
4:29.94	MAX VAN GELDER	NED	2009	20:13.74	GUS LANGNER	USA	1993	2:31.40	MASAHISA KANEKO	JPN	2002
4:30.49	TOKUSHI KOMEDA	JPN	1999	20:16.94	ELI KITAY	AUS	2014	2:34.03	M.GIAMPIETRO	ITA	2013
400 M. I.M.				20:28.49	BELA BANKI	HUN	2011	2:34.78	BELA BANKI	HUN	2010
8:21.81	THOMAS MAINE	USA	2010	20:43.98	JULIUS FEICHT	GER	2011	2:39.02	HANS PAUL	GER	1998
8:34.82	KARL HAUTER	GER	2010	20:48.20	JAMES TAR	BRA	2014	200 M. BRST			
9:21.90	ANTON CERER	USA	2001	1500 M. FREE				5:17.47	HIROMU YOSHIMOTO	JPN	2005
9:42.77	WALTER PFEIFFER	USA	1999	31:12.82	WILLARD LAMB	USA	2014	5:26.11	GEORGE CORONES	AUS	2009
10:28.43	FRANK GRIFFITHS	AUS	1994	36:22.20	JURGEN SCHMIDT	USA	2013	5:26.75	H.REITEMEYER	GER	2011
10:38.32	DON LEADER	GBR	2009	36:47.02	GUS LANGNER	USA	1993	5:35.18	MASAHISA KANEKO	JPN	2002
10:57.84	HIRONARI UEDA	JPN	2006	37:21.89	NILS FERM	SWE	2007	5:49.32	BELA BANKI	HUN	2010
11:23.79	WILLIAM JOHNSTON	USA	2003	38:53.18	ELI KITAY	AUS	2014	5:53.77	JURGEN SCHMIDT	USA	2014
11:52.88	ALDO CAPUTI	ITA	2000	38:56.19	JOHN HARRISON	GBR	2004	5:55.72	BRUD CLEAVELAND	USA	2007
11:59.54	JESSE COON	USA	1997	39:36.67	WALTER PFEIFFER	USA	2004	5:57.88	M.GIAMPIETRO	ITA	2013
*****				40:41.55	JAMES TAR	BRA	2014	6:04.55	ALFRED SCHULHOF	CAN	2010
M E N 90-94				40:59.21	RICHARD SMITH	USA	2010	6:11.58	RUSS WITTE	USA	2009
*****				42:04.81	KARL BAYERLEIN	GER	2012	50 M. FLY			
50 M. FREE				50 M. BACK				1:00.30	WALTER PFEIFER	USA	2003
39.19	WOODY BOWERSOCK	USA	2003	46.82	GORO KOBAYASHI	JPN	2006	1:03.95	FRANK GRANNIS	USA	2014
41.93	GEORGE CORONES	AUS	2008	51.94	ALAN WEEDEN	USA	2014	1:05.95	ANDREW HOLDEN	USA	2009
42.17	ROGER HALIMI	FRA	2012	53.26	KAZUNAGA AKUTSU	JPN	2002	1:10.34	HEINZ SIEGEL	GER	2004
43.03	TOKUSHI KOMEDA	JPN	2004	53.81	KAIZO WATANABE	JPN	2014	1:11.54	R.REINSTADTLER	GER	2002
43.78	KAZUNAGA AKUTSU	JPN	2002	53.99	R.REINSTADTLER	GER	2002	1:11.57	TOKUSHI KOMEDA	JPN	2004
44.07	MIRIO VINCENTIN	ARG	2009	54.07	TOSHIJI SATO	JPN	2005	1:12.66	ALDO CAPUTI	ITA	2005
44.71	GORO KOBAYASHI	JPN	2006	54.39	BELA BANKI	HUN	2010	1:21.55	JOHN HARRISON	GBR	2004
45.31	MASAHISA KANEKO	JPN	2002	54.41	MASAHISA KANEKO	JPN	2003	1:23.87	JESSE COON	USA	2000
45.87	MASAO UEDA	JPN	2002	54.65	ANTON BIEDERMANN	BRA	2014	1:26.07	JIM PENFIELD	USA	1998
45.97	ANTON BIEDERMANN	BRA	2014	54.96	WILLARD LAMB	USA	2013	100 M. FLY			
100 M. FREE				100 M. BACK				2:31.03	WALTER PFEIFER	USA	2003
1:38.05	GORO KOBAYASHI	JPN	2006	1:45.46	GORO KOBAYASHI	JPN	2006	2:46.91	ALDO CAPUTI	ITA	2005
1:40.54	TOKUSHI KOMEDA	JPN	2004	1:59.92	WILLARD LAMB	USA	2014	2:49.34	FRANK GRANNIS	USA	2014
1:41.87	WILLARD LAMB	USA	2014	2:04.48	TOSHIJI SATO	JPN	2006	3:29.53	JESSE COON	USA	2000
1:43.22	WOODY BOWERSOCK	USA	2003	2:04.94	R.REINSTADTLER	GER	2002	4:11.06	ROBERT DOUD	USA	2014
1:45.51	GEORGE CORONES	AUS	2009	2:06.63	BELA BANKI	HUN	2010	200 M. FLY			
1:48.50	ANTON BIEDERMANN	BRA	2014	2:07.20	JOHN MERRILL	USA	2007	5:51.79	WALTER PFEIFER	USA	2003
1:50.28	JURGEN SCHMIDT	USA	2013	2:07.33	KAIZO WATANABE	JPN	2014	6:05.42	ALDO CAPUTI	ITA	2005
1:50.30	KAZUNAGA AKUTSU	JPN	2002	2:07.37	NILS FERM	SWE	2008	8:22.48	JESSE COON	USA	2000
1:50.66	YOSHIRO OBATA	JPN	2014	2:09.43	ANTON BIEDERMANN	BRA	2014	9:44.64	ROBERT DOUD	USA	2013
1:51.07	MASAHISA KANEKO	JPN	2002	2:10.36	WOODY BOWERSOCK	USA	2003	200 M. I.M.			
200 M. FREE				200 M. BACK				5:02.64	TOKUSHI KOMEDA	JPN	2004
3:41.77	WILLARD LAMB	USA	2013	4:05.77	GORO KOBAYASHI	JPN	2007	5:08.02	FRANK GRANNIS	USA	2014
3:54.89	TOKUSHI KOMEDA	JPN	2004	4:20.06	WILLARD LAMB	USA	2014	5:12.11	WALTER PFEIFER	USA	2003
4:02.49	JURGEN SCHMIDT	USA	2013	4:32.63	NILS FERM	SWE	2009	5:43.35	ALDO CAPUTI	ITA	2005
4:10.40	WOODY BOWERSOCK	USA	2003	4:33.77	BELA BANKI	HUN	2010	6:10.88	JOHN HARRISON	GBR	2005
4:19.52	MASAHISA KANEKO	JPN	2002	4:34.60	R.REINSTADTLER	GER	2002	6:25.78	JESSE COON	USA	2000
4:24.46	ANTON BIEDERMANN	BRA	2014	4:40.87	KAIZO WATANABE	JPN	2013	7:02.80	JIM PENFIELD	USA	1998
4:25.48	JAMES TAR	BRA	2014	4:41.28	TOSHIJI SATO	JPN	2005	7:08.31	PETER JURCZYK	USA	1996
4:28.34	GUS LANGNER	USA	1993	4:42.14	JOHN HARRISON	GBR	2004	7:23.22	ANDREW KALLUNKI	USA	1995
4:28.88	NILS FERM	SWE	2008	4:46.15	JOHN MERRILL	USA	2008	7:25.47	HARUO ENDO	JPN	2002
4:29.52	FRANK GRANNIS	USA	2014	4:54.50	ALFRED SCHULHOF	CAN	2010	400 M. I.M.			
400 M. FREE				50 M. BRST				11:19.91	WALTER PFEIFER	USA	2003
8:01.57	WILLARD LAMB	USA	2014	57.20	HIROMU YOSHIMOTO	JPN	2005	13:52.72	JESSE COON	USA	2000
8:13.45	TOKUSHI KOMEDA	JPN	2004	1:00.75	SEIJI TAKAHASHI	JPN	2005	17:53.58	ROBERT DOUD	USA	2013
8:48.73	JURGEN SCHMIDT	USA	2013	1:00.98	H.REITEMEYER	GER	2011	*****			
9:35.43	ARTHUR THOMAS	AUS	2007	1:01.55	M.GIAMPIETRO	ITA	2013	M E N 95-99			
9:38.67	JAMES TAR	BRA	2014	1:01.64	BRUD CLEAVELAND	USA	2007	*****			
9:39.37	WOODY BOWERSOCK	USA	2003	1:01.79	GEORGE CORONES	AUS	2009	50 M. FREE			
9:40.04	ALFREDO CHERCHI	AUS	1997	1:02.08	BRUNO HAMPEL	GER	2014	47.30	GEORGE CORONES	AUS	2013
9:40.14	CARLOS VINCENTIN	ARG	2009	1:02.56	ALFRED SCHULHOF	CAN	2010	55.88	GUS LANGNER	USA	1998
				1:04.60	BELA BANKI	HUN	2010				



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56.99	KAZUNAGA AKUTSU	JPN	2007	200 M. BACK	
1:03.14	JARING TIMMERMAN	CAN	2005	5:30.07	TOSHIJI SATO JPN 2010
1:06.06	COLLISTER WHEELER	USA	1988	6:00.99	JEAN LEEMPUT FRA 2011
1:06.93	ALFREDO CHERCHI	AUS	2003	6:10.65	JOHN HARRISON GBR 2010
1:07.47	ALFRED SCHULHOF	CAN	2014	6:38.69	GARY WEISENTHAL USA 2008
1:14.72	JOHN HARRISON	GBR	2009	8:19.55	ALFREDO CHERCHI AUS 2002
1:16.19	HUGH MCGREGOR	CAN	2014	8:23.02	JACK MATHESON AUS 2012
1:16.36	F.GIANNETTA	ITA	2012	50 M. BRST	
100 M. FREE				1:10.01	GEORGE CORONES AUS 2013
1:57.54	GEORGE CORONES	AUS	2013	1:10.83	HIROMU YOSHIMOTO JPN 2010
2:17.59	KAZUNAGA AKUTSU	JPN	2007	1:16.52	ALFRED SCHULHOF CAN 2014
2:29.32	GUS LANGNER	USA	1998	1:26.15	KAZUNAGA AKUTSU JPN 2007
2:31.44	JARING TIMMERMAN	CAN	2005	1:26.61	GUS LANGNER USA 1998
2:41.42	ALFRED SCHULHOF	CAN	2014	1:31.06	BUD JACKSON USA 2014
2:41.83	HUGH MCGREGOR	CAN	2014	1:35.45	ROMAN JEZEK CAN 2009
2:44.63	JOHN HARRISON	GBR	2009	1:35.94	ALDO CAPUTI ITA 2010
2:56.86	BUD JACKSON	USA	2014	1:36.87	TOM LANE USA 1989
3:02.33	F.GIANNETTA	ITA	2012	1:36.92	JACK MATHESON AUS 2012
3:07.10	JEAN LEEMPUT	FRA	2011	100 M. BRST	
200 M. FREE				2:40.08	HIROMU YOSHIMOTO JPN 2010
5:13.23	GUS LANGNER	USA	1998	2:57.35	GEORGE CORONES AUS 2013
5:56.17	JARING TIMMERMAN	CAN	2005	3:16.56	BUD JACKSON USA 2014
6:21.53	HUGH MCGREGOR	CAN	2014	3:36.50	ROMAN JEZEK CAN 2009
6:28.25	BUD JACKSON	USA	2014	3:38.45	GUS LANGNER USA 1998
6:30.80	GARY WEISENTHAL	USA	2008	3:54.74	JACK MATHESON AUS 2012
7:27.16	F.GIANNETTA	ITA	2012	4:58.20	F.GIANNETTA ITA 2012
7:54.76	ROMAN JEZEK	CAN	2009	200 M. BRST	
10:17.12	JOHN BRICE	AUS	2014	5:47.31	HIROMU YOSHIMOTO JPN 2010
10:27.88	J.STORZ	FRA	2010	7:11.65	BUD JACKSON USA 2014
10:31.15	JACK MATHIESON	AUS	2012	7:37.17	GUS LANGNER USA 1998
400 M. FREE				7:54.76	ROMAN JEZEK CAN 2009
11:30.53	GUS LANGNER	USA	1998	8:11.63	JACK MATHESON AUS 2012
13:19.19	HUGH MCGREGOR	CAN	2014	12:08.37	F.GIANNETTA ITA 2012
13:43.10	GARY WEISENTHAL	USA	2008	50 M. FLY	
19:16.97	JACK MATHIESON	AUS	2012	1:37.18	ALDO CAPUTI ITA 2010
20:38.12	JEAN STORZ	FRA	2009	2:01.41	WALTER PFEIFFER USA 2008
21:45.34	JOHN BRICE	AUS	2014	2:40.49	EUGENE LEHMAN CAN 2008
800 M. FREE				100 M. FLY	
22:28.28	GUS LANGNER	USA	1998	4:09.52	WALTER PFEIFFER USA 2008
28:18.13	GARY WEISENTHAL	USA	2008	200 M. FLY	
28:40.69	HUGH MCGREGOR	CAN	2014	14:05.25	WALTER PFEIFFER USA 2008
42:55.70	JACK MATHIESON	AUS	2012	200 M. I.M.	
1500 M. FREE				8:55.97	WALTER PFEIFFER USA 2008
47:30.40	GUS LANGNER	USA	1999	400 M. I.M.	
82:25.34	JACK MATHIESON	AUS	2012	17:29.20	WALTER PFEIFFER USA 2008
50 M. BACK				*****	
1:01.61	TOSHIJI SATO	JPN	2010	M E N 100-104	
1:03.32	KAZUNAGA AKUTSU	JPN	2007	*****	
1:07.47	ALFRED SCHULHOF	CAN	2014	50 M. FREE	
1:10.06	NORI YAMAMOTO	JPN	2005	1:40.46	TOM LANE USA 1994
1:10.49	JEAN LEEMPUT	FRA	2009	2:15.51	HANS HAHN GER 2008
1:12.29	JOHN HARRISON	GBR	2009	3:22.65	EDWIN THOMAS USA 1994
1:16.30	TOM LANE	USA	1989	100 M. FREE	
1:20.41	SHOGORO AZUMA	JPN	2007	3:23.10	JOHN HARRISON GBR 2014
1:23.77	ALFREDO CHERCHI	AUS	2002	4:05.98	TOM LANE USA 1994
1:28.47	GARY WEISENTHAL	USA	2008	50 M. BACK	
100 M. BACK				1:29.13	JEAN LEEMPUT FRA 2014
2:22.83	TOSHIJI SATO	JPN	2010	1:32.20	JOHN HARRISON GBR 2014
2:31.61	KAZUNAGA AKUTSU	JPN	2007	1:50.73	TOM LANE USA 1994
2:41.42	ALFRED SCHULHOF	CAN	2014	2:25.23	HANS HAHN GER 2008
2:42.01	JOHN HARRISON	GBR	2009	100 M. BACK	
2:54.90	NORI YAMAMOTO	JPN	2005	4:13.84	TOM LANE USA 1994
3:04.37	GARY WEISENTHAL	USA	2008	6:01.50	HANS HAHN GER 2008
3:15.35	ALDO CAPUTI	ITA	2010	200 M. BACK	
3:19.14	TOM LANE	USA	1992	9:04.31	TOM LANE USA 1994
3:19.24	JARING TIMMERMAN	CAN	2005		
3:32.44	ALFREDO CHERCHI	AUS	2003		