



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS - ALL TIME (1986-2011)

WOMEN 25-29

50 M. FREE
25.42 SUMIKA KOMATSU JPN 2006
25.66 GEORGINA HEYN GBR 2011
26.03 ANDREA GEOROFF USA 2011
26.04 HANNAH KEEN GBR 2011
26.07 SANDRA KAZIKOVA CZE 2003
26.13 NADINE ROLLAND CAN 2004
26.16 ALISON TERRY USA 1999
26.18 SOPHIA SKOU DEN 2002
26.19 LISA ANDERSSON SWE 2007
26.22 HANNA ERIKSSON SWE 2011
100 M. FREE
55.28 HANNA SHCHERBA FRA 2010
56.27 GEORGINA HEYN GBR 2011
56.30 SHEILA TAORMINA USA 1996
56.91 A.CISNEROS USA 2008
56.96 HITOMI MATSUDA JPN 2005
56.98 AIMEE RAMM GBR 2007
57.09 CELINE BAILLOD SUI 2007
57.10 ALISON TERRY USA 1999
57.47 BERIT PUGGAARD DEN 1998
57.65 TARA HUTT GBR 2004
200 M. FREE
1:59.78 SHEILA TAORMINA USA 1996
2:01.89 CAROLINE SAXBY GBR 2011
2:02.50 TATIANA BARBOSA BRA 2007
2:04.59 HITOMI MATSUDA JPN 2005
2:05.67 CELINE BAILLOD SUI 2007
2:05.72 SAMUELA MAGNELLI ITA 2009
2:05.80 REBECCA WILLIAMS NZL 1990
2:06.08 BARBARA KEHBEIN GER 1998
2:06.20 HEIDI HANNENIAN USA 1997
2:06.28 KATIE HENDERSON GBR 2009
2:06.28 TARA HUTT GBR 2005
400 M. FREE
4:17.77 FLAVIA RIGAMONTI USA 2007
4:18.20 CAROLINE SAXBY GBR 2011
4:24.18 SHEILA TAORMINA USA 1996
4:25.94 LYNN MARSHALL CAN 1990
4:26.18 DIANE GRANER USA 1989
4:26.56 CHANTAL DUCK BEL 1993
4:27.07 KELLY HIGGINS AUS 2010
4:27.54 REBECCA WILLIAMS NZL 1990
4:27.78 SUSANNE KELLER SUI 2009
4:27.78 LOUISE STEVENSON AUS 2009
800 M. FREE
8:51.18 SHEILA TAORMINA USA 1996
8:57.39 HITOMI MATSUDA JPN 2006
8:57.67 SUSANNE KELLER SUI 2009
9:00.84 PAULA WOOD GBR 2007
9:07.19 S. PALMER-WHITE AUS 1991
9:08.09 MARIE ATKINSON GBR 2001
9:11.88 LAURA MCCLEMONT CAN 2011
9:12.01 MELODY REMNANT AUS 2011
9:12.32 LYNN MARSHALL CAN 1991
9:13.49 AYANO YAMAGUCHI JPN 2011
1500 M. FREE
16:36.07 SHEILA TAORMINA USA 1996
16:47.66 SUSANNE KELLER SUI 2009
17:00.63 HITOMI MATSUDA JPN 2006
17:20.28 MELODY REMNANT AUS 2011
17:24.96 PAULA WOOD GBR 2007
17:29.81 CHANTAL DUCK BEL 1993
17:30.18 KAREN BURTON USA 1991

17:32.82 LAURA MCCLEMONT CAN 2011
17:36.04 DIANE M. GRANER USA 1990
17:36.61 LYNN MARSHALL CAN 1990
50 M. BACK
29.20 AKIKO MIZUMOTO JPN 2006
29.25 AYA SHIMODA JPN 2010
29.53 ANE SASETA ESP 2011
29.60 EMILIE JORON FRA 2006
29.90 MICHELA VIGNOTTO ITA 1999
29.92 C. MARGRISON AUS 2011
30.04 KANA OHASHI JPN 2003
30.05 CAMILLA JOHANSSON USA 2002
30.07 M KRIEL RSA 1999
30.11 LIA OBERSTAR USA 2001
100 M. BACK
1:02.32 AKIKO MIZUMOTO JPN 2007
1:02.48 KANA OHASHI JPN 2007
1:02.99 ANE SASETA ESP 2011
1:03.26 CAMILLA JOHANSSON USA 2002
1:03.33 LIA OBERSTAR USA 2001
1:03.43 EMILIE JORON FRA 2006
1:03.73 FANNY LECLERCQ FRA 2011
1:03.77 MARION ZOLLER GER 1995
1:03.87 GISELE PEREIRA BRA 2001
1:04.05 M KRIEL RSA 1999
200 M. BACK
2:12.84 KANA OHASHI JPN 2005
2:14.77 LIA OBERSTAR USA 2001
2:16.45 MARION ZOLLER GER 1995
2:17.86 JOLANDA DE ROVER NED 1992
2:18.22 KELLY HARRIGAN USA 2010
2:18.65 CAMILLA JOHANSSON USA 2002
2:19.05 PAMELA HANSON USA 2004
2:20.10 CARLA BORGES BRA 2008
2:20.12 BIRGIT DEURING GER 1996
2:20.60 EMILIE JORON FRA 2008
50 M. BRST
31.59 NICOLE HEIDEMANN GER 2011
31.87 MEGAN JENDRICK USA 2010
32.20 TRACEY MIRANDE USA 1995
32.25 GEORGINA HEYN GBR 2011
32.25 CELINE BAILLOD SUI 2007
32.76 HITOMI MATSUDA JPN 2006
32.80 RILEY WEST CAN 2004
32.85 LINDA LUND DEN 2009
33.08 HANNA ERIKSSON SWE 2011
33.18 KATIE HENDERSON GBR 2009
100 M. BRST
1:09.38 GEORGINA HEYN GBR 2011
1:09.80 LINDA LUND DEN 2009
1:10.17 KATIE HENDERSON GBR 2009
1:10.39 MEGAN JENDRICK USA 2011
1:10.55 HITOMI MATSUDA JPN 2005
1:10.65 NICOLE HEIDEMANN GER 2011
1:10.68 JULIA VENDEVILLE FRA 2009
1:10.71 MANUELA NACKEL GER 1998
1:11.00 CELINE BAILLOD SUI 2007
1:11.80 RILEY WEST CAN 2004
200 M. BRST
2:30.29 KATIE HENDERSON GBR 2009
2:30.75 MEGAN JENDRICK USA 2011
2:31.18 HITOMI MATSUDA JPN 2006
2:31.44 GEORGINA HEYN GBR 2011
2:32.73 RILEY WEST CAN 2004
2:33.67 NICOLE HEIDEMANN GER 2011
2:35.66 ANDREA PACKARD USA 2001
2:36.82 KATJA BRASCHOS GER 2007

2:36.93 LINDA LUND DEN 2009
2:37.16 NATHALIE ELORRIET FRA 2000
50 M. FLY
27.29 YUKO NAKANISHI JPN 2010
27.84 C. MARGRISON AUS 2011
27.88 NADINE ROLLAND CAN 2004
27.89 A.CISNEROS USA 2008
27.98 MABI TSUKIOKA JPN 2008
28.11 AIMEE RAMM GBR 2007
28.16 SOPHIA SKOU DEN 2004
28.17 SARAH HEALEY GBR 2008
28.24 LINDA LUND DEN 2009
28.30 LINDSEY URBATCHKA USA 2011
100 M. FLY
1:00.18 YUKO NAKANISHI JPN 2010
1:01.33 SHEILA TAORMINA USA 1996
1:01.37 A.CISNEROS USA 2008
1:01.46 HITOMI MATSUDA JPN 2005
1:01.70 LINDA LUND DEN 2009
1:01.97 SOPHIA SKOU DEN 2004
1:02.16 ANDREA GEOROFF USA 2011
1:02.18 SARAH HEALEY GBR 2008
1:03.18 MABI TSUKIOKA JPN 2008
1:03.36 AIMEE RAMM GBR 2007
200 M. FLY
2:09.64 YUKO NAKANISHI JPN 2010
2:17.13 S. PALMER-WHITE AUS 1991
2:17.19 HITOMI MATSUDA JPN 2006
2:19.30 SANDRA TEMMERMAN NED 2005
2:20.82 BARBARA KEHBEIN GER 1997
2:21.46 LIA OBERSTAR USA 2004
2:22.33 ELVIRA JONKERS NED 2005
2:23.30 JACKIE THOMPSON GBR 1994
2:23.46 SAMUELA MAGNELLI ITA 2009
2:23.53 EDITH BELANGER CAN 2008
100 M. I.M.
1:03.41 MEGAN JENDRICK USA 2011
1:03.67 HITOMI MATSUDA JPN 2005
1:04.25 HANNA ERIKSSON SWE 2011
1:04.36 LINDA LUND TIETZE DEN 2010
1:04.63 GEORGINA HEYN GBR 2011
1:04.77 NADINE ROLLAND CAN 2004
1:04.97 CELINE BAILLOD SUI 2008
1:05.13 YUKO NAKANISHI JPN 2010
1:05.42 NICOLE HEIDEMANN GER 2009
1:05.67 WENKE HANSEN USA 1998
200 M. I.M.
2:17.17 HITOMI MATSUDA JPN 2006
2:17.35 ERIKO KATO JPN 2009
2:19.48 CELINE BAILLOD SUI 2007
2:21.70 MARION BLANCHARD FRA 2011
2:21.79 WENKE HANSEN USA 1998
2:22.00 KANA OHASHI JPN 2007
2:22.53 NATALIE EFFEMEY GBR 2010
2:22.81 CINDY BERTELINK CAN 2003
2:23.00 ALISON TERRY USA 1999
2:23.17 MARION ZOLLER GER 1995
400 M. I.M.
4:52.13 HITOMI MATSUDA JPN 2006
4:52.81 ERIKO KATO JPN 2009
4:55.85 KANA OHASHI JPN 2006
4:56.01 CELINE BAILLOD SUI 2008
4:56.98 ALESSANDRA CORTES BRA 1999
4:58.92 LOUISE STEVENSON AUS 2009
5:01.26 HELEN SLATTER GBR 1997
5:01.69 KATIE HENDERSON GBR 2009
5:02.47 CINDY BERTELINK CAN 2004



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5:02.54 WENKE HANSEN	USA	1998	17:33.66 KELLY HIGGINS	AUS	2011	2:39.65 SYLVIA GERASCH	GER	2000
			17:44.19 ALISON ZAMANIAN	USA	2004	2:39.67 SATSUKI HIRUKAWA	JPN	2011
*****			17:46.97 JACQUI ROBINSON	AUS	2005	2:40.08 SUKI BROWNSDON	GBR	1997
WOMEN 30-34			17:48.12 CYNTHIA LEWIS	USA	2009	50 M. FLY		
*****			50 M. BACK			26.79 MARTINA MORAVCOVA	USA	2006
50 M. FREE			27.43 MAI NAKAMURA	JPN	2009	27.81 METTE JACOBSEN	DEN	2006
25.57 SUMIKA KOMATSU	JPN	2009	27.61 NORIKO INADA	USA	2009	27.89 NORIKO INADA	USA	2011
25.64 METTE JACOBSEN	DEN	2006	28.99 METTE JACOBSEN	DEN	2006	27.97 NADINE ROLLAND	CAN	2008
25.66 TATIANA BARBOSA	BRA	2008	29.44 NADINE ROLLAND	CAN	2005	28.05 KATRINA RADKE	USA	2004
25.77 HANNAH CALDAS	USA	2011	29.58 KANA OHASHI	JPN	2009	28.16 HITOMI MATSUDA	JPN	2010
25.83 HITOMI MATSUDA	JPN	2010	29.86 KANA YAMAGUCHI	JPN	2011	28.34 WENKE HANSEN	USA	2000
25.98 KATRINA RADKE	USA	2004	30.08 NAHOMI SHIRATA	JPN	2006	28.48 ALFONSINA IRACE	ITA	2010
26.09 NADINE ROLLAND	CAN	2006	30.11 GISELI PEREIRA	BRA	2003	28.56 YAYOI SAKAMOTO	JPN	2009
26.13 NORIKO INADA	USA	2011	30.14 D.GRANER-GALLAS	USA	1996	28.63 HELENA ABERG	SWE	2005
26.20 SANDRA KAZIKOVA	CZE	2006	30.18 MERITXELL GONFAUS	ESP	2009	100 M. FLY		
26.46 ANNA PETTIS-SCOTT	USA	1993	100 M. BACK			59.11 MARTINA MORAVCOVA	USA	2006
100 M. FREE			59.53 NORIKO INADA	USA	2009	1:00.11 METTE JACOBSEN	DEN	2006
55.11 ALENA POPCHANKA	FRA	2009	1:00.90 KANA YAMAGUCHI	JPN	2010	1:00.35 HITOMI MATSUDA	JPN	2008
55.59 TATIANA BARBOSA	BRA	2008	1:01.39 KANA OHASHI	JPN	2009	1:01.19 CLAUDIA BECK	GER	2011
56.32 HANNAH CALDAS	USA	2011	1:02.88 METTE JACOBSEN	DEN	2006	1:02.39 NADINE ROLLAND	CAN	2005
56.41 METTE JACOBSEN	DEN	2006	1:03.36 K.PIPES-NEILSEN	USA	1996	1:02.65 YERIT PUGGAARD	DEN	2004
56.48 PASCALE VERBAUWEN	BEL	1993	1:04.03 J HUDGELL	NZL	1986	1:02.70 WENKE HANSEN	USA	2000
56.49 HITOMI MATSUDA	JPN	2010	1:04.16 D.GRANER-GALLAS	USA	1996	1:03.04 ANJA BEHA	GER	2005
57.33 JANET MAYVILLE	CAN	2006	1:04.30 CAMILLA JOHANSSON	SWE	2004	1:03.21 KATRINA RADKE	USA	2003
57.35 S.NEILSON-BELL	USA	1988	1:04.99 NADINE ROLLAND	CAN	2008	1:03.34 LAURA BIANZANI	ITA	2006
57.46 KATRINA RADKE	USA	2003	1:05.02 GISELI PEREIRA	BRA	2003	200 M. FLY		
57.83 TAMARA VAN GORKOM	NED	2005	200 M. BACK			2:13.09 HITOMI MATSUDA	JPN	2008
200 M. FREE			2:12.40 KANA OHASHI	JPN	2009	2:19.34 LAURA BIANZANI	ITA	2004
2:02.60 HITOMI MATSUDA	JPN	2010	2:12.47 L.OBERSTAR-BROWN	USA	2008	2:19.34 KATRINA RADKE	USA	2003
2:04.64 K PIPES-NEILSEN	USA	1996	2:13.51 K.PIPES-NEILSEN	USA	1996	2:19.64 K PIPES-NEILSEN	USA	1996
2:04.98 LYNN MARSHALL	CAN	1991	2:14.05 KANA YAMAGUCHI	JPN	2011	2:20.41 L. CARVALHO	AUS	2011
2:05.94 BARBARA KEHBEIN	GER	2000	2:18.19 JOANNA CORBEN	GBR	2002	2:21.21 FLORENCE CIOTTI	ITA	2006
2:06.39 KELLY HIGGINS	AUS	2011	2:19.60 D.GRANER-GALLAS	USA	1996	2:23.00 ANTJE AUHL	GER	2009
2:06.39 LAUREN THIES	USA	2010	2:19.66 JO SWATTON	GBR	2000	2:24.17 KATE VEALE	GBR	2000
2:06.55 KATJA TROSIEN	GER	2008	2:21.41 VALERIE HADD	CAN	2009	2:24.52 MELISSA VARLAS	USA	2005
2:06.64 KARIN SEICK	GER	1994	2:21.80 YOSHIMI HAMADA	JPN	2010	2:24.75 SANDIE EASTON	USA	2001
2:06.83 SANDY NEILSON	USA	1987	2:24.11 K.WULFF-HOPPE	GER	2002	100 M. I.M.		
2:06.94 ANA GRILLO	POR	2003	50 M. BRST			1:02.07 MARTINA MORAVCOVA	USA	2006
400 M. FREE			31.12 BRITTA STEVENS	GER	2003	1:02.55 HITOMI MATSUDA	JPN	2010
4:17.82 DAWN HECKMAN	USA	2011	31.71 HITOMI MATSUDA	JPN	2010	1:04.44 NADINE ROLLAND	CAN	2005
4:18.86 HITOMI MATSUDA	JPN	2010	32.17 HANNAH CALDAS	USA	2011	1:04.82 NORIKO INADA	USA	2011
4:22.70 K PIPES-NEILSEN	USA	1996	32.72 YUKO SAKAGUCHI	JPN	2010	1:04.96 WENKE HANSEN	USA	1999
4:22.75 YWETTA HLAVACOVA	CZE	2006	32.82 WENKE HANSEN	USA	2000	1:05.04 HANNAH CALDAS	USA	2011
4:22.77 ERIKA HANSEN	USA	2003	32.95 MARIONA COSTA	ESP	2010	1:05.10 SYLVIA GERASCH	GER	2000
4:25.56 KIRSTEN CAMERON	NZL	2007	33.13 SUKI BROWNSDON	GBR	1995	1:05.16 K.PIPES-NEILSEN	USA	1995
4:26.43 KELLY HIGGINS	AUS	2011	33.60 A.BYSTRZYCKA	POL	2011	1:05.52 KANA YAMAGUCHI	JPN	2011
4:26.91 LYNN MARSHALL	CAN	1991	33.65 NADINE ROLLAND	CAN	2008	1:05.58 HIDEKO HIRANAKA	JPN	2004
4:27.23 ANA GRILLO	POR	2002	33.74 DAGMAR HILBIG	GER	1992	200 M. I.M.		
4:28.10 CINDY BERTELINK	CAN	2009	100 M. BRST			2:13.41 HITOMI MATSUDA	JPN	2009
800 M. FREE			1:06.98 HITOMI MATSUDA	JPN	2010	2:18.79 K.PIPES-NEILSEN	USA	1996
8:38.58 DAWN HECKMAN	USA	2011	1:10.00 WENKE HANSEN	USA	2000	2:18.89 WENKE HANSEN	USA	2000
8:54.86 HITOMI MATSUDA	JPN	2010	1:11.49 MARIONA COSTA	ESP	2010	2:19.07 KANA YAMAGUCHI	JPN	2010
9:01.21 KIRSTEN CAMERON	NZL	2007	1:11.74 YUKO SAKAGUCHI	JPN	2010	2:22.66 CYNTHIA LEWIS	USA	2009
9:06.49 ERIKA HANSEN	USA	2003	1:11.81 SUKI BROWNSDON	GBR	1995	2:22.68 LAUREN THIES	USA	2010
9:08.32 LYNN MARSHALL	CAN	1993	1:12.05 CYNTHIA LEWIS	USA	2009	2:22.72 KATRINA RADKE	USA	2003
9:08.34 K.PIPES-NEILSEN	USA	1996	1:12.61 HANNAH CALDAS	USA	2011	2:22.73 KANA OHASHI	JPN	2009
9:14.03 ASA NEIJ	SWE	2004	1:12.80 SYLVIA GERASCH	GER	2000	2:23.04 A.JANITZKI	GER	2010
9:16.65 KELLY HIGGINS	AUS	2011	1:12.86 SATSUKI HIRUKAWA	JPN	2010	2:23.49 CINDY BERTELINK	CAN	2005
9:17.55 BETH KNIGHT	USA	1990	1:12.93 CYNTHIA LEWIN	USA	2008	400 M. I.M.		
9:22.24 PENNY BOND	AUS	1996	200 M. BRST			4:45.07 HITOMI MATSUDA	JPN	2010
1500 M. FREE			2:26.96 HITOMI MATSUDA	JPN	2009	4:51.33 HIDEKO HIRANAKA	JPN	2004
16:26.93 DAWN HECKMAN	USA	2011	2:30.65 WENKE HANSEN	USA	2000	4:53.85 K PIPES-NEILSEN	USA	1996
17:01.56 KIRSTEN CAMERON	NZL	2007	2:35.72 KATIE HENDERSON	GBR	2011	4:55.62 KANA YAMAGUCHI	JPN	2010
17:13.38 HITOMI MATSUDA	JPN	2007	2:37.34 A.JANITZKI	GER	2010	4:58.16 KANA OHASHI	JPN	2009
17:21.99 LYNN MARSHALL	CAN	1992	2:37.60 MARIONA COSTA	ESP	2010	5:04.56 BARBARA KEHBEIN	GER	2000
17:23.60 KAREN BURTON	USA	1994	2:37.84 CYNTHIA LEWIS	USA	2008	5:05.92 ANNE VELEZ	FRA	2011
17:25.33 BROOKE BENNETT	USA	2011	2:39.59 A.BYSTRZYCKA	POL	2011	5:06.05 SUKI BROWNSDON	GBR	1997



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5:07.17 CYNTHIA LEWIS	USA	2009	17:42.37 ASA NEIJ	SWE	2010	2:41.51 KATIE GLENN	USA	2011
5:07.39 NADINE DAY	USA	2002	17:43.10 BETH KNIGHT	USA	1994	2:42.22 YUKA KAWAI	JPN	2011
*****			17:46.79 VALERIA VERGANI	ITA	2008	2:42.58 HELEN GORMAN	GBR	2008
*****			17:47.08 SARA NELSON	USA	2008	2:42.74 MARIT BOHM	GER	2011
*****			17:47.18 LYNN MARSHALL	CAN	2000	50 M. FLY		
*****			*****			28.37 GISELI PEREIRA	BRA	2009
*****			*****			28.58 SHERI HART	USA	2009
*****			*****			28.60 YOKO YAMAGUCHI	JPN	2009
*****			*****			28.61 SANDRA KAZIKOVA	CZE	2011
*****			*****			28.65 ZOE CRAY	GBR	2009
*****			*****			28.68 TRACIE MOLL	USA	2001
*****			*****			28.79 SOPHIA SKOU	DEN	2011
*****			*****			28.81 ERIKA BRAUN	USA	2011
*****			*****			28.86 HELENA ABERG	SWE	2007
*****			*****			28.89 EKATERINA YUDINA	RUS	2011
*****			*****			100 M. FLY		
*****			*****			1:03.07 DEBBIE YOUNGER	CAN	2005
*****			*****			1:03.29 K PIPES-NEILSEN	USA	1997
*****			*****			1:03.96 SOPHIA SKOU	DEN	2011
*****			*****			1:04.01 KYOKO YAMADA	JPN	2009
*****			*****			1:04.09 MELANIA BUSSIÈRE	CAN	2008
*****			*****			1:04.28 R.CRESCENTINI	ITA	2011
*****			*****			1:04.33 TRACIE MOLL	USA	2001
*****			*****			1:04.37 YOKO YAMAGUCHI	JPN	2009
*****			*****			1:04.64 LYNNE HAYES	AUS	2007
*****			*****			1:05.31 BETH BAKER	USA	2000
*****			*****			200 M. FLY		
*****			*****			2:18.41 K PIPES-NEILSEN	USA	1997
*****			*****			2:21.18 KYOKO YAMADA	JPN	2010
*****			*****			2:21.76 DEBBIE YOUNGER	CAN	2005
*****			*****			2:24.80 KATE VEALE	GBR	2002
*****			*****			2:25.06 JILL HERNANDEZ	USA	1997
*****			*****			2:25.52 NADINE DAY	USA	2006
*****			*****			2:25.81 ALISON ZAMANIAN	USA	2009
*****			*****			2:25.91 LAUREEN WELTING	USA	2000
*****			*****			2:25.96 KRISTINA ULVELING	USA	2008
*****			*****			2:25.96 NICOLA LATTY	GBR	2007
*****			*****			100 M. I.M.		
*****			*****			1:04.61 SHERI HART	USA	2009
*****			*****			1:05.40 K PIPES-NEILSEN	USA	2000
*****			*****			1:05.53 ZOE CRAY	GBR	2009
*****			*****			1:06.10 R.CRESCENTINI	ITA	2011
*****			*****			1:06.50 SILVIA PAROCCHI	ITA	2005
*****			*****			1:07.03 CYNTHIA LEWIS	USA	2010
*****			*****			1:07.31 NADINE DAY	USA	2005
*****			*****			1:07.44 ERIKA BRAUN	USA	2011
*****			*****			1:07.44 KAORU OHISA	JPN	2010
*****			*****			1:07.49 GISELI PEREIRA	BRA	2011
*****			*****			200 M. I.M.		
*****			*****			2:19.08 K PIPES-NEILSEN	USA	2000
*****			*****			2:23.34 CYNTHIA LEWIS	USA	2011
*****			*****			2:23.47 DEBBIE YOUNGER	CAN	2005
*****			*****			2:24.94 NADINE DAY	USA	2005
*****			*****			2:25.26 KARIN SEICK	GER	1996
*****			*****			2:25.39 JILL HERNANDEZ	USA	1997
*****			*****			2:25.42 C.J-SPONCELLER	SWE	2010
*****			*****			2:25.94 CINDY BERTELINK	CAN	2011
*****			*****			2:26.10 KATE VEALE	GBR	2001
*****			*****			2:26.89 SILVIA PAROCCHI	ITA	2005
*****			*****			400 M. I.M.		
*****			*****			4:52.83 K PIPES-NEILSEN	USA	1997
*****			*****			5:02.22 LAUREEN WELTING	USA	2000
*****			*****			5:08.03 CYNTHIA LEWIS	USA	2011
*****			*****			5:09.87 NADINE DAY	USA	2006
*****			*****			5:10.43 JILL HERNANDEZ	USA	1999
*****			*****			5:10.65 ANA PAULA GRILO	POR	2005
*****			*****			5:11.54 CINDY BERTELINK	CAN	2010



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5:12.40 VALERIA VERGANI	ITA	2007	17:55.11 AMANDA PICARD	SUI	2009	2:43.88 MARZENA KULIS	ITA	2008
5:12.42 KATE VEALE	GBR	2002	18:02.62 SUZANN HEIM-BOWEN	USA	1998	2:44.36 KELLY LEGASPI	USA	2011
5:12.55 SARA NELSON	USA	2008	18:03.41 LAURIE HUG	USA	2008	2:44.80 KEIKO OKAMOTO	JPN	2009
*****			18:12.13 JILL GELLATLY	USA	2009	2:46.13 ANGELA DELISSEN	GER	2007
*****			18:24.38 AMY DANTZLER	USA	2006	2:47.00 S.SEMINATORE	ITA	2004
*****			18:29.76 ROBYNN MASTERS	USA	1999	50 M. FLY		
*****			50 M. BACK			28.13 GABRIELE BLANK	GER	2006
*****			30.00 CINDY MABEE	CAN	2009	28.21 SUSAN VD LIPPE	USA	2005
*****			30.15 SHERI HART	USA	2011	28.86 SILVIA PAROCCHI	ITA	2007
*****			30.72 JODY SMITH	USA	2009	29.06 ASTRID BENCSIK	SWE	2000
*****			30.74 KRISTIN GARY	USA	2008	29.07 EDITH OTTERMANN	RSA	2009
*****			30.97 K.PIPES-NEILSEN	USA	2005	29.29 YOKO YAMAGUCHI	JPN	2010
*****			30.99 JUNKO NAKANO	JPN	2009	29.45 MARIE SADLER	GBR	2000
*****			31.06 FALL WILLEBOORDSE	USA	2009	29.51 K PIPES-NEILSEN	USA	2003
*****			31.26 SYLVIE ALLERY	FRA	2011	29.57 DANIELA DE PONTI	ITA	2006
*****			31.40 MARIKA MCCUE	USA	2003	29.58 WENKE SEIDER	USA	2011
*****			31.44 JULIE ROBERTS	USA	2008	100 M. FLY		
*****			100 M. BACK			1:01.70 S.VON DER LIPPE	USA	2009
*****			1:03.48 SHERI HART	USA	2011	1:03.31 K PIPES-NEILSEN	USA	2003
*****			1:04.63 CINDY MABEE	CAN	2009	1:04.91 YOKO YAMAGUCHI	JPN	2010
*****			1:05.43 K PIPES-NEILSEN	USA	2002	1:04.93 SILVIA PAROCCHI	ITA	2006
*****			1:05.51 KRISTIN GARY	USA	2011	1:05.19 BIRGIT LOHBERG	USA	2009
*****			1:05.91 JODY SMITH	USA	2009	1:05.45 DANIELA DE PONTI	ITA	2006
*****			1:06.61 SILVIA PAROCCHI	ITA	2008	1:05.49 BETH BAKER	USA	2001
*****			1:06.85 FALL WILLEBOORDSE	USA	2010	1:05.51 WENKE SEIDER	USA	2011
*****			1:07.30 SYLVIE ALLERY	FRA	2009	1:05.84 JILL HERNANDEZ	USA	2000
*****			1:07.75 VIBEKE SWANSON	USA	2002	1:05.93 JULIE GIBSON	GBR	2009
*****			1:07.88 MONICA SORO	ITA	2011	200 M. FLY		
*****			200 M. BACK			2:20.66 SUSAN VD LIPPE	USA	2006
*****			2:19.06 JODY SMITH	USA	2009	2:20.71 K PIPES-NEILSEN	USA	2002
*****			2:19.09 K PIPES-NEILSEN	USA	2003	2:25.30 JUDY BROWN	GBR	2005
*****			2:22.02 CINDY MABEE	CAN	2009	2:26.07 BIRGIT LOHBERG	USA	2006
*****			2:22.68 KRISTIN GARY	USA	2008	2:26.15 BETH BAKER	USA	2001
*****			2:23.22 SILVIA PAROCCHI	ITA	2006	2:26.31 YOKO YAMAGUCHI	JPN	2010
*****			2:24.81 JOANNA CORBEN	GBR	2010	2:27.12 JULIE GIBSON	GBR	2009
*****			2:25.78 BETH BAKER	USA	2001	2:27.65 ANGELA DELISSEN	GER	2008
*****			2:26.31 HELEN WHITFORD	AUS	2011	2:28.15 NICOLA LATTY	GBR	2011
*****			2:27.40 LAURA SMITH	USA	2008	2:28.39 MARZENA KULIS	ITA	2007
*****			2:28.01 VIBEKE SWANSON	USA	2002	100 M. I.M.		
*****			50 M. BRST			1:04.25 S.VON DER LIPPE	USA	2008
*****			32.29 S.VON DER LIPPE	USA	2009	1:05.56 K PIPES-NEILSEN	USA	2003
*****			32.30 LINLEY FRAME	AUS	2011	1:06.91 SHERI HART	USA	2011
*****			33.67 CAROLINE KRATTLI	USA	2003	1:07.20 CAROLINE KRATTLI	USA	2002
*****			33.69 STEFANIA MONTI	ITA	2010	1:07.83 ANNA HAMMAR	SWE	2011
*****			34.11 MAGGIE KELLY	GBR	2000	1:08.14 ANGELA DELISSEN	GER	2009
*****			34.31 MARZENA KULIS	ITA	2007	1:08.18 SILVIA PAROCCHI	ITA	2006
*****			34.34 DAGMAR HILBIG	GER	1998	1:08.29 MONICA SORO	ITA	2011
*****			34.38 H.MORRIS-EYTON	RSA	2009	1:08.48 MAGGIE KELLY	GBR	1998
*****			34.40 ANNA HAMMAR	SWE	2011	1:08.49 FALL WILLEBOORDSE	USA	2009
*****			34.41 DORIS KAUFMANN	AUT	2010	200 M. I.M.		
*****			100 M. BRST			2:19.21 S.VON DER LIPPE	USA	2007
*****			1:10.55 S.VON DER LIPPE	USA	2007	2:20.55 K PIPES-NEILSEN	USA	2003
*****			1:10.58 LINLEY FRAME	AUS	2011	2:22.51 JILL HERNANDEZ	USA	2000
*****			1:12.08 CAROLINE KRATTLI	USA	2003	2:25.86 BIRGIT LOHBERG	USA	2006
*****			1:13.16 MARZENA KULIS	ITA	2007	2:26.51 CAROLINE KRATTLI	USA	2003
*****			1:14.41 WENKE SEIDER	USA	2011	2:26.80 ANGELA DELISSEN	GER	2009
*****			1:14.79 MAGGIE KELLY	GBR	1998	2:26.90 WENKE SEIDER	USA	2011
*****			1:15.27 ANNA HAMMAR	SWE	2011	2:27.37 JODY SMITH	USA	2009
*****			1:15.41 KELLY LEGASPI	USA	2011	2:27.66 SILVIA PAROCCHI	ITA	2007
*****			1:15.66 H.MORRIS-EYTON	RSA	2008	2:28.10 VIBEKE SWANSON	USA	2001
*****			1:15.69 ANGELA DELISSEN	GER	2009	400 M. I.M.		
*****			200 M. BRST			5:00.82 K PIPES-NEILSEN	USA	2002
*****			2:32.37 S.VON DER LIPPE	USA	2008	5:02.17 JILL HERNANDEZ	USA	2000
*****			2:35.79 LINLEY FRAME	AUS	2011	5:03.49 SUSAN VD LIPPE	USA	2006
*****			2:39.10 CAROLINE KRATTLI	USA	2002	5:13.39 BIRGIT LOHBERG	USA	2006
*****			2:41.87 H.MORRIS-EYTON	RSA	2009	5:13.86 VIBEKE SWANSON	USA	2001
*****			2:42.12 WENKE SEIDER	USA	2011	5:15.87 ANA PAULA GRILLO	ESP	2009
17:35.49 ALISON ZAMANIAN	USA	2010						
17:38.37 LYNN MARSHALL	CAN	2002						
17:45.50 K PIPES-NEILSEN	USA	2003						
17:52.93 N.MUIR-COCHRANE	GBR	2004						



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5:16.55 HELEN WHITFORD	AUS	2009	18:34.32 NORMA CAHILL	IRL	2011	2:48.38 JENNY WHITELEY	AUS	2003
5:18.30 ANGELA DELISSEN	GER	2007	18:34.95 SUSANNA ROSEN	SWE	2009	2:48.56 JUDIT HAIDU	AUT	2007
5:18.61 ALISON ZAMANIAN	USA	2011	18:38.83 ANDREA BLOCK	USA	2009	2:49.50 MONICA CORO	ITA	2007
5:18.65 NADINE DAY	USA	2010	18:40.49 SUSANNE SIMPSON	USA	2008	2:50.41 CLAUDIA KERN	GER	2009
*****			18:41.77 M.ELIAS-WILLIAMS	USA	2009	2:51.06 CYNTHIA PINCOTT	CAN	2011
*****			18:50.04 N.MUIR-COCHRANE	GBR	2009	2:51.75 LISA WARD	USA	2009
*****			18:52.67 MARGEE CURRAN	USA	2007	50 M. FLY		
*****			*****			28.72 S.VON DER LIPPE	USA	2010
*****			*****			29.10 HAYLEY BETTINSON	GBR	2009
*****			*****			29.21 LAURIE DITOMMASO	USA	2008
*****			*****			29.37 EDITH OTTERMANN	RSA	2011
*****			*****			29.40 K.PIPES-NEILSEN	FRA	2009
*****			*****			29.69 LESLIE LIVINGSTON	USA	2009
*****			*****			29.71 SHIZUKO HIRAISHI	JPN	2009
*****			*****			29.97 USCHI DUMIG	GER	2005
*****			*****			30.02 FALL WILLEBOORDSE	USA	2011
*****			*****			30.02 KARIN SEICK	GER	2006
*****			*****			100 M. FLY		
*****			*****			1:03.47 S.VON DER LIPPE	USA	2010
*****			*****			1:03.96 K.PIPES-NEILSEN	USA	2009
*****			*****			1:06.69 FALL WILLEBOORDSE	USA	2011
*****			*****			1:06.75 SHIZUKO HIRAISHI	JPN	2008
*****			*****			1:07.07 JUDITH HATTLE	GBR	2005
*****			*****			1:07.57 SILVIA PAROCCHI	ITA	2011
*****			*****			1:07.62 BIRGIT LOHBERG	USA	2010
*****			*****			1:07.78 DANIELA DE PONTI	ITA	2010
*****			*****			1:07.99 SUZANNE SIMPSON	USA	2005
*****			*****			1:08.05 BARBARA GELLRICH	GER	2009
*****			*****			200 M. FLY		
*****			*****			2:23.18 K.PIPES-NEILSEN	USA	2009
*****			*****			2:24.08 S.VON DER LIPPE	USA	2010
*****			*****			2:26.31 S. PALMER-WHITE	AUS	2009
*****			*****			2:28.26 LYNN MARSHALL	CAN	2006
*****			*****			2:29.32 SUZANNE SIMPSON	USA	2005
*****			*****			2:30.44 ARLENE DELMAGE	USA	2008
*****			*****			2:32.09 SHIZUKO HIRAISHI	JPN	2010
*****			*****			2:32.52 LAURA VAL	USA	1999
*****			*****			2:33.73 CYNTHIA PINCOTT	CAN	2007
*****			*****			2:34.15 JUDY HATTLE	GBR	2005
*****			*****			100 M. I.M.		
*****			*****			1:05.61 K.PIPES-NEILSEN	FRA	2009
*****			*****			1:06.58 S.VON DER LIPPE	USA	2010
*****			*****			1:08.59 CAROLINE KRATTLI	USA	2007
*****			*****			1:08.67 ANETTE PHILIPSSON	SWE	2011
*****			*****			1:08.81 SARAH MACDONALD	CAN	2009
*****			*****			1:08.85 MARZENA KULIS	ITA	2009
*****			*****			1:09.11 FALL WILLEBOORDSE	USA	2011
*****			*****			1:09.68 JENNY WHITELEY	AUS	2003
*****			*****			1:09.81 SILVIA PAROCCHI	ITA	2011
*****			*****			1:10.39 SHIZUKO HIRAISHI	JPN	2007
*****			*****			200 M. I.M.		
*****			*****			2:21.55 K.PIPES-NEILSEN	USA	2009
*****			*****			2:29.40 MARZENA KULIS	ITA	2009
*****			*****			2:29.69 CAROLINE KRATTLI	USA	2007
*****			*****			2:30.04 ELLEN REYNOLDS	USA	2011
*****			*****			2:30.11 SILVIA PAROCCHI	ITA	2011
*****			*****			2:30.99 ANETTE PHILIPSSON	SWE	2010
*****			*****			2:31.27 LISA WARD	USA	2009
*****			*****			2:31.99 VIBEKE SWANSON	USA	2006
*****			*****			2:32.62 REBECCA PERROTT	NZL	2009
*****			*****			2:32.98 ANGELA DELISSEN	GER	2011
*****			*****			400 M. I.M.		
*****			*****			5:00.29 K.PIPES-NEILSEN	FRA	2009
*****			*****			5:17.29 ELLEN REYNOLDS	USA	2011
*****			*****			5:19.13 LYNN MARSHALL	CAN	2006
*****			*****			5:19.58 VIBEKE SWANSON	USA	2006
*****			*****			5:27.12 LISA WARD	USA	2009



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5:28.73	REBECCA PERROTT	NZL	2009	18:38.58	JEANNE CARLSEN	CAN	2009	2:56.79	KIM CROUCH	USA	2011
5:28.91	JENNY WHITELEY	AUS	2003	18:52.34	ENEY JONES	USA	2011	2:57.11	JENNY COOK	USA	2008
5:29.52	NAOKO SHIDE	JPN	2009	18:56.50	K.PALACE	USA	2011	2:57.15	JUDITH HATTLE	GBR	2010
5:29.54	ANETTE PHILIPSSON	SWE	2011	18:59.17	LAURA VAL	USA	2002	2:57.30	COKIE LEPINSKI	USA	2009
5:31.00	LESLEY WILDE	GBR	2007	19:04.24	JENNY WHITELEY	AUS	2008	2:57.49	ULRIKE URBANIAK	GER	2003

WOMEN 50-54											

50	M. FREE			50	M. BACK			50	M. FLY		
27.81	SARAH MACDONALD	CAN	2011	30.58	LESLIE LIVINGSTON	USA	2011	30.35	LESLIE LIVINGSTON	USA	2011
28.00	JENNY WHITELEY	AUS	2009	32.13	K.ANDRUS-HUGHES	USA	2008	30.38	ANGELA ZINGLER	GER	2005
28.11	S.HEIM-BOWEN	USA	2009	32.55	J SWAGERTY-HILL	USA	2002	30.56	MARY ESTABROOK	USA	2011
28.24	LIZ HOBBS	CAN	2011	32.65	AROMA MARTORELL	BRA	2009	30.60	TRACI GRANGER	USA	2008
28.43	G.TALOCHINO	FRA	2006	32.72	LAURA VAL	USA	2005	30.62	HARUMI SUGINUMA	JPN	2009
28.50	BARBARA GELLRICH	GER	2011	33.12	ANN KOURI	CAN	2011	30.85	SARAH MACDONALD	CAN	2010
28.53	LESLIE LIVINGSTON	USA	2011	33.21	UTE ROMBERG	GER	2011	30.88	JENNY WHITELEY	AUS	2008
28.54	CAROLYN VOORHEES	USA	2011	33.27	SARAH MACDONALD	CAN	2011	31.08	LISA DAHL	USA	2011
28.54	JACKI HIRSTY	USA	2002	33.29	L.PELT-DILLER	USA	2009	31.10	CAROLYN VOORHEES	USA	2011
28.56	LAURA VAL	USA	2001	33.38	BRIGITTE BASSAC	FRA	2011	31.10	JUDITH HATTLE	GBR	2010
100	M. FREE			100	M. BACK			100	M. FLY		
1:01.49	LAURA VAL	USA	2001	1:09.25	LESLIE LIVINGSTON	USA	2011	1:08.50	JUDITH HATTLE	GBR	2010
1:01.64	JENNY WHITELEY	AUS	2009	1:10.21	LYNN MARSHALL	CAN	2011	1:08.62	ANDREA BLOCK	USA	2011
1:01.81	SARAH MACDONALD	CAN	2011	1:10.35	K.ANDRUS-HUGHES	USA	2007	1:09.05	LAURA VAL	USA	2001
1:01.96	BARBARA GELLRICH	GER	2011	1:10.51	L.PELT-DILLER	USA	2008	1:09.94	JENNY WHITELEY	AUS	2008
1:02.29	S.HEIM-BOWEN	USA	2009	1:11.33	ANN KOURI	CAN	2011	1:09.94	TRACI GRANGER	USA	2008
1:02.75	LYNN MARSHALL	CAN	2011	1:12.04	LISA DIXON-WELLS	CAN	2011	1:10.17	LYNN MARSHALL	CAN	2011
1:03.03	MA CARMEN NAVARRO	ESP	2011	1:12.19	BONNIE BILICH	USA	2009	1:10.77	BARBARA GELLRICH	GER	2011
1:03.21	CHRISTINE PORTER	GBR	2010	1:12.22	UTE ROMBERG	GER	2011	1:11.04	HARUMI SUGINUMA	JPN	2009
1:03.21	G.TALOCHINO	FRA	2006	1:12.35	AHELEE SUE OSBORN	USA	2008	1:11.30	LESLIE LIVINGSTON	USA	2011
1:03.23	LIZ HOBBS	USA	2011	1:12.39	NAOKO SHIDE	JPN	2010	1:11.43	PAULA JAMES	USA	2009
200	M. FREE			200	M. BACK			200	M. FLY		
2:10.72	S.HEIM-BOWEN	USA	2009	2:25.94	LYNN MARSHALL	CAN	2011	2:28.08	LYNN MARSHALL	CAN	2011
2:13.21	LYNN MARSHALL	CAN	2011	2:32.48	NAOKO SHIDE	JPN	2010	2:33.93	ANDREA BLOCK	USA	2011
2:14.49	JENNY WHITELEY	AUS	2009	2:34.24	AHELEE SUE OSBORN	USA	2009	2:34.79	JUDITH HATTLE	GBR	2010
2:14.66	LAURA VAL	USA	2003	2:34.69	L.PELT-DILLER	USA	2008	2:38.19	JENNY WHITELEY	AUS	2009
2:14.88	BARBARA GELLRICH	GER	2011	2:35.02	BONNIE BILICH	USA	2010	2:38.43	S.HEIM-BOWEN	USA	2009
2:16.12	ENEY JONES	USA	2011	2:35.86	CATHY SHEEHAN	CAN	2010	2:38.73	JENNY COOK	USA	2008
2:17.99	K.PALACE	USA	2011	2:37.44	UTE ROMBERG	GER	2011	2:38.99	RIEKO SHOJI	JPN	2010
2:17.99	JENNY COOK	USA	2008	2:37.89	C.TARANTINO	ITA	2005	2:39.11	LAURA VAL	USA	2005
2:18.63	SARAH MACDONALD	CAN	2010	2:38.30	JANIS SHIRRIFF	CAN	2011	2:39.15	MATHILDE VINK	NED	2009
2:18.73	AHELEE SUE OSBORN	USA	2009	2:39.02	K.ANDRUS-HUGHES	USA	2009	2:40.76	HARUMI SUGINUMA	JPN	2009
400	M. FREE			50	M. BRST			100	M. I.M.		
4:34.81	LYNN MARSHALL	CAN	2011	35.08	JENNY WHITELEY	AUS	2009	1:09.22	JENNY WHITELEY	AUS	2009
4:35.54	S.HEIM-BOWEN	USA	2009	35.88	SARAH MACDONALD	CAN	2011	1:09.97	SARAH MACDONALD	CAN	2011
4:43.61	JENNY WHITELEY	AUS	2008	36.32	MAGGIE KELLY	GBR	2006	1:11.56	CECILLA STANFORD	RSA	2011
4:45.72	LAURA VAL	USA	2003	36.51	KATE SORENSEN	DEN	2011	1:11.67	AHELEE SUE OSBORN	USA	2009
4:46.36	BARBARA GELLRICH	GER	2011	36.65	DAGMAR HILBIG	GER	2010	1:11.99	LESLIE LIVINGSTON	USA	2011
4:46.96	K.PALACE	USA	2011	36.69	CHRISTIANE HEEREN	GER	1999	1:12.27	LISA DIXON-WELLS	CAN	2011
4:48.68	JEANNE CARLSEN	CAN	2009	36.86	JUDY GARAY	CAN	2011	1:12.34	JENNY COOK	USA	2008
4:49.23	ENEY JONES	USA	2011	36.99	LISA BENNETT	USA	2009	1:12.50	LAURA VAL	USA	2003
4:50.23	MARGEE CURRAN	USA	2011	37.10	PETRA SCHROER	GER	2004	1:12.59	JUDITH HATTLE	GBR	2011
4:52.36	JENNY COOK	USA	2008	37.30	BARBARA GELLRICH	GER	2011	1:12.62	BARBARA GELLRICH	GER	2011
800	M. FREE			100	M. BRST			200	M. I.M.		
9:23.45	LYNN MARSHALL	CAN	2011	1:16.49	JENNY WHITELEY	AUS	2009	2:30.98	JENNY WHITELEY	AUS	2009
9:29.62	S.HEIM-BOWEN	USA	2009	1:18.13	KATE SORENSEN	DEN	2011	2:33.09	LYNN MARSHALL	CAN	2011
9:47.94	K.PALACE	USA	2011	1:20.22	DAGMAR HILBIG	GER	2010	2:34.03	CECILLA STANFORD	RSA	2011
9:49.92	JEANNE CARLSEN	CAN	2009	1:20.72	JENNY COOK	USA	2008	2:35.86	JENNY COOK	USA	2008
9:50.53	LAURA VAL	USA	2003	1:21.61	MARJA BLOEMZAAD	NED	2011	2:36.59	NAOKO SHIDE	JPN	2010
9:51.80	MARGEE CURRAN	USA	2011	1:22.06	LOLI BALBUENA	ESP	2009	2:36.88	AHELEE SUE OSBORN	USA	2009
9:54.75	BARBARA GELLRICH	GER	2011	1:22.20	MELINDA MANN	USA	2009	2:37.42	JUDITH HATTLE	GBR	2010
10:01.66	DYMPHNA MORRIS	IRL	2011	1:22.32	JUDITH HATTLE	GBR	2011	2:37.52	DANIELLE OGIER	USA	2002
10:04.56	JENNY COOK	USA	2008	1:22.40	KIM CROUCH	USA	2011	2:37.90	LAURA VAL	USA	2002
10:05.20	C.TARANTINO	ITA	2005	1:22.47	AMANDA HEATH	GBR	2009	2:37.93	ANN KOURI	CAN	2011
1500	M. FREE			1:22.47	COKIE LEPINSKI	USA	2009	400	M. I.M.		
17:51.33	S.HEIM-BOWEN	USA	2009	200	M. BRST			5:14.65	LYNN MARSHALL	CAN	2011
17:53.25	LYNN MARSHALL	CAN	2011	2:48.69	JENNY WHITELEY	AUS	2009	5:31.20	NAOKO SHIDE	JPN	2010
				2:52.03	KATE SORENSEN	DEN	2011	5:32.60	JENNY WHITELEY	AUS	2008



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5:34.22	RIEKO SHOJI	JPN	2010	18:43.73	LAURA VAL	USA	2010	3:03.02	KEIKO UTSUMI	JPN	2011
5:36.28	LAURA VAL	USA	2002	19:24.70	BARBARA DUNBAR	USA	2004	3:05.26	ULRIKE URBANIAK	GER	2008
5:36.61	JUDITH HATTLE	GBR	2010	19:34.48	N.STEADMAN-MARTIN	USA	2009	3:05.87	FRANCES PENWARDEN	GBR	2010
5:36.89	CECILLA STANFORD	RSA	2011	19:45.99	CHRISTIE CIRAULO	USA	2008	3:06.41	JENNIFER MERRITT	GBR	2006
5:37.20	JEANNE CARLSEN	CAN	2009	19:47.98	S.LOFTUS-CHARLEY	USA	2010	3:07.59	IRINA SHANGINA	RUS	2011
5:41.78	PAULA JAMES	USA	2009	19:55.78	C.TARANTINO	ITA	2011	3:07.81	AVILA RHODES	CAN	2011
5:42.32	JENNY COOK	USA	2008	20:45.03	MARY ANNE MYERS	CAN	2010	3:08.87	BONNIE PRONK	CAN	1997
*****				20:47.12	ANNE BOURNE	GBR	2010	3:09.71	INEKE WEEKERS	NED	2009
*****				20:49.11	JEN THOMASSON	AUS	1998	3:10.86	DEB WALKER	USA	2010
*****				21:03.79	AUDREY COOPER	GBR	2010	50 M. FLY			
*****				50 M. BACK				31.13	LAURA VAL	USA	2009
*****				*****				31.92	JUDY WILSON	GBR	2000
50 M. FREE				32.62	LAURA VAL	USA	2009	32.76	PAT SARGEANT	USA	2011
28.49	LAURA VAL	USA	2009	34.76	BENEDICTE DUPREZ	FRA	2007	32.93	CHRISTIE CIRAULO	USA	2008
28.58	JACKI HIRSTY	USA	2009	35.00	DEBORAH BARTON	GBR	2004	33.15	CONNY BOER-BUYS	NED	2009
29.05	PAT SARGEANT	USA	2008	35.38	MINDY DOUGHERTY	USA	2009	33.28	STACEY WARMUTH	USA	2011
29.16	REGULA STEIGER	SUI	2008	35.56	EVIE LYNCH	USA	2009	33.43	JANIE COLE	USA	2009
29.46	LYNN MORRISON	USA	2009	35.82	SILVANA NABUCO	BRA	1998	33.57	JACKI HIRSTY	USA	2009
29.57	BARBARA JONES	USA	2011	35.88	SATOKO TAKEUJI	JPN	1997	33.66	ARDETH MUELLER	USA	1997
29.59	ALYSON FORDHAM	GBR	2011	35.96	DIANE COETZEE	RSA	2011	33.76	YOSHIKO KADOSAKA	JPN	2004
29.59	HEATHER CAMPBELL	NZL	2008	36.00	MAUREEN HUGHES	USA	2011	100 M. FLY			
29.87	CONNY BOER-BUYS	NED	2005	36.02	CAROL FELLOWS	GBR	2001	1:09.23	LAURA VAL	USA	2009
30.01	S.LE NOACH BOZON	FRA	2011	100 M. BACK				1:12.99	JUDY WILSON	GBR	2001
100 M. FREE				1:12.23	LAURA VAL	USA	2008	1:14.68	PAT SARGEANT	USA	2008
1:01.33	LAURA VAL	USA	2009	1:15.93	STACEY WARMUTH	USA	2011	1:15.14	COLETTE CRABBE	USA	2011
1:02.75	HEATHER CAMPBELL	NZL	2008	1:16.25	BENEDICTE DUPREZ	FRA	2007	1:15.23	MELINDA MANN	USA	2011
1:04.77	PAT SARGEANT	USA	2008	1:16.26	EVIE LYNCH	USA	2009	1:15.44	STACEY WARMUTH	USA	2011
1:05.31	JACKI HIRSTY	USA	2009	1:16.97	MINDY DOUGHERTY	USA	2009	1:15.80	CHRISTIE CIRAULO	USA	2008
1:05.84	N.STEADMAN-MARTIN	USA	2009	1:17.86	PAT SARGEANT	USA	2011	1:16.31	BARBARA DUNBAR	USA	2004
1:06.11	CONNY BOER-BUYS	NED	2009	1:18.47	DIANE COETZEE	RSA	2011	1:18.11	JEANNE LAPPIN	USA	2010
1:06.63	ALYSON FORDHAM	GBR	2011	1:18.71	NORIKO KOBAMATSU	JPN	2011	1:18.67	M.HILLENBRAND	GER	2009
1:07.09	CATHY MERRITT	CAN	2009	1:19.20	BA BARNETT-SALLEE	USA	2001	200 M. FLY			
1:07.57	REGULA STEIGER	SUI	2008	1:19.37	MARGIT OHLSSON	SWE	2003	2:31.13	LAURA VAL	USA	2008
1:07.59	BARBARA DUNBAR	USA	2004	200 M. BACK				2:47.18	BARBARA DUNBAR	USA	2004
200 M. FREE				2:40.05	LAURA VAL	USA	2008	2:47.89	N.STEADMAN-MARTIN	USA	2009
2:14.45	LAURA VAL	USA	2009	2:43.47	MINDY DOUGHERTY	USA	2009	2:53.92	JUDY WILSON	GBR	2001
2:23.28	N.STEADMAN-MARTIN	USA	2009	2:44.55	N.STEADMAN-MARTIN	USA	2009	2:55.05	ARDETH MUELLER	USA	1996
2:23.98	PAT SARGEANT	USA	2008	2:46.73	KAREN EINSIDLER	USA	2011	2:55.79	S.LOFTUS-CHARLEY	USA	2010
2:24.63	STACEY WARMUTH	USA	2011	2:47.09	BENEDICTE DUPREZ	FRA	2006	2:57.35	PAT SARGEANT	USA	2008
2:24.67	JACKI HIRSTY	USA	2009	2:48.40	C.TARANTINO	ITA	2010	2:57.45	M.NEUMEISTER	GER	2007
2:27.09	SUSANNA SORDELLI	ITA	2011	2:48.87	PAT SARGEANT	USA	2011	2:57.70	ELAINE VALDEZ	USA	2010
2:27.22	DI COETZEE	RSA	2010	2:51.41	DI COETZEE	RSA	2010	2:58.52	JUNKO SATO	JPN	2010
2:27.59	BARBARA DUNBAR	USA	2004	2:51.44	EVIE LYNCH	USA	2007	100 M. I.M.			
2:28.01	C.TARANTINO	ITA	2011	2:52.19	BARBARA STUBBE	GER	2009	1:12.90	LAURA VAL	USA	2009
2:28.11	A.PIJTAK-RADERSMA	NED	2011	50 M. BRST				1:15.06	HEATHER CAMPBELL	NZL	2008
400 M. FREE				37.77	DAGMAR FRESE	GER	2011	1:16.07	STACEY WARMUTH	USA	2011
4:42.97	LAURA VAL	USA	2009	38.32	JAN WICKS	AUS	2001	1:16.55	JACKI HIRSTY	USA	2009
4:53.27	N.STEADMAN-MARTIN	USA	2009	38.33	REGULA STEIGER	SUI	2009	1:17.48	PAT SARGEANT	USA	2010
5:01.53	BARBARA DUNBAR	USA	2004	38.63	MONIKA SENFTLEBEN	GER	1998	1:17.48	BRIGITTE MERTEN	GER	2002
5:01.68	STACEY WARMUTH	USA	2011	38.73	YVONNE CATTRALL	CAN	2005	1:18.25	CATHY MERRITT	CAN	2009
5:04.60	JACKI HIRSTY	USA	2008	38.85	AVILA RHODES	CAN	2011	1:18.71	R.SWICZINSKY-KORD	GER	2011
5:05.56	CHRISTIE CIRAULO	USA	2008	38.91	PETRA SCHROER	GER	2008	1:19.02	CAROLYN BOAK	USA	2001
5:05.80	C.TARANTINO	ITA	2010	38.92	DANIELLE BRAULT	CAN	2011	1:19.37	PEGGY MCDONNELL	USA	2010
5:07.50	DI COETZEE	RSA	2010	39.01	BONNIE PRONK	CAN	1998	200 M. I.M.			
5:09.21	LAURA VACA	MEX	2009	39.12	COLETTE CRABBE	USA	2011	2:36.98	LAURA VAL	USA	2009
5:10.42	SUSAN SKIFF	GBR	2009	100 M. BRST				2:46.45	HEATHER CAMPBELL	NZL	2008
800 M. FREE				1:23.69	DAGMAR FRESE	GER	2011	2:47.90	PAT SARGEANT	USA	2008
9:51.35	LAURA VAL	USA	2009	1:25.18	REGULA STEIGER	SUI	2009	2:48.71	COLETTE CRABBE	USA	2011
10:17.86	BARBARA DUNBAR	USA	2004	1:25.63	YVONNE CATTRALL	CAN	2005	2:49.08	SUSANNA SORDELLI	ITA	2011
10:20.12	CHRISTIE CIRAULO	USA	2008	1:25.89	ULRIKE URBANIAK	GER	2008	2:50.17	N.STEADMAN-MARTIN	USA	2009
10:20.65	N.STEADMAN-MARTIN	USA	2009	1:25.92	BONNIE PRONK	CAN	1997	2:51.08	BRIGITTE MERTEN	GER	2004
10:26.13	LAURA VACA	MEX	2009	1:25.94	COLETTE CRABBE	USA	2011	2:51.87	S.LOFTUS-CHARLEY	USA	2010
10:28.00	C.TARANTINO	ITA	2011	1:26.01	JENNIFER MERRITT	GBR	2006	2:52.30	CATHY MERRITT	CAN	2009
10:30.10	STACEY WARMUTH	USA	2011	1:26.33	DALE BARNHARD	USA	2003	2:52.43	ARDETH MUELLER	USA	1997
10:32.57	S.LOFTUS-CHARLEY	USA	2010	1:26.38	BETH ESTEL	USA	2011	400 M. I.M.			
10:37.18	DI COETZEE	RSA	2010	1:26.41	PETRA SCHROER	GER	2008	5:39.30	LAURA VAL	USA	2009
10:37.89	SUSAN SKIFF	GBR	2009	200 M. BRST				5:47.01	N.STEADMAN-MARTIN	USA	2009
1500 M. FREE				3:02.37	CATHERINE KOHN	USA	2009				



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5:55.84	STACEY WARMUTH	USA	2011	1500 M. FREE		3:06.48	BONNIE PRONK	CAN	2002		
5:58.09	S.LOFTUS-CHARLEY	USA	2010	19:38.63	LAURA VAL	USA	2011	3:07.44	HANNELORE ROSE	GER	2002
6:00.23	SUSANNA SORDELLI	ITA	2011	19:59.92	S.LOFTUS-CHARLEY	USA	2011	3:13.55	DEB WALKER	USA	2011
6:02.53	PAT SARGEANT	USA	2008	20:46.72	BARBARA DUNBAR	USA	2009	3:14.60	JENNIFER MERRITT	GBR	2011
6:04.58	BARBARA DUNBAR	USA	2004	21:33.34	JACKIE MARR	USA	2003	3:14.76	JANETTE JEFFREY	AUS	2010
6:05.65	CATHERINE KOHN	USA	2009	21:37.44	CONNY BOER-BUYS	NED	2010	3:17.73	S.LOFTUS-CHARLEY	USA	2011
6:09.78	BRIGITTE MERTEN	GER	2002	21:59.83	YOSHIKO OSAKI	JPN	1998	3:18.15	DIANE FORD	GBR	2005
6:10.45	CHARLOTTE DAVIS	USA	2007	22:06.71	ANN CAMPBELL	AUS	2009	3:18.20	NOBUKO YASUDA	JPN	2005
				22:12.78	LINDA SHOENBERGER	USA	2009	3:18.25	JOANN LEILICH	USA	2001
*****				22:23.62	BARNI WARNHURST	CAN	1988	3:20.65	ELAINE BROMWICH	GBR	2003
	WOMEN 60-64			22:26.18	HELLA VERSFELD	CAN	2011	50 M. FLY			
*****				50 M. BACK				32.77	LAURA VAL	USA	2011
50 M. FREE				33.94	LAURA VAL	USA	2011	32.93	CHARLOTTE DAVIS	USA	2011
29.48	LAURA VAL	USA	2011	36.02	DIANN UUSTAL	USA	2010	33.38	JUDY WILSON	GBR	2004
30.01	CHARLOTTE DAVIS	USA	2010	36.16	RACHEL BARTON	GBR	2008	34.47	RUTH SHAPS	USA	2008
30.70	LYNETTE STEVENSON	AUS	2009	36.17	LYNETTE STEVENSON	AUS	2009	34.57	CONNY BOER-BUYS	NED	2010
30.76	CONNY BOER-BUYS	NED	2010	36.38	SATOKO TAKEUJI	JPN	2002	34.58	DIANN UUSTAL	USA	2010
30.93	YOSHIKO KADOSAKA	JPN	2009	36.42	MARGIT OHLSSON	SWE	2005	34.74	RACHEL BARTON	GBR	2009
31.03	SANDERINA KRUGER	RSA	2011	36.60	BENEDICTE DUPREZ	FRA	2011	35.03	MICHIE DOI	JPN	2005
31.05	ROSARIO VIVANCO	PER	2009	36.92	MARGARET WILDING	GBR	2000	35.05	LYNETTE STEVENSON	AUS	2009
31.07	RACHEL BARTON	GBR	2009	36.99	SILVANA ABREU	BRA	2003	35.17	YOSHIKO KADOSAKA	JPN	2011
31.42	RUTH SHAPS	USA	2008	37.20	TAKAKO NAKAHARA	JPN	2009	100 M. FLY			
31.67	CHRISTIE ALTMAN	USA	2009	100 M. BACK				1:12.67	LAURA VAL	USA	2011
100 M. FREE				1:14.48	LAURA VAL	USA	2011	1:15.40	CHARLOTTE DAVIS	USA	2011
1:05.16	LAURA VAL	USA	2011	1:18.69	DIANN UUSTAL	USA	2010	1:16.41	JUDY WILSON	GBR	2004
1:06.58	CHARLOTTE DAVIS	USA	2010	1:19.53	BENEDICTE DUPREZ	FRA	2011	1:19.38	BARBARA DUNBAR	USA	2009
1:08.58	CONNY BOER-BUYS	NED	2010	1:20.02	MARGIT OHLSSON	SWE	2006	1:20.77	S.LOFTUS-CHARLEY	USA	2011
1:09.10	RACHEL BARTON	GBR	2009	1:20.60	RACHEL BARTON	GBR	2008	1:21.22	BRIGITTE MERTEN	GER	2006
1:09.69	LYNETTE STEVENSON	AUS	2009	1:21.06	SATOKO TAKEUJI	JPN	2003	1:21.87	HARRIET BERGER	GER	2004
1:09.90	SANDERINA KRUGER	RSA	2009	1:21.74	MARGARET WILDING	GBR	2002	1:23.78	YOSHIKO OSAKI	JPN	1999
1:09.92	MARGARETA RAINER	SWE	2009	1:23.08	LYNETTE STEVENSON	AUS	2009	1:24.92	C.NIEUWENHUIS	NED	2011
1:09.97	S.LOFTUS-CHARLEY	USA	2011	1:23.58	HIROMI SATO	JPN	2002	1:25.79	CHRISTIE ALTMAN	USA	2009
1:10.11	AKIKO IWAMIZU	JPN	2010	1:23.89	ANKE KLATT	GER	2009	200 M. FLY			
1:10.53	JUDY WILSON	GBR	2004	200 M. BACK				2:41.25	LAURA VAL	USA	2011
200 M. FREE				2:42.21	LAURA VAL	USA	2011	3:00.31	BARBARA DUNBAR	USA	2009
2:20.16	LAURA VAL	USA	2011	2:52.95	BENEDICTE DUPREZ	FRA	2011	3:05.20	YOSHIKO OSAKI	JPN	2000
2:31.69	CONNY BOER-BUYS	NED	2010	2:56.06	BONNIE PRONK	CAN	2002	3:07.04	JUDY WILSON	GBR	2004
2:32.22	S.LOFTUS-CHARLEY	USA	2011	2:57.92	MARGARET WILDING	GBR	2000	3:08.25	S.LOFTUS-CHARLEY	USA	2011
2:32.48	ROSARIO VIVANCO	PER	2009	2:58.33	MARGIT OHLSSON	SWE	2007	3:13.71	ARDETH MUELLER	USA	2004
2:33.82	BARBARA DUNBAR	USA	2009	2:58.62	DIANN UUSTAL	USA	2010	3:17.45	RITSUKO KUROSAWA	JPN	2009
2:35.20	MARGARETA RAINER	SWE	2009	3:00.89	S.LOFTUS-CHARLEY	USA	2011	3:18.64	SARAH WELCH	USA	2008
2:35.87	SANDERINA KRUGER	RSA	2010	3:01.08	TAKAKO NAKAHARA	JPN	2009	3:19.74	MICHIKO OTO	JPN	2011
2:38.32	YOSHIKO OSAKI	JPN	1999	3:01.86	JACKIE MARR	USA	2003	3:21.73	JUDIE OLIVER	CAN	1992
2:38.37	JUDY WILSON	GBR	2004	3:02.02	JANETTE JEFFREY	AUS	2010	100 M. I.M.			
2:39.34	JANETTE JEFFREY	AUS	2010	50 M. BRST				1:16.37	LAURA VAL	USA	2011
400 M. FREE				38.60	MONIKA SENFTLEBEN	GER	2002	1:17.48	CHARLOTTE DAVIS	USA	2010
4:55.54	LAURA VAL	USA	2011	38.97	BONNIE PRONK	CAN	2002	1:19.09	BRIGITTE MERTEN	GER	2006
5:17.88	S.LOFTUS-CHARLEY	USA	2011	39.60	DEB WALKER	USA	2011	1:19.86	DIANN UUSTAL	USA	2010
5:22.47	BARBARA DUNBAR	USA	2009	39.77	JAN WICKS	AUS	2006	1:21.05	BONNIE PRONK	CAN	2002
5:23.74	ROSARIO VIVANCO	PER	2009	40.24	DALE BARNHARD	USA	2008	1:21.20	HARRIET BERGER	GER	2004
5:25.13	CONNY BOER-BUYS	NED	2010	40.76	YVONNE CATTRALL	CAN	2008	1:21.47	JANETTE JEFFREY	AUS	2010
5:27.75	JACKIE MARR	USA	2003	40.98	JENNIFER MERRITT	GBR	2011	1:21.51	MARIE FUHRMANN	FRA	2007
5:30.24	YOSHIKO OSAKI	JPN	2000	40.98	HANNELORE ROSE	GER	2002	1:22.11	RUTH SHAPS	USA	2008
5:38.06	LAVELLE STOINOFF	USA	1993	41.08	EMMA ANN DAVIES	GBR	2009	1:22.57	YOSHIKO OSAKI	JPN	2000
5:38.72	ARDETH MUELLER	USA	2004	41.27	GINGER PIERSON	USA	2006	200 M. I.M.			
5:39.11	MARGARETA RAINER	SWE	2009	100 M. BRST				2:43.50	LAURA VAL	USA	2011
800 M. FREE				1:26.43	HANNELORE ROSE	GER	2002	2:48.33	CHARLOTTE DAVIS	USA	2010
10:21.68	LAURA VAL	USA	2011	1:26.56	BONNIE PRONK	CAN	2002	2:52.64	S.LOFTUS-CHARLEY	USA	2011
10:39.12	S.LOFTUS-CHARLEY	USA	2011	1:27.07	DEB WALKER	USA	2011	2:54.07	CAROLE BATES	GBR	1998
10:58.58	BARBARA DUNBAR	USA	2009	1:28.79	NOBUKO YASUDA	JPN	2009	2:55.72	BONNIE PRONK	CAN	2002
11:13.35	CONNY BOER-BUYS	NED	2010	1:29.22	JENNIFER MERRITT	GBR	2011	2:56.50	BRIGITTE MERTEN	GER	2009
11:18.60	YOSHIKO OSAKI	JPN	2000	1:29.68	MONIKA SENFTLEBEN	GER	2002	2:57.46	HARRIET BERGER	GER	2004
11:24.28	ARDETH MUELLER	USA	2004	1:30.58	JOANN LEILICH	USA	2000	2:58.28	BARBARA DUNBAR	USA	2009
11:29.10	ROSARIO VIVANCO	PER	2009	1:30.76	DIANE FORD	GBR	2007	2:59.95	YOSHIKO OSAKI	JPN	1998
11:30.45	MARGARETA RAINER	SWE	2009	1:31.01	GINGER PIERSON	USA	2006	3:03.22	JACKIE MARR	USA	2003
11:30.55	LAVELLE STOINOFF	USA	1993	1:31.46	DALE BARNHARD	USA	2008	400 M. I.M.			
11:34.09	JACKIE MARR	USA	2004	200 M. BRST				5:51.81	LAURA VAL	USA	2011



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5:57.70	CHARLOTTE DAVIS	USA	2010	12:34.61	BONNIE PRONK	CAN	2007	1:36.52	ELIANE PELLIS	BEL	1998
6:03.26	S.LOFTUS-CHARLEY	USA	2011	12:35.26	CLARA WALKER	USA	1992	200 M. BRST			
6:15.26	BARBARA DUNBAR	USA	2009	1500 M. FREE				3:14.89	NOBUKO YASUDA	JPN	2010
6:21.36	BRIGITTE MERTEN	GER	2009	21:43.60	JEN THOMASSON	AUS	2008	3:17.44	JOANN LEILICH	USA	2004
6:25.24	BONNIE PRONK	CAN	2002	22:09.43	JACKIE MARR	USA	2008	3:20.83	LUISE KNOPFLE	GER	2004
6:27.20	JACKIE MARR	USA	2003	22:35.98	YOSHIKO OSAKI	JPN	2004	3:21.25	DIANE FORD	GBR	2008
6:27.23	HANNELORE ROSE	GER	2002	22:59.28	SUZANNE DILLS	USA	2010	3:23.72	BONNIE PRONK	CAN	2007
6:28.22	YOSHIKO OSAKI	JPN	1999	23:33.96	LINDA ASHMORE	GBR	2011	3:24.31	MASAYO AZUMA	JPN	2000
6:41.60	JEN THOMASSON	AUS	2007	23:38.44	CLARA WALKER	USA	1992	3:26.40	FLORA CONNOLLY	GBR	2000
				23:44.34	JANE ASHER	GBR	1996	3:26.55	YOSHIKO OSAKI	JPN	2004
*****				23:54.51	BONNIE PRONK	CAN	2007	3:29.02	LOTTE MULLER	GER	1999
				24:00.15	E.KETELSEN	DEN	2009	3:29.93	ELIANE PELLIS	BEL	1998
*****				24:11.37	SILVANA ABREU	BRA	2006	50 M. FLY			
*****								35.06	DIANN UUSTAL	USA	2011
*****								36.36	CHRISTEL SCHULZ	GER	2005
50 M. FREE				50 M. BACK				36.66	JUDY WILSON	FRA	2010
31.82	LYNETTE STEVENSON	AUS	2011	35.58	DIANN UUSTAL	USA	2011	36.71	MICHELLE DOI	JPN	2009
31.91	HEIDE LORBERG	GER	2004	36.58	MARGIT OHLSSON	SWE	2010	36.79	YOSHIKO OSAKI	JPN	2003
32.06	DIANN UUSTAL	USA	2011	36.85	CLARY MUNNS	AUS	2009	37.10	BRIGITTE MERTEN	GER	2011
32.25	CHRISTEL SCHULZ	GER	2005	37.47	SILVANA ABREU	BRA	2006	37.31	LYNETTE STEVENSON	AUS	2011
32.40	CLARY MUNNS	AUS	2009	37.63	SATOKO TAKEUJI	JPN	2007	38.06	JOY WARD	USA	2007
32.66	B.AXLING	SWE	2011	38.08	LYNETTE STEVENSON	AUS	2011	38.09	HISAKO SATO	JPN	2000
32.77	PAM HUTCHINGS	AUS	2002	38.25	PAM HUTCHINGS	AUS	2001	38.27	B.AXLING	SWE	2011
33.09	YOSHIKO OSAKI	JPN	2005	38.91	B.AXLING	SWE	2011	100 M. FLY			
33.29	JEN THOMASSON	AUS	2010	39.11	BONNIE PRONK	CAN	2007	1:23.41	BRIGITTE MERTEN	GER	2011
33.48	JEAN HOWARD-JONES	GBR	2008	39.60	PENNY STEELE	AUS	2011	1:23.61	JUDY WILSON	FRA	2010
100 M. FREE				100 M. BACK				1:25.28	YOSHIKO OSAKI	JPN	2003
1:10.76	DIANN UUSTAL	USA	2011	1:17.95	DIANN UUSTAL	USA	2011	1:25.67	CAROLYN BOAK	USA	2010
1:10.97	CHRISTEL SCHULZ	GER	2005	1:18.81	MARGIT OHLSSON	SWE	2011	1:29.13	CHRISTEL SCHULZ	GER	2006
1:13.48	YOSHIKO OSAKI	JPN	2004	1:22.17	CLARY MUNNS	AUS	2009	1:29.85	CLARY MUNNS	AUS	2009
1:14.35	JEN THOMASSON	AUS	2010	1:25.00	BONNIE PRONK	CAN	2007	1:31.00	MARGOT PETTIJOHN	USA	2011
1:14.67	JACKIE MARR	USA	2008	1:25.53	PAM HUTCHINGS	AUS	2001	1:31.92	HELGA REICH	GER	2001
1:15.18	B.AXLING	SWE	2011	1:25.61	SILVANA ABREU	BRA	2006	1:33.07	CHRISTINE PERFECT	GBR	2004
1:15.29	E.KETELSEN	DEN	2009	1:26.66	E.KETELSEN	DEN	2008	1:33.10	GAIL ROPER	USA	1995
1:15.32	LYNETTE STEVENSON	AUS	2011	1:26.96	BETSY JORDAN	USA	2002	200 M. FLY			
1:15.57	JEAN HOWARD-JONES	GBR	2008	1:28.02	NORIKO YOSHIDA	JPN	2010	3:17.36	YOSHIKO OSAKI	JPN	2003
1:15.61	NOBUKO YASUDA	JPN	2010	1:28.80	CHRISTEL SCHULZ	GER	2006	3:19.08	CAROLYN BOAK	USA	2011
200 M. FREE				200 M. BACK				3:28.93	HELGA REICH	GER	2002
2:39.77	CAROLYN BOAK	USA	2010	2:53.36	DIANN UUSTAL	USA	2011	3:29.98	SILVANA ABREU	BRA	2006
2:39.81	DIANN UUSTAL	USA	2011	2:55.02	MARGIT OHLSSON	SWE	2011	3:31.98	FLORA CONNOLLY	GBR	1999
2:42.05	YOSHIKO OSAKI	JPN	2004	3:01.88	BONNIE PRONK	CAN	2007	3:32.93	JUNE KRAUSER	USA	1995
2:42.08	JACKIE MARR	USA	2008	3:04.05	CLARY MUNNS	AUS	2011	3:33.33	CLARY MUNNS	AUS	2010
2:43.65	JEN THOMASSON	AUS	2010	3:08.42	CHRISTEL SCHULZ	GER	2006	3:33.38	JUDIE OLIVER	CAN	1997
2:44.02	CHRISTEL SCHULZ	GER	2005	3:08.61	PAM HUTCHINGS	AUS	2001	3:34.14	JACKIE MARR	USA	2008
2:45.06	SUZANNE DILLS	USA	2010	3:09.52	NORIKO YOSHIDA	JPN	2009	3:35.80	GAIL ROPER	USA	1995
2:47.42	PAM HUTCHINGS	AUS	2002	3:11.23	JACKIE MARR	USA	2008	100 M. I.M.			
2:50.36	E.KETELSEN	DEN	2008	3:11.32	E.KETELSEN	DEN	2008	1:20.86	DIANN UUSTAL	USA	2011
2:50.40	JANE ASHER	GBR	1997	3:12.09	SILVANA ABREU	BRA	2006	1:21.89	BRIGITTE MERTEN	GER	2011
400 M. FREE				50 M. BRST				1:22.53	CLARY MUNNS	AUS	2009
5:35.53	CAROLYN BOAK	USA	2010	40.90	NOBUKO YASUDA	JPN	2010	1:24.08	MARGIT OHLSSON	SWE	2011
5:44.29	JACKIE MARR	USA	2008	41.40	BONNIE PRONK	CAN	2009	1:24.45	NOBUKO YASUDA	JPN	2010
5:46.47	SUZANNE DILLS	USA	2010	41.53	MONIKA SENFTLEBEN	GER	2008	1:24.71	CAROLYN BOAK	USA	2010
5:46.94	YOSHIKO OSAKI	JPN	2003	42.02	DIANN UUSTAL	USA	2011	1:24.95	YOSHIKO OSAKI	JPN	2005
5:48.14	JEN THOMASSON	AUS	2010	42.32	BRIGITTE MERTEN	GER	2011	1:25.00	CHRISTEL SCHULZ	GER	2005
5:56.24	CHRISTEL SCHULZ	GER	2006	42.35	JOANN LEILICH	USA	2005	1:27.57	LYNETTE STEVENSON	AUS	2011
5:58.95	DIANN UUSTAL	USA	2011	42.46	DIANE FORD	GBR	2009	1:27.69	BONNIE PRONK	CAN	2007
5:59.10	LAVELLE STOINOFF	USA	2002	43.07	SHOKO YONEZAWA	JPN	2002	200 M. I.M.			
6:00.99	JANE ASHER	GBR	1996	43.10	JUDITH ALDEN	GBR	2011	3:02.58	BRIGITTE MERTEN	GER	2011
6:01.13	HANNELORE ROSE	GER	2007	43.16	SHIZUKA HATTORI	JPN	2011	3:04.22	CAROLYN BOAK	USA	2010
6:01.13	V.JOHANSSON	SWE	2001	100 M. BRST				3:04.75	CLARY MUNNS	AUS	2009
800 M. FREE				1:28.73	NOBUKO YASUDA	JPN	2010	3:05.72	NOBUKO YASUDA	JPN	2010
11:24.13	JEN THOMASSON	AUS	2008	1:31.87	BONNIE PRONK	CAN	2007	3:06.37	YOSHIKO OSAKI	JPN	2004
11:40.70	JACKIE MARR	USA	2008	1:32.05	DIANE FORD	GBR	2008	3:06.64	CHRISTEL SCHULZ	GER	2008
11:49.70	YOSHIKO OSAKI	JPN	2003	1:32.37	JOANN LEILICH	USA	2004	3:10.11	HANNELORE ROSE	GER	2007
12:15.14	HANNELORE ROSE	GER	2008	1:33.03	HANNELORE ROSE	GER	2007	3:10.12	BONNIE PRONK	CAN	2007
12:20.68	LAVELLE STOINOFF	USA	2002	1:33.89	LUISE KNOPFLE	GER	2004	3:11.69	MARGIT OHLSSON	SWE	2010
12:20.70	JAN CROFT	AUS	2009	1:34.50	MASAYO AZUMA	JPN	2000	3:13.20	JACKIE MARR	USA	2008
12:26.85	JANE ASHER	GBR	1999	1:36.24	SHOKO YONEZAWA	JPN	2001				
12:26.96	ELAINE BLOWER	GBR	2010	1:36.45	FLORA CONNOLLY	GBR	1998				



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400 M. I.M.			13:33.96 LINDA MACPHERSON	CAN 2008	1:42.61 ELIANE PELLIS	BEL 2006
6:31.71 CAROLYN BOAK	USA 2010	13:35.09 DIANE STOWELL	USA 2005	1:42.62 EDITH BOEHM	GER 1999	
6:34.95 YOSHIKO OSAKI	JPN 2003	13:39.97 TAYO FUJIEDA	JPN 2007	200 M. BRST		
6:45.14 CLARY MUNNS	AUS 2009	1500 M. FREE		3:25.76 JOANN LEILICH	USA 2009	
6:45.94 JACKIE MARR	USA 2008	23:54.74 JANE ASHER	GBR 2004	3:28.98 MASAYO AZUMA	JPN 2005	
6:49.48 BONNIE PRONK	CAN 2007	24:56.47 BARBARA FENTIMAN	GBR 2004	3:30.16 SHOKO YONEZAWA	JPN 2005	
6:51.93 HANNELORE ROSE	GER 2008	24:57.85 JUNE KRAUSER	USA 1996	3:33.22 LUISE KNOPFLE	GER 2009	
6:57.58 FLORA CONNOLLY	GBR 2000	25:14.99 HELGA REICH	GER 2006	3:40.16 TAYO FUJIEDA	JPN 2007	
7:01.55 JUDIE OLIVER	CAN 1999	25:19.73 REIKO ISHIZAKI	JPN 2009	3:43.02 DIANE STOWELL	USA 2005	
7:02.74 SUZANNE DILLS	USA 2010	25:40.21 GAIL ROPER	USA 1999	3:44.03 JUDIE OLIVER	CAN 2002	
7:05.86 DANIELA BARNEA	USA 2009	25:56.01 MARIA PENNA	BRA 2011	3:44.40 INGRID LUNING	GER 2010	
*****			26:05.53 LINDA MACPHERSON	CAN 2011	3:44.57 ELIANE PELLIS	BEL 2004
*****			26:05.82 NANCY BROWN	USA 2006	3:45.66 ANN HIRSCH	USA 2001
*****			26:18.70 PETEY SMITH	USA 1994	50 M. FLY	
*****			50 M. BACK		37.96 YOSHIKO OSAKI	JPN 2009
*****			40.49 MARGARET WILDING	GBR 2009	39.02 CHRISTEL SCHULZ	GER 2010
*****			40.61 PAM HUTCHINGS	AUS 2008	39.36 HARUMI SUGIMOTO	JPN 2008
*****			40.97 YOSHIKO OSAKI	JPN 2009	39.44 JANE ASHER	GBR 2004
*****			41.23 SHOKO YONEZAWA	JPN 2005	40.39 HISAKO KITAYAMA	JPN 2009
*****			41.45 Gerd DURRE	GER 2006	40.56 HISAKO SATO	JPN 2006
*****			41.70 BETSY JORDAN	USA 2007	40.58 HAIKE HOLER	GER 2006
*****			41.82 CHRISTEL SCHULZ	GER 2011	40.66 GAIL ROPER	USA 1999
*****			42.58 DORIS STEADMAN	USA 1995	41.16 HELGA REICH	GER 2006
*****			42.85 V.JOHANSSON	SWE 2005	42.47 JUDIE OLIVER	CAN 2002
*****			42.86 GRETHE BENDTSEN	DEN 2000	100 M. FLY	
*****			100 M. BACK		1:28.55 YOSHIKO OSAKI	JPN 2009
*****			1:29.10 CHRISTEL SCHULZ	GER 2011	1:34.70 JANE ASHER	GBR 2001
*****			1:29.93 BETSY JORDAN	USA 2007	1:34.86 HELGA REICH	GER 2006
*****			1:31.24 SHOKO YONEZAWA	JPN 2005	1:37.41 CHRISTEL SCHULZ	GER 2010
*****			1:31.31 V.JOHANSSON	SWE 2005	1:37.56 GAIL ROPER	USA 1999
*****			1:33.27 YOSHIKO OSAKI	JPN 2009	1:38.39 HAIKE HOLER	GER 2006
*****			1:34.24 NANCY BROWN	USA 2006	1:39.02 JUDIE OLIVER	CAN 2002
*****			1:34.51 GRETHE BENDTSEN	DEN 2000	1:40.05 HISAKO SATO	JPN 2006
*****			1:34.59 PAM HUTCHINGS	AUS 2008	1:40.20 JUNE KRAUSER	USA 1996
*****			1:35.27 JANE ASHER	GBR 2001	1:44.44 MARCELA STASTNA	CZE 2009
*****			1:35.66 DORIS STEADMAN	USA 1995	200 M. FLY	
*****			200 M. BACK		3:34.59 YOSHIKO OSAKI	JPN 2009
*****			3:17.86 CHRISTEL SCHULZ	GER 2011	3:37.23 HELGA REICH	GER 2006
*****			3:18.61 V.JOHANSSON	SWE 2005	3:38.39 JUNE KRAUSER	USA 1996
*****			3:20.96 JANE ASHER	GBR 2001	3:44.96 JANE ASHER	GBR 2001
*****			3:24.21 YOSHIKO OSAKI	JPN 2009	3:45.64 GAIL ROPER	USA 1999
*****			3:25.04 NANCY BROWN	USA 2006	3:49.52 LINDA MACPHERSON	CAN 2010
*****			3:25.71 PAM HUTCHINGS	AUS 2008	3:55.59 JUDIE OLIVER	CAN 2004
*****			3:27.79 DORIS STEADMAN	USA 1995	3:58.01 BETTY RUSS	USA 1997
*****			3:29.29 JUDIE OLIVER	CAN 2002	3:59.95 HIROKO KOBAYASHI	JPN 2010
*****			3:31.10 BETSY JORDAN	USA 2007	4:03.04 SYLVIA EISELE	CAN 2000
*****			3:31.87 HARUMI SUGIMOTO	JPN 2008	100 M. I.M.	
*****			50 M. BRST		1:24.88 YOSHIKO OSAKI	JPN 2009
*****			42.80 SHOKO YONEZAWA	JPN 2005	1:27.39 CHRISTEL SCHULZ	GER 2010
*****			44.22 JOANN LEILICH	USA 2011	1:27.80 SHOKO YONEZAWA	JPN 2005
*****			44.74 KAZUKO KAJIWARA	JPN 2009	1:32.23 GAIL ROPER	USA 2000
*****			45.08 EDITH BOEHM	GER 1999	1:33.49 JANE ASHER	GBR 2003
*****			45.19 YOSHIKO OSAKI	JPN 2010	1:34.10 JUDIE OLIVER	CAN 2002
*****			45.55 MASAYO AZUMA	JPN 2005	1:35.21 HELGA REICH	GER 2006
*****			45.56 ERIKA LANGE	GER 1998	1:35.57 TAYO FUJIEDA	JPN 2009
*****			45.63 MARGIT JEBE	USA 2008	1:36.29 V.ANN JOHANSSON	SWE 2006
*****			45.81 MURIEL HITCHCOCK	GBR 2009	1:37.81 NANCY MACBETH	USA 1999
*****			45.94 TAYO FUJIEDA	JPN 2009	200 M. I.M.	
*****			100 M. BRST		3:11.14 YOSHIKO OSAKI	JPN 2009
*****			1:35.58 SHOKO YONEZAWA	JPN 2005	3:12.16 CHRISTEL SCHULZ	GER 2011
*****			1:36.63 YOSHIKO OSAKI	JPN 2010	3:21.52 JUDIE OLIVER	CAN 2002
*****			1:36.94 MASAYO AZUMA	JPN 2005	3:24.64 JANE ASHER	GBR 2001
*****			1:37.11 LUISE KNOPFLE	GER 2009	3:25.28 HELGA REICH	GER 2006
*****			1:37.20 JOANN LEILICH	USA 2009	3:26.44 SHOKO YONEZAWA	JPN 2006
*****			1:41.38 TAYO FUJIEDA	JPN 2007	3:30.92 GAIL ROPER	USA 1999
*****			1:41.98 KUMIE TOKUDA	JPN 2008	3:31.29 JUNE KRAUSER	USA 1999
*****			1:42.21 MARGIT JEBE	USA 2008	3:32.12 V.JOHANSSON	SWE 2005
12:30.00 JANE ASHER	GBR 2004					
13:00.04 BARBARA FENTIMAN	GBR 2004					
13:03.64 HELGA REICH	GER 2006					
13:07.28 JUNE KRAUSER	USA 1996					
13:23.18 HISAKO SATO	JPN 2006					
13:29.20 MARIA PENNA	BRA 2011					
13:30.87 NANCY BROWN	USA 2006					



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3:32.90 BETSY JORDAN	USA	2007	14:30.66 BRITT GRILLI	SWE	2003	1:50.24 ANN HIRSCH	USA	2008
400 M. I.M.			14:32.87 RONNIE KAMPHAUSEN	USA	2009	1:51.99 EDITH BOHM	GER	2003
6:56.79 YOSHIKO OSAKI	JPN	2008	14:40.11 JUNE KRAUSER	USA	2001	1:52.35 GAIL ROPER	USA	2004
7:09.96 JANE ASHER	GBR	2001	14:46.26 MARGERY MEYER	USA	1998	200 M. BRST		
7:19.12 JUDIE OLIVER	CAN	2002	1500 M. FREE			3:33.03 SHOKO YONEZAWA	JPN	2010
7:24.32 JUNE KRAUSER	USA	1996	24:04.75 JANE ASHER	GBR	2006	3:40.80 MASAYO AZUMA	JPN	2010
7:34.98 URSULA FROHLICH	GER	2005	26:37.02 GAIL ROPER	USA	2005	3:47.58 ELIANE PELLIS	BEL	2008
7:36.99 GAIL ROPER	USA	1999	26:37.41 DENISE ROBERTSON	AUS	2011	3:49.39 A.VAN OBBERGHEN	BEL	2008
7:47.33 BETSY JORDAN	USA	2007	27:14.94 MICHIKO OKUMURA	JPN	2006	3:54.55 SYLVIA NEUHAUSER	AUT	2004
7:47.34 NANCY BROWN	USA	2006	27:33.16 LIZ WALLIS	AUS	2002	3:56.11 JANE ASHER	GBR	2006
7:48.97 NANCY MACBETH	USA	1999	27:39.46 JUNE KRAUSER	USA	2001	3:56.51 ANN HIRSCH	USA	2008
7:52.30 SYLVIA NEUHAUSER	AUT	2000	27:47.25 MARGERY MEYER	USA	1998	4:00.34 JUDIE OLIVER	CAN	2008
*****			28:18.44 YOSHIKO KINOSHITA	JPN	2006	4:03.79 GAIL ROPER	USA	2004
WOMEN 75-79			28:40.95 BETTY LORENZI	USA	2002	4:09.87 JOHNNIE DETRICK	USA	2010
*****			28:49.58 DOROTHY DICKEY	AUS	2008	50 M. FLY		
50 M. FREE			50 M. BACK			40.71 JANE ASHER	GBR	2006
35.88 JANE ASHER	GBR	2006	43.19 MARLENE MENDES	BRA	2008	44.18 GAIL ROPER	USA	2004
37.24 GAIL ROPER	USA	2004	43.50 JANE ASHER	GBR	2006	44.53 JUDIE OLIVER	CAN	2007
37.33 JOHNNIE DETRICK	USA	2011	43.54 SHOKO YONEZAWA	JPN	2010	46.07 HELGA REICH	GER	2011
37.38 SHOKO YONEZAWA	JPN	2011	44.76 DORIS STEADMAN	USA	1999	47.88 LOIS NOCHMAN	USA	1999
38.35 LOTTIE GEURTS	NED	2010	45.19 NANCY BROWN	USA	2011	47.89 HISAKO SATO	JPN	2010
38.46 HAIDE LORBERG	GER	2011	45.28 JOAN PARNELL	CAN	2004	48.69 MICHIKO OKUMURA	JPN	2007
38.85 M. CUNNINGHAM	AUS	2002	46.00 EVA JAROSOVA	CZE	2011	48.70 JEAN TROY	USA	2002
38.89 JEAN TROY	USA	2002	46.03 GRETHE BENDTSEN	DEN	2006	48.97 HAIKE HOLER	GER	2011
39.06 KERSTIN GJORES	SWE	2002	46.25 MAE WALDIE	CAN	2011	49.26 SYLVIA NEUHAUSER	AUT	2004
39.32 HISAKO SATO	JPN	2010	46.26 KERSTIN GJORES	SWE	2002	100 M. FLY		
100 M. FREE			100 M. BACK			1:44.35 JUDIE OLIVER	CAN	2007
1:18.59 JANE ASHER	GBR	2006	1:34.38 ELIANE PELLIS	BEL	2009	1:45.10 JANE ASHER	GBR	2006
1:24.31 GAIL ROPER	USA	2005	1:36.33 SHOKO YONEZAWA	JPN	2010	1:46.98 HELGA REICH	GER	2011
1:25.21 SHOKO YONEZAWA	JPN	2011	1:36.90 NANCY BROWN	USA	2011	1:49.36 GAIL ROPER	USA	2005
1:26.20 JEAN TROY	USA	2002	1:37.87 JANE ASHER	GBR	2006	1:50.11 SYLVIA NEUHAUSER	AUT	2005
1:28.49 M. CUNNINGHAM	AUS	2000	1:39.76 DORIS STEADMAN	USA	2000	1:52.25 JUNE KRAUSER	USA	2001
1:28.83 YURIKO NAGAMATSU	JPN	2010	1:41.65 GRETHE BENDTSEN	DEN	2006	1:56.17 JOAN ALEXANDER	USA	2009
1:28.96 DENISE ROBERTSON	AUS	2010	1:41.86 MARLENE MENDES	BRA	2008	1:56.42 LOIS NOCHMAN	USA	1999
1:29.25 JOHNNIE DETRICK	USA	2011	1:42.74 EVA JAROSOVA	CZE	2011	1:58.42 JEAN TROY	USA	2002
1:29.87 HELGA REICH	GER	2011	1:42.86 BARBARA MORTON	GBR	2011	2:00.24 SUE MAYNE	AUS	2011
1:30.54 FLORENCE CARR	USA	2001	1:43.27 JUDIE OLIVER	CAN	2009	200 M. FLY		
200 M. FREE			200 M. BACK			4:00.46 JUDIE OLIVER	CAN	2007
2:57.19 JANE ASHER	GBR	2006	3:32.59 JANE ASHER	GBR	2006	4:06.06 JANE ASHER	GBR	2006
3:07.58 GAIL ROPER	USA	2005	3:34.09 NANCY BROWN	USA	2011	4:08.39 LOIS KIVI NOCHMAN	USA	1999
3:11.99 JEAN TROY	USA	2002	3:38.25 DORIS STEADMAN	USA	1999	4:09.28 GAIL ROPER	USA	2004
3:12.60 HELGA REICH	GER	2011	3:40.06 BETTY LORENZI	USA	2003	4:12.50 JUNE KRAUSER	USA	2001
3:13.88 DENISE ROBERTSON	AUS	2010	3:41.22 JUDIE OLIVER	CAN	2009	4:25.06 SUE MAYNE	AUS	2011
3:15.76 JUDIE OLIVER	CAN	2007	3:42.98 MISAO MATSUMOTO	JPN	2011	4:33.31 BETTY RUSS	USA	2004
3:18.83 LOTTIE GEURTS	NED	2011	3:43.87 EVA JAROSOVA	CZE	2011	4:33.81 SYLVIA EISELE	CAN	2004
3:21.48 M. CUNNINGHAM	AUS	2001	3:44.40 MARLENE MENDES	BRA	2008	4:39.22 ANN HIRSCH	USA	2006
3:22.09 URSULA FROHLICH	GER	2011	3:46.88 JOAN PARNELL	CAN	2003	4:46.12 NANCY BROWN	USA	2011
3:22.38 MICHIKO OKUMURA	JPN	2007	3:48.62 KIMIKO OOKA	JPN	2004	100 M. I.M.		
400 M. FREE			50 M. BRST			1:31.62 SHOKO YONEZAWA	JPN	2010
6:09.40 JANE ASHER	GBR	2006	43.79 SHOKO YONEZAWA	JPN	2010	1:32.92 JANE ASHER	GBR	2006
6:39.88 DENISE ROBERTSON	AUS	2010	46.86 ELIANE PELLIS	BEL	2008	1:38.11 GAIL ROPER	USA	2004
6:44.09 JEAN TROY	USA	2002	46.94 A.VAN OBBERGHEN	BEL	2008	1:38.73 JUDIE OLIVER	CAN	2007
6:54.68 GAIL ROPER	USA	2004	47.15 EDITH BOHM	GER	2003	1:44.43 HELGA REICH	GER	2011
6:57.33 LIZ WALLIS	AUS	2002	47.66 MASAYO AZUMA	JPN	2010	1:45.44 SYLVIA NEUHAUSER	AUT	2004
7:00.56 JUNE KRAUSER	USA	2001	49.11 GISELA GRUNER	GER	2011	1:46.18 M. CUNNINGHAM	AUS	2000
7:01.36 MARGERY MEYER	USA	1998	49.57 SATOKO SUZUKI	JPN	1998	1:46.45 MICHIKO OKUMURA	JPN	2006
7:01.36 MARGERY MEYER	USA	1998	50.34 SYLVIA EISELE	CAN	2006	1:46.51 JUNE KRAUSER	USA	2001
7:03.77 URSULA FROHLICH	GER	2010	50.37 TSUNEKO MITA	JPN	1998	1:46.72 JEAN TROY	USA	2002
7:06.73 MICHIKO OKUMURA	JPN	2007	50.38 MARIA CARVALHO	BRA	2004	200 M. I.M.		
7:06.75 BRITT GRILLI	SWE	2003	100 M. BRST			3:31.20 JANE ASHER	GBR	2006
800 M. FREE			1:36.48 SHOKO YONEZAWA	JPN	2010	3:35.06 JUDIE OLIVER	CAN	2007
12:42.75 JANE ASHER	GBR	2006	1:42.36 MASAYO AZUMA	JPN	2010	3:37.24 GAIL ROPER	USA	2005
13:59.01 JEAN TROY	USA	2002	1:43.34 ELIANE PELLIS	BEL	2008	3:43.58 JUNE KRAUSER	USA	2001
14:12.12 GAIL ROPER	USA	2005	1:44.01 A.VAN OBBERGHEN	BEL	2008	3:47.43 HELGA REICH	GER	2011
14:21.26 MICHIKO OKUMURA	JPN	2006	1:47.80 SYLVIA NEUHAUSER	AUT	2004	3:49.91 JEAN TROY	USA	2002
14:23.70 URSULA FROHLICH	GER	2010	1:48.28 SATOKO SUZUKI	JPN	1998	3:53.51 MICHIKO OKUMURA	JPN	2006
14:29.27 LIZ WALLIS	AUS	2002	1:49.85 JANE ASHER	GBR	2006	3:56.28 SUE MAYNE	AUS	2011



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3:57.06 ANN HIRSCH	USA	2008	15:49.21 RITA SIMONTON	USA	1998	2:06.51 NANETTE BOHL	USA	2009
3:59.81 ELIANE PELLIS	BEL	2009	16:04.77 VIRGINIA KETELEER	BEL	2006	2:06.59 EMMI PAULI	GER	1993
400 M. I.M.			16:18.58 MARJORIE SHARPE	USA	1997	2:07.67 EIKO MORI	JPN	2007
7:34.39 JANE ASHER	GBR	2006	16:20.82 AIKO HORII	JPN	2010	2:08.23 GERTRUD MEERWALD	GER	2000
7:39.96 JUDIE OLIVER	CAN	2007	16:48.94 MICHIKO OKUMURA	JPN	2011	200 M. BRST		
7:52.71 JUNE KRAUSER	USA	2001	1500 M. FREE			4:00.52 A.VAN OBBERGHEN	BEL	2011
7:59.77 NANCY BROWN	USA	2011	25:45.37 JANE ASHER	GBR	2011	4:12.33 JANE ASHER	GBR	2011
8:05.23 GAIL ROPER	USA	2006	28:55.09 JEAN TROY	USA	2007	4:16.16 ANN HIRSCH	USA	2011
8:16.68 SUE MAYNE	AUS	2011	29:34.22 DOROTHY DICKEY	AUS	2010	4:29.24 EIKO MORI	JPN	2007
8:27.31 ANN HIRSCH	USA	2008	29:39.08 MARGERY MEYER	USA	2002	4:31.25 SYLVIA EISELE	CAN	2009
8:30.82 LOIS NOCHMAN	USA	1999	29:48.75 RITA SIMONTON	USA	1998	4:36.67 NANETTE BOHL	USA	2009
8:30.87 JEAN TROY	USA	2002	30:32.06 VIRGINIA KETELEER	BEL	2005	4:38.57 DOROTHY WILLIAMS	GBR	2003
8:38.09 SYLVIA EISELE	CAN	2004	30:45.08 MICHIKO OKUMURA	JPN	2011	4:47.03 JOAN KIDD	GBR	2007
			30:59.09 MARJORIE SHARPE	USA	1997	4:49.62 RITA SIMONTON	USA	1998
*****			31:45.05 LOIS KIVI NOCHMAN	USA	2004	4:51.88 ERIKA LANGE	GER	2008
WOMEN 80-84			32:47.75 ELSA DE LEEUW	CAN	2007	50 M. FLY		
*****			50 M. BACK			45.57 JANE ASHER	GBR	2011
50 M. FREE			46.10 JANE ASHER	GBR	2011	48.85 GAIL ROPER	USA	2009
37.67 JANE ASHER	GBR	2011	48.82 KERSTIN GJORES	SWE	2007	55.65 LOIS KIVI NOCHMAN	USA	2004
38.03 GAIL ROPER	USA	2009	49.02 JOAN PARNELL	CAN	2008	56.51 CHIE TANI	JPN	2006
40.24 MITSUKO KOMURO	JPN	2010	49.09 GRETHE BENDTSEN	DEN	2010	57.97 NANCY KINNEY	USA	2009
41.34 MARGERY MEYER	USA	2002	50.03 MARGERY MEYER	USA	2002	58.13 SYLVIA EISELE	CAN	2009
41.40 CHIE TANI	JPN	2007	50.73 NANCY KINNEY	USA	2009	58.20 JEAN TROY	USA	2008
41.45 JEAN TROY	USA	2007	51.19 ANNELESE POKER	GER	2001	58.34 ANN HIRSCH	USA	2011
41.78 M. CUNNINGHAM	AUS	2005	51.55 BETTY LORENZI	USA	2007	1:00.43 Y.KAPLAN-BADER	FRA	2009
41.98 OLGA JOHNSON	NZL	2001	51.71 KIMIKO OOKA	JPN	2011	1:01.24 GERTRUD MEERWALD	GER	2000
42.01 FLORENCE CARR	USA	2005	51.95 CLARA WALKER	USA	2008	100 M. FLY		
42.37 MIEKO KAMOSHITA	JPN	2007	100 M. BACK			1:58.02 GAIL ROPER	USA	2009
100 M. FREE			1:44.88 JANE ASHER	GBR	2011	1:59.41 JANE ASHER	GBR	2011
1:23.46 JANE ASHER	GBR	2011	1:49.83 JOAN PARNELL	CAN	2008	2:02.63 LOIS KIVI NOCHMAN	USA	2004
1:26.23 GAIL ROPER	USA	2009	1:50.61 BETTY LORENZI	USA	2007	2:14.51 CHIE TANI	JPN	2007
1:33.88 JEAN TROY	USA	2007	1:52.72 KERSTIN GJORES	SWE	2007	2:16.00 Y.KAPLAN-BADER	FRA	2008
1:34.45 MARGERY MEYER	USA	2002	1:53.51 KIMIKO OOKA	JPN	2009	2:17.23 SYLVIA EISELE	CAN	2009
1:34.59 M. CUNNINGHAM	AUS	2005	1:54.86 GRETHE BENDTSEN	DEN	2010	2:19.85 JEAN TROY	USA	2008
1:36.42 BRITT GRILLI	SWE	2008	1:55.79 MARGERY MEYER	USA	2002	2:22.05 GERTRUD MEERWALD	GER	2000
1:37.16 NAN BOHL	USA	2011	1:56.30 NANCY KINNEY	USA	2010	2:22.88 BETTY RUSS	USA	2008
1:38.96 MIEKO KAMOSHITA	JPN	2008	1:57.07 DORIS STEADMAN	USA	2004	2:28.34 JEAN DURSTON	USA	1994
1:39.76 ELSA DE LEEUW	CAN	2004	1:57.77 BUNNY CEDERLUND	USA	2004	200 M. FLY		
1:40.53 AIKO HORII	JPN	2010	200 M. BACK			4:31.97 LOIS KIVI NOCHMAN	USA	2005
200 M. FREE			3:42.88 JANE ASHER	GBR	2011	4:54.54 BETTY RUSS	USA	2008
3:01.61 JANE ASHER	GBR	2011	3:59.15 NANCY KINNEY	USA	2009	5:20.76 Y.KAPLAN-BADER	FRA	2010
3:18.57 GAIL ROPER	USA	2009	4:07.13 BETTY LORENZI	USA	2007	5:22.65 MAXINE O MERLINO	USA	1992
3:26.52 JEAN TROY	USA	2007	4:08.87 JOAN PARNELL	CAN	2008	5:24.06 JAE HOWELL	USA	2002
3:27.57 MARGERY MEYER	USA	2002	4:09.07 DORIS STEADMAN	USA	2004	5:27.00 JEAN DURSTON	USA	1997
3:35.64 NAN BOHL	USA	2011	4:13.99 KERSTIN GJORES	SWE	2010	5:29.14 THELMA BRYAN	AUS	2010
3:36.33 AIKO HORII	JPN	2010	4:14.53 MARGERY MEYER	USA	2003	5:39.29 DOROTHY WESTON	GBR	1996
3:37.21 RITA SIMONTON	USA	1998	4:14.67 AIKO GOTO	JPN	2011	6:01.96 NANCY DURSTEIN	USA	2009
3:41.35 YOSHIKO IKEUCHI	JPN	2011	4:16.47 KIMIKO OOKA	JPN	2011	6:04.35 JUNE REYNOLDS	USA	2003
3:42.10 DOROTHY DICKEY	AUS	2010	4:21.27 SILVIA CRAVERI	ITA	2003	100 M. I.M.		
3:43.24 BRITT GRILLI	SWE	2010	50 M. BRST			1:42.46 JANE ASHER	GBR	2011
400 M. FREE			49.35 A.VAN OBBERGHEN	BEL	2011	1:44.95 GAIL ROPER	USA	2009
6:34.92 JANE ASHER	GBR	2011	50.48 SATOKO SUZUKI	JPN	2003	1:49.26 MITSUKO KOMURO	JPN	2010
7:20.96 JEAN TROY	USA	2007	51.34 EDITH BOHM	GER	2008	1:56.27 JOAN PARNELL	CAN	2008
7:22.84 MARGERY MEYER	USA	2002	53.62 ANN HIRSCH	USA	2011	1:56.65 JEAN TROY	USA	2007
7:33.69 RITA SIMONTON	USA	1998	54.63 JOAN PARNELL	CAN	2008	1:57.48 ANN HIRSCH	USA	2011
7:37.49 DOROTHY DICKEY	AUS	2010	55.13 SYLVIA EISELE	CAN	2009	1:57.93 NANCY KINNEY	USA	2009
7:41.09 NAN BOHL	USA	2011	55.81 MICHELE GUILLAIS	FRA	2001	1:59.06 M. CUNNINGHAM	AUS	2005
7:42.75 AIKO HORII	JPN	2010	55.94 NANETTE BOHL	USA	2009	2:00.15 CHIE TANI	JPN	2006
7:44.00 M. CUNNINGHAM	AUS	2005	55.98 JANE ASHER	GBR	2011	2:00.90 GRETHE BENDTSEN	DEN	2010
7:53.24 BRITT GRILLI	SWE	2009	56.09 SAYOKO WATANABE	JPN	2007	200 M. I.M.		
7:58.35 VIRGINIA KETELEER	BEL	2006	100 M. BRST			3:43.73 JANE ASHER	GBR	2011
800 M. FREE			1:49.73 A.VAN OBBERGHEN	BEL	2011	3:55.51 GAIL ROPER	USA	2009
12:49.43 JANE ASHER	GBR	2011	1:54.30 SATOKO SUZUKI	JPN	2003	4:07.66 JEAN TROY	USA	2007
15:12.35 JEAN TROY	USA	2007	1:57.31 ANN HIRSCH	USA	2011	4:16.31 MITSUKO KOMURO	JPN	2010
15:30.51 MARGERY MEYER	USA	2005	1:58.44 JANE ASHER	GBR	2011	4:22.00 SYLVIA EISELE	CAN	2009
15:31.74 NAN BOHL	USA	2011	2:03.93 SAYOKO WATANABE	JPN	2007	4:22.29 LOIS KIVI NOCHMAN	USA	2005
15:43.22 DOROTHY DICKEY	AUS	2011	2:04.65 SYLVIA EISELE	CAN	2009	4:22.97 CHIE TANI	JPN	2006



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4:25.94 ANN HIRSCH	USA	2011	19:41.58 MAXINE MERLINO	USA	1998	2:33.87 EMMI PAULI	GER	1998
4:36.03 M. CUNNINGHAM	AUS	2005	20:28.81 MARJORIE SHARPE	USA	2003	2:35.43 ELSA DE LEEUW	CAN	2009
4:38.24 MARGERY MEYER	USA	2002	20:31.49 WILLY VAN RYSEL	GBR	2001	2:36.99 INGEBORG FRITZE	GER	2007
400 M. I.M.			20:47.07 KALIS RASMUSSEN	CAN	2009	2:37.44 FUSAKO TOMINARI	JPN	2002
8:07.34 JANE ASHER	GBR	2011	20:47.25 BETTY BRUSSEL	CAN	2009	2:37.57 MICHIKO HAMURO	JPN	2004
8:39.68 GAIL ROPER	USA	2009	21:02.41 MARIA LENK	BRA	2001	200 M. BRST		
9:30.65 JEAN TROY	USA	2007	1500 M. FREE			5:09.65 DOROTHY WILLIAMS	GBR	2008
9:31.73 LOIS KIVI NOCHMAN	USA	2004	31:44.50 RITA SIMONTON	USA	2003	5:29.71 ELSA DE LEEUW	CAN	2009
9:37.55 BETTY RUSS	USA	2008	33:03.30 MARGERY MEYER	USA	2007	5:33.41 MICHIKO HAMURO	JPN	2004
9:42.82 SYLVIA EISELE	CAN	2009	36:38.30 LOIS KIVI NOCHMAN	USA	2009	5:39.33 MARIA LENK	BRA	2000
9:50.43 MAXINE MERLINO	USA	1992	37:28.53 MAXINE MERLINO	USA	1998	5:45.85 LIS KNUTZEN	DEN	2007
10:09.01 JEAN DURSTON	USA	1994	39:25.76 WILLY VAN RYSEL	GBR	2001	5:46.07 MARIANNA BERKLEY	USA	2007
10:22.74 NANCY DURSTEIN	USA	2009	40:39.66 KALIS RASMUSSEN	CAN	2009	5:48.49 KALIS RASMUSSEN	CAN	2009
10:38.93 THELMA BRYAN	AUS	2010	41:11.16 KAY SCHIMPF	USA	2002	5:50.16 LOIS KIVI NOCHMAN	USA	2009
*****			42:10.95 JULIA DOLCE	USA	1995	5:54.96 B. VICKERS-BAKER	AUS	2011
*****			42:54.05 KIKU ONO	JPN	2002	5:55.47 INGEBORG FRITZE	GER	2008
*****			48:02.60 KATH JOHNSTONE	NZL	2003	50 M. FLY		
*****			50 M. BACK			1:02.04 LOIS KIVI NOCHMAN	USA	2009
50 M. FREE			50.81 DORIS MCEWAN	CAN	2010	1:07.35 JEAN DURSTON	USA	1999
45.84 TOKUYO KAMIGAKI	JPN	2011	57.62 BUNNY CEDERLUND	USA	2006	1:11.38 MARIA LENK	BRA	2000
46.31 OLGA JOHNSON	NZL	2006	58.02 NOEL MORROW	CAN	2004	1:12.55 NORA RONAI	BRA	2009
48.10 MARGERY MEYER	USA	2008	58.38 MASA SHIGEMITSU	JPN	2000	1:16.65 M. CUNNINGHAM	AUS	2010
49.14 FUSAKO YAMANAKA	JPN	2005	59.11 MARGERY MEYER	USA	2008	1:16.71 MAXINE MERLINO	USA	1998
49.48 HISAKO KOGA	JPN	2003	59.34 KAZUKO TAGUCHI	JPN	2011	1:19.27 JUNE REYNOLDS	USA	2007
49.77 M. CUNNINGHAM	AUS	2010	59.67 WILLY VAN RYSEL	GBR	2001	1:23.04 CHARLOTTE SANDDAL	USA	2009
49.92 RITA SIMONTON	USA	2003	1:00.29 SILVIA CRAVERI	ITA	2009	1:23.39 PARVATI JODJANA	FRA	2011
50.05 ELSA DE LEEUW	CAN	2009	1:00.39 MARJORIE SHARPE	USA	2002	1:23.52 KALIS RASMUSSEN	CAN	2009
50.36 DORIS MCEWAN	CAN	2009	1:00.71 FUSAKO TOMINARI	JPN	2003	100 M. FLY		
51.34 BUNNY CEDERLUND	USA	2006	100 M. BACK			2:21.77 LOIS KIVI NOCHMAN	USA	2009
100 M. FREE			2:10.33 BUNNY CEDERLUND	USA	2006	2:36.50 JEAN DURSTON	USA	1999
1:46.95 MARGERY MEYER	USA	2008	2:11.03 WILLY VAN RYSEL	GBR	2001	2:51.00 MAXINE MERLINO	USA	1998
1:48.55 OLGA JOHNSON	NZL	2006	2:11.06 SILVIA CRAVERI	ITA	2009	2:59.72 JUNE REYNOLDS	USA	2007
1:49.64 RITA SIMONTON	USA	2003	2:11.09 PERSIS RAE	AUS	2005	3:05.69 JAE HOWELL	USA	2007
1:51.96 M. CUNNINGHAM	AUS	2010	2:11.54 MARIA LENK	BRA	2000	3:19.21 NORA RONAI	BRA	2009
1:54.41 HISAKO KOGA	JPN	2002	2:13.85 LOIS KIVI NOCHMAN	USA	2009	3:20.81 JEWEL COOKE	USA	1996
1:55.38 MARJORIE SHARPE	USA	2002	2:13.95 NOEL MORROW	CAN	2004	3:22.29 EDITH GLUSAC	USA	2003
1:57.70 VIRGINIA KETELEER	BEL	2010	2:16.21 DOROTHY WILLIAMS	GBR	2008	3:25.85 KALIS RASMUSSEN	CAN	2009
1:58.86 FUSAKO YAMANAKA	JPN	2005	2:16.59 MARJORIE SHARPE	USA	2002	3:29.58 KATHERINE PELTON	USA	1990
1:59.46 ELSA DE LEEUW	CAN	2010	2:20.13 PARVATI JODJANA	FRA	2011	200 M. FLY		
2:00.31 AUDREY ETIENNE	USA	2001	200 M. BACK			4:59.50 LOIS KIVI NOCHMAN	USA	2009
200 M. FREE			4:18.50 EDITH THEIN	ISR	2003	5:42.80 JEAN DURSTON	USA	1999
3:54.18 MARGERY MEYER	USA	2007	4:36.48 BUNNY CEDERLUND	USA	2006	6:01.46 MAXINE MERLINO	USA	1998
3:57.48 RITA SIMONTON	USA	2003	4:41.34 MARIA LENK	BRA	2000	6:26.75 JAE HOWELL	USA	2007
4:05.82 OLGA JOHNSON	NZL	2006	4:41.38 PERSIS RAE	AUS	2005	6:45.75 JUNE REYNOLDS	USA	2007
4:10.40 HISAKO KOGA	JPN	2002	4:46.44 WILLY VAN RYSEL	GBR	2001	7:12.95 JEWEL COOKE	USA	1996
4:14.66 VIRGINIA KETELEER	BEL	2011	4:49.34 DOROTHY WILLIAMS	GBR	2008	7:15.07 KATHERINE PELTON	USA	1990
4:16.84 MARJORIE SHARPE	USA	2003	4:50.07 LOIS KIVI NOCHMAN	USA	2009	7:47.68 NORA RONAI	BRA	2010
4:23.25 ELSA DE LEEUW	CAN	2009	4:53.35 MARJORIE SHARPE	USA	2002	8:44.12 ANNE POTTIER	FRA	2008
4:24.20 MAURINE KORNFELD	USA	2006	4:57.09 ANNE WALKER	USA	2001	16:41.57 GERDA VOSS	CAN	2004
4:26.28 CANDIDA GANDOLPHO	BRA	2006	4:58.10 OLGA JOHNSON	NZL	2006	100 M. I.M.		
4:27.19 LOIS KIVI NOCHMAN	USA	2009	50 M. BRST			2:12.85 JEWEL COOKE	USA	1995
400 M. FREE			1:00.56 SATOKO SUZUKI	JPN	2008	2:13.69 MARGERY MEYER	USA	2008
7:58.41 MARGERY MEYER	USA	2008	1:02.92 KIMIE KANAI	JPN	2009	2:18.55 LOIS KIVI NOCHMAN	USA	2009
8:17.82 RITA SIMONTON	USA	2003	1:04.29 MICHELE GUILLAIS	FRA	2006	2:20.92 YOKO KOBAYASHI	JPN	2011
8:44.56 MAURINE KORNFELD	USA	2008	1:05.22 DORIS MCEWAN	CAN	2009	2:21.11 RITA SIMONTON	USA	2003
8:45.92 MARJORIE SHARPE	USA	2002	1:06.67 INGEBORG FRITZE	GER	2009	2:22.10 MARIA LENK	BRA	2000
8:59.25 OLGA JOHNSON	NZL	2006	1:07.06 LIS KNUTZEN	DEN	2006	2:22.30 M. CUNNINGHAM	AUS	2010
9:06.62 ELSA DE LEEUW	CAN	2009	1:07.58 NORA RONAI	BRA	2010	2:23.05 MARIANNA BERKLEY	USA	2007
9:26.72 LOIS KIVI NOCHMAN	USA	2009	1:07.72 NINEL KRUTOVA	RUS	2011	2:25.02 JEAN DURSTON	USA	1999
9:27.75 MARIA LENK	BRA	2000	1:08.15 FUSAKO TOMINARI	JPN	2004	2:26.21 ELSA DE LEEUW	CAN	2009
9:29.01 JEAN DURSTON	USA	1999	1:08.39 MARIA LENK	BRA	2000	200 M. I.M.		
9:34.27 MAXINE MERLINO	USA	1998	100 M. BRST			4:59.06 LOIS KIVI NOCHMAN	USA	2009
800 M. FREE			2:11.98 SATOKO SUZUKI	JPN	2009	5:09.92 MARIA LENK	BRA	2000
16:49.43 RITA SIMONTON	USA	2003	2:26.71 DOROTHY WILLIAMS	GBR	2008	5:12.01 JEAN DURSTON	USA	1999
18:02.38 MAURINE KORNFELD	USA	2007	2:28.12 LIS KNUTZEN	DEN	2006	5:12.13 MAXINE MERLINO	USA	1998
18:14.96 ELSA DE LEEUW	CAN	2009	2:29.90 MARIA LENK	BRA	2000	5:26.90 RITA SIMONTON	USA	2004
19:13.43 LOIS KIVI NOCHMAN	USA	2009	2:31.34 KALIS RASMUSSEN	CAN	2009	5:36.16 MARIANNA BERKLEY	USA	2007



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5:37.00	M. CUNNINGHAM	AUS	2010	22:18.84	MAXINE MERLINO	USA	2002	200	M. BRST		
5:37.37	KALIS RASMUSSEN	CAN	2009	25:03.34	MARIA LENK	BRA	2007	6:31.21	INGEBORG FRITZE	GER	2011
5:44.41	JAE HOWELL	USA	2007	25:12.44	KATH JOHNSTONE	NZL	2007	6:37.73	MARIA LENK	BRA	2005
5:54.83	NORA RONAI	BRA	2010	26:29.38	LILLIAN WARREN	CAN	2010	7:06.04	BARBARA BOHM	GER	2010
400	M. I.M.			28:45.45	ANNA BAUSCHER	USA	1993	7:57.95	MICHIKO HAMURO	JPN	2009
10:28.05	LOIS KIVI NOCHMAN	USA	2009	30:02.99	JEAN BUCHANAN	CAN	2010	8:23.74	MARION DEVITT	CAN	2009
10:55.73	JEAN DURSTON	USA	1999	1500	M. FREE			9:03.85	JEWEL COOKE	USA	1999
11:02.02	MAXINE MERLINO	USA	1998	1:04.47	KATH JOHNSTONE	NZL	2011	10:00.45	KATH JOHNSTONE	NZL	2007
11:51.00	KALIS RASMUSSEN	CAN	2009	35:40.38	RITA SIMONTON	USA	2008	10:23.13	MADELEINE MILLER	USA	2000
12:24.66	JAE HOWELL	USA	2007	41:20.62	WILLY VAN RYSEL	GBR	2006	14:53.20	HILDA BUEL	USA	2004
12:30.12	JUNE REYNOLDS	USA	2007	44:27.18	MAXINE MERLINO	USA	2002	50	M. FLY		
13:24.08	JEWEL COOKE	USA	1996	50:36.15	LILLIAN WARREN	CAN	2010	1:30.41	RITA SIMONTON	USA	2008
13:32.12	GERTRUD ZINT	USA	2003	50	M. BACK			1:34.61	DOROTHY WESTON	GBR	2003
14:32.30	ANNE POTTIER	FRA	2009	1:05.70	WILLY VAN RYSEL	GBR	2006	1:35.56	MAXINE MERLINO	USA	2002
15:34.06	KATHERINE PELTON	USA	1991	1:08.16	NOEL MORROW	CAN	2009	1:48.46	MARIE KELLEHER	USA	2006
*****				1:12.15	MAURINE KORNFELD	USA	2011	1:49.08	JEWEL COOKE	USA	2000
WOMEN 90-94				1:12.54	RITA SIMONTON	USA	2010	3:46.54	GERDA VOSS	CAN	2009
*****				1:13.33	HIDEKO HANADA	JPN	2009	4:00.74	HILDA BUEL	USA	2004
50	M. FREE			1:13.75	MARIA LENK	BRA	2005	4:45.13	ANNA BAUSCHER	USA	1993
55.53	HISAKO KOGA	JPN	2007	1:15.02	M.GOTTSCHALK	GER	1999	100	M. FLY		
56.55	RITA SIMONTON	USA	2008	1:16.60	ANNE WALKER	USA	2006	3:21.00	DOROTHY WESTON	GBR	2003
1:01.67	MAURINE KORNFELD	USA	2011	1:16.87	JOAN GODSALL	AUS	2008	4:06.32	JEWELL COOK	USA	1999
1:04.18	NOEL MORROW	CAN	2009	1:19.85	MIEKO NAGAOKA	JPN	2006	100	M. I.M.		
1:05.06	JOYCE O'FARRELL	AUS	2010	100	M. BACK			2:51.20	RITA SIMONTON	USA	2008
1:05.20	WILLY VAN RYSEL	GBR	2006	2:24.46	PERSIS RAE	AUS	2010	3:06.08	DOROTHY WESTON	GBR	2003
1:07.21	KIKUE ISHII	JPN	2011	2:26.64	WILLY VAN RYSEL	GBR	2006	3:06.87	MAXINE MERLINO	USA	2004
1:08.65	JOAN GODSALL	AUS	2008	2:32.24	RITA SIMONTON	USA	2010	3:08.12	MAURINE KORNFELD	USA	2011
1:08.79	JOYCE FAUNCE	AUS	2011	2:33.82	NOEL MORROW	CAN	2009	3:13.87	JEWEL COOKE	USA	1999
1:09.03	LIZ KNUTZEN	DEN	2010	2:34.81	MAURINE KORNFELD	USA	2011	3:31.92	MARIE KELLEHER	USA	2006
100	M. FREE			2:36.08	HIDEKO HANADA	JPN	2009	3:51.82	MICHIKO HAMURO	JPN	2009
2:07.65	RITA SIMONTON	USA	2008	2:43.99	MARIA LENK	BRA	2005	4:43.61	DOROTHY RIORDAN	USA	2004
2:09.13	HISAKO KOGA	JPN	2008	2:45.49	M.GOTTSCHALK	GER	1999	5:08.94	BERNARDA ANGULO	ESP	2004
2:23.66	WILLY VAN RYSEL	GBR	2006	2:47.71	ANNE WALKER	USA	2006	5:18.50	ELFIE STEVENIN	USA	2011
2:28.20	JOYCE O'FARRELL	AUS	2010	2:56.37	DOROTHY WESTON	GBR	2003	200	M. I.M.		
2:28.27	NOEL MORROW	CAN	2009	200	M. BACK			5:58.46	RITA SIMONTON	USA	2008
2:35.08	MARIA LENK	BRA	2005	4:57.77	PERSIS RAE	AUS	2010	6:25.12	MAXINE MERLINO	USA	2003
2:35.08	JEWEL COOKE	USA	2000	5:02.82	WILLY VAN RYSEL	GBR	2006	6:56.70	JEWEL COOKE	USA	1999
2:35.64	LIZ KNUTZEN	DEN	2010	5:29.42	HIDEKO HANADA	JPN	2009	10:46.88	GERDA VOSS	CAN	2009
2:35.78	INGEBORG FRITZE	GER	2011	5:32.55	MAURINE KORNFELD	USA	2011	11:57.44	HILDA BUEL	USA	2004
2:41.09	JOAN GODSALL	AUS	2008	5:56.27	ANNE WALKER	USA	2006	400	M. I.M.		
200	M. FREE			6:24.54	MARY LATHRAM	USA	2006	14:55.37	JEWEL COOKE	USA	1999
4:24.90	RITA SIMONTON	USA	2008	6:32.92	JEWEL COOKE	USA	1999	*****			
4:35.84	MAURINE KORNFELD	USA	2011	6:38.29	MIEKO NAGAOKA	JPN	2006	WOMEN 95-99			
4:49.36	HISAKO KOGA	JPN	2008	6:57.85	KATH JOHNSTONE	NZL	2007	*****			
5:11.66	WILLY VAN RYSEL	GBR	2006	7:16.44	MADELEINE MILLER	USA	2000	50	M. FREE		
5:21.30	MARIA LENK	BRA	2005	50	M. BRST			1:13.87	SHIZUE SHIMIZU	JPN	2006
5:23.71	INGEBORG FRITZE	GER	2011	1:11.00	INGEBORG FRITZE	GER	2011	1:21.93	MIEKO NAGAOKA	JPN	2009
5:34.59	MAXINE MERLINO	USA	2002	1:15.48	FUSAKO TOMINARI	JPN	2007	1:43.00	MARY LATHRAM	USA	2010
5:38.34	KATH JOHNSTONE	NZL	2008	1:20.12	MICHELE GUILLAIS	FRA	2011	1:52.14	MASAKO MATSUNO	JPN	2011
5:45.22	JEWEL COOKE	USA	2000	1:21.91	DOROTHY WESTON	GBR	2003	1:58.55	BERNARDA ANGULO	ESP	2007
5:51.94	KIKU ONO	JPN	2007	1:22.47	LIZ KNUTZEN	DEN	2010	2:02.50	MARGE ANDERSON	CAN	1998
400	M. FREE			1:24.48	MARIA LENK	BRA	2005	2:08.68	ROSA SELLARES	ESP	2006
9:01.89	RITA SIMONTON	USA	2008	1:25.24	M.GOTTSCHALK	GER	1999	4:05.96	ELIZABETH DZIADUS	USA	2005
9:28.68	MAURINE KORNFELD	USA	2011	1:30.27	PERSIS RAE	AUS	2010	100	M. FREE		
10:01.56	HISAKO KOGA	JPN	2007	1:30.57	BARBARA BOHM	GER	2010	2:59.01	MIEKO NAGAOKA	JPN	2010
10:29.76	WILLY VAN RYSEL	GBR	2006	1:31.20	ANNELIESE POKER	GER	2011	3:10.36	MARIE KELLEHER	USA	2008
10:45.34	MAXINE MERLINO	USA	2002	100	M. BRST			4:25.97	BERNARDA ANGULO	ESP	2008
11:10.67	MARIA LENK	BRA	2005	2:46.46	INGEBORG FRITZE	GER	2011	4:32.42	ROSA SELLARES	ESP	2006
12:17.00	KATH JOHNSTONE	NZL	2008	3:04.86	DOROTHY WESTON	GBR	2003	4:35.98	MARGE ANDERSON	CAN	1998
12:35.51	KIKU ONO	JPN	2007	3:05.60	MARIA LENK	BRA	2005	4:41.51	ANNE DUNIVIN	USA	2011
12:48.90	LILLIAN WARREN	CAN	2010	3:16.60	BARBARA BOHM	GER	2010	200	M. FREE		
13:24.06	MARY LATHRAM	USA	2006	3:25.74	M.GOTTSCHALK	GER	1999	6:17.47	MIEKO NAGAOKA	JPN	2009
800	M. FREE			3:38.97	CANDIDA GANDOLPHO	BRA	2010	6:50.52	MARIE KELLEHER	USA	2008
18:38.69	MAURINE KORNFELD	USA	2011	3:48.20	MICHIKO HAMURO	JPN	2009	9:26.22	BERNARDA ANGULO	ESP	2009
18:38.98	RITA SIMONTON	USA	2008	3:49.40	MARION DEVITT	CAN	2009	9:32.52	ROSA SELLARES	ESP	2006
21:16.76	WILLY VAN RYSEL	GBR	2006	4:00.47	RITA SIMONTON	USA	2009	10:33.89	ANNE DUNIVIN	USA	2011
				4:05.59	DORRIE VANNING	NZL	1991				



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400 M. FREE		50.13 HERMAN LOUW	USA 2000	55.87 NATHAN OXFORD	GBR 2008
13:05.10 MIEKO NAGAOKA	JPN 2010	50.20 STEFAN OOSTING	NED 2008	55.97 MARTIN HARRIS	GBR 1994
19:20.68 BERNARDA ANGULO	ESP 2007	50.31 D.STOCKINGER	AUT 2008	200 M. BACK	
19:24.06 ROSA SELLARES	ESP 2006	200 M. FREE		1:56.22 STEFAN HERBST	GER 2006
21:39.84 ANNE DUNIVIN	USA 2011	1:48.81 JOHN KEPPELER	USA 1995	1:59.68 IAN POWELL	GBR 2011
800 M. FREE		1:49.94 ANDREW MANLEY	GBR 2003	2:01.14 DEAN KENT	NZL 2005
27:58.70 MIEKO NAGAOKA	JPN 2010	1:50.19 SYLVAIN CROS	FRA 2007	2:01.78 MARTIN HARRIS	GBR 1994
1500 M. FREE		1:50.99 EDUARDO SCHIESARI	BRA 2002	2:02.23 JOHNATHAN SARGENT	GBR 2011
55:14.66 MIEKO NAGAOKA	JPN 2011	1:51.11 HERMAN LOUW	USA 2000	2:02.63 JOHN KEPPELER	USA 1995
50 M. BACK		1:51.34 STEVEN MELLOR	GBR 2000	2:02.67 JONATHAN AUDIS	GBR 2009
1:20.28 MIEKO NAGAOKA	JPN 2010	1:51.46 DAVID HOLMES	GBR 2009	2:02.75 LEONARDO SUMIDA	BRA 2011
1:27.92 EDITH HENDRY	USA 2006	1:51.65 FERNANDO SAEZ	BRA 2002	2:03.19 SYLVAIN CROS	FRA 2007
1:52.63 MARY LATHRAM	USA 2010	1:51.87 AURELIEN COQ	FRA 2004	2:03.69 SHINYA HAYASHI	JPN 2006
1:57.45 BERNARDA ANGULO	ESP 2008	1:51.92 DAN WEGNER	USA 2000	50 M. BRST	
2:00.16 SHIZUE SHIMIZU	JPN 2006	400 M. FREE		27.69 RUSS PATRICK	CAN 2003
2:04.24 ROSA SELLARES	ESP 2005	3:53.60 SYLVAIN CROS	FRA 2007	27.76 EDUARDO FISCHER	BRA 2005
2:05.36 MARGE ANDERSON	CAN 1998	3:56.53 A.ANGELOTI	BRA 2001	28.11 NAOKI NAGURA	JPN 2006
2:32.85 MARGO BATES	AUS 2009	3:56.60 MARTIN HOHL	SUI 2009	28.14 MINDAUGAS MARGIS	AUT 2010
2:36.71 ANNE DUNIVIN	USA 2011	3:56.66 AURELIEN COQ	FRA 2004	28.18 MITSUHIRO MARU	JPN 2008
3:36.30 ELIZABETH DZIADUS	USA 2005	3:57.24 STEVEN MELLOR	GBR 2000	28.25 KOTARO MORITA	JPN 2010
100 M. BACK		3:58.23 ALEX KOSTICH	USA 1997	28.26 MATTHIAS RUMPF	GER 2005
2:55.44 MIEKO NAGAOKA	JPN 2009	3:59.78 GAVIN LILEY	GBR 1993	28.28 NICOLAS CANIVET	FRA 2004
3:25.37 EDITH HENDRY	USA 2006	4:00.64 G.ORPHANIDES	GBR 2003	28.45 KAMIL KASPROWICZ	GER 2010
4:07.69 MARY LATHRAM	USA 2010	4:00.87 D.STOCKINGER	AUT 2008	28.46 COREY WELCH	USA 2008
4:08.35 BERNARDA ANGULO	ESP 2008	4:02.17 DAN WEGNER	USA 2000	100 M. BRST	
4:12.61 SHIZUE SHIMIZU	JPN 2006	800 M. FREE		1:00.28 EDUARDO FISCHER	BRA 2005
4:36.75 ROSA SELLARES	ESP 2005	8:07.91 A.ANGELOTI	BRA 2001	1:01.48 KOTARO MORITA	JPN 2010
5:12.32 MARGO BATES	AUS 2007	8:13.81 G.ORPHANIDES	GBR 2003	1:01.49 MITSUHIRO MARU	JPN 2008
200 M. BACK		8:14.75 ALEX KOSTICH	USA 1997	1:01.62 GARY MARSHALL	USA 2009
6:24.50 MIEKO NAGAOKA	JPN 2009	8:21.79 G.SPLITTGERBER	GER 2000	1:02.01 HAJIME IKEGAMI	JPN 2010
7:36.62 EDITH HENDRY	USA 2006	8:22.21 KOHEI FUKAYA	JPN 2009	1:02.03 KAMIL KASPROWICZ	GER 2010
9:20.51 BERNARDA ANGULO	ESP 2008	8:25.06 JASON NIELSON	USA 1996	1:02.11 JESPER KRISTENSEN	DEN 2009
9:37.39 ROSA SELLARES	ESP 2005	8:26.25 SYLVAIN CROS	FRA 2009	1:02.31 MATTHIAS RUMPF	GER 2005
11:55.69 MARGO BATES	AUS 2007	8:26.37 CRAIG PICKERING	USA 2006	1:02.38 KRISTIAN OUTINEN	DEN 2008
50 M. BRST		8:28.33 ANDREA MARCATO	ITA 2002	1:02.49 SIMON LEIGHFIELD	AUS 2002
2:25.20 MIEKO NAGAOKA	JPN 2010	8:28.96 M.MICHAELSEN	GER 2002	200 M. BRST	
100 M. I.M.		1500 M. FREE		2:14.44 CHRISTOPHER JONES	GBR 2007
3:54.89 MARIE KELLEHER	USA 2008	15:29.68 G.ORPHANIDES	GBR 2003	2:15.42 SIMON LEIGHFIELD	AUS 2002
*****		15:41.81 ALEX KOSTICH	USA 1997	2:18.21 FABIO SILVA	BRA 2006
WOMEN 100-104		15:56.29 MARTIN HOHL	SUI 2008	2:18.31 KOICHI MASUI	JPN 2010
*****		16:08.62 TAMMO SCHROEDER	GER 2009	2:18.40 TAKEO SASAOKA	JPN 2010
50 M. BACK		16:15.61 CRAIG PICKERING	USA 2006	2:18.42 KAMIL KASPROWICZ	GER 2010
3:53.60 ROSA SELLARES	ESP 2010	16:16.13 JOHN CALNAN	CAN 2006	2:19.19 MASAHICO WATANABE	JPN 2010
*****		16:23.21 ROB J MACKLE	USA 1992	2:19.27 COREY WELCH	USA 2008
M E N 25-29		16:26.54 TONY DAY	GBR 1991	2:19.40 S.YOSHIKURA	JPN 2006
*****		16:29.14 RICCARDO RUSSO	ITA 2006	2:19.76 OLIVER VINENZETTI	GER 2005
50 M. FREE		16:29.39 KOHEI FUKAYA	JPN 2011	50 M. FLY	
22.36 DANIEL BELINI	BRA 2009	50 M. BACK		23.66 DAISUKE ABE	JPN 2009
22.37 RENATO GUERARDI	BRA 2009	25.05 STEV THELOKE	GER 2004	23.70 OLIVER WENZEL	GER 2009
22.40 LUKAS HARNOL	CZE 2009	25.15 KEVIN DOAK	USA 2007	23.95 DANIEL BELINI	BRA 2009
22.48 ED WAGNER	USA 1996	25.22 TERO RATY	FIN 2004	24.10 M. PATTERSON	AUS 2011
22.48 ROBERT PEEL	USA 1993	25.24 JUNICHI MIYASHITA	JPN 2010	24.17 GLAUBER SILVA	BRA 2011
22.51 MATTHEW TUTTY	GBR 2011	25.26 TAKANORI MORI	JPN 2009	24.24 D. BURGESS LAIRD	USA 1989
22.62 SERGEY MUKHIN	RUS 2011	25.37 LEONARDO SUMIDA	BRA 2011	24.29 STEFAN HERBST	GER 2004
22.65 YU HOSHIDA	JPN 2010	25.43 MARTIN HARRIS	GBR 1994	24.64 YUTA SHOJI	JPN 2010
22.67 RICARDO WASSALL	BRA 2009	25.49 OLIVER WENZEL	GER 2009	24.64 YUSUKE OKAMURA	JPN 2009
22.72 RENE LEITE	BRA 2009	25.62 JIRI LEPOLA	FIN 2002	24.65 Y.TAKAMATSU	JPN 2010
100 M. FREE		25.83 GLAUBER SILVA	BRA 2011	100 M. FLY	
48.58 S.KUNZELMANN	GER 2005	100 M. BACK		52.92 DANIEL BELINI	BRA 2009
49.58 ANDREW MANLEY	GBR 2003	54.23 LEONARDO SUMIDA	BRA 2011	53.72 KEI NAKASHIMA	JPN 2009
49.60 DANIEL BELINI	BRA 2009	54.99 IAN POWELL	GBR 2011	53.82 JEFF DASH	USA 2008
49.90 AKIRA OGASAWARA	JPN 2010	55.04 STEFAN HERBST	GER 2005	53.93 STEFAN HERBST	GER 2004
49.90 LUKAS HARNOL	CZE 2009	55.15 TERO RATY	FIN 2004	54.51 HIROAKI GOTO	JPN 2010
49.91 BJORN ZIKARSKY	USA 1995	55.26 KEVIN DOAK	USA 2009	54.65 YUTA HAYASAKI	JPN 2009
49.96 SYLVAIN JOSEPH	FRA 2009	55.42 TAKAFUMI OISHI	JPN 2005	54.73 D.STOCKINGER	AUT 2008
		55.52 JUNICHI MIYASHITA	JPN 2010	54.76 M.BABUCHOWSKI	POL 2011
		55.76 JOHN KEPPELER	USA 1995	54.83 JASON EADDY	USA 2002



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54.94	MARIO MARSHALL	USA	2007	50.51	PETER EDVARDSSON	SWE	2011	56.25	JOHN KEPPELER	USA	1999
200 M. FLY				50.51	ROWDY GAINES	JPN	1989	56.36	SHINYA HAYASHI	JPN	2010
1:59.74	MARK LEWIS	GBR	2008	50.53	KLAUS HUEZ	ITA	2004	56.53	STEFAN HERBST	GER	2008
1:59.92	SATOSHI TORATANI	JPN	2008	50.57	ALEXANDER REHDER	BRA	2009	200 M. BACK			
2:01.72	YOHEI KATO	JPN	2007	200 M. FREE				1:55.46	DERYA BUYUKUNCU	USA	2009
2:01.74	LOIC LEROY	FRA	2006	1:46.52	STEFAN HERBST	GER	2011	1:56.68	STEFAN HERBST	GER	2008
2:01.95	IKUMI HASEGAWA	JPN	2010	1:48.40	JACOB CARSTENSEN	DEN	2008	2:00.43	MARTIN ZUBERO	USA	2001
2:02.05	KIMITAKA MINOBE	JPN	2003	1:49.00	CHRISTOPH HILMER	GER	2006	2:02.84	TAKAFUMI OISHI	JPN	2007
2:02.72	LASSE FRANK	GER	2007	1:49.58	TAMAS KEREKJARTO	USA	2009	2:02.91	JOHN KEPPELER	USA	1999
2:02.86	M.BABUCHOWSKI	POL	2011	1:50.91	ROWDY GAINES	JPN	1989	2:03.36	TAKUMA YAMAOKA	JPN	2008
2:03.48	YUTA HAYASAKI	JPN	2009	1:51.97	ANDREW MANLEY	GBR	2007	2:03.53	SYLVAIN CROS	FRA	2010
2:03.59	JASON EADDY	USA	2002	1:52.04	JOHN KEPPELER	USA	1999	2:03.77	JEROME FAROUZE	FRA	2007
100 M. I.M.				1:52.42	JOCHEN BRUHA	GER	2001	2:04.63	JAY YARID	USA	1993
55.13	YUTA SHOJI	JPN	2010	1:52.83	BRUCE HAYES	USA	1994	2:04.70	N.DELL'ANDEEA	ITA	2010
55.20	STEFAN HERBST	GER	2004	1:53.06	CLAYTON JONES	USA	2009	50 M. BRST			
55.78	OLIVER WENZEL	GER	2009	400 M. FREE				26.77	JORGE ALONZO	ESP	2009
56.13	NAOKI NAGURA	JPN	2008	3:57.47	TAMAS KEREKJARTO	USA	2009	27.11	MARCELO TOMAZINI	BRA	2009
56.39	FRANK ZIO	USA	2011	3:58.40	ALEX KOSTICH	USA	2000	27.73	CARLOS ALENCAR	BRA	2009
56.42	HIDEKI SAKAI	JPN	2011	3:59.83	BRUCE HAYES	USA	1994	27.81	THOMAS RUPPRATH	GER	2009
56.47	KRISTIAN OUTINEN	DEN	2008	4:00.26	SEBASTIAN WIESE	GER	2004	28.01	JEFF COMMINGS	USA	2008
56.65	JEFF COMMINGS	USA	2003	4:00.36	FABIEN CZACHOR	FRA	2009	28.20	RYOSUKE IMAI	JPN	2011
56.76	ATTILA CZENE	USA	2001	4:02.06	RAPHAEL VIEIRA	BRA	2008	28.27	MATTHIAS RUMPF	GER	2009
56.90	LEONARDO SUMIDA	BRA	2011	4:02.13	CLAUS IVERSEN	DEN	2011	28.31	HIDEAKI TOGO	JPN	2003
200 M. I.M.				4:02.56	SYLVAIN CROS	FRA	2010	28.48	TOMASZ DUSZYNSKI	POL	2009
1:59.70	K.GILCHRIST	FRA	2010	4:02.66	ROWDY GAINES	JPN	1989	28.52	NICHOLAS BRUNELLI	USA	2011
2:00.56	STEFAN HERBST	GER	2006	4:02.80	CRAIG PICKERING	USA	2008	100 M. BRST			
2:01.58	DEAN KENT	NZL	2005	800 M. FREE				1:00.81	ED MOSES	USA	2011
2:02.48	RYOYA TAGUCHI	JPN	2011	8:17.06	ALEX KOSTICH	USA	2000	1:00.95	RYOSUKE IMAI	JPN	2011
2:03.28	AURELIEN COQ	FRA	2004	8:19.13	SEBASTIAN WIESE	GER	2004	1:01.07	KYOSUKE YONEHARA	JPN	2010
2:04.10	IKUMI HASEGAWA	JPN	2010	8:19.44	BRUCE HAYES	USA	1994	1:01.34	MATTHIAS RUMPF	GER	2009
2:04.17	YOHEI KATO	JPN	2007	8:22.10	FABIEN CZACHOR	FRA	2009	1:01.34	JEFF COMMINGS	USA	2008
2:05.34	KAMIL KASPROWICZ	GER	2010	8:28.60	IGOR PIOVESAN	ITA	2008	1:01.35	RYUTARO MORITA	JPN	2009
2:05.64	JACOB SKYTTE	DEN	2011	8:29.51	CRAIG PICKERING	USA	2008	1:01.94	HIROYUKI KOSAKA	JPN	2010
2:05.66	ANDREW MANLEY	GBR	2004	8:32.66	ANDREA MARCATO	ITA	2006	1:02.32	TOMASZ DUSZYNSKI	POL	2009
400 M. I.M.				8:34.26	DAN STEPHENSON	USA	1989	1:02.40	CARLOS ALENCAR	BRA	2009
4:14.51	IKUMI HASEGAWA	JPN	2009	8:34.46	ANTONIO D'ARAI	ITA	2005	1:02.54	KAZUYA KOIKE	JPN	2009
4:20.94	DEAN KENT	NZL	2005	8:34.69	FABIO AFFRICANO	ITA	2005	200 M. BRST			
4:26.08	JULIEN BAILLOD	SUI	2009	1500 M. FREE				2:12.58	HIROYUKI KOSAKA	JPN	2010
4:26.79	JOHN KEPPELER	USA	1995	15:51.07	ALEX KOSTICH	USA	2000	2:12.92	KYOSUKE YONEHARA	JPN	2010
4:26.97	ALEX KOSTICH	USA	1997	16:06.84	IGOR PIOVESAN	ITA	2008	2:13.60	KAZUYA KOIKE	JPN	2009
4:30.05	DAVID HOLMES	GBR	2009	16:11.71	ANDREA MARCATO	ITA	2004	2:15.72	TOMASZ DUSZYNSKI	POL	2007
4:30.42	SYLVAIN CROS	FRA	2009	16:12.03	FABIEN CZACHOR	FRA	2009	2:16.60	NICK GILLINGHAM	GBR	2001
4:30.99	MARCEL RINZLER	USA	2000	16:15.49	MIKE SHAFFER	USA	1995	2:17.56	ROQUE SANTOS	USA	1999
4:32.04	GIORGIO PAOLETTI	ITA	2010	16:20.47	JULIEN BAILLOD	SUI	2011	2:17.92	TIMOTHY CARLSON	USA	2009
4:32.09	ASUKA KOIZUMI	JPN	2008	16:21.25	BRUCE HAYES	USA	1994	2:18.46	RYUTARO MORITA	JPN	2009
*****				16:21.80	CRAIG PICKERING	USA	2008	2:18.70	ED MOSES	USA	2010
M E N 30-34				16:26.83	JEFF UTSCH	USA	1997	2:19.69	SIMONE BATTISTON	ITA	2009
*****				16:27.27	R SEAN JUSTICE	USA	2010	50 M. FLY			
50 M. FREE				50 M. BACK				22.87	THOMAS RUPPRATH	GER	2009
21.98	NICHOLAS BRUNELLI	USA	2011	24.81	DERYA BUYUKUNCU	USA	2009	24.10	FERNANDO ALAEZ	ESP	2009
22.13	THOMAS RUPPRATH	GER	2009	25.54	MARTIN ZUBERO	USA	2001	24.11	LEANDRO OKUDA	BRA	2009
22.24	DAVID MAITRE	FRA	2011	25.59	THIAGO PINTO	BRA	2008	24.20	TAKASHI NISHIYAMA	JPN	2009
22.39	ANTHONY ERVIN	USA	2011	25.67	HAJIME ITOI	JPN	2001	24.32	MARCELO TOMAZINI	BRA	2009
22.41	S.KUNZELMANN	GER	2008	25.70	FERNANDO ALAEZ	ESP	2009	24.36	HAJIME ITOI	JPN	2003
22.61	LEANDRO OKUDA	BRA	2009	25.76	T.TAKEMURA	JPN	2009	24.64	ZSOLT GASPARD	USA	2009
22.68	ANDREW MANLEY	GBR	2008	25.78	NICHOLAS BRUNELLI	USA	2011	24.64	BRIAN ALDERMAN	USA	1999
22.68	AUSTYN SHORTMAN	GBR	2003	25.80	KEVIN DOAK	USA	2011	24.65	OSWALDO QUEVEDO	USA	2007
22.74	ALEXANDER REHDER	BRA	2009	25.95	DEREK ROBINSON	USA	2000	24.67	ALEXANDER KAHL	GER	2007
22.76	ED WAGNER	USA	2002	26.03	MARTIN HARRIS	GBR	2000	100 M. FLY			
100 M. FREE				100 M. BACK				52.63	STEFAN HERBST	GER	2011
49.04	S.KUNZELMANN	GER	2008	52.68	DERYA BUYUKUNCU	USA	2009	54.10	TAMAS KEREKJARTO	USA	2009
49.30	TAMAS KEREKJARTO	USA	2009	55.19	MARTIN ZUBERO	USA	2003	54.20	TAKAHIRO MORI	JPN	2011
49.95	FERNANDO ALAEZ	ESP	2009	55.78	MARTIN HARRIS	GBR	2000	54.28	S.KUNZELMANN	GER	2008
49.97	ANDREW MANLEY	GBR	2008	55.98	TAKUMA YAMAOKA	JPN	2008	54.50	MARCELO TOMAZINI	BRA	2009
50.02	NICHOLAS BRUNELLI	USA	2011	56.06	KEVIN DOAK	USA	2011	54.66	HIROKI NAKAZONO	JPN	2009
50.35	ANTHONY ERVIN	USA	2011	56.14	TAKAFUMI OISHI	JPN	2006	54.82	HIROSHI MIURA	JPN	1996
				56.16	THIAGO PINTO	BRA	2008	54.85	BRIAN ALDERMAN	USA	1999



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55.06	NAOYUKI KOBAYASHI	JPN	2009	51.11	ISAMU TSUZUKI	JPN	2010	57.69	CHRIS JONES	GBR	2006
55.11	TIMOTHY CARLSON	USA	2009	51.31	MICHAEL ROSS	USA	2004	58.20	JIM HARVEY	USA	2001
200 M. FLY				51.38	GO KUWATA	JPN	2010	58.25	CLAY BRITT	USA	1996
1:59.51	MARCELO TOMAZINI	BRA	2009	51.43	JOCHEN BRUHA	GER	2004	58.30	MATTHEW O'CONNOR	ESP	2006
2:00.21	HIROSHI MIURA	JPN	2000	51.44	JIM HARVEY	USA	2001	200 M. BACK			
2:00.50	TAMAS KEREKJARTO	USA	2009	200 M. FREE				2:00.34	RON KARNAUGH	USA	2002
2:04.03	JOCHEN HANZ	GER	2009	1:51.31	ERIK HOCHSTEIN	USA	2003	2:03.20	DEREK GUFFEY	USA	2009
2:04.59	MIKE SHAFFER	USA	1995	1:51.47	JOCHEN BRUHA	GER	2004	2:04.21	CHRIS JONES	GBR	2006
2:05.00	C.SORRENTINO	ITA	2008	1:51.54	MICHAEL ROSS	USA	2004	2:04.96	JEFF WELECHUK	CAN	2009
2:05.07	FERNANDO ALAEZ	ESP	2008	1:52.90	RON KARNAUGH	USA	2002	2:06.26	ROMAIN MARTY	FRA	2009
2:05.45	ASUKA KOIZUMI	JPN	2010	1:53.37	TYLER BLESSING	USA	2009	2:06.95	YOSHIHITO NAKAHARA	JPN	2005
2:05.68	ERIK HOCHSTEIN	USA	2002	1:53.66	EDWIN VAN NORDEN	NED	1998	2:07.12	JEROME FRENTSOS	USA	2000
2:05.84	ANDREA MARCATO	ITA	2008	1:54.26	R.LOCOCIOLO	ITA	2010	2:07.51	KENTARO NAKAMURA	JPN	2010
100 M. I.M.				1:54.51	MIKE SHAFFER	USA	2000	2:07.80	MARK VOGEL	DEN	2006
55.00	STEFAN HERBST	GER	2008	1:54.55	ISAMU TSUZUKI	JPN	2011	2:08.54	MARCEL RINZLER	USA	2006
55.77	NICHOLAS BRUNELLI	USA	2011	1:54.93	RICHARD STANNARD	GBR	2009	50 M. BRST			
56.34	FERNANDO ALAEZ	ESP	2009	400 M. FREE				27.79	JEFF COMMINGS	USA	2009
56.36	ATTILA CZENE	SWE	2004	3:57.77	ERIK HOCHSTEIN	USA	2003	28.30	STEVE WEST	USA	2009
56.43	HIROYUKI KOSAKA	JPN	2010	3:58.50	F.SILVESTRI	ITA	2002	28.63	PER SVANBERG	SWE	2009
56.46	TAMAS KEREKJARTO	USA	2009	4:01.78	RON KARNAUGH	USA	2003	28.75	RON KARNAUGH	USA	2002
56.66	MARTIN ZUBERO	USA	2003	4:02.35	SEBASTIAN WIESE	GER	2007	28.77	WALLY DICKS	USA	1998
56.83	DERYA BUYUKUNCU	USA	2008	4:02.52	MIKE SHAFFER	USA	2000	28.87	GERALD MORKEN	GER	1997
56.87	JEFF COMMINGS	USA	2008	4:03.90	NICOLAS GRANGER	FRA	2002	28.94	ALAN PESSOTTI	BRA	2008
57.02	JACOB CARSTENSEN	DEN	2009	4:05.07	GARRY MEIKLEJOHN	JPN	2009	28.95	RON DEKKER	NED	2003
200 M. I.M.				4:05.29	ALEX KOSTICH	USA	2009	28.98	ANDREA AGOSTINONE	ITA	2008
1:57.68	TAMAS KEREKJARTO	USA	2009	4:05.84	ANDREA MARCATO	ITA	2009	29.09	YASUHIRO KOMORI	JPN	2009
1:58.13	STEFAN HERBST	GER	2008	4:06.72	TONY LENNARTSSON	SWE	2002	100 M. BRST			
2:02.20	HIROYUKI KOSAKA	JPN	2010	800 M. FREE				1:01.47	JEFF COMMINGS	USA	2009
2:03.54	DIOGO YABE	BRA	2011	8:16.19	ALEX KOSTICH	USA	2009	1:01.63	STEVE WEST	USA	2009
2:03.74	TIMOTHY CARLSON	USA	2009	8:23.06	ERIK HOCHSTEIN	USA	2003	1:02.57	RON KARNAUGH	USA	2002
2:04.01	ATTILA CZENE	SWE	2004	8:26.43	MIKE SHAFFER	USA	2000	1:02.62	NICK GILLINGHAM	GBR	2004
2:04.16	JOCHEN HANZ	GER	2008	8:27.96	IGOR PIOVESAN	ITA	2009	1:02.79	WALLY DICKS	USA	2000
2:05.45	MARCELO TOMAZINI	BRA	2009	8:28.37	RICHARD STANNARD	GBR	2009	1:03.28	RYUTARO MORITA	JPN	2010
2:05.59	HIROSHI MIURA	JPN	2000	8:29.31	BOBBY PATTEN	USA	1999	1:03.77	PER SVANBERG	SWE	2009
2:05.74	JACOB CARSTENSEN	DEN	2008	8:30.84	OLIVIER VAHE	FRA	2009	1:04.02	HIROYUKI KOSAKA	JPN	2011
400 M. I.M.				8:31.55	GARRY MEIKLEJOHN	JPN	2009	1:04.02	GERALD MORKEN	GER	1997
4:19.69	TAMAS KEREKJARTO	USA	2009	8:32.29	JUAN C VALLEJO	ESP	2000	1:04.11	TIMO NOLTE	GER	2008
4:22.35	ASUKA KOIZUMI	JPN	2009	8:33.28	SEBASTIAN WIESE	GER	2007	200 M. BRST			
4:26.74	ROQUE SANTOS	USA	1999	1500 M. FREE				2:15.64	STEVE WEST	USA	2011
4:27.02	JOCHEN HANZ	GER	2008	15:56.57	ALEX KOSTICH	USA	2009	2:16.49	NICK GILLINGHAM	GBR	2004
4:29.07	ALEX KOSTICH	USA	2000	15:58.20	BOBBY PATTEN	USA	1999	2:17.96	RON KARNAUGH	USA	2002
4:32.23	JEROME FRENTSOS	USA	1999	16:03.47	MIKE SHAFFER	USA	2000	2:18.62	HIROYUKI KOSAKA	JPN	2011
4:33.78	JULIEN BAILLOD	SUI	2011	16:05.94	RICHARD STANNARD	GBR	2009	2:18.68	V.KIRJANOV	LAT	2009
4:34.73	C.SORRENTINO	ITA	2007	16:07.85	FRED CLATWORTHY	GBR	2009	2:20.26	WALLY DICKS	USA	2000
4:35.97	BRUCE HAYES	USA	1994	16:11.68	IGOR PIOVESAN	ITA	2009	2:20.49	HAJIME MORIMOTO	JPN	2003
4:37.10	TOM RUSHTON	CAN	2010	16:12.88	ERIK HOCHSTEIN	USA	2003	2:20.91	RYUTARO MORITA	JPN	2010
*****				16:17.38	DANIEL SERRA	ESP	2007	2:20.99	ALBERTO MONTINI	ITA	2005
M E N 35-39				16:20.54	NICOLAS GRANGER	FRA	2006	2:21.36	SIMONE BATTISTON	ITA	2010
*****				16:24.14	OLIVIER VAHE	FRA	2008	50 M. FLY			
50 M. FREE				50 M. BACK				22.97	LIONEL BRAHIM	FRA	2010
21.53	MARK FOSTER	GBR	2007	25.72	EDILSON SILVA	USA	2009	23.64	ADAM PINE	AUS	2011
22.47	JOHN MIRANDA	SWE	2000	25.86	MICHAEL ROSS	USA	2004	23.72	LARS FROLANDER	SWE	2011
22.73	FELIPE DELGADO	USA	2009	26.10	C.SORRENTINO	ITA	2010	24.03	EIJI NOMURA	JPN	2010
22.86	JEROME LE COQ	FRA	2010	26.36	LEONARDO GOMES	BRA	2010	24.48	JAN KARLSSON	SWE	2003
22.96	STEPHANE MEYER	FRA	2009	26.58	KENTARO NAKAMURA	JPN	2010	24.89	MAKIO ENDO	JPN	2010
23.02	BRIAN JACOBSON	USA	2008	26.69	ANDRE CORDEIRO	BRA	2009	25.14	IGOR MARCHENKO	USA	2011
23.04	M.GIALDI	ITA	2004	26.72	JEFF WELECHUK	CAN	2009	25.17	MASATERU IKEDA	JPN	2010
23.12	JAN KARLSSON	SWE	2003	26.84	CLAY BRITT	USA	1996	25.23	STEPHANE MEYER	FRA	2009
23.14	ANDRE CORDEIRO	BRA	2009	26.86	HIDEAKI OGAWA	JPN	2011	25.23	BRIAN ALDERMAN	USA	2005
23.15	MAKIO ENDO	JPN	2009	26.87	RON KARNAUGH	USA	2002	100 M. FLY			
100 M. FREE				100 M. BACK				52.24	ADAM PINE	AUS	2011
49.53	JOHN MIRANDA	SWE	2000	55.95	MICHAEL ROSS	USA	2004	54.27	IGOR MARCHENKO	USA	2011
50.54	STEPHANE MEYER	FRA	2009	56.42	JEFF WELECHUK	CAN	2009	54.56	EIJI NOMURA	JPN	2010
50.72	MICHAEL PICOTTE	USA	2009	56.93	RON KARNAUGH	USA	2002	55.22	MASATERU IKEDA	JPN	2010
50.82	EIJI NOMURA	JPN	2010	57.14	DEREK GUFFEY	USA	2009	55.24	STEPHANE MEYER	FRA	2009
51.01	RON KARNAUGH	USA	2003	57.19	JEFF COMMINGS	USA	2009	55.85	JIM HARVEY	USA	2001
				57.60	KENTARO NAKAMURA	JPN	2010	56.08	TYLER BLESSING	USA	2009



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56.32	MICHAEL ROSS	USA	2004	52.07	KAI DITZEL	GER	2004	57.80	JEFF WELECHUK	CAN	2011
56.43	STEPHEN MAVIN	GBR	2011	52.07	CYRO DELGADO	BRA	2002	58.28	J CLAY BRITT	USA	2003
56.54	NORIFUMI CHIBA	JPN	2010	52.35	HENRIK JOHANSSON	SWE	2008	58.85	HIROYOSHI MAETOGE	JPN	2009
200 M. FLY				52.39	JOAKIM SJOHOLM	SWE	2004	59.06	HARALD MAISCH	GER	2011
2:03.31	EIJI NOMURA	JPN	2009	52.44	PAUL SMITH	USA	2001	59.21	Y.NAKAHARA	JPN	2010
2:03.76	FERNANDO ALAEZ	ESP	2011	52.73	JOCHEN BRUHA	GER	2009	59.26	WILLIAM SPECHT	USA	1998
2:04.50	BOBBY PATTEN	USA	1999	200 M. FREE				200 M. BACK			
2:05.84	MIKE SHAFFER	USA	2000	1:50.08	MICHAEL ROSS	USA	2008	2:03.84	MICHAEL ROSS	USA	2008
2:06.23	ERIK HOCHSTEIN	USA	2003	1:51.95	ERIK HOCHSTEIN	USA	2009	2:04.96	CHRIS STEVENSON	USA	2008
2:06.48	WILLIAM SPECHT	USA	1994	1:53.03	KAI DITZEL	GER	2004	2:06.66	MARK VOGEL	DEN	2010
2:06.65	UWE VOLK	GER	2009	1:54.62	ALBERTO MONTINI	ITA	2010	2:07.16	NICOLAS GRANGER	FRA	2010
2:06.87	TAIHEI SAKA	JPN	2003	1:55.11	F.SILVESTRI	ITA	2003	2:07.78	JEFF WELECHUK	CAN	2011
2:07.20	CHARLIE JOHNSON	USA	1999	1:55.42	PATRICK BRUNDAGE	USA	2009	2:08.22	Y.NAKAHARA	JPN	2010
2:07.22	ANDREA MARCATO	ITA	2009	1:55.88	DANIEL SERRA	ESP	2010	2:08.26	ERIC ERICSON	USA	2002
100 M. I.M.				1:56.06	CYRO DELGADO	BRA	2005	2:09.30	DEKE BOTSFORD	CAN	2010
56.37	C.SORRENTINO	ITA	2010	1:56.44	PAUL SMITH	USA	2001	2:09.61	WILLIAM SPECHT	USA	1998
56.94	RON KARNAUGH	USA	2003	1:56.49	MIKE SHAFFER	USA	2008	2:10.01	DAVID HOLDERBACH	FRA	2011
56.98	JEFF COMMINGS	USA	2009	400 M. FREE				50 M. BRST			
57.69	ISAMU TSUZUKI	JPN	2011	4:00.67	KAI DITZEL	GER	2004	28.76	ALBERTO MONTINI	ITA	2010
58.03	BRIAN JACOBSON	USA	2008	4:00.80	ALBERTO MONTINI	ITA	2009	28.85	WOLFGANG RABER	AUT	2010
58.18	DEREK GUFFEY	USA	2009	4:01.32	ERIK HOCHSTEIN	USA	2009	28.89	YOZO FUJII	JPN	2009
58.23	GO KUWATA	JPN	2010	4:04.69	NICOLAS GRANGER	FRA	2010	28.90	VLADIMIR BRAGIN	RUS	2011
58.36	MICHAEL ROSS	USA	2006	4:05.30	F.SILVESTRI	ITA	2003	29.02	ANDREA AGOSTINONE	ITA	2010
58.36	JIM HARVEY	USA	2001	4:06.30	PATRICK BRUNDAGE	USA	2009	29.08	HAROLD MATLA	NED	2009
58.40	HIROYUKI KOSAKA	JPN	2011	4:07.00	ALEJANDRO MORENO	MEX	2009	29.17	RICO ROLLI	ITA	2009
200 M. I.M.				4:07.46	MARK THOMPSON	AUS	2011	29.22	ROQUE SANTOS	USA	2009
2:03.29	RON KARNAUGH	USA	2002	4:07.63	MIKE SHAFFER	USA	2008	29.27	MAKOTO ONODERA	JPN	2009
2:04.89	DEREK GUFFEY	USA	2009	4:09.10	WILLIAM SPECHT	USA	1999	29.34	EITA TSUMURA	JPN	2010
2:06.39	HIROYUKI KOSAKA	JPN	2011	800 M. FREE				100 M. BRST			
2:07.06	JEFF COMMINGS	USA	2009	8:21.78	ALEX KOSTICH	USA	2011	1:02.42	ALBERTO MONTINI	ITA	2009
2:07.21	JIM HARVEY	USA	2001	8:25.08	ERIK HOCHSTEIN	USA	2009	1:02.95	WOLFGANG RABER	AUT	2010
2:07.31	UWE VOLK	GER	2009	8:28.16	ALEJANDRO MORENO	MEX	2009	1:03.08	VLADIMIR BRAGIN	RUS	2011
2:07.31	NICOLAS GRANGER	FRA	2004	8:28.23	DANIEL SERRA	ESP	2009	1:03.33	ROQUE SANTOS	USA	2009
2:07.60	PETER BERMEL	GER	2002	8:31.69	KAI DITZEL	GER	2005	1:03.36	YOZO FUJII	JPN	2010
2:07.82	ISAMU TSUZUKI	JPN	2011	8:31.86	MIKE SHAFFER	USA	2008	1:04.49	FABIO MARUSSIG	ITA	2010
2:08.21	EDWIN VAN NORDEN	NED	1999	8:33.16	F.SILVESTRI	ITA	2003	1:04.50	MAKOTO ONODERA	JPN	2010
400 M. I.M.				8:33.19	MICHAEL KLEIBER	GER	2003	1:04.53	RICO ROLLI	ITA	2009
4:24.36	RON KARNAUGH	USA	2003	8:34.79	MARK THOMPSON	AUS	2011	1:04.63	SHUJI AZUMA	JPN	2009
4:30.81	DEREK GUFFEY	USA	2009	8:36.66	NICOLAS GRANGER	FRA	2007	1:05.09	HAJIME MORIMOTO	JPN	2009
4:32.97	UWE VOLK	GER	2009	1500 M. FREE				200 M. BRST			
4:34.06	JEROME FRENTSOS	USA	2000	16:07.46	DANIEL SERRA	ESP	2009	2:15.95	ALBERTO MONTINI	ITA	2009
4:37.47	MARCEL RINZLER	USA	2006	16:09.32	MIKE SHAFFER	USA	2009	2:16.03	ROQUE SANTOS	USA	2009
4:37.73	ROMAIN MARTY	FRA	2009	16:22.21	DINO SCHORN	ITA	2009	2:20.19	HAJIME MORIMOTO	JPN	2010
4:38.40	IGOR PIOVESAN	ITA	2010	16:23.95	F.SILVESTRI	ITA	2003	2:21.12	VLADIMIR BRAGIN	RUS	2011
4:39.42	EDWIN VAN NORDEN	NED	1999	16:33.41	MARK THOMPSON	AUS	2011	2:24.17	YAMATO TAKAHASHI	JPN	2010
4:39.71	ISAMU TSUZUKI	JPN	2011	16:34.84	ALEX KOSTICH	USA	2010	2:24.57	UWE VOLK	GER	2010
4:39.97	DARIUSZ WOLNY	POL	1999	16:36.21	ERIK HOCHSTEIN	USA	2009	2:24.58	MAKOTO ONODERA	JPN	2010
*****				16:37.00	KAI DITZEL	GER	2005	2:25.23	SHUJI AZUMA	JPN	2008
*****				16:37.00	MICHAEL KLEIBER	GER	2003	2:25.58	RON SCHAFFER	USA	1997
M E N 40-44				16:42.00	GEORGE TIDMARSH	USA	2003	2:25.86	YOZO FUJII	JPN	2009
*****				50 M. BACK				50 M. FLY			
50 M. FREE				25.53	MICHAEL ROSS	USA	2009	24.91	MICHAEL ROSS	USA	2008
23.06	M.GIALDI	ITA	2010	26.56	CHRIS STEVENSON	USA	2008	25.13	HARTMUT BERNER	GER	2005
23.25	ERIK HOCHSTEIN	USA	2008	26.59	GIUSEPPE TIANO	ITA	2009	25.29	JAN KARLSSON	SWE	2009
23.45	MICHAEL ROSS	USA	2009	26.80	SHUJI AZUMA	JPN	2009	25.41	MIKE VAROZZA	USA	2009
23.68	R.ALVES SANTOS	BRA	2003	27.05	JEFF WELECHUK	CAN	2011	25.43	ROBERTO TARRICONE	ITA	2004
23.73	STEFAN OPATIL	AUT	2008	27.15	HARALD MAISCH	GER	2011	25.76	KAZUHIKO YAMAKAWA	JPN	2009
23.75	JOAKIM SJOHOLM	SWE	2003	27.21	HIROYOSHI MAETOGE	JPN	2009	25.80	DAVID WARREN	GBR	2011
23.76	HARALD MAISCH	GER	2011	27.25	MARTIN ZUBERO	USA	2011	25.84	STEVE HILTABIDDLE	USA	2007
23.83	METELLO SAVINO	ITA	2006	27.28	ERIC ERICSON	USA	2002	25.85	GABRIELE MAINI	ITA	2008
23.87	CYRO DELGADO	BRA	2005	27.44	JAN KARLSSON	SWE	2009	25.86	BARRY SARETSKY	CAN	2009
23.88	JAN KARLSSON	SWE	2008	27.44	J CLAY BRITT	USA	2001	100 M. FLY			
100 M. FREE				100 M. BACK				55.82	MICHAEL ROSS	USA	2008
50.43	MICHAEL ROSS	USA	2008	54.85	MICHAEL ROSS	USA	2008	56.18	WILLIAM SPECHT	USA	1998
50.45	ERIK HOCHSTEIN	USA	2009	55.90	CHRIS STEVENSON	USA	2008	56.50	JIM HARVEY	USA	2007
51.57	MIKE VAROZZA	USA	2009	57.66	ERIC ERICSON	USA	2002	56.62	MIKE VAROZZA	USA	2009
51.96	M.GIALDI	ITA	2010	57.73	GIUSEPPE TIANO	ITA	2009	56.62	HARTMUT BERNER	GER	2005



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56.64	ALBERTO MONTINI	ITA	2009	52.92	KAI DITZEL	GER	2008	58.75	FELIPE BARRETO	MEX	2009
56.73	ERIK HOCHSTEIN	USA	2009	52.93	DAVID SIMS	USA	2011	58.89	ANDERS RASMUSSEN	USA	2008
56.82	TAIHEI SAKA	JPN	2004	53.04	MARCO COLOMBO	ITA	2005	59.17	EDWIN VAN NORDEN	NED	2009
56.99	CHRIS STEVENSON	USA	2008	53.21	FRITZ BEDFORD	USA	2009	59.86	FRITZ BEDFORD	USA	2011
57.12	ANDREA TOJA	ITA	2009	53.61	BRENT BARNES	JPN	2005	59.91	JAY YARID	USA	2008
200 M. FLY				53.72	PIERRE BLANC	FRA	2011	1:00.09	FRITZ LEHMAN	USA	2003
2:02.97	WILLIAM SPECHT	USA	1998	53.76	DAVID BOATWRIGHT	USA	2006	1:00.16	STEVE WOOD	USA	2008
2:05.72	TOSHIYUKI IBE	JPN	2010	53.77	RICO ROLLI	ITA	2011	200 M. BACK			
2:06.06	UWE VOLK	GER	2010	200 M. FREE				2:05.54	CHRIS STEVENSON	USA	2009
2:06.48	DENNIS BAKER	USA	2005	1:54.73	KAI DITZEL	GER	2008	2:10.43	JAY YARID	USA	2008
2:07.03	MIKE SHAFFER	USA	2008	1:56.00	PAUL SMITH	USA	2007	2:11.22	TAIHEI SAKA	JPN	2009
2:08.46	JAMES BELARDI	USA	1997	1:56.26	MARCUS MATTIOLI	BRA	2009	2:12.10	WIESLAW MUSIAL	CAN	2003
2:09.08	ALBERTO MONTINI	ITA	2008	1:56.62	KEITH SWITZER	USA	2009	2:12.47	ROSS DAVIS	USA	2011
2:09.09	HESS YNTEMA	USA	1995	1:56.93	MARCO COLOMBO	ITA	2008	2:12.87	EDWIN VAN NORDEN	NED	2008
2:09.52	DAVID WARREN	GBR	2011	1:57.64	MARK REYNOLDS	GBR	2009	2:13.09	LEN GUSHE	CAN	2008
2:10.99	CHRIS STEVENSON	USA	2008	1:58.58	ROSS DAVIS	USA	2011	2:13.36	FRITZ LEHMAN	USA	2003
100 M. I.M.				1:59.04	FRANCESC COLL	ESP	2009	2:13.42	DJAN MADRUGA	BRA	2005
57.39	ALBERTO MONTINI	ITA	2010	1:59.25	PETER MCKINNON	CAN	2009	2:14.74	N.LECHEVALIER	FRA	2011
57.71	MICHAEL ROSS	USA	2008	1:59.53	JIM SORENSEN	USA	2007	50 M. BRST			
58.94	ROQUE SANTOS	USA	2008	400 M. FREE				28.87	RICO ROLLI	ITA	2010
58.98	ERIK HOCHSTEIN	USA	2008	4:05.90	KAI DITZEL	GER	2008	29.85	CHRIS WEISSMAN	USA	2009
59.25	KAZUHIKO YAMAKAWA	JPN	2010	4:08.93	MARCUS MATTIOLI	BRA	2005	30.06	WALLY DICKS	USA	2009
59.25	SHUJI AZUMA	JPN	2009	4:09.19	KEITH SWITZER	USA	2009	30.13	GLEN CHRISTIANSEN	SWE	2002
59.57	ROBERTO TARRICONE	ITA	2003	4:11.02	MARCO COLOMBO	ITA	2007	30.21	DAVID GUTHRIE	USA	2008
59.66	PETER BERMEL	GER	2007	4:13.42	LUDEK BURIAN	CZE	2009	30.25	GLENN MILLS	USA	2008
59.78	JIM HARVEY	USA	2007	4:14.73	JIM MCCONICA	USA	1999	30.26	FABIO SERVADIO	ITA	2009
59.82	UWE VOLK	GER	2011	4:14.96	MIKE SHAFFER	USA	2011	30.38	KAZUhide MINAKAWA	JPN	2010
200 M. I.M.				4:15.06	MICHAEL SCHMIDT	USA	2008	30.43	NEWTON KAMINSKI	BRA	2010
2:05.46	ROQUE SANTOS	USA	2009	4:15.62	B.BORDONALI	ITA	2007	30.47	M.WILLIAMSON	CAN	2009
2:06.97	NICOLAS GRANGER	FRA	2010	4:16.68	MICHAEL PRUFERT	GER	2009	100 M. BRST			
2:07.71	ERIK HOCHSTEIN	USA	2008	800 M. FREE				1:04.62	RICO ROLLI	ITA	2011
2:07.88	UWE VOLK	GER	2010	8:39.84	MICHAEL PRUFERT	GER	2009	1:04.69	CHRIS WEISSMAN	USA	2009
2:07.96	PETER BERMEL	GER	2007	8:42.76	KAI DITZEL	GER	2008	1:05.48	DAVID GUTHRIE	USA	2009
2:08.13	ALBERTO MONTINI	ITA	2009	8:42.85	KEITH SWITZER	USA	2010	1:05.74	GLENN MILLS	USA	2008
2:09.46	LORENZO BENUCCI	USA	2008	8:43.45	RICARDO VALDIVIA	USA	2009	1:06.32	NEWTON KAMINSKI	BRA	2010
2:09.77	DAVID WARREN	GBR	2011	8:46.79	MICHAEL KLEIBER	GER	2008	1:06.48	GLEN CHRISTIANSEN	SWE	2004
2:11.26	Y.NAKAHARA	JPN	2010	8:49.03	MICHAEL SCHMIDT	USA	2008	1:06.88	FABIO SERVADIO	ITA	2009
2:11.64	JEFF WELECHUK	CAN	2011	8:50.30	MARCO COLOMBO	ITA	2008	1:07.22	THOMAS LIGL	GER	2009
400 M. I.M.				8:52.40	GERRY RODRIGUES	USA	2007	1:07.26	TADASHI FUJIMOTO	JPN	2010
4:31.92	UWE VOLK	GER	2011	8:52.62	B.BORDONALI	ITA	2008	1:07.52	SHINJI NATORI	JPN	2011
4:32.05	ROQUE SANTOS	USA	2008	8:52.84	DAVID SIMS	USA	2009	200 M. BRST			
4:33.90	ALBERTO MONTINI	ITA	2009	1500 M. FREE				2:22.68	GLENN MILLS	USA	2008
4:35.15	ERIK HOCHSTEIN	USA	2008	16:28.63	MICHAEL KLEIBER	GER	2008	2:23.74	DAVID GUTHRIE	USA	2009
4:35.57	NICOLAS GRANGER	FRA	2007	16:37.25	KEITH SWITZER	USA	2011	2:25.62	RICO ROLLI	ITA	2011
4:37.02	DARIUSZ WOLNY	POL	2000	16:43.02	MARCUS MATTIOLI	BRA	2006	2:27.76	NEWTON KAMINSKI	BRA	2010
4:39.78	PATRICK BRUNDAGE	USA	2008	16:51.21	JIM MCCONICA	USA	1999	2:28.37	THOMAS LIGL	GER	2009
4:43.28	HESS YNTEMA	USA	1995	16:52.13	B.BORDONALI	ITA	2007	2:28.74	J.MELLADO	FRA	2009
4:44.06	LORENZO BENUCCI	USA	2007	16:52.24	MIKE SHAFFER	USA	2010	2:29.71	EDWIN VAN NORDEN	NED	2009
4:44.38	DENNIS BAKER	USA	2005	16:54.69	GERRY RODRIGUES	USA	2008	2:29.89	CHRIS WEISSMAN	USA	2007
*****				16:56.31	MARK DRENNEN	USA	2004	2:30.90	YASUO NARUSHIMA	JPN	2010
M E N 45-49				16:58.05	ROBERT BARKER	GBR	2008	2:31.41	GREGORY OXLEY	USA	2003
*****				17:00.23	JIMMY FURRER	SUI	2004	50 M. FLY			
50 M. FREE				50 M. BACK				25.74	FRITZ BEDFORD	USA	2009
23.80	FRITZ BEDFORD	USA	2009	27.02	CHRIS STEVENSON	USA	2009	25.78	CHRIS STEVENSON	USA	2009
23.88	METELLO SAVINO	ITA	2009	27.08	HIROYOSHI MAETOGE	JPN	2010	25.82	PAUL SMITH	USA	2007
24.00	JOAKIM SJOHOLM	SWE	2008	27.20	ANDERS RASMUSSEN	USA	2008	25.84	PAUL CARTER	USA	2003
24.02	BRENT BARNES	JPN	2006	27.24	J CLAY BRITT	USA	2006	25.96	STEVE HILTABIDDLE	USA	2011
24.09	DAVID SIMS	USA	2011	27.35	FRITZ BEDFORD	USA	2009	25.99	ANDERS RASMUSSEN	USA	2008
24.09	V.GALAVTINE	RUS	1998	27.45	CRAIG NORREY	GBR	2009	26.08	METELLO SAVINO	ITA	2009
24.12	MARK REYNOLDS	GBR	2009	27.97	MARCO COLOMBO	ITA	2009	26.40	CRAIG NORREY	GBR	2009
24.18	ANDERS RASMUSSEN	USA	2008	27.99	STEVE WOOD	USA	2005	26.42	RICO ROLLI	ITA	2011
24.21	ANDREA NICOLAO	ITA	2009	28.19	HIROSHI SHIBUYA	JPN	2009	26.45	DAVID SIMS	USA	2011
24.23	DMITRI KHODKO	RUS	2006	28.32	JAY YARID	USA	2008	100 M. FLY			
100 M. FREE				100 M. BACK				57.17	PAUL CARTER	USA	2003
52.54	PAUL SMITH	USA	2007	57.00	CHRIS STEVENSON	USA	2009	57.37	CHRIS STEVENSON	USA	2010
52.90	MARK REYNOLDS	GBR	2009	58.20	HIROYOSHI MAETOGE	JPN	2010	58.02	PAUL SMITH	USA	2007
				58.48	J CLAY BRITT	USA	2006	58.03	ANDERS RASMUSSEN	USA	2009



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58.10	WILLIAM SPECHT	USA	2004	53.87	BOB BUGG	USA	2009	1:01.48	TOM WOLF	USA	2004
58.29	MARCEL EKKELBOOM	GER	2009	54.29	BRENT BARNES	JPN	2009	1:01.86	WIESLAW MUSIAL	CAN	2009
58.35	DENNIS BAKER	USA	2006	54.40	RICHARD KAMMERER	USA	2009	1:01.89	MARIO LLORET	ESP	2009
58.60	WILLIAM SEGAL	USA	2009	54.61	PAUL TREVISAN	USA	2003	1:01.90	CRAIG NORREY	SUI	2011
58.65	ANDREA TOJA	ITA	2011	54.73	DMITRI KHODKO	SWE	2009	1:01.92	GIANNI BERTOLI	ITA	2009
58.70	STEVE HILTABIDDLE	USA	2011	55.35	JACK GROSELLE	USA	2007	1:01.99	CLAY BRITT	USA	2011
200 M. FLY				55.37	LEE MENCH	USA	2003	1:02.39	V.GALAVTINE	FRA	2004
2:06.40	DENNIS BAKER	USA	2006	55.51	LARRY KRAUSER	USA	2003	1:02.40	HIROSHI SHIBUYA	JPN	2010
2:09.06	WILLIAM SPECHT	USA	2003	55.55	LARRY FORSYTH	AUS	2010	200 M. BACK			
2:09.58	MARCUS MATTIOLI	BRA	2006	200 M. FREE				2:11.84	JAMIE FOWLER	USA	2009
2:09.65	CHRIS STEVENSON	USA	2009	1:54.61	AMBROSE GAINES	USA	2011	2:13.05	WIESLAW MUSIAL	CAN	2009
2:10.33	MIKE SHAFFER	USA	2011	1:56.75	BOB BUGG	USA	2009	2:14.03	TOM WOLF	USA	2004
2:10.95	TAIHEI SAKA	JPN	2011	1:58.37	JIM MCCONICA	USA	2000	2:15.10	SCOTT SHAKE	USA	2008
2:11.66	KAI DITZEL	GER	2008	2:00.31	PAUL SMITH	USA	2009	2:16.60	GIANNI BERTOLI	ITA	2009
2:13.29	MICHAEL SCHMIDT	USA	2008	2:03.10	LARRY KRAUSER	USA	2003	2:20.01	PHILIPP DJANG	USA	2005
2:13.53	M.CACCIAMANI	ITA	2011	2:03.34	RICHARD KAMMERER	USA	2009	2:20.42	R TOD SPIEKER	USA	1999
2:14.85	DAMIANO NANETTI	ITA	2007	2:03.65	IVAR SISNIEGA	MEX	2009	2:20.86	JIM MC CONICA	USA	2002
100 M. I.M.				2:03.74	JACK GROSELLE	USA	2007	2:22.00	DAVE TOWN	CAN	2011
1:00.13	EDWIN VAN NORDEN	NED	2009	2:03.80	LEE MENCH	USA	2003	2:22.12	MIKE MCINTYRE	CAN	2004
1:00.14	ANDERS RASMUSSEN	USA	2009	2:03.94	MARK DRENNEN	USA	2006	50 M. BRST			
1:00.29	MARCO COLOMBO	ITA	2006	400 M. FREE				30.73	DAVID GUTHRIE	USA	2010
1:00.44	JEROME FRENTSOS	USA	2010	4:07.99	JIM MCCONICA	USA	2000	30.91	GLEN CHRISTIANSEN	SWE	2009
1:00.46	ALEX BAUMANN	CAN	2009	4:12.12	BOB BUGG	USA	2009	31.06	RONNY OLTNER	SWE	2007
1:00.49	JOSEF HLADKY	GER	2008	4:13.01	MARCUS MATTIOLI	BRA	2011	31.08	BENN DOYLE	USA	2008
1:00.57	RICHARD HUGHEY	USA	2008	4:17.25	ANDREW BRAY	USA	2011	31.10	GARY PATTERSON	USA	2009
1:00.66	CLAY BRITT	USA	2006	4:18.96	MARK DRENNEN	USA	2006	31.14	ANDREA FLORIT	ITA	2010
1:00.84	PAUL SMITH	USA	2007	4:21.85	FRANCIS CHRISTIAN	AUS	2008	31.22	MARK SCHREMMER	USA	2009
1:01.30	J.MELLADO	FRA	2009	4:26.37	LARRY KRAUSER	USA	2003	31.24	DON MC KENZIE	USA	1997
200 M. I.M.				4:26.48	ERIC EMINENTE	FRA	2009	31.34	OLIVIER BORIOS	FRA	2009
2:09.71	JEROME FRENTSOS	USA	2010	4:27.55	JIM CLEMMONS	USA	2002	31.54	DAVID BRYANT	GBR	2011
2:10.49	TAIHEI SAKA	JPN	2009	4:28.02	GRAHAM WELBOURN	CAN	2011	100 M. BRST			
2:11.28	ANDERS RASMUSSEN	USA	2009	800 M. FREE				1:06.84	DAVID GUTHRIE	USA	2010
2:11.92	EDWIN VAN NORDEN	NED	2009	8:44.51	JIM MCCONICA	USA	2000	1:08.27	BENN DOYLE	USA	2008
2:12.01	ALEX BAUMANN	CAN	2009	8:49.96	ANDREW BRAY	USA	2011	1:08.56	GLEN CHRISTIANSEN	SWE	2009
2:13.42	GLENN MILLS	USA	2008	8:53.48	MARK DRENNEN	USA	2006	1:08.95	GARY PATTERSON	USA	2009
2:14.17	CHRIS WEISSMAN	USA	2009	9:04.68	FRANCIS CHRISTIAN	AUS	2008	1:08.97	RONNY OLTNER	SWE	2007
2:14.68	ROSS DAVIS	USA	2011	9:11.92	JIM CLEMMONS	USA	2002	1:09.40	G.HOFFMANN	USA	2009
2:15.31	MARCO COLOMBO	ITA	2007	9:12.81	R TOD SPIEKER	USA	1998	1:09.88	TIMOTHY SHEAD	RSA	2002
2:15.39	DAVE TOWN	CAN	2008	9:15.18	SERGE GUERIN	FRA	2009	1:09.96	ROBERT STRAND	USA	1996
400 M. I.M.				9:15.50	SCOTT SHAKE	USA	2008	1:10.02	MARK SCHREMMER	USA	2009
4:42.15	TAIHEI SAKA	JPN	2009	9:15.65	IVAR SISNIEGA	MEX	2009	1:10.04	DOUG VANDERBY	CAN	2009
4:43.64	JEROME FRENTSOS	USA	2010	9:17.45	SIMON VEALE	GBR	2006	200 M. BRST			
4:44.28	MARCUS MATTIOLI	BRA	2009	1500 M. FREE				2:28.59	DAVID GUTHRIE	USA	2010
4:46.68	CHRIS STEVENSON	USA	2009	16:33.02	JIM MCCONICA	USA	2000	2:32.06	LINCOLN DJANG	USA	2009
4:48.12	MICHAEL SCHMIDT	USA	2008	16:52.78	ANDREW BRAY	USA	2011	2:32.78	BENN DOYLE	USA	2008
4:48.17	LEN GUSHE	CAN	2008	17:03.45	MARCUS MATTIOLI	BRA	2011	2:33.38	G.HOFFMANN	USA	2009
4:48.75	A.TIBERTI	ITA	2008	17:14.75	MARK DRENNEN	USA	2007	2:33.71	LORENZO MARUGO	ITA	2004
4:48.97	LINCOLN DJANG	USA	2004	17:32.20	JIM CLEMMONS	USA	2001	2:34.71	ROBERT STRAND	USA	1996
4:52.73	GLENN MILLS	USA	2009	17:33.73	FRANCIS CHRISTIAN	AUS	2008	2:35.00	GLEN CHRISTIANSEN	SWE	2011
4:53.43	A.LAVEGLIA	ITA	2011	17:34.08	SIMON VEALE	GBR	2007	2:35.86	THOMAS LIGL	GER	2011
*****				17:36.51	R TOD SPIEKER	USA	1999	2:35.88	TOM REUDY	USA	2006
M E N 50-54				17:43.00	B.BORDONALI	ITA	2011	2:36.14	PATRICK ALLENDER	USA	2008
*****				17:48.71	LARRY KRAUSER	USA	2003	50 M. FLY			
50 M. FREE				50 M. BACK				25.49	DAN THOMPSON	CAN	2009
23.38	AMBROSE GAINES	USA	2009	27.66	CRAIG NORREY	SUI	2011	26.12	PAUL CARTER	USA	2007
23.96	BRENT BARNES	JPN	2010	27.71	STEVE WOOD	USA	2011	26.20	PAUL SMITH	USA	2009
24.26	PAUL TREVISAN	USA	2003	28.37	JAMIE FOWLER	USA	2009	26.45	WILLIAM SPECHT	USA	2009
24.74	DMITRI KHODKO	SWE	2009	28.40	MARCO COLOMBO	ITA	2010	26.78	FRIITZ HOMANS	USA	2008
24.74	V.GALAVTINE	FRA	2003	28.67	HIROSHI SHIBUYA	JPN	2010	26.79	GREG SHAW	USA	2003
24.77	PAUL SMITH	USA	2009	28.69	GIANNI BERTOLI	ITA	2010	26.94	ISAMU SHIBAZAKI	JPN	2010
24.80	DAN THOMPSON	CAN	2009	28.75	CLAY BRITT	USA	2011	26.96	MARIO LLORET	ESP	2009
24.86	PHILIPPE MORELLE	BEL	2006	28.85	MARIO LLORET	ESP	2009	26.97	HUGO BREGMAN	NED	2009
24.87	RICHARD KAMMERER	USA	2009	28.96	V.GALAVTINE	FRA	2004	27.04	DONALD GRAHAM	USA	2006
25.00	LARRY KRAUSER	USA	2003	29.00	DARIO BERTAZZOLI	ITA	2011	100 M. FLY			
100 M. FREE				100 M. BACK				57.29	PAUL CARTER	USA	2007
51.61	AMBROSE GAINES	USA	2009	59.92	STEVE WOOD	USA	2011	58.76	MARIO LLORET	ESP	2009
				1:00.38	JAMIE FOWLER	USA	2009	59.25	WILLIAM SPECHT	USA	2009



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59.39	DAN THOMPSON	CAN	2009	54.50	JACK GROSELLE	USA	2009	1:03.75	PHILIPP DJANG	USA	2009
59.91	HUGO BREGMAN	NED	2008	55.12	PAUL TREVISAN	USA	2006	1:04.89	TIM BIRNIE	USA	2000
1:00.08	JOHN MCCALL	USA	2003	56.29	CHARLES LEMAISTRE	USA	2009	1:05.53	JIM ADAMS	IRL	2007
1:00.27	FRITZ HOMANS	USA	2008	56.51	RICH ABRAHAMS	USA	2001	1:05.56	HUGH WILDER	USA	2002
1:00.32	GREG SHAW	USA	2005	56.74	STEVE BOROWSKI	USA	2002	1:06.05	WES EDWARDS	USA	2008
1:00.82	JOHN VAN BUUREN	CAN	2005	57.19	RICK ABBOTT	USA	2010	1:06.78	TIMOTHY SHEAD	USA	2009
1:00.99	BOB BUGG	USA	2009	57.28	PHIL DODSON	USA	2009	1:06.94	ALISTAIR COCKBURN	USA	2008
200 M. FLY				57.30	S.D'ALESSANDRO	ITA	1995	1:07.09	TOM WOLF	USA	2009
2:12.34	MARCUS MATTIOLI	BRA	2011	57.41	BARRY ROTH	USA	2009	1:07.13	GREG SHAW	USA	2009
2:12.41	DENNIS BAKER	USA	2011	57.52	MIKE TENNANT	USA	2008	200 M. BACK			
2:12.54	WILLIAM SPECHT	USA	2009	200 M. FREE				2:17.04	TOM BARTON	USA	2011
2:12.90	HUGO BREGMAN	NED	2010	1:59.08	MICHAEL MANN	USA	2009	2:19.42	PHILIPP DJANG	USA	2009
2:18.02	SCOTT LAUTMAN	USA	2004	2:03.40	S.D'ALESSANDRO	ITA	1995	2:20.59	JAMES MCCONICA	USA	2005
2:18.88	JOHN CRAIG	USA	2004	2:03.56	JACK GROSELLE	USA	2009	2:21.80	TOD SPIEKER	USA	2003
2:19.51	FRANCIS CHRISTIAN	AUS	2007	2:03.64	JAMES MCCONICA	USA	2005	2:22.25	JIM ADAMS	NED	2006
2:20.26	GREG SHAW	USA	2003	2:06.20	TOD SPIEKER	USA	2003	2:24.72	TIM BIRNIE	USA	2000
2:20.86	JIM OCONNOR	USA	2003	2:06.83	PHIL DODSON	USA	2009	2:25.81	FRED FERROGGIARO	USA	2008
2:21.58	BOO GRANER GALLAS	USA	1997	2:06.94	TIM BIRNIE	USA	2000	2:26.41	ROBERT SUPPLE	USA	2010
100 M. I.M.				2:07.78	JIM CLEMMONS	USA	2008	2:26.54	MIKE MCINTYRE	CAN	2011
1:01.29	JAMIE FOWLER	USA	2009	2:08.21	STEVEN PRESCOTT	NZL	2009	2:26.64	JOHN CALVERT	USA	2000
1:01.54	PAUL SMITH	USA	2009	2:08.28	J.CHATARD	FRA	2006	50 M. BRST			
1:02.27	MARIO LLORET	ESP	2009	400 M. FREE				30.50	WALTER KUSCH	GER	2009
1:02.51	KEN SHILLING	USA	2008	4:16.03	MICHAEL MANN	USA	2009	31.82	TIMOTHY SHEAD	USA	2009
1:02.75	DMITRI KHODKO	SWE	2009	4:24.92	JIM MCCONICA	USA	2006	32.06	G.HOFFMANN	USA	2011
1:02.82	DAVE TOWN	CAN	2011	4:28.73	TOD SPIEKER	USA	2003	32.17	STUART ELLICOTT	AUS	2009
1:03.14	STEVE WOOD	USA	2011	4:28.97	J.CHATARD	FRA	2006	32.18	ROBERT STRAND	USA	2001
1:03.21	ANDREA FLORIT	ITA	2010	4:31.95	STEVEN PRESCOTT	NZL	2009	32.44	ALEXANDER MILLS	NOR	2006
1:03.54	TIMOTHY SHEAD	RSA	2002	4:32.83	TIM BIRNIE	USA	2000	32.79	MARCO STENTELLA	ITA	2010
1:03.57	TOM WOLF	USA	2004	4:32.85	LARRY WOOD	USA	2009	32.86	RONNY OLTNER	SWE	2011
200 M. I.M.				4:33.31	SERGE GUERIN	FRA	2011	33.03	C.STARZEC	FRA	2005
2:13.40	JAMIE FOWLER	USA	2009	4:35.22	JIM CLEMMONS	USA	2008	33.04	RALPH SCHALLON	SUI	2009
2:14.53	KEN SHILLING	USA	2008	4:36.29	DAVE DICKSON	CAN	2009	100 M. BRST			
2:16.73	MARCUS MATTIOLI	BRA	2011	800 M. FREE				1:08.13	WALTER KUSCH	GER	2009
2:17.07	DAVE TOWN	CAN	2011	8:51.34	MICHAEL MANN	USA	2009	1:09.93	TIMOTHY SHEAD	USA	2009
2:17.48	PAUL CARTER	USA	2007	9:03.00	JIM MCCONICA	USA	2006	1:10.56	G.HOFFMANN	USA	2011
2:18.68	SIMON VEALE	GBR	2006	9:07.40	G.SCARAMEL	ITA	2008	1:11.53	ROBERT STRAND	USA	2001
2:18.71	SCOTT SHAKE	USA	2008	9:13.15	TOD SPIEKER	USA	2003	1:12.01	RALPH SCHALLON	SUI	2009
2:19.27	TOM WOLF	USA	2004	9:25.93	JIM CLEMMONS	USA	2008	1:12.54	MICHAEL MANN	USA	2009
2:19.63	TOM REUDY	USA	2006	9:26.04	R SCOTT TOWNSEND	USA	2009	1:12.59	HIROFUMI MORIMOTO	JPN	2010
2:20.18	DAVID JACOBSON	USA	2010	9:27.18	SERGE GUERIN	FRA	2011	1:12.67	ROBERT WEYHENKE	NED	2008
400 M. I.M.				9:30.05	JOEL KRIGER	BRA	2009	1:13.41	CELSO JUGEND	BRA	2009
4:48.02	MARCUS MATTIOLI	BRA	2011	9:32.94	D.UIJTENBOGAART	NED	2002	1:13.46	RONNY OLTNER	SWE	2011
4:51.57	JAMIE FOWLER	USA	2009	9:33.00	STEVEN PRESCOTT	NZL	2009	200 M. BRST			
4:55.50	LINCOLN DJANG	USA	2009	1500 M. FREE				2:33.79	TIMOTHY SHEAD	USA	2009
4:57.52	LORENZO MARUGO	ITA	2004	17:14.15	JAMES MCCONICA	USA	2005	2:35.75	G.HOFFMANN	USA	2011
4:58.05	DAVE TOWN	CAN	2011	17:35.21	TOD SPIEKER	USA	2003	2:36.90	RALPH SCHALLON	SUI	2009
4:58.93	JIM MC CONICA	USA	2001	17:56.15	J.CHATARD	FRA	2006	2:38.76	ROBERT STRAND	USA	2001
4:58.99	HUGO BREGMAN	NED	2009	17:58.95	STEVEN PRESCOTT	NZL	2009	2:40.52	ROBERT WEYHENKE	NED	2007
4:59.39	MARK DRENNEN	USA	2006	18:02.40	JIM CLEMMONS	USA	2005	2:42.07	HIROFUMI MORIMOTO	JPN	2010
5:02.97	DAVID JACOBSON	USA	2010	18:13.36	LARRY WOOD	USA	2009	2:42.58	JIM CLEMMONS	USA	2008
5:03.99	TOM REUDY	USA	2006	18:14.38	WILLIAM PENN	USA	2009	2:42.63	PETER KAUCH	GER	2011
				18:22.06	RICK WALKER	USA	2009	2:43.25	HIROKAZU AOYAMA	JPN	2009
*****				18:27.16	D.UIJTENBOGAART	NED	2002	2:44.17	TAKEO HIRAMOTO	JPN	2007
M E N 55-59				18:30.71	LARRY KRAUSER	USA	2010	50 M. FLY			
*****				50 M. BACK				26.64	DAN THOMPSON	CAN	2011
50 M. FREE				29.07	PHILIPP DJANG	USA	2009	26.93	GREG SHAW	USA	2009
24.70	PAUL TREVISAN	USA	2006	29.25	TOM BARTON	USA	2011	27.21	STEVE BOROWSKI	USA	2002
24.91	JACK GROSELLE	USA	2009	29.41	ALISTAIR COCKBURN	USA	2008	27.58	KEVIN MCCORMACK	USA	2008
25.00	RICH ABRAHAMS	USA	2001	30.15	CASEY CLAFLIN	USA	2008	27.74	RICH ABRAHAMS	USA	2001
25.38	MIKE TENNANT	USA	2009	30.21	TAKEO HIRAMOTO	JPN	2009	27.76	DONALD GRAHAM	USA	2009
25.42	BARRY ROTH	USA	2009	30.25	HUGH WILDER	USA	2003	27.94	JEAN-MARIE CADIAT	BEL	2009
25.55	STEVE BOROWSKI	USA	2002	30.33	MIKE MCINTYRE	CAN	2011	28.14	TIMOTHY SHEAD	USA	2009
25.58	MICHAEL MANN	USA	2009	30.35	ROBERT SMITH	USA	1999	28.19	LEONARD BIELICZ	SWE	2006
25.69	GARY SCHATZ	USA	2011	30.40	GEOFF MYKLEBY	USA	2009	28.24	DAVE WILKIN	CAN	2007
25.73	ALEXANDER MILLS	GBR	2006	30.40	TIM BIRNIE	USA	2000	100 M. FLY			
25.76	CHARLES LEMAISTRE	USA	2009	100 M. BACK				59.82	DAN THOMPSON	CAN	2011
100 M. FREE				1:03.29	TOM BARTON	USA	2011	1:00.35	GREG SHAW	USA	2006



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1:02.13 STEVEN WALL	GBR 2009	100 M. FREE		1:07.31 HUGH WILDER	USA 2009
1:02.74 KEVIN MCCORMACK	USA 2009	56.63 RICH ABRAHAMS	USA 2008	1:08.85 RICHARD BURNS	USA 2003
1:02.74 STEVE BOROWSKI	USA 2002	57.68 PAUL TREVISAN	USA 2011	1:09.20 PETER O'BRIEN	CAN 2009
1:03.08 JOHN CRAIG	USA 2009	58.87 BRYAN BATEMAN	USA 2008	1:09.20 ROBERT SMITH	USA 2004
1:03.23 JEAN-MARIE CADIAT	BEL 2009	59.47 LEONARD BIELICZ	SWE 2011	1:09.72 PETER O'KEEFFE	USA 2010
1:03.51 LEONARD BIELICZ	SWE 2006	59.74 TERRY DOWNES	RSA 2009	1:10.28 GEORGE SCHMIDT	USA 2010
1:03.72 SHIGEO ASANO	JPN 2004	59.76 GLENN GRUBER	USA 2009	1:11.07 BRYAN BATEMAN	USA 2008
1:03.75 BRAD HORNER	USA 2010	59.79 GERHARD SCHILLER	GER 2009	1:11.66 STEVE HECK	USA 2009
200 M. FLY		59.83 STEVE HECK	USA 2009	1:12.06 GARY CHASE	USA 2002
2:19.72 JOHN CRAIG	USA 2009	59.90 DAVID QUIGGIN	USA 2004	1:12.22 TAKEO HIRAMOTO	JPN 2011
2:21.90 GREG SHAW	USA 2007	1:00.09 FRED SCHLICHER	USA 2008	200 M. BACK	
2:22.13 JAMES MCCONICA	USA 2005	200 M. FREE		2:29.60 JIM MC CONICA	USA 2010
2:22.73 FRED SCHLICHER	USA 2003	2:09.50 JIM MC CONICA	USA 2010	2:30.96 JOHN CALVERT	USA 2005
2:25.95 SCOTT LAUTMAN	USA 2008	2:10.04 FRED SCHLICHER	USA 2008	2:34.17 RICHARD BURNS	USA 2003
2:26.26 DAVID VANDAM	USA 2010	2:11.78 DUNCAN MCCREADIE	GBR 2006	2:34.71 HUGH WILDER	USA 2007
2:28.52 ROBERT POILETMAN	USA 2001	2:12.14 BERT VOSBERGEN	AUS 2008	2:35.01 GEORGE SCHMIDT	USA 2010
2:29.77 THOMAS BLISS	USA 2009	2:12.18 JOHN CALVERT	USA 2005	2:36.72 PETER O'KEEFFE	USA 2010
2:30.57 PHIL DODSON	USA 2009	2:13.49 TIM BRODERICK	USA 2011	2:36.88 EDWARD CAZALET	USA 2003
2:31.04 TAKEO HIRAMOTO	JPN 2006	2:14.14 STEVE HECK	USA 2009	2:37.11 DON MCINTOSH	USA 2003
100 M. I.M.		2:14.22 RICH ABRAHAMS	USA 2006	2:37.13 STEVE HECK	USA 2010
1:03.48 TIMOTHY SHEAD	USA 2009	2:14.66 GLENN GRUBER	USA 2009	2:37.23 JOSEF CSIKANY	HUN 2005
1:03.69 GREG SHAW	USA 2008	2:14.95 JIM CLEMMONS	USA 2010	50 M. BRST	
1:04.34 ROBERT WEYHENKE	NED 2007	400 M. FREE		32.31 ROBERT STRAND	USA 2009
1:05.51 CHARLES LEMAISTRE	USA 2009	4:37.74 JIM MC CONICA	USA 2010	33.64 YOSHIHIKO OSAKI	JPN 2000
1:05.76 PHILIPP DJANG	USA 2009	4:40.45 DUNCAN MCCREADIE	GBR 2006	33.71 PETER ANDERSEN	USA 2003
1:06.09 ALISTAIR COCKBURN	USA 2008	4:42.39 JIM CLEMMONS	USA 2010	33.80 TOSHIHARU FUJII	JPN 2011
1:06.13 ALEXANDER MILLS	NOR 2006	4:43.69 JOHN CALVERT	USA 2005	33.99 ALLEN STARK	USA 2010
1:06.29 GEORGE SCHMIDT	USA 2008	4:47.16 JEAN LESTIDEAU	FRA 2007	34.08 C.STARZEC	FRA 2011
1:06.41 JACK GROSELLE	USA 2010	4:47.93 SANDY GALLETTY	GBR 2002	34.24 GERSHON SHEFA	ISR 2003
1:06.45 DANIEL ROGACKI	USA 2002	4:47.98 RICK WALKER	USA 2011	34.40 DIETER HOFEL	GER 2009
200 M. I.M.		4:48.74 ALAN BELL	USA 2010	34.41 HIROSHI KOTEGAWA	JPN 1996
2:16.44 MICHAEL MANN	USA 2009	4:48.76 JAMES MCCLEERY	USA 2009	34.54 AKIO SUGIYAMA	JPN 1995
2:21.05 GREG SHAW	USA 2006	4:49.57 GLENN GRUBER	USA 2009	100 M. BRST	
2:23.49 ROBERT WEYHENKE	NED 2007	800 M. FREE		1:11.77 RICK COLELLA	USA 2011
2:23.60 PHILIPP DJANG	USA 2009	9:31.23 JIM MC CONICA	USA 2011	1:12.09 ROBERT STRAND	USA 2009
2:24.64 TIM SHEAD	RSA 2007	9:43.24 JIM CLEMMONS	USA 2010	1:13.55 TOSHIHARU FUJII	JPN 2010
2:24.85 G.HOFFMANN	USA 2011	9:43.83 DUNCAN MCCREADIE	GBR 2005	1:15.00 ALLEN STARK	USA 2009
2:25.63 JIM CLEMMONS	USA 2008	9:51.72 SANDY GALLETTY	GBR 2002	1:15.92 ALBERT KOSTITSIN	FIN 2002
2:26.70 JAMES MCCONICA	USA 2005	9:53.30 GEORGE WENDT	USA 2009	1:16.04 C.STARZEC	FRA 2010
2:27.19 JOHN CALVERT	USA 2000	9:56.38 RICK WALKER	USA 2010	1:16.56 PETER ANDERSEN	USA 2003
2:27.94 FRED SCHLICHER	USA 2003	9:58.02 VITTORIO ERMIRIO	ITA 2005	1:16.89 DAVID GILDEA	USA 2003
400 M. I.M.		9:58.99 JAMES MCCLEERY	USA 2006	1:17.30 JOZEF KLUKOWSKI	POL 2007
4:51.97 MICHAEL MANN	USA 2009	10:02.87 TIM BRODERICK	USA 2011	1:17.47 TAKEO HIRAMOTO	JPN 2010
5:05.40 LORENZO MARUGO	ITA 2007	10:04.36 FRANK MCELROY	USA 2009	200 M. BRST	
5:08.15 JAMES MCCONICA	USA 2005	1500 M. FREE		2:37.61 RICK COLELLA	USA 2011
5:11.49 GREG SHAW	USA 2007	18:24.21 JIM MC CONICA	USA 2010	2:40.76 ROBERT STRAND	USA 2009
5:13.29 R TOD SPIEKER	USA 2003	18:28.64 JIM CLEMMONS	USA 2010	2:46.21 TOSHIHARU FUJII	JPN 2010
5:13.35 JIM CLEMMONS	USA 2008	18:50.59 JAMES MCCLEERY	USA 2007	2:47.32 JIM CLEMMONS	USA 2010
5:21.57 MARK DRENNEN	USA 2011	18:54.83 DUNCAN MCCREADIE	GBR 2005	2:48.67 ALLEN STARK	USA 2011
5:21.72 G.HOFFMANN	USA 2011	18:55.42 ALAN BELL	USA 2010	2:49.35 STEVE HECK	USA 2009
5:21.89 EDDIE RIACH	GBR 2008	18:59.27 RICK WALKER	USA 2010	2:50.40 GEORGE WENDT	USA 2008
5:21.98 PHIL DODSON	USA 2009	19:00.25 GEORGE WENDT	USA 2009	2:50.82 C.STARZEC	FRA 2010
*****		19:01.87 SANDY GALLETTY	GBR 2002	2:52.88 RICK WALKER	USA 2010
M E N 60-64		19:03.57 VITTORIO ERMIRIO	ITA 2003	2:53.05 DRURY GALLAGHER	USA 1998
*****		19:05.60 JEAN LESTIDEAU	FRA 2007	50 M. FLY	
50 M. FREE		50 M. BACK		27.87 RICHARD ABRAHAMS	USA 2008
24.90 RICH ABRAHAMS	USA 2006	30.50 TAKEO HIRAMOTO	JPN 2010	28.30 TAKEO HIRAMOTO	JPN 2010
25.40 PAUL TREVISAN	USA 2011	30.80 HUGH WILDER	USA 2009	28.46 MARC MIDDLETON	USA 2011
26.18 RAGNAR JENSEN	NOR 2008	31.03 MARC MIDDLETON	USA 2011	28.59 GREG SHAW	USA 2011
26.31 JEFF FARRELL	USA 2000	31.31 ROBERT SMITH	USA 2004	28.76 LEONARD BIELICZ	SWE 2011
26.40 LEONARD BIELICZ	SWE 2011	31.50 JOSE LORO	BRA 2009	28.80 KENJI NAKAMATSU	JPN 2009
26.42 MARC MIDDLETON	USA 2011	31.52 PETER O'BRIEN	CAN 2009	29.04 JIM DRAGON	USA 2007
26.52 ROBERT SMITH	USA 2003	31.65 RICHARD BURNS	USA 2003	29.11 JEAN LESTIDEAU	FRA 2009
26.54 FUMIO SHIGENO	JPN 2009	31.67 JEAN LESTIDEAU	FRA 2008	29.13 JOSEF CLARET	ESP 2004
26.76 TATE HOLT	USA 2011	32.04 GEORGE SCHMIDT	USA 2010	29.42 SHIGEO ASANO	JPN 2008
26.84 R.DOBBELMANN	FRA 2009	32.11 STEVEN HECK	USA 2010	100 M. FLY	
		100 M. BACK		1:03.67 TAKEO HIRAMOTO	JPN 2010



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS - ALL TIME (1986-2011)

1:03.76	RICH ABRAHAMS	USA	2006	27.80	PETER BERGENGREN	SWE	2003	100 M. BACK			
1:04.47	GREG SHAW	USA	2011	100 M. FREE				1:10.16	RICHARD BURNS	USA	2009
1:05.57	FRED SCHLICHER	USA	2008	58.68	RICHARD ABRAHAMS	USA	2010	1:12.20	BERND HORSTMANN	GER	2009
1:05.91	SHIGEO ASANO	JPN	2009	59.40	DAVID QUIGGIN	USA	2009	1:13.11	ROBERT SMITH	USA	2008
1:06.44	JEAN LESTIDEAU	FRA	2009	59.60	KEEFE LODWIG	USA	2008	1:14.04	BARRY YOUNG	NZL	2004
1:06.74	ROBERT POILETMAN	USA	2003	1:01.13	RICHARD BURNS	USA	2008	1:14.66	YOSHI OYAKAWA	USA	1998
1:06.89	KOJI IWAMOTO	JPN	2002	1:01.36	JEFF FARRELL	USA	2002	1:14.69	LUIZ FIGUEIREDO	BRA	2006
1:06.96	JOSEF CLARET	ESP	2007	1:01.77	PHILIPPE MARCHAT	FRA	2009	1:14.74	YOSHIKATSU SAWADA	JPN	2009
1:07.60	ERIC HENDERSON	GBR	2008	1:02.12	TOM LANDIS	USA	2007	1:15.41	J.LESTIDEAU	FRA	2011
200 M. FLY				1:02.21	IAN SMITH	CAN	2009	1:15.54	VINUS VAN BAALEN	USA	2007
2:30.18	FRED SCHLICHER	USA	2008	1:02.24	PETER BERGENGREN	SWE	2003	1:16.12	S.SEKIKAWA	JPN	1998
2:32.76	JEAN LESTIDEAU	FRA	2007	1:02.41	CAV CAVANAUGH	USA	2000	200 M. BACK			
2:34.65	ROBERT POILETMAN	USA	2003	200 M. FREE				2:34.97	RICHARD BURNS	USA	2009
2:35.28	GREG SHAW	USA	2011	2:15.39	DAVID QUIGGIN	USA	2009	2:37.65	BERND HORSTMANN	GER	2008
2:35.67	LAWRENCE DAY	USA	2011	2:16.27	KEEFE LODWIG	USA	2008	2:43.82	MICHAEL MCCOLLY	USA	2010
2:37.79	DEREK PARR	GBR	2005	2:17.15	TOM LANDIS	USA	2008	2:44.62	LUIZ FIGUEIREDO	BRA	2006
2:37.97	KOJI IWAMOTO	JPN	2002	2:18.31	RICHARD BURNS	USA	2009	2:45.56	GARY CHASE	USA	2005
2:39.25	DOUGLAS MILLER	USA	2007	2:18.71	JEFF FARRELL	USA	2002	2:47.59	S.SEKIKAWA	JPN	1998
2:39.75	HORST LEHMANN	GER	2009	2:20.13	RUDOLF SMERDA	CZE	2009	2:48.33	RICHARD TODD	USA	2007
2:40.80	ALAN BELL	USA	2010	2:21.58	DON DAVIS	USA	2009	2:48.78	YOSHIKATSU SAWADA	JPN	2009
100 M. I.M.				2:21.65	VITTORIO ERMIRIO	ITA	2007	2:50.06	VINUS VAN BAALEN	CAN	2009
1:06.29	RICK COLELLA	USA	2011	2:21.73	DUNCAN MCCREADIE	GBR	2010	2:50.75	BOB BARRY	AUS	1996
1:06.53	TAKEO HIRAMOTO	JPN	2010	2:22.07	GRAHAM JOHNSTON	USA	1997	50 M. BRST			
1:07.80	GEORGE SCHMIDT	USA	2010	400 M. FREE				33.86	OSAMU MAEDA	JPN	2010
1:07.88	BRYAN BATEMAN	USA	2008	4:55.56	TOM LANDIS	USA	2007	34.26	YOSHITADA MAEDA	JPN	2011
1:07.98	ROBERT STRAND	USA	2009	4:55.97	DAVID QUIGGIN	USA	2009	34.36	ROBERT STRAND	USA	2011
1:08.08	RICH ABRAHAMS	USA	2009	4:59.03	VITTORIO ERMIRIO	ITA	2007	34.55	LOUIS KRONFELD	USA	2008
1:08.09	STEVEN HECK	USA	2009	5:00.26	DON DAVIS	USA	2009	34.88	JIM DRAGON	USA	2009
1:08.37	GREG SHAW	USA	2011	5:01.65	RICHARD BURNS	USA	2009	34.92	DAVID GILDEA	USA	2009
1:09.39	ROBERT SMITH	USA	2003	5:01.81	JAMES MCCLEERY	USA	2011	35.13	KENNETH FROST JR	USA	2009
1:09.93	JACK KELSO	CAN	1999	5:01.92	DUNCAN MCCREADIE	FRA	2011	35.34	DIETER HOFEL	GER	2011
200 M. I.M.				5:03.87	VICTOR PAUL	AUS	2009	35.46	HIROSHI KOTEGAWA	JPN	2001
2:28.47	TIM BRODERICK	USA	2011	5:06.60	FABRIZIO MOMONI	ITA	2003	35.67	PETER ANDERSEN	USA	2008
2:29.11	GREG SHAW	USA	2011	5:09.09	GRAHAM JOHNSTON	USA	1996	100 M. BRST			
2:30.48	JOHN CALVERT	USA	2005	800 M. FREE				1:16.60	ROBERT STRAND	USA	2011
2:30.56	FRED SCHLICHER	USA	2008	10:16.06	VITTORIO ERMIRIO	ITA	2007	1:16.64	OSAMU MAEDA	JPN	2010
2:30.64	STEVE HECK	USA	2009	10:21.09	TOM LANDIS	USA	2008	1:17.01	DAVID GILDEA	USA	2008
2:31.02	JIM CLEMMONS	USA	2010	10:30.68	JAMES MCCLEERY	USA	2011	1:18.66	RICHARD TODD	USA	2008
2:31.98	ROBERT STRAND	USA	2009	10:33.02	DON DAVIS	USA	2009	1:19.12	KENNETH FROST JR	USA	2009
2:32.47	JEAN LESTIDEAU	FRA	2009	10:34.23	JOACHIM HINTZE	GER	2009	1:19.41	DIETER HOFEL	GER	2010
2:34.99	GEORGE SCHMIDT	USA	2010	10:35.13	GRAHAM JOHNSTON	USA	1996	1:20.36	THOMAS JOHNSON	GBR	2007
2:35.04	JACK KELSO	CAN	1999	10:36.94	DUNCAN MCCREADIE	FRA	2011	1:20.41	GERSHON SHEFA	ISR	2008
400 M. I.M.				10:36.96	J.LESTIDEAU	FRA	2011	1:20.54	SEIKO OKAZAKI	JPN	2011
5:04.54	RICK COLELLA	USA	2011	10:42.18	DAVID QUIGGIN	USA	2009	1:21.32	LOUIS KRONFELD	USA	2008
5:22.86	JIM CLEMMONS	USA	2010	10:44.95	DAVID HARRISON	USA	2002	200 M. BRST			
5:25.65	NICK LECLERCQ	USA	2006	1500 M. FREE				2:49.34	ROBERT STRAND	USA	2011
5:26.90	JIM MC CONICA	USA	2010	19:32.78	TOM LANDIS	USA	2007	2:54.56	GERSHON SHEFA	ISR	2008
5:29.09	LAWRENCE DAY	USA	2011	19:41.85	VITTORIO ERMIRIO	ITA	2007	2:56.37	KENNETH FROST	USA	2009
5:30.74	JEAN LESTIDEAU	FRA	2009	19:47.48	JAMES MCCLEERY	USA	2011	2:56.84	DAVID GILDEA	USA	2008
5:33.42	STEVE HECK	USA	2009	19:53.18	GRAHAM JOHNSTON	USA	1996	2:57.01	NORIAKI TSUJI	JPN	2011
5:34.43	EDWARD CAZALET	USA	2003	20:09.42	DAVID QUIGGIN	USA	2009	2:59.11	RICHARD TODD	USA	2007
5:36.24	TAKEO HIRAMOTO	JPN	2010	20:10.13	DON DAVIS	USA	2009	2:59.55	YOSHIAKI AOKI	JPN	2005
5:38.91	SANDY GALLETLY	GBR	2002	20:36.17	DICK STEWART	USA	2006	3:00.13	MIKE FRESHLEY	USA	2006
*****				20:40.76	VICTOR PAUL	AUS	2009	3:00.27	MICHAEL MOLONEY	AUS	2004
M E N 65-69				20:49.25	ERNIE LESKOVITZ	USA	2003	3:02.15	HANS REICHEL	GER	2004
*****				20:50.75	RICHARD BURNS	USA	2010	50 M. FLY			
50 M. FREE				50 M. BACK				28.91	JOSEF CLARET	ESP	2009
25.80	RICHARD ABRAHAMS	USA	2010	31.64	RICHARD BURNS	USA	2008	28.99	RICHARD ABRAHAMS	USA	2010
26.68	KEEFE LODWIG	USA	2008	32.32	VINUS VAN BAALEN	USA	2008	29.18	JIM DRAGON	USA	2009
26.73	VINUS VAN BAALEN	CAN	2007	32.35	LUIZ FIGUEIREDO	BRA	2006	29.78	DAVID QUIGGIN	USA	2009
26.87	DAVID QUIGGIN	USA	2009	32.76	ROBERT SMITH	USA	2008	29.79	KEEFE LODWIG	USA	2008
26.88	IAN SMITH	CAN	2009	32.94	RICHARD ABRAHAMS	USA	2010	30.49	TOMOYASU IIDA	JPN	2009
27.05	JEFF FARRELL	USA	2002	33.14	J.LESTIDEAU	FRA	2011	30.54	GEORGES KOESSLER	FRA	2007
27.26	JIM DRAGON	USA	2009	33.32	BERND HORSTMANN	GER	2009	30.56	BERND SCHRODER	GER	2009
27.47	KATSUTAKA IZUMI	JPN	2010	33.38	YOSHI OYAKAWA	USA	1999	30.70	BOB BAILIE	USA	2001
27.68	CAV CAVANAUGH	USA	2000	33.41	KATSUTAKA IZUMI	JPN	2010	30.71	BERT PETERSEN	USA	2003
				33.90	GARY CHASE	USA	2005	100 M. FLY			



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1:05.90	JOSEP CLARET	ESP	2009	29.63	T.HASHIMOTO	JPN	2010	36.66	NEIL MACKINNON	GBR	2011
1:06.60	RICHARD ABRAHAMS	USA	2010	29.73	TAKEKAZU KOTERA	JPN	2010	36.88	GUNTER KOBOW	GER	2007
1:08.36	DAVID QUIGGIN	USA	2009	100 M.	FREE			100 M.	BACK		
1:09.10	ROBERT POILETMAN	USA	2009	1:03.33	JEFF FARRELL	USA	2007	1:14.31	BARRY YOUNG	NZL	2009
1:09.66	DEREK PARR	GBR	2009	1:04.58	CAV CAVANAUGH	USA	2005	1:15.85	YOSHI OYAKAWA	USA	2003
1:10.25	RICHARD BURNS	USA	2008	1:04.66	PETER BERGENGREN	SWE	2008	1:16.73	BURWELL JONES	USA	2003
1:10.73	KOJI IWAMOTO	JPN	2009	1:05.41	IAN SMITH	CAN	2011	1:18.73	S.SEKIKAWA	JPN	2003
1:11.45	J.LESTIDEAU	FRA	2011	1:06.26	GRAHAM JOHNSTON	USA	2001	1:19.09	MARTY MENNEN	USA	2007
1:11.45	KEEFE LODWIG	USA	2008	1:06.29	WILLIAM LETCH	GBR	2010	1:20.82	FRANS VAN ENST	NED	2011
1:11.62	BERND SCHRODER	GER	2009	1:06.32	MASATO YOSHINO	JPN	2009	1:20.94	MAMPEI SEINO	JPN	2003
200 M.	FLY			1:06.50	DAVID RADCLIFF	USA	2004	1:21.09	ALAN JACKSON	GBR	2009
2:38.71	ROBERT POILETMAN	USA	2008	1:06.70	CHARLES BALDWIN	USA	2000	1:21.50	ROGER FRANKS	USA	1997
2:41.64	DEREK PARR	GBR	2009	1:06.95	T.HASHIMOTO	JPN	2010	1:21.68	KARL DONOGHUE	CAN	2010
2:45.27	J.LESTIDEAU	FRA	2011	200 M.	FREE			200 M.	BACK		
2:48.60	KOJI IWAMOTO	JPN	2009	2:24.31	GRAHAM JOHNSTON	USA	2001	2:40.17	BARRY YOUNG	NZL	2009
2:48.78	RICHARD KITCHELL	USA	2005	2:28.41	CAV CAVANAUGH	USA	2005	2:51.24	BURWELL JONES	USA	2003
2:53.93	JOACHIM HINTZE	GER	2008	2:29.28	MASATO YOSHINO	JPN	2009	2:53.22	S.SEKIKAWA	JPN	2003
2:53.94	PAUL WYATT	AUS	2011	2:30.04	JEFF FARRELL	USA	2008	2:53.59	YOSHI OYAKAWA	USA	2003
2:57.23	TAISUKE MIYAZAKI	JPN	2004	2:30.27	BURWELL JONES	USA	2004	2:54.36	MARTY MENNEN	USA	2007
2:59.62	DAVID CUMMING	GBR	2004	2:30.45	DAVID RADCLIFF	USA	2007	2:55.73	ROGER FRANKS	USA	1998
3:00.15	HUGH RODDIN	USA	2008	2:30.62	WERNER SCHNABEL	GER	2009	2:58.07	KARL DONOGHUE	CAN	2010
100 M.	I.M.			2:31.75	BALAZS GYORFFY	GBR	2008	2:58.91	MAMPEI SEINO	JPN	2003
1:10.42	RICHARD ABRAHAMS	USA	2010	2:32.29	DAVID COSTILL	USA	2008	2:59.35	ALAN JACKSON	GBR	2009
1:10.67	RICHARD BURNS	USA	2008	2:33.22	T.HASHIMOTO	JPN	2010	2:59.92	PAUL HUTINGER	USA	1994
1:11.17	ROBERT STRAND	USA	2011	2:33.22	NELIO VILLASBOAS	BRA	2002	50 M.	BRST		
1:12.10	KOJI IWAMOTO	JPN	2009	400 M.	FREE			35.85	YOSHIHIKO OSAKI	JPN	2009
1:12.51	JEFF FARRELL	USA	2002	5:09.75	GRAHAM JOHNSTON	USA	2002	37.26	JEFF FARRELL	USA	2007
1:12.86	J.LESTIDEAU	FRA	2011	5:15.88	BURWELL JONES	USA	2003	37.44	HANS REICHELT	GER	2007
1:13.40	ALEXANDER KRYUKOV	RUS	2009	5:18.28	DAVID RADCLIFF	USA	2007	37.47	NICK TEMPLEMAN	CAN	2001
1:13.65	DAVID GILDEA	USA	2009	5:26.04	YASUSHI YAMAGUCHI	JPN	2009	37.68	AKIO SUGIYAMA	JPN	2005
1:13.90	BERND SCHRODER	GER	2008	5:28.30	GEOFF STOKES	GBR	2009	37.71	MANUEL SANGUILY	USA	2004
1:14.29	ROBERT SMITH	USA	2008	5:29.16	JOHN CRISP	AUS	2005	37.96	KARL WIEDAMANN	USA	2008
200 M.	I.M.			5:30.15	NIC GEERS	NED	2009	38.00	MASARU SHINKAI	JPN	2010
2:38.42	RICHARD BURNS	USA	2009	5:30.42	CAV CAVANAUGH	USA	2005	38.12	TONY GOODWIN	AUS	2007
2:39.62	J.LESTIDEAU	FRA	2011	5:30.96	IKURO SHIMONO	JPN	2010	38.15	JOHN KORTHEUER	USA	2001
2:39.79	ROBERT STRAND	USA	2011	5:35.01	JOAQUIN CANALES	ESP	2010	100 M.	BRST		
2:41.64	BERND HORSTMANN	GER	2008	800 M.	FREE			1:23.63	BARRY YOUNG	NZL	2009
2:42.68	KOJI IWAMOTO	JPN	2009	10:52.68	GRAHAM JOHNSTON	USA	2001	1:23.70	HANS REICHELT	GER	2007
2:43.49	MIKE FRESHLEY	USA	2006	11:01.38	DAVID RADCLIFF	USA	2007	1:24.13	TONY GOODWIN	AUS	2007
2:46.35	JEFF FARRELL	USA	2002	11:16.51	YASUSHI YAMAGUCHI	JPN	2009	1:24.13	TETSUO NAKAMARU	JPN	2005
2:47.42	PAUL WYATT	AUS	2011	11:23.10	ERNE LESKOVITZ	USA	2006	1:24.31	YOSHIAKI AOKI	JPN	2008
2:47.43	VICTOR PAUL	AUS	2009	11:25.65	JOHN CRISP	AUS	2005	1:25.02	JACK KELSO	CAN	2009
2:47.89	NORIAKI TSUJI	JPN	2011	11:26.47	GEOFF STOKES	GBR	2009	1:25.11	RON JOHNSON	USA	2003
400 M.	I.M.			11:30.41	IKURO SHIMONO	JPN	2007	1:25.34	KARL WIEDAMANN	USA	2008
5:37.22	J.LESTIDEAU	FRA	2011	11:38.41	FRANK PIEMME	USA	1995	1:25.49	PETER BELL	CAN	2007
5:50.91	RICHARD BURNS	USA	2009	11:44.62	FRANK WILLIAMS	USA	2010	1:25.80	MASARU SHINKAI	JPN	2010
5:58.93	MIKE FRESHLEY	USA	2006	11:50.05	DICK STEWART	USA	2010	200 M.	BRST		
5:59.56	NORIAKI TSUJI	JPN	2011	1500 M.	FREE			3:01.22	BARRY YOUNG	NZL	2009
5:59.98	MICHAEL MCCOLLY	USA	2010	20:54.56	GRAHAM JOHNSTON	USA	2001	3:05.27	HANS REICHELT	GER	2007
6:02.48	RICHARD TODD	USA	2008	21:17.81	JOHN CRISP	AUS	2005	3:05.42	MICHAEL MOLONEY	AUS	2009
6:02.61	DAVID QUIGGIN	USA	2009	21:24.18	DAVID RADCLIFF	USA	2007	3:06.16	TONY GOODWIN	AUS	2007
6:03.56	PAUL WYATT	AUS	2011	22:02.11	YASUSHI YAMAGUCHI	JPN	2009	3:07.68	YOSHIAKI AOKI	JPN	2009
6:04.40	GRAHAM JOHNSTON	USA	1996	22:08.91	GEOFF STOKES	GBR	2009	3:07.85	MIKE FRESHLEY	USA	2011
6:06.22	KOJI IWAMOTO	JPN	2010	22:12.38	MICK MARSHALL	GBR	2009	3:09.86	PETER BELL	CAN	2005
*****				22:24.23	FRANK WILLIAMS	USA	2010	3:10.40	JACK KELSO	CAN	2009
M E N 70-74				22:30.87	WILLIAM PHILLIPS	USA	1998	3:11.24	MASARU SHINKAI	JPN	2010
*****				22:32.76	ERNE LESKOVITZ	USA	2008	3:12.98	RON JOHNSON	USA	2003
*****				22:44.45	FRANK PIEMME	USA	1995	50 M.	FLY		
50 M.	FREE			50 M.	BACK			31.55	BERT PETERSEN	USA	2008
27.70	JEFF FARRELL	USA	2008	33.90	YOSHI OYAKAWA	USA	2003	31.71	HIROSHI MATSUMOTO	JPN	2009
28.28	PETER BERGENGREN	SWE	2008	35.44	S.SEKIKAWA	JPN	2003	32.57	RONALD JOHNSON	USA	2001
28.31	IAN SMITH	CAN	2011	35.60	JOAQUIN CANALES	ESP	2011	32.62	IAN SMITH	CAN	2011
28.55	RON JOHNSON	USA	2003	35.71	FRANS VAN ENST	NED	2011	32.73	HELMUT RICHTER	GER	2009
28.76	CAV CAVANAUGH	USA	2008	35.71	PAUL HUTINGER	USA	1994	32.89	RYUJI TAKAMINE	JPN	2011
28.99	KATSUKI ISHIHARA	JPN	2009	35.75	BURWELL JONES	USA	2004	32.93	JEFF FARRELL	USA	2008
29.00	WOLFRAM GOTTFRIED	GER	2003	35.99	BARRY YOUNG	NZL	2010	33.06	DAVE COSTILL	USA	2008
29.31	NEIL MACKINNON	GBR	2011	36.16	HELMUT RICHTER	GER	2009	33.10	PETER BERGENGREN	SWE	2008



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33.27 MIKE FRESHLEY	USA	2011	31.40 ANDERS SODERQVIST	SWE	2008	39.01 MAMPEI SEINO	JPN	2008
100 M. FLY			31.59 DAVID COSTILL	USA	2011	39.14 GORO TANIGUCHI	JPN	1997
1:16.91 BARRY YOUNG	NZL	2009	31.64 ALDO EMINENTE	FRA	2006	39.83 RAYMOND TAFT	USA	1994
1:18.42 TAISUKE MIYAZAKI	JPN	2009	31.94 H.TAKAHASHI	JPN	2011	100 M. BACK		
1:18.59 WILLIAM LETCH	GBR	2010	100 M. FREE			1:18.47 BURWELL JONES	USA	2009
1:18.90 JOAQUIN CANALES	ESP	2010	1:05.13 DAVID RADCLIFF	USA	2009	1:20.16 YOSHI OYAKAWA	USA	2008
1:19.47 LUIS SIMI	BRA	2007	1:08.90 BURWELL JONES	USA	2009	1:20.66 S.SEKIKAWA	JPN	2009
1:19.51 RONALD JOHNSON	USA	2001	1:09.83 HIROSHI MATSUMOTO	JPN	2011	1:23.81 CLARKE MITCHELL	USA	2007
1:20.31 HIROSHI MATSUMOTO	JPN	2006	1:10.71 SHINGO YAMAMOTO	JPN	2006	1:24.21 KEIJIRO NAKAMURA	JPN	1998
1:20.35 DAVID COSTILL	USA	2007	1:11.53 GRAHAM JOHNSTON	USA	2007	1:25.13 PAUL HUTINGER	USA	2000
1:20.36 DAVID CUMMING	GBR	2009	1:11.55 FRANK PIEMME	USA	2000	1:25.22 ROGER FRANKS	USA	2002
1:21.05 GUNTER SCHOPKE	GER	2011	1:11.74 JAMES ZURCHER	USA	2009	1:26.10 MAMPEI SEINO	JPN	2007
200 M. FLY			1:12.11 WERNER SCHNABEL	GER	2011	1:26.40 JACK HALE	GBR	1997
2:51.32 BARRY YOUNG	NZL	2009	1:12.72 CAV CAVANAUGH	USA	2011	1:27.41 RAYMOND TAFT	USA	1994
3:05.81 WILLIAM LETCH	GBR	2010	1:12.91 JOHN CRISP	AUS	2010	200 M. BACK		
3:06.07 TAISUKE MIYAZAKI	JPN	2010	200 M. FREE			2:49.20 BURWELL JONES	USA	2009
3:08.60 TAKASHI HAYASHI	JPN	2003	2:27.53 DAVID RADCLIFF	USA	2009	2:58.21 ROGER FRANKS	USA	2002
3:13.57 JESUS DOMINGUEZ	ESP	2000	2:37.71 GRAHAM JOHNSTON	USA	2006	3:00.92 S.SEKIKAWA	JPN	2008
3:15.06 ALFRED SEEGER	GER	2011	2:40.22 JOHN CRISP	AUS	2010	3:09.22 KEIJIRO NAKAMURA	JPN	1999
3:15.19 RON JOHNSON	USA	2002	2:42.21 SHINGO YAMAMOTO	JPN	2006	3:10.00 MAMPEI SEINO	JPN	2008
3:16.40 P.WERMELSKIRCHEN	GER	2009	2:46.17 ARAM BOGHOSSIAN	BRA	2004	3:10.22 RAYMOND TAFT	USA	1994
3:17.30 DAVID CUMMING	GBR	2009	2:46.63 CAV CAVANAUGH	USA	2011	3:12.53 PAUL HUTINGER	USA	2000
3:18.38 JOAQUIN CANALES	ESP	2011	2:47.41 HIROSHI YOSHIMURA	JPN	2004	3:13.21 YOSHI OYAKAWA	USA	2008
100 M. I.M.			2:47.43 FRANK PIEMME	USA	2000	3:13.86 BOB BARRY	AUS	2006
1:14.73 JACK KELSO	CAN	2009	2:47.65 KIYOJI AMANO	JPN	2006	3:13.98 THOMAS WALKER	GBR	2010
1:15.54 BARRY YOUNG	NZL	2009	2:48.33 MASAYASU KAMIYA	JPN	2008	50 M. BRST		
1:15.92 RONALD JOHNSON	USA	2001	400 M. FREE			39.04 TETSUO NAKAMARU	JPN	2010
1:16.05 JEFF FARRELL	USA	2007	5:15.10 DAVID RADCLIFF	USA	2009	39.20 HANS REICHELT	GER	2011
1:17.19 DAVE COSTILL	USA	2008	5:40.14 GRAHAM JOHNSTON	USA	2006	39.97 TOSHIO TAJIMA	JPN	2000
1:17.22 BURWELL JONES	USA	2003	5:45.47 HIROSHI YOSHIMURA	JPN	2004	40.07 MANUEL SANGUILY	USA	2008
1:18.44 WOLFRAM GOTTFRIED	GER	2001	5:50.39 BURWELL JONES	USA	2008	40.17 ROBERT PFERSDORFF	GER	1999
1:18.45 JOAQUIN CANALES	ESP	2010	5:50.91 JOHN CRISP	AUS	2010	40.62 JOHN KORTHEUER	USA	2006
1:18.58 WILLIAM LETCH	GBR	2010	5:58.03 TOSABURO HOSOKAWA	JPN	2011	40.99 TSUTOMU KAJIHARA	JPN	2008
1:19.43 CHARLES BALDWIN	USA	2000	6:01.32 FRANK PIEMME	USA	2000	41.25 BURWELL JONES	USA	2009
200 M. I.M.			6:02.95 RAYMOND TAFT	USA	1995	41.39 DAVID COSTILL	USA	2011
2:42.44 BARRY YOUNG	NZL	2009	6:04.20 KARL HAUTER	GER	2000	41.46 O.BERTUCCELLI	ITA	2011
2:49.43 JACK KELSO	CAN	2009	6:07.86 ARAM BOGHOSSIAN	BRA	2004	100 M. BRST		
2:51.73 BURWELL JONES	USA	2003	800 M. FREE			1:27.76 TETSUO NAKAMARU	JPN	2010
2:54.26 MIKE FRESHLEY	USA	2011	10:59.10 DAVID RADCLIFF	USA	2009	1:28.61 ROBERT PFERSDORFF	GER	1999
2:55.51 RON JOHNSON	USA	2002	11:38.56 BURWELL JONES	USA	2008	1:28.72 SHUNSAKU TAKAHIRA	JPN	2007
2:55.58 GRAHAM JOHNSTON	USA	2002	12:00.94 GRAHAM JOHNSTON	USA	2006	1:29.75 HANS REICHELT	GER	2011
2:57.11 IKURO SHIMONO	JPN	2009	12:02.87 HIROSHI YOSHIMURA	JPN	2004	1:30.02 TSUTOMU KAJIHARA	JPN	2008
2:57.37 JOAQUIN CANALES	ESP	2010	12:13.28 FRANK PIEMME	USA	2000	1:31.15 DAVID COSTILL	USA	2011
2:57.47 MASAO KIJIMA	JPN	2011	12:36.49 JOSEF KREJCI	SUI	2009	1:32.66 THOMAS WALKER	GBR	2010
2:57.74 JEFF FARRELL	USA	2007	12:39.48 GIULIO DIVANO	ITA	2008	1:32.85 ERICH NEUMANN	GER	2005
400 M. I.M.			12:45.40 RAYMOND TAFT	USA	1994	1:33.20 ZENJI NAKAHARI	JPN	2006
5:48.67 BARRY YOUNG	NZL	2009	12:49.63 WERNER MULLER	GER	2009	1:33.38 O.BERTUCCELLI	ITA	2011
6:21.46 BURWELL JONES	USA	2003	12:57.29 LARRY GOOD	USA	2009	200 M. BRST		
6:21.47 JACK KELSO	CAN	2009	1500 M. FREE			3:15.57 HANS REICHELT	GER	2011
6:22.65 MASAO KIJIMA	JPN	2011	20:39.50 DAVID RADCLIFF	USA	2009	3:20.93 TSUTOMU KAJIHARA	JPN	2008
6:23.43 GRAHAM JOHNSTON	USA	2002	22:27.75 GRAHAM JOHNSTON	USA	2006	3:21.50 KARL HAUTER	GER	2000
6:25.28 IKURO SHIMONO	JPN	2009	22:28.06 BURWELL JONES	USA	2008	3:24.84 ROBERT PFERSDORFF	GER	1999
6:36.77 MIKE FRESHLEY	USA	2011	22:52.00 HIROSHI YOSHIMURA	JPN	2003	3:26.71 SHUNSAKU TAKAHIRA	JPN	2008
6:37.13 JOAQUIN CANALES	ESP	2011	23:22.66 TOSABURO HOSOKAWA	JPN	2010	3:28.02 ESKO SALONEN	FIN	2001
6:38.19 DAVID CUMMING	GBR	2009	24:22.70 FRANK PIEMME	USA	2000	3:28.83 MASAMI SHIGETA	JPN	2011
6:38.98 FRANK PIEMME	USA	1995	24:46.19 ALDO DA ROSA	USA	1993	3:28.99 THOMAS WALKER	GBR	2010
			24:47.25 THOMAS TAYLOR	USA	2006	3:29.02 SHUJI KAWAKAMI	JPN	2010
*****			25:04.92 LARRY GOOD	USA	2009	3:29.54 AL CRAIG	USA	2003
M E N 75-79			25:23.20 GIULIO DIVANO	ITA	2008	50 M. FLY		
*****			50 M. BACK			33.27 ARAM BOGHOSSIAN	BRA	2004
50 M. FREE			35.51 YOSHI OYAKAWA	USA	2008	33.28 HIROSHI MATSUMOTO	JPN	2011
30.15 DAVID RADCLIFF	USA	2009	35.93 BURWELL JONES	USA	2009	34.53 JEAN LE DALL	FRA	2008
31.06 FRANK PIEMME	USA	2001	36.58 S.SEKIKAWA	JPN	2008	34.83 FRANK PIEMME	USA	2000
31.08 BURWELL JONES	USA	2009	36.68 CLARKE MITCHELL	USA	2007	35.80 CLARKE MITCHELL	USA	2007
31.10 HIROSHI MATSUMOTO	JPN	2011	37.47 KEIJIRO NAKAMURA	JPN	1998	35.84 BURWELL JONES	USA	2009
31.31 SHINGO YAMAMOTO	JPN	2009	38.38 PAUL HUTINGER	USA	1999	36.03 GENICHI IGARASHI	JPN	2011
31.38 CAV CAVANAUGH	USA	2011	38.83 JACK HALE	GBR	1997	36.24 TAKASHI HAYASHI	JPN	2009



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36.41	DAVID COSTILL	USA	2011	33.79	FUJIO MYOJIN	JPN	2008	42.96	RAY TAFT	USA	1999
36.42	MASAYASU KAMIYA	JPN	2007	34.33	MAX VAN GELDER	AUS	2010	43.34	HORACE KNOWLTON	USA	2009
100 M. FLY				34.52	TAKAHICO NOMA	JPN	2008	43.66	WILLIAM ROWE	USA	1997
1:24.38	TAKASHI HAYASHI	JPN	2009	34.74	SHOICHI SHIDA	JPN	2006	43.71	OTTO CLAUS	GER	1995
1:26.67	GENICHI IGARASHI	JPN	2011	34.77	ZENJI NAKAHARI	JPN	2008	100 M. BACK			
1:26.86	HIROSHI MATSUMOTO	JPN	2011	100 M. FREE				1:25.77	KEIJIRO NAKAMURA	JPN	2003
1:27.25	GIULIO DIVANO	ITA	2009	1:16.09	KEIJIRO NAKAMURA	JPN	2003	1:33.27	PAUL HUTINGER	USA	2004
1:30.09	MASAYASU KAMIYA	JPN	2007	1:16.30	SHOICHI SHIDA	JPN	2006	1:33.58	RAY TAFT	USA	1999
1:32.07	ROBERT PFERSDORFF	GER	2000	1:17.02	FRANK PIEMME	USA	2005	1:34.16	ROGER FRANKS	USA	2007
1:32.31	RON JOHNSON	USA	2006	1:17.27	SHINGO YAMAMOTO	JPN	2011	1:35.25	JAN ZIEGLER	CZE	2005
1:32.41	KARL HAUTER	GER	2001	1:18.25	GRAHAM JOHNSTON	USA	2011	1:36.10	HORACE KNOWLTON	USA	2009
1:33.15	HEINZ KRAUSS	GER	2007	1:18.67	B.SCHLURIKE	GER	2002	1:36.13	KARL HAUTER	GER	2006
1:34.40	MASARU IGARASHI	JPN	2010	1:18.80	HIKOJI UEKI	JPN	1995	1:36.41	ALDO DA ROSA	USA	1998
200 M. FLY				1:19.03	ROD BAKER	AUS	2008	1:37.17	EDWARD SHEA	USA	1994
3:16.99	TAKASHI HAYASHI	JPN	2009	1:20.44	TOSHIO SHIMIZU	JPN	2007	1:37.44	BOB MILLER	USA	2010
3:26.72	ROBERT PFERSDORFF	GER	1999	1:20.65	WOODROW BOWERSOCK	USA	1993	200 M. BACK			
3:27.58	KARL HAUTER	GER	2001	200 M. FREE				3:10.06	KEIJIRO NAKAMURA	JPN	2003
3:29.00	ERIVALDO LIMA	BRA	2008	2:55.46	SHINGO YAMAMOTO	JPN	2011	3:23.73	RAY TAFT	USA	1999
3:31.23	MAURICE LUSIEN	FRA	2001	2:57.47	GRAHAM JOHNSTON	USA	2011	3:24.71	BOB MILLER	USA	2010
3:39.04	GIULIO DIVANO	ITA	2010	2:58.32	HIROSHI YOSHIMURA	JPN	2008	3:25.46	ROGER FRANKS	USA	2007
3:39.51	THOMAS MAINE	USA	2002	3:00.21	KARL HAUTER	GER	2005	3:32.87	KARL HAUTER	GER	2005
3:40.31	MASARU IGARASHI	JPN	2010	3:00.63	RAYMOND TAFT	USA	1999	3:33.60	JAN ZIEGLER	CZE	2006
3:42.68	TOSHIMASA MINAMI	JPN	2005	3:00.86	FRANK PIEMME	USA	2005	3:33.91	EDWARD SHEA	USA	1994
3:42.99	MINORU NAGASHIMA	JPN	2001	3:01.42	HIKOJI UEKI	JPN	1995	3:34.86	HORACE KNOWLTON	USA	2010
100 M. I.M.				3:01.91	TOSHIO SHIMIZU	JPN	2007	3:35.49	NORIO HAYASHI	JPN	2011
1:18.80	BURWELL JONES	USA	2009	3:06.33	S.KROKOSZYNSKI	POL	2010	3:39.12	PAUL HUTINGER	USA	2004
1:21.42	DAVID COSTILL	USA	2011	3:07.05	DAVID LAWLER	AUS	2010	50 M. BRST			
1:23.53	HANS REICHELT	GER	2011	400 M. FREE				41.42	TOSHIO TAJIMA	JPN	2005
1:24.42	FRANK PIEMME	USA	2000	5:59.22	GIULIO DIVANO	ITA	2011	43.64	ZENJI NAKAHARI	JPN	2008
1:24.71	DAVID RADCLIFF	USA	2009	6:20.10	HIROSHI YOSHIMURA	JPN	2008	43.99	Y.KAWABATA	JPN	2006
1:24.76	JAMES ZURCHER	USA	2009	6:26.54	GRAHAM JOHNSTON	USA	2011	44.56	Y.MIYAMOTO	JPN	1997
1:25.36	KARL HAUTER	GER	2000	6:27.60	RAY TAFT	USA	1999	44.93	JOHN KORTHEUER	USA	2011
1:25.68	MASAYASU KAMIYA	JPN	2007	6:30.21	KARL HAUTER	GER	2006	44.93	GERHARD GIERA	GER	2008
1:26.50	TSUTOMU KAJIHARA	JPN	2008	6:35.25	TOSHIO SHIMIZU	JPN	2007	44.97	KARL HAUTER	GER	2008
1:26.87	CLARKE MITCHELL	USA	2008	6:38.17	JAN ZIEGLER	CZE	2005	45.13	HORST FRITSCHKE	GER	2006
200 M. I.M.				6:38.23	FRANK PIEMME	USA	2005	45.39	CHARLES URSTADT	USA	2008
2:59.26	BURWELL JONES	USA	2009	6:45.01	D.CASOLINO	ITA	2008	45.40	MAX VON ISSER	USA	1999
3:10.06	KARL HAUTER	GER	2000	6:47.71	JURGEN SCHMIDT	USA	2005	100 M. BRST			
3:10.46	JAMES ZURCHER	USA	2009	800 M. FREE				1:35.96	ZENJI NAKAHARI	JPN	2008
3:12.11	JOHN CRISP	AUS	2011	12:50.97	HIROSHI YOSHIMURA	JPN	2008	1:36.91	KARL HAUTER	GER	2005
3:15.45	GIULIO DIVANO	ITA	2009	13:29.27	RAYMOND TAFT	USA	1999	1:39.85	TOSHIO TAJIMA	JPN	2005
3:16.44	FRANK PIEMME	USA	2000	13:34.55	KARL HAUTER	GER	2007	1:42.05	FRANK PIEMME	USA	2005
3:17.53	MASAYASU KAMIYA	JPN	2010	13:35.75	KATSURA SUZUKI	JPN	2011	1:43.54	MAX VON ISSER	USA	1999
3:18.23	HORST KESTENER	BRA	2009	13:39.13	GRAHAM JOHNSTON	USA	2011	1:43.70	JAN ZIEGLER	CZE	2006
3:19.26	GENICHI IGARASHI	JPN	2011	13:41.19	FRANK PIEMME	USA	2005	1:43.91	Y.MIYAMOTO	JPN	1997
3:19.32	BOB BEST	USA	2007	13:57.61	THOMAS TAYLOR	USA	2011	1:45.09	ALDO DA ROSA	USA	1998
400 M. I.M.				14:05.05	JURGEN SCHMIDT	USA	2003	1:45.51	BARTON GREENBERG	USA	2004
6:33.87	BURWELL JONES	USA	2009	14:35.51	NILS KLING	SWE	2004	1:45.54	TAKAO TSUCHIYA	JPN	2011
6:52.62	KARL HAUTER	GER	2001	14:36.00	KEVIN VICKERY	AUS	2003	200 M. BRST			
6:59.68	FRANK PIEMME	USA	2000	1500 M. FREE				3:34.21	ZENJI NAKAHARI	JPN	2008
7:04.92	JOHN CRISP	AUS	2010	25:18.69	HIROSHI YOSHIMURA	JPN	2009	3:40.73	KARL HAUTER	GER	2005
7:07.64	GRAHAM JOHNSTON	USA	2006	25:35.01	RAY TAFT	USA	1999	3:45.57	ROBERT MACDONALD	USA	2009
7:08.17	GIULIO DIVANO	ITA	2008	25:56.19	GRAHAM JOHNSTON	USA	2011	3:47.50	JAN ZIEGLER	CZE	2006
7:08.53	RAYMOND TAFT	USA	1994	26:41.69	ALDO DA ROSA	USA	1998	3:47.87	FRANK PIEMME	USA	2005
7:12.49	ANRI VERESHCHAGIN	RUS	2011	26:51.46	THOMAS TAYLOR	USA	2011	3:50.86	MAX VAN GELDER	NED	2004
7:16.86	GUNTER BEILSTEIN	GER	2011	27:03.64	JURGEN SCHMIDT	USA	2005	3:52.83	ASHLEY JONES	USA	2011
7:17.67	BOB BEST	USA	2007	27:33.01	ROBERT JOHNSTON	USA	1997	3:56.33	ISAO FUNAMOTO	JPN	2002
*****				27:33.43	HIROSHI IMAIZUMI	JPN	2005	3:56.35	ROLF STELLRECHT	GER	2008
M E N 80-84				27:39.31	IRWIN STOLZ	USA	2009	3:57.72	FERNANDO NAJERA	MEX	2003
*****				27:56.50	LEE ARTH	USA	2005	50 M. FLY			
50 M. FREE				50 M. BACK				39.66	YOSHIO ISHIGURO	JPN	2011
32.61	KEIJIRO NAKAMURA	JPN	2004	38.26	KEIJIRO NAKAMURA	JPN	2003	40.24	FRANK PIEMME	USA	2005
32.80	FRANK PIEMME	USA	2005	40.61	ILO FONSECA	BRA	2010	40.25	TOSHIO TAJIMA	JPN	2005
33.23	B.SCHLURIKE	GER	2001	41.31	SHOICHI SHIDA	JPN	2006	40.40	TAMON YOSHIDA	JPN	2007
33.60	ILO FONSECA	BRA	2010	41.58	PAUL HUTINGER	USA	2004	41.87	ANDREW HOLDEN	USA	1999
33.73	SHINGO YAMAMOTO	JPN	2011	42.11	DALE WEBSTER	USA	2006	42.14	MAX VON ISSER	USA	1999
				42.16	SHOICHI SAKAMOTO	JPN	1998	42.50	JAN ZIEGLER	CZE	2005



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42.66	SILVANO DANIELI	ITA	2008	36.61	JIM EUBANK	USA	2000	47.34	ALDO DA ROSA	USA	2002
42.86	SUEO YAMAGUCHI	JPN	2010	37.08	SHOICHI SAKAMOTO	JPN	2003	48.08	WILLARD LAMB	USA	2008
43.20	ASHLEY JONES	USA	2011	37.16	WOODROW BOWERSOCK	USA	1998	48.79	EDWARD SHEA	USA	1999
100 M. FLY				37.85	ANDREW HOLDEN	USA	2004	49.24	ANDREW HOLDEN	USA	2004
1:32.68	GIULIO DIVANO	ITA	2011	37.96	WILLIAM JOHNSTON	USA	2003	49.75	PAUL HUTINGER	USA	2009
1:36.53	KARL HAUTER	GER	2005	38.08	JIRO KOBAYASHI	JPN	2010	49.75	C.SCHERER	GER	1999
1:41.82	JAN ZIEGLER	CZE	2005	100 M. FREE				100 M. BACK			
1:43.20	MAX VAN GELDER	NED	2004	1:19.42	KEIJIRO NAKAMURA	JPN	2008	1:28.98	KEIJIRO NAKAMURA	JPN	2008
1:44.29	THOMAS MAINE	USA	2007	1:23.20	JIM EUBANK	USA	2000	1:39.08	GORO KOBAYASHI	JPN	2002
1:46.68	SILVANO DANIELI	ITA	2008	1:25.28	FRANK PIEMME	USA	2010	1:40.25	TOSHIJI SATO	JPN	2000
1:47.17	FRANK PIEMME	USA	2005	1:25.28	WILLARD LAMB	USA	2007	1:42.84	KARL HAUTER	GER	2010
1:48.41	MINORU NAGASHIMA	JPN	2006	1:27.00	HIKOJI UEKI	JPN	2000	1:47.93	WILLARD LAMB	USA	2009
1:50.39	ANTON CERER	USA	1997	1:29.00	KARL HAUTER	GER	2010	1:48.79	ALDO DA ROSA	USA	2002
1:52.51	WALT PFEIFFER	USA	1994	1:29.62	WOODY BOWERSOCK	USA	1998	1:48.95	EDWARD SHEA	USA	1999
200 M. FLY				1:29.92	GORO KOBAYASHI	JPN	2003	1:50.96	R.REINSTEDTLER	GER	2000
3:30.11	GIULIO DIVANO	ITA	2011	1:30.77	TOSHIMI INATOMI	JPN	2011	1:51.57	KAIZO WATANABE	JPN	2008
3:52.41	THOMAS MAINE	USA	2007	1:32.87	HIROSHI IMAIZUMI	JPN	2010	1:51.74	PAUL HUTINGER	USA	2009
4:00.64	ANTON CERER	USA	1997	200 M. FREE				200 M. BACK			
4:17.12	PAUL KRUP	USA	1997	3:12.85	WILLARD LAMB	USA	2007	3:18.29	KEIJIRO NAKAMURA	JPN	2008
4:17.29	MINORU NAGASHIMA	JPN	2006	3:13.45	JIM EUBANK	USA	2000	3:37.45	GORO KOBAYASHI	JPN	2002
4:18.70	HIRONARI UEDA	JPN	2002	3:14.70	KARL HAUTER	GER	2010	3:55.12	WILLARD LAMB	USA	2008
4:20.52	KARL HAUTER	GER	2008	3:15.87	HIKOJI UEKI	JPN	2000	4:00.80	ALDO DA ROSA	USA	2002
4:23.29	TOSHIMASA MINAMI	JPN	2010	3:20.73	JIRO KOBAYASHI	JPN	2010	4:02.65	RYUJI FUJIKAWA	JPN	2002
4:25.99	WALTER PFEIFFER	USA	1994	3:26.81	JURGEN SCHMIDT	USA	2009	4:05.07	JOHN MERRILL	USA	2005
4:27.06	FRANK TANNER	USA	2011	3:29.01	TOKUSHI KOMEDA	JPN	2000	4:05.25	C.SCHERER	GER	1999
100 M. I.M.				3:30.18	FRANK PIEMME	USA	2011	4:06.86	EDWARD SHEA	USA	2000
1:30.18	ZENJI NAKAHARI	JPN	2008	3:37.28	TOSHIMI INATOMI	JPN	2011	4:09.25	NILS FERM	SWE	2003
1:31.23	GIULIO DIVANO	ITA	2011	3:37.37	THOMAS MAINE	USA	2010	4:09.66	R.REINSTADTLER	GER	1999
1:31.77	SHOICHI SHIDA	JPN	2006	400 M. FREE				50 M. BRST			
1:32.25	KARL HAUTER	GER	2005	7:13.19	WILLARD LAMB	USA	2009	44.47	TOSHIO TAJIMA	JPN	2010
1:32.65	FRANK PIEMME	USA	2005	7:14.98	FRANK PIEMME	USA	2010	47.24	FRANK PIEMME	USA	2010
1:33.50	JAN ZIEGLER	CZE	2006	7:19.56	THOMAS MAINE	USA	2010	47.66	Y.KAWABATA	JPN	2010
1:35.31	RAY TAFT	USA	1999	7:19.94	JIM EUBANK	USA	2000	47.70	Y.MIYAMOTO	JPN	2002
1:35.41	W MORGAN BYERS	USA	2009	7:22.76	HIROSHI IMAIZUMI	JPN	2010	48.82	HIROMU YOSHIMOTO	JPN	2000
1:35.60	MAX VAN GELDER	NED	2004	7:24.82	JURGEN SCHMIDT	USA	2008	48.86	KARL HAUTER	GER	2011
1:36.87	ASHLEY JONES	USA	2011	7:27.29	TOKUSHI KOMEDA	JPN	1999	50.04	SEIJI TAKAHASHI	JPN	2000
200 M. I.M.				7:47.75	ALDO DA ROSA	USA	2002	50.25	R.REINSTADTLER	GER	2000
3:18.55	GIULIO DIVANO	ITA	2011	7:49.70	RYUJI FUJIKAWA	JPN	2002	50.44	WALTER MINNICH	GER	2004
3:26.48	KARL HAUTER	GER	2006	7:54.24	GUS LANGNER	USA	1988	50.69	H.REITEMEYER	GER	2006
3:37.04	RAYMOND TAFT	USA	1999	800 M. FREE				100 M. BRST			
3:38.22	FRANK TANNER	USA	2011	14:04.48	WILLARD LAMB	USA	2008	1:43.72	KARL HAUTER	GER	2010
3:39.09	S.KROKOSZYNSKI	POL	2010	15:03.26	JURGEN SCHMIDT	USA	2008	1:47.97	TOSHIO TAJIMA	JPN	2010
3:39.84	ALDO DA ROSA	USA	1998	15:05.68	HIROSHI IMAIZUMI	JPN	2010	1:50.32	HIROMU YOSHIMOTO	JPN	2000
3:41.81	GRAHAM JOHNSTON	USA	2011	15:15.07	FRANK PIEMME	USA	2010	1:53.02	FRANK PIEMME	USA	2010
3:42.99	FRANK PIEMME	USA	2008	15:15.68	JIM EUBANK	USA	2000	1:56.21	ALDO DA ROSA	USA	2002
3:44.29	THOMAS MAINE	USA	2005	16:19.95	TOKUSHI KOMEDA	JPN	1999	1:59.82	Y.MIYAMOTO	JPN	2002
3:46.96	ANTON CERER	USA	1997	16:28.13	HAROLD DODD	GBR	2001	2:00.02	H.REITEMEYER	GER	2006
400 M. I.M.				16:35.66	DICK GUIDO	USA	2002	2:01.87	LUDWIG GEBURZI	GER	2006
6:58.11	GIULIO DIVANO	ITA	2011	16:38.41	NILS FERM	SWE	2003	2:03.83	MAX VON ISSER	USA	2004
7:26.06	KARL HAUTER	GER	2005	16:53.90	GUS LANGNER	USA	1988	2:04.08	THOMAS MAINE	USA	2010
7:37.58	RAY TAFT	USA	1999	1500 M. FREE				200 M. BRST			
7:49.23	FRANK PIEMME	USA	2005	28:17.36	WILLARD LAMB	USA	2008	4:05.91	FRANK PIEMME	USA	2010
7:53.88	ALDO DA ROSA	USA	1998	29:16.62	JURGEN SCHMIDT	USA	2008	4:13.03	THOMAS MAINE	USA	2010
7:55.53	THOMAS MAINE	USA	2007	29:55.69	JIM EUBANK	USA	2000	4:16.20	ALDO DA ROSA	USA	2002
8:00.81	ANTON CERER	USA	1997	30:31.85	TOKUSHI KOMEDA	JPN	1999	4:20.43	HIROMU YOSHIMOTO	JPN	2001
8:03.48	FRANK TANNER	USA	2011	31:05.09	RYUJI FUJIKAWA	JPN	2002	4:28.38	Y.MIYAMOTO	JPN	2002
8:07.83	GRAHAM JOHNSTON	USA	2011	32:11.96	HAROLD DODD	GBR	2004	4:32.75	WATARU ASAOKA	JPN	2011
8:33.86	JURGEN SCHMIDT	USA	2003	32:20.20	GUS LANGNER	USA	1988	4:33.70	FERNANDO NAJERA	MEX	2009
*****				32:43.03	NILS FERM	SWE	2003	4:36.88	PAUL KRUP	USA	2002
M E N 85-89				33:50.15	ARTHUR THOMAS	AUS	2002	4:40.49	H.REITEMEYER	GER	2008
*****				34:02.37	RICHARD SMITH	USA	2005	4:41.35	JACQUES AMYOT	CAN	2009
50 M. FREE				50 M. BACK				50 M. FLY			
34.54	KEIJIRO NAKAMURA	JPN	2008	40.59	KEIJIRO NAKAMURA	JPN	2009	43.35	MAX VON ISSER	USA	2004
36.26	FRANK PIEMME	USA	2010	43.80	GORO KOBAYASHI	JPN	2001	44.10	TOSHIO TAJIMA	JPN	2010
36.31	TOSHIMI INATOMI	JPN	2011	46.08	TOSHIJI SATO	JPN	2000	44.69	TAMON YOSHIDA	JPN	2011
36.51	WILLARD LAMB	USA	2007	46.35	SHOICHI SAKAMOTO	JPN	2003	45.50	FRANK PIEMME	USA	2010
				47.17	R.REINSTADTLER	GER	1997	47.89	ANDREW HOLDEN	USA	2004



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50.51	Y.MIYAMOTO	JPN	2002	42.76	GEORGE CORONES	AUS	2009	55.25	JOHN MERRILL	USA	2007
51.28	THOMAS MAINE	USA	2010	42.93	TOKUSHI KOMEDA	JPN	2004	55.47	KAZUNAGA AKUTSU	JPN	2003
52.74	WALT PFEIFFER	USA	1998	43.89	KAZUNAGA AKUTSU	JPN	2002	56.02	NILS FERM	SWE	2007
53.00	PAUL KRUP	USA	2004	43.91	ISAMU TAMURA	JPN	2009	56.15	MASAHISA KANEKO	JPN	2003
53.41	LUDWIG GEBURZI	GER	2006	45.03	R.REINSTADTLER	GER	2002	56.58	STEVE CARLSON	USA	2009
100 M. FLY				45.58	STEVE CARLSON	USA	2009	57.09	WOODY BOWERSOCK	USA	2003
1:53.78	THOMAS MAINE	USA	2010	45.92	MASAHISA KANEKO	JPN	2002	57.42	FRED SCHULHOF	CAN	2009
1:54.07	FRANK PIEMME	USA	2010	46.23	MASAO UEDA	JPN	2002	100 M. BACK			
2:01.65	ANDREW HOLDEN	USA	2004	100 M. FREE				1:47.66	GORO KOBAYASHI	JPN	2006
2:04.50	WALT PFEIFFER	USA	1998	1:39.26	WOODY BOWERSOCK	USA	2003	1:58.27	TOSHIJI SATO	JPN	2005
2:13.39	ALDO DA ROSA	USA	2002	1:41.47	TOKUSHI KOMEDA	JPN	2004	2:00.03	JOHN MERRILL	USA	2007
2:15.51	LUDWIG GEBURZI	GER	2007	1:45.28	GORO KOBAYASHI	JPN	2007	2:00.25	R.REINSTADTLER	GER	2002
2:15.74	PAUL KRUP	USA	2003	1:45.44	GEORGE CORONES	AUS	2009	2:05.76	NILS FERM	SWE	2009
2:17.41	PAUL HUTINGER	USA	2009	1:47.51	MASAHISA KANEKO	JPN	2002	2:06.00	WOODY BOWERSOCK	USA	2003
2:23.30	R.REINSTADTLER	GER	1997	1:47.70	STEVE CARLSON	USA	2009	2:09.05	MASAHISA KANEKO	JPN	2003
2:25.92	ALDO CAPUTI	ITA	2003	1:51.96	HEINZ SIEGEL	GER	2004	2:10.00	JOHN HARRISON	GBR	2006
200 M. FLY				1:54.87	R.REINSTADTLER	GER	2002	2:10.71	ROGERS HOLMES	USA	2011
4:12.21	THOMAS MAINE	USA	2010	1:56.86	ARTHUR THOMAS	AUS	2007	2:12.11	ALFRED SCHULHOF	CAN	2011
4:49.10	WALT PFEIFFER	USA	1998	1:56.88	GASTAO FIGUEIREDO	BRA	2000	200 M. BACK			
5:01.50	PAUL KRUP	USA	2002	200 M. FREE				3:59.25	GORO KOBAYASHI	JPN	2007
5:15.25	PAUL HUTINGER	USA	2009	3:39.65	TOKUSHI KOMEDA	JPN	2004	4:20.68	R.REINSTADTLER	GER	2002
5:29.72	DON LEADER	GBR	2009	3:48.53	GORO KOBAYASHI	JPN	2007	4:25.14	JOHN MERRILL	USA	2007
5:33.83	HIRONARI UEDA	JPN	2006	3:59.28	WOODY BOWERSOCK	USA	2003	4:29.54	NILS FERM	SWE	2007
6:10.72	WILLIAM JOHNSTON	USA	2003	4:03.31	STEVE CARLSON	USA	2009	4:45.91	ROGERS HOLMES	USA	2011
6:33.38	BOB DOUD	USA	2009	4:20.43	GASTAO FIGUEIREDO	BRA	2000	4:47.45	WOODY BOWERSOCK	USA	2003
7:59.16	JAY CHARLES	USA	2007	4:23.15	MASAHISA KANEKO	JPN	2003	4:54.70	ALFRED SCHULHOF	CAN	2010
8:26.16	ROY BODINE	USA	1997	4:26.25	ARTHUR THOMAS	AUS	2007	4:56.88	H.MIYAZAKI	JPN	2010
100 M. I.M.				4:27.02	NILS FERM	SWE	2007	4:56.91	GASTAO FIGUEIREDO	BRA	2000
1:32.47	HEINZ SIEGEL	GER	2003	4:27.70	GUS LANGNER	USA	1993	5:00.38	JOHN HARRISON	GBR	2004
1:40.78	KARL HAUTER	GER	2010	4:41.18	L GENE CROSSET	USA	2003	50 M. BRST			
1:42.41	FRANK PIEMME	USA	2010	400 M. FREE				53.23	HEINZ JAHR	GER	1997
1:47.12	HIROSHI IMAIZUMI	JPN	2010	8:50.65	GUS LANGNER	USA	1993	55.68	HIROMU YOSHIMOTO	JPN	2005
1:48.23	ANDREW HOLDEN	USA	2004	8:52.99	STEVE CARLSON	USA	2009	58.72	ISAMU TAMURA	JPN	2009
1:48.52	THOMAS MAINE	USA	2010	9:05.71	JOHN MERRILL	USA	2007	1:00.00	JOHN HARRISON	GBR	2006
1:54.88	SHOICHI SHIDA	JPN	2011	9:16.99	NILS FERM	SWE	2007	1:01.52	FRED SCHULHOF	CAN	2009
1:55.20	LUDWIG GEBURZI	GER	2006	9:23.13	AUSTIN NEWMAN	USA	2005	1:02.37	ALDO CAPUTI	ITA	2005
1:55.35	MAX VON ISSER	USA	2004	9:34.51	TOKUSHI KOMEDA	JPN	2006	1:02.62	GEORGE CORONES	AUS	2008
1:56.26	R.REINSTADTLER	GER	1997	9:37.35	WOODY BOWERSOCK	USA	2003	1:03.85	R.REINSTADTLER	GER	2002
200 M. I.M.				9:41.12	R.REINSTADTLER	GER	2003	1:04.67	HEINZ SIEGEL	GER	2004
3:48.34	KARL HAUTER	GER	2010	9:41.16	KARL BAYERLEIN	GER	2011	1:05.61	HANS PAUL	GER	1998
3:50.46	FRANK PIEMME	USA	2010	9:47.46	JIM TRIOLO	USA	2004	100 M. BRST			
3:54.61	THOMAS MAINE	USA	2010	800 M. FREE				2:15.14	HIROMU YOSHIMOTO	JPN	2005
4:02.22	HIROSHI IMAIZUMI	JPN	2010	18:36.25	NILS FERM	SWE	2008	2:23.92	RUSS WITTE	USA	2008
4:07.59	ALDO DA ROSA	USA	2002	18:49.01	AUSTIN NEWMAN	USA	2005	2:32.87	MASAHISA KANEKO	JPN	2002
4:19.20	ANDREW HOLDEN	USA	2004	19:31.83	WOODY BOWERSOCK	USA	2003	2:33.12	GEORGE CORONES	AUS	2008
4:24.58	WALT PFEIFFER	USA	1998	20:33.27	HUGH MCGREGOR	CAN	2009	2:33.67	ALFRED SCHULHOF	CAN	2010
4:32.34	JURGEN SCHMIDT	USA	2008	20:42.60	KARL BAYERLEIN	GER	2011	2:39.96	E OLE LARSON	USA	2011
4:34.43	G EDWARD RUDLOFF	USA	2009	20:48.59	JOHN HARRISON	GBR	2004	2:45.20	JIM PENFIELD	USA	1998
4:40.84	JACQUES AMYOT	CAN	2009	21:58.06	E OLE LARSON	USA	2011	2:46.31	WALT PFEIFFER	USA	2003
400 M. I.M.				22:07.71	JOHN BRICE	AUS	2009	2:49.83	ROMAN JEZEK	CAN	2004
8:12.94	THOMAS MAINE	USA	2010	22:29.57	BUD JACKSON	USA	2010	2:49.96	JIM PANTON	CAN	2004
8:32.50	FRANK PIEMME	USA	2010	23:32.20	GUS LANGNER	USA	1998	200 M. BRST			
9:32.65	WALT PFEIFFER	USA	1998	1500 M. FREE				4:59.71	HIROMU YOSHIMOTO	JPN	2005
9:36.09	ANDREW HOLDEN	USA	2004	35:20.36	AUSTIN NEWMAN	USA	2005	5:32.73	GEORGE CORONES	AUS	2009
9:48.58	JURGEN SCHMIDT	USA	2008	38:17.40	NILS FERM	SWE	2007	5:35.74	MASAHISA KANEKO	JPN	2003
10:13.47	DON LEADER	GBR	2009	38:53.33	HUGH MCGREGOR	CAN	2009	5:44.96	RUSS WITTE	USA	2008
10:26.11	HIRONARI UEDA	JPN	2006	39:33.78	WOODY BOWERSOCK	USA	2004	5:46.96	E OLE LARSON	USA	2011
10:47.13	HERB EISENSCHMIDT	USA	1991	40:43.49	JOHN HARRISON	GBR	2004	5:58.17	WALT PFEIFFER	USA	2003
11:07.74	WILLIAM JOHNSTON	USA	2003	42:51.20	JOHN BRICE	AUS	2009	6:04.27	BUD JACKSON	USA	2010
11:48.29	TOM MC CALL	USA	2007	43:49.29	E OLE LARSON	USA	2011	6:05.47	FRED SCHULHOF	CAN	2009
*****				44:48.99	GUS LANGNER	USA	1996	6:06.92	ROMAN JEZEK	CAN	2004
M E N 90-94				47:19.71	EUGENE LEHMAN	CAN	2004	6:11.93	ALDO CAPUTI	ITA	2005
*****				51:43.20	PAUL E. SPANGLER	USA	1990	50 M. FLY			
50 M. FREE				50 M. BACK				56.09	WALT PFEIFFER	USA	2003
41.07	WOODY BOWERSOCK	USA	2003	52.49	GORO KOBAYASHI	JPN	2008	1:00.50	HEINZ JAHR	GER	1997
42.60	GORO KOBAYASHI	JPN	2006	53.24	R.REINSTADTLER	GER	2002	1:07.00	ALDO CAPUTI	ITA	2005
				53.32	TOSHIJI SATO	JPN	2005	1:08.25	R.REINSTADTLER	GER	2002



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1:09.41 HEINZ SIEGEL	GER 2004	8:12.83 EUGENE LEHMAN	CAN 2008	9:50.55 WALTER PFEIFFER	USA 2008
1:22.46 NORI YAMAMOTO	JPN 1999	9:40.12 JEAN STORZ	FRA 2009	400 M. I.M.	
1:25.02 JOHN HARRISON	GBR 2004	400 M. FREE		21:03.17 WALTER PFEIFFER	USA 2008
1:29.42 JIM PENFIELD	USA 1998	10:51.93 GUS LANGNER	USA 1998	*****	
1:38.44 ROMAN JEZEK	CAN 2004	12:24.23 JOHN HARRISON	GBR 2009	M E N 100-104	
1:40.91 EUGENE LEHMAN	CAN 2004	16:31.48 EUGENE LEHMAN	CAN 2008	*****	
100 M. FLY		800 M. FREE		50 M. FREE	
2:21.82 WALT PFEIFFER	USA 2003	22:05.55 GUS LANGNER	USA 1998	1:16.92 JARING TIMMERMAN	CAN 2009
2:41.14 ALDO CAPUTI	ITA 2005	32:46.93 EUGENE LEHMAN	CAN 2008	2:06.66 TOM LANE	USA 1995
4:25.80 EUGENE LEHMAN	CAN 2003	1500 M. FREE		2:07.41 HANS HAHN	GER 2008
4:50.20 BILL REEDER	USA 2001	41:29.87 GUS LANGNER	USA 1998	100 M. FREE	
200 M. FLY		50 M. BACK		3:02.22 JARING TIMMERMAN	CAN 2009
5:37.23 WALT PFEIFFER	USA 2003	1:01.25 KAZUNAGA AKUTSU	JPN 2007	4:32.29 TOM LANE	USA 1995
9:14.77 EUGENE LEHMAN	CAN 2003	1:06.23 GORO KOBAYASHI	JPN 2011	50 M. BACK	
100 M. I.M.		1:10.42 NORI YAMAMOTO	JPN 2004	1:45.59 JARING TIMMERMAN	CAN 2009
2:08.86 TOKUSHI KOMEDA	JPN 2004	1:12.83 JEAN LEEMPUT	FRA 2010	2:02.52 TOM LANE	USA 1995
2:14.23 WALT PFEIFFER	USA 2003	1:13.45 JOHN HARRISON	GBR 2009	2:09.37 HANS HAHN	GER 2008
2:16.67 R.REINSTADTLER	GER 2002	1:21.47 R.REINSTADTLER	GER 2007	4:17.99 NOBUO OTSUKI	JPN 2007
2:18.93 ALDO CAPUTI	ITA 2005	1:21.53 RUSS WITTE	USA 2011	100 M. BACK	
2:24.64 HEINZ SIEGEL	GER 2004	1:25.49 JARING TIMMERMAN	CAN 2004	3:51.54 JARING TIMMERMAN	CAN 2009
2:28.50 WOODY BOWERSOCK	USA 2003	1:25.89 ALDO CAPUTI	ITA 2010	5:01.82 HANS HAHN	GER 2008
2:32.79 NORI YAMAMOTO	JPN 2000	1:26.50 ROMAN JEZEK	CAN 2009		
2:41.51 RUSS WITTE	USA 2008	100 M. BACK			
2:42.05 E OLE LARSON	USA 2011	2:21.73 TOSHIJI SATO	JPN 2010		
2:49.39 JOHN HARRISON	GBR 2004	2:23.12 KAZUNAGA AKUTSU	JPN 2007		
200 M. I.M.		2:43.41 JEAN LEEMPUT	FRA 2010		
5:13.24 WALT PFEIFFER	USA 2003	2:46.68 JOHN HARRISON	GBR 2009		
6:10.00 JOHN HARRISON	GBR 2004	2:56.67 RUSS WITTE	USA 2011		
7:18.74 ROMAN JEZEK	CAN 2004	3:05.23 NORI YAMAMOTO	JPN 2005		
7:32.22 EUGENE LEHMAN	CAN 2004	3:21.49 ROMAN JEZEK	CAN 2009		
8:43.21 BILL REEDER	USA 2001	3:38.07 GUS LANGNER	USA 1998		
400 M. I.M.		3:39.44 RYUZO KADONO	JPN 2010		
11:15.65 WALT PFEIFFER	USA 2003	3:59.38 ALFREDO CHERCHI	AUS 2002		
15:45.53 EUGENE LEHMAN	CAN 2003	200 M. BACK			
17:59.19 BILL REEDER	USA 2000	6:18.51 JOHN HARRISON	GBR 2009		
*****		7:01.87 ALFREDO CHERCHI	AUS 2002		
M E N 95-99		8:32.34 GUS LANGNER	USA 1998		
*****		9:31.21 BILL REEDER	USA 2005		
50 M. FREE		50 M. BRST			
55.08 KAZUNAGA AKUTSU	JPN 2007	1:07.12 HIROMU YOSHIMOTO	JPN 2010		
57.57 GUS LANGNER	USA 1998	1:13.72 RUSS WITTE	USA 2011		
1:00.40 R.REINSTADTLER	GER 2007	1:22.80 KAZUNAGA AKUTSU	JPN 2007		
1:01.65 GERSON SOBEL	USA 2005	1:31.50 ROMAN JEZEK	CAN 2009		
1:02.43 MASAO UEDA	JPN 2007	1:31.60 GUS LANGNER	USA 1998		
1:06.95 JARING TIMMERMAN	CAN 2004	1:34.02 ALDO CAPUTI	ITA 2010		
1:10.32 ALFREDO CHERCHI	AUS 2002	1:47.18 MARTIN SCHMIDT	GER 2007		
1:12.53 JOHN HARRISON	GBR 2009	2:58.58 EUGENE LEHMAN	CAN 2008		
1:16.34 ROMAN JEZEK	CAN 2009	3:07.96 BILL REEDER	USA 2005		
1:16.91 JEAN LEEMPUT	FRA 2010	100 M. BRST			
100 M. FREE		2:31.77 HIROMU YOSHIMOTO	JPN 2010		
2:09.32 KAZUNAGA AKUTSU	JPN 2007	3:03.57 RUSS WITTE	USA 2011		
2:19.51 GUS LANGNER	USA 1998	3:24.92 ROMAN JEZEK	CAN 2009		
2:31.62 JARING TIMMERMAN	CAN 2004	3:35.33 GUS LANGNER	USA 1998		
2:43.76 JOHN HARRISON	GBR 2009	200 M. BRST			
2:49.91 JEAN LEEMPUT	FRA 2010	5:45.70 HIROMU YOSHIMOTO	JPN 2010		
3:06.54 R.REINSTADTLER	GER 2007	6:14.84 RUSS WITTE	USA 2011		
3:21.49 ROMAN JEZEK	CAN 2009	7:29.31 GUS LANGNER	USA 1998		
4:05.43 EUGENE LEHMAN	CAN 2008	8:00.06 ROMAN JEZEK	CAN 2009		
4:35.89 JEAN STORZ	FRA 2009	50 M. FLY			
4:49.19 DONALD POPE	USA 2010	1:35.76 ALDO CAPUTI	ITA 2010		
200 M. FREE		3:02.06 EUGENE LEHMAN	CAN 2008		
5:13.46 GUS LANGNER	USA 1998	100 M. FLY			
5:42.47 ALFREDO CHERCHI	AUS 2002	6:04.41 WALTER PFEIFFER	USA 2008		
5:55.45 JOHN HARRISON	GBR 2009	100 M. I.M.			
6:25.40 JEAN LEEMPUT	FRA 2010	3:33.98 GUS LANGNER	USA 1998		
8:00.06 ROMAN JEZEK	CAN 2009	5:45.94 BILL REEDER	USA 2005		
		200 M. I.M.			