

**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



*****		29.88	ORSOLYA TOMPA	HUN	2017	1:00.11	GIADA CANAVESI	ITA	2019
WOMEN 25-29		29.89	JING ZHAO	CHN	2019	1:01.04	RACHEL KOMISARZ	USA	2001
*****		30.01	ANJA VAN DER HOUT	NED	2015	1:01.40	HANNAH SAIZ	USA	2017
50	M. FREE	30.03	AMEL MELIH	ALG	2019	1:01.93	EMMA GAGE	GBR	2015
25.42	ANNABEL KOSTEN	30.07	CAROLINA COLORADO	COL	2016	1:02.10	B.STUDZINSKI	GER	2014
25.60	DARYA USTINOVA	100	M. BACK			1:02.25	P.KITTIYA	THA	2019
25.73	EMMA GAGE	1:01.60	EMI MORONUKI	USA	2018	1:02.35	AI SOMA	USA	2022
26.09	DARYA NADZHAFOVA	1:02.91	CAROLINA COLORADO	COL	2016	1:02.57	CAROLINA COLORADO	COL	2016
26.10	JENNIFER THATER	1:03.26	YURIE OGA	JPN	2014	200	M. FLY		
26.16	TATIANA BARBOSA	1:04.82	AKIKO MIZUMOTO	JPN	2007	2:15.02	HANNAH SAIZ	USA	2017
26.20	ALISON SHEPPARD	1:04.86	VALENTINA CATANIA	ITA	2021	2:16.82	KIM VAN KRUYSSSEN	BEL	2000
26.27	AMEL MELIH	1:04.88	KANA OHASHI	JPN	2007	2:17.41	KIE KANEKO	JPN	2022
26.31	FANNI PATAKI	1:05.02	ALISON SHEPPARD	GBR	1998	2:17.51	SHEILA TAORMINA	USA	1996
26.33	AI SOMA	1:05.16	FANNY BORER	SUI	2022	2:17.56	YUKO NAKANISHI	JPN	2010
100	M. FREE	1:05.18	G.WOJTWICZ	POL	2022	2:17.79	P.KITTIYA	THA	2019
56.87	TATIANA BARBOSA	1:05.44	AFRODITI GIARENI	GRE	2022	2:18.69	S.PALMERWHITE	AUS	1992
56.96	EMMA GAGE	200	M. BACK			2:18.77	FANNY BORER	SUI	2022
57.70	DANIELA SCHREIBER	2:13.19	EMI MORONUKI	USA	2018	2:18.80	CHIZUKO UMIGUCHI	JPN	1997
57.70	LAURA FERNANDEZ	2:15.03	CAROLINA COLORADO	COL	2016	2:20.61	LISA STAMM	SUI	2017
57.71	AIMEE RAMM	2:17.30	KANA OHASHI	JPN	2007	200	M. I.M.		
57.74	JENNIFER THATER	2:17.56	SOPHIE CASSON	GBR	2011	2:19.65	MARGOT JANDEL	GER	2003
57.76	SHEILA TAORMINA	2:19.56	FANNY BORER	SUI	2022	2:20.71	HITOMI MATSUDA	JPN	2005
57.89	HITOMI FUKUDA	2:19.97	DIANE GRANER	USA	1989	2:21.84	SVELTIANA KARPEEVA	RUS	2012
58.06	AMEL MELIH	2:20.76	MONIQUE RODAHL	NZL	1989	2:21.98	ALLISON WAGNER	USA	2005
58.09	V.CUNNINGHAM	2:20.88	ALISON SHEPPARD	GBR	1998	2:22.00	SHARRON DAVIES	GBR	1990
200	M. FREE	2:22.41	LIA OBERSTAR	USA	2004	2:22.57	B.STUDZINSKI	GER	2014
2:02.06	SHEILA TAORMINA	2:23.12	LEONIE VAN NOORT	NED	2018	2:22.89	MONIQUE RODAHL	NZL	1989
2:02.44	RACHEL KOMISARZ	50	M. BRST			2:22.92	BRITTA O'LEARY	USA	2013
2:04.06	MARIA ALVAREZ	31.60	MEGAN JENDRICK	USA	2010	2:23.24	MARJOLEIN DELNO	NED	2023
2:04.56	MEGAN JENDRICK	32.01	S.SEMINATORE	ITA	1989	2:23.39	RACHEL RIPLEY	USA	2019
2:05.41	AISHA THORNTON	32.03	ANNA KUZMICHEVA	RUS	2015	400	M. I.M.		
2:05.76	ANNA MAIBERGER	32.65	NICOLE HEIDEMANN	GER	2009	4:59.94	SABRINA MARZAHN	GER	2016
2:05.79	CAROLINE SAXBY	32.68	MONICA ALVAREZ	COL	2016	5:02.78	HITOMI MATSUDA	JPN	2006
2:05.81	MARINA HANSEN	32.75	YOSHIMI MIWA	JPN	2012	5:04.78	FANNY BORER	SUI	2022
2:06.21	P.KITTIYA	32.79	MANUELA NACKEL	GER	2000	5:04.80	ANNA SPIETZACK	GER	2015
2:06.33	CAROLINE CAVADINI	32.83	SONJA SCHOBER	GER	2012	5:05.29	SHARRON DAVIES	GBR	1990
400	M. FREE	33.01	RACHAEL WILSON	GBR	2016	5:06.34	SARA L SHAND	USA	1989
4:13.03	SHEILA TAORMINA	33.02	ZUZANA MIMOVICOVA	SVK	2017	5:06.37	V.KOLNIKOVA	SVK	2018
4:16.31	RACHEL KOMISARZ	33.02	SUVI PULKKINEN	FIN	2016	5:07.04	MARIANGEL HIDALGO	CRC	2014
4:17.93	MARIA ALVAREZ	100	M. BRST			5:07.27	MAREN SPIETZACK	GER	2015
4:18.62	SOPHIE CASSON	1:10.56	MEGAN JENDRICK	USA	2010	5:07.87	MARISSA CLAPP	USA	2015
4:21.89	SWANN OBERSON	1:10.63	RACHAEL WILSON	GBR	2016	*****			
4:22.53	AISHA THORNTON	1:11.60	IRINA SHVAEVA	RUS	2023	*****			
4:23.18	C.OESTRINGER	1:12.09	BRIGITTE BECUE	BEL	2000	*****			
4:23.62	CATHERINE BREED	1:12.34	MONICA ALVAREZ	COL	2016	*****			
4:23.81	NADINE REICHERT	1:12.37	NICOLE HEIDEMANN	GER	2011	*****			
4:24.11	SILVIA VIDA	1:12.39	SIBYLLE GRANICHER	SUI	2020	50	M. FREE		
800	M. FREE	1:12.65	HITOMI MATSUDA	JPN	2006	25.74	MARTINA MORAVCOVA	USA	2009
8:45.89	SWANN OBERSON	1:12.91	LOUISE DALGAARD	DEN	2018	25.99	TONI JEFFS	NZL	2002
8:47.44	RACHEL KOMISARZ	1:13.02	ELISA CELLI	ITA	2019	26.02	IRINA SHLEMOVA	RUS	2015
8:51.00	MARIA ALVAREZ	200	M. BRST			26.12	S.KNYAGININA	RUS	2015
8:51.48	NADINE REICHERT	2:32.35	IRINA SHVAEVA	RUS	2023	26.18	KATRINA RADKE	USA	2004
8:52.65	SOPHIE CASSON	2:34.46	HOSOKOSHI SATORI	JPN	2022	26.25	ANGEL MARTINO	USA	2000
8:53.93	K.BISHOP	2:35.46	HITOMI MATSUDA	JPN	2006	26.29	A-L.ARASSUS	FRA	2016
8:56.44	LAURA RIEDEMANN	2:35.82	NICOLE HEIDEMANN	GER	2009	26.37	S.NEILSON-BELL	USA	1988
9:03.24	AISHA THORNTON	2:35.93	SATORU KIKUCHI	JPN	2023	26.38	PEGGY GROSS	USA	2002
9:07.50	MARIA SANTAFE	2:36.77	CHISATO KAMIYAMA	JPN	2022	26.42	MASAKO IDA	JPN	2023
9:07.57	ALISA FATUM	2:37.68	ULRIKE GERNER	GER	2012	100	M. FREE		
1500	M. FREE	2:37.68	KATIE HENDERSON	GBR	2009	55.24	ERIKA ERNDL	USA	2009
16:34.89	SWANN OBERSON	2:38.21	DESIREE WEVER	GER	2019	55.62	MARTINA MORAVCOVA	USA	2008
16:39.77	RACHEL KOMISARZ	2:38.22	KATJA BRASCHOSS	GER	2006	56.89	N.JUNKRAJANG	THA	2019
16:53.78	SOPHIE CASSON	50	M. FLY			57.09	ANGEL MARTINO	USA	2000
17:26.88	PAULA WOOD	26.32	MASAKO KUROKI	JPN	2019	57.65	IRINA SHLEMOVA	RUS	2015
17:27.96	SHEILA TAORMINA	26.78	AI SOMA	USA	2022	58.01	PASCALE VERBAUWEN	BEL	1993
17:29.35	LENKA STERBOVA	26.99	SVELTIANA CHIMROVA	RUS	2023	58.09	SANDY NEILSON	USA	1988
17:38.09	S. PALMER-WHITE	27.10	EMMA GAGE	GBR	2015	58.20	HITOMI MATSUDA	JPN	2010
17:38.78	AMY POPE	27.14	MAY ATEF	EGY	2019	58.25	KATJA OTTO	GER	2014
17:41.64	LINDA GALLO	27.28	YUKA KATO	JPN	2015	58.30	JENNIFER THATER	GER	2023
17:50.23	AMY LEPPING	27.29	ANNA POLYAKOVA	RUS	2015	58.30	KATY SEXTON	GBR	2012
50	M. BACK	27.46	V.VLADYKINA	RUS	2015	200	M. FREE		
28.39	EMI MORONUKI	27.55	ELZANNE WERTH	RSA	2015	2:02.35	N.JUNKRAJANG	THA	2019
28.99	YURIE OGA	27.57	DARYA NADZHAFOVA	UKR	2018	2:04.05	DAWN HECKMAN	USA	2011
29.45	VALENTINA CATANIA	100	M. FLY			2:04.62	HITOMI MATSUDA	JPN	2009
29.60	MAI NAKAMURA	59.99	ANNA POLYAKOVA	RUS	2015	2:05.51	VERONICA BALSANO	BRA	2019
29.73	G.WOJTWICZ	1:00.07	MASAKO KUROKI	JPN	2019	2:05.91	CAROLINE SAXBY	AUS	2013
						2:05.97	SOPHIE CASSON	GBR	2017

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2:06.80	KARLYN PIPES	USA	1996	32.77	YUKO SAKAGUCHI	JPN	2009	5:02.23	N.VINOKURENKOVA	RUS	2014
2:06.91	MEGAN MELGAARD	USA	2012	32.84	ASAMI KITAGAWA	JPN	2018	5:02.87	AFRODITI GIARENI	GRE	2023
2:07.46	BETTINA MERKLE	GER	2019	32.94	GEORGINA HEYN	GBR	2018	5:03.97	KARLYN PIPES	USA	1996
2:07.84	BETH KNIGHT	USA	1989	33.15	LARISSA BRAK	NED	2019	5:04.67	MAREN SPIETZACK	GER	2017
	400 M. FREE			33.20	ELISA CELLI	ITA	2022	5:04.97	MARISSA CLAPP	USA	2017
4:18.63	DAWN HECKMAN	USA	2011	33.20	KATIE MCCLELLAND	USA	2008	5:05.05	HIDEKA KOSHIMIZU	JPN	1995
4:22.91	SOPHIE CASSON	GBR	2017		100 M. BRST			5:05.45	CHELSEA COLWILL	USA	2018
4:23.98	N.JUNKRAJANG	THA	2019	1:10.10	HITOMI MATSUDA	JPN	2009	5:07.26	ALICIA HALE	USA	2019
4:25.60	HITOMI MATSUDA	JPN	2008	1:11.49	N.VINOKURENKOVA	RUS	2015				
4:26.50	MEGAN MELGAARD	USA	2012	1:11.98	NICOLE HEIDEMANN	GER	2013				
4:27.11	CAROLINE SAXBY	AUS	2013	1:12.87	LOUISE HENLEY	GBR	2018				
4:27.11	KIRSTEN CAMERON	NZL	2007	1:13.20	GEORGINA HEYN	GBR	2018				
4:28.33	PILAR GEIJO	ARG	2014	1:13.29	KATIE MCCLELLAND	USA	2008				
4:28.76	KARLYN PIPES	USA	1996	1:13.32	SUSANNE HOCK	GER	2014				
4:30.38	BETH L KNIGHT	USA	1991	1:13.68	LARISSA BRAK	NED	2018				
	800 M. FREE			1:13.76	ELENA PICCARDO	ITA	2019				
8:46.47	DAWN HECKMAN	USA	2011	1:13.81	SARRA LAJNEF	UAE	2019				
8:58.94	SOPHIE CASSON	GBR	2017		200 M. BRST						
9:00.00	N.JUNKRAJANG	THA	2019	2:28.93	HITOMI MATSUDA	JPN	2009				
9:13.22	KIRSTEN CAMERON	NZL	2007	2:35.90	N.VINOKURENKOVA	RUS	2014				
9:16.82	LYNN MARSHALL	CAN	1992	2:37.66	PETRA CHOCOVA	CZE	2018				
9:17.54	YVETTA HLAVACOVA	CZE	2005	2:38.90	MARISSA CLAPP	USA	2017				
9:19.96	SUSAN PORTER	USA	1994	2:39.37	SUSANNE HOCK	GER	2014				
9:20.20	BETH L KNIGHT	USA	1991	2:39.71	NICOLE HEIDEMANN	GER	2013				
9:20.65	AYAKA MATSUSHITA	JPN	2023	2:39.95	JENNY HOLTZEN	USA	2023				
9:21.60	KELLY HIGGINS	AUS	2011	2:40.45	ELENA PICCARDO	ITA	2019				
	1500 M. FREE			2:40.90	A.JANITZKI	GER	2010				
17:11.25	HEIDI GEORGE	USA	2009	2:41.42	BELEN DOMENECH	ESP	2016				
17:20.55	SOPHIE CASSON	GBR	2017		50 M. FLY						
17:32.48	DAWN HECKMAN	USA	2008	27.48	MARTINA MORAVCOVA	USA	2009				
17:38.70	KAREN BURTON	USA	1996	27.59	ANGEL MARTINO	USA	2000				
17:43.52	KIRSTEN CAMERON	NZL	2007	27.61	NORIKO INADA	USA	2012				
17:48.42	YUREMA REQUENA	ESP	2014	27.73	NADINE ROLLAND	CAN	2008				
17:48.44	K.PIPES-NEILSEN	USA	1996	27.74	MASAKO IDA	JPN	2023				
17:48.60	LISA HAZEN	USA	1996	27.75	SUVI PULKKINEN	FIN	2019				
17:53.12	BROOKE BENNETT	USA	2012	28.04	IRINA SHLEMOVA	RUS	2015				
17:53.21	MATSUSHITA AYAKA	JPN	2023	28.06	HANNAH CARON	USA	2023				
	50 M. BACK			28.06	S.KNYAGININA	RUS	2015				
	28.57	NORIKO INADA	USA	2012	28.12	LUISA RAZETO	GER	2022			
	28.95	MAI NAKAMURA	JPN	2009		100 M. FLY					
	29.14	JEZABEL SERRANO	ARG	2021	58.81	MARTINA MORAVCOVA	USA	2008			
	29.49	A.FESIKOVA	RUS	2023	1:00.03	ANGEL MARTINO	USA	2000			
	29.55	MARTINA MORAVCOVA	USA	2009	1:01.19	L. CARVALHO	AUS	2010			
	29.70	KANA OHASHI	JPN	2009	1:01.77	AFRODITI GIARENI	GRE	2023			
	29.74	YURIE OGA	JPN	2023	1:01.79	HITOMI MATSUDA	JPN	2009			
	29.84	KATY SEXTON	GBR	2013	1:03.25	ANNA POLYAKOVA	RUS	2018			
	30.28	VERONICA NERI	ITA	2022	1:03.66	DANIELA KARST	GER	2023			
	30.32	KANA YAMAGUCHI	JPN	2011	1:03.76	B.BOULSEVICZ	HUN	2017			
	100 M. BACK			1:03.93	TRACIE MOLL	USA	1998				
1:01.78	NORIKO INADA	USA	2011	1:03.94	KENDRA CHERNOFF	CAN	2023				
1:03.30	KATY SEXTON	GBR	2012		200 M. FLY						
1:03.78	SARABETH METZGER	USA	2009	2:13.60	METTE JACOBSEN	DEN	2006				
1:04.40	KANA OHASHI	JPN	2009	2:18.21	AFRODITI GIARENI	GRE	2023				
1:04.97	KELLY HARRIGAN	USA	2014	2:20.07	EVGUENIA OJOGUINA	RUS	1999				
1:05.41	VERONICA NERI	ITA	2023	2:20.12	KARLYN PIPES	USA	1996				
1:05.42	DIANE GALLAS	USA	1996	2:21.24	YUKIE UBUKATA	JPN	2012				
1:05.50	IRYNA BOLSHAKOVA	UKR	2018	2:21.46	LAURA BIANZANI	ITA	2004				
1:05.54	KARLYN PIPES	USA	1996	2:21.50	HITOMI MATSUDA	JPN	2007				
1:06.35	VENDULA ANTOSOVA	CZE	2017	2:22.35	DANIELA KARST	GER	2023				
	200 M. BACK			2:22.57	HIDEKA KOSHIMIZU	JPN	1995				
2:17.61	SARABETH METZGER	USA	2009	2:22.65	VIKTORIA FELFOLDI	HUN	2018				
2:17.73	KARLYN PIPES	USA	1996		200 M. I.M.						
2:18.05	KANA YAMAGUCHI	JPN	2012	2:13.89	ERIKA ERNDL	USA	2009				
2:18.76	SOPHIE CASSON	GBR	2017	2:19.28	HITOMI MATSUDA	JPN	2010				
2:21.26	DIANE GALLAS	USA	1996	2:20.17	AFRODITI GIARENI	GRE	2023				
2:22.52	JOANNA CORBEN	GBR	2002	2:21.28	N.VINOKURENKOVA	RUS	2013				
2:23.00	KELLY HARRIGAN	USA	2018	2:23.12	KARLYN PIPES	USA	1996				
2:23.47	DAPHNE FUCHS	GER	1993	2:23.35	ALICIA HALE	USA	2018				
2:23.56	ROBERTA IOPPI	ITA	2016	2:23.50	SARABETH METZGER	USA	2009				
2:23.67	RACHAEL KEIR	GBR	2016	2:23.70	VERONICA BALSANO	BRA	2019				
	50 M. BRST			2:23.94	MAREN SPIETZACK	GER	2017				
	31.88	PETRA CHOCOVA	CZE	2018	2:24.12	NADINE DAY	USA	2004			
	32.22	NICOLE HEIDEMANN	GER	2013		400 M. I.M.					
	32.40	N.VINOKURENKOVA	RUS	2015	4:56.08	HITOMI MATSUDA	JPN	2009			
	32.42	HITOMI MATSUDA	JPN	2009	5:00.76	VERONICA BALSANO	BRA	2019			

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18:09.11	CAROLINA BENEYTO	ESP	2014	28.24	ANNA POLYAKOVA	RUS	2021	200 M. FREE		
18:09.36	LISA HAZEN	USA	1999	28.25	ANNA DUDA	POL	2017	2:09.00	K PIPES-NEILSEN	USA 2003
18:12.11	SUSAN PAMELIA	USA	1987	28.25	R.CRESCENTINI	ITA	2011	2:09.78	KIRSTEN CAMERON	GBR 2016
50 M. BACK				28.32	TRACIE MOLL	USA	1999	2:10.38	CINDY BERTELINK	CAN 2017
28.63	NORIKO INADA	USA	2016	28.35	CAROLINA SARRUF	BRA	2022	2:10.47	KATIE GLENN	USA 2016
30.17	SHERI HART	USA	2010	100 M. FLY				2:10.50	S.VON DER LIPPE	USA 2007
30.26	ERI Tabei	JPN	2023	1:02.04	CAROLINA SARRUF	BRA	2022	2:11.05	CLAUDIA POLL	CRC 2014
30.47	ALENA NYVLTOVA	CZE	2017	1:02.44	LYNNE HAYES	AUS	2009	2:11.63	BARBARA KEHBEIN	GER 2013
30.89	KANA OHASHI	JPN	2013	1:03.08	ERIKA ERNDL	USA	2016	2:12.24	AMANDA PICARD	SUI 2008
30.94	CARLA STAMPFLI	SUI	2022	1:03.52	MELANIA BUSSIÈRE	CAN	2008	2:12.75	SUSANNE SIMPSON	USA 2002
31.01	KANA MORIHISA	JPN	2017	1:03.79	TRACIE MOLL	USA	1999	2:12.77	VALERIA VERGANI	ITA 2013
31.11	VICTORIA READING	GBR	2023	1:03.81	DANIELLE HERRMANN	USA	2022	400 M. FREE		
31.22	MARIA RIVERA	VEN	2010	1:03.97	KRISTINA ULVELING	USA	2009	4:22.87	JANET EVANS	USA 2011
31.24	GISELI PEREIRA	BRA	2011	1:04.34	K PIPES-NEILSEN	USA	1998	4:28.24	KIRSTEN CAMERON	GBR 2015
100 M. BACK				1:04.59	HITOMI MATSUDA	JPN	2014	4:28.24	K PIPES-NEILSEN	USA 2002
1:01.75	NORIKO INADA	USA	2017	1:04.91	DEBBIE YOUNGER	CAN	2005	4:34.33	AMANDA PICARD	SUI 2008
1:04.99	SHERI HART	USA	2010	200 M. FLY				4:34.33	SUSAN PRESTON	USA 2006
1:05.12	ERI Tabei	JPN	2023	2:20.21	K.PIPES-NEILSEN	USA	1997	4:34.43	KATIE GLENN	USA 2016
1:05.41	K.PIPES-NEILSEN	USA	1997	2:20.86	CAROLINA SARRUF	BRA	2022	4:35.74	PENNY PALFREY	AUS 2002
1:05.58	KANA OHASHI	JPN	2013	2:22.05	HITOMI MATSUDA	JPN	2012	4:36.05	HEIDI GEORGE	USA 2018
1:06.34	KELLY HARRIGAN	USA	2019	2:22.61	ILDIKO SZEKELY	USA	2016	4:36.26	SUSAN DOMBKOWSKI	USA 2006
1:06.34	GISELI PEREIRA	BRA	2011	2:23.78	V.HADEN-FELFOLDI	HUN	2022	4:37.57	CINDY BERTELINK	CAN 2017
1:06.40	CARLA STAMPFLI	SUI	2022	2:24.86	ANNA SPIETZACK	GER	2022	800 M. FREE		
1:06.91	JODY SMITH	USA	2008	2:26.22	MAREN SPIETZACK	GER	2023	8:59.06	JANET EVANS	USA 2011
1:07.43	VICTORIA READING	GBR	2023	2:26.34	CARLA BECKMANN	GER	2019	9:06.86	KIRSTEN CAMERON	GBR 2015
200 M. BACK				2:26.36	SHEILA TAORMINA	USA	2006	9:21.16	HEIDI GEORGE	USA 2017
2:18.20	K.PIPES-NEILSEN	USA	1997	2:26.38	LAURA B VAL	USA	1989	9:24.77	K PIPES-NEILSEN	USA 2002
2:19.98	NORIKO INADA	USA	2017	200 M. I.M.				9:24.90	PENNY PALFREY	AUS 2002
2:20.67	KANA OHASHI	JPN	2013	2:21.09	DANIELLE HERRMANN	USA	2022	9:25.95	SUSAN PRESTON	USA 2006
2:22.07	JODY SMITH	USA	2008	2:21.47	HITOMI MATSUDA	JPN	2012	9:25.95	SUZAN HEIM-BOWEN	USA 2001
2:22.85	KELLY HARRIGAN	USA	2019	2:21.67	VERONICA BALSANO	BRA	2023	9:28.33	AMANDA PICARD	SUI 2008
2:22.92	SHERI HART	USA	2006	2:22.42	K.PIPES-NEILSEN	USA	1997	9:29.92	EMMA WILLS	GBR 2019
2:23.47	JOANNA CORBEN	GBR	2005	2:23.49	ERIKA ERNDL	USA	2016	9:30.66	VALERIA VERGANI	ITA 2013
2:24.52	PASCALE VERBAUWEN	BEL	1998	2:25.44	BRITTA O'LEARY	USA	2023	1500 M. FREE		
2:26.32	TERRY RADAM	USA	2000	2:25.55	N.VINOKURENKOVA	RUS	2018	17:29.43	HEIDI GEORGE	USA 2017
2:26.36	VERONICA BALSANO	PAR	2022	2:25.56	CYNTHIA LEWIS	USA	2013	17:31.51	KIRSTEN CAMERON	GBR 2015
50 M. BRST				2:25.65	MAREN SPIETZACK	GER	2022	17:55.28	REBECA SANTOS	ESP 2018
31.35	DANIELLE HERRMANN	USA	2022	2:26.06	ALICIA HALE	USA	2023	17:56.52	K PIPES-NEILSEN	USA 2003
31.99	P.WEBER-CHOCOVA	CZE	2023	400 M. I.M.				18:02.60	AMANDA PICARD	SUI 2008
32.67	NICOLE HEIDEMANN	GER	2017	4:59.59	HITOMI MATSUDA	JPN	2012	18:03.64	EMMA WILLS	GBR 2020
32.86	KATIE GLENN	USA	2013	4:59.73	VERONICA BALSANO	PAR	2023	18:07.10	VALERIA VERGANI	ITA 2013
32.98	GEORGINA HEYN	GBR	2019	5:02.67	K PIPES-NEILSEN	USA	1998	18:14.34	SUZ HEIM-BOWEN	USA 1998
33.10	R.CRESCENTINI	ITA	2011	5:10.13	MAREN SPIETZACK	GER	2022	18:15.98	N.MUIR-COCHRANE	GBR 2004
33.24	HITOMI MATSUDA	JPN	2012	5:10.35	ANNA SPIETZACK	GER	2022	18:25.26	JILL HERNANDEZ	USA 2000
33.44	CLAIRE ROLT	RSA	2017	5:15.05	LAUREEN WELTING	USA	2001	50 M. BACK		
33.49	CASEY KEIBER	USA	2016	5:16.02	ALICIA HALE	USA	2023	29.62	NORIKO INADA	USA 2018
33.52	LINLEY FRAME	AUS	2010	5:16.17	CYNTHIA LEWIS	USA	2011	30.35	RAAKEL LUOTO	FIN 2018
100 M. BRST				5:16.83	NADINE DAY	USA	2007	30.89	MARIA RIVERA	VEN 2013
1:10.47	DANIELLE HERRMANN	USA	2022	5:18.43	JILL HERNANDEZ	USA	1999	31.04	KANA MORIHISA	JPN 2022
1:11.01	P.WEBER-CHOCOVA	CZE	2023	*****				31.29	JENNIFER MIHALIK	USA 2022
1:12.34	KATIE GLENN	USA	2013	*****				31.38	ERIKA BRAUN	USA 2015
1:12.57	NICOLE HEIDEMANN	GER	2018	*****				31.49	CINDY MABEE	CAN 2009
1:12.75	CYNTHIA LEWIS	USA	2013	*****				31.52	GISELI PEREIRA	BRA 2013
1:12.77	HITOMI MATSUDA	JPN	2012	50 M. FREE				31.58	MICHELLE WARE	GBR 2017
1:13.28	N.VINOKURENKOVA	RUS	2018	25.68	DARA TORRES	USA	2011	31.63	JODY SMITH	USA 2009
1:13.67	GEORGINA HEYN	GBR	2019	26.44	EDITH OTTERMANN	RSA	2009	100 M. BACK		
1:13.81	CAROLINE KRATTLI	USA	2001	26.53	ERIKA BRAUN	USA	2015	1:04.70	NORIKO INADA	USA 2018
1:14.50	CLAIRE ROLT	RSA	2017	26.57	ALENA POPCHANKA	ESP	2022	1:06.32	RAAKEL LUOTO	FIN 2017
200 M. BRST				26.64	INGE DE BRUIJN	NED	2013	1:07.06	CINDY MABEE	CAN 2009
2:35.40	HITOMI MATSUDA	JPN	2012	26.88	MARIA DOELGER	USA	2003	1:07.08	JENNIFER MIHALIK	USA 2022
2:38.95	NICOLE HEIDEMANN	GER	2017	26.95	JUNKO NAKANO	JPN	2008	1:07.10	KANA MORIHISA	JPN 2022
2:39.78	KATIE GLENN	USA	2013	26.97	ELIZABETH EMERY	USA	2002	1:07.21	JODY SMITH	USA 2009
2:40.63	CYNTHIA LEWIS	USA	2013	27.18	JENNIE BUCKNELL	AUS	2009	1:07.69	K PIPES-NEILSEN	USA 2003
2:40.93	BRITTA O'LEARY	USA	2023	27.24	OLESSIA BOUROVA	ITA	2019	1:07.75	GISELI PEREIRA	BRA 2013
2:41.51	YUKO MORITA	JPN	2012	100 M. FREE				1:08.21	SYLVIE ALLERY	FRA 2009
2:41.76	CAROLINE KRATTLI	USA	2001	58.04	ERIKA BRAUN	USA	2013	1:08.32	HELEN WHITFORD	AUS 2008
2:41.81	N.VINOKURENKOVA	RUS	2018	58.43	MARIA DOELGER	USA	2003	200 M. BACK		
2:43.21	ELENA PICCARDO	ITA	2023	59.13	ELIZABETH EMERY	USA	2002	2:23.18	SILVIA PAROCCHI	ITA 2009
2:43.74	CAROLINA BENEYTO	ESP	2015	59.59	K PIPES-NEILSEN	USA	2004	2:23.18	JODY SMITH	USA 2009
50 M. FLY				59.63	RAAKEL LUOTO	FIN	2016	2:23.64	K PIPES-NEILSEN	USA 2003
27.46	NORIKO INADA	USA	2014	1:00.28	JENNIFER MIHALIK	USA	2022	2:24.14	KANA MORIHISA	JPN 2018
28.03	P.WEBER-CHOCOVA	CZE	2023	1:00.31	F.TRAVAGLINI	ITA	2016	2:27.07	NORIKO INADA	USA 2018
28.03	LYNNE HAYES	AUS	2009	1:00.32	BARBARA KEHBEIN	GER	2013	2:27.11	HELEN WHITFORD	AUS 2008
28.04	IRINA SHELEMOVA	RUS	2023	1:00.38	KATJA OTTO	GER	2022	2:27.19	JENNIFER MIHALIK	USA 2022
28.20	J.GOLEBIEWSKA	POL	2017	1:00.39	BEVERLEY MCCARNEY	RSA	2004	2:27.78	JOANNA CORBEN	GBR 2010

**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



2:28.12	EMMA WILLS	GBR	2022	2:29.80	CAROLINE KRATTLI	USA	2002	1500 M. FREE		
2:28.36	KRISTIN GARY	USA	2008	2:30.15	KANA MORIHISA	JPN	2018	17:27.11	HEIDI GEORGE	USA 2023
50 M. BRST				2:30.25	CLAUDIA POLL	CRC	2014	17:55.83	SUZANN HEIM-BOWEN	USA 2003
32.32	LINLEY FRAME	AUS	2013	2:30.33	HLEVEN GORMAN	GBR	2014	18:07.84	KIRSTEN CAMERON	AUS 2018
32.42	NICOLE HEIDEMANN	GER	2022	2:30.33	SHEILA TRELEAVEN	CAN	2014	18:10.28	ELENE JONES	USA 2008
32.47	KATIE GLENN	USA	2016	400 M. I.M.				18:12.63	LYNN MARSHALL	CAN 2009
33.25	S.VON DER LIPPE	USA	2006	5:09.83	K PIPES-NEILSEN	USA	2004	18:27.15	ALISON ZAMANIAN	USA 2019
33.44	S.BONDARENKO	UKR	2011	5:15.83	MIRELA SANCHEZ	ESP	2021	18:33.06	CERI EDWARDS	GBR 2023
33.46	ISABEL FIGUEIRA	POR	2019	5:20.12	CYNTHIA LEWIS	USA	2016	18:40.27	LAURIE HUG	USA 2012
33.79	CAROLINE KRATTLI	USA	2002	5:21.32	JILL HERNANDEZ	USA	2000	18:44.29	K.PIPES-NEILSEN	USA 2008
33.86	LISA BLACKBURN	USA	2013	5:21.42	LISA BLACKBURN	USA	2014	18:44.42	TIZIANA PAPANDREA	ITA 2022
33.90	S.MARINOVIC	CRO	2018	5:21.87	MARZENA KULIS	ITA	2006	50 M. BACK		
34.20	S.SEMINATORE	ITA	2004	5:21.95	VALERIA VERGANI	ITA	2012	31.02	CINDY MABEE	CAN 2016
100 M. BRST				5:22.84	HITOMI MATSUDA	JPN	2017	31.34	ANDREA KUTZ	GER 2017
1:11.31	LINLEY FRAME	AUS	2013	5:22.96	ANA PAULA GRILO	ESP	2009	31.38	KANA MORIHISA	JPN 2023
1:12.29	NICOLE HEIDEMANN	GER	2022	5:23.73	DAWN PALMER	GBR	2017	31.46	RAAKEL LUOTO	FIN 2020
1:13.34	S.VON DER LIPPE	USA	2006	*****				31.71	ELLEN REYNOLDS	USA 2012
1:13.55	CYNTHIA LEWIS	USA	2015	*****				31.71	VALERIE JENKINS	USA 2008
1:13.57	KATIE GLENN	USA	2016	*****				31.85	SUSAN WALSH	USA 2007
1:13.82	CAROLINE KRATTLI	USA	2002	*****				31.94	SYLVIE ALLERY	FRA 2014
1:14.06	S.MARINOVIC	CRO	2018	*****				31.99	LESLIE LIVINGSTON	USA 2009
1:14.12	S.BONDARENKO	UKR	2012	50 M. FREE				32.02	FALL WILLEBOORDSE	USA 2013
1:14.15	LISA BLACKBURN	USA	2014	26.59	EDITH OTTERMANN	RSA	2011	100 M. BACK		
1:14.71	HELEN GORMAN	GBR	2014	27.04	M.FUZZATI	FRA	2013	1:07.04	JOANNA CORBEN	GBR 2019
200 M. BRST				27.09	ERIKA BRAUN	USA	2017	1:07.31	CINDY MABEE	CAN 2016
2:38.44	S.VON DER LIPPE	USA	2006	27.09	MELANIE THOMAS	USA	2015	1:08.00	KANA MORIHISA	JPN 2023
2:39.11	NICOLE HEIDEMANN	GER	2022	27.26	JENNIE BUCKNELL	AUS	2012	1:08.00	JENNIFER MIHALIK	USA 2023
2:40.76	H.MORRIS-EYTON	RSA	2010	27.44	SUSAN WALSH	USA	2007	1:08.11	K.PIPES-NEILSEN	USA 2009
2:40.86	LINLEY FRAME	AUS	2014	27.61	LISA BLACKBURN	USA	2016	1:08.55	ELLEN REYNOLDS	USA 2010
2:40.87	S.MARINOVIC	CRO	2019	27.65	SHAUNA KRKALO	HKG	2023	1:08.82	KRISTIN GARY	USA 2014
2:42.06	CAROLINE KRATTLI	USA	2002	27.67	FALL WILLEBOORDSE	USA	2011	1:09.00	GISELI PEREIRA	BRA 2017
2:42.90	HELEN GORMAN	GBR	2014	27.68	ANETTE PHILIPSSON	SWE	2012	1:09.00	SYLVIE ALLERY	FRA 2014
2:43.17	MARZENA KULIS	ITA	2006	100 M. FREE				1:09.36	RAAKEL LUOTO	FIN 2020
2:43.82	KATIE GLENN	USA	2017	57.40	MELANIE THOMAS	USA	2015	200 M. BACK		
2:44.44	LISA BLACKBURN	USA	2013	58.44	GABRIELLE E ROSE	USA	2022	2:24.06	JOANNA CORBEN	GBR 2016
50 M. FLY				59.68	ERIKA BRAUN	USA	2018	2:26.06	K.PIPES-NEILSEN	USA 2009
28.36	ERIKA BRAUN	USA	2013	59.79	K.PIPES-NEILSEN	USA	2007	2:29.68	ELLEN REYNOLDS	USA 2013
28.52	S.VON DER LIPPE	USA	2009	1:00.05	M.FUZZATI	FRA	2013	2:29.78	KANA MORIHISA	JPN 2023
28.68	RAAKEL LUOTO	FIN	2017	1:00.16	SUSAN WALSH	USA	2007	2:30.68	STEPHANIE STONE	USA 2015
28.75	MABI TSUKIOKA	JPN	2023	1:00.23	BARBARA KEHBEIN	GER	2014	2:30.71	TIZIANA PAPANDREA	ITA 2022
28.87	ANYA GOSTMALSKI	ISR	2023	1:00.50	JENNIFER MIHALIK	USA	2023	2:30.80	JENNIFER MIHALIK	USA 2023
28.87	NORIKO INADA	USA	2018	1:00.78	JENNIE BUCKNELL	AUS	2011	2:31.07	SILVIA PAROCCHI	ITA 2012
28.97	ELIZABETH EMERY	USA	2002	1:00.95	BETH LUTZ KNIGHT	USA	2005	2:31.16	CLAUDIA POLL	CRC 2017
29.02	EDITH OTTERMANN	RSA	2010	200 M. FREE				2:31.93	LISA WARD	USA 2009
29.09	GABRIELA KOSTKOVA	CZE	2019	2:10.09	K.PIPES-NEILSEN	USA	2009	50 M. BRST		
29.11	DELIA BADOUX	NED	2022	2:11.84	KIRSTEN CAMERON	AUS	2018	33.56	LINLEY FRAME	AUS 2017
100 M. FLY				2:12.57	HEIDI S GEORGE	USA	2021	33.66	S.VON DER LIPPE	USA 2010
1:03.36	S.VON DER LIPPE	USA	2009	2:12.76	BETH LUTZ KNIGHT	USA	2005	33.68	GABRIELLE E ROSE	USA 2022
1:03.42	M.GARCIA SANCHEZ	ESP	2022	2:13.00	MERELE LOVBERG	NOR	2016	33.98	CAROLINE KRATTLI	USA 2007
1:04.74	K PIPES-NEILSEN	USA	2003	2:13.17	SUZANN HEIM-BOWEN	USA	2003	34.02	KATIE GLENN	USA 2023
1:05.33	SILVIA PAROCCHI	ITA	2007	2:13.27	ELENE JONES	USA	2009	34.05	MARZENA KULIS	ITA 2009
1:05.61	BETH BAKER	USA	2001	2:13.55	REBECCA PERROTT	NZL	2008	34.20	MONICA CORO	ITA 2011
1:05.75	ERIKA BRAUN	USA	2015	2:13.85	JILL HERNANDEZ	USA	2005	34.47	SHAUNA KRKALO	HKG 2023
1:05.80	BEVERLEY MCCARNEY	RSA	2004	2:13.87	BARBARA KEHBEIN	GER	2014	34.58	HELEN GORMAN	GBR 2019
1:05.85	ILDIKO SZEKELY	USA	2019	400 M. FREE				34.74	MAGGIE KELLY	GBR 2001
1:05.91	GABRIELA KOSTKOVA	CZE	2019	4:30.64	HEIDI GEORGE	USA	2023	100 M. BRST		
1:06.27	LAURA VAL	USA	1992	4:35.00	KIRSTEN CAMERON	AUS	2018	1:12.34	GABRIELLE E ROSE	USA 2022
200 M. FLY				4:35.84	K.PIPES-NEILSEN	USA	2008	1:13.49	MARZENA KULIS	ITA 2009
2:24.77	K PIPES-NEILSEN	USA	2003	4:37.74	ELENE JONES	USA	2009	1:13.95	LINLEY FRAME	AUS 2016
2:24.78	S.VON DER LIPPE	USA	2006	4:38.20	CLAUDIA POLL	CRC	2018	1:14.41	S.VON DER LIPPE	USA 2010
2:25.15	SUSAN PRESTON	USA	2006	4:38.49	TIZIANA PAPANDREA	ITA	2022	1:14.70	HELEN GORMAN	GBR 2018
2:25.36	ILDIKO SZEKELY	USA	2019	4:39.20	SUZANN HEIM-BOWEN	USA	2003	1:15.64	LISA BLACKBURN	USA 2016
2:25.75	L. D. CARVALHO	AUS	2021	4:40.35	VALERIA VERGANI	ITA	2016	1:15.65	CAROLINE KRATTLI	USA 2007
2:26.65	KINCISO VENCZEL	HUN	2017	4:41.63	LYNN MARSHALL	CAN	2010	1:15.95	WENKE SEIDER	USA 2014
2:26.86	YUKIE UBUKATA	JPN	2023	4:43.14	SUSANNE SIMPSON	USA	2008	1:16.97	KATIE GLENN	USA 2023
2:27.20	NICOLA LATTY	GBR	2012	800 M. FREE				1:17.16	MONICA CORO	ITA 2011
2:29.11	KAREN HIGGISON	AUS	2009	9:11.47	HEIDI S GEORGE	USA	2021	200 M. BRST		
2:29.37	SUSANNE SIMPSON	USA	2002	9:24.11	K.PIPES-NEILSEN	USA	2007	2:40.42	MARZENA KULIS	ITA 2009
200 M. I.M.				9:24.53	SUZANN HEIM-BOWEN	USA	2003	2:43.20	A.BLACKMAN	USA 2023
2:25.03	S.VON DER LIPPE	USA	2007	9:31.81	KIRSTEN CAMERON	AUS	2018	2:43.73	H.MORRIS-EYTON	RSA 2013
2:25.38	K PIPES-NEILSEN	USA	2003	9:36.86	ELENE JONES	USA	2008	2:45.20	CAROLINE KRATTLI	USA 2007
2:25.81	LISA BLACKBURN	USA	2015	9:37.20	VALERIA VERGANI	ITA	2016	2:45.59	LINLEY FRAME	AUS 2016
2:26.84	S.MARINOVIC	CRO	2019	9:38.04	TIZIANA PAPANDREA	ITA	2022	2:46.20	HELEN GORMAN	GBR 2020
2:27.08	M.GARCIA SANCHEZ	ESP	2022	9:39.96	ALISON ZAMANIAN	USA	2019	2:48.13	WENKE SEIDER	USA 2014
2:28.17	CYNTHIA LEWIS	USA	2016	9:40.20	CERI EDWARDS	GBR	2023	2:49.17	HIDEKO MAKINO	JPN 2019
				9:40.27	LYNN MARSHALL	CAN	2008			

**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



2:50.94	CLAUDIA KERN	GER	2009	1:01.13	LAURA VAL	USA	2001	2:26.64	ELLEN REYNOLDS	USA	2014
2:50.95	KATIE GLENN	USA	2023	1:01.51	ANETTE PHILIPSSON	SWE	2015	2:27.23	JO CORBEN	GBR	2022
50 M. FLY				1:01.82	MELANIE THOMAS	USA	2021	2:32.31	MIYUKI SATO	JPN	2022
28.40	ERIKA BRAUN	USA	2017	1:02.08	LIZ DILLMANN	USA	2015	2:32.68	SILVIA PAROCCHI	ITA	2016
28.97	EDITH OTTERMANN	RSA	2011	1:02.19	MICHELLE WARE	GBR	2023	2:33.03	LYNN MARSHALL	CAN	2011
29.04	WENKE SEIDER	USA	2014	1:02.25	H.WILLEBOORDSE	USA	2017	2:34.09	STEPHANIE STONE	USA	2018
29.05	KAREN STUMP	USA	2023	1:02.31	S.HEIM-BOWEN	USA	2008	2:34.13	KRISTIN GARY	USA	2019
29.12	S.VON DER LIPPE	USA	2010	1:02.49	DANIELA DE PONTI	ITA	2015	2:34.69	GISELI PEREIRA	BRA	2023
29.33	IZABELA FRACZEK	POL	2017	200 M. FREE				2:35.03	TIZIANA PAPANDREA	ITA	2023
29.33	YURIKO IKEDA	JPN	2017	2:13.18	JILL HERNANDEZ	USA	2013	2:35.55	K.PIPES-NEILSEN	FRA	2012
29.37	LAURIE DITOMMASO	USA	2009	2:14.66	DIANE GOULD	USA	2019	50 M. BRST			
29.52	K.PIPES-NEILSEN	USA	2008	2:15.00	S.HEIM-BOWEN	USA	2008	34.18	MONICA CORO	ITA	2012
29.57	LISA DAHL	USA	2009	2:15.06	LIZ DILLMANN	USA	2015	34.87	HELEN GORMAN	GBR	2022
100 M. FLY				2:15.37	LAURA VAL	USA	2001	35.42	JENNY WHITELEY	AUS	2009
1:04.96	WENKE SEIDER	USA	2014	2:15.83	ELLEN REYNOLDS	USA	2016	35.70	UTE HASSE	ESP	2015
1:05.69	K.PIPES-NEILSEN	USA	2008	2:16.01	MAITE GARCIA	ESP	2015	36.24	MARZENA KULIS	ITA	2017
1:06.42	ARLENE DELMAGE	USA	2008	2:16.52	JENNY WHITELEY	AUS	2009	36.36	ANNA HAMMAR	SWE	2019
1:06.45	ERIKA BRAUN	USA	2017	2:16.92	TIZIANA PAPANDREA	ITA	2023	36.36	MARJA BLOEMZAAD	NED	2011
1:06.65	BIRGIT LOHBERG	USA	2010	2:17.53	ENEY JONES	USA	2010	36.40	JUDY GARAY	CAN	2014
1:06.91	FRANCA BOSISIO	ITA	2014	400 M. FREE				36.47	ERIKA L BRAUN	USA	2022
1:07.18	NATALIYA MATVEEVA	RUS	2010	4:40.66	JILL HERNANDEZ	USA	2013	36.58	ALICIA RIVET	ARG	2023
1:07.28	YURIKO IKEDA	JPN	2018	4:41.18	SUSAN PRESTON	USA	2016	100 M. BRST			
1:07.30	JILL HERNANDEZ	USA	2005	4:41.19	LYNN MARSHALL	CAN	2011	1:15.44	HELEN GORMAN	GBR	2022
1:07.47	SUSANA GOMES	POR	2022	4:41.31	ALISON ZAMANIAN	USA	2022	1:15.50	MONICA CORO	ITA	2012
200 M. FLY				4:42.37	S.HEIM-BOWEN	USA	2008	1:17.80	MARZENA KULIS	ITA	2016
2:24.34	K.PIPES-NEILSEN	USA	2009	4:42.89	TIZIANA PAPANDREA	ITA	2023	1:18.73	UTE HASSE	ESP	2015
2:27.71	KINCZO VENCZEL	HUN	2019	4:44.54	DIANE GOULD	USA	2019	1:19.23	JENNY WHITELEY	AUS	2009
2:29.50	L. D. CARVALHO	AUS	2023	4:47.34	MAITE GARCIA	ESP	2015	1:20.47	IRINA MERZLIKINA	RUS	2022
2:30.37	FRANCA BOSISIO	ITA	2014	4:47.93	LAURA VAL	USA	2002	1:21.29	JAN CLARKSON	AUS	2008
2:31.37	LAURA VAL	USA	1998	4:48.34	C.THIELEMANN	GER	2019	1:21.34	ERIKA BRAUN	USA	2023
2:31.87	ALISON ZAMANIAN	USA	2019	800 M. FREE				1:21.50	HANA BOHUSLAVKOVA	CZE	2018
2:32.07	SUSANNE SIMPSON	USA	2006	9:34.12	SUSAN PRESTON	USA	2016	1:21.62	LAURA MOLINARI	ITA	2018
2:32.38	TERESA GARCIA	ESP	2010	9:38.04	LYNN MARSHALL	CAN	2011	200 M. BRST			
2:32.51	NICOLA LATTY	GBR	2016	9:40.01	TIZIANA PAPANDREA	ITA	2023	2:44.66	HELEN GORMAN	GBR	2022
2:32.59	S. PALMER-WHITE	AUS	2009	9:42.10	ALISON ZAMANIAN	USA	2022	2:50.89	MARZENA KULIS	ITA	2017
200 M. I.M.				9:48.81	S.HEIM-BOWEN	USA	2008	2:50.92	MONICA CORO	ITA	2012
2:21.37	GABRIELLE E ROSE	USA	2022	9:52.39	C.THIELEMANN	GER	2019	2:52.69	IRINA MERZLIKINA	RUS	2023
2:27.57	K.PIPES-NEILSEN	USA	2008	9:52.55	LAURA VAL	USA	2002	2:54.00	ELLEN REYNOLDS	USA	2016
2:28.42	WENKE SEIDER	USA	2014	9:53.57	JILL GELLATLY	USA	2017	2:55.15	JENNY WHITELEY	AUS	2008
2:31.88	MARZENA KULIS	ITA	2009	9:54.50	MAITE GARCIA	ESP	2015	2:55.55	CHIE MIYAMOTO	JPN	2022
2:31.95	REBECCA PERROTT	NZL	2008	9:54.87	JANE ANN HOAG	ITA	2019	2:57.01	KEIKO OKAMOTO	JPN	2019
2:32.18	HELEN GORMAN	GBR	2017	1500 M. FREE				2:57.39	H.MORRIS-EYTON	RSA	2018
2:32.43	BARBARA KEHBEIN	GER	2014	18:15.80	ALISON ZAMANIAN	USA	2022	2:57.47	LAURA MOLINARI	ITA	2019
2:32.46	JILL HERNANDEZ	USA	2005	18:29.28	LYNN MARSHALL	CAN	2011	50 M. FLY			
2:32.58	ELLEN REYNOLDS	USA	2012	18:32.76	S.HEIM-BOWEN	USA	2008	29.08	SUSIE O'NEILL	AUS	2023
2:32.81	KANA MORIHISA	JPN	2023	18:33.54	TIZIANA PAPANDREA	ITA	2023	29.47	ERIKA L BRAUN	USA	2022
400 M. I.M.				18:50.67	JILL GELLATLY	USA	2017	29.59	MICHELLE WARE	GBR	2023
5:13.85	K.PIPES-NEILSEN	USA	2008	18:57.82	JANE ANN HOAG	ITA	2017	29.82	SUSAN WILLIAMS	USA	2016
5:23.69	ELLEN REYNOLDS	USA	2013	19:00.31	ELLEN REYNOLDS	USA	2018	30.05	FRANCA BOSISIO	ITA	2019
5:27.07	KINCZO VENCZEL	HUN	2019	19:01.37	ENEY JONES	USA	2010	30.06	DANIELA DE PONTI	ITA	2016
5:27.67	JILL HERNANDEZ	USA	2005	19:03.05	NORMA CAHILL	IRL	2015	30.17	MARIOLA KULIS	POL	2017
5:27.86	REBECCA PERROTT	NZL	2008	19:08.69	LAURA VAL	USA	2001	30.24	ANGELA ZINGLER	GER	2004
5:29.68	MARZENA KULIS	ITA	2009	50 M. BACK				30.26	YUKI NAKAYAMA	JPN	2022
5:30.74	STEPHANIE STONE	USA	2013	31.80	MICHELLE WARE	GBR	2023	30.27	YURIKO IKEDA	JPN	2022
5:32.02	HELEN WHITFORD	AUS	2012	32.02	MARIE FUZZATI	FRA	2015	100 M. FLY			
5:32.27	JILL GELLATLY	USA	2014	32.30	ERIKA L BRAUN	USA	2022	1:07.55	FRANCA BOSISIO	ITA	2022
5:32.69	ANGELA DELISSEN	GER	2012	32.36	JO CORBEN	GBR	2023	1:07.80	JILL HERNANDEZ	USA	2011
*****				32.41	LESLIE LIVINGSTON	USA	2013	1:07.81	LAURA VAL	USA	2001
WOMEN 50-54				32.50	ELLEN REYNOLDS	USA	2014	1:07.95	C.MCCLAFFERTY	USA	2023
*****				32.51	MIYUKI SATO	JPN	2023	1:08.03	ERIKA BRAUN	USA	2023
50 M. FREE				32.71	GISELI PEREIRA	BRA	2023	1:08.17	MICHELLE WARE	GBR	2023
27.09	MARIE FUZZATI	FRA	2015	32.73	SARA TOLNAI	ESP	2023	1:08.22	DANIELA DE PONTI	ITA	2016
27.13	ERIKA BRAUN	USA	2023	32.83	YURIKO IKEDA	JPN	2022	1:09.07	SILVIA PAROCCHI	ITA	2017
27.41	EDITH OTTERMANN	RSA	2019	100 M. BACK				1:09.50	H.WILLEBOORDSE	USA	2017
27.79	ANETTE PHILIPSSON	SWE	2015	1:07.87	JO CORBEN	GBR	2023	1:09.76	YURIKO IKEDA	JPN	2022
27.88	SUSIE O'NEILL	AUS	2023	1:09.28	ELLEN REYNOLDS	USA	2014	200 M. FLY			
27.89	MICHELLE WARE	GBR	2023	1:10.20	MIYUKI SATO	JPN	2022	2:31.55	LAURA VAL	USA	2001
27.95	JENNIE BUCKNELL	AUS	2018	1:10.82	FALL WILLEBOORDSE	USA	2016	2:32.39	FRANCA BOSISIO	ITA	2019
28.04	CINTA BELMONTE	ESP	2021	1:10.85	GISELI PEREIRA	BRA	2023	2:33.75	C.THIELEMANN	GER	2019
28.17	FALL WILLEBOORDSE	USA	2016	1:10.98	SARA TOLNAI	ESP	2023	2:33.85	NICOLA LATTY	GBR	2022
28.22	LAURA VAL	USA	2001	1:11.00	MARIE FUZZATI	FRA	2015	2:34.93	LYNN MARSHALL	CAN	2011
100 M. FREE				1:11.14	SILVIA PAROCCHI	ITA	2017	2:35.19	C.MCCLAFFERTY	USA	2023
1:00.40	ERIKA BRAUN	USA	2023	1:11.23	KRISTIN GARY	USA	2019	2:36.40	MAITE GARCIA	ESP	2015
1:00.42	MARIE FUZZATI	FRA	2015	1:11.78	K.PIPES-NEILSEN	USA	2012	2:36.49	ALISON ZAMANIAN	USA	2022
				200 M. BACK				2:36.81	S. PALMER-WHITE	AUS	2015

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2:37.89	DEBBIE YOUNGER	CAN	2023	10:01.20	C.THIELEMANN	GER	2023	2:57.29	ANDREA MULLER	CHI	2023
200 M. I.M.				10:04.10	SILVIA DI ROSA	ITA	2022	2:57.74	CHIE MIYAMOTO	JPN	2023
2:31.02	ELLEN REYNOLDS	USA	2016	10:04.92	S.REIBEL-OBERLE	GER	2019	2:58.83	MONICA CORO	ITA	2017
2:35.61	HELEN GORMAN	GBR	2022	10:05.28	LAURA VAL	USA	2008	2:59.27	ELLEN REYNOLDS	USA	2019
2:34.32	K.PIPES-NEILSEN	FRA	2012	10:07.05	JANE ANN HOAG	ITA	2022	3:01.66	CAROLINE KRATTLI	USA	2017
2:35.11	TIZIANA PAPANDREA	ITA	2023	10:07.58	DANIELA SABATINI	ITA	2023	3:01.70	PIA THULSTRUP	DEN	2016
2:35.61	ANETTE PHILIPSSON	SWE	2016	10:09.01	S. PALMER-WHITE	AUS	2019	3:01.95	HANA BOHUSLAVKOVA	CZE	2023
2:35.87	IRINA MERZLIKINA	RUS	2022	1500 M. FREE				3:02.67	JENNY WHITELEY	AUS	2013
2:36.05	SUSAN PRESTON	USA	2016	18:36.30	ELLEN REYNOLDS	USA	2019	3:04.04	ESTHER ISEPPI	SUI	2013
2:36.62	CECILIA STANFORD	RSA	2011	18:46.00	LYNN MARSHALL	CAN	2016	50 M. FLY			
2:36.78	DANIELA DEPONTI	ITA	2016	19:14.70	LAURA VAL	USA	2007	30.43	ANDREA MULLER	CHI	2023
2:36.97	JILL HERNANDEZ	USA	2011	19:17.89	JANE ANN HOAG	ITA	2022	30.52	LESLIE LIVINGSTON	USA	2016
400 M. I.M.				19:19.54	DEBORAH DAWSON	USA	2023	30.59	HOLLY GREEN BLAIR	USA	2018
5:20.68	ELLEN REYNOLDS	USA	2014	19:25.91	S.HEIM-BOWEN	USA	2016	30.65	FRANCA BOSISIO	ITA	2023
5:30.32	JILL HERNANDEZ	USA	2013	19:27.15	KIM OGRADY	USA	2016	30.94	ELIZABETH WOOLNER	GBR	2023
5:32.26	LYNN MARSHALL	CAN	2011	19:29.84	K.PALACE	USA	2016	30.97	TRACI GRANGER	USA	2013
5:32.41	K.PIPES-NEILSEN	FRA	2012	19:30.77	JEANNE CARLSEN	CAN	2013	31.01	ELLEN REYNOLDS	USA	2023
5:33.63	NICOLA LATTY	GBR	2022	19:31.60	C.THIELEMANN	GER	2023	31.02	KARLYN PIPES	USA	2017
5:34.09	C.THIELEMANN	GER	2019	50 M. BACK				31.13	SUSAN WILLIAMS	USA	2023
5:36.45	S.REIBEL-OBERLE	GER	2014	31.99	HOLLY GREEN BLAIR	USA	2018	31.38	SILVIA PAROCCHI	ITA	2022
5:37.60	CECILIA STANFORD	RSA	2011	32.36	KARLYN PIPES	USA	2017	100 M. FLY			
5:38.02	HELEN WHITFORD	AUS	2017	33.08	LESLIE LIVINGSTON	USA	2016	1:07.55	FRANCA BOSISIO	ITA	2023
5:38.55	CARLA GEURTS	NED	2022	33.18	FRANCA BOSISIO	ITA	2023	1:08.81	ANDREA MULLER	CHI	2022
				33.60	HIROKO NOGUCHI	JPN	2022	1:09.47	LAURA VAL	USA	2009
				33.70	ELLEN REYNOLDS	USA	2023	1:10.27	JILL HERNANDEZ	USA	2015
				33.70	JENNIE BUCKNELL	AUS	2021	1:10.46	ANDREA BLOCK	USA	2016
				33.75	LAURA VAL	USA	2010	1:10.97	SILVIA PAROCCHI	ITA	2022
				33.95	SILVIA PAROCCHI	ITA	2022	1:11.71	ELIZABETH WOOLNER	GBR	2023
				34.10	SUSAN WILLIAMS	USA	2023	1:11.85	KARLYN PIPES	USA	2018
				100 M. BACK				1:12.09	ELLEN REYNOLDS	USA	2023
				1:09.69	HOLLY GREEN BLAIR	USA	2019	1:12.12	C.THIELEMANN	GER	2023
				1:11.06	ELLEN REYNOLDS	USA	2019	200 M. FLY			
				1:11.23	KARLYN PIPES	USA	2017	2:35.47	S. PALMER-WHITE	AUS	2019
				1:12.45	BONNIE BILICH	USA	2017	2:36.33	C.THIELEMANN	GER	2023
				1:13.26	SILVIA PAROCCHI	ITA	2021	2:37.26	FRANCA BOSISIO	ITA	2023
				1:14.41	STEPHANIE STONE	USA	2023	2:37.61	LYNN MARSHALL	CAN	2018
				1:14.41	LAURA VAL	USA	2008	2:39.72	S.REIBEL-OBERLE	GER	2020
				1:14.75	JUDY BROWN	GBR	2019	2:41.51	LAURA VAL	USA	2007
				1:15.09	KAZUE MAETOUGE	JPN	2023	2:43.26	D.PEDACCHIOLA	ITA	2018
				1:15.51	JULIE HOYLE	GBR	2017	2:44.16	N.STEADMAN-MARTIN	USA	2009
				200 M. BACK				2:44.22	ROBYN CROTTY	NZL	2017
				2:31.79	ELLEN REYNOLDS	USA	2019	2:47.73	JUDITH HATTLE	GBR	2017
				2:36.61	JUDY BROWN	GBR	2019	200 M. I.M.			
				2:36.62	SILVIA PAROCCHI	ITA	2022	2:31.51	ELLEN REYNOLDS	USA	2019
				2:37.25	STEPHANIE STONE	USA	2023	2:38.74	JILL HERNANDEZ	USA	2015
				2:37.77	KARLYN PIPES	USA	2017	2:39.07	S.REIBEL-OBERLE	GER	2019
				2:38.52	LYNN MARSHALL	CAN	2016	2:39.78	KARLYN PIPES	USA	2017
				2:39.38	FRANCA BOSISIO	ITA	2023	2:39.96	LYNN MARSHALL	CAN	2016
				2:40.84	BONNIE BILICH	USA	2017	2:42.06	C.THIELEMANN	GER	2023
				2:43.42	C.ESCATILLAR	ESP	2022	2:42.29	CECILIA STANFORD	RSA	2016
				2:44.15	KAZUE MAETOGE	JPN	2022	2:42.34	FRANCA BOSISIO	ITA	2023
				50 M. BRST				2:43.43	JENNY WHITELEY	AUS	2014
				35.59	ANDREA MULLER	CHI	2023	2:43.45	LAURA VAL	USA	2008
				35.66	MONICA CORO	ITA	2017	400 M. I.M.			
				36.49	LAURA MOLINARI	ITA	2023	5:21.35	ELLEN REYNOLDS	USA	2019
				36.59	PIA THULSTRUP	DEN	2017	5:39.37	S.REIBEL-OBERLE	GER	2019
				36.75	UTE HASSE	ESP	2018	5:40.18	C.THIELEMANN	GER	2023
				37.04	JENNY WHITELEY	AUS	2013	5:40.33	LYNN MARSHALL	CAN	2016
				37.13	CAROLINE KRATTLI	USA	2017	5:49.40	LAURA VAL	USA	2009
				37.40	TERRI MACDOUGALL	CAN	2019	5:51.21	S. PALMER-WHITE	AUS	2019
				37.52	SACHIKO NAKAE	JPN	2023	5:51.88	CECILIA STANFORD	RSA	2016
				37.80	DAGMAR FRESE	GER	2014	5:53.27	COLETTE CRABBE	USA	2013
				100 M. BRST				5:53.54	BONNIE SPIVEY	USA	2013
				1:18.96	MARZENA KULIS	ITA	2019	5:53.88	SARAH LOUISE	AUS	2023
				1:19.90	MONICA CORO	ITA	2017				
				1:20.39	ANDREA MULLER	CHI	2023				
				1:20.82	PIA THULSTRUP	DEN	2016				
				1:20.95	HANA BOHUSLAVKOVA	CZE	2023				
				1:21.21	CAROLINE KRATTLI	USA	2017				
				1:21.75	CHIE MIYAMOTO	JPN	2023				
				1:22.86	UTE HASSE	ESP	2019				
				1:23.16	JENNY WHITELEY	AUS	2013				
				1:23.21	CHIEKO TAKIMOTO	JPN	2023				
				200 M. BRST							
				2:56.70	MARZENA KULIS	ITA	2020				

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29.80	CAROLA CASTELLI	ITA	2023	1:17.34	LEIGH RODGERS	AUS	2015	2:47.28	LYNN MARSHALL	USA	2022
30.06	AMY JO RIEGER	PUR	2022	1:17.40	PENNY NOYES	USA	2018	2:49.71	D.PEDACCHIOLA	ITA	2023
30.09	KARLYN A PIPES	USA	2022	1:17.53	K.ANDRUS-HUGHES	USA	2017	2:52.77	TRACI GRANGER	USA	2018
30.11	CHARLOTTE DAVIS	USA	2012	1:17.81	M.RIPLEY	USA	2016	2:53.20	ARLENE DELMAGE	USA	2022
100 M. FREE				1:18.00	JOAN PFINGRAFF	USA	2018	2:54.50	COLETTE CRABBE	BEL	2016
1:03.83	LAURA VAL	USA	2011	1:18.82	DENYSE SENECHAL	CAN	2023	2:54.79	LAURIE ALIOTO	USA	2018
1:04.92	KARLYN A PIPES	USA	2022	200 M. BACK				2:54.83	JUDITH PEARSON	GBR	2022
1:06.02	MA CARMEN CABELLO	ESP	2021	2:41.38	KARLYN A PIPES	USA	2022	2:56.47	CECILIA STANFORD	RSA	2022
1:06.13	JENNY WHITELEY	AUS	2019	2:41.57	BONNIE BILICH	USA	2019	2:58.64	LAURA VACA	MEX	2014
1:06.30	PENNY NOYES	USA	2017	2:44.38	LAURA VAL	USA	2013	200 M. I.M.			
1:06.41	VERONICA HIBBEN	USA	2017	2:46.62	LYNN MARSHALL	USA	2022	2:44.62	JENNY WHITELEY	AUS	2019
1:06.63	SANDERINA KRUGER	RSA	2009	2:46.79	JULIE HOYLE	GBR	2022	2:46.76	LYNN MARSHALL	CAN	2022
1:06.67	SARAH MACDONALD	CAN	2020	2:48.38	JOAN PFINGRAFF	USA	2018	2:47.99	LAURA VAL	USA	2013
1:07.27	CAROLA KHOURI	USA	2023	2:49.60	M.RIPLEY	USA	2016	2:48.28	COLETTE CRABBE	BEL	2016
1:07.29	AMY JO RIEGER	PUR	2022	2:49.65	BONNIE SPIVEY	USA	2019	2:48.94	CECILIA STANFORD	RSA	2022
200 M. FREE				2:50.16	B.BARNETT-SALLEE	USA	2006	2:49.37	AMY JO RIEGER	PUR	2022
2:21.03	JENNY WHITELEY	AUS	2019	2:50.70	KAZUMI MORI	JPN	2022	2:50.86	PIERRETTE MICHEL	BEL	2022
2:21.48	LAURA VAL	USA	2012	50 M. BRST				2:51.28	BONNIE BILICH	USA	2018
2:21.96	JEANETTE BRITS	AUS	2023	37.43	MONICA CORO'	ITA	2022	2:52.46	MARJAN REMMITS	NED	2023
2:24.98	CECILIA STANFORD	RSA	2022	37.51	JENNY WHITELEY	AUS	2019	2:52.67	CHARLOTTE DAVIS	USA	2010
2:25.01	LYNN MARSHALL	CAN	2023	37.79	DAGMAR FRESE	GER	2016	400 M. I.M.			
2:25.78	AMY JO RIEGER	PUR	2022	38.07	SATOKO TOKITA	JPN	2023	5:48.88	LYNN MARSHALL	CAN	2022
2:26.34	K.PARKER PALACE	USA	2023	38.30	DANIELA PETRACCHI	ITA	2023	5:49.08	KARLYN A PIPES	USA	2022
2:27.35	MA CARMEN CABELLO	ESP	2021	38.48	MONIKA SENFTLEBEN	GER	2002	5:56.27	LAURA VAL	USA	2011
2:28.08	SUSAN RITTER	USA	2017	38.66	UTE HASSE	ESP	2023	5:56.40	COLETTE CRABBE	USA	2016
2:28.34	BONNIE BILICH	USA	2018	38.69	PIA THULSTRUP	DEN	2022	5:58.81	BONNIE SPIVEY	USA	2019
400 M. FREE				39.02	BETH ESTEL	USA	2016	6:01.34	AMY JO RIEGER	PUR	2022
4:53.58	LYNN MARSHALL	CAN	2022	39.16	SARAH MACDONALD	CAN	2020	6:02.89	CECILIA STANFORD	RSA	2022
4:59.82	LAURA VAL	USA	2012	39.16	BONNIE PRONK	CAN	2002	6:05.55	PIERRETTE MICHEL	BEL	2022
5:08.07	ROBYN CROTTY	NZL	2023	100 M. BRST				6:08.99	CHARLOTTE DAVIS	USA	2010
5:08.59	KARLYN A PIPES	USA	2022	1:23.04	MONICA CORO'	ITA	2022	6:12.32	STEPHANIE SAUCY	USA	2023
5:09.05	K.PARKER PALACE	USA	2023	1:23.37	JENNY WHITELEY	AUS	2018	*****			
5:09.84	BONNIE SPIVEY	USA	2019	1:25.82	PIA THULSTRUP	DEN	2023	WOMEN 65-69			
5:10.52	CECILIA STANFORD	RSA	2022	1:25.82	DAGMAR FRESE	GER	2016	*****			
5:11.15	SUSAN RITTER	USA	2017	1:25.87	UTE HASSE	ESP	2023	50 M. FREE			
5:13.42	JOANNE SUTCLIFFE	AUS	2021	1:26.02	MARCELA MORENO	COL	2020	29.10	PENNY NOYES	USA	2019
5:15.34	S.HEIM-BOWEN	USA	2019	1:26.14	DANIELA PETRACCHI	ITA	2023	29.17	LAURA VAL	USA	2018
800 M. FREE				1:26.61	MISA KUWANO	JPN	2021	30.56	ALYSON FORDHAM	GBR	2023
10:06.23	LYNN MARSHALL	CAN	2023	1:27.08	AVILA RHODES	CAN	2016	30.71	VERONICA HIBBEN	USA	2021
10:27.71	LAURA VAL	USA	2011	1:27.24	BETH ESTEL	USA	2016	30.72	SANDERINA KRUGER	RSA	2015
10:31.29	K.PARKER PALACE	USA	2023	200 M. BRST				30.76	JACKI HIRSTY	USA	2017
10:34.37	BONNIE SPIVEY	USA	2019	3:04.15	JENNY WHITELEY	AUS	2018	30.85	CHARLOTTE DAVIS	USA	2016
10:36.89	ROBYN CROTTY	NZL	2023	3:06.40	MONICA CORO'	ITA	2022	30.95	JENNY WHITELEY	AUS	2023
10:37.63	CECILIA STANFORD	RSA	2022	3:08.07	LO KNAPP	USA	2014	31.05	TRACI S GRANGER	USA	2023
10:39.75	S.HEIM-BOWEN	USA	2019	3:11.07	REBECCA TOHILL	NZL	2023	31.20	LYNN MORRISON	USA	2019
10:43.17	JENNY WHITELEY	AUS	2018	3:12.35	MISA KUWANO	JPN	2021	100 M. FREE			
10:45.75	KELLY PALACE	USA	2021	3:13.11	AVILA RHODES	CAN	2016	1:04.89	LAURA VAL	USA	2018
10:46.10	SUSAN RITTER	USA	2018	3:13.31	COLETTE CRABBE	USA	2018	1:07.26	VERONICA HIBBEN	USA	2022
1500 M. FREE				3:13.46	PIA THULSTRUP	DEN	2022	1:07.64	JENNY WHITELEY	AUS	2023
19:23.70	LYNN MARSHALL	USA	2022	3:13.61	ESTHER ISEPPI	GBR	2019	1:07.88	CHARLOTTE DAVIS	USA	2016
19:52.85	LAURA VAL	USA	2011	3:13.75	DANIELA PETRACCHI	ITA	2023	1:08.48	PENNY NOYES	USA	2019
19:57.23	BONNIE SPIVEY	USA	2019	50 M. FLY				1:09.16	ALYSON FORDHAM	GBR	2023
20:02.91	JENNY WHITELEY	AUS	2018	29.90	HOLLY GREEN	USA	2023	1:09.23	SANDERINA KRUGER	RSA	2015
20:10.84	S.HEIM-BOWEN	USA	2019	31.11	TRACI GRANGER	USA	2019	1:09.29	A.PIJTAK-RADERSMA	NED	2022
20:13.45	K.PARKER PALACE	USA	2023	31.95	KARLYN A PIPES	USA	2022	1:09.61	JACKI HIRSTY	USA	2017
20:27.98	CAROLA KHOURI	USA	2023	32.27	LAURA VAL	USA	2012	1:09.63	TRACI S GRANGER	USA	2023
20:52.70	CHRISTIE CIRAULO	USA	2015	32.28	LEIGH RODGERS	AUS	2016	1:09.63	LYLE KILDEA	AUS	2023
20:55.14	JANE ESAHAK-GAGE	USA	2023	32.36	MA CARMEN NAVARRO	ESP	2022	200 M. FREE			
20:58.98	AMANDA DUGGAN	AUS	2021	32.40	CAROLA CASTELLI	ITA	2023	2:25.29	LAURA VAL	USA	2016
50 M. BACK				32.57	PENNY NOYES	USA	2017	2:33.00	VERONICA HIBBEN	USA	2021
33.38	HOLLY GREEN	USA	2023	32.57	CHARLOTTE DAVIS	USA	2012	2:33.11	LYLE KILDEA	AUS	2023
33.82	KARLYN A PIPES	USA	2022	32.62	DAWN KISSACK	GBR	2023	2:33.88	JACKI HIRSTY	USA	2017
33.86	LAURA VAL	USA	2015	100 M. FLY				2:35.36	CHARLOTTE DAVIS	USA	2015
34.44	BONNIE BILICH	USA	2019	1:12.06	LAURA VAL	USA	2011	2:36.05	LO KNAPP	USA	2019
34.94	AMY JO RIEGER	PUR	2022	1:13.18	KARLYN A PIPES	USA	2022	2:36.29	STEPHANIE JONES	AUS	2023
34.99	PENNY NOYES	USA	2018	1:13.51	TRACI GRANGER	USA	2018	2:37.26	DOT MUNGER	USA	2016
35.09	JULIE HOYLE	GBR	2023	1:14.21	MA CARMEN NAVARRO	ESP	2022	2:37.34	A.PIJTAK-RADERSMA	NED	2022
35.14	K.ANDRUS-HUGHES	USA	2017	1:14.31	LEIGH RODGERS	AUS	2016	2:37.63	SANDERINA KRUGER	RSA	2015
35.63	LEIGH RODGERS	AUS	2016	1:14.75	JUDITH PEARSON	GBR	2022	400 M. FREE			
35.79	B.BARNETT-SALLEE	USA	2006	1:14.80	VAL VAN HORN PATE	USA	2022	5:12.80	LAURA VAL	USA	2019
100 M. BACK				1:15.05	CECILIA STANFORD	RSA	2022	5:21.62	KAREN L EINSIDLER	USA	2021
1:14.28	KARLYN A PIPES	USA	2022	1:15.33	COLETTE CRABBE	BEL	2016	5:24.97	N.STEADMAN MARTIN	USA	2023
1:14.50	BONNIE BILICH	USA	2018	1:16.30	D.PEDACCHIOLA	ITA	2023	5:26.28	SUSAN RITTER	USA	2023
1:14.76	LAURA VAL	USA	2015	200 M. FLY				5:27.73	DOT MUNGER	USA	2016
1:16.63	JULIE HOYLE	GBR	2022	2:41.03	LAURA VAL	USA	2011				

**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



5:27.79	CHARLOTTE DAVIS	USA 2015	1:30.16	GIURGIZA GABRILO	CRO 2012	WOMEN 70-74	
5:28.07	JACKI HIRSTY	USA 2017	1:30.24	DAGMAR FRESE	GER 2022	*****	
5:29.34	S.HEIM-BOWEN	USA 2023	1:32.24	LO KNAPP	USA 2019	50 M. FREE	
5:29.40	DIANE COETZEE	RSA 2022	1:32.36	COLETTE M CRABBE	USA 2022	30.73	LAURA B VAL USA 2021
5:29.47	KAREN EINSIDLER	USA 2023	1:32.66	JANETTE JEFFREY	AUS 2015	31.99	SANDERINA KRUGER RSA 2019
800 M. FREE			1:32.95	KAREN MAREB	USA 2023	32.43	CHARLOTTE M DAVIS USA 2021
10:49.60	LAURA VAL	USA 2017	1:33.14	SALLY SHIELDS	GBR 2019	32.63	CAROLE SMITH ITA 2023
11:00.80	S.HEIM-BOWEN	USA 2023	200 M. BRST			32.89	MARGARET TOPPEL USA 2018
11:10.68	N.STEADMAN MARTIN	USA 2023	3:12.63	AMANDA HEATH	GBR 2022	33.02	DIANN UUSTAL USA 2017
11:11.42	KAREN L EINSIDLER	USA 2021	3:19.03	KAREN MAREB	USA 2023	33.57	CHRISTEL SCHULZ GER 2010
11:17.95	CHRISTIE CIRAULO	USA 2019	3:19.08	LO KNAPP	USA 2019	33.61	YOSHIKO OSAKI JPN 2009
11:18.25	DOT MUNGER	USA 2016	3:19.76	JANETTE JEFFREY	AUS 2016	33.70	YOSHIKO KADOSAKA JPN 2019
11:18.79	PASCALE SCHWING	FRA 2023	3:20.24	COLETTE CRABBE	BEL 2022	33.80	C.NIEUWENHUIS NED 2022
11:21.32	LO KNAPP	USA 2019	3:22.55	ESTHER ISEPPI	GBR 2023	100 M. FREE	
11:22.16	LINDA BLAND	USA 2023	3:23.63	JENNIFER MERRITT	GBR 2016	1:06.68	LAURA VAL USA 2023
11:22.78	SUSAN M RITTER	USA 2022	3:23.87	KEIKO UTSUMI	JPN 2022	1:11.21	CHARLOTTE M DAVIS USA 2021
1500 M. FREE			3:24.25	GIURGIZA GABRILO	CRO 2012	1:11.49	SANDERINA KRUGER RSA 2019
20:41.53	S.HEIM-BOWEN	USA 2023	3:24.61	CHARLOTTE DAVIS	USA 2019	1:14.28	YOSHIKO OSAKI JPN 2009
21:00.15	LAURA VAL	USA 2016	50 M. FLY			1:15.01	CHRISTEL SCHULZ GER 2010
21:04.07	KAREN L EINSIDLER	USA 2021	32.36	TRACI S GRANGER	USA 2023	1:15.30	DIANN UUSTAL USA 2017
21:10.27	N.STEADMAN MARTIN	USA 2023	32.93	PENNY NOYES	USA 2019	1:15.96	CAROLE SMITH ITA 2023
21:32.84	CHRISTIE CIRAULO	USA 2019	33.34	LAURA VAL	USA 2018	1:15.97	CHRISTIE CIRAULO USA 2023
21:39.97	SUSAN RITTER	USA 2023	33.66	CHARLOTTE DAVIS	USA 2016	1:16.80	C.NIEUWENHUIS NED 2022
21:43.45	LAURA VACA	MEX 2019	34.09	DIANN UUSTAL	USA 2014	1:16.87	BRIGITTE MERTEN GER 2017
21:45.87	STEPHANIE JONES	AUS 2023	34.19	LEIGH RODGERS	AUS 2021	200 M. FREE	
21:56.07	AUDREY COOPER	GBR 2019	34.23	CECILIA MCCLOSKEY	USA 2017	2:29.72	LAURA B VAL USA 2022
22:11.25	PASCALE SCHWING	FRA 2023	34.50	CHRISTIE CIRAULO	USA 2019	2:40.63	CHRISTIE CIRAULO USA 2023
50 M. BACK			34.79	CATHY GANZE	USA 2022	2:44.16	SANDERINA KRUGER RSA 2019
33.59	LAURA VAL	USA 2018	34.80	VERONICA HIBBEN	USA 2021	2:46.34	S.LOFTUS-CHARLEY USA 2022
35.39	CECILIA MCCLOSKEY	USA 2017	100 M. FLY			2:46.63	DIANN UUSTAL USA 2016
36.18	PENNY NOYES	USA 2019	1:13.70	LAURA VAL	USA 2016	2:48.03	CHRISTEL SCHULZ GER 2010
36.29	BONNIE BILICH	USA 2023	1:15.18	PENNY NOYES	USA 2019	2:49.80	YOSHIKO OSAKI JPN 2008
36.62	M.RIPLEY	USA 2023	1:17.97	TRACI S GRANGER	USA 2023	2:50.21	CAROLYN BOAK USA 2018
36.89	WENDY S MCNAMARA	USA 2021	1:20.09	CHARLOTTE DAVIS	USA 2015	2:50.27	JANE ASHER GBR 2002
37.11	MARGIT OHLSSON	SWE 2011	1:20.90	COLETTE CRABBE	BEL 2022	2:52.42	JEN THOMASSON AUS 2014
37.38	CLARY MUNNS	AUS 2009	1:20.90	CECILIA MCCLOSKEY	USA 2016	400 M. FREE	
37.44	LEIGH RODGERS	AUS 2023	1:22.45	LAURA VACA	MEX 2018	5:21.19	LAURA B VAL USA 2022
37.44	DIANN UUSTAL	USA 2011	1:23.73	ANDRA JAUNZEME	USA 2018	5:23.83	CHRISTIE CIRAULO USA 2023
100 M. BACK			1:24.82	VERONICA HIBBEN	USA 2021	5:41.33	CHARLOTTE M DAVIS USA 2021
1:14.49	LAURA VAL	USA 2018	1:25.18	CHRISTIE CIRAULO	USA 2019	5:46.36	S.LOFTUS-CHARLEY USA 2022
1:18.63	CECILIA MCCLOSKEY	USA 2018	200 M. FLY			5:53.53	LAURA VACA MEX 2023
1:19.72	M.BELOTE RIPLEY	USA 2023	2:57.26	PENNY NOYES	USA 2019	5:54.97	YOSHIKO OSAKI JPN 2008
1:21.81	MARGIT OHLSSON	SWE 2010	3:06.83	LAURA VACA	MEX 2018	5:58.74	CHERYL A MURRAY USA 2022
1:22.09	WENDY S MCNAMARA	USA 2021	3:09.32	ANDRA JAUNZEME	USA 2018	5:59.00	JEN THOMASSON AUS 2013
1:22.30	DIANN UUSTAL	USA 2011	3:12.74	NANCY MARTIN	USA 2021	6:04.55	MARTINE REYNAUD FRA 2022
1:22.39	LEIGH RODGERS	AUS 2023	3:16.19	AMANDA HEATH	GBR 2023	6:05.25	JANE ASHER GBR 2004
1:22.53	PENNY NOYES	USA 2019	3:17.25	TRACI GRANGER	USA 2023	800 M. FREE	
1:22.93	A.PIJTAK-RADERSMA	NED 2022	3:17.58	S.LOFTUS-CHARLEY	USA 2017	11:04.90	CHRISTIE CIRAULO USA 2023
1:23.61	CLARY MUNNS	AUS 2009	3:21.42	CAROLYN BOAK	USA 2010	11:11.89	LAURA B VAL USA 2021
200 M. BACK			3:21.88	ESTHER ISEPPI	GBR 2023	11:42.97	CHARLOTTE M DAVIS USA 2021
2:47.70	LAURA VAL	USA 2019	3:23.68	JUNKO SATO	JPN 2019	11:51.70	S.LOFTUS-CHARLEY USA 2022
2:49.62	BONNIE BILICH	USA 2023	200 M. I.M.			11:58.82	LAURA VACA MEX 2023
2:52.94	M.BELOTE RIPLEY	USA 2023	2:51.52	PENNY NOYES	USA 2019	12:09.96	CHERYL A MURRAY USA 2022
2:54.48	CECILIA MCCLOSKEY	USA 2018	2:54.16	LAURA VAL	USA 2016	12:13.07	YOSHIKO OSAKI JPN 2009
2:55.61	LEIGH RODGERS	AUS 2022	2:54.74	CHARLOTTE DAVIS	USA 2016	12:15.81	JEN THOMASSON AUS 2014
2:59.62	A.PIJTAK-RADERSMA	NED 2022	2:55.57	COLETTE CRABBE	BEL 2023	12:32.21	JANE ASHER GBR 2002
3:00.24	MARGIT OHLSSON	SWE 2011	2:56.87	CECILIA MCCLOSKEY	USA 2016	12:35.14	LAVELLE STOINOFF USA 2004
3:00.75	DIANN UUSTAL	USA 2013	3:01.15	M.BELOTE RIPLEY	USA 2023	1500 M. FREE	
3:02.61	DIANE COETZEE	RSA 2022	3:02.45	LO KNAPP	USA 2019	21:02.79	CHRISTIE CIRAULO USA 2023
3:03.17	EVIE LYNCH	USA 2019	3:03.90	AMANDA HEATH	GBR 2022	22:17.49	S.LOFTUS-CHARLEY USA 2022
50 M. BRST			3:04.17	CATHY MERRITT	CAN 2017	22:18.76	CHARLOTTE M DAVIS USA 2021
39.91	JENNY WHITELEY	AUS 2023	3:04.35	ANDRA JAUNZEME	USA 2018	23:48.47	CATHERINE RUST USA 2023
40.11	DAGMAR FRESE	GER 2021	400 M. I.M.			23:49.60	JEN THOMASSON AUS 2016
40.51	GIURGIZA GABRILO	CRO 2012	6:14.58	PENNY NOYES	USA 2019	24:06.48	JANE ASHER GBR 2001
40.78	AMANDA HEATH	GBR 2023	6:15.15	LAURA VAL	USA 2019	24:14.23	MARCIA BARRY USA 2018
41.41	JANETTE JEFFREY	AUS 2016	6:21.10	COLETTE CRABBE	BEL 2023	24:24.13	LAVELLE STOINOFF USA 2003
41.49	CAROLE SMITH	ITA 2018	6:27.15	LAURA VACA	MEX 2018	24:31.72	MAUREEN MONS RSA 2021
41.52	MONIKA SENFTLEBEN	GER 2009	6:28.60	CHARLOTTE DAVIS	USA 2016	24:37.72	DIANE SPENCE USA 2023
41.57	REGULA STEIGER	SUI 2018	6:31.08	AMANDA HEATH	GBR 2023	50 M. BACK	
41.65	ALYSON FORDHAM	GBR 2023	6:34.02	AUDREY COOPER	GBR 2019	34.65	LAURA B VAL USA 2021
41.69	BONNIE PRONK	CAN 2007	6:36.11	SUSANNA SORDELLI	ITA 2022	38.69	MARGIT OHLSSON SWE 2015
100 M. BRST			6:36.27	ANDRA JAUNZEME	USA 2018	39.05	CLARY MUNNS AUS 2017
1:28.18	JENNY WHITELEY	AUS 2023	6:36.48	NANCY MARTIN	USA 2021	39.11	DIANN UUSTAL USA 2017
1:29.97	ESTHER ISEPPI	GBR 2023	*****			39.67	SATOKO TAKEUJI JPN 2012
1:30.03	AMANDA HEATH	GBR 2023				39.76	MARGARET TOPPEL USA 2019



**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



40.20	YOKO NAKAMURA	JPN	2018	1:31.71	LAURA VACA	MEX	2023	3:08.87	RUTH SHAPS	USA	2023
40.48	LINDA FULTON	USA	2023	1:31.87	KIRA MAKAROVA	RUS	2018	400 M.	FREE		
40.60	E.KETELSEN	DEN	2013	1:34.51	YOSHIKO OSAKI	JPN	2008	6:12.25	YOSHIKO OSAKI	JPN	2013
40.84	PAM HUTCHINGS	AUS	2008	1:35.09	MARGOT PETTIJOHN	USA	2016	6:13.20	JANE ASHER	GBR	2006
100 M.	BACK			1:35.24	CAROLYN BOAK	USA	2018	6:27.04	DIANN UUSTAL	USA	2021
1:16.27	LAURA VAL	USA	2023	1:36.73	S.LOFTUS-CHARLEY	USA	2022	6:29.37	CHRISTEL SCHULZ	GER	2015
1:25.20	MARGIT OHLSSON	SWE	2015	200 M.	FLY			6:29.79	CHRISTIE HAYES	USA	2023
1:25.54	DIANN UUSTAL	USA	2017	3:21.60	ANDRA JAUNZEME	USA	2023	6:30.01	JEN THOMASSON	AUS	2019
1:26.15	SATOKO TAKEUJI	JPN	2012	3:31.09	LAURA VACA	MEX	2023	6:30.77	HEATHER MORGAN	AUS	2019
1:27.07	JULIE GUNTHORP	NZL	2017	3:35.36	CLARY MUNNS	AUS	2016	6:37.57	RUTH SHAPS	USA	2023
1:28.20	LINDA FULTON	USA	2023	3:37.41	MARGOT PETTIJOHN	USA	2016	6:39.23	ESTER HOLDSHTEIN	ISR	2022
1:28.60	CLARY MUNNS	AUS	2015	3:38.65	CHERYL A MURRAY	USA	2022	6:39.88	MARCIA BARRY	USA	2023
1:29.18	EVIE LYNCH	USA	2023	3:39.91	JUNE KRAUSER	USA	1996	800 M.	FREE		
1:29.63	E.KETELSEN	DEN	2016	3:40.14	JUDY WILSON	GBR	2014	12:58.94	JANE ASHER	GBR	2006
1:31.07	RACHEL BARTON	GBR	2019	3:41.10	CAROLYN BOAK	USA	2016	13:22.23	CAROLYN BOAK	USA	2021
200 M.	BACK			3:43.26	M.NEUMEISTER	GER	2022	13:22.27	HEATHER MORGAN	AUS	2019
2:49.43	LAURA B VAL	USA	2021	3:44.93	HELGA REICH	GER	2007	13:24.30	JEN THOMASSON	AUS	2021
3:06.24	MARGIT OHLSSON	SWE	2015	200 M.	I.M.			13:31.99	RUTH SHAPS	USA	2023
3:11.54	SATOKO TAKEUJI	JPN	2012	3:00.96	LAURA B VAL	USA	2021	13:34.69	YOSHIKO OSAKI	JPN	2014
3:11.78	JULIE GUNTHORP	NZL	2017	3:10.64	BRIGITTE MERTEN	GER	2016	13:48.34	MARCIA BARRY	USA	2023
3:12.16	LINDA FULTON	USA	2023	3:13.19	YOSHIKO OSAKI	JPN	2008	13:52.55	CHRISTIE HAYES	USA	2023
3:13.92	EVIE LYNCH	USA	2023	3:14.07	CHRISTEL SCHULZ	GER	2010	13:57.01	MARIA PENNA	BRA	2014
3:14.31	CLARY MUNNS	AUS	2016	3:14.36	KIRA MAKAROVA	RUS	2019	13:58.35	HELGA REICH	GER	2012
3:14.66	DIANN UUSTAL	USA	2017	3:14.86	LAURA VACA	MEX	2023	1500 M.	FREE		
3:16.54	NORIKO YOSHIDA	JPN	2014	3:16.45	MARGIT OHLSSON	SWE	2015	24:41.76	JANE ASHER	GBR	2006
3:16.64	E.KETELSEN	DEN	2013	3:16.90	CHRISTIE CIRAULO	USA	2023	26:00.10	MARCIA BARRY	USA	2023
50 M.	BRST			3:17.78	CLARY MUNNS	AUS	2017	26:15.21	CHRISTIE HAYES	USA	2023
42.70	CAROLE SMITH	ITA	2023	3:19.48	S.LOFTUS-CHARLEY	USA	2022	26:21.36	ROSA MONTAGUE	AUS	2023
42.80	MONIKA SENFTLEBEN	GER	2012	400 M.	I.M.			26:41.71	REIKO ISHIZAKI	JPN	2013
42.98	KAYAKO HIROSE	JPN	2017	6:54.30	BRIGITTE MERTEN	GER	2016	26:48.86	BEVERLY MONTRELLA	USA	2021
43.19	DANA BROWN	USA	2018	6:54.93	YOSHIKO OSAKI	JPN	2008	26:52.28	JOANNE MENARD	USA	2023
43.45	SHOKO YONEZAWA	JPN	2005	6:55.31	LAURA VACA	MEX	2023	26:58.65	DENISE ROBERTSON	AUS	2013
43.92	CHARLOTTE M DAVIS	USA	2021	6:57.34	S.LOFTUS-CHARLEY	USA	2022	27:09.75	JEAN TROY	USA	2003
43.98	EDITH BOEHM	GER	1999	7:04.83	CLARY MUNNS	AUS	2016	27:19.77	ANNE WILLIAMS	USA	2013
44.01	ANNEROSE TROBISCH	GER	2018	7:10.49	CHERYL A MURRAY	USA	2022	50 M.	BACK		
44.29	JANETTE JEFFREY	AUS	2021	7:12.08	MIRA GUGLIELMI	ITA	2022	40.08	DIANN UUSTAL	USA	2021
44.52	CORNELIA NEUBERT	GER	2022	7:16.18	MARGOT PETTIJOHN	USA	2016	40.27	CLARY MUNNS	AUS	2019
100 M.	BRST			7:25.26	JANE ASHER	GBR	2001	40.56	SATOKO TAKEUJI	JPN	2017
1:35.93	NOBUKO YASUDA	JPN	2016	7:27.94	MAUREEN MONS	RSA	2022	42.06	SHOKO YONEZAWA	JPN	2010
1:36.91	CHARLOTTE M DAVIS	USA	2021	*****				42.55	YOKO NAKAMURA	JPN	2023
1:37.39	DIANE FORD	GBR	2013	*****				42.72	E.KETELSEN	DEN	2018
1:37.72	SHOKO YONEZAWA	JPN	2007	*****				42.87	HIROMI SATO	JPN	2017
1:38.78	JOANN LEILICH	USA	2009	*****				43.16	PAM HUTCHINGS	AUS	2011
1:39.11	JANETTE JEFFREY	AUS	2020	50 M.	FREE			43.22	BITTE AXLING	SWE	2022
1:39.14	DANA BROWN	USA	2018	34.11	DIANN UUSTAL	USA	2021	43.68	KIRA MAKAROVA	RUS	2022
1:39.15	MASAYO AZUMA	JPN	2005	34.85	JANE ASHER	GBR	2006	100 M.	BACK		
1:39.29	KAYAKO HIROSE	JPN	2017	35.35	GEORGINA LOPEZ	CAN	2019	1:28.67	DIANN UUSTAL	USA	2021
1:40.78	MARGOT PETTIJOHN	USA	2016	35.48	BEVERLY MONTRELLA	USA	2021	1:28.96	CLARY MUNNS	AUS	2019
200 M.	BRST			35.48	CHRISTEL SCHULZ	GER	2015	1:31.79	SATOKO TAKEUJI	JPN	2017
3:29.25	NOBUKO YASUDA	JPN	2017	35.70	CLARY MUNNS	AUS	2019	1:33.47	E.KETELSEN	DEN	2018
3:29.91	CHARLOTTE M DAVIS	USA	2021	35.73	BITTE AXLING	SWE	2022	1:35.14	CHRISTEL SCHULZ	GER	2015
3:30.66	DIANE FORD	GBR	2013	35.85	MADELINE LANTHIER	CAN	2018	1:35.88	NORIKO YOSHIDA	JPN	2019
3:32.38	JANETTE JEFFREY	AUS	2020	35.90	IKUKO OKADO	JPN	2020	1:37.81	YOSHIKO OSAKI	JPN	2015
3:34.32	SHOKO YONEZAWA	JPN	2005	35.90	YOSHIKO OSAKI	JPN	2013	1:38.62	JANE ASHER	GBR	2006
3:34.49	JOANN LEILICH	USA	2011	100 M.	FREE			1:38.78	DORIS STEADMAN	USA	2000
3:36.45	LUISE KNOPFLE	GER	2009	1:17.38	DIANN UUSTAL	USA	2021	1:39.02	SHOKO YONEZAWA	JPN	2010
3:38.05	MASAYO AZUMA	JPN	2006	1:19.71	YOSHIKO OSAKI	JPN	2014	200 M.	BACK		
3:38.89	TAMAE FURUYA	JPN	2015	1:20.10	CHRISTEL SCHULZ	GER	2015	3:16.73	DIANN UUSTAL	USA	2022
3:39.39	KAYAKO HIROSE	JPN	2017	1:20.15	JANE ASHER	GBR	2006	3:16.80	CLARY MUNNS	AUS	2019
50 M.	FLY			1:20.55	KIRA MAKAROVA	RUS	2023	3:23.72	E.KETELSEN	DEN	2018
34.68	LAURA VAL	USA	2023	1:21.75	RUTH SHAPS	USA	2023	3:25.49	NORIKO YOSHIDA	JPN	2018
35.02	DIANN UUSTAL	USA	2017	1:22.56	F.WILLIAMSON	USA	2023	3:27.59	SATOKO TAKEUJI	JPN	2017
35.22	CHARLOTTE M DAVIS	USA	2021	1:23.45	MADELINE SEVIGNY	CAN	2020	3:28.18	CHRISTEL SCHULZ	GER	2016
36.36	JUDY WILSON	GBR	2014	1:23.58	MADELINE LANTHIER	CAN	2018	3:31.81	YOSHIKO OSAKI	JPN	2015
36.38	CHRISTIE CIRAULO	USA	2023	1:24.31	JEN THOMASSON	AUS	2018	3:34.02	G.JANSSSENS	RSA	2019
37.36	MARGARET TOPPEL	USA	2018	200 M.	FREE			3:34.35	JANE ASHER	GBR	2006
37.50	SUMIKO KOBAYASHI	JPN	2020	2:51.87	DIANN UUSTAL	USA	2021	3:37.48	DORIS STEADMAN	USA	2000
37.93	CHRISTEL SCHULZ	GER	2010	2:54.26	YOSHIKO OSAKI	JPN	2013	50 M.	BRST		
38.27	BRIGITTE MERTEN	GER	2016	2:56.57	JANE ASHER	GBR	2008	43.95	SHOKO YONEZAWA	JPN	2010
38.65	HARUMI SUGIMOTO	JPN	2008	3:00.89	CHRISTEL SCHULZ	GER	2015	46.69	ELIANE PELLIS	BEL	2009
100 M.	FLY			3:03.64	KIRA MAKAROVA	RUS	2023	46.72	DIANE FORD	GBR	2019
1:16.07	LAURA B VAL	USA	2021	3:05.39	JEN THOMASSON	AUS	2018	47.10	JOANN LEILICH	USA	2014
1:24.55	JUDY WILSON	GBR	2014	3:05.65	ESTER HOLDSHTEIN	ISR	2022	47.25	DANIELA BARNEA	USA	2019
1:28.94	CHRISTIE CIRAULO	USA	2023	3:06.39	HEATHER MORGAN	AUS	2019	47.28	CLARY MUNNS	AUS	2019
1:28.99	BRIGITTE MERTEN	GER	2016	3:07.40	F.WILLIAMSON	USA	2023	47.48	HEATHER MORGAN	AUS	2019

47.56 KAYAKO HIROSE	JPN 2022	7:53.52 CAROLYN BOAK	USA 2021	50 M. BACK	
47.59 EDITH BOHM	GER 2003	8:08.52 HELGA REICH	GER 2011	44.44 SATOKO TAKEUJI	JPN 2023
47.76 KUMIE TOKUDA	JPN 2012	8:09.71 CHRISTIE HAYES	USA 2023	45.48 YOSHIKO OSAKI	JPN 2021
100 M. BRST		8:10.16 ANN HIRSCH	USA 2006	46.14 HELEN BIRD	AUS 2018
1:38.81 SHOKO YONEZAWA	JPN 2010	8:17.70 GAIL ROPER	USA 2005	46.39 BUNNY CEDERLUND	USA 2002
1:42.18 JOANN LEILICH	USA 2014			46.42 E.KETELSEN	DEN 2023
1:42.27 DIANE FORD	GBR 2019	*****			
1:44.00 LUISE KNOPFLE	GER 2014	WOMEN 80-84			
1:44.28 MASAYO AZUMA	JPN 2010	*****			
1:44.40 DANIELA BARNEA	USA 2019	50 M. FREE		46.51 JANE ASHER	GBR 2012
1:45.78 ELIANE PELLIS	BEL 2009	35.04 EVA JAROSOVA	CZE 2016	46.75 CHRISTEL SCHULZ	GER 2022
1:45.98 A.VAN OBBERGHEN	BEL 2008	36.61 YOSHIKO OSAKI	JPN 2018	47.00 NORIKO YOSHIDA	JPN 2023
1:47.13 ESTER HOLDSHTEIN	ISR 2022	37.03 MADELEINE SEVIGNY	CAN 2023	47.27 SHOKO YONEZAWA	JPN 2017
1:47.73 KUMIE TOKUDA	JPN 2012	37.45 JANE ASHER	GBR 2011	47.47 KATHARINA FLORA	HUN 2017
200 M. BRST		37.79 IKUKO OKADO	JPN 2023	100 M. BACK	
3:40.84 JOANN LEILICH	USA 2014	38.64 GAIL ROPER	USA 2009	1:39.25 E.KETELSEN	DEN 2023
3:41.53 SHOKO YONEZAWA	JPN 2010	39.02 CLAIRE O'DWYER	IRL 2022	1:39.68 SATOKO TAKEUJI	JPN 2023
3:43.29 LUISE KNOPFLE	GER 2014	39.13 CHRISTEL SCHULZ	GER 2022	1:40.18 NORIKO YOSHIDA	JPN 2023
3:43.88 DIANE FORD	GBR 2019	39.18 FUSAKO HIROOKA	JPN 2017	1:41.18 YOSHIKO OSAKI	JPN 2021
3:44.29 MASAYO AZUMA	JPN 2011	39.51 JOHNNIE DETRICK	USA 2016	1:41.87 HELEN BIRD	AUS 2017
3:48.31 DANIELA BARNEA	USA 2019	100 M. FREE		1:43.57 KATI FLORA	HUN 2017
3:53.56 A.VAN OBBERGHEN	BEL 2008	1:23.16 YOSHIKO OSAKI	JPN 2018	1:43.79 CHRISTEL SCHULZ	GER 2022
3:54.88 ELIANE PELLIS	BEL 2008	1:24.18 JANE ASHER	GBR 2011	1:45.62 EVA JAROSOVA	CZE 2016
3:55.25 SYLVIA NEUHAUSER	AUT 2004	1:27.55 GAIL ROPER	USA 2009	1:45.89 K.FLORA-OROSZ	HUN 2018
3:55.88 ESTER HOLDSHTEIN	ISR 2022	1:27.62 MADELEINE SEVIGNY	CAN 2023	1:46.11 JANE ASHER	GBR 2011
50 M. FLY		1:29.31 CHRISTEL SCHULZ	GER 2022	200 M. BACK	
38.93 JUDY WILSON	FRA 2019	1:34.23 LINDA MACPHERSON	CAN 2018	3:32.61 NORIKO YOSHIDA	JPN 2023
39.72 KIRA MAKAROVA	RUS 2023	1:34.43 MITSUKO KOMURO	JPN 2010	3:36.91 SATOKO TAKEUJI	JPN 2023
40.06 CHRISTEL SCHULZ	GER 2015	1:34.48 HELEN BIRD	AUS 2019	3:39.26 KATHARINA FLORA	HUN 2017
41.00 BRIGITTE MERTEN	GER 2022	1:34.64 SUSAN LEUNER	RSA 2019	3:39.27 YOSHIKO OSAKI	JPN 2018
41.54 HARUMI SUGIMOTO	JPN 2013	1:34.80 LOTTIE GEURTS	NED 2017	3:41.65 CHRISTEL SCHULZ	GER 2022
41.99 JANE ASHER	GBR 2006	200 M. FREE		3:44.21 HELEN BIRD	AUS 2018
42.12 CLARY MUNNS	AUS 2019	3:05.95 YOSHIKO OSAKI	JPN 2019	3:47.96 JANE ASHER	GBR 2012
42.34 CLAIRE O'DWYER	IRL 2016	3:07.40 JANE ASHER	GBR 2011	3:48.49 E.KETELSEN	DEN 2023
43.86 KIYOKO YONEDA	JPN 2017	3:18.39 MADELEINE SEVIGNY	CAN 2023	3:51.50 JOY WARD	USA 2022
44.00 HEATHER MORGAN	AUS 2019	3:18.47 CHRISTEL SCHULZ	GER 2022	3:53.25 BETTY LORENZI	USA 2009
100 M. FLY		3:26.58 DENISE ROBERTSON	AUS 2015	50 M. BRST	
1:33.66 JUDY WILSON	FRA 2019	3:27.26 JEAN TROY	USA 2007	46.94 DIANE FORD	GBR 2023
1:35.86 KIRA MAKAROVA	RUS 2023	3:27.95 LINDA MACPHERSON	CAN 2018	47.59 SHOKO YONEZAWA	JPN 2015
1:36.09 CLARY MUNNS	AUS 2019	3:30.08 HELGA REICH	GER 2016	48.36 ELIANE PELLIS	BEL 2013
1:41.52 BRIGITTE MERTEN	GER 2023	3:30.85 KUMIE TOKUDA	JPN 2017	48.74 GISELA GRUNER	GER 2018
1:47.40 JUDIE OLIVER	CAN 2007	3:31.42 ANNE WILLIAMS	USA 2019	49.49 AGNES OBBERGHEN	BEL 2012
1:50.12 SYLVIA NEUHAUSER	AUT 2004	400 M. FREE		49.52 MARCELA STASTNA	CZE 2017
1:50.44 HELGA REICH	GER 2011	6:39.90 JANE ASHER	GBR 2012	51.37 ANNE WILLIAMS	USA 2018
1:50.84 DANIELA BARNEA	USA 2019	7:08.81 CHRISTEL SCHULZ	GER 2022	51.39 JOANN LEILICH	USA 2019
1:50.99 JANE ASHER	GBR 2006	7:10.02 M.LANTHIER	CAN 2023	51.62 LUISE KNOPFLE	GER 2019
1:51.04 MARCELA STASTNA	CZE 2012	7:10.31 HELGA REICH	GER 2016	51.70 TAYO FUJIEDA	JPN 2018
200 M. FLY		7:11.45 DENISE ROBERTSON	AUS 2019	100 M. BRST	
3:42.83 CLARY MUNNS	AUS 2019	7:15.72 LINDA MACPHERSON	CAN 2018	1:43.90 DIANE FORD	GBR 2023
4:00.75 DANIELA BARNEA	USA 2019	7:21.67 TAYO FUJIEDA	JPN 2018	1:45.71 SHOKO YONEZAWA	JPN 2015
4:03.55 SYLVIA NEUHAUSER	AUT 2004	7:24.53 JEAN TROY	USA 2007	1:49.04 JOANN LEILICH	USA 2019
4:06.08 HELGA REICH	GER 2011	7:26.51 KUMIE TOKUDA	JPN 2017	1:49.34 MASAYO AZUMA	JPN 2015
4:08.00 JANET GETTLING	USA 2023	7:27.40 ANNE WILLIAMS	USA 2019	1:50.05 ELIANE PELLIS	BEL 2013
4:10.69 JUNE KRAUSER	USA 2001	800 M. FREE		1:50.94 A.VAN OBBERGHEN	BEL 2011
4:12.78 SEIKO HASEBE	JPN 2019	13:51.21 JANE ASHER	GBR 2011	1:51.32 LUISE KNOPFLE	GER 2019
4:15.99 MARSHA REDDIEIX	AUS 2021	14:29.77 DENISE ROBERTSON	AUS 2017	1:53.91 TAYO FUJIEDA	JPN 2018
4:17.87 GAIL ROPER	USA 2004	14:52.17 HELGA REICH	GER 2016	1:54.64 ANNE WILLIAMS	USA 2018
4:19.81 LOIS NOCHMAN	USA 1999	15:12.94 JEAN TROY	USA 2007	1:57.17 ANN HIRSCH	USA 2011
200 M. I.M.		15:19.65 ANNE WILLIAMS	USA 2019	200 M. BRST	
3:21.84 KIRA MAKAROVA	RUS 2022	15:21.62 MARGERY MEYER	USA 2003	3:51.53 DIANE FORD	GBR 2023
3:25.01 CLARY MUNNS	AUS 2019	15:27.77 KATSUE NOMURA	JPN 2022	3:59.55 JOANN LEILICH	USA 2019
3:27.77 BRIGITTE MERTEN	GER 2021	15:32.50 GAIL ROPER	USA 2009	3:59.60 MASAYO AZUMA	JPN 2015
3:32.94 YOSHIKO OSAKI	JPN 2013	15:42.32 E.KETELSEN	DEN 2023	4:00.42 LUISE KNOPFLE	GER 2019
3:33.71 CHRISTEL SCHULZ	GER 2015	15:44.39 DOROTHY DICKEY	AUS 2012	4:05.52 A.VAN OBBERGHEN	BEL 2012
3:37.26 ESTER HOLDSHTEIN	ISR 2022	1500 M. FREE		4:05.92 TAYO FUJIEDA	JPN 2018
3:38.23 DANIELA BARNEA	USA 2019	26:29.87 JANE ASHER	GBR 2011	4:06.49 ANNE WILLIAMS	USA 2018
3:38.46 JANE ASHER	GBR 2006	28:22.56 HELGA REICH	GER 2016	4:09.40 SANTA JAARVELD	RSA 2017
3:41.92 CHRISTIE HAYES	USA 2023	28:29.39 DENISE ROBERTSON	AUS 2018	4:17.64 ANN HIRSCH	USA 2011
3:47.23 BEVERLY MONTELLA	USA 2021	28:46.68 KATSUE NOMURA	JPN 2022	4:17.76 SYLVIA NEUHAUSER	AUT 2009
400 M. I.M.		29:04.81 JEAN TROY	USA 2007	50 M. FLY	
7:17.78 CLARY MUNNS	AUS 2019	29:35.03 MARGERY MEYER	USA 2002	46.21 JANE ASHER	GBR 2011
7:29.06 BRIGITTE MERTEN	GER 2022	30:08.84 ANNE WILLIAMS	USA 2019	47.16 CHRISTEL SCHULZ	GER 2022
7:39.98 JANE ASHER	GBR 2006	30:27.88 BETTY LORENZI	USA 2008	47.37 GAIL ROPER	USA 2009
7:47.11 DANIELA BARNEA	USA 2019	30:35.70 FRANCA PARODI	ITA 2013	49.13 JUDIE OLIVER	CAN 2012
7:51.71 JUNE KRAUSER	USA 2001	30:41.01 RITA SIMONTON	USA 1999	49.85 HISAKO KITAYAMA	JPN 2018
				50.03 MICHIE DOI	JPN 2023
				50.03 FUMIKO NAKAMURA	JPN 2018
				50.82 MARCELA STASTNA	CZE 2017

**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



51.59	LUISE KNOPFLE	GER	2019	3:31.03	DENISE ROBERTSON	AUS	2020	51.83	AGNES OBBERGHEN	BEL	2016
52.35	MARSHA REDDIE	AUS	2023	3:42.73	HELGA REICH	GER	2022	54.32	SHOKO YONEZAWA	JPN	2022
100 M. FLY				3:47.45	TAYO FUJIEDA	JPN	2022	55.69	ELIANE PELLIS	BEL	2018
1:54.93	JUDIE OLIVER	CAN	2012	3:48.10	KATHARINA FLORA	HUN	2019	55.94	GISELA GRUNER	GER	2022
2:01.54	SYLVIA NEUHAUSER	AUT	2009	3:49.67	JEAN TROY	USA	2012	56.16	KATHARINA FLORA	HUN	2019
2:02.16	HELGA REICH	GER	2016	3:50.54	DOROTHY DICKEY	AUS	2016	56.37	TAYO FUJIEDA	JPN	2022
2:02.26	JANE ASHER	GBR	2011	3:51.26	ANNE WILLIAMS	USA	2023	57.24	OLGA KOKORINA	RUS	2009
2:02.44	MARCELA STASTNA	CZE	2017	3:52.74	HELEN BIRD	AUS	2022	58.57	ANNE WILLIAMS	USA	2023
2:06.55	LOIS KIVI NOCHMAN	USA	2004	400 M. FREE				59.16	JANE ASHER	GBR	2016
2:08.31	FUMIKO NAKAMURA	JPN	2018	7:10.67	JANE ASHER	GBR	2016	59.71	YOKO MIZUNO	JPN	2021
2:08.32	MARSHA REDDIE	AUS	2023	7:34.44	DENISE ROBERTSON	AUS	2021	100 M. BRST			
2:09.31	MARY ANN CASE	USA	2022	7:41.26	KATHARINA FLORA	HUN	2019	1:54.96	AGNES OBBERGHEN	BEL	2016
2:11.45	IVANA FELGROVA	CZE	2022	7:45.93	HELGA REICH	GER	2022	2:03.16	TAYO FUJIEDA	JPN	2022
200 M. FLY				7:58.75	TAYO FUJIEDA	JPN	2023	2:05.71	ELIANE PELLIS	BEL	2018
4:15.19	JUDIE OLIVER	CAN	2012	8:06.04	JEAN TROY	USA	2012	2:09.75	OLGA KOKORINA	RUS	2009
4:22.66	SYLVIA NEUHAUSER	AUT	2009	8:06.45	NAN BOHL	USA	2014	2:13.80	YOKO MIZUNO	JPN	2022
4:28.61	HELGA REICH	GER	2016	8:10.13	DOROTHY DICKEY	AUS	2017	2:15.16	JANE ASHER	GBR	2018
4:34.86	LOIS KIVI NOCHMAN	USA	2004	8:12.94	JANE OBERG	USA	2023	2:16.64	NINA SOLOVIEVA	RUS	2023
4:38.43	MARSHA REDDIE	AUS	2023	8:14.05	MARGERY MEYER	USA	2007	2:20.49	NAN BOHL	USA	2014
5:11.67	Y.KAPLAN-BADER	FRA	2008	800 M. FREE				2:21.10	ETSUKO KIMURA	JPN	2015
5:12.38	BETTY RUSS	USA	2008	14:27.71	JANE ASHER	GBR	2016	2:21.60	NADIR TAUBERT	BRA	2018
5:19.57	MARY ANN CASE	USA	2022	15:22.75	DENISE ROBERTSON	AUS	2021	200 M. BRST			
5:22.67	HIROKO KOBAYASHI	JPN	2020	15:50.38	HELGA REICH	GER	2022	4:18.23	AGNES OBBERGHEN	BEL	2016
5:24.52	JEAN DURSTON	USA	1994	16:13.47	TAYO FUJIEDA	JPN	2022	4:29.18	TAYO FUJIEDA	JPN	2022
200 M. I.M.				16:34.35	JANE OBERG	USA	2023	4:43.93	OLGA KOKORINA	RUS	2009
3:46.26	EVA JAROSOVA	CZE	2016	16:45.59	DOROTHY DICKEY	AUS	2015	4:56.16	JANE ASHER	GBR	2018
3:53.12	KATI FLORA	HUN	2017	16:48.12	NAN BOHL	USA	2014	4:59.83	ANNEMARIE LUDICKE	GER	2023
3:54.07	JANE ASHER	GBR	2011	17:09.73	MARGERY MEYER	USA	2007	5:04.17	ANN HIRSCH	USA	2016
3:59.70	JUDIE OLIVER	CAN	2012	17:10.20	BETTY LORENZI	USA	2013	5:14.41	NAN BOHL	USA	2014
4:05.75	JOY WARD	USA	2023	17:14.24	RITA SIMONTON	USA	2003	5:21.18	MURIEL HITCHCOCK	GBR	2023
4:07.83	TAYO FUJIEDA	JPN	2019	1500 M. FREE				5:21.96	JEAN TROY	USA	2012
4:08.36	ANNE H WILLIAMS	USA	2022	28:11.18	JANE ASHER	GBR	2016	5:22.00	KRISTIN NORSTAD	USA	2023
4:09.86	MARCELA STASTNA	CZE	2017	30:04.00	HELGA REICH	GER	2022	50 M. FLY			
4:11.81	MARSHA REDDIE	AUS	2023	31:29.52	JANE OBERG	USA	2023	48.90	KATHARINA FLORA	HUN	2019
4:12.56	HELGA REICH	GER	2016	32:11.49	MARGERY MEYER	USA	2009	51.28	JANE ASHER	GBR	2016
400 M. I.M.				32:18.85	DOROTHY DICKEY	AUS	2016	57.71	FUMIKO NAKAMURA	JPN	2023
8:21.88	JANE ASHER	GBR	2011	32:32.53	BETTY LORENZI	USA	2012	58.45	JANE OBERG	USA	2023
8:23.81	JUDIE OLIVER	CAN	2012	32:33.60	RITA SIMONTON	USA	2003	58.73	HISAKO KITAYAMA	JPN	2023
8:51.30	HELGA REICH	GER	2016	34:33.46	YOSHIKO KINOSHITA	JPN	2016	58.93	SHOKO YAMADA	JPN	2023
9:00.09	ANNEMARIE LUDICKE	GER	2018	34:44.15	ANNEMARIE LUDICKE	GER	2023	59.01	HELGA REICH	GER	2022
9:08.47	MARSHA REDDIE	AUS	2023	35:43.52	AIKO HORII	JPN	2015	1:00.01	LOIS KIVI NOCHMAN	USA	2009
9:12.87	JOY WARD	USA	2023	50 M. BACK				1:01.94	LOIS KIVI NOCHMAN	USA	2009
9:22.68	DENISE ROBERTSON	AUS	2015	44.92	JANE ASHER	GBR	2016	1:03.82	MARCELA STASTNA	CZE	2022
9:24.85	TERUKO MURAKAMI	JPN	2018	47.23	YOSHIKO OSAKI	JPN	2023	1:06.15	TAYO FUJIEDA	JPN	2022
9:32.43	JEAN TROY	USA	2007	48.85	KATHARINA FLORA	HUN	2019	100 M. FLY			
9:37.40	JUDITH MAIER	HUN	2023	49.04	HELEN BIRD	AUS	2023	2:01.26	KATHARINA FLORA	HUN	2019
*****				51.81	BETTY LORENZI	USA	2012	2:23.89	LOIS KIVI NOCHMAN	USA	2009
				52.08	U.MEYER-TONNDORF	GER	2022	2:26.72	FUMIKO NAKAMURA	JPN	2023
				53.44	BUNNY CEDERLUND	USA	2006	2:29.94	MARIE SMITS	NED	2023
				53.95	MAE WALDIE	CAN	2023	2:34.21	JANE OBERG	USA	2023
				55.55	MARCELA STASTNA	CZE	2023	2:39.43	JEAN DURSTON	USA	2000
				55.67	SHOKO YONEZAWA	JPN	2023	2:40.97	Y.KAPLAN-BADER	FRA	2013
				100 M. BACK				2:43.95	BETTY RUSS	USA	2015
				1:45.27	KATHARINA FLORA	HUN	2019	2:45.28	DOROTHY WESTON	GBR	1998
				1:45.59	YOSHIKO OSAKI	JPN	2023	2:52.47	JAE HOWELL	USA	2007
				1:47.52	HELEN BIRD	AUS	2023	200 M. FLY			
				1:52.70	JANE ASHER	GBR	2016	5:07.64	LOIS KIVI NOCHMAN	USA	2009
				1:54.22	BETTY LORENZI	USA	2012	5:41.48	BETTY RUSS	USA	2012
				1:59.55	TAYO FUJIEDA	JPN	2022	5:49.75	JEAN DURSTON	USA	1999
				2:01.96	ANNE WILLIAMS	USA	2023	6:12.31	JAE HOWELL	USA	2007
				2:03.17	FUSAKO KATO	JPN	2022	6:18.45	Y.KAPLAN-BADER	FRA	2016
				2:04.88	U.MEYER-TONNDORF	GER	2022	6:21.16	THELMA BRYAN	AUS	2015
				2:05.22	MAE WALDIE	CAN	2023	6:35.26	MAXINE MERLINO	USA	1998
				200 M. BACK				6:35.92	JUNE REYNOLDS	USA	2007
				3:43.27	KATHARINA FLORA	HUN	2019	6:46.13	HARUKO SASAKI	JPN	2017
				3:59.79	HELEN BIRD	AUS	2023	7:18.41	KATHERINE PELTON	USA	1990
				4:00.25	JANE ASHER	GBR	2016	200 M. I.M.			
				4:11.77	BETTY LORENZI	USA	2012	3:54.86	KATHARINA FLORA	HUN	2019
				4:17.58	TAYO FUJIEDA	JPN	2022	4:12.71	JANE ASHER	GBR	2016
				4:19.62	ANNE WILLIAMS	USA	2023	4:25.03	TAYO FUJIEDA	JPN	2022
				4:20.84	FUSAKO KATO	JPN	2022	4:34.02	DENISE ROBERTSON	AUS	2020
				4:23.62	HISAKO KITAYAMA	JPN	2023	4:36.36	JANE OBERG	USA	2023
				4:28.69	ITSUKO KATSUBE	JPN	2020	5:00.53	ANN HIRSCH	USA	2016
				4:29.16	EDITH THEIN	ISR	2003	5:01.26	JEAN TROY	USA	2014
				50 M. BRST				5:01.29	HELEN BIRD	AUS	2022
								5:03.50	ANNEMARIE LUDICKE	GER	2023



**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



22:01.50	ANNE DUNIVIN	USA	2011	400 M. I.M.	3:58.94	MATEO DE ANGULO	COL	2016
800 M. FREE				18:50.06	NORA RONAI	BRA	2019	
21:39.10	MAURINE KORNFELD	USA	2017		4:00.96	ALEKSANDR FEDOROV	RUS	2022
21:53.69	RITA SIMONTON	USA	2013	*****	4:00.98	HONZA VITAZKA	USA	2002
24:54.86	VALERIE LINCOLN	AUS	2019	WOMEN 100-104	4:01.70	STEVE MELLOR	GBR	2001
29:29.02	MIEKO NAGAOKA	JPN	2010	*****	4:02.79	MARTIN HOHL	SUI	2009
31:35.73	CHARLOTTE SANDDAL	USA	2017	50 M. FREE	4:02.95	BART REYEMEN	BEL	1998
33:53.37	KATH JOHNSTONE	NZL	2012	1:12.84	MAURINE KORNFELD	USA	2021	
1500 M. FREE				1:41.88	MIEKO NAGAOKA	JPN	2014	
41:39.68	RITA SIMONTON	USA	2013	2:43.80	ANNE DUNIVIN	USA	2016	
54:09.81	MIEKO NAGAOKA	JPN	2011	5:10.84	MARY MAINA	AUS	1994	
85:21.95	KATH JOHNSTONE	NZL	2015	100 M. FREE	8:22.43	ROBERT NUSSLE	GER	2013
50 M. BACK				2:52.45	MAURINE KORNFELD	USA	2021	
1:14.31	RITA SIMONTON	USA	2013	3:45.85	MIEKO NAGAOKA	JPN	2014	
1:16.16	SUGAKO KUWAYAMA	JPN	2018	5:42.81	ANNE DUNIVIN	USA	2016	
1:17.35	MAURINE KORNFELD	USA	2016	6:17.75	MARGO BATES	AUS	2010	
1:18.78	LIZ WALLIS	AUS	2023	200 M. FREE	8:32.05	MATTEO MONTANARI	ITA	2017
1:19.05	MIEKO NAGAOKA	JPN	2009	6:33.32	MAURINE KORNFELD	USA	2021	
1:20.42	BETTY BRUSSEL	CAN	2023	7:48.76	MIEKO NAGAOKA	JPN	2014	
1:22.29	FUMI MURATA	JPN	2018	12:06.09	ANNE DUNIVIN	USA	2016	
1:24.78	KALIS RASMUSSEN	CAN	2019	400 M. FREE	8:33.41	TAKUTO KITAYAMA	JPN	2019
1:26.82	KIKUE ISHII	JPN	2016	16:36.80	MIEKO NAGAOKA	JPN	2014	
1:30.96	INGEBORG FRITZE	GER	2016	800 M. FREE	15:49.04	DAVID HERON	USA	2022
100 M. BACK				38:04.30	MIEKO NAGAOKA	JPN	2014	
2:42.67	RITA SIMONTON	USA	2013	1500 M. FREE	16:13.78	RAFAEL CABANILLAS	ESP	2015
2:47.43	MAURINE KORNFELD	USA	2016	74:08.73	MIEKO NAGAOKA	JPN	2014	
2:51.91	SUGAKO KUWAYAMA	JPN	2018	50 M. BACK	16:26.06	MARTIN HOHL	SUI	2012
2:55.56	MIEKO NAGAOKA	JPN	2010	1:29.84	MAURINE KORNFELD	USA	2021	
3:00.45	KALIS RASMUSSEN	CAN	2019	1:33.89	MIEKO NAGAOKA	JPN	2014	
3:26.93	MASAKO MATSUNO	JPN	2011	2:52.85	MARGO BATES	AUS	2010	
3:36.72	VALERIE LINCOLN	AUS	2019	100 M. BACK	16:31.20	JOHN CALNAN	CAN	2006
3:40.79	CLARICE ARTIS	AUS	2013	3:04.26	MAURINE KORNFELD	USA	2021	
3:42.90	EDITH HENDRY	USA	2007	3:39.81	MIEKO NAGAOKA	JPN	2014	
3:43.56	M.MAANDONKS	NED	2022	6:36.82	MARGO BATES	AUS	2010	
200 M. BACK				200 M. BACK	6:40.62	MAURINE KORNFELD	USA	2021
5:42.64	MAURINE KORNFELD	USA	2016	8:05.64	MIEKO NAGAOKA	JPN	2014	
5:58.40	KALIS RASMUSSEN	CAN	2019	*****				
6:17.46	RITA SIMONTON	USA	2014	M E N 25-29				
6:29.99	MIEKO NAGAOKA	JPN	2010	*****				
7:09.94	CHARLOTTE SANDDAL	USA	2017	50 M. FREE				
7:34.06	GU DRUN KLOOS	RSA	2022	22.30	ARI LIUKONNEN	FIN	2017	
7:52.01	EDITH HENDRY	USA	2007	22.75	SHUN KAWASAKI	JPN	2022	
8:49.98	BERNARDA ANGULO	ESP	2009	22.79	A.WADDELL	AUS	1992	
11:32.56	ANNE DUNIVIN	USA	2011	22.94	PAVEL ZINKEVICH	BLR	2015	
50 M. BRST				22.97	SERGEY MUKHIN	RUS	2013	
1:38.21	KALIS RASMUSSEN	CAN	2019	23.00	FELIPE MESSIAS	BRA	2018	
1:39.79	NORA RONAI	BRA	2019	23.04	WYATT UBELLACKER	USA	2019	
1:44.41	NAKA FUKUOKA	JPN	2018	23.08	LINUS MAGNUSSON	SWE	2019	
1:55.60	BETTY BRUSSEL	CAN	2023	23.08	RYO ISHII	JPN	2018	
1:57.01	AKIKO ONOHARA	JPN	2023	23.12	ALEXANDRE AGOSTIN	POR	2015	
2:07.19	M.MAANDONKS	NED	2022	100 M. FREE	48.72	VLADISLAV GRINEV	RUS	2023
2:10.38	GU DRUN KLOOS	RSA	2022	50.45	MATTHEW MCGINNIS	USA	2013	
2:16.08	CHARLOTTE SANDDAL	USA	2017	50.64	WILLIAM WAGNER	USA	2019	
2:24.40	MIEKO NAGAOKA	JPN	2011	50.74	FELIPE MESSIAS	BRA	2018	
3:02.62	KATH JOHNSTONE	NZL	2014	50.74	NICK SHACKELL	USA	2000	
100 M. BRST				50.75	KOSUKE MAEDA	JPN	2015	
3:23.46	TERUKO ONO	JPN	2023	50.81	A.LIUKKONEN	FIN	2014	
3:47.12	KALIS RASMUSSEN	CAN	2019	51.05	LUCAS BUREAU	USA	2023	
4:35.18	M.MAANDONKS	NED	2022	51.06	ADAM RITTER	USA	2013	
4:37.87	CHARLOTTE SANDDAL	USA	2017	51.16	MICHAL BIELAWSKI	POL	2018	
4:56.55	GU DRUN KLOOS	RSA	2022	200 M. FREE	1:50.76	DAVID ALCOLADO	ESP	2017
8:00.98	MICHIKO HAMURO	JPN	2014	1:50.97	ALEKSANDR FEDOROV	RUS	2022	
200 M. BRST				1:51.00	JOHN KEPPELER	USA	1996	
7:42.36	KALIS RASMUSSEN	CAN	2019	1:51.39	ADAM RITTER	USA	2013	
9:18.96	CHARLOTTE SANDDAL	USA	2017	1:52.19	JOE TRISTAN	USA	2000	
9:51.05	M.MAANDONKS	NED	2021	1:52.39	MATEO DE ANGULO	COL	2016	
10:30.05	GU DRUN KLOOS	RSA	2022	1:52.77	MARIO MONTOYA	CRC	2014	
50 M. FLY				1:52.81	LUCAS BUREAU	USA	2023	
1:56.76	NORA RONAI	BRA	2019	1:52.82	CHRIS KING	RSA	2012	
100 M. FLY				1:53.16	CHRISTIAN HEIN	GER	2007	
5:12.53	NORA RONAI	BRA	2019	400 M. FREE				
200 M. FLY								
12:05.78	NORA RONAI	BRA	2019					
200 M. I.M.								
8:51.10	NORA RONAI	BRA	2019					

WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)



27.96	MARK GANGLOFF	USA	2011	4:34.08	CAMERON REID	USA	1987	25.59	CHARLES HOCKIN	PAR	2023
100 M.	BRST			4:37.95	ANTON AGESHKIN	RUS	2021	25.97	DARIAN TOWNSEND	USA	2016
59.93	JORGE MURILLO	COL	2016	4:38.54	YUUKI TEDUKA	JPN	2023	26.02	STEFAN HERBST	GER	2011
1:00.39	KIRILL STRELNIKOV	RUS	2021					26.17	JONATAN KOPELEV	ISR	2021
1:01.22	SHOTARO SHIMAZAKI	JPN	2021	*****				26.36	TOMOYA FUKUI	JPN	2019
1:01.66	KANAYA YUKI	JPN	2018		M E N 30-34			26.41	CARLOS REQUENO	ESP	2022
1:01.83	PAVEL ROMANOV	USA	2022	*****				26.42	KEVIN DOAK	USA	2012
1:02.18	C.BURCKLE	USA	2013	50 M.	FREE			26.46	KAZUKI OOBAYASHI	JPN	2019
1:02.19	RYO KOBAYASHI	JPN	2013	22.13	ROLAND SCHOEMAN	USA	2013	26.52	D. BLACKBORROW	AUS	2016
1:02.44	GARY MARSHALL	USA	2008	22.53	SABIR MUHAMMAD	USA	2009	100 M.	BACK		
1:02.57	T.YANAGISAWA	JPN	2023	22.62	A.LIUKKONEN	FIN	2020	55.93	DARIAN TOWNSEND	USA	2014
1:02.65	CHRISTOPHER JONES	GBR	2007	22.68	FELIPE MESSIAS	BRA	2019	56.55	STEFAN HERBST	GER	2011
200 M.	BRST			22.75	KONRAD CZERNIAK	POL	2023	56.69	KANEKO MASAOKI	JPN	2022
2:11.78	C.BURCKLE	USA	2013	22.80	ROBERT PEEL	USA	1996	56.71	JUNICHI MORITA	JPN	2022
2:12.81	JORGE MURILLO	COL	2016	22.91	BRIAN JACOBSON	USA	2005	56.81	CHARLES HOCKIN	PAR	2023
2:15.47	KANAYA YUKI	JPN	2018	22.95	RYO ISHII	JPN	2022	57.22	TAKASHI TAKEMOTO	JPN	2018
2:16.70	GARY MARSHALL	USA	2008	22.95	EVGENIY LAGUNOV	RUS	2018	57.24	MARTIN HARRIS	GBR	2000
2:17.51	JOHANNES DIETRICH	AUT	2018	22.98	JOSH FLEAGLE	USA	2023	57.46	R.FLOREA	ROM	2010
2:17.97	P.KAEWRUNG RUEANG	THA	2019	100 M.	FREE			57.47	D. BLACKBORROW	AUS	2016
2:18.17	CHRISTOPHER JONES	GBR	2008	49.80	DARIAN TOWNSEND	USA	2016	57.58	KEVIN DOAK	USA	2012
2:18.56	JACOB JORGENSEN	DEN	2022	50.04	JOSH FLEAGLE	USA	2023	200 M.	BACK		
2:18.57	Y.FURUKAWA	JPN	2023	50.20	BENJAMIN HOCKIN	PAR	2019	2:02.75	ROGERIO ROMERO	BRA	2000
2:19.39	ANTON AGESHKIN	RUS	2021	50.34	ADAM RITTER	USA	2015	2:04.43	R.FLOREA	ROM	2010
50 M.	FLY			50.39	EVGENIY LAGUNOV	RUS	2018	2:04.55	CHARLES HOCKIN	PAR	2023
23.58	M. PATTERSON	AUS	2013	50.70	FELIPE MESSIAS	BRA	2019	2:04.92	HAYATE MATSUBARA	JPN	2021
23.71	KOHEI KAWAMOTO	USA	2008	50.79	P.KORZENIOWSKI	POL	2018	2:05.62	SEAN MURPHY	USA	1994
23.90	THOMAS VERHOEVEN	NED	2023	50.84	S.KUNZELMANN	GER	2009	2:06.06	DMITRIY GORBUNOV	RUS	2023
24.01	RYO ISHII	JPN	2015	51.06	ADAM PINE	AUS	2009	2:06.21	TAKASHI TAKEMOTO	JPN	2018
24.20	TAKUYA KAGAMI	JPN	2018	51.24	P.KUTSCHER	GER	2009	2:06.30	MARTIN HARRIS	GBR	2000
24.27	KAZUYA KISHI	JPN	2022	200 M.	FREE			2:06.61	KEITH BEAVERS	CAN	2014
24.27	JACK MARRIOTT	GBR	2017	1:49.56	DARIAN TOWNSEND	USA	2016	2:07.06	JUNICHI MORITA	JPN	2019
24.28	T.YANAGISAWA	JPN	2023	1:52.13	ADAM RITTER	USA	2015	50 M.	BRST		
24.32	DANIIL PAHOMOV	RUS	2023	1:52.81	CHRISTIAN ORJUELA	COL	2017	27.58	RENATO PRONO	PAR	2022
24.33	OLEG KUZNYETSOV	UKR	2018	1:53.15	DANIEL KOWALSKI	AUS	2009	27.74	KOHEI TOMINAGA	JPN	2022
100 M.	FLY			1:53.33	JACOB CARSTENSEN	DEN	2010	27.88	MASAOKI NIYAMA	JPN	2023
53.09	KOHEI KAWAMOTO	USA	2008	1:53.46	TAMAS KEREKJARTO	USA	2009	27.95	RYO KOBAYASHI	JPN	2019
53.41	M. PATTERSON	AUS	2013	1:54.18	D.STOCKINGER	AUT	2012	27.98	SHOTARO SHIMAZAKI	JPN	2023
53.80	DANIIL PAHOMOV	RUS	2023	1:54.25	YURIY UFIMTSEV	RUS	2014	28.03	KOUHEI TOMINAGA	JPN	2023
54.00	CARLOS VIVEROS	COL	2016	1:54.32	MASATAKA MISHIMA	JPN	2019	28.14	DMYTRO CHERKASOV	UKR	2021
54.07	GLAUBER SILVA	BRA	2015	1:54.33	JOSH DAVIS	USA	2006	28.24	SERGEY GEYBEL	RUS	2015
54.29	MATTHEW BOWE	GBR	2008	400 M.	FREE			28.33	TAKAOKI OKAWA	JPN	2022
54.53	A.PRIBYTOK	RUS	2023	3:58.12	DARIAN TOWNSEND	USA	2016	28.59	CARLOS ALENCAR	BRA	2009
54.73	M.BABUCHOWSKI	POL	2012	3:58.42	DANIEL KOWALSKI	AUS	2009	100 M.	BRST		
54.79	ALEXANDRU COCI	ROU	2018	4:00.33	R.MONASTERIO	VEN	2010	1:01.25	RYO KOBAYASHI	JPN	2019
54.86	V.SEMHAIKIN	UKR	2017	4:01.06	JAN WOLFGARTEN	GER	2012	1:01.77	SHOTARO SHIMAZAKI	JPN	2023
200 M.	FLY			4:01.70	JACOB CARSTENSEN	DEN	2012	1:02.71	ED MOSES	USA	2011
2:00.74	A.PRIBYTOK	RUS	2022	4:04.17	MATTEO MONTANARI	ITA	2019	1:02.90	EDUARDO FISCHER	BRA	2011
2:00.98	KO FUKAYA	JPN	2019	4:04.32	EVGENIY KULIKOV	RUS	2023	1:03.07	KOHEI TOMINAGA	JPN	2022
2:03.26	SATOSHI TORATANI	JPN	2008	4:04.37	THOMAS LURZ	GER	2012	1:03.08	BRANDON FISCHER	USA	2023
2:03.73	THOMAS LUCHSINGER	USA	2020	4:05.01	ROSTISLAV VITEK	CZE	2009	1:03.16	ADAM RITTER	USA	2015
2:04.14	KIMITAKA MINOBE	JPN	2003	4:05.19	CARLOS PAVAO	BRA	2007	1:03.26	RADOMYOS MATJIUR	THA	2019
2:04.55	TAKATSUGU OGA	JPN	2018	800 M.	FREE			1:03.54	HAJIME IKEGAMI	JPN	2018
2:04.73	SOHEI WASHINO	JPN	2018	8:08.68	JAN WOLFGARTEN	GER	2012	1:03.59	GARY MARSHALL	USA	2013
2:05.26	PHILIPP GILGEN	SUI	2003	8:10.78	THOMAS LURZ	GER	2012	200 M.	BRST		
2:05.40	KOHEI FUKAZAWA	JPN	2022	8:16.52	R.MONASTERIO	VEN	2010	2:16.79	SHOTARO SHIMAZAKI	JPN	2023
2:05.76	JASON EADDY	USA	2002	8:18.76	DANIEL KOWALSKI	AUS	2009	2:18.04	GARY MARSHALL	USA	2012
200 M.	I.M.			8:26.26	CARLOS PAVAO	BRA	2007	2:18.53	BRANDON FISCHER	USA	2023
2:03.62	DMITRIY GORBUNOV	RUS	2019	8:27.41	ROSTISLAV VITEK	CZE	2009	2:18.99	DMITRIY GORBUNOV	RUS	2022
2:04.40	ADAM RITTER	USA	2013	8:28.76	CHAD LA TOURETTE	USA	2019	2:19.57	RADOMYOS MATJIUR	THA	2019
2:04.41	YAMADA HIROYA	JPN	2022	8:28.77	MATTEO MONTANARI	ITA	2019	2:19.57	HAJIME IKEGAMI	JPN	2018
2:05.89	YUDAI AMADA	JPN	2022	8:32.34	EVGENIY KULIKOV	RUS	2023	2:19.67	ED MOSES	USA	2011
2:05.98	KAMIL KASPROWICZ	GER	2010	8:33.81	R.QUINTANILLA	ESP	2017	2:19.91	BENNO HAWE	GER	2016
2:06.33	HONZA VITAZKA	USA	2002	1500 M.	FREE			2:20.26	ARTEM BABIKHIN	RUS	2023
2:06.45	YUTA SHOJI	JPN	2009	15:25.79	JAN WOLFGARTEN	GER	2012	2:20.43	NICK GILLINGHAM	GBR	1999
2:06.59	TOBIAS ORIWOL	USA	2014	15:52.24	CHAD LA TOURETTE	USA	2019	50 M.	FLY		
2:07.00	NICOLAS GRANGER	FRA	1994	16:30.20	MATTEO MONTANARI	ITA	2020	23.16	OLEG KOSTIN	RUS	2023
2:07.02	ARNAUD RONDAN	FRA	2013	16:30.41	ASUKA KOIZUMI	JPN	2009	23.26	ROLAND SCHOEMAN	USA	2013
400 M.	I.M.			16:30.57	MARTIN HOHL	SUI	2013	23.58	HENRIQUE MARTINS	BRA	2022
4:29.28	ARNAUD RONDAN	FRA	2013	16:33.47	R.QUINTANILLA	ESP	2017	23.73	KONRAD CZERNIAK	POL	2023
4:30.05	DIOGO YABE	BRA	2009	16:33.70	IGOR PLOVESAN	ITA	2008	23.79	MICHAL SKRODZKI	AUS	2016
4:31.47	NICOLAS GRANGER	FRA	1994	16:34.31	DAVID GENET	FRA	2012	24.05	FELIPE MESSIAS	BRA	2019
4:31.76	YUDAI AMADA	JPN	2022	16:35.67	SEBASTIAN WIESE	GER	2003	24.16	KAZUKI OOBAYASHI	JPN	2019
4:32.19	HONZA VITAZKA	USA	2002	16:36.06	BOBBY PATTEN	USA	1993	24.25	NIKITA KONOVALOV	RUS	2018
4:32.45	DIRK ZINNOW	GER	2000	50 M.	BACK			24.41	GLAUBER SILVA	BRA	2016
4:32.96	ALEX KOSTICH	USA	1997	25.53	SERGEY FESIKOV	RUS	2023	24.42	BENJAMIN HOCKIN	PAR	2019

**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



100 M. FLY		1:55.36	ROWDY GAINES	JPN 1994	28.53	JEFF COMMINGS	USA 2009
53.10 HENRIQUE MARTINS	BRA 2022	1:55.62	MICHAEL ROSS	USA 2006	28.61	FELIPE SANTOS	BRA 2016
53.11 ADAM PINE	AUS 2009	1:55.63	IOAN GHERGHEL	ROU 2015	28.64	GRIGORIY FALKO	RUS 2022
53.65 DARIAN TOWNSEND	USA 2014	1:55.68	JOCHEN BRUHA	GER 2004	28.68	MARKIC MATJAZ	SLO 2018
54.12 MAKSIM GANIKHIN	RUS 2017	1:55.77	CLAUS IVERSON	DEN 2015	28.80	FELIPE DOS SANTOS	USA 2018
54.14 BENJAMIN HOCKIN	PAR 2019	1:56.02	RONALD KARNAUGH	USA 2003	28.80	VLADISLAV BRAGIN	RUS 2009
54.19 I.GHERGHEL	ROM 2010	400 M. FREE			28.85	SERGEY GEYBEL	RUS 2017
54.61 V.SEMHAIKIN	UKR 2019	4:05.91	PETAR STOYCHEV	GER 2012	28.89	ADAM RITTER	USA 2023
54.63 KAZUKI OOBAYASHI	JPN 2019	4:06.73	GUSTAVO HELENO	BRA 2011	100 M. BRST		
54.83 KEVIN DOAK	USA 2012	4:07.53	NICOLA NISATO	ITA 2017	1:02.40	RYO KOBAYASHI	JPN 2020
54.89 KO FUKAYA	JPN 2023	4:07.64	ROWDY GAINES	USA 1995	1:03.09	RYOUTA NOMURA	JPN 2023
200 M. FLY		4:09.32	DARIAN TOWNSEND	USA 2019	1:03.60	GRIGORIY FALKO	RUS 2022
2:00.33 MIGUEL ALCALDE	ESP 2007	4:09.74	DANIEL VERDAGUER	ESP 2006	1:03.76	JEFF COMMINGS	USA 2013
2:03.43 TAKATSUGU OGA	JPN 2019	4:10.11	MARKUS ROGAN	USA 2019	1:03.89	PAVEL BUYANOV	RUS 2019
2:03.76 MATT HAUPT	USA 2010	4:10.15	CLAUS IVERSEN	DEN 2012	1:04.29	GEOFF WELLS	USA 2021
2:03.85 BOBBY PATTEN	USA 1995	4:10.31	ERIK HOCHSTEIN	USA 2003	1:04.73	NICK GILLINGHAM	GBR 2004
2:04.02 KO FUKAYA	JPN 2023	4:10.37	EDUARD MANNANOV	ESP 2023	1:04.78	FELIPE DOS SANTOS	USA 2018
2:05.28 MAKSIM GANIKHIN	RUS 2017	800 M. FREE			1:04.79	HAJIME IKEGAMI	JPN 2022
2:06.70 S.PIERAGOSTINI	ITA 2023	8:18.44	PETAR STOYCHEV	GER 2012	1:04.91	STEVE WEST	USA 2011
2:06.79 ASUKA KOIZUMI	JPN 2009	8:35.29	GUSTAVO HELENO	BRA 2011	200 M. BRST		
2:06.82 PHILIPPE MEYER	SUI 2005	8:36.90	NICOLA NISATO	ITA 2017	2:20.29	NICK GILLINGHAM	GBR 2004
2:06.84 IAN BECK	GBR 1996	8:38.73	ROWDY GAINES	USA 1996	2:20.34	STEVE WEST	USA 2011
200 M. I.M.		8:39.35	EDUARD MANNANOV	ESP 2023	2:21.87	RON KARNAUGH	USA 2001
2:02.05 DARIAN TOWNSEND	USA 2016	8:39.37	ANDREA MARCATO	ITA 2009	2:22.02	GRIGORIY FALKO	RUS 2022
2:03.54 DIOGO YABE	BRA 2011	8:39.49	IGOR PIOVESAN	ITA 2009	2:22.80	KRASIMIR ZAHOV	BUL 2014
2:04.91 KEITH BEAVERS	CAN 2014	8:41.16	DANIEL VERDAGUER	ESP 2006	2:22.89	RYO KOBAYASHI	JPN 2021
2:05.52 ISTVAN BATHAZI	USA 2009	8:41.47	L.GIOVANNINI	ITA 2023	2:23.03	ANDREY IVANOV	RUS 2015
2:05.60 TAMAS KEREKJARTO	USA 2010	8:41.53	R SEAN JUSTICE	USA 2011	2:23.46	STEPHAN PERROT	FRA 2016
2:07.38 JACOB CARSTENSEN	DEN 2010	1500 M. FREE			2:23.54	GEOFF WELLS	USA 2018
2:07.47 JUNICHI MORITA	JPN 2022	16:00.04	PETAR STOYCHEV	GER 2012	2:23.79	CHRISTOPHER JONES	GBR 2019
2:07.83 ALEXEY ZATSEPIN	RUS 2015	16:32.72	CHRISTOPHER DERKS	USA 2008	50 M. FLY		
2:07.96 ADAM RITTER	USA 2015	16:36.50	ANDREA MARCATO	ITA 2009	24.03	BENJAMIN HOCKIN	PAR 2022
2:07.97 KOSUKE KOJIMA	USA 2009	16:37.34	ROWDY GAINES	USA 1995	24.14	KOHEI KAWAMOTO	USA 2015
400 M. I.M.		16:37.63	ROGER RABASSA	ESP 2018	24.38	NIKOLAY SKVORTSOV	RUS 2023
4:20.81 DARIAN TOWNSEND	USA 2016	16:38.48	R SEAN JUSTICE	USA 2011	24.38	STEFANO RAZETO	GER 2022
4:24.11 LUKASZ WOJT	GER 2013	16:40.90	IGOR PIOVESAN	ITA 2009	24.40	MAKSIM GANIKHIN	RUS 2023
4:31.36 DIOGO YABE	BRA 2012	16:43.67	MARKUS ROGAN	USA 2019	24.41	P.KORZENIOWSKI	POL 2022
4:32.74 KEITH BEAVERS	CAN 2014	16:45.04	MIKE SHAFFER	USA 2002	24.47	RYAN PINI	PNG 2017
4:33.91 THOMAS LURZ	GER 2012	16:46.38	RAFAEL CARANILLAS	ESP 2022	24.69	RYK NEETHLING	RSA 2012
4:34.86 JUNICHI MORITA	JPN 2022	50 M. BACK			24.75	MARK FOSTER	GBR 2005
4:35.41 ASUKA KOIZUMI	JPN 2010	26.11	LUBOS KRIZKO	CZE 2016	24.88	GLAUBER SILVA	BRA 2023
4:37.82 CHRISTIAN ORJUELA	COL 2017	26.18	STEFANO RAZETO	GER 2022	100 M. FLY		
4:38.28 JULIEN BAILLOD	SUI 2012	26.27	TOMOYA FUKUI	JPN 2023	53.63	P.KORZENIOWSKI	POL 2023
4:38.36 C.SORRENTINO	ITA 2008	26.43	RYAN PINI	PNG 2017	53.65	KOHEI KAWAMOTO	USA 2018
*****		26.44	MANABU SASAKI	JPN 2023	54.29	NIKOLAY SKVORTSOV	RUS 2023
M E N 35-39		26.54	JEFF NATALIZIO	USA 2019	54.60	MAKSIM GANIKHIN	RUS 2023
*****		26.81	GLAUBER SILVA	BRA 2023	54.62	BENJAMIN HOCKIN	PAR 2023
50 M. FREE		26.98	DARIAN TOWNSEND	USA 2019	55.35	IOAN GHERGHEL	ROU 2015
22.76 MARK FOSTER	GBR 2005	26.99	STEV THELOKE	GER 2013	55.41	ITO TATSUYA	JPN 2023
22.80 STEFANO RAZETO	GER 2022	27.00	RODRIGO FERREIRA	BRA 2019	55.43	TAMAS KEREKJARTO	USA 2015
23.09 ANTHONY ERVIN	USA 2019	100 M. BACK			55.58	DIOGO YABE	BRA 2016
23.19 EDUARD LORENTE	ESP 2014	57.28	MANABU SASAKI	JPN 2023	55.62	BRENT CREAGER	USA 2015
23.20 ROWDY GAINES	JPN 1994	57.91	RYAN PINI	PNG 2017	200 M. FLY		
23.22 BENJAMIN HOCKIN	PAR 2022	58.20	BENJAMIN HOCKIN	PAR 2022	2:02.54	NIKOLAY SKVORTSOV	RUS 2019
23.28 MIKEL BILDOSOLA	ESP 2022	58.48	MARCO MACCIANTI	ITA 2016	2:04.76	BRENT CREAGER	USA 2015
23.28 RYK NEETHLING	RSA 2012	58.86	IOAN GHERGHEL	ROU 2015	2:05.98	TAMAS KEREKJARTO	USA 2015
23.28 M.GIALDI	ITA 2004	58.87	FELIX STEINHAEUER	SUI 2017	2:06.74	JEFF STUART	USA 1996
23.37 BRIAN JACOBSON	USA 2012	59.04	STEV THELOKE	GER 2013	2:07.13	BERNIE ZERUHN	USA 2006
100 M. FREE		59.10	MASAYA KANEKO	JPN 2023	2:07.59	ITO TATSUYA	JPN 2023
50.69 BENJAMIN HOCKIN	PAR 2022	59.17	M.WAKABAYASHI	JPN 2020	2:08.13	KIMITAKA MINOBE	JPN 2011
50.78 HIDEAKI HARA	JPN 2009	59.18	MICHAEL ROSS	USA 2006	2:08.51	WILLIAM SPECHT	USA 1994
51.45 ADAM J RITTER	USA 2021	200 M. BACK			2:08.65	MIKE SHAFFER	USA 2002
51.49 ROWDY GAINES	USA 1995	2:07.16	RON KARNAUGH	USA 2001	2:09.03	PHILIPPE MEYER	SUI 2006
51.52 MIKEL BILDOSOLA	ESP 2018	2:07.97	MARCO MACCIANTI	ITA 2016	200 M. I.M.		
51.69 P.KORZENIOWSKI	POL 2022	2:08.16	KEVIN T NEAD	USA 2022	2:05.65	DARIAN TOWNSEND	USA 2019
51.73 ANTHONY ERVIN	USA 2019	2:08.66	HIROAKI INOU	JPN 2016	2:07.24	DIOGO YABE	BRA 2016
51.98 SVEN LODZIEWSKI	GER 2004	2:09.26	DANIEL VEATCH	USA 2000	2:07.84	MARKUS ROGAN	USA 2019
52.15 RICHARD SAEGER	USA 2001	2:09.65	DARRYL FOLLOWS	NZL 2002	2:08.19	RON KARNAUGH	USA 2002
52.18 MARKUS ROGAN	USA 2019	2:09.67	A.PONTALTI	ITA 2012	2:08.72	ITO TATSUYA	JPN 2023
200 M. FREE		2:10.24	EDUARD SEVIERI	BRA 2019	2:09.30	P.KORZENIOWSKI	POL 2023
1:51.84 SHOGO HIHARA	JPN 2023	2:10.38	NICHOLAS GRANGER	FRA 2002	2:09.85	I.DRYMONAKOS	GRE 2019
1:52.84 VLAD PYSHENKO	USA 2006	2:10.59	RICK GOULD	USA 2006	2:10.00	KEVIN T NEAD	USA 2022
1:54.86 RICHARD SAEGER	USA 2001	50 M. BRST			2:11.01	RYOYA TAGUCHI	JPN 2022
1:55.04 ITO TATSUYA	JPN 2023	27.83	RYOUTA NOMURA	JPN 2023	2:11.23	NICOLAS GRANGER	FRA 2002
		28.18	RYO KOBAYASHI	JPN 2023	400 M. I.M.		

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4:34.10	RON KARNAUGH	USA	2001	16:45.80	GUSTAVO HELENO	BRA	2016	25.06	EIJI NOMURA	JPN	2015
4:36.66	I.DRYMONAKOS	GRE	2019	16:48.68	TIMOTHY GALLAUDET	USA	2008	25.07	SERKAN ATASAY	TUR	2011
4:37.36	DIOGO YABE	BRA	2016	16:51.19	FREDERIK HVIID	USA	2014	25.10	MIKEL BILDOSOLA	ESP	2023
4:38.50	JULIEN BAILLOD	SUI	2015	16:54.95	MICHAEL PRUFERT	GER	2006	25.11	JAMES ZENYUH	USA	2018
4:41.01	TATSUYA ITO	JPN	2023	16:55.07	IGOR PIOVESAN	ITA	2014	25.22	MARC KEVIN ALLAN	RSA	2019
4:42.19	ANTONINO TRIPPUDO	ITA	2015	50	M. BACK			25.38	CHUCK BARNES	USA	2019
4:42.45	NICOLAS GRANGER	FRA	2002	27.13	NICHOLAS NECKLES	BAR	2019	25.41	OLEG LIASHKO	RUS	2022
4:42.88	L.GIOVANNINI	ITA	2022	27.27	ALEXANDR SHILIN	RUS	2017	100	M. FLY		
4:43.17	JEROME FRENTSOS	USA	2000	27.30	OSAMU ITOI	JPN	2014	55.29	CARLOS NASCIMENTO	BRA	2023
4:44.98	JOCHEN HANZ	GER	2015	27.35	SERKAN ATASAY	TUR	2012	55.46	ANDREJS DUDA	LAT	2023
				27.38	EDILSON SILVA	BRA	2010	56.17	SERKAN ATASAY	TUR	2011
*****				27.42	J.SANCHES JUNIOR	BRA	2023	56.43	MICHAEL ROSS	USA	2008
	M E N 40-44			27.47	MICHAEL ROSS	USA	2008	56.98	EIJI NOMURA	JPN	2015
*****				27.49	ENRICO CATALANO	ITA	2023	57.20	IOAN GHERGHEL	ROU	2018
50	M. FREE			27.54	CHUCK BARNES	USA	2019	57.22	MATA SANGUINETTY	VEN	2015
23.14	ANDREI KURNOSOV	ESP	2023	27.56	KENICHI KANEKO	JPN	2022	57.30	PETR GREGOR	CZE	2015
23.14	MIKEL BILDOSOLA	ESP	2023	100	M. BACK			57.41	MASATERU IKEDA	JPN	2012
23.18	ANDREJS DUDA	LAT	2023	58.45	NICHOLAS NECKLES	BAR	2019	57.57	PAUL CARTER	USA	2001
23.25	HIDEAKI HARA	JPN	2018	59.08	MICHAEL ROSS	USA	2009	200	M. FLY		
23.30	STEPHAN VOLERY	SUI	2001	59.24	ENRICO CATALANO	ITA	2023	2:05.55	DENNIS BAKER	USA	2004
23.31	BRIAN JACOBSON	USA	2014	59.26	MAURIZIO TERSAR	ITA	2016	2:09.47	WILLIAM SPECHT	USA	1998
23.47	LARS FROLANDER	SWE	2015	59.36	SERKAN ATASAY	TUR	2012	2:09.96	CLAUS IVERSEN	DEN	2017
23.58	FILIPPO MAGNINI	ITA	2023	59.81	JEFF COMMINGS	USA	2014	2:10.20	MIKE SHAFFER	USA	2006
23.67	J.SANCHES JUNIOR	BRA	2023	59.89	THOMAS RUETER	GER	2023	2:10.88	FERNANDO FARRERES	ESP	2017
23.81	DANIEL LOTANO	USA	2023	59.91	NAOYUKI WATANABE	JPN	2023	2:11.16	TOSHIYUKI IBE	JPN	2010
100	M. FREE			59.92	SHINYA HAYASHI	JPN	2019	2:11.21	EIJI NOMURA	JPN	2012
50.73	FILIPPO MAGNINI	ITA	2023	1:00.25	J.SANCHES JUNIOR	BRA	2023	2:11.37	KIMITAKA MINOBE	JPN	2018
51.21	HIDEAKI HARA	JPN	2018	200	M. BACK			2:11.49	ISAMU TSUZUKI	JPN	2014
51.70	MIKEL BILDOSOLA	ESP	2023	2:08.06	NICHOLAS NECKLES	BAR	2019	2:11.53	JAMES BELARDI	USA	1997
51.72	VLAD PYSHNENKO	USA	2010	2:10.46	MAURIZIO TERSAR	ITA	2016	200	M. I.M.		
52.10	ERIK HOCHSTEIN	USA	2009	2:10.46	MAURIZIO TERSAR	ITA	2016	2:08.63	MARKUS ROGAN	USA	2023
52.42	MICHAEL ROSS	USA	2009	2:11.13	FREDERIK HVIID	USA	2014	2:10.63	ALBERTO MONTINI	ITA	2009
52.50	RODRIGO CASTRO	BRA	2022	2:12.34	SHINYA HAYASHI	JPN	2018	2:11.31	ANTONINO TRIPPUDO	ITA	2016
52.55	CHRIS FYDLER	AUS	2012	2:12.53	CHUCK BARNES	USA	2019	2:12.41	PETER BERMEI	GER	2007
52.62	J.SANCHES JUNIOR	BRA	2023	2:12.77	MARK VOGEL	DEN	2010	2:12.47	UWE VOLK	GER	2010
52.78	ANDREI KURNOSOV	ESP	2023	2:12.82	EDUARDO MAROCCO	BRA	2012	2:13.45	CLAUS IVERSEN	DEN	2017
200	M. FREE			2:13.31	RENE SAEZ	PUR	2014	2:13.71	JEFF COMMINGS	USA	2016
1:53.65	VLAD PYSHNENKO	USA	2010	2:13.37	SEAN MURPHY	USA	2006	2:13.76	ASUKA KOIZUMI	JPN	2019
1:55.06	MICHAEL ROSS	USA	2009	2:13.48	CHRIS STEVENSON	USA	2008	2:14.13	ERIK HOCHSTEIN	USA	2009
1:55.06	RICH SAEGER	USA	2006	50	M. BRST			2:14.32	MASANORI TAKEGAWA	JPN	2019
1:55.70	ERIK HOCHSTEIN	USA	2008	28.84	ALBERTO MONTINI	ITA	2009	400	M. I.M.		
1:55.75	CLAUS IVERSEN	DEN	2017	28.94	FILIPPO MAGNINI	ITA	2023	4:43.00	UWE VOLK	GER	2012
1:56.90	THOMAS RUETER	GER	2023	29.02	JEFF COMMINGS	USA	2014	4:43.25	ANTONINO TRIPPUDO	ITA	2016
1:57.12	RODRIGO CASTRO	BRA	2022	29.04	GEOFF WELLS	USA	2022	4:46.90	A.BORGIALLI	ITA	2014
1:58.49	D.STOCKINGER	AUT	2023	29.04	RYOSUKE IMAI	JPN	2019	4:47.01	PETER BERMEI	GER	2007
1:58.50	KAI DITZEL	GER	2004	29.16	VLADISLAV BRAGIN	RUS	2012	4:47.82	ERIC CHRISTENSEN	USA	2018
1:58.60	ROSS DAVIS	USA	2006	29.29	STEVE WEST	USA	2016	4:48.27	ASUKA KOIZUMI	JPN	2019
400	M. FREE			29.32	SERGEY FIRICHENKO	RUS	2015	4:48.32	ALBERTO MONTINI	ITA	2012
4:06.74	ERIK HOCHSTEIN	USA	2009	29.33	JAMES FIKE	USA	2022	4:48.94	CLAUS IVERSEN	DEN	2019
4:08.67	NICOLA NISATO	ITA	2019	29.36	ANDREI KURNOSOV	ESP	2023	4:49.34	DAVID MECA	ESP	2014
4:11.04	SAMUELE PAMPANA	ITA	2017	100	M. BRST			4:49.42	DENNIS BAKER	USA	2005
4:11.13	RODRIGO CASTRO	BRA	2022	1:03.60	VLADISLAV BRAGIN	RUS	2012				
4:11.55	DENNIS BAKER	USA	2004	1:03.76	STEVE WEST	USA	2012	*****			
4:11.62	GUSTAVO HELENO	BRA	2016	1:04.64	GEOFF WELLS	USA	2022		M E N 45-49		
4:12.99	IGOR PIOVESAN	ITA	2014	1:05.04	ALBERTO MONTINI	ITA	2009	*****			
4:13.65	MARK THOMPSON	AUS	2009	1:05.28	JEFF COMMINGS	USA	2014	50	M. FREE		
4:13.82	JURE BUCAR	SLO	2006	1:05.41	CHRIS JONES	GBR	2023	23.55	HIDEAKI HARA	JPN	2019
4:14.37	MICHAEL PRUFERT	GER	2006	1:05.61	RYOSUKE IMAI	JPN	2019	23.96	ISAMU TSUZUKI	JPN	2019
800	M. FREE			1:05.97	RICO ROLLI	ITA	2009	23.98	VLADIMIR PREDKIN	RUS	2014
8:35.85	NICOLA NISATO	ITA	2019	1:06.04	HIROSHI TENMA	JPN	2022	24.03	MARC KEVIN ALLAN	RSA	2023
8:36.41	SAMUELE PAMPANA	ITA	2016	1:06.15	SERGEY FIRICHENKO	RUS	2014	24.07	RODRIGO CASTRO	BRA	2023
8:37.81	ALEX KOSTICH	USA	2010	200	M. BRST			24.12	BRIAN JACOBSON	USA	2018
8:41.65	JEFF ERWIN	USA	2005	2:18.94	ALBERTO MONTINI	ITA	2009	24.23	ROTMAN MATA	COL	2022
8:44.89	DANIEL SERRA	ESP	2008	2:19.01	STEVE WEST	USA	2012	24.26	BRENT BARNES	JPN	2004
8:46.51	MICHAEL KLEIBER	GER	2005	2:22.72	HIROSHI TENMA	JPN	2023	24.29	PAUL SMITH	USA	2006
8:46.61	MICHAEL PRUFERT	GER	2005	2:23.09	VLADISLAV BRAGIN	RUS	2012	24.31	CHUCK BARNES	USA	2021
8:47.75	FREDERIK HVIID	USA	2014	2:23.21	CHRIS JONES	GBR	2023	100	M. FREE		
8:48.69	JOSEPH RHYNE	USA	1999	2:23.95	HIROSHI TENMA	JPN	2022	52.24	HIDEAKI HARA	JPN	2019
8:48.89	RODRIGO CASTRO	BRA	2022	2:24.19	ROQUE SANTOS	USA	2008	52.55	RODRIGO CASTRO	BRA	2023
1500	M. FREE			2:25.17	GEOFF WELLS	USA	2022	53.18	MARC KEVIN ALLAN	RSA	2023
16:24.76	NICOLA NISATO	ITA	2018	2:26.01	STEPHAN PERROT	FRA	2017	53.66	VALTER KALAUS	HUN	2017
16:36.91	ALEX KOSTICH	USA	2010	2:27.22	BEN HARKIN	GBR	2018	53.76	ROTMAN MATA	COL	2022
16:39.60	JEFF ERWIN	USA	2008	50	M. FLY			53.77	NICOLAS GRANGER	USA	2016
16:41.48	SAMUELE PAMPANA	ITA	2016	24.11	ANDREJS DUDA	LAT	2023	53.77	MARCO COLOMBO	ITA	2005
16:45.53	MICHAEL KLEIBER	GER	2003	24.64	ANDREI KURNOSOV	ESP	2023	53.90	JACK GROSELLE	USA	1999
				24.96	CARLOS NASCIMENTO	BRA	2023				





**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



9:09.69	BRENT FOSTER	NZL	2018	2:33.54	V.PYLYPCHENKO	UKR	2014	55.63	CALVIN MAUGHAN	RSA	2019
1500 M.	FREE			2:34.55	HAJIME MORIMOTO	JPN	2018	56.08	JACK GROSELLE	USA	2009
17:08.33	JIM MCCONICA	USA	2000	2:34.58	MICHAEL HODGSON	GBR	2017	56.15	AHMET NAKKAS	TUR	2018
17:18.59	BRENT FOSTER	NZL	2018	50 M.	FLY			56.31	MARK WELDON	NZL	2023
17:33.87	MICHAEL KLEIBER	GER	2014	25.79	EIJI NOMURA	JPN	2023	56.33	DAVID SIMS	USA	2017
17:34.04	MARCUS MATTIOLI	BRA	2011	25.83	MIKHAIL GROMOV	RUS	2023	56.51	L.GOMEZ-GUILLAMON	ESP	2016
17:35.40	DINO SCHORN	ITA	2018	25.88	PAUL CARTER	USA	2008	56.81	STEVE HILTABIDDLE	USA	2021
17:39.99	KURT DICKSON	USA	2017	25.89	ISAMU TSUZUKI	JPN	2023	56.84	NICOLAS GRANGER	FRA	2023
17:40.70	MARK DRENNEN	USA	2006	25.96	STEVE HILTABIDDLE	USA	2019	56.91	STEVE WOOD	USA	2016
17:44.07	ARNALDO PEREZ	PUR	2015	26.23	TRIP HEDRICK	USA	2004	200 M.	FREE		
17:47.18	IACOVO LUCA DI	ITA	2018	26.25	FREDERIC TONUS	LUX	2023	2:04.01	MICHAEL MANN	USA	2009
17:49.88	JASCHA HASSON	FRA	2022	26.37	MASATERU IKEDA	JPN	2023	2:04.02	MARCUS MATTIOLI	BRA	2015
50 M.	BACK			26.40	WILLIAM WEAVER	USA	2023	2:04.86	AHMET NAKKAS	TUR	2017
28.02	MARCUS MATTIOLI	BRA	2013	26.54	HIROSHI MIURA	JPN	2018	2:05.21	DAVID SIMS	USA	2017
28.20	MIKHAIL GROMOV	RUS	2023	100 M.	FLY			2:05.82	JACK GROSELLE	USA	2009
28.58	RICK GOULD	USA	2018	56.99	EIJI NOMURA	JPN	2023	2:05.88	DAVID BOATWRIGHT	USA	2016
28.60	STEVE WOOD	USA	2011	57.23	PAUL CARTER	USA	2008	2:05.93	NICOLAS GRANGER	FRA	2023
28.64	NICOLAS GRANGER	FRA	2017	58.62	FREDERIC TONUS	LUX	2023	2:06.26	DAN STEPHENSON	USA	2012
28.71	LARS KALENKA	GER	2023	58.99	SERKAN ATASAY	TUR	2022	2:06.50	TONY ANDERSON	USA	2019
28.77	CLAY BRITT	USA	2014	59.49	TRIP HEDRICK	USA	2004	2:07.03	DINO SCHORN	ITA	2023
28.84	FRITZ BEDFORD	USA	2014	59.56	MASATERU IKEDA	JPN	2022	400 M.	FREE		
28.86	SERKAN ATASAY	TUR	2022	59.60	ISAMU TSUZUKI	JPN	2023	4:22.49	MICHAEL MANN	USA	2009
29.02	CRAIG NORREY	SUI	2014	59.67	MARKUS BIERIG	GER	2023	4:25.34	JIM MC CONICA	USA	2005
100 M.	BACK			59.67	HUGO BREGMAN	NED	2009	4:25.51	BARTON WELLS	USA	2023
1:01.57	NICOLAS GRANGER	USA	2017	59.87	MARCUS MATTIOLI	BRA	2010	4:25.65	MARCUS MATTIOLI	BRA	2015
1:01.89	STEVE WOOD	USA	2011	200 M.	FLY			4:27.52	TONY ANDERSON	USA	2018
1:02.17	RICK GOULD	USA	2018	2:13.26	EIJI NOMURA	JPN	2022	4:29.19	ARNALDO PEREZ	PUR	2019
1:02.77	CLAY BRITT	USA	2014	2:13.39	MARCUS MATTIOLI	BRA	2010	4:31.83	GIAN LUCA SONDALI	ITA	2021
1:02.93	JAMIE FOWLER	USA	2009	2:13.80	DENNIS BAKER	USA	2011	4:31.91	BRENT FOSTER	NZL	2022
1:03.25	FRANK GRUNER	GER	2022	2:14.63	MAURO CAPPELLETTI	ITA	2015	4:31.94	PETER DIXON	GBR	2023
1:03.44	MINAKOV'S VALERIJS	LAT	2010	2:15.06	HUGO BREGMAN	NED	2009	4:32.87	DAN STEPHENSON	USA	2012
1:03.48	GREG KAHN	GBR	2022	2:16.38	MIKE SHAFFER	USA	2015	800 M.	FREE		
1:03.48	HIROYOSHI MAETOGE	JPN	2015	2:17.41	FREDERIC TONUS	LUX	2023	9:00.09	MICHAEL MANN	USA	2009
1:03.50	FRITZ BEDFORD	USA	2014	2:17.83	DAVID SIMS	USA	2016	9:06.86	JIM MCCONICA	USA	2006
200 M.	BACK			2:18.57	PAUL CARTER	USA	2008	9:12.55	ARNALDO PEREZ	PUR	2019
2:14.53	NICOLAS GRANGER	USA	2017	2:18.91	TOSHIYUKI IBE	JPN	2021	9:12.59	FABIO CALMASINI	ITA	2023
2:16.57	FRANK GRUNER	GER	2023	200 M.	I.M.			9:20.53	BRENT FOSTER	NZL	2023
2:16.79	RICK GOULD	USA	2018	2:11.15	NICOLAS GRANGER	USA	2017	9:22.02	STEVE PRESCOTT	NZL	2009
2:16.79	LUCA VIGNERI	ITA	2017	2:14.71	FRANK GRUNER	GER	2023	9:22.49	PETER DIXON	GBR	2023
2:17.57	MICHAEL SODERLUND	USA	2012	2:18.05	JAMIE FOWLER	USA	2009	9:22.59	LUCA DI IACOVO	ITA	2022
2:17.70	LARS KALENKA	GER	2023	2:19.45	DARREN PHELAN	USA	2013	9:22.66	JEFF ERWIN	USA	2019
2:17.74	JAMIE FOWLER	USA	2009	2:19.79	MARCUS MATTIOLI	BRA	2010	9:23.23	JOSE FREITAS	POR	2018
2:18.72	YOSHINORI IWASAKI	JPN	2023	2:20.02	MICHAEL MANN	USA	2008	1500 M.	FREE		
2:19.35	KURT DICKSON	USA	2017	2:20.48	JEROME FRENTSOS	USA	2015	17:22.61	MICHAEL MANN	USA	2009
2:20.04	MATTHEW NANCE	USA	2015	2:20.54	HAJIME MORIMOTO	JPN	2021	17:40.10	JIM MC CONICA	USA	2005
50 M.	BRST			2:20.60	TAIHEI SAKA	JPN	2015	17:46.06	BRENT FOSTER	NZL	2023
29.70	HIDEAKI TOGO	JPN	2023	2:20.61	STEVE WEST	USA	2023	17:57.13	ARNALDO PEREZ	PUR	2017
29.90	STEVE WEST	USA	2022	400 M.	I.M.			18:00.10	LUCA DI IACOVO	ITA	2022
30.16	VLADISLAV BRAGIN	RUS	2021	4:45.61	NICOLAS GRANGER	USA	2017	18:02.60	TONY ANDERSON	USA	2019
30.26	MICHAEL HODGSON	GBR	2017	4:53.69	MARCUS MATTIOLI	BRA	2010	18:05.10	JOSE FREITAS	POR	2018
30.48	DAVID GUTHRIE	USA	2013	4:54.49	FRANK GRUNER	GER	2023	18:05.27	BARTON S WELLS	USA	2022
30.56	MAKOTO ONODERA	JPN	2017	4:56.71	RICARDO VALDIVIA	USA	2014	18:07.24	PETER DIXON	GBR	2023
30.72	YASUHIRO KOMORI	JPN	2023	4:57.93	DARREN PHELAN	USA	2013	18:11.30	GIAN LUCA SONDALI	ITA	2022
30.79	FABIO CAVALLI	ITA	2018	5:01.47	BRENT FOSTER	NZL	2019	50 M.	BACK		
30.85	CARLO TRAVAINI	ITA	2017	5:02.51	DENNIS BAKER	USA	2013	29.01	CARLOS SILVA	BRA	2013
30.88	RICHARD SCHROEDER	USA	2012	5:02.84	VANES TERZIARI	ITA	2023	29.03	STEVE WOOD	USA	2016
100 M.	BRST			5:02.90	YOSHINORI IWASAKI	JPN	2022	29.54	RICK GOULD	USA	2023
1:06.12	STEVE WEST	USA	2022	5:03.27	LORENZO MARUGO	ITA	2004	29.72	EDUARDO MAROCCO	BRA	2023
1:06.14	VLADISLAV BRAGIN	RUS	2022	*****				29.92	HARALD RUCK	RSA	2021
1:06.98	DAVID GUTHRIE	USA	2014	M E N 55-59				29.97	CLAY BRITT	USA	2017
1:07.85	MICHAEL HODGSON	GBR	2017	*****				30.01	TOM BARTON	USA	2011
1:07.89	HIDEAKI TOGO	JPN	2023	50 M.	FREE			30.02	CRAIG NORREY	SUI	2016
1:08.00	NICOLAS GRANGER	FRA	2017	24.45	BRENT BARNES	JPN	2015	30.06	GLENN PATCHING	USA	2015
1:08.66	CARLO TRAVAINI	ITA	2017	24.64	CALVIN MAUGHAN	RSA	2019	30.09	HIROYOSHI MAETOGE	JPN	2022
1:09.02	HAJIME MORIMOTO	JPN	2021	25.01	JACK GROSELLE	USA	2009	30.09	GARY HALL	USA	2009
1:09.23	RICHARD SCHROEDER	USA	2012	25.12	MICHAEL HODGSON	GBR	2023	100 M.	BACK		
1:09.36	GARY PATTERSON	USA	2009	25.31	MIKE TENNANT	USA	2008	1:03.50	STEVE WOOD	USA	2015
200 M.	BRST			25.42	DAVID SIMS	USA	2017	1:04.84	ALESSIO GERMANI	ITA	2023
2:24.44	STEVE WEST	USA	2022	25.51	STEVE WOOD	USA	2016	1:05.11	RICK GOULD	USA	2023
2:25.00	VLADISLAV BRAGIN	RUS	2022	25.52	BRYAN TATTERSON	USA	2019	1:05.46	TOM BARTON	USA	2011
2:27.91	DAVID GUTHRIE	USA	2013	25.53	RICHARD ABRAHAMS	USA	2002	1:05.80	CLAY BRITT	USA	2018
2:30.51	HIDEAKI TOGO	JPN	2023	25.54	AHMET NAKKAS	TUR	2017	1:06.14	GARY HALL	USA	2009
2:31.16	ALBERTO MONTINI	ITA	2018	100 M.	FREE			1:06.19	HIROYOSHI MAETOGE	JPN	2022
2:32.55	CARLO TRAVAINI	ITA	2017	55.21	VINCENZO AMOROSO	ITA	2022	1:06.29	BRIAN A JONES	USA	2021
2:33.14	NICOLAS GRANGER	FRA	2018					1:06.47	GLENN PATCHING	USA	2016

# WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)



1:06.75	H.MAETOUGE	JPN	2023	2:25.10	A.LAVEGLIA	ITA	2021	9:29.26	J.CARLOS VALLEJO	ESP	2023
200 M. BACK				2:25.35	GREG SHAW	USA	2006	9:29.70	ANDREW BRAY	USA	2018
2:20.83	RIP ESSELSTYN	USA	2019	2:25.52	JIM SAUER	USA	2014	9:33.04	PAUL BLACKBEARD	AUS	2019
2:21.26	KURT DICKSON	USA	2022	200 M. I.M.				9:35.50	JIM MC CONICA	USA	2012
2:22.56	ALESSIO GERMANI	ITA	2022	2:19.49	NICOLAS GRANGER	FRA	2023	9:39.23	ALESSANDRO MARCO	ITA	2016
2:22.62	RICK GOULD	USA	2023	2:20.67	JEROME A FRENTSOS	USA	2020	9:43.22	DJAN MADRUGA	BRA	2018
2:22.68	CRAIG PETERSEN	USA	2015	2:20.83	MICHAEL MANN	USA	2009	9:44.75	K.DELLBRUGGE	GER	2022
2:23.84	TOM BARTON	USA	2011	2:21.91	BRENT FOSTER	NZL	2023	9:48.47	STEVEN PRESCOTT	NZL	2014
2:25.89	JIM MC CONICA	USA	2005	2:22.50	JIM SAUER	USA	2014	9:49.31	DAN STEPHENSON	USA	2017
2:26.07	BRIAN A JONES	USA	2021	2:22.98	AHMET NAKKAS	TUR	2018	1500 M. FREE			
2:26.23	LEN GUSHE	CAN	2018	2:24.12	RICK COLELLA	USA	2008	17:55.91	ARNALDO PEREZ	USA	2022
2:26.32	S.JANUSZKIEWICZ	POL	2018	2:24.16	TIMOTHY SHEAD	RSA	2008	18:01.45	ANDREW BRAY	USA	2018
50 M. BRST				2:24.41	CARLO TRAVAINI	ITA	2019	18:12.09	JIM MC CONICA	USA	2010
30.02	CARLO TRAVAINI	ITA	2019	2:24.65	MARCUS MATTIOLI	BRA	2015	18:26.65	PAUL BLACKBEARD	AUS	2019
30.56	DAVID GUTHRIE	USA	2017	400 M. I.M.				18:36.36	K.DELLBRUGGE	GER	2023
31.04	MICHAEL HODGSON	GBR	2023	4:57.55	BRENT FOSTER	NZL	2022	18:47.42	MICHAEL KLEIBER	GER	2023
31.05	WALTER KUSCH	GER	2009	5:01.81	MARCUS MATTIOLI	BRA	2015	18:52.17	JOSE FREITAS	POR	2023
31.39	MAKOTO ONODERA	JPN	2022	5:04.07	MICHAEL MANN	USA	2009	18:56.38	DJAN MADRUGA	BRA	2019
31.45	HAJIME MORIMOTO	JPN	2023	5:05.66	JEROME A FRENTSOS	USA	2020	19:01.10	ALESSANDRO BRAVI	ITA	2017
31.82	S.TAKAHASHI	JPN	2019	5:07.81	JIM SAUER	USA	2014	19:01.70	SCOTT TOWNSEND	USA	2013
31.84	ALEKSEY PLEKHANOV	RUS	2023	5:12.69	LEN GUSHE	CAN	2018	50 M. BACK			
31.88	PAVEL LEBEDEV	RUS	2023	5:13.11	ARNALDO PEREZ	PUR	2018	30.59	JAMIE FOWLER	USA	2019
31.95	MICHAEL AUBREY	USA	2017	5:14.38	A.LAVEGLIA	ITA	2022	30.63	ANDRE STEYNBERG	USA	2018
100 M. BRST				5:14.42	MARCO TENDERINI	ITA	2022	31.18	ALEC JOHNSON	GBR	2022
1:07.65	CARLO TRAVAINI	ITA	2019	5:16.30	ANDREY KREMLEVSKY	RUS	2023	31.38	KEMMELL ELIAS	BRA	2023
1:07.97	DAVID GUTHRIE	USA	2015	*****				31.46	HUGH WILDER	USA	2007
1:10.09	MICHAEL HODGSON	GBR	2023	M E N 60-64				31.50	VLADIMIR GORKOV	RUS	2017
1:10.77	HAJIME MORIMOTO	JPN	2023	*****				31.56	TOM BARTON	USA	2016
1:10.82	S.TAKAHASHI	JPN	2019	50 M. FREE				31.62	JONATHAN KLEIN	USA	2018
1:10.84	GREGORY HARRIS	USA	2018	25.23	RICHARD ABRAHAMS	USA	2006	31.71	DONALD GRAHAM	USA	2014
1:11.13	TIMOTHY SHEAD	RSA	2008	25.63	DOUG MARTIN	USA	2015	31.74	MARCO COLOMBO	ITA	2022
1:11.55	MAKOTO ONODERA	JPN	2022	25.85	VINCENZO DE SIO	ITA	2008	100 M. BACK			
1:11.97	JEROME A FRENTSOS	USA	2020	25.92	BRENT BARNES	SGP	2018	1:06.08	JAMIE FOWLER	USA	2019
1:12.15	TIMUR PODMARYOV	RUS	2015	26.00	ALEXEY MARKOVSKIY	RUS	2017	1:07.08	VLADIMIR GORKOV	RUS	2017
200 M. BRST				26.18	DAVID EMERSON	GBR	2023	1:07.85	TOM BARTON	USA	2016
2:30.63	DAVID GUTHRIE	USA	2016	26.31	ANDRE STEYNBERG	RSA	2016	1:08.10	JONATHAN KLEIN	USA	2018
2:30.67	CARLO TRAVAINI	ITA	2018	26.35	JACK GROSELLE	USA	2014	1:08.77	HUGH WILDER	USA	2007
2:37.91	ALBERTO MONTINI	ITA	2023	26.35	PAUL TREVISAN	USA	2013	1:08.86	ANDRE STEYNBERG	RSA	2016
2:38.66	RICK COLELLA	USA	2008	26.41	JAMES RITTER	USA	2017	1:08.97	DJAN MADRUGA	BRA	2018
2:39.28	TIMUR PODMARYOV	RUS	2012	100 M. FREE				1:09.10	Z.JANUSZKIEWICZ	POL	2023
2:40.20	MAKOTO ONODERA	JPN	2022	57.66	AHMET NAKKAS	TUR	2022	1:09.43	ALEC JOHNSON	GBR	2023
2:40.90	HAJIME MORIMOTO	JPN	2023	57.79	JACK GROSELLE	USA	2014	1:09.53	MARCO COLOMBO	ITA	2020
2:41.54	TIMOTHY SHEAD	RSA	2008	57.94	JAMES RITTER	USA	2017	200 M. BACK			
2:41.60	SHUJI YAMAZAKI	JPN	2021	58.06	DAN STEPHENSON	USA	2017	2:26.12	JAMIE FOWLER	USA	2019
2:41.71	MASSIMO BUSIGNANI	ITA	2023	58.25	TRIP HEDRICK	USA	2017	2:28.37	DJAN MADRUGA	BRA	2018
50 M. FLY				58.61	RICHARD ABRAHAMS	USA	2005	2:28.37	TOM BARTON	USA	2016
26.56	STEVE HILTABIDDLE	USA	2021	59.04	RICK COLELLA	USA	2014	2:29.05	JIM SAUER	USA	2017
26.86	MICHAEL HODGSON	GBR	2023	59.43	JERRY M KOLLRROSS	USA	2022	2:29.29	VLADIMIR GORKOV	RUS	2018
26.86	GARY HALL	USA	2009	59.56	CARLO TRAVAINI	ITA	2023	2:30.15	Z.JANUSZKIEWICZ	POL	2023
27.02	HIROSHI MIURA	JPN	2023	59.57	DOUG MARTIN	USA	2014	2:30.27	ARNALDO PEREZ	PUR	2023
27.08	GREG SHAW	USA	2007	200 M. FREE				2:30.95	DAN STEPHENSON	USA	2018
27.15	KAZUHIKO YAMAKAWA	JPN	2023	2:07.68	DAN STEPHENSON	USA	2017	2:31.70	CRAIG PETERSEN	USA	2022
27.26	DAN THOMPSON	CAN	2014	2:08.09	J.CARLOS VALLEJO	ESP	2023	2:32.09	A.BONANNI	ITA	2022
27.29	MARK WELDON	NZL	2023	2:08.19	JAMES RITTER	USA	2017	50 M. BRST			
27.31	STEVE WOOD	USA	2016	2:09.24	JACK GROSELLE	USA	2014	30.57	CARLO TRAVAINI	ITA	2023
27.31	PAUL CARTER	USA	2012	2:09.74	AHMET NAKKAS	TUR	2022	31.95	DAVID GUTHRIE	USA	2022
100 M. FLY				2:12.32	JOHN FIELDS	USA	2016	32.53	DAVID MILBURN	GBR	2022
1:00.56	PAUL CARTER	USA	2012	2:12.55	MARCUS MATTIOLI	BRA	2022	32.80	STUART ELLICOTT	AUS	2012
1:00.88	TERUHISA SHIMIZU	JPN	2019	2:12.57	JIM MC CONICA	USA	2010	32.87	TIMOTHY SHEAD	USA	2012
1:01.05	GREG SHAW	USA	2006	2:12.69	FRED SCHLICHER	USA	2008	32.89	J.KOCHENDORFER	USA	2021
1:01.13	DAVID SIMS	USA	2017	2:12.83	PAUL BLACKBEARD	AUS	2019	32.96	DAVID BRYANT	GBR	2023
1:01.25	MARK WELDON	NZL	2023	400 M. FREE				33.00	GREGORY OXLEY	USA	2018
1:01.29	HUGO BREGMAN	NED	2013	4:30.15	J.CARLOS VALLEJO	ESP	2023	33.09	RICHARD NEVILLE	USA	2016
1:01.31	MARCUS MATTIOLI	BRA	2015	4:34.89	ARNALDO PEREZ	PUR	2022	33.14	H.HASHIMOTO	JPN	2023
1:01.83	BRAD HORNER	USA	2009	4:36.85	DAN STEPHENSON	USA	2017	100 M. BRST			
1:01.87	STEVE HILTABIDDLE	USA	2021	4:36.89	ANDREW BRAY	USA	2018	1:09.57	CARLO TRAVAINI	ITA	2023
1:01.97	DAN THOMPSON	CAN	2014	4:37.35	PAUL BLACKBEARD	AUS	2019	1:11.64	DAVID GUTHRIE	USA	2022
200 M. FLY				4:37.43	DJAN MADRUGA	BRA	2018	1:12.08	S.TAKAHASHI	JPN	2022
2:16.78	MARCUS MATTIOLI	BRA	2015	4:37.58	JAMES RITTER	USA	2017	1:13.38	RICK COLELLA	USA	2013
2:18.37	DAVID SIMS	USA	2017	4:40.00	JIM MC CONICA	USA	2012	1:13.97	TIMUR PODMARYOV	RUS	2017
2:18.97	BRAD HORNER	USA	2009	4:42.94	JACK GROSELLE	USA	2014	1:14.14	TIMOTHY SHEAD	USA	2012
2:19.18	HUGO BREGMAN	NED	2013	4:43.04	K.DELLBRUGGE	GER	2022	1:14.67	MARCO VEILLEUX	CAN	2023
2:20.58	MAURO CAPPELLETTI	ITA	2022	800 M. FREE				1:14.69	DAVID MILBURN	GBR	2022
2:23.30	ARNALDO PEREZ	PUR	2018	9:21.08	ARNALDO PEREZ	PUR	2022	1:14.72	DAVID BRYANT	GBR	2023
2:24.42	MIKE G SHAFFER	USA	2021					1:15.25	GREGORY OXLEY	USA	2018

**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



200 M. BRST			27.10	IGOR KRAVKOV	ISR 2023	1:09.79	HUGH WILDER	USA 2012
2:33.57	CARLO TRAVAINI	ITA 2023	27.15	JEFF FARRELL	USA 2002	1:10.75	TOM WOLF	USA 2023
2:39.49	DAVID GUTHRIE	USA 2022	27.31	VINUS VAN BAALEN	USA 2007	1:10.86	ANDRE P STEYNBERG	USA 2021
2:40.46	RICK COLELLA	USA 2014	27.34	A.MARKOVSKIY	RUS 2023	1:11.28	STEVE DECOSSE	USA 2023
2:45.53	TIMUR PODMARYOV	RUS 2017	27.37	KEEFE LODWIG	USA 2008	1:11.32	RICHARD BURNS	USA 2009
2:45.67	LORENZO MARUGO	ITA 2012	27.38	TATE HOLT	USA 2016	1:11.48	JONATHAN E KLEIN	USA 2022
2:45.71	TIMOTHY SHEAD	USA 2012	100 M. FREE			1:11.54	DOUGLAS K SLATER	USA 2022
2:48.19	DAVID MILBURN	GBR 2022	59.49	JACK GROSELE	USA 2019	1:11.99	DAN STEPHENSON	USA 2022
2:48.52	RICHARD LOCKHART	NZL 2023	59.50	DAN STEPHENSON	USA 2022	200 M. BACK		
2:49.73	DAVID BRYANT	GBR 2023	1:00.38	RICHARD ABRAHAMS	USA 2010	2:31.62	VLADIMIR GORKOV	RUS 2022
2:50.44	ALLEN STARK	USA 2011	1:00.86	RICK COLELLA	USA 2019	2:32.79	DAN STEPHENSON	USA 2022
50 M. FLY			1:01.05	DAVID QUIGGIN	USA 2009	2:32.89	DJAN MADRUGA	BRA 2023
27.57	DAVID EMERSON	GBR 2023	1:01.16	BRUCE WILLIAMS	USA 2018	2:34.98	JAMES H RITTER	USA 2022
27.65	HUGO BREGMAN	NED 2018	1:01.30	KEEFE LODWIG	USA 2009	2:36.54	TOM WOLF	USA 2023
27.85	TRIP HEDRICK	USA 2017	1:01.37	JAMES H RITTER	USA 2022	2:37.13	JONATHAN E KLEIN	USA 2022
27.91	ALEXEY MARKOVSKIY	RUS 2017	1:01.69	TATE HOLT	USA 2016	2:37.16	LAWRENCE DAY	USA 2018
27.92	RICHARD ABRAHAMS	USA 2005	1:01.78	BRUCE YOUNG	USA 2022	2:39.02	FRED FERROGGIARO	USA 2019
28.14	DONALD GRAHAM	USA 2014	200 M. FREE			2:39.69	TIM SHEAD	RSA 2017
28.22	JOHN FIELDS	USA 2017	2:09.39	RICK COLELLA	USA 2017	2:40.64	BRUCE YOUNG	USA 2022
28.25	STEFANO VAGHI	ITA 2022	2:11.40	DAN STEPHENSON	USA 2022	50 M. BRST		
28.36	DAN THOMPSON	CAN 2018	2:16.86	JACK GROSELE	USA 2019	33.30	RICK COLELLA	USA 2016
28.37	PAUL CARTER	USA 2017	2:17.65	PAUL BLACKBEARD	AUS 2023	33.69	STUART ELLICOTT	AUS 2017
100 M. FLY			2:18.17	JAMES RITTER	USA 2023	33.87	RICHARD NEVILLE	USA 2021
1:02.00	HUGO BREGMAN	NED 2018	2:18.51	TIM BRODERICK	USA 2016	33.92	PERE BALCELLS	ITA 2019
1:03.03	RICHARD ABRAHAMS	USA 2005	2:18.53	TOM LANDIS	USA 2008	33.93	YOSHIHIDE KAGAMI	JPN 2023
1:03.98	FRED SCHLICHER	USA 2008	2:19.31	MASSIMO TUBINO	ITA 2023	34.30	TIMOTHY SHEAD	RSA 2018
1:04.43	PATRICK MURTAGH	USA 2017	2:19.35	BRUCE YOUNG	USA 2022	34.51	WALTER KUSCH	GER 2019
1:04.74	JIM SAUER	USA 2017	2:19.96	AKIRA IIDA	JPN 2019	34.55	CARLOS SILVA	BRA 2019
1:05.78	ANDRE STEYNBERG	RSA 2016	400 M. FREE			34.61	OSAMU MAEDA	JPN 2009
1:05.82	LAWRENCE DAY	USA 2011	4:37.70	RICK COLELLA	USA 2017	34.66	ROBERT STRAND	USA 2012
1:05.97	CARLO TRAVAINI	ITA 2023	4:41.12	DAN STEPHENSON	USA 2022	100 M. BRST		
1:06.02	BRIAN PATNO	USA 2016	4:45.06	PAUL BLACKBEARD	AUS 2023	1:14.77	RICK COLELLA	USA 2017
1:06.03	KEVIN MCCORMACK	USA 2013	4:53.52	DJAN MADRUGA	BRA 2023	1:16.14	YOSHIHIDE KAGAMI	JPN 2023
200 M. FLY			4:54.35	DICK WORREL	USA 2018	1:17.52	TIM SHEAD	RSA 2017
2:23.52	HUGO BREGMAN	NED 2018	4:54.43	MARTEN DE GROOT	NED 2023	1:18.10	RICHARD NEVILLE	USA 2021
2:29.05	LAWRENCE DAY	USA 2011	4:55.78	BRUCE YOUNG	USA 2022	1:18.11	STUART ELLICOTT	AUS 2017
2:29.88	GREG SANCHEZ	USA 2019	4:55.91	SERGE GUERIN	FRA 2022	1:18.11	KENNETH FROST	USA 2009
2:30.61	JIM SAUER	USA 2017	4:56.47	JIM MC CONICA	USA 2015	1:18.13	PERE BALCELLS	ESP 2019
2:30.64	ARNALDO PEREZ	PUR 2023	4:56.96	JAMES H RITTER	USA 2022	1:18.49	C.STARZEC	FRA 2015
2:31.58	FRED SCHLICHER	USA 2008	800 M. FREE			1:18.87	ROBERT STRAND	USA 2012
2:33.38	MARCUS MATTIOLI	BRA 2022	9:48.95	DJAN MADRUGA	BRA 2023	1:19.16	ROBERT WRIGHT	USA 2015
2:33.72	ROBERT POILETMAN	USA 2003	9:53.52	PAUL BLACKBEARD	AUS 2023	200 M. BRST		
2:34.43	MIKE LAMONICA	USA 2023	10:01.92	DAN STEPHENSON	USA 2022	2:41.54	RICK COLELLA	USA 2016
2:35.01	HIDEYUKI TANABE	JPN 2022	10:11.30	JIM MC CONICA	USA 2015	2:48.92	YOSHIHIDE KAGAMI	JPN 2023
200 M. I.M.			10:11.74	DOUG KAJIWARA	USA 2022	2:54.63	K.SIGITAS	LTU 2023
2:21.99	RICK COLELLA	USA 2014	10:13.58	SERGE GUERIN	FRA 2022	2:56.09	TIMUR PODMARYOV	RUS 2023
2:24.91	CARLO TRAVAINI	ITA 2023	10:17.22	JAMES RITTER	USA 2023	2:56.96	ALLEN STARK	USA 2014
2:28.02	AHMET NAKKAS	TUR 2022	10:23.11	MICHAEL SEMPLE	RSA 2022	2:57.15	GERARD HOFFMANN	USA 2021
2:29.47	SHINJI ITO	JPN 2023	10:23.39	PATRICK MOREAU	FRA 2017	2:57.78	STUART ELLICOTT	AUS 2019
2:30.05	TIMOTHY SHEAD	USA 2012	10:24.48	RICK WALKER	USA 2015	2:58.10	ROBERT WRIGHT	USA 2015
2:30.09	MARK REYNOLDS	GBR 2023	1500 M. FREE			2:58.13	ROBERT STRAND	USA 2012
2:30.72	FRED SCHLICHER	USA 2008	18:43.53	PAUL BLACKBEARD	AUS 2023	2:58.34	TOSHIHARU FUJII	JPN 2015
2:30.91	JIM SAUER	USA 2017	19:28.61	JAMES RITTER	USA 2023	50 M. FLY		
2:30.98	TITO MORALES	USA 2019	19:33.36	JIM MC CONICA	USA 2015	28.26	DAN THOMPSON	CAN 2023
2:31.13	ARNALDO PEREZ	USA 2022	19:36.98	DOUG KAJIWARA	USA 2022	28.38	TRIP HEDRICK	USA 2021
400 M. I.M.			19:41.58	DICK WORREL	USA 2018	28.54	JOSEF CLARET	ESP 2009
5:08.20	RICK COLELLA	USA 2014	19:46.98	SERGE GUERIN	FRA 2023	28.68	KEEFE LODWIG	USA 2008
5:22.14	ARNALDO PEREZ	PUR 2023	19:50.57	GLENN CARLSEN	CAN 2022	28.69	JIM DRAGON	USA 2009
5:25.75	DJAN MADRUGA	BRA 2019	19:52.62	RICK WALKER	USA 2015	28.85	DOUG MARTIN	USA 2018
5:27.75	JIM SAUER	USA 2017	19:58.25	JOHN CHAMBERS	USA 2023	28.92	IGOR KRAVKOV	ISR 2023
5:28.25	LAWRENCE DAY	USA 2011	19:59.75	PATRICK MOREAU	FRA 2017	29.03	A.MARKOVSKIY	RUS 2022
5:28.47	TITO MORALES	USA 2019	50 M. BACK			29.11	BRUCE KONE	USA 2023
5:29.38	LEN GUSHE	USA 2023	30.95	HUGH WILDER	USA 2012	29.19	HUGO BREGMAN	NED 2023
5:29.55	LORENZO MARUGO	ITA 2012	31.55	IGOR KRAVKOV	ISR 2023	100 M. FLY		
5:30.46	TIMOTHY SHEAD	USA 2012	31.55	ANDRE P STEYNBERG	USA 2021	1:05.82	HUGO BREGMAN	NED 2023
5:30.99	FRED SCHLICHER	USA 2008	31.63	VLADIMIR GORKOV	RUS 2022	1:05.83	RICK COLELLA	USA 2017
*****			32.19	RICHARD BURNS	USA 2009	1:06.53	LAWRENCE DAY	USA 2016
*****			32.21	STEVE DECOSSE	USA 2023	1:06.71	DAN THOMPSON	CAN 2023
*****			32.23	BRUCE WILLIAMS	USA 2018	1:07.34	RICHARD ABRAHAMS	USA 2010
*****			32.76	ANDRE STEYNBERG	USA 2023	1:07.78	JOSEF CLARET	ESP 2009
50 M. FREE			32.78	TOM WOLF	USA 2019	1:08.45	DAN STEPHENSON	USA 2022
26.21	DOUG MARTIN	USA 2018	32.93	PHILIPP DJANG	USA 2019	1:08.48	GREG SANCHEZ	USA 2023
26.33	RICHARD ABRAHAMS	USA 2010	100 M. BACK			1:09.60	ROBERT POILETMAN	USA 2009
26.35	BRENT BARNES	JPN 2023	1:08.15	VLADIMIR GORKOV	RUS 2022	1:09.66	PAUL BLACKBEARD	AUS 2023
27.04	BRUCE WILLIAMS	USA 2018	1:08.80	IGOR KRAVKOV	ISR 2023	200 M. FLY		

# WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)



2:32.00	HUGO BREGMAN	NED	2023	5:14.11	RICK B WALKER	USA	2021	1:21.98	PEDER DAHLBERG	USA	2019
2:33.40	LAWRENCE DAY	USA	2016	5:14.92	JEFFREY BOATRIGHT	USA	2023	1:22.75	ROBERT W WRIGHT	USA	2021
2:34.84	GREG SANCHEZ	USA	2023	5:16.42	HUBIE KERNS	USA	2019	1:23.60	KAZUYA IRIE	JPN	2023
2:35.36	RICK COLELLA	USA	2017	5:17.20	DAVID RADCLIFF	USA	2008	1:23.63	ROBERT STRAND	USA	2016
2:37.40	DJAN MADRUGA	BRA	2023	5:19.29	DAVID QUIGGIN	USA	2015	1:23.65	KENNETH FROST	USA	2014
2:39.01	KAZUHIRO OTSUKA	JPN	2021	800 M. FREE				1:24.12	DAVID GILDEA	USA	2013
2:41.92	TAKEO HIRAMOTO	JPN	2015	10:12.57	RICK COLELLA	USA	2023	1:24.16	TOSHIHARU FUJII	JPN	2022
2:46.66	PAUL BLACKBEARD	AUS	2023	10:37.71	DAN KIRKLAND	USA	2018	200 M. BRST			
2:47.11	PHIL DODSON	USA	2018	10:45.92	GRAHAM JOHNSTON	USA	2002	2:48.97	RICK COLELLA	USA	2023
2:47.48	MARK MODJESKA	USA	2018	10:47.60	RICK B WALKER	USA	2021	2:57.87	TIMOTHY SHEAD	RSA	2022
200 M. I.M.				10:49.02	DAVID RADCLIFF	USA	2006	3:04.79	MICHAEL MOLONEY	AUS	2009
2:25.22	RICK COLELLA	USA	2016	10:50.20	CHRIS DUNN	GBR	2016	3:05.73	STUART ELLICOTT	AUS	2023
2:35.91	DAN STEPHENSON	USA	2023	10:58.37	HUBIE KERNS	USA	2019	3:06.10	ALLEN STARK	USA	2019
2:35.93	TIM SHEAD	RSA	2017	11:00.56	FRED FERROGGIARO	USA	2023	3:07.17	PEDER DAHLBERG	USA	2019
2:38.68	HUGO BREGMAN	NED	2023	11:03.98	EDDIE RIACH	GBR	2023	3:07.26	ROBERT STRAND	USA	2016
2:39.23	HUBIE KERNS	USA	2014	11:04.40	RICHARD BAUGHMAN	USA	2023	3:07.50	KARL WIEDAMANN	USA	2008
2:39.44	BRUCE YOUNG	USA	2022	1500 M. FREE				3:07.93	KENNETH FROST	USA	2014
2:40.29	PAUL BLACKBEARD	AUS	2023	20:26.12	DAN KIRKLAND	USA	2018	3:09.09	NORIAKI TSUJI	JPN	2016
2:40.38	YOSHIHIDE KAGAMI	JPN	2023	20:36.56	GRAHAM JOHNSTON	USA	2001	50 M. FLY			
2:40.53	DJAN MADRUGA	BRA	2023	20:52.25	RICK WALKER	USA	2023	29.98	LAWRENCE J DAY	USA	2021
2:41.01	DOUG KAJIWARA	USA	2022	21:07.50	DAVID RADCLIFF	USA	2008	30.06	RICHARD ABRAHAMS	USA	2015
400 M. I.M.				21:08.22	CHRIS DUNN	GBR	2017	30.29	DOUG MARTIN	USA	2023
5:13.36	RICK COLELLA	USA	2017	21:12.56	TOM LANDIS	USA	2012	30.65	LEE CHILDS	USA	2018
5:36.62	DJAN MADRUGA	BRA	2023	21:17.65	MARK MODJESKA	USA	2023	30.74	MARC D MIDDLETON	USA	2021
5:40.43	LAWRENCE DAY	USA	2016	21:22.87	EDWARD BORSUK	USA	2023	30.76	KEVIN MCCORMACK	USA	2023
5:42.24	PATRICK MOREAU	FRA	2018	21:30.18	G.S.CARAMEL	ITA	2022	30.81	STEVE BOROWSKI	USA	2017
5:43.61	GREG SANCHEZ	USA	2022	21:36.26	HUBIE KERNS	USA	2019	30.90	JOEL BURNS	USA	2016
5:46.59	PAUL BLACKBEARD	AUS	2023	50 M. BACK				31.20	RICHARD BURNS	USA	2015
5:46.62	HUGO BREGMAN	NED	2023	33.51	BRUCE WILLIAMS	USA	2023	31.25	JIRI SHEJBAL	CZE	2023
5:48.50	JAMES RITTER	USA	2023	33.58	HUGH WILDER	USA	2017	31.25	KEVIN M MCCORMACK	USA	2022
5:50.98	ALEK SHESTAKOV	USA	2014	33.59	RICHARD BURNS	USA	2013	100 M. FLY			
5:51.00	DOV NISMAN	ISR	2019	33.69	RICHARD BOBER	USA	2021	1:07.40	LAWRENCE J DAY	USA	2021
*****				34.65	FRED SCHLICHER	USA	2018	1:12.43	FRED SCHLICHER	USA	2018
M E N 70-74				34.74	MORRIE CHIANG	TPE	2019	1:12.43	ANDREW MCPHERSON	USA	2017
*****				34.76	GRAEME ARMSTRONG	AUS	2022	1:12.66	RICHARD ABRAHAMS	USA	2015
50 M. FREE				34.81	J-C LESTIDEAU	ESP	2016	1:14.20	ROBERT POILETMAN	USA	2013
27.12	DOUG MARTIN	USA	2023	34.90	BERND HORSTMANN	GER	2012	1:14.47	JOSEF CLARET	ESP	2014
27.71	RICHARD ABRAHAMS	USA	2015	34.92	JAY BRZEZINSKI	USA	2017	1:15.17	JEFFREY BOATRIGHT	USA	2023
27.93	STEVE BOROWSKI	USA	2017	100 M. BACK				1:15.23	J-C LESTIDEAU	ESP	2016
28.10	BRUCE WILLIAMS	USA	2023	1:13.49	HUGH WILDER	USA	2017	1:15.29	JACK GOODING	USA	2023
28.30	JOHN LIRON	GBR	2018	1:13.77	LAWRENCE J DAY	USA	2021	1:15.79	RICHARD BURNS	USA	2015
28.35	IAN SMITH	CAN	2011	1:15.13	RICHARD BURNS	USA	2013	200 M. FLY			
28.46	DAVID QUIGGIN	USA	2015	1:15.24	BARRY YOUNG	NZL	2009	2:47.17	LAWRENCE J DAY	USA	2021
28.46	WOLFRAM GOTTFRIED	GER	2004	1:16.14	BERND HORSTMANN	GER	2013	2:53.26	BARRY YOUNG	NZL	2009
28.53	JEFF FARRELL	USA	2007	1:16.83	RICHARD BOBER	USA	2021	2:53.43	FRED SCHLICHER	USA	2018
28.55	JAMES ELDER	USA	2013	1:17.00	FRED FERROGGIARO	USA	2023	2:57.43	ROLAND FREYGANG	GER	2022
100 M. FREE				1:17.27	SERGIO PINHEIRO	BRA	2017	2:59.21	ROBERT POILETMAN	USA	2013
1:03.32	DAVID QUIGGIN	USA	2015	1:17.64	J-C LESTIDEAU	ESP	2016	3:01.21	HUBIE KERNS	USA	2019
1:03.71	RICHARD ABRAHAMS	USA	2015	1:18.06	JAY BRZEZINSKI	USA	2017	3:03.40	J-C LESTIDEAU	ESP	2016
1:03.91	BRUCE WILLIAMS	USA	2023	200 M. BACK				3:03.85	PAUL WYATT	AUS	2017
1:04.85	RICHARD BURNS	USA	2013	2:40.25	LAWRENCE J DAY	USA	2021	3:04.35	GUNTER SCHOPKE	GER	2010
1:04.95	KAZUYA IRIE	JPN	2023	2:44.16	FRED FERROGGIARO	USA	2023	3:05.45	MARK MODJESKA	USA	2023
1:05.40	CAV CAVANAUGH	USA	2005	2:44.59	RICHARD BURNS	USA	2013	200 M. I.M.			
1:05.45	CHRIS DUNN	GBR	2016	2:46.27	FRED SCHLICHER	USA	2018	2:35.97	RICK COLELLA	USA	2023
1:05.54	STEVE BOROWSKI	USA	2017	2:47.91	DAN KIRKLAND	USA	2018	2:42.94	LAWRENCE J DAY	USA	2021
1:05.57	GERHARD WIELAND	AUT	2015	2:48.10	BARRY YOUNG	NZL	2009	2:44.36	BARRY YOUNG	NZL	2009
1:05.61	GERHARD SCHILLER	GER	2019	2:49.85	BERND HORSTMANN	GER	2013	2:44.78	TIMOTHY SHEAD	USA	2023
200 M. FREE				2:52.05	WILLIAM WARDLE	USA	2022	2:47.63	HUBIE KERNS	USA	2019
2:23.30	FRED SCHLICHER	USA	2018	2:52.20	STEVE GROSSMAN	GBR	2023	2:48.81	JEFFREY BOATRIGHT	USA	2023
2:24.22	DAN KIRKLAND	USA	2018	2:52.70	EDDIE RIACH	GBR	2023	2:49.38	FRED SCHLICHER	USA	2018
2:24.41	DAVID QUIGGIN	USA	2014	50 M. BRST				2:51.06	PATRICK MOREAU	FRA	2023
2:25.42	CHRIS DUNN	GBR	2016	34.69	RICK COLELLA	USA	2023	2:52.31	STEVEN HECK	USA	2019
2:25.99	ABED OUADAH	FRA	2023	35.01	TIMOTHY SHEAD	RSA	2022	2:52.57	JOSEF KOCSI	AUT	2017
2:26.20	DAVID RADCLIFF	USA	2008	35.26	STUART ELLICOTT	AUS	2023	400 M. I.M.			
2:26.78	JEFFREY BOATRIGHT	USA	2023	36.21	ROBERT W WRIGHT	USA	2021	5:55.97	LAWRENCE J DAY	USA	2021
2:27.26	ALAN BERNARD	USA	2019	36.42	KAZUYA IRIE	JPN	2023	5:57.81	BARRY YOUNG	NZL	2009
2:27.71	RICK B WALKER	USA	2021	36.57	PEDER DAHLBERG	USA	2019	6:01.90	ALEK SHESTAKOV	USA	2019
2:27.83	RICHARD BURNS	USA	2013	36.68	ROBERT STRAND	USA	2016	6:03.96	TIMOTHY SHEAD	RSA	2022
400 M. FREE				36.71	TOSHIHARU FUJII	JPN	2022	6:06.60	FRED SCHLICHER	USA	2018
4:57.84	RICK COLELLA	USA	2023	36.86	DIETER HOEFEL	GER	2015	6:06.99	HUBIE KERNS	USA	2019
5:03.56	DAN KIRKLAND	USA	2018	37.23	YOSHIHIKO OSAKI	JPN	2009	6:08.83	PATRICK MOREAU	FRA	2023
5:11.68	CHRIS DUNN	GBR	2016	100 M. BRST				6:19.41	JOSEF KOCSI	AUT	2017
5:11.89	FRED SCHLICHER	USA	2018	1:17.80	RICK COLELLA	USA	2023	6:22.62	STEVEN HECK	USA	2019
5:12.05	GRAHAM JOHNSTON	USA	2001	1:18.41	TIMOTHY SHEAD	RSA	2022	6:23.86	J-C LESTIDEAU	ESP	2017
				1:21.26	STUART ELLICOTT	AUS	2023				

**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



*****		37.15	DIETER SEIFERT	GER 2023	1:21.90	HORST LEHMANN	GER 2022
M E N 75-79		37.24	BERND HORSTMANN	GER 2019	1:22.54	AKIRA TAKAKURA	JPN 2017
*****		37.51	KEIJIRO NAKAMURA	JPN 1998	1:24.28	DEREK PARR	GBR 2019
50 M. FREE		37.59	RYUJI TAKAMINE	JPN 2016	1:25.60	TAISUKE MIYAZAKI	JPN 2014
29.19	DAVID QUIGGIN	USA 2019	37.68	Y.FUNAHASHI	JPN 2015	1:26.04	TAKASHI HAYASHI
29.60	RICHARD BURNS	USA 2019	100 M. BACK		1:26.41	GUNTER SCHOPKE	GER 2015
29.87	JAMES ELDER	USA 2018	1:17.17	RICHARD BURNS	USA 2018	1:27.26	YASUTAKA KOIKE
30.08	AKIRA FUJIMAKI	JPN 2018	1:20.06	JOZSEF CSIKANY	HUN 2018	200 M. FLY	
30.11	CHRIS DUNN	GBR 2023	1:20.98	BURWELL JONES	USA 2009	3:08.54	FRED SCHLICHER
30.15	LEE CHILDS	USA 2023	1:21.52	YOSHI OYAKAWA	USA 2008	3:11.38	RUDOLF SMERDA
30.26	IAN SMITH	CAN 2016	1:21.89	DIETER SEIFERT	GER 2023	3:18.12	RICHARD KITCHELL
30.27	DIETER SEIFERT	GER 2023	1:22.05	S.SEKIKAWA	JPN 2009	3:22.72	GUNTER SCHOPKE
30.28	DAVID RADCLIFF	USA 2009	1:22.42	DAN KIRKLAND	USA 2023	3:26.21	DAVID MCLACHLAN
30.30	MIKE FRESHLEY	USA 2016	1:22.65	BERND HORSTMANN	GER 2019	3:26.28	TAKASHI HAYASHI
100 M. FREE		1:24.86	MIKE SELNA	USA 2023	3:27.09	ALBERTO SICA	ITA 2022
1:06.40	AKIRA FUJIMAKI	JPN 2018	1:25.03	GERHARD WIELAND	AUT 2022	3:27.74	DEREK PARR
1:06.55	RICHARD BURNS	USA 2019	200 M. BACK		3:31.90	WERNER MULLER	GER 2009
1:06.63	DAVID RADCLIFF	USA 2009	2:50.25	RICHARD BURNS	USA 2018	3:32.05	J.LESTIDEAU
1:07.42	DAVID QUIGGIN	USA 2019	2:56.39	DAN KIRKLAND	USA 2023	200 M. I.M.	
1:07.69	LEE CHILDS	USA 2023	2:57.72	BURWELL JONES	USA 2010	2:53.12	JOEL WILSON
1:09.06	MIKE FRESHLEY	USA 2016	2:58.32	JOZSEF CSIKANY	HUN 2018	2:57.63	FRED SCHLICHER
1:09.37	DIETER SEIFERT	GER 2023	2:59.75	BERND HORSTMANN	GER 2019	2:57.66	RICHARD BURNS
1:09.93	CHRIS DUNN	GBR 2022	3:04.07	S.SEKIKAWA	JPN 2010	2:59.01	MIKE FRESHLEY
1:10.02	SHINGO YAMAMOTO	JPN 2008	3:06.46	MIKE SELNA	USA 2023	2:59.58	LEE CHILDS
1:10.38	GRAHAM JOHNSTON	USA 2006	3:07.08	MARTY MENNEN	USA 2011	3:03.47	JOSEF KOCSI
200 M. FREE		3:07.15	TOSHIAKI MIYATA	JPN 2023	3:06.58	BURWELL JONES	USA 2009
2:25.66	DAVID RADCLIFF	USA 2009	3:07.83	T.HASHIMOTO	JPN 2016	3:07.29	GERHARD HOLE
2:32.28	FRED SCHLICHER	USA 2023	50 M. BRST		3:07.60	RUDOLF SMERDA	CZE 2018
2:32.63	DAN KIRKLAND	USA 2023	38.12	ROBERTO RUGGIERI	ITA 2022	3:07.76	GERSHON SHEFA
2:33.87	AKIRA FUJIMAKI	JPN 2018	39.06	PETER ANDERSEN	USA 2018	400 M. I.M.	
2:35.32	BURWELL JONES	USA 2009	39.22	ANTONIO ORSELLI	BRA 2017	6:34.91	MIKE FRESHLEY
2:35.37	CHRIS DUNN	GBR 2022	39.37	JOSEF KOCSI	AUT 2022	6:48.48	BURWELL JONES
2:36.24	JOEL WILSON	USA 2023	39.62	MIKE FRESHLEY	USA 2016	6:50.66	KURT FREI
2:36.30	GRAHAM JOHNSTON	USA 2006	39.65	HANS REICHELT	GER 2011	6:57.53	MASARU SHINKAI
2:37.67	TONY RALPHS	USA 2018	39.86	HISASHI DOI	JPN 2023	6:58.19	GIULIO DIVANO
2:38.13	LEE CHILDS	USA 2023	39.92	TONY GOODWIN	AUS 2012	6:58.62	ALBERTO SICA
400 M. FREE		40.01	TETSUO NAKAMARU	JPN 2010	7:01.55	ED REED	USA 2018
5:17.77	DAVID RADCLIFF	USA 2009	40.20	MIKHAIL FARAFONOV	RUS 2012	7:03.86	JOAQUIN CANALES
5:19.10	JOEL WILSON	USA 2023	100 M. BRST		7:04.57	CHRIS DUNN	GBR 2023
5:22.62	DAN KIRKLAND	USA 2023	1:27.74	MIKE FRESHLEY	USA 2016	7:06.53	PAUL WYATT
5:28.45	CHRIS DUNN	GBR 2023	1:29.15	MASARU SHINKAI	JPN 2016	*****	
5:32.06	GRAHAM JOHNSTON	USA 2006	1:29.35	TONY GOODWIN	AUS 2012	M E N 80-84	
5:33.42	BURWELL JONES	USA 2009	1:29.55	TETSUO NAKAMARU	JPN 2010	*****	
5:39.94	JOHN CRISP	AUS 2010	1:29.92	HANS REICHELT	GER 2011	50 M. FREE	
5:40.14	DAVID QUIGGIN	USA 2019	1:30.22	PETER ANDERSEN	USA 2018	31.23	AKIRA FUJIMAKI
5:41.24	TONY RALPHS	USA 2018	1:30.60	ANTONIO ORSELLI	BRA 2017	31.28	HELMUT RICHTER
5:41.43	TADANOBU YAMADA	JPN 2018	1:31.46	ALBERTO SICA	ITA 2021	31.86	RICHARD BURNS
800 M. FREE		1:31.50	ALAIN LEGRUX	FRA 2023	31.96	ROBERTO ALBERICHE	ESP 2012
11:01.70	DAN KIRKLAND	USA 2023	1:31.53	ROBERTO RUGGIERI	ITA 2022	32.05	HIROSHI MATSUMOTO
11:07.90	DAVID RADCLIFF	USA 2009	200 M. BRST		32.18	JEFF FARRELL	USA 2017
11:24.63	CHRIS DUNN	GBR 2022	3:13.93	MIKE FRESHLEY	USA 2016	32.35	ROBERT PILGER
11:25.95	GRAHAM JOHNSTON	USA 2006	3:17.54	TONY GOODWIN	AUS 2012	32.73	B.SCHLURIKE
11:50.86	TONY RALPHS	USA 2018	3:18.14	MASARU SHINKAI	JPN 2016	32.83	TSUTOMU HAYASHI
11:59.76	JOHN CRISP	AUS 2010	3:21.31	JOEL WILSON	USA 2023	32.92	CAV CAVANAUGH
11:59.91	MASATO YOSHINO	JPN 2013	3:23.32	ALAIN LEGRUX	FRA 2023	100 M. FREE	
12:00.40	BOB BRUCE	USA 2023	3:24.08	HANS REICHELT	GER 2011	1:08.76	AKIRA FUJIMAKI
12:02.17	JOHN RICHARDS	AUS 2017	3:26.50	GERSHON SHEFA	ISR 2018	1:11.82	DAVID RADCLIFF
12:04.82	IGOR BROVIN	RUS 2009	3:27.50	STEVEN B PETERSON	USA 2021	1:12.26	RICHARD BURNS
1500 M. FREE		3:28.01	NORIAKI TSUJI	JPN 2021	1:12.68	HIROSHI MATSUMOTO	JPN 2016
21:02.80	DAN KIRKLAND	USA 2023	3:28.51	SHUNSAKU TAKAHIRA	JPN 2007	1:13.12	ROBERTO ALBERICHE
21:03.06	DAVID RADCLIFF	USA 2009	50 M. FLY		1:14.33	MASATO YOSHINO	JPN 2018
21:29.62	CHRIS DUNN	GBR 2022	31.75	JOEL J BURNS	USA 2021	1:16.04	GRAHAM JOHNSTON
22:38.01	TONY RALPHS	USA 2018	32.17	RICHARD BURNS	USA 2018	1:16.09	JEFF FARRELL
22:48.17	BOB BRUCE	USA 2023	32.22	LEE CHILDS	USA 2023	1:16.22	CAV CAVANAUGH
22:48.56	JOHN CRISP	AUS 2010	32.61	Y.FUNAHASHI	JPN 2014	1:16.31	HELMUT RICHTER
23:02.25	GRAHAM JOHNSTON	USA 2006	32.76	HIROSHI MATSUMOTO	JPN 2012	200 M. FREE	
23:08.57	JOHN STAFFORD	USA 2023	33.17	JOSEP CLARET	ITA 2019	2:40.22	DAVID RADCLIFF
23:16.89	MASATO YOSHINO	JPN 2014	33.26	JIM DRAGON	USA 2019	2:40.87	AKIRA FUJIMAKI
23:23.92	DAVID QUIGGIN	USA 2019	33.27	AKIRA TAKAKURA	JPN 2016	2:43.47	RICHARD BURNS
50 M. BACK		33.37	HORST LEHMANN	GER 2022	2:44.68	MASATO YOSHINO	JPN 2018
34.45	RICHARD BURNS	USA 2018	33.48	PAULO MOTTA	BRA 2023	2:45.48	IKURO SHIMONO
36.14	YOSHI OYAKAWA	USA 2008	100 M. FLY		2:48.61	WERNER SCHNABEL	GER 2016
36.32	JOZSEF CSIKANY	HUN 2018	1:16.87	FRED SCHLICHER	USA 2023	2:48.76	ROBERTO ALBERICHE
36.38	S.SEKIKAWA	JPN 2008	1:20.68	RICHARD BURNS	USA 2018	2:49.76	TONY RALPHS
36.90	BURWELL JONES	USA 2010	1:21.57	RUDOLF SMERDA	CZE 2018		

**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



2:52.41	TADANOBU YAMADA	JPN	2023	42.92	TONY GOODWIN	AUS	2017	7:38.09	ED REED	USA	2023
2:52.91	GRAHAM JOHNSTON	USA	2013	43.05	IWAMI IKEDA	JPN	2014	7:38.09	JAN ZIEGLER	CZE	2005
400 M. FREE				43.19	HIROFUMI HOSOTANI	JPN	2015	7:39.71	WILLIAM LAUER	USA	2014
5:45.21	DAVID RADCLIFF	USA	2015	43.23	TETSUO NAKAMARU	JPN	2015	7:45.19	LARRY GOOD	USA	2014
6:02.12	IKURO SHIMONO	JPN	2018	100 M. BRST				7:46.50	DAVID MCLACHLAN	RSA	2017
6:02.26	MASATO YOSHINO	JPN	2018	1:34.41	MASARU SHINKAI	JPN	2021	7:47.73	THOMAS MAINE	USA	2006
6:04.49	TADANOBU YAMADA	JPN	2023	1:34.43	BELA FABIAN	HUN	2017				
6:05.49	WERNER SCHNABEL	GER	2016	1:34.63	TONY GOODWIN	AUS	2019	*****			
6:08.75	GIULIO DIVANO	ITA	2011	1:37.05	TETSUO NAKAMARU	JPN	2015	M E N 85-89			
6:10.13	GRAHAM JOHNSTON	USA	2012	1:38.19	MIKE FRESHLEY	USA	2021	*****			
6:11.49	ROBERTO ALBERICHE	ESP	2011	1:38.37	DAVE NOBLE	USA	2023	50 M. FREE			
6:15.90	JOHN C DAY	USA	2021	1:38.90	GERSHON SHEFA	ISR	2023	32.51	ROBERTO ALBERICHE	ESP	2017
6:17.52	TOSABURO HOSOKAWA	JPN	2015	1:39.21	HANS REICHELT	GER	2017	33.74	TOHRU FURUKAWA	JPN	2023
800 M. FREE				1:39.32	PATRICK GALVIN	AUS	2013	33.94	KEIJIRO NAKAMURA	JPN	2008
11:49.29	DAVID RADCLIFF	USA	2014	1:39.73	TSUTOMU KAJIHARA	JPN	2013	35.23	JEFF FARRELL	USA	2022
12:51.45	GRAHAM JOHNSTON	USA	2012	200 M. BRST				35.74	TSUTOMU HAYASHI	JPN	2021
12:52.38	GIULIO DIVANO	ITA	2011	3:27.72	MASARU SHINKAI	JPN	2021	35.77	WOODROW BOWERSOCK	USA	1998
12:55.27	BURWELL JONES	USA	2013	3:28.43	TONY GOODWIN	AUS	2017	35.83	HIROSHI MATSUMOTO	JPN	2022
12:55.71	MASATO YOSHINO	JPN	2019	3:34.08	MIKE FRESHLEY	USA	2021	35.85	FRANK PIEMME	USA	2010
13:00.08	WERNER SCHNABEL	GER	2016	3:36.13	DAVE NOBLE	USA	2023	36.24	ILO FONSECA	BRA	2015
13:00.48	TONY RALPHS	USA	2023	3:38.71	KAIZO YAMAMOTO	JPN	2018	36.40	JAMES EUBANK	USA	2000
13:08.69	SALVATORE DEIANA	ITA	2023	3:38.92	BELA FABIAN	HUN	2017	100 M. FREE			
13:10.59	TOSABURO HOSOKAWA	JPN	2015	3:39.82	HANS REICHELT	GER	2017	1:22.25	TOHRU FURUKAWA	JPN	2023
13:13.51	JOAQUIN CANALES	ESP	2020	3:42.00	GERSHON SHEFA	ISR	2023	1:22.55	HIROSHI MATSUMOTO	JPN	2021
1500 M. FREE				3:42.84	MASAMI SHIGETA	JPN	2016	1:23.25	FRANK PIEMME	USA	2010
22:16.90	DAVID RADCLIFF	USA	2014	3:43.82	TSUTOMU KAJIHARA	JPN	2014	1:23.52	KEIJIRO NAKAMURA	JPN	2008
23:40.94	MASATO YOSHINO	JPN	2018	50 M. FLY				1:23.87	JIM EUBANK	USA	2001
24:40.69	GIULIO DIVANO	ITA	2011	34.39	RICHARD BURNS	USA	2023	1:24.00	JEFF FARRELL	USA	2022
24:48.93	TONY RALPHS	USA	2023	34.75	HIROSHI MATSUMOTO	JPN	2016	1:24.51	ROD BAKER	AUS	2013
25:03.24	WERNER SCHNABEL	GER	2016	36.73	RUDOLF SMERDA	CZE	2023	1:25.38	WERNER SCHNABEL	GER	2021
25:08.34	GERHARD HOLE	GER	2015	37.31	YASUTAKA KOIKE	JPN	2023	1:25.48	GRAHAM JOHNSTON	USA	2016
25:08.56	TOSABURO HOSOKAWA	JPN	2015	37.36	NEIL MACKINNON	GBR	2023	1:26.03	DAVID RADCLIFF	USA	2019
25:10.41	GRAHAM JOHNSTON	USA	2011	37.65	HELMUT RICHTER	GER	2019	200 M. FREE			
25:37.37	HIROYUKI ONO	JPN	2022	37.90	AKIRA TAKAKURA	JPN	2022	3:03.50	ROBERTO ALBERICHE	ESP	2017
25:56.39	GUNTER KALLENBACH	GER	2022	38.05	TAKASHI HAYASHI	JPN	2013	3:07.03	GRAHAM JOHNSTON	USA	2016
50 M. BACK				38.65	ROBERT PILGER	USA	2023	3:10.33	MASATO YOSHINO	JPN	2023
36.83	RICHARD BURNS	USA	2023	38.69	JOAQUIN CANALES	ESP	2020	3:10.45	DAVID RADCLIFF	USA	2019
38.16	S.SEKIKAWA	JPN	2013	100 M. FLY				3:12.15	H.TAKAHASHI	JPN	2022
38.41	KEIJIRO NAKAMURA	JPN	2003	1:29.39	GIULIO DIVANO	ITA	2011	3:12.41	WERNER SCHNABEL	GER	2021
39.18	AKIHIKO YABE	JPN	2019	1:32.54	RICHARD BURNS	USA	2023	3:13.11	IKURO SHIMONO	JPN	2022
39.18	YOSHI OYAKAWA	USA	2015	1:33.56	RUDOLF SMERDA	CZE	2023	3:13.78	HIKOJI UEKI	JPN	2000
39.19	JOZSEF CSIKANY	HUN	2023	1:34.18	TAKASHI HAYASHI	JPN	2013	3:16.11	HIROSHI MATSUMOTO	JPN	2022
39.71	BERND HORSTMANN	GER	2023	1:35.34	YASUTAKA KOIKE	JPN	2023	3:16.32	JOSEPH KLIGMAN	ISR	2023
39.91	TAISUKE MIYAZAKI	JPN	2019	1:37.80	AKIRA TAKAKURA	JPN	2023	400 M. FREE			
40.00	JAMES HUGHES	RSA	2023	1:38.45	DAVID COSTILL	USA	2017	6:38.87	GRAHAM JOHNSTON	USA	2016
40.02	YURY MARENKOV	RUS	2023	1:39.15	MASARU SHINKAI	JPN	2020	6:42.69	DAVID RADCLIFF	USA	2019
100 M. BACK				1:40.42	DAVID MCLACHLAN	RSA	2017	6:56.89	FRED DE BRUIJN	ESP	2023
1:22.06	RICHARD BURNS	USA	2023	1:40.55	WILLIAM LETCH	GBR	2020	6:59.51	KATSURA SUZUKI	JPN	2016
1:26.31	JOZSEF CSIKANY	HUN	2023	200 M. FLY				7:02.33	ROD BAKER	AUS	2013
1:26.44	S.SEKIKAWA	JPN	2013	3:31.42	GIULIO DIVANO	ITA	2011	7:02.50	WERNER SCHNABEL	GER	2022
1:26.87	BERND HORSTMANN	GER	2023	3:38.95	TAKASHI HAYASHI	JPN	2013	7:03.07	FRANK PIEMME	USA	2010
1:26.97	KEIJIRO NAKAMURA	JPN	2003	3:48.20	RUDOLF SMERDA	CZE	2023	7:05.53	HIKOJI UEKI	JPN	2000
1:29.06	DAVID COSTILL	USA	2017	3:48.35	DAVID MCLACHLAN	RSA	2017	7:06.36	WILLARD LAMB	USA	2008
1:31.10	CLARKE MITCHELL	USA	2013	3:54.46	DAVE NOBLE	USA	2023	7:11.40	JOSEPH KLIGMAN	ISR	2023
1:31.14	MARTY MENNEN	USA	2016	3:54.51	THOMAS MAINE	USA	2006	800 M. FREE			
1:31.29	GERSHON SHEFA	ISR	2023	3:56.21	POMPILIO NETO	BRA	2022	13:56.29	DAVID RADCLIFF	USA	2019
1:32.84	BURWELL JONES	USA	2014	3:56.81	IRA RIMERMAN	USA	2018	14:18.23	FRED DE BRUIJN	ESP	2023
200 M. BACK				3:57.15	DAVID CUMMING	GBR	2019	14:23.39	GRAHAM JOHNSTON	USA	2016
3:04.59	RICHARD BURNS	USA	2023	3:57.83	JOHN COCKS	AUS	2019	14:36.90	WILLARD LAMB	USA	2008
3:11.43	JOZSEF CSIKANY	HUN	2023	200 M. I.M.				14:39.80	KATSURA SUZUKI	JPN	2016
3:12.84	BERND HORSTMANN	GER	2022	3:15.52	RICHARD BURNS	USA	2023	14:43.80	ROD BAKER	AUS	2013
3:15.04	DAVID COSTILL	USA	2017	3:18.88	MASARU SHINKAI	JPN	2021	14:43.81	FRANK PIEMME	USA	2010
3:16.22	BURWELL JONES	USA	2013	3:20.65	GIULIO DIVANO	ITA	2011	14:56.28	WERNER SCHNABEL	GER	2022
3:16.82	KEIJIRO NAKAMURA	JPN	2004	3:20.69	GERSHON SHEFA	ISR	2023	14:57.37	JOSEPH KLIGMAN	ISR	2023
3:23.94	KARL DONGHUE	CAN	2020	3:23.31	IKURO SHIMONO	JPN	2017	15:11.24	D.CASOLINO	ITA	2012
3:24.35	GERHARD HOLE	GER	2015	3:24.82	DAVID COSTILL	USA	2017	1500 M. FREE			
3:24.65	JAMES HUGHES	RSA	2023	3:26.02	JOHN C DAY	USA	2021	26:18.37	DAVID RADCLIFF	USA	2019
3:25.44	MARTY MENNEN	USA	2016	3:26.78	BELA FABIAN	HUN	2017	27:47.91	FRED DE BRUIJN	ESP	2023
50 M. BRST				3:27.46	JOHN COCKS	AUS	2016	27:47.93	KATSURA SUZUKI	JPN	2016
41.68	TOSHIO TAJIMA	JPN	2006	3:27.60	ED REED	USA	2023	27:50.01	GRAHAM JOHNSTON	USA	2016
41.86	ANTONIO ORSELLI	BRA	2023	400 M. I.M.				28:35.24	WILLARD LAMB	USA	2008
42.12	MIKHAIL FARAFONOV	RUS	2017	7:12.03	MASARU SHINKAI	JPN	2021	29:00.17	ROD BAKER	AUS	2013
42.21	BELA FABIAN	HUN	2017	7:12.63	GIULIO DIVANO	ITA	2011	29:12.85	JURGEN SCHMIDT	USA	2008
42.52	TATSUO ASAI	JPN	2020	7:17.96	DAVID COSTILL	USA	2017	29:29.44	ROBERT BEACH	USA	2015
42.84	MIKE R FRESHLEY	USA	2021	7:31.80	JOHN COCKS	AUS	2018	29:40.04	D.LEATHERBARROW	GBR	2023

WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)



Table listing swimming records with columns for time, athlete name, country, and year. The data is organized into columns, with some rows having multiple entries for different years or events.



**WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)**



50 M. BRST		*****	2:31.61 KAZUNAGA AKUTSU	JPN	2007
50.71 TOSHIO TAJIMA	JPN	2015	M E N 95-99		
53.91 PATRICK GALVIN	AUS	2023	*****		
55.52 KARL HAUTER	GER	2016	50 M. FREE		
56.75 BOB BEST	USA	2022	45.71 WILLARD LAMB	USA	2017
57.20 HIROMU YOSHIMOTO	JPN	2005	47.30 GEORGE CORONES	AUS	2013
58.93 GOTTFRIED KLARING	GER	2020	48.42 ANTON BIEDERMANN	BRA	2019
59.18 GERHARD GIERA	GER	2019	48.66 HIDEKAZU TAMURA	JPN	2015
59.41 HARUO FUKATSU	JPN	2022	52.00 CHARLES RENNER	AUS	2023
1:00.52 C.DE MUNIZAGA	GER	2022	55.88 GUS LANGNER	USA	1998
1:00.75 SEIJI TAKAHASHI	JPN	2005	56.87 CHINA JOHNSON	AUS	2023
100 M. BRST			56.99 KAZUNAGA AKUTSU	JPN	2007
2:05.18 KARL HAUTER	GER	2015	1:02.27 JAMES TAR	BRA	2019
2:08.04 PATRICK GALVIN	AUS	2023	1:03.14 JARING TIMMERMAN	CAN	2005
2:15.43 HIROMU YOSHIMOTO	JPN	2005	100 M. FREE		
2:20.73 H.REITEMEYER	GER	2011	1:47.59 WILLARD LAMB	USA	2017
2:21.22 HARUO FUKATSU	JPN	2022	1:57.54 GEORGE CORONES	AUS	2013
2:21.85 BOB BEST	USA	2022	2:06.00 ANTON BIEDERMANN	BRA	2019
2:23.53 RAYMOND HAKOMAKI	USA	2010	2:15.49 CHARLES RENNER	AUS	2023
2:25.30 C.DE MUNIZAGA	GER	2022	2:17.59 KAZUNAGA AKUTSU	JPN	2007
2:28.24 BRUD CLEAVELAND	USA	2007	2:23.76 JAMES TAR	BRA	2019
2:28.49 GOTTFRIED KLARING	GER	2023	2:29.32 GUS LANGNER	USA	1998
200 M. BRST			2:31.44 JARING TIMMERMAN	CAN	2005
4:41.26 KARL HAUTER	GER	2017	2:35.95 K.MROWCZYNSKI	POL	2017
4:59.25 PATRICK GALVIN	AUS	2023	2:37.12 DONALD HUBBARD	USA	2023
5:12.25 THOMAS MAINE	USA	2015	200 M. FREE		
5:17.47 HIROMU YOSHIMOTO	JPN	2005	4:04.60 WILLARD LAMB	USA	2017
5:26.11 GEORGE CORONES	AUS	2009	5:13.23 GUS LANGNER	USA	1998
5:26.75 H.REITEMEYER	GER	2011	5:36.99 K.MROWCZYNSKI	POL	2017
5:35.18 MASAHISA KANEKO	JPN	2002	5:47.82 FRANK GRANNIS	USA	2019
5:42.50 G.CHIZHEVSKIY	UKR	2016	5:54.24 JUAN FRANCISCO	ESP	2022
5:46.62 DENZO WAKAYAMA	JPN	2015	5:54.84 JAMES TAR	BRA	2019
5:49.32 BELA BANKI	HUN	2010	5:56.17 JARING TIMMERMAN	CAN	2005
50 M. FLY			5:58.59 HORVATH BANKI	HUN	2015
54.13 C.DE MUNIZAGA	GER	2022	6:21.53 HUGH MCGREGOR	CAN	2014
56.82 CURT-HEINZ ZEISS	GER	2023	6:28.25 BUD JACKSON	USA	2014
1:00.30 WALTER PFEIFER	USA	2003	400 M. FREE		
1:03.95 FRANK GRANNIS	USA	2014	8:43.18 WILLARD LAMB	USA	2017
1:05.38 JAN ZIEGLER	CZE	2015	11:30.53 GUS LANGNER	USA	1998
1:05.95 ANDREW HOLDEN	USA	2009	11:46.98 JUAN FRANCISCO	ESP	2022
1:09.14 THOMAS MAINE	USA	2015	12:10.95 K.MROWCZYNSKI	POL	2017
1:10.34 HEINZ SIEGEL	GER	2004	12:11.73 HORVATH BANKI	HUN	2015
1:10.59 GUILHERME SILVA	BRA	2019	13:16.38 JAMES TAR	BRA	2019
1:11.54 R.REINSTADTLER	GER	2002	13:19.19 HUGH MCGREGOR	CAN	2014
100 M. FLY			13:43.10 GARY WEISENTHAL	USA	2008
2:23.56 THOMAS MAINE	USA	2015	19:15.56 WERNER KELLER	SUI	2019
2:31.03 WALTER PFEIFER	USA	2003	19:16.97 JACK MATHIESON	AUS	2012
2:38.92 KARL HAUTER	GER	2015	800 M. FREE		
2:46.91 ALDO CAPUTI	ITA	2005	17:42.57 WILLARD LAMB	USA	2017
2:49.34 FRANK GRANNIS	USA	2014	22:28.28 GUS LANGNER	USA	1998
3:29.53 JESSE COON	USA	2000	22:52.21 JUAN FRANCISCO	ESP	2022
4:11.06 ROBERT DOUD	USA	2014	24:21.10 HORVATH BANKI	HUN	2015
200 M. FLY			27:57.44 JAMES TAR	BRA	2019
5:19.18 THOMAS MAINE	USA	2015	28:18.13 GARY WEISENTHAL	USA	2008
5:51.79 WALTER PFEIFER	USA	2003	28:40.69 HUGH MCGREGOR	CAN	2014
6:05.42 ALDO CAPUTI	ITA	2005	42:55.70 JACK MATHIESON	AUS	2012
8:22.48 JESSE COON	USA	2000	1500 M. FREE		
9:44.64 ROBERT DOUD	USA	2013	33:39.77 WILLARD LAMB	USA	2017
200 M. I.M.			47:30.40 GUS LANGNER	USA	1999
4:27.72 KARL HAUTER	GER	2015	82:25.34 JACK MATHIESON	AUS	2012
4:35.62 THOMAS MAINE	USA	2015	50 M. BACK		
4:51.03 JAN ZIEGLER	CZE	2015	55.90 ANTON BIEDERMANN	BRA	2019
5:02.64 TOKUSHI KOMEDA	JPN	2004	58.63 WILLARD LAMB	USA	2017
5:08.02 FRANK GRANNIS	USA	2014	1:01.61 TOSHIJI SATO	JPN	2010
5:12.11 WALTER PFEIFER	USA	2003	1:02.35 B.BANKI-HORVATH	HUN	2015
5:39.42 CHRIS SMITH	CAN	2022	1:02.92 KAROL ZEMIER	POL	2017
5:43.35 ALDO CAPUTI	ITA	2005	1:03.32 KAZUNAGA AKUTSU	JPN	2007
6:10.88 JOHN HARRISON	GBR	2005	1:06.60 CHARLES RENNER	AUS	2023
6:25.78 JESSE COON	USA	2000	1:07.47 ALFRED SCHULHOF	CAN	2014
400 M. I.M.			1:09.70 CHINA JOHNSON	AUS	2023
9:56.43 THOMAS MAINE	USA	2015	1:10.06 NORI YAMAMOTO	JPN	2005
11:19.91 WALTER PFEIFER	USA	2003	100 M. BACK		
13:52.72 JESSE COON	USA	2000	2:11.19 WILLARD LAMB	USA	2017
17:53.58 ROBERT DOUD	USA	2013	2:15.18 ANTON BIEDERMANN	BRA	2019
			2:22.83 TOSHIJI SATO	JPN	2010
			*****		
			M E N 100-104		
			*****		
			50 M. FREE		
			56.12 GEORGE CORONES	AUS	2018
			57.42 WILLARD J LAMB	USA	2022
			1:31.19 JOHN HARRISON	GBR	2014

# WORLD AQUATICS MASTERS TOP10 - LONG COURSE METERS - ALL TIME (1986-2023)



1:40.46	TOM LANE	USA	1994
1:47.82	JEAN LEEMPUT	FRA	2015
2:15.51	HANS HAHN	GER	2008
3:22.65	EDWIN THOMAS	USA	1994
100 M.	FREE		
2:15.99	WILLARD J LAMB	USA	2022
2:24.21	GEORGE CORONES	AUS	2018
3:23.10	JOHN HARRISON	GBR	2014
4:05.98	TOM LANE	USA	1994
200 M.	FREE		
5:18.86	WILLARD J LAMB	USA	2022
400 M.	FREE		
10:55.25	WILLARD J LAMB	USA	2022
800 M.	FREE		
22:15.67	WILLARD J LAMB	USA	2022
1500 M.	FREE		
42:27.06	WILLARD J LAMB	USA	2022
50 M.	BACK		
1:09.17	WILLARD J LAMB	USA	2022
1:29.13	JEAN LEEMPUT	FRA	2014
1:32.20	JOHN HARRISON	GBR	2014
1:50.73	TOM LANE	USA	1994
2:25.23	HANS HAHN	GER	2008
100 M.	BACK		
2:29.17	WILLARD J LAMB	USA	2022
4:13.84	TOM LANE	USA	1994
6:01.50	HANS HAHN	GER	2008
200 M.	BACK		
5:12.53	WILLARD J LAMB	USA	2022
9:04.31	TOM LANE	USA	1994