

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



*****		28.45	G.WOJTOWICZ	POL 2022	59.65	MARIA UGOLKOVA	SUI 2018
WOMEN 25-29		28.51	KATIE LATHAM	GBR 2022	1:00.13	ANNA POLYAKOVA	RUS 2015
*****		28.53	LAURENCE FEDRIGO	SUI 2018	1:00.18	YUKO NAKANISHI	JPN 2010
50	M. FREE	28.71	LAUREN QUIGLEY	GBR 2023	1:00.24	EMMA GAGE	GBR 2015
24.01	ANNA HOPKIN	28.72	MASAKO KUROKI	JPN 2021	1:00.80	ELINORE DE JONG	NED 2017
24.73	AMY SMITH	100	M. BACK		1:00.93	NADINE JONES	AUS 2014
24.94	ISABELLA HINDLEY	1:00.63	YURIE OGA	JPN 2015	1:01.00	JENNIFER THATER	GER 2018
25.00	M.LETANG	1:01.23	G.WOJTOWICZ	POL 2022	200	M. FLY	
25.03	ANHELINA LYPINSKA	1:01.65	OLGA KLYUCHINKOVA	RUS 2014	2:09.64	YUKO NAKANISHI	JPN 2010
25.09	EMMA GAGE	1:01.76	MARINA SPADONI	USA 2018	2:16.37	MASAKO KUROKI	JPN 2019
25.29	JENNIFER THATER	1:01.93	MARIA UGOLKOVA	SUI 2018	2:17.11	LISA STAMM	GER 2017
25.42	SUMIKA KOMATSU	1:02.07	MASAKO KUROKI	JPN 2018	2:17.13	S. PALMER-WHITE	AUS 1991
25.52	L.LOPEZ	1:02.23	JOHANNA ROAS	GER 2022	2:17.19	HITOMI MATSUDA	JPN 2006
25.53	NATHALIE LARSSON	1:02.32	AKIKO MIZUMOTO	JPN 2007	2:17.26	ANNA MARKOVA	RUS 2014
100	M. FREE	1:02.35	VALENTINA CATANIA	ITA 2023	2:17.30	ANNA POLYAKOVA	RUS 2015
52.46	ANNA HOPKIN	1:02.43	LAUREN QUIGLEY	GBR 2023	2:17.83	CLAIRE DONAHUE	USA 2015
54.16	AMY SMITH	200	M. BACK		2:17.87	SABRINA MARZAHN	GER 2016
54.44	YAYOI MATSUMOTO	2:10.37	TESSA VERMEULEN	NED 2023	2:18.16	SITA KUSSEROW	GER 2019
54.53	EMMA GAGE	2:12.84	KANA OHASHI	JPN 2005	100	M. I.M.	
54.92	MARJOLEIN DELNO	2:13.00	K.BARANOWSKA	GER 2015	1:01.79	MASAKO KUROKI	JPN 2019
55.06	L.LOPEZ	2:14.77	LIA OBERSTAR	USA 2001	1:02.17	MARIA UGOLKOVA	SUI 2018
55.28	MARIA FUSTER	2:15.67	VALENTINA LUCCONI	ITA 2017	1:02.29	PETRA CHOCOVA	CZE 2014
55.28	HANNA SHCHERBA	2:16.29	ERIN CAMPBELL	USA 2013	1:03.41	MEGAN JENDRICK	USA 2011
55.32	NADINE JONES	2:16.35	LAUREN LAVIGNA	CAN 2014	1:03.62	A.LYAZEVA	RUS 2021
55.57	ISABELLA HINDLEY	2:16.45	MARION ZOLLER	GER 1995	1:03.67	HITOMI MATSUDA	JPN 2005
200	M. FREE	2:16.59	THERESE SVENDSEN	SWE 2016	1:03.72	AVA OHLGREN	ESP 2016
1:57.99	TESSA VERMEULEN	2:17.40	CRISTINA MARDONES	ESP 2023	1:03.79	ALISA RIEBENSAHM	GER 2018
1:59.39	L.LOPEZ	50	M. BRST		1:04.01	MARINA SPADONI	USA 2018
1:59.61	YAYOI MATSUMOTO	30.50	PETRA CHOCOVA	CZE 2014	1:04.06	ANNA KUZMICHEVA	RUS 2015
1:59.78	SHEILA TAORMINA	30.69	YUKI TAKASAKI	JPN 2023	200	M. I.M.	
2:01.89	CAROLINE SAXBY	30.91	LAURA KINLEY	GBR 2022	2:17.17	HITOMI MATSUDA	JPN 2006
2:02.42	CHELSEA COLWILL	31.01	ANNA KUZMICHEVA	RUS 2015	2:17.35	ERIKO KATO	JPN 2009
2:02.50	TATIANA BARBOSA	31.59	NICOLE HEIDEMANN	GER 2011	2:17.51	MASAKO KUROKI	JPN 2018
2:02.91	VERONICA BALSANO	31.66	KATHRYN JOHNSTONE	GBR 2019	2:17.54	ANNA MARKOVA	RUS 2014
2:03.77	ELINORE DE JONG	31.85	M.JEAN-LACHAPELLE	CAN 2019	2:18.23	YUI FUSEYA	JPN 2023
2:04.10	LAURA FERNANDEZ	31.87	MEGAN JENDRICK	USA 2010	2:19.33	LISA STAMM	GER 2017
400	M. FREE	31.92	SUVI PULKKINEN	FIN 2015	2:19.48	CELINE BAILLOD	SUI 2007
4:13.71	TESSA VERMEULEN	31.95	YOSHIMI MIWA	JPN 2012	2:19.52	SOFIA STRIPPOLI	ITA 2019
4:15.74	SOPHIE CASSON	100	M. BRST		2:19.54	VERONICA BALSANO	BRA 2014
4:16.54	A.GUZHENKOVA	1:06.83	PETRA CHOCOVA	CZE 2014	2:20.34	AVA OHLGREN	ESP 2016
4:17.77	FLAVIA RIGAMONTI	1:07.42	KATHRYN JOHNSTONE	GBR 2019	400	M. I.M.	
4:18.20	CAROLINE SAXBY	1:08.67	RACHAEL WILSON	GBR 2016	4:44.98	K.BARANOWSKA	GER 2015
4:18.54	MARION VD BERG	1:09.38	GEORGINA HEYN	GBR 2011	4:51.12	LISA STAMM	GER 2017
4:23.31	ALISA FATUM	1:09.40	ANNA KUZMICHEVA	RUS 2016	4:52.13	HITOMI MATSUDA	JPN 2006
4:24.18	SHEILA TAORMINA	1:09.47	HOSOKOSHI SATORI	JPN 2020	4:52.81	ERIKO KATO	JPN 2009
4:25.00	F.DENGLER-HARLES	1:09.55	SATORI KIKUCHI	JPN 2023	4:55.85	KANA OHASHI	JPN 2006
4:25.58	PAULINE VANET	1:09.63	CHISATO KAMIYAMA	JPN 2023	4:56.01	CELINE BAILLOD	SUI 2008
800	M. FREE	1:09.80	LINDA LUND	DEN 2009	4:56.98	ALESSANDRA CORTES	BRA 1999
8:51.18	SHEILA TAORMINA	1:10.04	MEGAN JENDRICK	USA 2012	4:57.78	VERONICA BALSANO	BRA 2016
8:53.14	C.OESTRINGER	200	M. BRST		4:58.92	LOUISE STEVENSON	AUS 2009
8:57.39	HITOMI MATSUDA	2:28.33	HOSOKOSHI SATORI	JPN 2021	4:59.20	AVA OHLGREN	ESP 2016
8:57.67	SUSANNE KELLER	2:29.03	CHISATO KAMIYAMA	JPN 2023	*****		
9:00.84	PAULA WOOD	2:29.45	SATORI KIKUCHI	JPN 2023	WOMEN 30-34		
9:06.61	ALISA FATUM	2:29.80	MEGAN JENDRICK	USA 2012	*****		
9:07.19	S. PALMER-WHITE	2:30.29	KATIE HENDERSON	GBR 2009	50	M. FREE	
9:07.78	ANNA MARKOVA	2:30.52	PETRA CHOCOVA	CZE 2015	24.30	REBECCA GUY	GBR 2023
9:08.09	MARIE ATKINSON	2:30.83	CHISATO FUJISIMA	JPN 2020	25.05	ERICA MORNINGSTAR	CAN 2023
9:10.85	LAURA LAJUNEN	2:31.18	HITOMI MATSUDA	JPN 2006	25.17	S.KNYAGINIA	RUS 2014
1500	M. FREE	2:31.30	KATHRYN JOHNSTONE	GBR 2019	25.30	GRACIELE HERRMANN	PAR 2022
16:13.66	ISABELLE HARLE	2:31.44	GEORGINA HEYN	GBR 2011	25.57	SUMIKA KOMATSU	JPN 2009
16:36.07	SHEILA TAORMINA	50	M. FLY		25.64	METTE JACOBSEN	DEN 2006
16:47.66	SUSANNE KELLER	26.14	ELINORE DE JONG	NED 2018	25.66	HANNAH KEEN	GBR 2019
17:00.63	HITOMI MATSUDA	26.30	MASAKO IDA	JPN 2022	25.66	TATIANA BARBOSA	BRA 2008
17:15.68	LENKA PAVLACKA	26.31	CLAIRE DONAHUE	USA 2015	25.69	ERIKA ERNDL	USA 2012
17:16.61	LAURA LAJUNEN	26.71	MASAKO KUROKI	JPN 2021	25.77	HANNAH CALDAS	USA 2011
17:19.93	ALLISON ARNOLD	27.08	NADINE JONES	AUS 2014	100	M. FREE	
17:20.28	MELODY REMNANT	27.11	M.LETANG	FRA 2020	54.75	ERIKA ERNDL	USA 2012
17:24.96	PAULA WOOD	27.14	MOTOMI NAKAMURA	JPN 2013	55.03	MARIA UGOLKOVA	SUI 2019
17:25.08	KATIE KASTES	27.16	A.LYAZEVA	RUS 2021	55.11	ALENA POPCHANKA	FRA 2009
50	M. BACK	27.20	AMY SMITH	GBR 2013	55.59	TATIANA BARBOSA	BRA 2008
27.88	YURIE OGA	27.24	L.LOPEZ	USA 2017	56.29	ARA BERGILLOS	USA 2016
28.06	MIKA IKEDA	100	M. FLY		56.32	HANNAH CALDAS	USA 2011
28.10	GEORGINA PRYOR	58.11	CLAIRE DONAHUE	USA 2015	56.41	METTE JACOBSEN	DEN 2006
28.38	EMMA SCOBIE	58.98	GEORGINA PRYOR	GBR 2023	56.48	PASCALE VERBAUWEN	BEL 1993
28.40	MARINA SPADONI	59.50	MASAKO KUROKI	JPN 2021			

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



56.49	HITOMI MATSUDA	JPN	2010	2:17.33	ROBERTA IOPPI	ITA	2016	1:02.55	HITOMI MATSUDA	JPN	2010
56.73	VERONICA BALSANO	BRA	2019	2:17.93	RACHAEL KEIR	GBR	2016	1:02.82	MASAKO IDA	JPN	2023
200 M. FREE				2:18.19	JOANNA CORBEN	GBR	2002	1:02.89	THERESA MICHALAK	USA	2022
2:00.73	VERONICA BALSANO	BRA	2018	2:18.90	LYDIA VERO	ESP	2021	1:03.31	PETRA CHOCOVA	CZE	2016
2:02.03	SOPHIE CASSON	GBR	2017	50 M. BRST				1:03.37	HANNAH CARON	USA	2023
2:02.60	HITOMI MATSUDA	JPN	2010	31.02	PETRA CHOCOVA	CZE	2016	1:03.94	SOPHIE TURBAN	FRA	2017
2:03.91	CAROLINE SAXBY	GBR	2013	31.12	BRITTA STEVENS	GER	2003	200 M. I.M.			
2:04.64	K.PIPES-NEILSEN	USA	1996	31.35	NICOLE HEIDEMANN	GER	2015	2:13.41	HITOMI MATSUDA	JPN	2009
2:04.65	CHELSEA B NAUTA	USA	2021	31.59	ERICA MORNINGSTAR	CAN	2023	2:16.52	SOPHIE TURBAN	FRA	2016
2:04.98	LYNN MARSHALL	CAN	1991	31.71	HITOMI MATSUDA	JPN	2010	2:17.01	N.VINOKURENKOVA	RUS	2014
2:05.19	RACHAEL KEIR	GBR	2016	31.73	GEORGINA HEYN	GBR	2018	2:18.79	K.PIPES-NEILSEN	USA	1996
2:05.68	BETTINA MERKLE	GER	2019	31.86	VITALINA SIMONOVA	RUS	2023	2:18.89	WENKE HANSEN	USA	2000
2:05.69	LEONIE VAN NOORT	NED	2023	32.13	N.VINOKURENKOVA	RUS	2013	2:18.99	VERONICA BALSANO	BRA	2019
400 M. FREE				32.17	HANNAH CALDAS	USA	2011	2:19.07	KANA YAMAGUCHI	JPN	2010
4:14.56	SOPHIE CASSON	GBR	2017	32.24	SUVI PULKKINEN	FIN	2018	2:21.22	P.GONZALEZ MEGIA	ESP	2023
4:17.82	DAWN HECKMAN	USA	2011	100 M. BRST				2:21.23	MARISSA CLAPP	USA	2017
4:18.86	HITOMI MATSUDA	JPN	2010	1:06.98	HITOMI MATSUDA	JPN	2010	2:21.37	ASAMI KITAGAWA	JPN	2018
4:20.26	BROOKE BENNETT	USA	2012	1:07.63	VITALINA SIMONOVA	RUS	2023	400 M. I.M.			
4:21.80	CAROLINE SAXBY	GBR	2013	1:08.46	PETRA CHOCOVA	CZE	2016	4:45.07	HITOMI MATSUDA	JPN	2010
4:22.63	VERONICA BALSANO	BRA	2018	1:09.25	NICOLE HEIDEMANN	GER	2016	4:50.66	N.VINOKURENKOVA	RUS	2014
4:22.70	K.PIPES-NEILSEN	USA	1996	1:09.30	GEORGINA HEYN	GBR	2017	4:51.23	CHELSEA B NAUTA	USA	2019
4:22.75	YWETTA HLAVACOVA	CZE	2006	1:09.58	N.VINOKURENKOVA	RUS	2013	4:51.33	HIDEKO HIRANAKA	JPN	2004
4:22.77	ERIKA HANSEN	USA	2003	1:10.00	WENKE HANSEN	USA	2000	4:53.69	VERONICA BALSANO	BRA	2021
4:23.81	CHIHIRO KOGA	JPN	2022	1:10.75	SOPHIE TURBAN	FRA	2017	4:53.85	K.PIPES-NEILSEN	USA	1996
800 M. FREE				1:11.33	SUSANNE HOCK	GER	2015	4:54.95	MARISSA CLAPP	USA	2017
8:38.58	DAWN HECKMAN	USA	2011	1:11.47	KATHRYN GILL	GBR	2019	4:55.62	KANA YAMAGUCHI	JPN	2010
8:42.57	SOPHIE CASSON	GBR	2017	200 M. BRST				4:58.16	KANA OHASHI	JPN	2009
8:53.61	BROOKE BENNETT	USA	2012	2:25.91	VITALINA SIMONOVA	RUS	2023	4:58.66	MAREN SPIETZACK	GER	2018
8:54.86	HITOMI MATSUDA	JPN	2010	2:26.96	HITOMI MATSUDA	JPN	2009	*****			
9:01.21	KIRSTEN CAMERON	NZL	2007	2:30.65	WENKE HANSEN	USA	2000	WOMEN 35-39			
9:06.49	ERIKA HANSEN	USA	2003	2:32.71	GEORGINA HEYN	GBR	2018	*****			
9:08.32	LYNN MARSHALL	CAN	1993	2:32.78	NICOLE HEIDEMANN	GER	2016	50 M. FREE			
9:08.34	K.PIPES-NEILSEN	USA	1996	2:33.57	N.VINOKURENKOVA	RUS	2014	25.10	DARA TORRES	USA	2006
9:11.69	RACHAEL KEIR	GBR	2016	2:33.63	ADELINÉ THENOT	FRA	2022	25.82	SANDRA KAZIKOVA	CZE	2011
9:14.03	ASA NEIJ	SWE	2004	2:33.94	PETRA CHOCOVA	CZE	2016	25.91	OLESYA BOUROVA	ITA	2015
1500 M. FREE				2:34.30	P.GONZALEZ MEGIA	ESP	2023	25.93	IRINA SHLEMOVA	RUS	2023
16:26.93	DAWN HECKMAN	USA	2011	2:35.00	KATHRYN GILL	GBR	2019	25.93	JOHANNA SJOBERG	SWE	2016
17:01.56	KIRSTEN CAMERON	NZL	2007	50 M. FLY				26.05	M.VALKO	USA	2011
17:02.39	SOPHIE CASSON	GBR	2018	26.67	MASAKO IDA	JPN	2023	26.11	CLAIRE VILSHED	SWE	2018
17:13.38	HITOMI MATSUDA	JPN	2007	26.70	MARIA UGOLKOVA	SUI	2019	26.13	S.NEILSON-BELL	USA	1995
17:16.22	CATHERINE BREED	USA	2023	26.77	REBECCA GUY	GBR	2023	26.18	KATJA OTTO	GER	2019
17:18.98	MATSUSHITA AYAKA	JPN	2023	26.79	MARTINA MORAVCOVA	USA	2006	26.22	LAURA ROCA	ESP	2016
17:21.99	LYNN MARSHALL	CAN	1992	27.08	YUKA KATO	JPN	2016	100 M. FREE			
17:23.60	KAREN BURTON	USA	1994	27.08	S.KNYAGINIA	RUS	2014	54.95	DARA TORRES	USA	2006
17:25.33	BROOKE BENNETT	USA	2011	27.30	IRINA SHLEMOVA	RUS	2016	57.12	LAURA ROCA	ESP	2015
17:33.66	KELLY HIGGINS	AUS	2011	27.53	HANNAH CARON	USA	2023	57.48	ZOE CRAY	GBR	2010
50 M. BACK				27.68	A.LYAZEVA	RUS	2023	57.60	HITOMI MATSUDA	JPN	2014
27.43	MAI NAKAMURA	JPN	2009	27.81	METTE JACOBSEN	DEN	2006	57.65	K.PIPES-NEILSEN	USA	2000
27.61	NORIKO INADA	USA	2009	100 M. FLY				57.77	VERONICA BALSANO	BRA	2023
28.95	CARLA STAMPFLI	SUI	2016	59.08	MARIA UGOLKOVA	SUI	2019	57.79	KARIN SEICK	GER	1996
28.97	C.BERTONCELLO	ARG	2023	59.11	MARTINA MORAVCOVA	USA	2006	57.80	ELISABETH PHARR	FRA	2019
28.99	METTE JACOBSEN	DEN	2006	59.82	ANNA POLYAKOVA	RUS	2016	57.84	MARIETTA UHLE	GER	2018
29.28	ALENA NYVITOVA	CZE	2013	1:00.11	METTE JACOBSEN	DEN	2006	57.94	R.CRESCENTINI	ITA	2014
29.30	S.CARTAPANI	ITA	2023	1:00.34	ERIKA ERNDL	USA	2012	200 M. FREE			
29.33	YURIE OGA	JPN	2023	1:00.35	HITOMI MATSUDA	JPN	2008	2:02.89	VERONICA BALSANO	PAR	2023
29.37	NATASHA SUNDIN	SWE	2020	1:01.14	MASAKO IDA	JPN	2023	2:03.12	HITOMI MATSUDA	JPN	2012
29.41	RYO SAWADA	JPN	2019	1:01.19	CLAUDIA BECK	GER	2011	2:03.56	K.PIPES-NEILSEN	USA	1997
100 M. BACK				1:01.66	KENDRA CHERNOFF	CAN	2023	2:04.92	LAURA ROCA	ESP	2015
59.53	NORIKO INADA	USA	2009	1:01.83	S.TURBAN	FRA	2017	2:05.07	SOPHIE CASSON	GBR	2020
1:00.90	KANA YAMAGUCHI	JPN	2010	200 M. FLY				2:05.70	KIRSTEN CAMERON	NZL	2010
1:02.23	CARLA STAMPFLI	SUI	2016	2:13.09	HITOMI MATSUDA	JPN	2008	2:06.18	LAUREEN WELTING	USA	2000
1:02.26	MARIA UGOLKOVA	SUI	2019	2:18.41	VERONICA BALSANO	BRA	2018	2:06.68	E.CHAMBON-PHARR	FRA	2018
1:02.55	YURIE OGA	JPN	2023	2:19.34	LAURA BIANZANI	ITA	2004	2:06.86	JILL HERNANDEZ	USA	1999
1:02.88	METTE JACOBSEN	DEN	2006	2:19.34	KATRINA RADKE	USA	2003	2:06.96	D GRANER GALLAS	USA	1999
1:03.15	VERONICA NERI	ITA	2023	2:19.64	K.PIPES-NEILSEN	USA	1996	400 M. FREE			
1:03.33	C.BERTONCELLO	ARG	2023	2:20.41	L. CARVALHO	AUS	2011	4:19.96	SOPHIE CASSON	GBR	2023
1:03.36	K.PIPES-NEILSEN	USA	1996	2:20.53	T.BENISON	CAN	2018	4:22.56	K.PIPES-NEILSEN	USA	1999
1:03.42	KATHARINA FISCHER	GER	2022	2:21.21	FLORENCE CIOTTI	ITA	2006	4:23.74	VERONICA BALSANO	PAR	2023
200 M. BACK				2:21.70	EBBA ROSENQUIST	SWE	2019	4:24.56	LAUREEN WELTING	USA	2000
2:11.86	KANA YAMAGUCHI	JPN	2012	2:21.85	VIKTORIA FELFOLDI	HUN	2019	4:25.52	CINDY BERTELINK	CAN	2013
2:12.47	L.OBERSTAR-BROWN	USA	2008	100 M. I.M.				4:26.00	HITOMI MATSUDA	JPN	2012
2:13.51	K.PIPES-NEILSEN	USA	1996	1:01.53	MARIA UGOLKOVA	SUI	2019	4:26.57	JILL HERNANDEZ	USA	1999
2:13.97	SOPHIE CASSON	GBR	2017	1:02.07	MARTINA MORAVCOVA	USA	2006	4:27.62	VALERIA VERGANI	ITA	2006
2:16.61	C.FERREIRA	USA	2017	1:02.15	ERICA MORNINGSTAR	CAN	2023	4:28.12	MAREN SPIETZACK	GER	2022
2:17.04	CARLA STAMPFLI	SUI	2017	1:02.52	ERIKA ERNDL	USA	2012				

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



4:28.14	CYNTHIA LEWIS	USA	2014	1:11.11	GEORGINA HEYN	GBR	2022	5:02.22	LAUREEN WELTING	USA	2000
800 M. FREE				1:11.65	N.VINOKURENKOVA	RUS	2018	5:04.18	MAREN SPIETZACK	GER	2022
8:50.76	SOPHIE CASSON	GBR	2020	1:11.97	CAROLINE KRATTLI	USA	2000	5:07.20	CAROLINA BENEYTO	ESP	2015
8:57.30	KIRSTEN CAMERON	NZL	2010	200 M. BRST				5:08.03	CYNTHIA LEWIS	USA	2011
8:57.60	HEIDI GEORGE	USA	2015	2:30.63	HITOMI MATSUDA	JPN	2012	5:09.04	CINDY BERTELINK	CAN	2013
9:02.52	HITOMI MATSUDA	JPN	2012	2:32.68	DANIELLE HERRMANN	USA	2022				
9:12.97	ALISON ZAMANIAN	USA	2006	2:33.73	CYNTHIA LEWIS	USA	2014	*****			
9:13.05	ASA NEIJ	SWE	2008	2:34.85	BRITTA O'LEARY	USA	2022	WOMEN 40-44			
9:14.27	LAURIE HUG	USA	2000	2:35.15	NICOLE HEIDEMANN	GER	2017	*****			
9:14.70	EMMA WILLS	GBR	2018	2:36.04	CAROLINE KRATTLI	USA	2000	50 M. FREE			
9:14.92	KRISTINA ULVELING	USA	2008	2:36.27	GEORGINA HEYN	GBR	2019	26.02	ERIKA BRAUN	USA	2014
9:15.40	K PIPES-NEILSEN	USA	1998	2:36.84	YUKO MORITA	JPN	2012	26.28	KATJA OTTO	GER	2021
1500 M. FREE				2:37.09	KJERSTI HERNAES	NOR	2018	26.39	OLESSIA BOUROVA	ITA	2020
16:52.94	HEIDI GEORGE	USA	2015	2:37.13	KATIE GLENN	USA	2015	26.40	MARIKA JOHANSSON	SWE	2008
17:07.48	KIRSTEN CAMERON	NZL	2010	50 M. FLY				26.50	LISA BLACKBURN	USA	2015
17:26.96	EMMA WILLS	GBR	2018	27.29	DANIELLE HERRMANN	USA	2022	26.60	SANDRA KAZIKOVA	CZE	2016
17:27.84	LAURIE HUG	USA	2000	27.45	NORIKO INADA	USA	2015	26.66	SOPHIA SKOU	DEN	2018
17:30.90	HITOMI MATSUDA	JPN	2014	27.69	PETRA WEBER	CZE	2023	26.66	S.NEILSON-BELL	USA	1996
17:35.69	PENNY BOND	AUS	1997	27.76	IRINA SHLEMOVA	RUS	2019	26.67	EDITH OTTERMANN	RSA	2007
17:36.24	K PIPES-NEILSEN	USA	1999	27.83	JOHANNA SJOBERG	SWE	2016	26.69	EKATERINA YUDINA	RUS	2017
17:36.58	KRISTINA ULVELING	USA	2008	27.96	ANNA POLYAKOVA	RUS	2021	100 M. FREE			
17:42.37	ASA NEIJ	SWE	2010	28.14	VICTORIA READING	GBR	2023	57.08	ERIKA BRAUN	USA	2014
17:43.10	BETH KNIGHT	USA	1994	28.15	RINA HATANO	JPN	2021	57.20	LISA BLACKBURN	USA	2015
50 M. BACK				28.21	MANUELA MORANO	ARG	2023	57.55	S.VON DER LIPPE	USA	2008
27.63	NORIKO INADA	USA	2016	28.28	R.CRESCENTINI	ITA	2013	57.60	K PIPES-NEILSEN	USA	2003
28.68	SHERI HART	USA	2009	100 M. FLY				58.18	RAAKEL LUOTO	FIN	2017
28.97	ERI TABELI	JPN	2023	1:01.31	CAROLINA SARRUF	BRA	2021	58.37	JENNIFER MIHALIK	USA	2021
29.00	GISELI PEREIRA	BRA	2009	1:01.88	HITOMI MATSUDA	JPN	2014	58.48	KATJA OTTO	GER	2021
29.34	ZOE CRAY	GBR	2009	1:01.96	DIANE BUI DUYET	FRA	2015	58.61	F.TRAVAGLINI	ITA	2016
29.74	ALISON LAMARE	FRA	2019	1:01.98	DANIELLE HERRMANN	USA	2022	58.70	KATIE GRIER	USA	2019
29.84	KANA OHASHI	JPN	2013	1:02.92	ANNA POLYAKOVA	RUS	2021	58.79	ELISABETH PHARR	FRA	2022
29.85	KELLY M HARRIGAN	USA	2021	1:03.00	ERIKA VILLAEICJA	ESP	2022	200 M. FREE			
29.91	CINDY MABEE	CAN	2008	1:03.07	DEBBIE YOUNGER	CAN	2005	2:05.26	K PIPES-NEILSEN	USA	2003
30.05	VICTORIA READING	GBR	2022	1:03.29	K PIPES-NEILSEN	USA	1997	2:05.55	S.VON DER LIPPE	USA	2008
100 M. BACK				1:03.32	MABI TSUKIOKA	JPN	2014	2:05.90	CINDY BERTELINK	CAN	2016
1:00.43	NORIKO INADA	USA	2017	1:03.35	RINA HATANO	JPN	2021	2:06.81	JILL HERNANDEZ	USA	2000
1:02.36	SHERI HART	USA	2009	200 M. FLY				2:07.37	KATIE GLENN	USA	2018
1:02.81	KANA OHASHI	JPN	2013	2:14.46	CAROLINA SARRUF	BRA	2021	2:07.64	KIRSTEN CAMERON	GBR	2014
1:03.11	GISELI PEREIRA	BRA	2009	2:16.67	HITOMI MATSUDA	JPN	2012	2:08.30	VALERIA VERGANI	ITA	2013
1:03.38	ZOE CRAY	GBR	2009	2:18.41	K PIPES-NEILSEN	USA	1997	2:09.10	BIRGIT LOHBERG	USA	2009
1:03.56	K PIPES-NEILSEN	USA	1997	2:20.92	V.HADEN-FELFOLDI	HUN	2020	2:09.23	CYNTHIA LEWIS	USA	2015
1:03.88	KELLY M HARRIGAN	USA	2021	2:21.18	KYOKO YAMADA	JPN	2010	2:09.32	BARBARA KEHBEIN	GER	2013
1:04.38	CARLA STAMPFLI	SUI	2022	2:21.76	DEBBIE YOUNGER	CAN	2005	400 M. FREE			
1:04.61	CINDY MABEE	CAN	2008	2:22.52	ILDIKO SZEKELY	USA	2014	4:21.75	K PIPES-NEILSEN	USA	2003
1:04.71	ALISON LAMARE	FRA	2019	2:22.57	CARLA BECKMANN	GER	2019	4:22.78	HEIDI GEORGE	USA	2017
200 M. BACK				2:23.32	L. CARVALHO	AUS	2017	4:24.22	JILL HERNANDEZ	USA	2000
2:13.37	KANA OHASHI	JPN	2013	2:23.55	ANNA SPIETZACK	GER	2022	4:24.42	KIRSTEN CAMERON	GBR	2014
2:14.10	K PIPES-NEILSEN	USA	1997	100 M. I.M.				4:26.19	CINDY BERTELINK	CAN	2016
2:14.49	GISELI PEREIRA	BRA	2009	1:02.76	PETRA WEBER	CZE	2023	4:28.58	VALERIA VERGANI	ITA	2013
2:15.50	KELLY M HARRIGAN	USA	2019	1:03.17	HITOMI MATSUDA	JPN	2012	4:28.58	AMANDA PICARD	SUI	2008
2:17.11	SOPHIE CASSON	GBR	2023	1:03.94	DANIELLE HERRMANN	USA	2022	4:30.34	KATIE GLENN	USA	2017
2:17.61	C.J-SPONSELLER	SWE	2012	1:04.61	SHERI HART	USA	2009	4:32.29	ELISABETH PHARR	FRA	2022
2:19.82	JOANNA CORBEN	GBR	2006	1:04.72	VERONICA BALSANO	PAR	2023	4:32.38	ALISON ZAMANIAN	USA	2011
2:19.96	KANA MORIHISA	JPN	2017	1:04.86	BRITTA O'LEARY	USA	2020	800 M. FREE			
2:22.03	HITOMI MATSUDA	JPN	2012	1:04.88	GEORGINA HEYN	GBR	2022	8:55.34	KIRSTEN CAMERON	GBR	2016
2:22.08	CINDY MABEE	CAN	2008	1:05.01	LAURA ROCA	ESP	2017	8:55.95	HEIDI GEORGE	USA	2017
50 M. BRST				1:05.40	K PIPES-NEILSEN	USA	2000	9:09.71	K PIPES-NEILSEN	USA	2003
30.96	PETRA WEBER	CZE	2023	1:05.53	ZOE CRAY	GBR	2009	9:16.07	AMANDA PICARD	SUI	2008
31.25	DANIELLE HERRMANN	USA	2022	200 M. I.M.				9:18.17	ALISON ZAMANIAN	USA	2011
31.66	NICOLE HEIDEMANN	GER	2018	2:17.24	VERONICA BALSANO	BRA	2023	9:19.15	VALERIA VERGANI	ITA	2012
31.87	HITOMI MATSUDA	JPN	2012	2:17.69	HITOMI MATSUDA	JPN	2012	9:19.60	ELISABETH PHARR	FRA	2022
32.13	LINLEY FRAME	AUS	2010	2:19.08	K PIPES-NEILSEN	USA	2000	9:20.78	EMMA WILLS	GBR	2023
32.35	R.CRESCENTINI	ITA	2012	2:20.63	N.VINOKURENKOVA	RUS	2018	9:21.44	LYNN MARSHALL	CAN	2001
32.48	KATIE GLENN	USA	2015	2:20.99	LAURA ROCA	ESP	2016	9:25.42	REBECA SANTOS	ESP	2017
32.65	N.VINOKURENKOVA	RUS	2018	2:22.19	CYNTHIA LEWIS	USA	2014	1500 M. FREE			
32.86	GEORGINA HEYN	GBR	2021	2:22.54	KANA OHASHI	JPN	2013	16:50.92	HEIDI GEORGE	USA	2017
32.89	ANNA-KARIN LUNDIN	SWE	2011	2:22.63	BRITTA O'LEARY	USA	2021	17:01.66	KIRSTEN CAMERON	GBR	2015
100 M. BRST				2:23.47	DEBBIE YOUNGER	CAN	2005	17:33.16	EMMA WILLS	GBR	2023
1:08.49	PETRA WEBER	CZE	2023	2:23.52	MAREN SPIETZACK	GER	2022	17:35.49	ALISON ZAMANIAN	USA	2010
1:08.59	DANIELLE HERRMANN	USA	2022	400 M. I.M.				17:36.73	VALERIA VERGANI	ITA	2013
1:09.07	NICOLE HEIDEMANN	GER	2018	4:52.83	K PIPES-NEILSEN	USA	1997	17:38.37	LYNN MARSHALL	CAN	2002
1:09.20	HITOMI MATSUDA	JPN	2012	4:55.44	VERONICA BALSANO	PAR	2023	17:45.50	K PIPES-NEILSEN	USA	2003
1:09.41	CYNTHIA LEWIS	USA	2014	4:55.84	HITOMI MATSUDA	JPN	2012	17:52.93	N.MUIR-COCHRANE	GBR	2004
1:10.59	KATIE GLENN	USA	2015	5:00.31	N.VINOKURENKOVA	RUS	2018	17:55.11	AMANDA PICARD	SUI	2009
1:10.65	LINLEY FRAME	AUS	2010	5:01.26	KANA OHASHI	JPN	2013	18:02.62	SUZANN HEIM-BOWEN	USA	1998

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



50	M. BACK		28.86	SILVIA PAROCCHI	ITA 2007	57.89	ERIKA BRAUN	USA 2018
29.11	RAAKEL LUOTO	FIN 2018	28.91	MUTSUMI AWAZU	JPN 2023	58.24	LISA BLACKBURN	USA 2017
29.84	ZOE CRAY	GBR 2014	28.91	SOPHIA SKOU	DEN 2018	58.43	MARIE FUZZATI	FRA 2014
29.96	GISELI PEREIRA	BRA 2012	100 M. FLY			58.61	K.PIPES-NEILSEN	USA 2007
30.00	CINDY MABEE	CAN 2009	1:01.70	S.VON DER LIPPE	USA 2009	59.20	ANA CALDAS	USA 2023
30.02	SHERI HART	USA 2012	1:03.31	K PIPES-NEILSEN	USA 2003	59.30	ANNA HAMMAR	SWE 2013
30.12	KANA MORIHISA	JPN 2020	1:03.76	SOPHIA SKOU	DEN 2015	59.58	SARAH MACDONALD	CAN 2005
30.23	ANYA GOSTMALSKI	ISR 2023	1:03.78	M.GARCIA SANCHEZ	ESP 2022	59.64	BARBARA KEHBEIN	GER 2015
30.42	CRISTINA REY	ESP 2017	1:04.48	NICOLE HEIDEMANN	GER 2023	59.66	MARIA GARRONE	ARG 2023
30.55	ALISON LAMARE	FRA 2023	1:04.59	YUKO NAKANISHI	JPN 2023	200 M. FREE		
30.55	ANDREA KUTZ	GER 2013	1:04.60	FRAUKE LABARRE	GER 2018	2:05.94	K.PIPES-NEILSEN	USA 2007
100 M. BACK			1:04.85	MABI TSUKIOKA	JPN 2022	2:07.28	KIRSTEN CAMERON	NED 2022
1:03.22	RAAKEL LUOTO	FIN 2018	1:04.85	CINDY BERTELINK	CAN 2019	2:09.96	RAQUEL FERNANDEZ	ESP 2019
1:03.48	SHERI HART	USA 2011	1:04.91	YOKO YAMAGUCHI	JPN 2010	2:10.32	ELLEN REYNOLDS	USA 2012
1:04.16	JENNIFER MIHALIK	USA 2021	200 M. FLY			2:10.47	BARBARA KEHBEIN	GER 2014
1:04.30	KANA MORIHISA	JPN 2019	2:20.66	SUSAN VD LIPPE	USA 2006	2:10.76	ERIKA L BRAUN	USA 2019
1:04.63	CINDY MABEE	CAN 2009	2:20.71	K PIPES-NEILSEN	USA 2002	2:10.89	KATIE GLENN	USA 2023
1:05.43	K PIPES-NEILSEN	USA 2002	2:24.07	HITOMI MATSUDA	JPN 2017	2:10.91	S HEIM-BOWEN	USA 2003
1:05.51	KRISTIN GARY	USA 2011	2:24.13	L. CARVALHO	AUS 2018	2:10.94	MARIE FUZZATI	FRA 2014
1:05.52	GISELI PEREIRA	BRA 2012	2:24.17	SOPHIA SKOU	DEN 2018	2:11.00	LYNN MARSHALL	CAN 2006
1:05.91	JODY SMITH	USA 2009	2:24.83	L. D. CARVALHO	AUS 2022	400 M. FREE		
1:06.05	ANYA GOSTMALSKI	ISR 2023	2:25.30	JUDY BROWN	GBR 2005	4:24.86	HEIDI S GEORGE	USA 2021
200 M. BACK			2:26.01	ILDIKO SZEKELY	USA 2019	4:25.34	K.PIPES-NEILSEN	USA 2009
2:17.28	KANA MORIHISA	JPN 2018	2:26.07	BIRGIT LOHBERG	USA 2006	4:29.67	KIRSTEN CAMERON	AUS 2020
2:17.29	JENNIFER MIHALIK	USA 2021	2:26.15	BETH BAKER	USA 2001	4:30.98	S HEIM-BOWEN	USA 2003
2:19.06	JODY SMITH	USA 2009	100 M. I.M.			4:33.09	LYNN MARSHALL	CAN 2006
2:19.09	K PIPES-NEILSEN	USA 2003	1:04.19	LISA BLACKBURN	USA 2015	4:34.96	ALISON H ZAMANIAN	USA 2019
2:21.95	JOANNA CORBEN	GBR 2012	1:04.25	S.VON DER LIPPE	USA 2008	4:35.44	VALERIA VERGANI	ITA 2016
2:22.02	CINDY MABEE	CAN 2009	1:04.62	RAAKEL LUOTO	FIN 2017	4:38.46	STEPHANIE STONE	USA 2014
2:22.06	ELISABETH PHARR	FRA 2023	1:05.56	K PIPES-NEILSEN	USA 2003	4:38.71	SUSANNA ROSEN	SWE 2010
2:22.14	GISELI PEREIRA	BRA 2014	1:06.23	CYNTHIA LEWIS	USA 2018	4:39.27	CERI EDWARDS	GBR 2023
2:22.68	KRISTIN GARY	USA 2008	1:06.49	KANA MORIHISA	JPN 2018	800 M. FREE		
2:23.22	SILVIA PAROCCHI	ITA 2006	1:06.66	NICOLE HEIDEMANN	GER 2023	9:01.09	HEIDI GEORGE	USA 2023
50 M. BRST			1:06.90	ERIKA BRAUN	USA 2016	9:10.26	KIRSTEN CAMERON	AUS 2020
31.81	NICOLE HEIDEMANN	GER 2022	1:06.91	SHERI HART	USA 2011	9:11.37	K.PIPES-NEILSEN	USA 2009
32.16	KATIE GLENN	USA 2018	1:06.97	HITOMI MATSUDA	JPN 2018	9:21.65	LYNN MARSHALL	CAN 2006
32.20	LINLEY FRAME	AUS 2012	200 M. I.M.			9:21.83	ALISON ZAMANIAN	USA 2016
32.29	S.VON DER LIPPE	USA 2009	2:19.21	S.VON DER LIPPE	USA 2007	9:25.12	SUSANNA ROSEN	SWE 2010
33.03	R.CRESCENTINI	ITA 2015	2:19.83	LISA BLACKBURN	USA 2015	9:27.44	SUZANN HEIM-BOWEN	USA 2004
33.16	ISABEL FIGUEIRA	POR 2019	2:20.55	K PIPES-NEILSEN	USA 2003	9:32.71	CERI EDWARDS	GBR 2023
33.40	LISA BLACKBURN	USA 2015	2:22.51	JILL HERNANDEZ	USA 2000	9:35.81	CLAUDIA KERN	GER 2009
33.67	CAROLINE KRATTLI	USA 2003	2:22.60	HITOMI MATSUDA	JPN 2017	9:39.79	DIANA SZOKOL	HUN 2017
33.69	STEFANIA MONTI	ITA 2010	2:24.22	WENKE SEIDER	USA 2013	1500 M. FREE		
33.81	ANNA HAMMAR	SWE 2012	2:24.86	MIRELA SANCHEZ	ESP 2021	17:01.27	HEIDI GEORGE	USA 2023
100 M. BRST			2:25.86	BIRGIT LOHBERG	USA 2006	17:22.01	ALISON ZAMANIAN	USA 2015
1:09.95	CYNTHIA LEWIS	USA 2015	2:25.97	KANA MORIHISA	JPN 2018	17:27.87	KIRSTEN CAMERON	AUS 2020
1:10.01	KATIE GLENN	USA 2017	2:26.46	DAWN PALMER	GBR 2016	17:46.32	LYNN MARSHALL	CAN 2007
1:10.16	NICOLE HEIDEMANN	GER 2022	400 M. I.M.			17:50.64	SUZANN HEIM-BOWEN	USA 2004
1:10.22	LINLEY FRAME	AUS 2015	5:00.82	K PIPES-NEILSEN	USA 2002	17:57.50	VALERIA VERGANI	ITA 2016
1:10.55	S.VON DER LIPPE	USA 2007	5:00.90	HITOMI MATSUDA	JPN 2017	18:15.81	CERI EDWARDS	GBR 2023
1:11.95	HITOMI MATSUDA	JPN 2017	5:02.17	JILL HERNANDEZ	USA 2000	18:22.34	STACEY L BRUCE	USA 2020
1:12.08	CAROLINE KRATTLI	USA 2003	5:03.49	SUSAN VD LIPPE	USA 2006	18:23.90	LAURIE HUG	USA 2011
1:12.32	LISA BLACKBURN	USA 2013	5:05.07	CYNTHIA LEWIS	USA 2015	18:28.87	NICOLE P VAN NOOD	USA 2019
1:12.47	HELEN GORMAN	GBR 2014	5:06.66	MIRELA SANCHEZ	ESP 2021	50 M. BACK		
1:13.16	MARZENA KULIS	ITA 2007	5:08.31	CINDY BERTELINK	CAN 2017	29.52	RAAKEL LUOTO	FIN 2020
200 M. BRST			5:11.10	VALERIA VERGANI	ITA 2013	30.25	CINDY MABEE	CAN 2014
2:32.17	NICOLE HEIDEMANN	GER 2022	5:12.94	DAWN PALMER	GBR 2016	30.49	ANDREA KUTZ	GER 2019
2:32.37	S.VON DER LIPPE	USA 2008	5:13.39	BIRGIT LOHBERG	USA 2006	30.54	JENNIFER MIHALIK	USA 2023
2:34.92	HITOMI MATSUDA	JPN 2017	*****			30.54	KANA MORIHISA	JPN 2023
2:35.79	LINLEY FRAME	AUS 2011	*****			30.58	K.PIPES-NEILSEN	USA 2007
2:36.56	HELEN GORMAN	GBR 2014	*****			30.70	SUSAN WILLIAMS	USA 2013
2:37.59	KATIE GLENN	USA 2018	*****			30.82	MICHELLE WARE	GBR 2018
2:38.20	CYNTHIA LEWIS	USA 2015	50 M. FREE			31.02	GISELI PEREIRA	BRA 2017
2:39.05	LISA BLACKBURN	CAN 2013	26.29	ERIKA BRAUN	USA 2018	31.05	MARIA GARRONE	ARG 2023
2:39.10	CAROLINE KRATTLI	USA 2002	26.37	MARIE FUZZATI	FRA 2013	100 M. BACK		
2:41.84	KJERSTI HERNAES	NOR 2019	26.54	JENNIFER MIHALIK	USA 2023	1:04.11	JENNIFER MIHALIK	USA 2023
50 M. FLY			26.59	EDITH OTTERMANN	RSA 2011	1:04.46	K.PIPES-NEILSEN	FRA 2009
28.13	GABRIELE BLANK	GER 2006	26.91	ANDREA KUTZ	GER 2017	1:04.49	CINDY MABEE	CAN 2014
28.19	ERIKA BRAUN	USA 2013	26.94	JENNIE BUCKNELL	AUS 2015	1:04.93	KANA MORIHISA	JPN 2023
28.21	SUSAN VD LIPPE	USA 2005	26.96	MARIKA JOHANSSON	SWE 2011	1:05.51	ELLEN REYNOLDS	USA 2012
28.31	MABI TSUKIOKA	JPN 2023	27.02	OLGA BORISOVA	RUS 2012	1:05.76	JOANNA CORBEN	GBR 2018
28.33	R.CRESCENTINI	ITA 2015	27.05	MARIA GARRONE	ARG 2023	1:06.05	C.J-SPONSELLER	SWE 2019
28.58	IRINA SHIBAEVA	ARG 2023	27.09	K.PIPES-NEILSEN	USA 2007	1:06.34	GISELI PEREIRA	BRA 2017
28.66	ANYA GOSTMALSKI	ISR 2023	100 M. FREE			1:06.41	RAAKEL LUOTO	FIN 2022
28.80	RAAKEL LUOTO	FIN 2019	57.53	JENNIFER MIHALIK	USA 2023	1:07.41	SUSAN WILLIAMS	USA 2011



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



200 M. BACK		2:29.32 SUZANNE SIMPSON	USA 2005	4:35.54 S.HEIM-BOWEN	USA 2009
2:18.15 K.PIPES-NEILSEN	FRA 2009	2:30.21 ALISON ZAMANIAN	USA 2017	4:35.80 JILL HERNANDEZ	USA 2013
2:19.55 JENNIFER MIHALIK	USA 2023	100 M. I.M.		4:36.24 TIZIANA PAPANDREA	ITA 2023
2:20.17 JOANNA CORBEN	GBR 2016	1:01.56 DANIELA RALID	BRA 2019	4:40.46 ELLEN REYNOLDS	USA 2016
2:20.51 KANA MORIHISA	JPN 2023	1:05.61 K.PIPES-NEILSEN	FRA 2009	4:40.53 CARLA GEURTS	NED 2022
2:22.00 ELLEN REYNOLDS	USA 2012	1:05.88 LISA BLACKBURN	USA 2016	4:41.32 MERETE LOVBERG	NOR 2018
2:23.92 CINDY MABEE	CAN 2016	1:05.93 RAAKEL LUOTO	FIN 2020	4:42.32 JANE ANN HOAG	ITA 2017
2:23.95 C.J-SPONSELLER	SWE 2019	1:06.22 ERIKA BRAUN	USA 2018	4:43.61 JENNY WHITELEY	AUS 2008
2:25.05 GISELI PEREIRA	BRA 2017	1:06.58 S.VON DER LIPPE	USA 2010	800 M. FREE	
2:25.52 STEPHANIE STONE	USA 2014	1:06.88 ANNA HAMMAR	SWE 2013	9:23.30 ALISON ZAMANIAN	USA 2021
2:26.57 SILVIA PAROCCHI	ITA 2011	1:07.46 HELEN GORMAN	GBR 2019	9:23.45 LYNN MARSHALL	CAN 2011
50 M. BRST		1:07.55 KANA MORIHISA	JPN 2023	9:25.85 TIZIANA PAPANDREA	ITA 2023
32.59 KATIE GLENN	USA 2023	1:07.98 MONICA SORO	ITA 2015	9:29.62 S.HEIM-BOWEN	USA 2009
33.01 LINLEY FRAME	AUS 2017	200 M. I.M.		9:30.83 JILL HERNANDEZ	USA 2013
33.56 MARZENA KULIS	ITA 2009	2:19.30 GABRIELLE E ROSE	USA 2022	9:35.39 ELLEN REYNOLDS	USA 2014
33.81 ANNA HAMMAR	SWE 2013	2:21.55 K.PIPES-NEILSEN	USA 2009	9:38.99 CARLA GEURTS	NED 2022
33.82 S.VON DER LIPPE	USA 2010	2:24.33 WENKE SEIDER	USA 2014	9:42.20 JANE ANN HOAG	ITA 2017
33.85 HELEN GORMAN	GBR 2018	2:26.26 ELLEN REYNOLDS	USA 2012	9:45.02 NORMA CAHILL	IRL 2016
33.94 CAROLINE KRATTLI	USA 2007	2:27.02 ANNA HAMMAR	SWE 2014	9:45.13 BARBARA GELLRICH	GER 2012
34.05 NANA IWAI	JPN 2021	2:28.24 KANA MORIHISA	JPN 2023	1500 M. FREE	
34.10 TRINA SCHAETZ	USA 2018	2:29.09 SATU RAHKONEN	FIN 2022	17:47.04 ALISON ZAMANIAN	USA 2022
34.15 TRACEY MCFARLANE	USA 2012	2:29.37 HIDEKO MAKINO	JPN 2019	17:49.23 LYNN MARSHALL	CAN 2013
100 M. BRST		2:29.40 MARZENA KULIS	ITA 2009	17:51.33 S.HEIM-BOWEN	USA 2009
1:10.63 LINLEY FRAME	AUS 2017	2:29.69 CAROLINE KRATTLI	USA 2007	18:14.50 CARLA GEURTS	NED 2022
1:11.78 MARZENA KULIS	ITA 2009	400 M. I.M.		18:14.75 TIZIANA PAPANDREA	ITA 2023
1:12.64 ANNA HAMMAR	SWE 2013	5:00.29 K.PIPES-NEILSEN	FRA 2009	18:25.23 NORMA CAHILL	IRL 2015
1:12.93 LISA BLACKBURN	USA 2017	5:17.29 ELLEN REYNOLDS	USA 2011	18:27.42 JANE ANN HOAG	ITA 2017
1:13.30 S.VON DER LIPPE	USA 2010	5:17.54 STEPHANIE STONE	USA 2014	18:38.58 JEANNE CARLSEN	CAN 2009
1:13.38 CAROLINE KRATTLI	USA 2007	5:17.83 SATU RAHKONEN	FIN 2022	18:44.66 C.PETERSEN	USA 2016
1:13.45 HELEN GORMAN	GBR 2018	5:19.13 LYNN MARSHALL	CAN 2006	18:49.27 ILKA LOWENSTEYN	CAN 2015
1:13.98 WENKE SEIDER	USA 2014	5:19.58 VIBEKE SWANSON	USA 2006	50 M. BACK	
1:14.09 KATIE GLENN	USA 2023	5:20.17 ALISON ZAMANIAN	USA 2016	30.27 LESLIE LIVINGSTON	USA 2015
1:15.32 NANA IWAI	JPN 2023	5:20.89 NICOLA LATTY	GBR 2018	31.15 MARIE FUZZATI	FRA 2015
200 M. BRST		5:22.81 FRANCA BOSISIO	ITA 2014	31.21 ERIKA L BRAUN	USA 2022
2:34.77 GABRIELLE E ROSE	USA 2022	5:23.42 BARBARA KEHBEIN	GER 2016	31.24 GISELI PEREIRA	BRA 2023
2:37.19 MARZENA KULIS	ITA 2009	*****		31.30 MARION WOLTERS	GER 2018
2:38.00 S.VON DER LIPPE	USA 2010	WOMEN 50-54		31.33 CINDY MABEE	CAN 2019
2:39.55 LINLEY FRAME	AUS 2017	*****		31.36 MICHELLE WARE	GBR 2023
2:40.46 HELEN GORMAN	GBR 2018	50 M. FREE		31.68 ANDREA KUTZ	GER 2022
2:42.10 CAROLINE KRATTLI	USA 2007	26.27 MARIE FUZZATI	FRA 2015	31.70 LISE RAVEN LOTHE	NOR 2019
2:44.60 H.MORRIS-EYTON	RSA 2012	26.31 JENNY THOMPSON	USA 2023	31.77 MIYUKI SATO	JPN 2022
2:46.47 IRINA MERZLIKINA	RUS 2021	26.73 ERIKA L BRAUN	USA 2022	100 M. BACK	
2:47.91 K.PIPES-NEILSEN	FRA 2009	26.87 ANETTE PHILIPSSON	SWE 2015	1:05.89 ELLEN REYNOLDS	USA 2014
2:48.18 LUCY RYAN	GBR 2018	27.40 MICHELLE WARE	GBR 2023	1:05.98 GISELI PEREIRA	BRA 2023
50 M. FLY		27.40 SUSIE O'NEILL	AUS 2023	1:06.52 JO CORBEN	GBR 2022
28.53 YURIKO IKEDA	JPN 2017	27.45 ANDREA KUTZ	GER 2023	1:06.97 MARIE FUZZATI	FRA 2016
28.60 ERIKA BRAUN	USA 2017	27.50 JENNIE BUCKNELL	AUS 2016	1:07.16 MARION WOLTERS	GER 2018
28.72 S.VON DER LIPPE	USA 2010	27.67 MARIA NORBERG	SWE 2014	1:07.28 CINDY MABEE	CAN 2019
28.75 KAREN STUMP	USA 2023	27.67 SUE WALSH	USA 2014	1:08.12 K PIPES-NEILSEN	FRA 2012
28.79 R.CRESCENTINI	ITA 2020	100 M. FREE		1:08.29 SHERI L HART	USA 2021
28.97 RAAKEL LUOTO	FIN 2020	58.12 ERIKA BRAUN	USA 2023	1:08.61 MIYUKI SATO	JPN 2022
29.08 WENKE SEIDER	USA 2014	58.60 MARIE FUZZATI	FRA 2015	1:08.82 YURIKO IKEDA	JPN 2023
29.10 HAYLEY BETTINSON	GBR 2009	59.06 JENNY THOMPSON	USA 2023	200 M. BACK	
29.21 LAURIE DITOMMASO	USA 2008	1:00.15 JENNIE BUCKNELL	AUS 2016	2:22.37 ELLEN REYNOLDS	USA 2014
29.27 SUSAN WILLIAMS	USA 2013	1:00.80 ANETTE PHILIPSSON	SWE 2015	2:24.15 JO CORBEN	GBR 2021
100 M. FLY		1:00.92 MANUELA SCHUBERT	GER 2022	2:25.94 LYNN MARSHALL	CAN 2011
1:03.47 S.VON DER LIPPE	USA 2010	1:00.93 MICHELLE WARE	GBR 2023	2:26.67 STEPHANIE STONE	USA 2017
1:03.96 K.PIPES-NEILSEN	USA 2009	1:00.94 BARBARA KEHBEIN	GER 2019	2:26.85 MARION WOLTERS	GER 2019
1:04.38 WENKE SEIDER	USA 2014	1:01.23 MONICA SORO	ITA 2020	2:26.85 K PIPES-NEILSEN	FRA 2012
1:04.79 YURIKO IKEDA	JPN 2018	1:01.39 MARION WOLTERS	GER 2019	2:27.99 SILVIA PAROCCHI	ITA 2016
1:05.83 MONICA SORO	ITA 2016	200 M. FREE		2:28.34 GISELI PEREIRA	BRA 2023
1:06.05 BARBARA KEHBEIN	GER 2015	2:10.72 S.HEIM-BOWEN	USA 2009	2:28.88 MIYUKI SATO	JPN 2022
1:06.15 ERIKA L BRAUN	USA 2019	2:10.99 ERIKA BRAUN	USA 2023	2:28.99 MARIE FUZZATI	FRA 2016
1:06.28 FRANCA BOSISIO	ITA 2015	2:11.30 MARIE FUZZATI	FRA 2017	50 M. BRST	
1:06.43 SOPHIA SKOU	DEN 2021	2:11.63 ELLEN REYNOLDS	USA 2016	33.96 MONICA CORO	ITA 2013
1:06.69 FALL WILLEBOORDSE	USA 2011	2:11.86 LIZ DILLMANN	USA 2015	34.17 ANNA HAMMAR	SWE 2018
200 M. FLY		2:12.35 MERETE LOVBERG	NOR 2018	34.41 HELEN GORMAN	GBR 2022
2:23.18 K.PIPES-NEILSEN	USA 2009	2:12.80 JILL HERNANDEZ	USA 2013	34.50 UTE HASSE	ESP 2015
2:24.08 S.VON DER LIPPE	USA 2010	2:13.21 LYNN MARSHALL	CAN 2011	34.76 HANA BOHUSLAVKOVA	CZE 2022
2:26.31 S. PALMER-WHITE	AUS 2009	2:13.58 K.PIPES-NEILSEN	USA 2012	34.79 TRINA SCHAETZ	USA 2023
2:26.45 BARBARA KEHBEIN	GER 2014	2:13.95 BARBARA KEHBEIN	GER 2019	35.01 ERIKA BRAUN	USA 2023
2:26.77 KINCISO VENCZEL	HUN 2022	400 M. FREE		35.08 JENNY WHITELEY	AUS 2009
2:26.92 DEBBIE YOUNGER	CAN 2019	4:33.86 ALISON ZAMANIAN	USA 2021	35.15 JUDY GARAY	CAN 2014
2:28.26 LYNN MARSHALL	CAN 2006	4:34.81 LYNN MARSHALL	CAN 2011	35.28 MARZENA KULIS	ITA 2016
2:29.23 FRANCA BOSISIO	ITA 2015			100 M. BRST	

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



1:13.95	HELEN GORMAN	GBR	2022	2:32.45	ANETTE PHILIPSSON	SWE	2016	18:57.14	KAREN ZEMLIN	USA	2023
1:15.02	UTE HASSE	ESP	2015	400 M. I.M.				19:00.59	K.PALACE	USA	2016
1:15.22	MONICA CORO	ITA	2013	5:10.96	ELLEN REYNOLDS	USA	2014	19:00.69	S. PALMER-WHITE	AUS	2019
1:15.76	ANNA HAMMAR	SWE	2018	5:14.65	LYNN MARSHALL	CAN	2011	19:03.44	DEBORAH DAWSON	USA	2023
1:15.86	MARZENA KULIS	ITA	2016	5:23.74	HELEN GORMAN	GBR	2023	19:07.60	JILL S HERNANDEZ	USA	2019
1:16.49	JENNY WHITELEY	AUS	2009	5:24.23	C.THIELEMANN	GER	2018	19:22.35	ILKA LOWENSTEYN	CAN	2022
1:16.69	ERIKA BRAUN	USA	2023	5:24.45	MARZENA KULIS	ITA	2017	19:24.70	BARBARA DUNBAR	USA	2004
1:17.10	BARBARA KEHBEIN	GER	2019	5:25.49	NICOLA LATTY	GBR	2022	50 M. BACK			
1:17.50	HIDEKO MAKINO	JPN	2023	5:26.50	ALISON ZAMANIAN	USA	2021	30.12	LESLIE LIVINGSTON	USA	2016
1:17.58	SARA DUNN	USA	2022	5:30.92	JANE ANN HOAG	ITA	2018	31.92	HOLLY GREEN BLAIR	USA	2019
200 M. BRST				5:31.20	NAOKO SHIDE	JPN	2010	32.02	FRANCA BOSISIO	ITA	2023
2:41.45	HELEN GORMAN	GBR	2022	5:31.82	HELEN WHITFORD	AUS	2018	32.31	SUSAN O WILLIAMS	USA	2021
2:45.70	MARZENA KULIS	ITA	2016	*****				32.62	LAURA VAL	USA	2009
2:48.21	BARBARA KEHBEIN	GER	2019					32.74	HIROKO NOGUCHI	JPN	2022
2:48.34	IRINA MERZLIKINA	RUS	2022					32.75	KARLYN PIPES	USA	2019
2:48.69	JENNY WHITELEY	AUS	2009					32.04	M.FUZZATI	FRA	2023
2:49.05	MONICA CORO	ITA	2013	*****				33.14	JULIE HOYLE	GBR	2017
2:49.39	NAOMI KOTERA	JPN	2022	50 M. FREE				33.19	NOZOMI MATSUTANI	JPN	2022
2:50.36	ELLEN REYNOLDS	USA	2016	27.42	M.FUZZATI	FRA	2022	100 M. BACK			
2:50.44	UTE HASSE	ESP	2015	27.80	HAYLEY BETTINGSON	GBR	2018	1:07.17	ELLEN M REYNOLDS	USA	2019
2:51.08	KEIKO OKAMOTO	JPN	2019	27.81	LESLIE LIVINGSTON	USA	2016	1:08.33	KARLYN PIPES	USA	2017
50 M. FLY				27.85	ANETTE PHILIPSSON	SWE	2021	1:09.62	HOLLY GREEN BLAIR	USA	2019
28.95	SUSIE O'NEILL	AUS	2023	27.91	SARAH MACDONALD	CAN	2015	1:10.08	LESLIE LIVINGSTON	USA	2016
29.11	JENNY THOMPSON	USA	2023	28.07	JENNIE BUCKNELL	AUS	2023	1:11.02	SILVIA PAROCCHI	ITA	2022
29.14	ERIKA L BRAUN	USA	2022	28.33	HOLLY GREEN BLAIR	USA	2019	1:12.12	HELEN WHITFORD	AUS	2022
29.15	YURIKO IKEDA	JPN	2023	28.37	CHIKAKO MIZUNO	JPN	2022	1:12.23	MARION WOLTERS	GER	2023
29.25	LESLIE LIVINGSTON	USA	2013	28.42	KARLYN PIPES	USA	2017	1:12.23	LAURA VAL	USA	2008
29.34	ANNA HAMMAR	SWE	2018	28.49	LAURA VAL	USA	2009	1:12.42	JILL HERNANDEZ	USA	2018
29.42	SUSAN WILLIAMS	USA	2017	100 M. FREE				1:12.59	MARIKA MCCUE	USA	2018
29.53	MICHELLE WARE	GBR	2023	1:00.61	KARLYN PIPES	USA	2017	200 M. BACK			
29.94	FRANCA BOSISIO	ITA	2018	1:01.33	LAURA VAL	USA	2009	2:25.27	ELLEN M REYNOLDS	USA	2019
29.94	DANIELA DE PONTI	ITA	2017	1:01.47	M.FUZZATI	SUI	2020	2:29.22	KARLYN PIPES	USA	2017
100 M. FLY				1:01.84	SARAH MACDONALD	CAN	2015	2:31.71	LYNN MARSHALL	CAN	2016
1:03.51	JENNY THOMPSON	USA	2023	1:02.01	JENNIE BUCKNELL	AUS	2023	2:32.08	SILVIA PAROCCHI	ITA	2022
1:06.38	YURIKO IKEDA	JPN	2022	1:02.42	CHIKAKO MIZUNO	JPN	2022	2:32.58	JILL HERNANDEZ	USA	2018
1:06.88	ERIKA BRAUN	USA	2023	1:02.72	S.REIBEL-OBERLE	GER	2019	2:34.43	JUDY BROWN	GBR	2023
1:06.88	DANIELA DE PONTI	ITA	2016	1:02.75	HEATHER CAMPBELL	NZL	2008	2:37.06	S.REIBEL-OBERLE	GER	2020
1:06.92	K PIPES-NEILSEN	FRA	2012	1:02.94	ANETTE PHILIPSSON	SWE	2022	2:37.84	NAOKO SHIDE	JPN	2016
1:07.13	MICHELLE WARE	GBR	2023	1:03.07	DANIELA DEPONTI	ITA	2020	2:38.14	HELEN WHITFORD	AUS	2022
1:07.62	BARBARA KEHBEIN	GER	2019	200 M. FREE				2:38.41	KAZUE MAETOGI	JPN	2023
1:07.72	C.MCCLAFFERTY	USA	2023	2:12.03	ELLEN M REYNOLDS	USA	2019	50 M. BRST			
1:07.73	SILVIA PAROCCHI	ITA	2016	2:13.58	LYNN MARSHALL	CAN	2016	35.15	MONICA CORO'	ITA	2017
1:07.79	FRANCA BOSISIO	ITA	2018	2:13.89	KARLYN PIPES	USA	2017	35.61	UTE HASSE	ESP	2018
200 M. FLY				2:14.45	LAURA VAL	USA	2009	35.87	PIA THULSTRUP	DEN	2017
2:28.08	LYNN MARSHALL	CAN	2011	2:15.14	JILL HERNANDEZ	USA	2018	35.90	TERRI MACDOUGALL	CAN	2019
2:28.69	FRANCA BOSISIO	ITA	2018	2:17.75	FRANCA BOSISIO	ITA	2023	35.91	LAURA MOLINARI	ITA	2023
2:30.27	BARBARA KEHBEIN	GER	2019	2:17.76	DANIELA SABATINI	ITA	2023	36.29	JENNY WHITELEY	AUS	2013
2:31.06	ILKA LOWENSTEYN	CAN	2015	2:17.77	S.REIBEL-OBERLE	GER	2019	36.47	CAROLINE KRATTLI	USA	2017
2:31.17	DANIELA DE PONTI	ITA	2016	2:18.02	DANIELA DEPONTI	ITA	2020	36.92	KARLYN PIPES	USA	2017
2:32.17	C.THIELEMANN	GER	2018	2:18.32	K.PALACE	USA	2016	37.08	SARAH MACDONALD	CAN	2017
2:32.29	KARLYN PIPES	USA	2012	400 M. FREE				37.14	SATOKO TOKITA	JPN	2018
2:32.92	C.MCCLAFFERTY	USA	2023	4:37.35	LYNN MARSHALL	CAN	2016	100 M. BRST			
2:33.24	ALISON ZAMANIAN	USA	2022	4:42.97	LAURA VAL	USA	2009	1:17.36	MARZENA KULIS	ITA	2019
2:33.93	ANDREA BLOCK	USA	2011	4:43.49	KARLYN PIPES	USA	2017	1:18.01	MONICA CORO'	ITA	2017
100 M. I.M.				4:44.76	JILL HERNANDEZ	USA	2018	1:18.45	JENNY WHITELEY	AUS	2013
1:07.04	ERIKA L BRAUN	USA	2022	4:45.31	ELLEN REYNOLDS	USA	2023	1:19.02	UTE HASSE	ESP	2019
1:07.65	JENNY THOMPSON	USA	2023	4:46.77	DANIELA SABATINI	ITA	2023	1:19.59	LAURA MOLINARI	ITA	2023
1:07.85	ANETTE PHILIPSSON	SWE	2015	4:50.18	C.THIELEMANN	GER	2023	1:19.90	PIA THULSTRUP	DEN	2017
1:07.97	ANNA HAMMAR	SWE	2018	4:51.15	JANE ANN HOAG	ITA	2022	1:20.16	CHIE MIYAMOTO	JPN	2023
1:08.28	K PIPES-NEILSEN	FRA	2012	4:51.43	S.REIBEL-OBERLE	GER	2019	1:20.72	TERRI MACDOUGALL	CAN	2019
1:08.33	HELEN GORMAN	GBR	2022	4:51.63	KAREN GRAHAM	GBR	2020	1:21.15	SARAH MACDONALD	CAN	2015
1:08.79	ELLEN REYNOLDS	USA	2018	800 M. FREE				1:21.18	CAROLINE KRATTLI	USA	2017
1:08.98	MARIE FUZZATI	FRA	2015	9:32.63	LYNN MARSHALL	CAN	2017	200 M. BRST			
1:09.06	MARION WOLTERS	GER	2018	9:46.35	JILL HERNANDEZ	USA	2018	2:46.91	MARZENA KULIS	ITA	2019
1:09.22	JENNY WHITELEY	AUS	2009	9:51.35	LAURA VAL	USA	2009	2:50.83	CHIE MIYAMOTO	JPN	2023
200 M. I.M.				9:52.16	DEBORAH DAWSON	USA	2023	2:52.75	ELLEN REYNOLDS	USA	2023
2:27.39	ELLEN REYNOLDS	USA	2018	9:56.00	DANIELA SABATINI	ITA	2023	2:53.16	MONICA CORO	ITA	2017
2:30.30	HELEN GORMAN	GBR	2023	9:57.01	JANE ANN HOAG	ITA	2022	2:55.48	JENNY WHITELEY	AUS	2013
2:30.33	ANNA HAMMAR	SWE	2018	9:57.42	C.THIELEMANN	GER	2023	2:56.23	TATYANA PROKOFEVA	RUS	2020
2:30.50	TIZIANA PAPANDREA	ITA	2023	10:01.08	KAREN ZEMLIN	USA	2023	2:59.03	TERRI MACDOUGALL	CAN	2019
2:30.63	KARLYN PIPES	USA	2012	10:03.33	K.PALACE	USA	2016	2:59.34	COLETTE CRABBE	BEL	2012
2:30.98	JENNY WHITELEY	AUS	2009	10:04.66	NORMA CAHILL	IRL	2023	3:00.02	JUDITH HATTLE	GBR	2015
2:31.96	JILL HERNANDEZ	USA	2013	1500 M. FREE				3:00.46	ALICIA BOSCATTO	ARG	2015
2:32.10	DANIELA DE PONTI	ITA	2016	18:01.79	LYNN MARSHALL	CAN	2017	50 M. FLY			
2:32.32	CINDY MABEE	CAN	2019	18:43.73	LAURA VAL	USA	2010	29.39	LESLIE LIVINGSTON	USA	2016
				18:53.00	JANE ANN HOAG	ITA	2023				

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



30.61	FRANCA BOSISIO	ITA	2023	29.47	BECKY CLEAVENGER	USA	2023	1:13.75	AMY J RIEGER	USA	2021
30.63	SUSAN WILLIAMS	USA	2023	29.65	VERONICA HIBBEN	USA	2016	1:13.93	JULIE HOYLE	GBR	2022
30.73	KARLYN PIPES	USA	2017	29.71	KARLYN A PIPES	USA	2022	1:15.93	VALERIE JENKINS	USA	2023
30.78	MARIA NORBERG	SWE	2018	29.75	MA CARMEN CABELLO	ESP	2021	1:15.95	JOAN PFINGSGRAFF	USA	2017
30.92	ELIZABETH WOOLNER	GBR	2023	100 M. FREE				1:16.35	JOANNE SUTCLIFFE	AUS	2021
30.99	HAYLEY BETTINSON	GBR	2018	1:02.60	JENNY WHITELEY	AUS	2018	1:16.48	DENYSE SENECHAL	CAN	2023
31.13	TRACI GRANGER	USA	2013	1:03.48	LAURA VAL	USA	2014	200 M. BACK			
31.13	LAURA VAL	USA	2009	1:04.14	KARLYN A PIPES	USA	2022	2:34.31	KARLYN A PIPES	USA	2022
31.23	SARAH MACDONALD	CAN	2015	1:04.44	VERONICA HIBBEN	USA	2019	2:34.72	LYNN MARSHALL	CAN	2022
100 M. FLY				1:04.78	AMY JO RIEGER	PUR	2021	2:35.84	BONNIE BILICH	USA	2018
1:08.15	KARLYN PIPES	USA	2017	1:04.89	JEANETTE BRITS	AUS	2023	2:38.34	JULIE HOYLE	GBR	2022
1:08.22	FRANCA BOSISIO	ITA	2023	1:05.04	BECKY CLEAVENGER	USA	2023	2:40.04	LAURA VAL	USA	2015
1:09.23	LAURA VAL	USA	2009	1:05.34	MA CARMEN NAVARRO	ESP	2022	2:42.66	AMY J RIEGER	USA	2021
1:09.67	LYNN MARSHALL	CAN	2016	1:06.16	K.ANDRUS-HUGHES	USA	2017	2:43.27	JOANNE SUTCLIFFE	AUS	2021
1:09.71	SILVIA PAROCCHI	ITA	2022	1:06.58	CHARLOTTE DAVIS	USA	2010	2:43.57	JOAN PFINGSGRAFF	USA	2017
1:09.89	ELIZABETH WOOLNER	GBR	2022	200 M. FREE				2:45.00	BONNIE L SPIVEY	USA	2019
1:10.10	ANDREA BLOCK	USA	2016	2:15.93	JENNY WHITELEY	AUS	2018	2:45.02	DENYSE SENECHAL	CAN	2023
1:10.11	KIYOMI TANAKA	JPN	2022	2:18.45	LYNN MARSHALL	CAN	2022	50 M. BRST			
1:10.15	ILKA LOWENSTEYN	CAN	2022	2:19.08	JEANETTE BRITS	AUS	2023	37.08	JENNY WHITELEY	AUS	2018
1:10.20	DANIELA DEPONTI	ITA	2020	2:20.16	LAURA VAL	USA	2011	37.21	MONICA CORO'	ITA	2022
200 M. FLY				2:21.06	ROBYN CROTTY	NZL	2021	37.23	UTE HASSE	ESP	2023
2:31.13	LAURA VAL	USA	2008	2:22.02	K.PARKER PALACE	USA	2023	37.57	PIA THULSTRUP	DEN	2022
2:31.97	KARLYN PIPES	USA	2017	2:24.56	BECKY CLEAVENGER	USA	2023	37.62	SATOKO TOKITA	JPN	2023
2:32.91	FRANCA BOSISIO	ITA	2023	2:24.73	VERONICA HIBBEN	USA	2019	37.67	JUDY GARAY	CAN	2023
2:32.97	C.THIELEMANN	GER	2023	2:24.84	MA CARMEN NAVARRO	ESP	2022	38.00	DANIELA PETRACCHI	ITA	2023
2:33.91	S. PALMER-WHITE	AUS	2019	2:24.93	AMY J RIEGER	USA	2021	38.12	DAGMAR FRESE	GER	2019
2:33.98	LYNN MARSHALL	CAN	2019	400 M. FREE				38.23	MISA KUWANO	JPN	2021
2:37.51	ILKA LOWENSTEYN	CAN	2023	4:48.80	LYNN MARSHALL	CAN	2022	38.58	SETSUKO MATSUI	JPN	2021
2:38.82	D.PEDACCHIOLA	ITA	2018	4:52.64	JENNY WHITELEY	AUS	2018	100 M. BRST			
2:39.54	S.REIBEL-OBERLE	GER	2019	4:53.24	LAURA VAL	USA	2013	1:20.50	JENNY WHITELEY	AUS	2018
2:39.55	ANDREA BLOCK	USA	2016	4:55.14	ROBYN CROTTY	NZL	2021	1:21.14	MONICA CORO'	ITA	2022
100 M. I.M.				4:56.99	K.PARKER PALLACE	USA	2023	1:21.86	UTE HASSE	ESP	2023
1:09.08	KARLYN PIPES	USA	2017	5:03.77	CECILIA STANFORD	RSA	2021	1:23.65	MISA KUWANO	JPN	2021
1:09.47	ELLEN REYNOLDS	USA	2023	5:04.90	SUSAN RITTER	USA	2017	1:24.03	PIA THULSTRUP	DEN	2023
1:10.66	JENNY WHITELEY	AUS	2013	5:06.79	KELLY PALACE	USA	2021	1:24.39	COLETTE CRABBE	USA	2016
1:11.51	HOLLY GREEN BLAIR	USA	2019	5:07.33	HOLLY EDMONDS	USA	2022	1:25.09	SARAH MACDONALD	CAN	2020
1:11.95	SARAH MACDONALD	CAN	2015	5:09.15	JOANNE SUTCLIFFE	AUS	2021	1:25.16	DAGMAR FRESE	GER	2019
1:12.10	DANIELA DEPONTI	ITA	2020	800 M. FREE				1:25.45	SATOKO TOKITA	JPN	2023
1:12.27	ANETTE PHILIPSSON	SWE	2021	9:55.61	LYNN MARSHALL	CAN	2023	1:25.52	KAREN MAREB	USA	2018
1:12.90	LAURA VAL	USA	2009	10:04.67	ROBYN CROTTY	NZL	2021	200 M. BRST			
1:12.94	S.REIBEL-OBERLE	GER	2019	10:07.03	K.PARKER PALLACE	USA	2023	2:57.05	JENNY WHITELEY	AUS	2018
1:13.15	ANNA HAMMAR	SWE	2023	10:18.29	JENNY WHITELEY	AUS	2019	3:00.34	MONICA CORO'	ITA	2022
200 M. I.M.				10:21.68	LAURA VAL	USA	2011	3:04.70	LO KNAPP	USA	2016
2:27.78	ELLEN M REYNOLDS	USA	2019	10:24.43	BONNIE L SPIVEY	USA	2019	3:05.02	MISA KUWANO	JPN	2021
2:31.06	KARLYN PIPES	FRA	2017	10:24.96	S.HEIM-BOWEN	USA	2020	3:05.92	AMY J RIEGER	USA	2021
2:33.57	JILL HERNANDEZ	USA	2018	10:25.71	SUSAN RITTER	USA	2017	3:06.25	AMANDA HEATH	GBR	2017
2:34.01	LYNN MARSHALL	CAN	2016	10:26.30	CECILIA STANFORD	RSA	2021	3:06.48	BONNIE PRONK	CAN	2002
2:36.92	S.REIBEL-OBERLE	GER	2019	10:32.21	JOANNE SUTCLIFFE	AUS	2021	3:06.52	JUDITH PEARSON	GBR	2020
2:36.98	LAURA VAL	USA	2009	1500 M. FREE				3:07.25	COLETTE CRABBE	USA	2017
2:37.71	MARZENA KULIS	ITA	2020	18:52.68	LYNN MARSHALL	CAN	2023	3:07.36	REBECCA TOHILL	NZL	2023
2:37.71	JENNY WHITELEY	AUS	2013	19:27.09	K.PARKER PALACE	USA	2023	50 M. FLY			
2:37.92	C.THIELEMANN	GER	2023	19:35.32	S.HEIM-BOWEN	USA	2020	31.24	TRACI S GRANGER	USA	2019
2:38.04	DANIELA DEPONTI	ITA	2020	19:38.63	LAURA VAL	USA	2011	31.34	CAROL BOAGEY	GBR	2013
400 M. I.M.				19:52.06	ROBYN CROTTY	NZL	2023	31.82	KARLYN A PIPES	USA	2022
5:15.72	ELLEN M REYNOLDS	USA	2019	19:59.92	S.LOFTUS-CHARLEY	USA	2011	32.04	MA CARMEN NAVARRO	ESP	2022
5:23.08	LYNN MARSHALL	CAN	2016	20:03.30	SUSAN RITTER	USA	2017	32.28	JUDITH PEARSON	GBR	2020
5:25.71	KARLYN PIPES	USA	2017	20:03.58	BONNIE L SPIVEY	USA	2019	32.32	DAWN KISSACK	GBR	2023
5:31.00	S.REIBEL-OBERLE	GER	2020	20:06.04	CECILIA STANFORD	RSA	2021	32.38	L.GIANNOCARO	CAN	2022
5:33.65	FRANCA BOSISIO	ITA	2023	20:15.16	CHRISTIE CIRAULO	USA	2015	32.42	LAURA VAL	USA	2013
5:34.14	DANIELA DEPONTI	ITA	2020	50 M. BACK				32.54	VERONICA HIBBEN	USA	2016
5:37.15	ROBYN CROTTY	NZL	2018	32.91	KARLYN A PIPES	USA	2022	32.73	BECKY CLEAVENGER	USA	2023
5:39.30	LAURA VAL	USA	2009	33.01	LAURA VAL	USA	2013	100 M. FLY			
5:39.40	C.THIELEMANN	GER	2023	33.75	AMY JO RIEGER	PUR	2021	1:10.97	KARLYN A PIPES	USA	2022
5:40.45	ILKA LOWENSTEYN	CAN	2022	33.75	K.ANDRUS-HUGHES	USA	2017	1:11.47	LAURA VAL	USA	2013
*****				33.77	JULIE HOYLE	GBR	2022	1:11.68	MA CARMEN CABELLO	ESP	2021
*****				33.90	BONNIE BILICH	USA	2018	1:12.57	JUDITH PEARSON	GBR	2021
*****				34.04	VALERIE JENKINS	USA	2023	1:13.08	TRACI S GRANGER	USA	2019
*****				35.18	DENYSE SENECHAL	CAN	2023	1:13.58	LEIGH RODGERS	AUS	2015
*****				35.24	RYOKO NISHII	JPN	2023	1:13.70	D.PEDACCHIOLA	ITA	2023
*****				35.49	AROMA MARTORELL	BRA	2018	1:14.21	COLETTE CRABBE	USA	2017
*****				100 M. BACK				1:14.30	JENNY WHITELEY	AUS	2018
50 M. FREE				1:12.39	BONNIE BILICH	USA	2018	1:14.45	LYNN MARSHALL	CAN	2022
28.50	JENNY WHITELEY	AUS	2018	1:12.42	KARLYN A PIPES	USA	2022	200 M. FLY			
28.88	DAWN KISSACK	GBR	2023	1:12.72	LAURA VAL	USA	2013	2:41.25	LAURA VAL	USA	2011
29.21	SARAH MACDONALD	CAN	2020	1:13.53	K.ANDRUS-HUGHES	USA	2018	2:42.40	LYNN MARSHALL	CAN	2022
29.23	TRACI S GRANGER	USA	2019								
29.23	LAURA VAL	USA	2013								
29.46	AMY JO RIEGER	PUR	2021								

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



2:46.28	JUDITH PEARSON	GBR	2021	2:34.02	A.PIJTAK-RADERSMA	NED	2023	40.96	ESTHER ISEPPI	GBR	2023
2:46.40	JENNY WHITELEY	AUS	2019	2:34.02	KAREN L EINSIDLER	USA	2022	41.07	CAROLE SMITH	ITA	2018
2:46.80	D.PEDACCHIOLA	ITA	2023	2:34.11	DIANE COETZEE	RSA	2021	41.08	ALYSON FORDHAM	GBR	2023
2:49.24	TRACI S GRANGER	USA	2019	400 M. FREE				41.09	E.DE HEEDER	USA	2023
2:52.43	JEANNE LAPPIN	USA	2015	5:02.08	LAURA VAL	USA	2017	41.16	MELINDA J MANN	USA	2022
2:52.60	ARLENE DELMAGE	USA	2022	5:03.64	JENNY WHITELEY	AUS	2023	100 M. BRST			
2:57.56	COLETTE CRABBE	USA	2017	5:18.01	S.HEIM-BOWEN	USA	2023	1:24.93	JENNY WHITELEY	AUS	2023
2:58.14	MA RAMONA GUILLEN	ESP	2020	5:18.71	KAREN L EINSIDLER	USA	2021	1:27.95	AMANDA HEATH	GBR	2023
100 M. I.M.				5:19.64	C.TARANTINO	ITA	2020	1:28.47	DAGMAR FRESE	GER	2021
1:12.08	KARLYN A PIPES	USA	2022	5:21.37	NANCY MARTIN	USA	2019	1:28.73	NOBUKO YASUDA	JPN	2010
1:12.19	JENNY WHITELEY	AUS	2018	5:21.46	VERONICA HIBBEN	USA	2021	1:28.94	COLETTE M CRABBE	USA	2022
1:13.59	AMY JO RIEGER	PUR	2021	5:22.50	SUSAN RITTER	USA	2023	1:29.76	LO D KNAPP	USA	2019
1:14.23	SARAH MACDONALD	CAN	2020	5:22.78	S.LOFTUS-CHARLEY	USA	2016	1:30.22	JANETTE JEFFREY	AUS	2017
1:15.07	LAURA VAL	USA	2013	5:23.19	CHARLOTTE DAVIS	USA	2015	1:30.23	IRINA SHANGINA	RUS	2020
1:16.06	JULIE HOYLE	GBR	2022	800 M. FREE				1:30.81	CHARLOTTE DAVIS	USA	2016
1:16.22	COLETTE CRABBE	USA	2017	10:34.67	LAURA VAL	USA	2016	1:30.99	BETH A ESTEL	USA	2021
1:16.41	JUDITH PEARSON	GBR	2020	10:40.98	S.HEIM-BOWEN	USA	2023	200 M. BRST			
1:16.42	IKUKO TAKATANI	JPN	2023	10:53.01	N.STEADMAN MARTIN	USA	2023	3:07.97	AMANDA HEATH	GBR	2022
1:16.69	LEIGH RODGERS	AUS	2015	10:55.71	S.LOFTUS-CHARLEY	USA	2016	3:09.80	JENNY WHITELEY	AUS	2023
200 M. I.M.				10:57.88	C.TARANTINO	ITA	2020	3:10.75	JANETTE JEFFREY	AUS	2015
2:36.81	JENNY WHITELEY	AUS	2018	11:02.04	KAREN L EINSIDLER	USA	2021	3:10.94	LO D KNAPP	USA	2019
2:40.29	LYNN MARSHALL	CAN	2022	11:05.36	SUSAN M RITTER	USA	2022	3:14.02	KEIKO UTSUMI	JPN	2021
2:41.53	LAURA VAL	USA	2013	11:07.78	LINDA BLAND	USA	2023	3:14.08	COLETTE M CRABBE	USA	2022
2:42.99	AMY J RIEGER	USA	2021	11:09.56	CHRISTIE CIRAULO	USA	2019	3:14.89	NOBUKO YASUDA	JPN	2010
2:43.04	COLETTE CRABBE	USA	2017	11:09.87	CHARLOTTE DAVIS	USA	2015	3:17.44	JOANN LEILICH	USA	2004
2:44.53	JULIE HOYLE	GBR	2023	1500 M. FREE				3:18.41	IRINA SHANGINA	RUS	2020
2:44.90	ROBYN CROTTY	NZL	2021	20:05.72	S.HEIM-BOWEN	USA	2023	3:20.12	MASUMI SATO	JPN	2022
2:45.80	MARJAN REMMITS	NED	2023	20:21.61	LAURA VAL	USA	2016	50 M. FLY			
2:46.75	BONNIE BILICH	USA	2018	20:37.33	NANCY MARTIN	USA	2021	32.57	PENNY P NOYES	USA	2019
2:48.13	JUDITH PEARSON	GBR	2022	20:37.63	S.LOFTUS-CHARLEY	USA	2016	33.06	LAURA VAL	USA	2017
400 M. I.M.				20:44.71	KAREN L EINSIDLER	USA	2021	33.56	CHARLOTTE DAVIS	USA	2016
5:37.15	LYNN MARSHALL	CAN	2022	20:47.65	LINDA BLAND	USA	2023	34.07	VERONICA HIBBEN	USA	2022
5:43.83	ROBYN CROTTY	NZL	2021	20:51.88	C.TARANTINO	ITA	2020	34.11	CHRISTIE CIRAULO	USA	2019
5:50.34	COLETTE CRABBE	USA	2017	21:01.04	CHRISTIE CIRAULO	USA	2019	34.30	LEIGH RODGERS	AUS	2022
5:51.11	BONNIE SPIVEY	USA	2018	21:03.06	SUSAN M RITTER	USA	2022	34.53	DIANN UUSTAL	USA	2013
5:51.81	LAURA VAL	USA	2011	21:21.43	M. HEFFERNAN	AUS	2021	34.68	JENNY WHITELEY	AUS	2023
5:57.07	JUDITH PEARSON	GBR	2022	50 M. BACK				35.15	TAEKO MURAKAMI	JPN	2022
5:57.70	CHARLOTTE DAVIS	USA	2010	33.41	LAURA B VAL	USA	2019	35.17	HARUMI SUGINUMA	JPN	2022
5:57.96	PIERRETTE MICHEL	BEL	2023	35.47	CECILIA MCCLOSKEY	USA	2018	100 M. FLY			
5:58.59	CECILIA STANFORD	RSA	2021	35.58	DIANN UUSTAL	USA	2011	1:13.47	LAURA B VAL	USA	2019
6:03.26	S.LOFTUS-CHARLEY	USA	2011	35.97	PENNY P NOYES	USA	2022	1:14.84	PENNY P NOYES	USA	2019
*****				36.37	JOAN L PFINGSGRAFF	USA	2019	1:17.99	LEIGH RODGERS	AUS	2022
WOMEN 65-69				36.58	MARGIT OHLSSON	SWE	2010	1:18.80	CHARLOTTE DAVIS	USA	2015
*****				36.72	WENDY MCNAMARA	USA	2023	1:20.71	COLETTE M CRABBE	USA	2022
50 M. FREE				36.85	CLARY MUNNS	AUS	2009	1:21.13	CECILIA MCCLOSKEY	USA	2016
29.30	LAURA VAL	USA	2016	37.06	K.ANDRUS-HUGHES	USA	2023	1:21.14	JEANNE L LAPPIN	USA	2022
29.44	PENNY P NOYES	USA	2019	37.10	RACHEL BARTON	GBR	2014	1:22.66	VERONICA HIBBEN	USA	2021
29.45	ALYSON FORDHAM	GBR	2023	100 M. BACK				1:22.67	ANDRA JAUNZEME	LAT	2021
29.91	JENNY WHITELEY	AUS	2023	1:13.08	LAURA VAL	USA	2018	1:23.41	BRIGITTE MERTEN	GER	2011
30.18	VERONICA HIBBEN	USA	2021	1:16.61	CECILIA MCCLOSKEY	USA	2018	200 M. FLY			
30.73	A.PIJTAK-RADERSMA	NED	2021	1:17.95	DIANN UUSTAL	USA	2011	2:45.20	LAURA VAL	USA	2016
30.76	LYNN MORRISON	USA	2019	1:17.99	JOAN L PFINGSGRAFF	USA	2019	3:02.56	PENNY P NOYES	USA	2022
30.79	CHARLOTTE DAVIS	USA	2015	1:18.70	ALYSON FORDHAM	GBR	2023	3:02.57	NANCY MARTIN	USA	2019
31.38	LINDSEY GOWLAND	GBR	2022	1:18.81	MARGIT OHLSSON	SWE	2011	3:03.97	S.LOFTUS-CHARLEY	USA	2016
31.64	SANDERINA KRUGER	RSA	2014	1:19.11	K.ANDRUS-HUGHES	USA	2023	3:04.64	LAURIE ALIOTO	USA	2023
100 M. FREE				1:19.47	BARBARA E CHURCH	USA	2019	3:08.06	COLETTE CRABBE	USA	2023
1:04.40	LAURA VAL	USA	2017	1:19.69	PENNY P NOYES	USA	2022	3:08.53	ANDRA JAUNZEME	LAT	2021
1:06.90	CHARLOTTE DAVIS	USA	2015	1:20.80	A.PIJTAK-RADERSMA	NED	2023	3:10.40	AMANDA HEATH	GBR	2023
1:07.07	ALYSON FORDHAM	GBR	2023	200 M. BACK				3:14.08	SALLY MILLS	GBR	2020
1:07.10	VERONICA HIBBEN	USA	2021	2:42.87	LAURA VAL	USA	2017	3:15.63	CAROLYN BOAK	USA	2012
1:07.16	PENNY P NOYES	USA	2022	2:48.83	JOAN L PFINGSGRAFF	USA	2019	100 M. I.M.			
1:08.00	A.PIJTAK-RADERSMA	NED	2021	2:50.10	CECILIA MCCLOSKEY	USA	2015	1:15.65	PENNY P NOYES	USA	2019
1:08.25	SANDERINA KRUGER	RSA	2015	2:53.36	DIANN UUSTAL	USA	2011	1:16.42	LAURA B VAL	USA	2019
1:09.52	CATHY MERRITT	CAN	2017	2:53.87	ALYSON FORDHAM	GBR	2023	1:19.10	CHARLOTTE DAVIS	USA	2015
1:09.58	LYNN MORRISON	USA	2021	2:55.02	MARGIT OHLSSON	SWE	2011	1:19.29	COLETTE M CRABBE	USA	2022
1:10.66	CONNIE BOER-BUYS	NED	2016	2:55.16	DIANE COETZEE	RSA	2021	1:19.69	ALYSON FORDHAM	GBR	2023
200 M. FREE				2:55.98	K.ANDRUS-HUGHES	USA	2023	1:20.10	A.PIJTAK-RADERSMA	NED	2023
2:23.26	LAURA VAL	USA	2017	2:56.62	A.PIJTAK-RADERSMA	NED	2023	1:20.86	DIANN UUSTAL	USA	2011
2:29.21	VERONICA HIBBEN	USA	2022	2:57.20	PENNY P NOYES	USA	2022	1:20.95	COLETTE CRABBE	USA	2023
2:29.35	CHARLOTTE DAVIS	USA	2015	50 M. BRST				1:21.17	CECILIA MCCLOSKEY	USA	2017
2:30.33	JENNY WHITELEY	AUS	2023	38.90	DAGMAR FRESE	GER	2021	1:21.43	VERONICA HIBBEN	USA	2022
2:33.14	ALYSON FORDHAM	GBR	2022	39.36	JENNY WHITELEY	AUS	2023	200 M. I.M.			
2:33.72	NANCY MARTIN	USA	2019	40.11	AMANDA HEATH	GBR	2023	2:46.04	LAURA B VAL	USA	2019
2:33.93	SUSAN RITTER	USA	2023	40.66	SALLY SHIELDS	GBR	2019	2:52.76	COLETTE M CRABBE	USA	2022
				40.90	NOBUKO YASUDA	JPN	2010	2:53.33	CHARLOTTE DAVIS	USA	2015









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



15:46.65	LINDA MACPHERSON	CAN	2023	4:17.73	MASAYO AZUMA	JPN	2020	12:24.66	JAE HOWELL	USA	2007		
16:23.22	DOROTHY DICKEY	AUS	2015	4:30.54	TAYO FUJIEDA	JPN	2022						
16:25.24	BETTY LORENZI	USA	2012	4:38.73	JANE ASHER	GBR	2016	*****					
16:37.49	NAN BOHL	USA	2014	4:55.49	ANNEMARIE LUDICKE	GER	2023		WOMEN 90-94				
16:49.43	RITA SIMONTON	USA	2003	4:55.91	JUDIE OLIVER	CAN	2018	*****					
17:30.38	MAE WALDIE	CAN	2022	5:09.65	DOROTHY WILLIAMS	GBR	2008		50 M. FREE				
17:36.42	AIKO HORII	JPN	2015	5:10.70	NORIKO KIMURA	JPN	2018		45.42	JANE ASHER	GBR	2021	
17:47.07	MARIE SMITS	NED	2023	5:10.89	ETSUKO KIMURA	JPN	2014		49.09	MIEKO KAMOSHITA	JPN	2017	
	1500 M. FREE			5:11.46	NADIR TAUBERT	BRA	2018		50.72	OLGA KOKORINA	RUS	2013	
28:02.25	JANE ASHER	GBR	2016	5:12.28	DENISE ROBERTSON	AUS	2022		53.46	JEAN TROY	USA	2017	
30:50.51	BETTY LORENZI	USA	2012	50 M. FLY					53.97	JUDITH OLIVER	CAN	2022	
31:44.50	RITA SIMONTON	USA	2003	51.40	JUDIE OLIVER	CAN	2017		55.19	RUIKO KONO	JPN	2023	
32:37.40	DOROTHY DICKEY	AUS	2016	51.60	JANE ASHER	GBR	2017		55.24	LIZ WALLIS	AUS	2018	
33:03.30	MARGERIE MEYER	USA	2007	51.79	KATHARINA FLORA	HUN	2020		55.53	HISAKO KOGA	JPN	2007	
34:37.00	AIKO HORII	JPN	2016	52.13	K.FLORA-OROSZ	HUN	2019		55.55	TOKUYO KAMIGAKI	JPN	2016	
34:52.73	YOSHIKO KINOSHITA	JPN	2016	59.34	HELGA REICH	GER	2021		56.55	RITA SIMONTON	USA	2008	
35:01.96	MAE WALDIE	CAN	2022	1:00.29	SHOKO YAMADA	JPN	2023		100 M. FREE				
35:03.42	BETTY RUSS	USA	2012	1:02.04	LOIS KIVI NOCHMAN	USA	2009		1:44.21	JANE ASHER	GBR	2021	
35:19.16	EULAH VARTY	CAN	2019	1:05.25	MARCELA STASTNA	CZE	2023		1:58.28	OLGA KOKORINA	RUS	2013	
	50 M. BACK			1:06.92	JEAN TROY	USA	2012		1:59.56	JUDITH OLIVER	CAN	2023	
	45.54	YOSHIKO OSAKI	JPN	2023	1:07.35	JEAN DURSTON	USA	1999	1:59.88	MIEKO KAMOSHITA	JPN	2017	
	47.73	HELEN BIRD	AUS	2023	100 M. FLY				2:02.14	JEAN TROY	USA	2017	
	47.99	KATHARINA FLORA	HUN	2019	2:02.59	JUDIE OLIVER	CAN	2017	2:06.06	BETTY LORENZI	USA	2017	
	49.07	JANE ASHER	GBR	2016	2:21.77	LOIS KIVI NOCHMAN	USA	2009	2:07.65	RITA SIMONTON	USA	2008	
	51.29	MAE WALDIE	CAN	2022	2:27.22	BETTY RUSS	USA	2013	2:08.19	LIZ WALLIS	AUS	2018	
	51.75	BETTY LORENZI	USA	2012	2:33.28	FUMIKO NAKAMURA	JPN	2023	2:09.13	HISAKO KOGA	JPN	2008	
	53.00	U.MEYER-TONNDORF	GER	2021	2:36.50	JEAN DURSTON	USA	1999	2:09.25	DOROTHY DICKEY	AUS	2023	
	55.49	JUDIE OLIVER	CAN	2017	2:37.57	Y.KAPLAN-BADER	FRA	2013	200 M. FREE				
	56.46	KERSTIN GJORES	SWE	2012	2:40.62	MARIE SMITS	NED	2023	3:52.93	JANE ASHER	GBR	2021	
	56.51	MARCELA STASTNA	CZE	2023	2:51.00	MAXINE MERLINO	USA	1998	4:22.10	JUDITH OLIVER	CAN	2022	
	100 M. BACK			2:59.36	NADIR TAUBERT	BRA	2018		4:24.90	RITA SIMONTON	USA	2008	
	1:43.03	YOSHIKO OSAKI	JPN	2023	2:59.72	JUNE REYNOLDS	USA	2007	4:26.20	JEAN TROY	USA	2017	
	1:44.18	KATHARINA FLORA	HUN	2019	200 M. FLY				4:30.42	MAURINE KORNFELD	USA	2012	
	1:50.18	JANE ASHER	GBR	2016	4:40.42	JUDIE OLIVER	CAN	2017	4:31.99	LIZ WALLIS	AUS	2017	
	1:52.16	HELEN BIRD	AUS	2022	4:59.50	LOIS KIVI NOCHMAN	USA	2009	4:35.87	BETTY LORENZI	USA	2017	
	1:52.21	BETTY LORENZI	USA	2012	5:33.79	BETTY RUSS	USA	2012	4:49.27	AIKO HORII	JPN	2023	
	1:55.03	JUDIE OLIVER	CAN	2017	5:42.80	JEAN DURSTON	USA	1999	4:49.36	HISAKO KOGA	JPN	2008	
	1:56.20	MAE WALDIE	CAN	2022	5:53.10	FUMIKO NAKAMURA	JPN	2023	4:52.63	ELSA DE LEEUW	CAN	2014	
	1:56.60	HISAKO KITAYAMA	JPN	2022	6:01.46	MAXINE MERLINO	USA	1998	400 M. FREE				
	2:04.31	FUSAKO KATO	JPN	2022	6:04.28	Y.KAPLAN-BADER	FRA	2014	9:01.89	RITA SIMONTON	USA	2008	
	2:05.64	NANCY KINNEY	USA	2015	6:10.94	NADIR TAUBERT	BRA	2018	9:19.42	JUDITH OLIVER	CAN	2023	
		200 M. BACK			6:26.75	JAE HOWELL	USA	2007	9:21.61	MAURINE KORNFELD	USA	2013	
	3:48.62	KATHARINA FLORA	HUN	2019	6:41.13	HARUKO SASAKI	JPN	2017	9:36.25	LIZ WALLIS	AUS	2017	
	3:57.91	JANE ASHER	GBR	2016	100 M. I.M.				10:01.56	HISAKO KOGA	JPN	2007	
	4:05.00	BETTY LORENZI	USA	2014	1:47.02	JANE ASHER	GBR	2016	10:06.85	BETTY BRUSSEL	CAN	2015	
	4:18.50	EDITH THEIN	ISR	2003	1:49.10	KATHARINA FLORA	HUN	2019	10:11.17	AIKO HORII	JPN	2022	
	4:20.14	JUDIE OLIVER	CAN	2018	1:55.76	JUDIE OLIVER	CAN	2017	10:22.21	NAN BOHL	USA	2019	
	4:29.09	NANCY KINNEY	USA	2015	1:58.23	TAYO FUJIEDA	JPN	2022	10:29.76	WILLY VAN RYSEL	GBR	2006	
	4:31.04	MAE WALDIE	CAN	2022	2:01.59	HELGA REICH	GER	2022	10:33.62	ELSA DE LEEUW	CAN	2014	
	4:31.92	KERSTIN GJORES	SWE	2012	2:08.06	JEAN TROY	USA	2012	800 M. FREE				
	4:32.04	KASUMI ISHIKAWA	JPN	2020	2:08.96	DENISE ROBERTSON	AUS	2022	18:38.69	MAURINE KORNFELD	USA	2011	
	4:34.10	AIKO GOTO	JPN	2016	2:09.97	MARCELA STASTNA	CZE	2022	18:38.98	RITA SIMONTON	USA	2008	
		50 M. BRST			2:12.85	JEWELL COOKE	USA	1995	20:07.33	BETTY BRUSSEL	CAN	2014	
		52.17	AGNES OBERGHEIN	BEL	2016	2:12.90	AGNES KISS	HUN	2013	20:46.41	AIKO HORII	JPN	2022
		52.33	SHOKO YONEZAWA	JPN	2022	200 M. I.M.			21:16.76	WILLY VAN RYSEL	GBR	2006	
		53.08	GISELA GRUNER	GER	2022	3:57.27	KATHARINA FLORA	HUN	2019	22:18.84	MAXINE MERLINO	USA	2002
		55.33	ELIANE PELLIS	BEL	2018	4:02.82	JANE ASHER	GBR	2016	22:40.67	FUMI MURATA	JPN	2014
		56.39	TAYO FUJIEDA	JPN	2022	4:06.22	JUDIE OLIVER	CAN	2017	22:57.60	VALERIE LINCOLN	AUS	2015
		58.27	JANE ASHER	GBR	2016	4:13.70	TAYO FUJIEDA	JPN	2022	23:14.76	JOAN K CAMPBELL	USA	2021
		59.00	M.KAPCAROVA	SVK	2013	4:48.96	JEAN TROY	USA	2012	23:17.55	KALIS RASMUSSEN	CAN	2015
		1:00.27	SYLVIA EISELE	CAN	2014	4:59.06	LOIS KIVI NOCHMAN	USA	2009	1500 M. FREE			
		1:00.29	KRISTIN NORSTAD	USA	2023	5:04.14	Y.KAPLAN-BADER	FRA	2013	33:41.77	JANE ASHER	GBR	2021
		1:00.45	ETSUKO KIMURA	JPN	2014	5:09.92	MARIA LENK	BRA	2000	35:40.38	RITA SIMONTON	USA	2008
			100 M. BRST			5:12.01	JEAN DURSTON	USA	1999	41:20.62	WILLY VAN RYSEL	GBR	2006
		1:56.68	AGNES OBERGHEIN	BEL	2016	5:12.13	MAXINE MERLINO	USA	1998	41:59.32	FUMI MURATA	JPN	2013
		1:59.34	MASAYO AZUMA	JPN	2022	400 M. I.M.			44:27.18	MAXINE MERLINO	USA	2002	
		2:02.08	TAYO FUJIEDA	JPN	2022	8:42.45	JUDIE OLIVER	CAN	2017	45:12.58	KALIS RASMUSSEN	CAN	2015
		2:03.00	SHOKO YONEZAWA	JPN	2022	10:13.73	JEAN TROY	USA	2012	47:40.80	JOAN K CAMPBELL	USA	2021
		2:03.78	ELIANE PELLIS	BEL	2018	10:28.05	LOIS KIVI NOCHMAN	USA	2009	48:36.59	KATH JOHNSTONE	NZL	2007
		2:08.05	JANE ASHER	GBR	2017	10:39.21	Y.KAPLAN-BADER	FRA	2014	50:36.15	LILLIAN WARREN	CAN	2010
		2:11.98	SATOKO SUZUKI	JPN	2009	10:55.73	JEAN DURSTON	USA	1999	51:04.00	BARBARA EISELE	USA	2023
		2:15.32	JUDIE OLIVER	CAN	2018	11:02.02	MAXINE MERLINO	USA	1998	50 M. BACK			
		2:17.21	ETSUKO KIMURA	JPN	2014	11:16.04	BETTY RUSS	USA	2015	55.59	JANE ASHER	GBR	2021
		2:18.42	OLGA KOKORINA	RUS	2012	11:51.00	KALIS RASMUSSEN	CAN	2009	56.84	BETTY LORENZI	USA	2017
			200 M. BRST			12:04.38	NADIR TAUBERT	BRA	2019	1:01.42	JUDITH OLIVER	CAN	2022



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



1:04.17	KERSTIN GJORES	SWE	2017	3:21.00	DOROTHY WESTON	GBR	2003	15:28.76	MASAKO MATSUNO	JPN	2012
1:05.45	LIZ WALLIS	AUS	2017	3:29.11	NADIR TAUBERT	BRA	2023	18:16.17	CHARLOTTE SANDDAL	USA	2019
1:05.70	WILLY VAN RYSEL	GBR	2006	3:45.69	NORA RONAI	BRA	2014	19:20.68	BERNARDA ANGULO	ESP	2007
1:06.29	KALIS RASMUSSEN	CAN	2014	4:06.32	JEWELL COOK	USA	1999	19:24.06	ROSA SELLARES	ESP	2006
1:06.44	NANCY KINNEY	USA	2019	5:02.23	CHARLOTTE SANDDAL	USA	2016	21:39.84	ANNE DUNIVIN	USA	2011
1:08.11	AIKO GOTO	JPN	2021	200 M.	FLY			800 M.	FREE		
1:08.16	NOEL MORROW	CAN	2009	5:33.79	JUDITH OLIVER	CAN	2022	20:57.02	MAURINE KORNFELD	USA	2016
100 M.	BACK			9:17.02	NORA RONAI	BRA	2014	21:29.69	BETTY BRUSSEL	CAN	2019
2:01.17	JANE ASHER	GBR	2021	100 M.	I.M.			27:58.70	MIEKO NAGAOKA	JPN	2010
2:04.90	BETTY LORENZI	USA	2017	2:09.47	JANE ASHER	GBR	2022	31:30.34	CHARLOTTE SANDDAL	USA	2018
2:24.46	PERSIS RAE	AUS	2010	2:10.73	JUDITH OLIVER	CAN	2022	1500 M.	FREE		
2:24.66	WILLY VAN RYSEL	GBR	2006	2:22.96	OLGA KOKORINA	RUS	2013	42:34.14	RITA SIMONTON	USA	2013
2:29.35	AIKO GOTO	JPN	2021	2:34.39	JEAN TROY	USA	2017	55:14.66	MIEKO NAGAOKA	JPN	2011
2:29.86	HANA ENATSU	JPN	2013	2:51.20	RITA SIMONTON	USA	2008	62:37.00	CHARLOTTE SANDDAL	USA	2018
2:30.23	JUDITH OLIVER	CAN	2023	2:52.60	NADIR TAUBERT	BRA	2023	50 M.	BACK		
2:30.57	KALIS RASMUSSEN	CAN	2015	2:53.56	NORA RONAI	BRA	2014	1:12.24	NORA KUTTI	EST	2017
2:32.24	RITA SIMONTON	USA	2010	2:55.03	AGNES KISS	HUN	2018	1:12.64	LIZ WALLIS	AUS	2022
2:33.39	ELBA TERRAGNO	ARG	2023	2:58.00	NAN BOHL	USA	2019	1:17.82	KALLIS RASMUSSEN	CAN	2019
200 M.	BACK			3:00.22	HIROKO TAKAO	JPN	2023	1:20.28	MIEKO NAGAOKA	JPN	2010
4:24.90	BETTY LORENZI	USA	2017	200 M.	I.M.			1:20.79	MAURINE KORNFELD	USA	2018
4:57.77	PERSIS RAE	AUS	2010	4:50.01	JUDITH OLIVER	CAN	2022	1:22.21	SUGAKO KUWAYAMA	JPN	2018
4:58.65	JUDITH OLIVER	CAN	2023	5:40.20	JEAN TROY	USA	2017	1:25.98	MICHELE GUILLAIS	FRA	2016
5:02.82	WILLY VAN RYSEL	GBR	2006	5:58.46	RITA SIMONTON	USA	2008	1:26.21	FUMI MURATA	JPN	2018
5:22.86	AIKO GOTO	JPN	2022	5:58.99	NADIR TAUBERT	BRA	2023	1:27.92	EDITH HENDRY	USA	2006
5:23.16	NANCY KINNEY	USA	2019	6:25.12	MAXINE MERLINO	USA	2003	1:31.72	MARION BEULKE	AUS	2022
5:24.31	MAURINE KORNFELD	USA	2014	6:56.70	JEWEL COOKE	USA	1999	100 M.	BACK		
5:29.42	HIDEKO HANADA	JPN	2009	7:00.01	KALIS RASMUSSEN	CAN	2015	2:42.13	KALLIS RASMUSSEN	CAN	2019
5:29.45	LIZ WALLIS	AUS	2018	7:16.26	CHARLOTTE SANDDAL	USA	2012	2:42.88	MAURINE KORNFELD	USA	2016
5:30.54	KIMIKO OOKA	JPN	2019	7:40.70	YOSHIE HASEGAWA	JPN	2015	2:47.83	LIZ WALLIS	AUS	2022
50 M.	BRST			8:03.59	BARBARA M EISELE	USA	2022	2:50.50	BETTY BRUSSEL	CAN	2019
59.04	A.OBBERGHEN-PIETE	BEL	2023	400 M.	I.M.			2:53.81	NORA KUTTI	EST	2017
1:02.33	OLGA KOKORINA	RUS	2013	10:29.18	JUDITH OLIVER	CAN	2022	2:55.44	MIEKO NAGAOKA	JPN	2009
1:08.36	JUDITH OLIVER	CAN	2022	13:55.37	NORA RONAI	BRA	2014	2:59.71	RITA SIMONTON	USA	2014
1:09.76	ETSUKO KIMURA	JPN	2019	14:55.37	JEWEL COOKE	USA	1999	3:06.14	KALIS RASMUSSEN	CAN	2022
1:10.01	NADIR TAUBERT	BRA	2023					3:25.37	EDITH HENDRY	USA	2006
1:11.00	INGEBORG FRITZE	GER	2011					3:25.96	MANUEL PINA	ESP	2020
1:15.48	FUSAKO TOMINARI	JPN	2007					200 M.	BACK		
1:16.42	NORA RONAI	BRA	2014					5:42.83	KALLIS RASMUSSEN	CAN	2019
1:17.85	JEAN TROY	USA	2017					5:50.15	MAURINE KORNFELD	USA	2017
1:18.38	KALIS RASMUSSEN	CAN	2015	50 M.	FREE			6:24.50	MIEKO NAGAOKA	JPN	2009
100 M.	BRST			1:00.28	LIZ WALLIS	AUS	2022	6:40.72	LIZ WALLIS	AUS	2022
2:13.42	A.OBBERGHEN-PIETE	BEL	2023	1:04.68	MAURINE KORNFELD	USA	2016	7:36.62	EDITH HENDRY	USA	2006
2:25.58	OLGA KOKORINA	RUS	2013	1:06.82	BETTY BRUSSEL	CAN	2019	7:45.68	GUDRUN KLOOS	RSA	2021
2:26.86	JUDITH OLIVER	CAN	2022	1:07.27	NORA KUTTI	EST	2017	7:53.59	VALERIE LINCOLN	AUS	2019
2:35.96	ETSUKO KIMURA	JPN	2019	1:13.87	SHIZUE SHIMIZU	JPN	2006	8:07.70	M.MAANDONKS	NED	2022
2:39.62	NADIR TAUBERT	BRA	2023	1:17.23	MARION BEULKE	AUS	2022	9:20.51	BERNARDA ANGULO	ESP	2008
2:42.59	JANE ASHER	GBR	2022	1:18.91	MIEKO KAMOSHITA	JPN	2023	9:37.39	ROSA SELLARES	ESP	2005
2:46.46	INGEBORG FRITZE	GER	2011	1:20.91	KIKUE ISHII	JPN	2017	50 M.	BRST		
2:51.02	JEAN TROY	USA	2017	1:21.48	LAURA OLIVEIRA	BRA	2014	1:32.51	KALLIS RASMUSSEN	CAN	2019
3:00.44	KALIS RASMUSSEN	CAN	2015	1:21.93	MIEKO NAGAOKA	JPN	2009	1:35.66	BETTY BRUSSEL	CAN	2022
3:01.08	NAKA FUKUOKA	JPN	2014	100 M.	FREE			1:42.55	NAKA FUKUOKA	JPN	2018
200 M.	BRST			2:16.63	MAURINE KORNFELD	USA	2017	1:50.07	LAURA OLIVEIRA	BRA	2014
5:15.24	OLGA KOKORINA	RUS	2013	2:18.07	LIZ WALLIS	AUS	2022	1:57.56	AKIKO ONOHARA	JPN	2023
5:31.06	NADIR TAUBERT	BRA	2023	2:25.65	BETTY BRUSSEL	CAN	2019	2:02.87	M.MAANDONKS	NED	2022
5:37.56	JUDITH OLIVER	CAN	2023	2:59.01	MIEKO NAGAOKA	JPN	2010	2:03.90	GUDRUN KLOOS	RSA	2021
5:42.43	ETSUKO KIMURA	JPN	2019	3:00.03	VALERIE LINCOLN	AUS	2019	2:05.63	CHARLOTTE SANDDAL	USA	2018
5:48.13	JANE ASHER	GBR	2022	3:06.38	MARION BEULKE	AUS	2022	2:05.76	NORA RONAI	BRA	2023
6:31.21	INGEBORG FRITZE	GER	2011	3:10.36	MARIE KELLEHER	USA	2008	2:25.20	MIEKO NAGAOKA	JPN	2010
6:37.73	MARIA LENK	BRA	2005	3:26.81	LAURA OLIVEIRA	BRA	2014	100 M.	BRST		
6:39.70	ANN M HIRSCH	USA	2021	3:28.31	CHARLOTTE SANDDAL	USA	2018	3:42.93	NAKA FUKUOKA	JPN	2018
6:45.18	KALIS RASMUSSEN	CAN	2014	3:37.37	GUDRUN KLOOS	RSA	2021	3:52.50	BETTY BRUSSEL	CAN	2019
6:59.08	BETTY BRUSSEL	CAN	2016	200 M.	FREE			4:03.49	KALIS RASMUSSEN	CAN	2022
50 M.	FLY			4:56.12	MAURINE KORNFELD	USA	2017	4:28.42	CHARLOTTE SANDDAL	USA	2018
1:02.60	JUDITH OLIVER	CAN	2022	5:03.79	LIZ WALLIS	AUS	2022	4:43.59	M.MAANDONKS	NED	2021
1:21.95	CHARLOTTE SANDDAL	USA	2012	5:09.24	BETTY BRUSSEL	CAN	2019	200 M.	BRST		
1:25.65	NORA RONAI	BRA	2014	5:25.74	RITA SIMONTON	USA	2013	7:22.30	KALLIS RASMUSSEN	CAN	2019
1:25.90	EMIKO SEKINO	JPN	2019	6:17.47	MIEKO NAGAOKA	JPN	2009	8:27.91	BETTY BRUSSEL	CAN	2019
1:30.41	RITA SIMONTON	USA	2008	6:18.94	VALERIE LINCOLN	AUS	2019	8:54.85	KALIS RASMUSSEN	CAN	2022
1:33.23	HIROKO TAKAO	JPN	2023	6:50.52	MARIE KELLEHER	USA	2008	9:20.70	CHARLOTTE SANDDAL	USA	2018
1:34.61	DOROTHY WESTON	GBR	2003	8:13.16	LAURA OLIVEIRA	BRA	2014	9:48.17	M.MAANDONKS	NED	2021
1:35.50	NADIR TAUBERT	BRA	2023	8:26.16	M.MAANDONKS	NED	2022	50 M.	FLY		
1:35.56	MAXINE MERLINO	USA	2002	8:43.79	CHARLOTTE SANDDAL	USA	2019	2:12.78	MAURINE KORNFELD	USA	2017
1:48.46	MARIE KELLEHER	USA	2006	400 M.	FREE			2:21.86	CHARLOTTE SANDDAL	USA	2018
100 M.	FLY			10:08.44	MAURINE KORNFELD	USA	2016	3:09.88	NORA RONAI	BRA	2023
2:28.60	JUDITH OLIVER	CAN	2022	10:51.23	BETTY BRUSSEL	CAN	2019	100 M.	I.M.		
				13:05.10	MIEKO NAGAOKA	JPN	2010				

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



3:32.13 MAURINE KORNFELD USA 2016	1:46.52 ADAM RITTER USA 2013	26.72 L.CLIFFORD-STEPHE GBR 2018
3:40.57 KALLIS RASMUSSEN CAN 2019	1:48.74 MARWAN ELAMRAWY EGY 2021	26.99 LAWRENCE PALMER GBR 2017
3:54.89 MARIE KELLEHER USA 2008	1:48.81 JOHN KEPPELER USA 1995	27.02 T.YANAGISAWA JPN 2023
4:11.22 CHARLOTTE SANDDAL USA 2018	1:49.02 RYOUTA MAEJIMA JPN 2023	27.02 SHOTARO SHIMAZAKI JPN 2022
4:53.90 KALIS RASMUSSEN CAN 2022	1:49.30 DREW MODROV USA 2018	27.14 KANAYA YUKI JPN 2021
200 M. I.M.	1:49.51 DAVID ALCOLADO ESP 2018	27.18 MARK CAMPBELL GBR 2017
9:32.59 CHARLOTTE SANDDAL USA 2018	1:49.53 REGAN LLOYD GBR 2023	27.19 ANTON TISCHENKO RUS 2019
	1:49.59 MASATAKA MISHIMA JPN 2018	27.24 Y.FURUKAWA JPN 2023
*****	400 M. FREE	27.31 EETU KARVONEN USA 2013
	3:51.56 WILLIAM RYLEY GBR 2023	27.34 YUTA SATO JPN 2023
WOMEN 100-104	3:52.83 DREW MODROV USA 2018	100 M. BRST
*****	3:53.60 SYLVAIN CROS FRA 2007	58.14 SHOTARO SHIMAZAKI JPN 2021
50 M. FREE	3:55.84 LUCA PUCE ITA 2014	58.96 KANAYA YUKI JPN 2018
1:15.61 MAURINE KORNFELD USA 2021	3:56.47 RYOUTA MAEJIMA JPN 2022	59.14 T.YANAGISAWA JPN 2023
1:34.12 MIEKO NAGAOKA JPN 2014	3:56.53 A.ANGELOTTI BRA 2001	59.21 KAKERU OHTANI JPN 2023
100 M. FREE	3:56.60 MARTIN HOHL SUI 2009	59.21 EETU KARVONEN USA 2013
3:30.49 MIEKO NAGAOKA JPN 2014	3:56.66 AURELIEN COQ FRA 2004	59.23 LAWRENCE PALMER GBR 2017
4:00.48 CHARLOTTE SANDDAL USA 2022	3:57.03 ERIC NILSSON USA 2013	59.24 RYO KOBAYASHI JPN 2014
200 M. FREE	3:57.24 STEVEN MELLOR GBR 2000	59.51 ANTON CHUPKOV RUS 2023
7:27.89 MIEKO NAGAOKA JPN 2014	800 M. FREE	59.72 KOUHEI GOTOU JPN 2023
8:40.55 CHARLOTTE SANDDAL USA 2022	8:07.91 A.ANGELOTTI BRA 2001	59.92 SHU YANAGISAWA JPN 2023
400 M. FREE	8:13.81 G.ORPHANIDES GBR 2003	200 M. BRST
16:40.10 MIEKO NAGAOKA JPN 2014	8:14.75 ALEX KOSTICH USA 1997	2:07.55 JOSH PRENOT USA 2018
18:09.17 CHARLOTTE SANDDAL USA 2022	8:15.70 MATTEO MONTANARI ITA 2018	2:08.28 KANAYA YUKI JPN 2018
800 M. FREE	8:17.22 DREW MODROV USA 2018	2:08.83 KAKERU OHTANI JPN 2023
36:51.23 MIEKO NAGAOKA JPN 2014	8:17.80 ERIC NILSSON USA 2013	2:10.58 DMITRIY GORBUNOV RUS 2019
38:20.13 CHARLOTTE SANDDAL USA 2022	8:18.16 RYOUTA MAEJIMA JPN 2023	2:10.68 RYO KOBAYASHI JPN 2013
1500 M. FREE	8:18.51 ALEXANDR SHIMIN RUS 2017	2:10.78 ANTON CHUPKOV RUS 2023
75:54.39 MIEKO NAGAOKA JPN 2015	8:18.68 RAFAEL CABANILLAS ESP 2015	2:11.81 SEAN MAHONEY USA 2014
50 M. BACK	8:20.78 TAKUTO KITAYAMA JPN 2019	2:11.90 LAWRENCE PALMER GBR 2017
1:29.22 MAURINE KORNFELD USA 2021	1500 M. FREE	2:12.88 AKAI SHIN JPN 2022
1:38.71 MIEKO NAGAOKA JPN 2014	15:29.68 G.ORPHANIDES GBR 2003	2:13.68 KAZUKI KOHINATA JPN 2022
3:53.60 ROSA SELLARES ESP 2010	15:41.81 ALEX KOSTICH USA 1997	50 M. FLY
100 M. BACK	15:50.89 H.ALBERTO RIBEIRO POR 2015	23.15 RYAN J HELD USA 2021
2:55.51 MAURINE KORNFELD USA 2021	15:51.03 AKIRA OTANI JPN 2014	23.33 RYO ISHII JPN 2017
3:42.81 MIEKO NAGAOKA JPN 2014	15:52.34 MATTEO MONTANARI ITA 2018	23.34 ADAM BARRETT GBR 2021
3:54.19 CHARLOTTE SANDDAL USA 2022	15:56.29 MARTIN HOHL SUI 2008	23.42 T.YANAGISAWA JPN 2023
200 M. BACK	15:56.57 RAFAEL CABANILLAS ESP 2014	23.53 RUNAR BORGES USA 2018
6:22.14 MAURINE KORNFELD USA 2021	16:07.48 FEDERICO FILOSI ITA 2016	23.53 DARIAN TOWNSEND USA 2013
7:40.01 MIEKO NAGAOKA JPN 2014	16:08.62 TAMMO SCHROEDER GER 2009	23.60 YOSHIHIRO ASO JPN 2014
7:40.01 MIEKO NAGAOKA JPN 2014	16:10.74 TIMOFEY LEGOSHIN RUS 2023	23.66 DAISUKE ABE JPN 2009
8:19.28 CHARLOTTE SANDDAL USA 2022	50 M. BACK	23.70 OLIVER WENZEL GER 2009
100 M. BRST	23.70 RYAN J HELD USA 2021	23.74 YASUHIRO WADA JPN 2018
6:02.24 CHARLOTTE SANDDAL USA 2022	23.80 RALF TRIBUNTSOV EST 2021	100 M. FLY
200 M. BRST	23.95 SHOTA TAKESHITA JPN 2021	51.38 ADAM BARRETT GBR 2021
12:48.34 CHARLOTTE SANDDAL USA 2022	24.13 OSCAR PEREIRO ESP 2019	52.42 YASUHIRO WADA JPN 2018
100 M. I.M.	24.17 MARCO LOUGHRAN GBR 2014	52.45 KO FUKAYA JPN 2016
5:01.09 CHARLOTTE SANDDAL USA 2022	24.29 RYOUTA MAEJIMA JPN 2023	52.45 DARIAN TOWNSEND USA 2013
*****	24.55 DARIAN TOWNSEND USA 2013	52.46 DANIL PAHOMOV RUS 2023
	24.63 TONY COX USA 2018	52.56 TONY COX USA 2016
M E N 25-29	24.64 ALEKSANDR ZOTOV RUS 2023	52.59 MARCIN CIESLAK USA 2019
*****	24.81 JUNICHI MORITA JPN 2018	52.92 DANIEL BELINI BRA 2009
50 M. FREE	100 M. BACK	53.00 DAVID RUSSELL USA 2014
21.28 RYAN J HELD USA 2021	51.63 RYOUTA MAEJIMA JPN 2023	53.04 KIYOTAKA INOUE JPN 2013
21.37 CESAR CIELO USA 2014	52.94 SHOTA TAKESHITA JPN 2021	200 M. FLY
21.59 A.LIUKKONEN FIN 2014	52.99 TONY COX USA 2016	1:53.72 WATARAI SHUN JPN 2021
21.84 SHUN KAWASAKI JPN 2023	53.34 JUNICHI MORITA JPN 2018	1:55.36 KO FUKAYA JPN 2019
21.89 ADAM BARRETT GBR 2021	53.38 DAVID RUSSELL USA 2014	1:58.72 KOHEI FUKAZAWA JPN 2022
21.95 KAWASAKI SHUN JPN 2021	53.85 RYO ISHII JPN 2015	1:58.87 TAKATSUGU OGA JPN 2016
22.08 DARIAN TOWNSEND USA 2013	54.10 KOSUKE SHIOTANI JPN 2023	1:59.48 FREDERICO CASTRO BRA 2017
22.10 VLADISLAV GRINEV RUS 2023	54.23 LEONARDO SUMIDA BRA 2011	1:59.74 MARK LEWIS GBR 2008
22.14 RUNAR BORGES USA 2018	54.33 SERGEY ZHURAVLEV RUS 2022	1:59.80 MAKSIM GANIKHIN RUS 2012
22.18 RYO ISHII JPN 2018	54.47 TAKASHI TAKEMOTO JPN 2012	1:59.92 SATOSHI TORATANI JPN 2008
100 M. FREE	200 M. BACK	1:59.95 EDUARD REDNIC GBR 2021
47.43 CESAR CIELO USA 2014	1:56.01 RYOUTA MAEJIMA JPN 2023	2:00.88 KIYOTAKA IDO JPN 2015
48.14 VLADISLAV GRINEV RUS 2023	1:56.22 STEFAN HERBST GER 2006	100 M. I.M.
48.19 NIKITA LOBINTSEV USA 2017	1:57.64 WILLIAM RYLEY GBR 2023	52.78 RYAN J HELD USA 2021
48.29 DARIAN TOWNSEND USA 2013	1:57.66 DMITRIY GORBUNOV RUS 2019	53.47 DARIAN TOWNSEND USA 2013
48.32 ADAM RITTER USA 2014	1:58.21 SERGEY ZHURAVLEV RUS 2022	53.53 ADAM RITTER USA 2014
48.58 S.KUNZELMANN GER 2005	1:59.37 JUNICHI MORITA JPN 2018	54.50 T.YANAGISAWA JPN 2023
48.64 RYAN J HELD USA 2021	1:59.68 IAN POWELL GBR 2011	54.58 RYOUTA MAEJIMA JPN 2023
48.91 A.MERZLYAKOV RUS 2023	2:00.23 SHOGO MATSUI JPN 2018	54.80 RYO ISHII JPN 2015
48.93 DREW MODROV USA 2017	2:00.53 EGOR IOGIN RUS 2023	54.84 ISAMU MIZOKUCHI JPN 2022
48.99 NIKITA MAXIMOV RUS 2021	2:00.59 TAKASHI TAKEMOTO JPN 2016	55.13 MARTIN LIIVAMAGI EST 2017
200 M. FREE	50 M. BRST	55.13 YUTA SHOJI JPN 2010
1:44.90 DARIAN TOWNSEND USA 2013		
1:46.52 RYAN J HELD USA 2021		

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



55.20	STEFAN HERBST	GER	2004	8:13.62	MATTEO MONTANARI	ITA	2019	2:11.17	DMITRIY GORBUNOV	RUS	2021
200 M. I.M.				8:17.06	ALEX KOSTICH	USA	2000	2:11.58	RYO KOBAYASHI	JPN	2019
1:58.91	KUWAYAMA KEN	JPN	2020	8:18.56	RAFAEL CABANILLAS	ESP	2017	2:12.23	ARTEM BABIKHIN	RUS	2021
1:58.96	DMITRIY GORBUNOV	RUS	2019	8:19.13	SEBASTIAN WIESE	GER	2004	2:12.34	SHOTARO SHIMAZAKI	JPN	2023
1:59.15	CONRADO LINO	BRA	2023	8:19.44	BRUCE HAYES	USA	1994	2:12.58	HIROYUKI KOSAKA	JPN	2010
1:59.70	K.GILCHRIST	FRA	2010	8:22.07	ALBERT GALLARDO	ESP	2014	2:12.92	KYOSUKE YONEHARA	JPN	2010
1:59.79	ADAM RITTER	USA	2013	8:22.07	DAVID GENET	FRA	2013	2:13.16	K.GILCHRIST	GBR	2013
2:00.55	YAMADA HIROYA	JPN	2023	1500 M. FREE				2:13.60	KAZUYA KOIKE	JPN	2009
2:00.56	STEFAN HERBST	GER	2006	15:30.92	CHAD TOURETTE	USA	2019	2:14.16	YUYA YAMADA	JPN	2023
2:00.63	ISAMU MIZOKUCHI	JPN	2022	15:48.79	MATTEO MONTANARI	ITA	2020	50 M. FLY			
2:01.58	DEAN KENT	NZL	2005	15:51.07	ALEX KOSTICH	USA	2000	22.78	OLEG KOSTIN	RUS	2023
2:01.78	RYOUTA MAEJIMA	JPN	2022	15:53.48	RAFAEL CABANILLAS	ESP	2018	22.87	THOMAS RUPPRATH	GER	2009
400 M. I.M.				15:54.44	LUCA PUCE	ITA	2015	23.18	NIKITA KONOVALOV	RUS	2022
4:14.51	IKUMI HASEGAWA	JPN	2009	16:05.18	ERIC T NILSSON	USA	2021	23.31	RYO ISHII	JPN	2023
4:19.10	WILLIAM RYLEY	GBR	2023	16:06.84	IGOR PIOVESAN	ITA	2008	23.43	KAZUYA KISHI	JPN	2023
4:20.94	DEAN KENT	NZL	2005	16:08.19	L.GIOVANNINI	ITA	2019	23.44	HENRIQUE MARTINS	BRA	2022
4:26.08	JULIEN BAILLOD	SUI	2009	16:08.42	DAVID GENET	FRA	2014	23.52	MARCIN CIENLAK	POL	2023
4:26.63	YUUKI TEDUKA	JPN	2023	16:09.53	JULIEN BAILLOD	SUI	2013	23.59	YOSHIHIRO ASO	JPN	2019
4:26.79	JOHN KEPPELER	USA	1995	50 M. BACK				23.66	NIKOLAY SKVORTSOV	RUS	2017
4:26.97	ALEX KOSTICH	USA	1997	23.86	NELSON JUNIOR	BRA	2017	23.96	TAKUYA HASEGAWA	JPN	2019
4:27.31	SOHEI WASHINO	JPN	2019	24.56	SHOTA TAKESHITA	JPN	2023	100 M. FLY			
4:27.84	ILYA LYAPIN	RUS	2023	24.58	RODRIGO TRIVINO	BRA	2016	52.40	KO FUKAYA	JPN	2022
4:28.12	GIORGIO PAOLETTI	ITA	2012	24.68	DMITRIY MALTSEV	RUS	2023	52.44	DARIAN TOWNSEND	USA	2016
				24.68	SERGEY MAKOV	RUS	2019	52.63	STEFAN HERBST	GER	2011
				24.73	CHARLES HOCKIN	PAR	2022	52.67	GLAUBER SILVA	BRA	2016
				24.75	DARIAN TOWNSEND	USA	2016	53.14	YOSHIHIRO ASO	JPN	2015
				24.77	NIKITA KONOVALOV	RUS	2022	53.57	KAZUYA KISHI	JPN	2023
				24.81	DERYA BUYUKUNCU	USA	2009	53.65	SIMON BURNETT	USA	2017
				24.83	JUNICHI MORITA	JPN	2021	53.83	NAOYA HIRANO	JPN	2018
				100 M. BACK				53.84	UENO TATSUYA	JPN	2019
				52.13	JUNICHI MORITA	JPN	2022	54.06	SEIJI TANIGUCHI	JPN	2018
				52.68	DERYA BUYUKUNCU	USA	2009	200 M. FLY			
				53.27	DMITRIY MALTSEV	RUS	2023	1:53.56	NIKOLAY SKVORTSOV	RUS	2017
				53.58	CHARLES HOCKIN	PAR	2022	1:57.41	DARIAN TOWNSEND	USA	2016
				53.73	FABIO SANTI	BRA	2023	1:58.77	KO FUKAYA	JPN	2023
				53.88	TAKASHI TAKEMOTO	JPN	2021	1:59.23	JUNICHI MORITA	JPN	2022
				54.49	D. BLACKBORROW	AUS	2016	1:59.30	ITOU TATSUYA	JPN	2019
				54.53	SERGEY MAKOV	RUS	2019	1:59.51	MARCELO TOMAZINI	BRA	2009
				54.65	SIMON BURNETT	USA	2014	2:00.21	HIROSHI MIURA	JPN	2000
				54.87	T.TAKEUCHI	JPN	2017	2:00.50	TAMAS KEREKJARTO	USA	2009
				200 M. BACK				2:01.48	CAMERON OWEN	USA	2023
				1:53.66	JUNICHI MORITA	JPN	2022	2:01.92	TAKATSUGU OGA	JPN	2023
				1:55.46	DERYA BUYUKUNCU	USA	2009	100 M. I.M.			
				1:56.68	STEFAN HERBST	GER	2008	53.28	DARIAN TOWNSEND	USA	2016
				1:58.50	DMITRIY GORBUNOV	RUS	2022	54.41	P.KORZENIOWSKI	POL	2018
				1:58.96	CHARLES HOCKIN	PAR	2022	54.61	ADAM RITTER	USA	2015
				2:00.08	HAYATE MATSUBARA	JPN	2022	54.64	RYO ISHII	JPN	2023
				2:00.17	MASAYA KANEKO	JPN	2018	54.81	MARCIN CIENLAK	POL	2023
				2:00.43	MARTIN ZUBERO	USA	2001	54.86	YOSHIHIRO ASO	JPN	2019
				2:01.89	ADRIANO NIZ	POR	2017	55.00	STEFAN HERBST	GER	2008
				2:02.15	EDUARDO SEVIERI	BRA	2015	55.10	SIMON BURNETT	USA	2016
				50 M. BRST				55.28	DMITRIY MALTSEV	RUS	2023
				26.72	FELIPE LIMA	BRA	2018	55.30	JUNICHI MORITA	JPN	2023
				26.77	JORGE ALONZO	ESP	2009	200 M. I.M.			
				27.08	SHOTARO SHIMAZAKI	JPN	2023	1:56.96	DARIAN TOWNSEND	USA	2016
				27.11	MARCELO TOMAZINI	BRA	2009	1:57.68	TAMAS KEREKJARTO	USA	2009
				27.13	KOHEI TOMINAGA	JPN	2021	1:58.13	STEFAN HERBST	GER	2008
				27.15	BRANDON FISCHER	USA	2023	1:59.60	NIKOLAY SKVORTSOV	RUS	2017
				27.23	SERGEY GEYBEL	RUS	2015	2:00.11	JUNICHI MORITA	JPN	2022
				27.40	RYO KOBAYASHI	JPN	2019	2:00.39	P.KORZENIOWSKI	POL	2018
				27.64	SHIOTUKI TOMOHIRO	JPN	2019	2:00.90	ITOU TATSUYA	JPN	2019
				27.65	A. GONZALEZ	ESP	2023	2:02.09	SIMON BURNETT	USA	2017
				100 M. BRST				2:02.20	HIROYUKI KOSAKA	JPN	2010
				58.64	BRANDON FISCHER	USA	2023	2:03.04	KEITH BEAVERS	CAN	2014
				58.67	SHOTARO SHIMAZAKI	JPN	2023	400 M. I.M.			
				59.10	KOHEI TOMINAGA	JPN	2021	4:13.68	DARIAN TOWNSEND	USA	2015
				59.11	RYO KOBAYASHI	JPN	2019	4:19.69	TAMAS KEREKJARTO	USA	2009
				59.85	SERGEY GEYBEL	RUS	2015	4:22.35	ASUKA KOZUMI	JPN	2009
				1:00.68	ARTEM BABIKHIN	RUS	2023	4:24.21	FRANS JOHANNESSEN	DEN	2023
				1:00.79	SHIOTUKI TOMOHIRO	JPN	2019	4:25.00	KEITH BEAVERS	CAN	2014
				1:00.81	ED MOSES	USA	2011	4:25.05	JUNICHI MORITA	JPN	2021
				1:00.95	RYOSUKE IMAI	JPN	2011	4:26.74	ROQUE SANTOS	USA	1999
				1:01.04	DMITRIY GORBUNOV	RUS	2023	4:27.02	JOCHEN HANZ	GER	2008
				200 M. BRST				4:28.79	RYOYA TAGUCHI	JPN	2018
				2:08.12	BRANDON FISCHER	USA	2023	4:28.83	K.GILCHRIST	GBR	2013

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



*****	25.08 RICARDO LEAL	POR 2023	52.69 MAKSIM GANIKHIN	RUS 2023
*****	25.20 MANABU SASAKI	JPN 2023	52.78 TAKUYA HASEGAWA	JPN 2020
M E N 35-39	25.21 MATTHEW CLAY	GBR 2021	53.17 NIKOLAY SKVORTSOV	RUS 2023
*****	25.26 NAOYA HIRANO	JPN 2021	53.59 ITO TATSUYA	JPN 2023
50 M. FREE	25.30 RODRIGO TRIVINO	BRA 2019	54.25 TAKEFUMI KAKIZOE	JPN 2019
21.53 MARK FOSTER	25.39 TOMOYA FUKUI	JPN 2022	54.27 IGOR MARCHENKO	USA 2011
21.81 ROLAND SCHOEMAN	100 M. BACK		54.56 EIJI NOMURA	JPN 2010
22.03 STEFANO RAZETO	54.57 MANABU SASAKI	JPN 2023	54.60 GLAUBER SILVA	BRA 2023
22.28 YOSHIHIRO ASO	54.59 C.REQUENO SOLER	ESP 2023	54.70 M.EROLI	ITA 2012
22.46 GUILHERME SANTOS	54.60 TAKASHI TAKEMOTO	JPN 2022	200 M. FLY	
22.47 JOHN MIRANDA	54.66 DARIAN R TOWNSEND	USA 2019	2:00.01 ITO TATSUYA	JPN 2023
22.48 BENJAMIN HOCKIN	54.80 LEONARDO SUMIDA	BRA 2021	2:02.25 RYOYA TAGUCHI	JPN 2023
22.48 RYK NEETHLING	55.01 MICHAEL KLUEH	USA 2023	2:02.77 TAKEFUMI KAKIZOE	JPN 2018
22.49 P.KORZENIOWSKI	55.31 T.TAKEUCHI	JPN 2018	2:02.98 BRENT CREAGER	USA 2014
22.62 ANDREY KURNOSOV	55.32 YUUKI TAKEUCHI	JPN 2018	2:03.05 M.EROLI	ITA 2012
100 M. FREE	55.48 A.TARABRIN	RUS 2023	2:03.31 EIJI NOMURA	JPN 2009
47.70 ROLAND SCHOEMAN	55.56 BENJAMIN HOCKIN	PAR 2022	2:03.76 FERNANDO ALAEZ	ESP 2011
48.58 BENJAMIN HOCKIN	200 M. BACK		2:04.06 ISAMU TSUZUKI	JPN 2012
49.27 ADAM J RITTER	1:59.58 KEVIN NEAD	USA 2023	2:04.50 BOBBY PATTEN	USA 1999
49.37 STEFANO RAZETO	2:00.34 RON KARNAUGH	USA 2002	2:05.84 MIKE SHAFFER	USA 2000
49.40 P.KORZENIOWSKI	2:01.18 MICHAEL P KLUEH	USA 2022	100 M. I.M.	
49.53 JOHN MIRANDA	2:01.55 STEFAN HERBST	GER 2013	54.86 P.KORZENIOWSKI	POL 2022
49.61 GUILHERME SANTOS	2:01.74 MASAYA KANEKO	JPN 2022	54.90 BENJAMIN HOCKIN	PAR 2021
49.67 MIKEL BILDOSOLA	2:03.20 DEREK GUFFEY	USA 2009	54.91 DARIAN R TOWNSEND	USA 2019
49.68 TAKUYA HASEGAWA	2:03.38 MANABU SASAKI	JPN 2023	55.16 ADAM J RITTER	USA 2021
50.43 JOSE JUNIOR	2:03.47 RYOYA TAGUCHI	JPN 2021	55.40 YOSHIHIRO ASO	JPN 2021
200 M. FREE	2:03.75 MAURIZIO TERSAR	ITA 2015	56.07 MARK BAARS	NED 2020
1:48.36 BENJAMIN HOCKIN	2:03.85 MARCO MACCIANTI	ITA 2017	56.19 ITO TATSUYA	JPN 2023
1:49.22 SHOGO HIHARA	50 M. BRST		56.29 YUTA SHOJI	JPN 2019
1:51.31 ERIK HOCHSTEIN	26.66 ROLAND SCHOEMAN	USA 2018	56.31 TAKEFUMI KAKIZOE	JPN 2018
1:51.33 IRAKLI REVISHVILI	27.32 SERGEY GEYBEL	RUS 2016	56.36 GLENN COUNTS	USA 2012
1:51.47 JOCHEN BRUHA	27.34 RYO KOBAYASHI	JPN 2023	200 M. I.M.	
1:51.54 RYOYA TAGUCHI	27.52 RYOUTA NOMURA	JPN 2023	1:59.85 DARIAN R TOWNSEND	USA 2019
1:51.54 MICHAEL ROSS	27.79 JEFF COMMINGS	USA 2009	2:01.96 ITO TATSUYA	JPN 2023
1:51.99 ANDY GRANT	27.93 MARK BAARS	NED 2020	2:03.04 RYOYA TAGUCHI	JPN 2021
1:52.22 ADAM J RITTER	28.12 MIN KWANG SHU	CAN 2023	2:03.29 RON KARNAUGH	USA 2002
1:52.90 RON KARNAUGH	28.26 BENJAMIN HOCKIN	PAR 2022	2:04.89 DEREK GUFFEY	USA 2009
400 M. FREE	28.28 CHRIS TOBIN	CAN 2023	2:05.03 TAKEFUMI KAKIZOE	JPN 2018
3:53.30 IRAKLI REVISHVILI	28.30 LUCAS LEITE	BRA 2023	2:05.28 M.EROLI	ITA 2013
3:57.77 ERIK HOCHSTEIN	28.30 STEVE WEST	USA 2009	2:05.79 TAMAS KEREKJARTO	USA 2018
3:58.46 NICOLA NISATO	100 M. BRST		2:06.39 HIROYUKI KOSAKA	JPN 2011
3:58.50 F.SILVESTRI	59.65 RYO KOBAYASHI	JPN 2023	2:06.45 YOSHIHIRO ASO	JPN 2023
3:59.71 JACOB CARSTENSEN	1:00.10 RYOUTA NOMURA	JPN 2023	400 M. I.M.	
3:59.98 L.GIOVANNINI	1:00.21 ADAM J RITTER	USA 2021	4:19.79 DARIAN R TOWNSEND	USA 2019
4:00.33 GUY-NOEL SCHMITT	1:00.61 SERGEY GEYBEL	RUS 2016	4:24.36 RON KARNAUGH	USA 2003
4:00.42 YURI GOTTI	1:01.18 RYOSUKE IMAI	JPN 2013	4:26.11 RYOYA TAGUCHI	JPN 2021
4:00.63 RYOYA TAGUCHI	1:01.30 MARTTI ALJAND	EST 2023	4:30.09 CLAUS IVERSEN	DEN 2015
4:01.53 EDUARD MANNANOV	1:01.36 P.KORZENIOWSKI	POL 2023	4:30.77 JULIEN BAILLOD	SUI 2016
800 M. FREE	1:01.47 JEFF COMMINGS	USA 2009	4:30.81 DEREK GUFFEY	USA 2009
8:08.20 IRAKLI REVISHVILI	1:01.63 STEVE WEST	USA 2009	4:31.30 L.GIOVANNINI	ITA 2023
8:13.92 ROGER RABASSA	1:01.85 JOSE SARAIVA	BRA 2023	4:32.97 UWE VOLK	GER 2009
8:16.19 ALEX KOSTICH	200 M. BRST		4:33.58 EDUARDO SEVIERI	BRA 2021
8:19.24 CHAD LA TOURETTE	2:15.42 KAZUYA KOIKE	JPN 2014	4:33.88 TAKEFUMI KAKIZOE	JPN 2018
8:19.97 L.GIOVANNINI	2:15.64 STEVE WEST	USA 2011	*****	
8:20.40 NICOLA NISATO	2:16.49 NICK GILLINGHAM	GBR 2004	M E N 40-44	
8:21.92 YURI GOTTI	2:16.59 JOSE SARAIVA	BRA 2023	*****	
8:22.41 EDUARD MANNANOV	2:16.72 STEPHAN PERROT	FRA 2015	50 M. FREE	
8:23.06 ERIK HOCHSTEIN	2:16.78 SERGEY GOGOL	RUS 2017	22.23 ANDREJS DUDA	LAT 2022
8:25.33 GUY-NOEL SCHMITT	2:16.81 CHRISTOPHER JONES	GBR 2017	22.39 FILIPPO MAGNINI	ITA 2023
1500 M. FREE	2:16.82 MARK BAARS	NED 2020	22.54 MIKEL BILDOSOLA	ESP 2023
15:41.78 CHAD LA TOURETTE	2:17.47 BLAKE HOLDEN	USA 2014	22.67 ANDREI KURNOSOV	RUS 2022
15:56.57 ALEX KOSTICH	2:17.96 RON KARNAUGH	USA 2002	22.73 J.SANCHES JUNIOR	BRA 2023
15:58.12 L.GIOVANNINI	50 M. FLY		22.75 HIDEAKI HARA	JPN 2016
15:58.20 BOBBY PATTEN	22.97 LIONEL BRAHIM	FRA 2010	22.92 DAISUKE HOSOKAWA	JPN 2023
16:02.32 GUY-NOEL SCHMITT	23.12 ROLAND SCHOEMAN	USA 2018	23.05 O.PLANES OSORIO	ESP 2016
16:03.47 MIKE SHAFFER	23.63 STEFANO RAZETO	GER 2021	23.06 M.GIALDI	ITA 2010
16:05.94 RICHARD STANNARD	23.64 YOSHIHIRO ASO	JPN 2023	23.13 BRIAN JACOBSON	USA 2013
16:07.85 FRED CLATWORTHY	23.64 ADAM PINE	AUS 2011	100 M. FREE	
16:09.00 RAFAEL CABANILLAS	23.68 P.KORZENIOWSKI	POL 2023	48.68 FILIPPO MAGNINI	ITA 2023
16:09.52 LUIZ PIRES	23.69 TAKUYA HASEGAWA	JPN 2020	49.40 ANDREJS DUDA	LAT 2022
50 M. BACK	23.72 LARS FROLANDER	SWE 2011	49.64 HIDEAKI HARA	JPN 2017
24.48 STEFANO RAZETO	23.78 MAKSIM GANIKHIN	RUS 2023	49.70 MIKEL BILDOSOLA	ESP 2023
24.95 C.REQUENO SOLER	23.78 GLAUBER SILVA	BRA 2023	50.34 J.SANCHES JUNIOR	BRA 2023
24.97 LEONARDO SUMIDA	100 M. FLY		50.43 MICHAEL ROSS	USA 2008
25.00 SERGEY MAKOV	52.24 ADAM PINE	AUS 2011		



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



50.45	ERIK HOCHSTEIN	USA	2009	2:05.95	SHINYA HAYASHI	JPN	2021	56.98	TAKEFUMI KAKIZOE	JPN	2022
50.58	LARS FROLANDER	SWE	2015	2:06.66	MARK VOGEL	DEN	2010	57.07	HIDEAKI HARA	JPN	2016
50.90	O.PLANES OSORIO	ESP	2016	2:06.77	ANTONINO TRIPPODO	ITA	2016	57.09	ANDREI KURNOSOV	RUS	2023
50.92	RODRIGO CASTRO	BRA	2021	2:06.78	TAKAYUKI MIYASAKA	JPN	2015	57.19	JEFF COMMINGS	USA	2014
200 M. FREE				2:07.16	NICOLAS GRANGER	FRA	2010	57.30	TAKASHI NISHIYAMA	JPN	2023
1:50.08	MICHAEL ROSS	USA	2008	2:07.31	HONZA VITAZKA	SWE	2016	57.34	BEN HARKIN	GBR	2018
1:51.50	RODRIGO CASTRO	BRA	2021	50 M. BRST				57.39	ALBERTO MONTINI	ITA	2010
1:51.91	CLAUS IVERSEN	DEN	2017	27.05	ROLAND SCHOEMAN	USA	2023	57.63	MIKEL BILDOSOLA	ESP	2023
1:51.95	ERIK HOCHSTEIN	USA	2009	27.68	FILIPPO MAGNINI	ITA	2023	200 M. I.M.			
1:53.03	KAI DITZEL	GER	2004	28.02	ANDREI KURNOSOV	RUS	2023	2:03.45	MARKUS A ROGAN	USA	2022
1:53.42	D.STOCKINGER	AUT	2023	28.06	RYOSUKE IMAI	JPN	2019	2:05.46	ROQUE SANTOS	USA	2009
1:54.24	MIKEL BILDOSOLA	ESP	2023	28.21	JEFF COMMINGS	USA	2018	2:06.12	TAKEFUMI KAKIZOE	JPN	2023
1:54.62	ALBERTO MONTINI	ITA	2010	28.51	GEOFF WELLS	USA	2022	2:06.71	JEFF COMMINGS	USA	2016
1:54.92	SAMUELE PAMPANA	ITA	2017	28.52	STEVE WEST	USA	2014	2:06.97	NICOLAS GRANGER	FRA	2010
1:55.00	TAKAHIRO MORI	JPN	2020	28.68	C.VANDERKAAY	USA	2022	2:07.20	HIROYUKI KOSAKA	JPN	2017
400 M. FREE				28.69	FELIPE SANTOS	BRA	2021	2:07.53	ASUKA KOIZUMI	JPN	2019
3:59.68	SAMUELE PAMPANA	ITA	2017	28.76	ALBERTO MONTINI	ITA	2010	2:07.71	ERIK HOCHSTEIN	USA	2008
4:00.67	KAI DITZEL	GER	2004	100 M. BRST				2:07.88	UWE VOLK	GER	2010
4:00.80	ALBERTO MONTINI	ITA	2009	1:01.42	STEVE WEST	USA	2014	2:07.96	PETER BERMEL	GER	2007
4:00.98	RODRIGO CASTRO	BRA	2021	1:01.75	JEFF COMMINGS	USA	2018	400 M. I.M.			
4:01.32	ERIK HOCHSTEIN	USA	2009	1:02.05	CHRIS JONES	GBR	2023	4:22.29	MARKUS ROGAN	USA	2023
4:01.66	MARKUS ROGAN	USA	2023	1:02.06	GEOFF WELLS	USA	2022	4:30.68	ERIC CHRISTENSEN	USA	2014
4:02.00	JACOB CARSTENSEN	DEN	2018	1:02.38	RYOSUKE IMAI	JPN	2019	4:31.92	UWE VOLK	GER	2011
4:02.23	CLAUS IVERSEN	DEN	2017	1:02.42	ALBERTO MONTINI	ITA	2009	4:31.96	ASUKA KOIZUMI	JPN	2019
4:03.27	NICOLA NISATO	ITA	2018	1:02.86	BEN HARKIN	GBR	2018	4:32.05	ROQUE SANTOS	USA	2008
4:04.16	GUSTAVO HELENO	BRA	2016	1:02.94	HIROSHI TENMA	JPN	2022	4:33.90	ALBERTO MONTINI	ITA	2009
800 M. FREE				1:03.08	VLADISLAV BRAGIN	RUS	2011	4:34.67	JACOB CARSTENSEN	DEN	2018
8:15.69	SAMUELE PAMPANA	ITA	2017	1:03.11	VAL BAGRI	USA	2015	4:35.15	ERIK HOCHSTEIN	USA	2008
8:21.50	NICOLA NISATO	ITA	2018	200 M. BRST				4:35.52	HONZA VITAZKA	SWE	2016
8:21.78	ALEX KOSTICH	USA	2011	2:13.72	STEVE WEST	USA	2014	4:35.57	NICOLAS GRANGER	FRA	2007
8:24.88	R SEAN JUSTICE	USA	2016	2:14.38	HIROSHI TENMA	JPN	2023	*****			
8:25.08	ERIK HOCHSTEIN	USA	2009	2:15.84	CHRIS JONES	GBR	2023	M E N 45-49			
8:27.03	ERIC CHRISTENSEN	USA	2014	2:15.95	ALBERTO MONTINI	ITA	2009	*****			
8:27.25	JACOB CARSTENSEN	DEN	2019	2:16.03	ROQUE SANTOS	USA	2009	50 M. FREE			
8:28.16	ALEJANDRO MORENO	MEX	2009	2:17.50	STEPHAN PERROT	FRA	2017	22.85	HIDEAKI HARA	JPN	2019
8:28.23	DANIEL SERRA	ESP	2009	2:19.31	BEN HARKIN	GBR	2018	23.15	DAVID CEBRIA	ESP	2023
8:28.93	GUSTAVO HELENO	BRA	2016	2:19.91	RYOSUKE IMAI	JPN	2019	23.29	JOAKIM HOLMQUIST	SWE	2016
1500 M. FREE				2:20.19	HAJIME MORIMOTO	JPN	2010	23.54	RAVIL NAGAEV	RUS	2019
15:51.60	SAMUELE PAMPANA	ITA	2016	2:20.51	BLAKE A HOLDEN	USA	2019	23.54	ISAMU TSUZUKI	JPN	2018
16:02.94	NICOLA NISATO	ITA	2019	50 M. FLY				23.54	VLADIMIR PREDKIN	RUS	2014
16:07.46	DANIEL SERRA	ESP	2009	23.80	ANDREJS DUDA	LAT	2022	23.58	SIPHIWE BALEKA	USA	2016
16:09.32	MIKE SHAFFER	USA	2009	23.90	KOHEI KAWAMOTO	JPN	2023	23.65	MATTHEW BLONDI	USA	2012
16:19.00	ERIC CHRISTENSEN	USA	2014	24.14	LARS FROLANDER	SWE	2014	23.68	S.KUNZELMANN	GER	2023
16:19.16	R SEAN JUSTICE	USA	2016	24.33	TAKASHI NISHIYAMA	JPN	2019	23.69	M.GIALDI	ITA	2014
16:22.21	DINO SCHORN	ITA	2009	24.53	ANDREI KURNOSOV	RUS	2023	100 M. FREE			
16:23.60	IGOR PIOVESAN	ITA	2014	24.66	MIKEL BILDOSOLA	ESP	2023	49.99	HIDEAKI HARA	JPN	2019
16:23.95	F.SILVESTRI	ITA	2003	24.72	EIJI NOMURA	JPN	2013	51.24	RODRIGO CASTRO	BRA	2023
16:32.10	ASUKA KOIZUMI	JPN	2019	24.91	MICHAEL ROSS	USA	2008	51.30	NICOLAS GRANGER	FRA	2012
50 M. BACK				24.97	DAISUKE HOSOKAWA	JPN	2023	52.12	STEFAN HERBST	GER	2023
25.48	M.WAKABAYASHI	JPN	2021	24.97	MARCIN KACZMAREK	POL	2020	52.22	ISAMU TSUZUKI	JPN	2019
25.53	MICHAEL ROSS	USA	2009	100 M. FLY				52.23	S.KUNZELMANN	GER	2023
25.78	MARCIN KACZMAREK	POL	2018	53.56	KOHEI KAWAMOTO	JPN	2023	52.53	MARK THOMPSON	AUS	2015
25.94	EDILSON JUNIOR	BRA	2012	53.81	LARS FROLANDER	SWE	2014	52.54	PAUL SMITH	USA	2007
26.04	PABLO ABAL	ARG	2019	54.41	TAKASHI NISHIYAMA	JPN	2023	52.55	VLADIMIR PREDKIN	RUS	2014
26.17	ALEXANDR SHILIN	RUS	2017	54.46	ANDREJS DUDA	LAT	2022	52.62	MARC ALLAN	RSA	2023
26.22	C.GIBSON	USA	2023	54.98	EIJI NOMURA	JPN	2014	200 M. FREE			
26.22	DANIEL LOTANO	USA	2022	55.53	BRENT CREAGER	USA	2023	1:52.58	RODRIGO CASTRO	BRA	2023
26.33	DANIEL LONNBERG	SWE	2015	55.64	KEI NAKASHIMA	JPN	2023	1:52.87	NICOLAS GRANGER	FRA	2012
26.44	KENICHI KANEKO	JPN	2022	55.72	TAKEFUMI KAKIZOE	JPN	2022	1:53.35	HIDEAKI HARA	JPN	2022
100 M. BACK				55.82	MICHAEL ROSS	USA	2008	1:54.73	KAI DITZEL	GER	2008
54.85	MICHAEL ROSS	USA	2008	55.97	ISAMU TSUZUKI	JPN	2013	1:55.72	CLAUS IVERSEN	DEN	2022
55.90	CHRIS STEVENSON	USA	2008	2:02.97	WILLIAM SPECHT	USA	1998	1:55.88	FABIO CALMASINI	ITA	2013
56.22	ENRICO CATALANO	ITA	2023	2:04.42	FERNANDO ALAEZ	ESP	2016	1:55.91	MARK THOMPSON	AUS	2015
56.89	TAKUMA YAMAOKA	JPN	2018	2:04.42	EIJI NOMURA	JPN	2012	1:56.00	PAUL SMITH	USA	2007
57.18	MAURIZIO TERSAR	ITA	2017	2:05.72	TOSHIYUKI IBE	JPN	2010	1:56.26	MARCUS MATTIOLI	BRA	2009
57.36	DANIEL LONNBERG	SWE	2015	2:05.96	ISAMU TSUZUKI	JPN	2014	1:56.62	ISAMU TSUZUKI	JPN	2018
57.41	SHINYA HAYASHI	JPN	2019	2:06.04	BRENT CREAGER	USA	2023	1:56.62	KEITH SWITZER	USA	2009
57.53	STEFAN HERBST	GER	2022	2:06.06	UWE VOLK	GER	2010	400 M. FREE			
57.53	TAKEFUMI KAKIZOE	JPN	2022	2:06.16	M.EROLI	ITA	2017	4:03.10	FABIO CALMASINI	ITA	2015
57.64	JEFF COMMINGS	USA	2018	2:06.48	DENNIS BAKER	USA	2005	4:03.81	NICOLAS GRANGER	FRA	2015
200 M. BACK				2:06.56	TAKEFUMI KAKIZOE	JPN	2023	4:05.90	KAI DITZEL	GER	2008
2:03.84	MICHAEL ROSS	USA	2008	100 M. I.M.				4:08.87	MARK THOMPSON	AUS	2015
2:04.29	MAURIZIO TERSAR	ITA	2016	56.80	DAISUKE HOSOKAWA	JPN	2023	4:08.89	HIDEAKI HARA	JPN	2023
2:04.51	M.WAKABAYASHI	JPN	2021	56.91	TAKASHI NICHIIYAMA	JPN	2019	4:08.93	MARCUS MATTIOLI	BRA	2005
2:04.96	CHRIS STEVENSON	USA	2008								



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



17:03.45	MARCUS MATTIOLI	BRA	2011	25.74	STEVE HILTABIDDLE	USA	2018	24.97	LARS RENNER	GER	2023
17:07.36	GREG STREPPPEL	CAN	2019	25.85	FREDERIC TONUS	BEL	2023	24.98	JERRY KOLLROSS	USA	2017
17:11.44	BARTON WELLS	USA	2017	25.94	NICOLAS GRANGER	FRA	2018	100 M.	FREE		
17:13.75	MIKE SHAFFER	USA	2016	26.00	SCOTT HEBER	USA	2016	54.32	CALVIN MAUGHAN	SWE	2019
50 M.	BACK			26.04	FRITZ BEDFORD	USA	2014	54.50	JACK GROSELLE	USA	2009
25.30	ROBERTO ESTESO	ESP	2019	26.10	PETER S MOORE	USA	2022	54.86	NAKKAS AHMET	TUR	2017
26.06	MIKHAIL GROMOV	RUS	2023	100 M.	FLY			55.06	NICOLAS GRANGER	FRA	2023
26.69	FRITZ BEDFORD	USA	2015	55.85	EIJI NOMURA	JPN	2022	55.07	LARS RENNER	GER	2023
26.83	PETER MOORE	USA	2023	56.78	NICOLAS GRANGER	FRA	2018	55.12	PAUL TREVISAN	USA	2006
27.13	LARS KALENKA	GER	2023	57.25	MASATERU IKEDA	JPN	2022	55.14	STEVE WOOD	USA	2017
27.29	PETER S MOORE	USA	2022	57.29	PAUL CARTER	USA	2007	55.29	STEVE HILTABIDDLE	USA	2021
27.43	NICOLAS GRANGER	FRA	2017	57.36	FREDERIC TONUS	LUX	2023	55.31	MICHAEL HODGSON	GBR	2023
27.51	WILLIAM WEAVER	USA	2023	57.94	WILLIAM WEAVER	USA	2023	55.40	MICHAEL SODERLUND	USA	2018
27.51	SERKAN ATASAY	TUR	2022	58.30	DAVID SIMS	USA	2012	200 M.	FREE		
27.66	CRAIG NORREY	SUI	2011	58.46	MIKHAIL GROMOV	RUS	2023	1:59.08	MICHAEL MANN	USA	2009
100 M.	BACK			58.76	MARIO LLORET	ESP	2009	2:00.06	NICOLAS GRANGER	FRA	2023
57.95	NICOLAS GRANGER	FRA	2017	58.86	JAN BIDRMAN	CAN	2016	2:01.77	DINO SCHORN	ITA	2023
58.47	FRITZ BEDFORD	USA	2015	200 M.	FLY			2:03.33	HIROSHI MIURA	JPN	2023
59.79	HIROYOSHI MAETOGE	JPN	2015	2:07.66	EIJI NOMURA	JPN	2023	2:03.40	S.D'ALESSANDRO	ITA	1995
59.90	LARS KALENKA	GER	2023	2:08.05	NICOLAS GRANGER	FRA	2017	2:03.41	STEVEN L UNRUH	USA	2021
59.92	STEVE WOOD	USA	2011	2:10.52	MIKE SHAFFER	USA	2016	2:03.46	GIAN LUCA SONDALI	ITA	2022
1:00.25	FRANK GRUNER	GER	2022	2:11.15	MARCUS MATTIOLI	BRA	2014	2:03.47	CARLO TRAVAINI	ITA	2019
1:00.38	JAMIE FOWLER	USA	2009	2:11.70	DAVID SIMS	USA	2012	2:03.56	JACK GROSELLE	USA	2009
1:00.59	WILLIAM WEAVER	USA	2023	2:12.38	TOSHIYUKI IBE	JPN	2020	2:03.64	JAMES MCCONICA	USA	2005
1:00.70	YOSHINORI IWASAKI	JPN	2022	2:12.41	DENNIS BAKER	USA	2011	400 M.	FREE		
1:01.47	EDWIN VAN NORDEN	NED	2014	2:12.54	WILLIAM SPECHT	USA	2009	4:16.03	MICHAEL MANN	USA	2009
200 M.	BACK			2:12.90	HUGO BREGMAN	NED	2010	4:19.83	DINO SCHORN	ITA	2023
2:07.13	NICOLAS GRANGER	FRA	2017	2:13.06	MAURO CAPPELLETTI	ITA	2015	4:20.46	BRENT FOSTER	NZL	2022
2:10.00	LARS KALENKA	GER	2023	100 M.	I.M.			4:21.40	FABIO CALMASINI	ITA	2023
2:11.84	JAMIE FOWLER	USA	2009	57.69	NICOLAS GRANGER	FRA	2017	4:21.72	BARTON S WELLS	USA	2022
2:12.68	YOSHINORI IWASAKI	JPN	2022	59.26	FRANK GRUNER	GER	2023	4:22.69	PAUL LEMMON	AUS	2022
2:13.02	LUCA VIGNERI	ITA	2017	59.47	SERKAN ATASAY	TUR	2022	4:23.30	GIAN LUCA SONDALI	ITA	2022
2:13.05	WIESLAW MUSIAL	CAN	2009	59.87	ISAMU TSUZUKI	JPN	2023	4:24.19	KURT DICKSON	USA	2022
2:14.03	TOM WOLF	USA	2004	1:00.57	SCOTT HEBER	USA	2016	4:24.48	LUCA DI IACOVO	ITA	2022
2:14.34	LEN GUSHE	CAN	2013	1:00.76	MICHAEL HODGSON	GBR	2019	4:24.92	JIM MCCONICA	USA	2006
2:14.50	KURT DICKSON	USA	2018	1:00.86	WILLIAM WEAVER	USA	2023	800 M.	FREE		
2:14.62	FRANK GRUNER	GER	2022	1:00.96	DAVID SIMS	USA	2012	8:51.34	MICHAEL MANN	USA	2009
50 M.	BRST			1:01.20	SHUJI AZUMA	JPN	2017	8:59.27	BRENT FOSTER	NZL	2022
28.72	HIDEAKI TOGO	JPN	2023	1:01.21	JOHN LANDRETH	USA	2022	9:01.47	BARTON S WELLS	USA	2022
28.80	STEVE WEST	USA	2023	1:01.21	JEROME FRENTSOS	USA	2015	9:03.00	JIM MCCONICA	USA	2006
29.71	CARLO TRAVAINI	ITA	2017	200 M.	I.M.			9:05.58	FABIO CALMASINI	ITA	2023
29.79	JOAKIM HOLMQUIST	SWE	2019	2:06.38	NICOLAS GRANGER	FRA	2018	9:07.40	G.SCARAMEL	ITA	2008
29.82	VLADISLAV BRAGIN	RUS	2021	2:11.97	FRANK GRUNER	GER	2021	9:08.43	LUCA DI IACOVO	ITA	2022
29.82	NICOLAS GRANGER	FRA	2018	2:12.85	JEROME FRENTSOS	USA	2015	9:08.48	PAUL LEMMON	AUS	2022
29.84	DAVID GUTHRIE	USA	2013	2:13.18	KURT GROTE	USA	2023	9:10.25	KURT DICKSON	USA	2022
29.95	MICHAEL HODGSON	GBR	2017	2:13.40	JAMIE FOWLER	USA	2009	9:10.62	PETER DIXON	GBR	2023
29.97	YASUHIRO KOMORI	JPN	2023	2:13.50	DAVID SIMS	USA	2014	1500 M.	FREE		
30.05	SPINADIN PIANCA	ITA	2020	2:14.50	SCOTT HEBER	USA	2016	16:59.70	BRENT FOSTER	NZL	2022
100 M.	BRST			2:14.53	KEN SHILLING	USA	2008	17:07.13	FABIO CALMASINI	ITA	2023
1:03.59	HIDEAKI TOGO	JPN	2023	2:15.16	HAJIME MORIMOTO	JPN	2019	17:14.15	JAMES MCCONICA	USA	2005
1:03.76	STEVE WEST	USA	2023	2:15.16	TAIHEI SAKA	JPN	2014	17:21.15	BARTON S WELLS	USA	2022
1:04.28	NICOLAS GRANGER	FRA	2017	400 M.	I.M.			17:22.42	PETER DIXON	GBR	2023
1:04.54	DAVID GUTHRIE	USA	2013	4:29.33	NICOLAS GRANGER	FRA	2017	17:35.21	TOD SPIEKER	USA	2003
1:04.59	VLADISLAV BRAGIN	RUS	2022	4:45.15	JEROME FRENTSOS	USA	2015	17:35.99	MICHAEL KLEIBER	GER	2018
1:05.56	CARLO TRAVAINI	ITA	2017	4:46.15	FRANK GRUNER	GER	2022	17:37.46	LUCA DI IACOVO	ITA	2023
1:06.00	HAJIME MORIMOTO	JPN	2021	4:48.02	MARCUS MATTIOLI	BRA	2011	17:37.80	MIKE G SHAFFER	USA	2022
1:06.19	FRANK GRUNER	GER	2022	4:48.84	GREG STREPPPEL	CAN	2019	17:43.34	KURT DICKSON	USA	2022
1:06.25	MAKOTO ONODERA	JPN	2017	4:49.34	TAIHEI SAKA	JPN	2014	50 M.	BACK		
1:06.60	SPINADIN PIANCA	ITA	2020	4:49.43	KURT GROTE	USA	2023	27.62	STEVE WOOD	USA	2015
200 M.	BRST			4:49.49	DAVID SIMS	USA	2014	27.86	FRITZ BEDFORD	USA	2018
2:19.36	NICOLAS GRANGER	FRA	2018	4:50.38	EIJI NOMURA	JPN	2022	27.96	CRAIG NORREY	SUI	2016
2:19.98	HIDEAKI TOGO	JPN	2023	4:51.57	JAMIE FOWLER	USA	2009	28.77	SHUJI AZUMA	JPN	2022
2:21.65	DAVID GUTHRIE	USA	2013	*****				28.81	JAN BIDRMAN	CAN	2023
2:22.60	VLADISLAV BRAGIN	RUS	2022	M E N 55-59				28.95	THOMAS DOCKHORN	GER	2023
2:27.06	IAN SWIFT	GBR	2023	*****				28.97	HIROYOSHI MAETOGE	JPN	2022
2:27.13	HAJIME MORIMOTO	JPN	2018	50 M.	FREE			29.01	TOM BARTON	USA	2012
2:27.28	CARLO TRAVAINI	ITA	2017	24.37	CALVIN MAUGHAN	SWE	2019	29.02	HIROSHI SHIBUYA	JPN	2015
2:28.02	ALBERTO MONTINI	ITA	2018	24.51	BRENT BARNES	JPN	2015	29.07	PHILIPP DJANG	USA	2009
2:28.94	SHUJI AZUMA	JPN	2017	24.57	MICHAEL HODGSON	GBR	2023	100 M.	BACK		
2:29.00	ALEXEY PLEKHANOV	RUS	2018	24.66	STEVE WOOD	USA	2015	1:00.78	FRITZ BEDFORD	USA	2018
50 M.	FLY			24.70	PAUL TREVISAN	USA	2006	1:00.84	STEVE WOOD	USA	2015
24.96	EIJI NOMURA	JPN	2022	24.70	PAUL TREVISAN	USA	2006	1:02.26	MARCO COLOMBO	ITA	2015
25.40	MIKHAIL GROMOV	RUS	2023	24.82	HIROSHI MIURA	JPN	2023	1:02.38	JAMIE FOWLER	USA	2014
25.45	MASATERU IKEDA	JPN	2023	24.88	STEVE HILTABIDDLE	USA	2021	1:02.55	ALESSIO GERMANI	ITA	2023
25.49	DAN THOMPSON	CAN	2009	24.91	JACK GROSELLE	USA	2009	1:02.63	HIROSHI SHIBUYA	JPN	2016

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



1:02.72	HIROYOSHI MAETOGE	JPN	2023	2:19.72	JOHN CRAIG	USA	2009	2:08.21	MARCUS MATTIOLI	BRA	2023	
1:03.29	TOM BARTON	USA	2011	2:19.88	LEN GUSHE	CAN	2018	400 M.	FREE			
1:03.68	EDWIN VAN NORDEN	NED	2018	2:19.91	MIKE G SHAFFER	USA	2022	4:27.52	ARNALDO PEREZ	PUR	2023	
1:03.73	THOMAS DOCKHORN	GER	2023	2:20.24	ARNALDO PEREZ	PUR	2021	4:29.83	AHMET NAKKAS	TUR	2022	
	200 M.	BACK		2:20.81	MAURO CAPPELLETTI	ITA	2022	4:29.92	DAN STEPHENSON	USA	2017	
2:12.29	EDUARDO MAROCCO	BRA	2023	2:21.90	GREG SHAW	USA	2007	4:29.95	J.CARLOS VALLEJO	ESP	2023	
2:14.22	ALESSIO GERMANI	ITA	2023		100 M.	I.M.		4:31.91	JAMES RITTER	USA	2017	
2:15.37	LEN GUSHE	CAN	2018	1:00.75	MIKE IRVIN	USA	2023	4:33.32	CARLO TRAVAINI	ITA	2023	
2:15.79	JAMIE FOWLER	USA	2014	1:01.28	MICHAEL HODGSON	GBR	2023	4:35.15	JACK GROSELLE	USA	2014	
2:17.04	TOM BARTON	USA	2011	1:01.28	JEROME A FRENTSOS	USA	2021	4:35.39	JIM MC CONICA	USA	2012	
2:17.21	KURT DICKSON	USA	2022	1:01.31	CARLO TRAVAINI	ITA	2019	4:35.79	A.MARCO	ITA	2017	
2:17.22	NICOLAS GRANGER	FRA	2023	1:01.65	SHUJI AZUMA	JPN	2022	4:36.84	ANDERS HAGLUND	SWE	2021	
2:18.37	MICHAEL SODERLUND	USA	2018	1:01.76	STEVE WOOD	USA	2015	800 M.	FREE			
2:19.42	PHILIPP DJANG	USA	2009	1:01.94	MARK WELDON	NZL	2023	9:07.78	ARNALDO PEREZ	PUR	2022	
2:19.54	PAUL LEMMON	AUS	2022	1:02.68	HAJIME MORIMOTO	JPN	2023	9:14.50	ANDREW BRAY	USA	2018	
	50 M.	BRST		1:03.13	MARCO COLOMBO	ITA	2015	9:25.24	PAUL BLACKBEARD	AUS	2019	
	29.22	CARLO TRAVAINI	ITA	2020	1:03.14	JAMIE FOWLER	USA	2014	9:25.89	K.DELLBRUGGE	GER	2022
	30.37	DAVID GUTHRIE	USA	2016		200 M.	I.M.		9:28.01	DAN STEPHENSON	USA	2017
	30.50	WALTER KUSCH	GER	2009	2:14.15	NICOLAS GRANGER	FRA	2023	9:28.32	JIM MC CONICA	USA	2012
	30.55	MAKOTO ONODERA	JPN	2022	2:14.60	JEROME A FRENTSOS	USA	2020	9:30.11	J.CARLOS VALLEJO	ESP	2023
	30.62	MICHAEL HODGSON	GBR	2023	2:15.99	CARLO TRAVAINI	ITA	2019	9:30.45	AHMET NAKKAS	TUR	2022
	30.71	HAJIME MORIMOTO	JPN	2023	2:16.44	MICHAEL MANN	USA	2009	9:34.18	MARCUS MATTIOLI	BRA	2021
	30.85	ALEKSEY PLEKHANOV	RUS	2023	2:16.98	DAVE TOWN	CAN	2016	9:34.74	ALESSANDRO BRAVI	ITA	2017
	31.30	PAVEL LEBEDEV	RUS	2023	2:18.19	JAN BIDRMAN	CAN	2023	1500 M.	FREE		
	31.45	JENS LUTSCHIN	GER	2019	2:18.37	DAVID SIMS	USA	2017	17:34.51	ARNALDO A PEREZ	USA	2022
	31.46	STEFFEN SCHMOLKE	GER	2022	2:18.51	HAJIME MORIMOTO	JPN	2023	17:53.29	ANDREW BRAY	USA	2018
	100 M.	BRST		2:18.60	SHUJI AZUMA	JPN	2022	18:04.59	AHMET NAKKAS	TUR	2022	
1:04.26	CARLO TRAVAINI	ITA	2019	2:18.69	JAMIE FOWLER	USA	2014	18:07.65	BRUCE THOMAS	USA	2017	
1:06.72	HAJIME MORIMOTO	JPN	2023		400 M.	I.M.		18:23.61	MICHAEL KLEIBER	GER	2023	
1:06.80	DAVID GUTHRIE	USA	2016	4:49.86	BRENT FOSTER	NZL	2022	18:24.21	JIM MC CONICA	USA	2010	
1:07.63	MAKOTO ONODERA	JPN	2022	4:51.97	MICHAEL MANN	USA	2009	18:28.64	JIM CLEMMONS	USA	2010	
1:07.71	MICHAEL HODGSON	GBR	2022	4:56.22	NICOLAS GRANGER	FRA	2023	18:34.32	FERNANDO TELLEZ	ESP	2023	
1:08.13	WALTER KUSCH	GER	2009	4:58.95	CARLO TRAVAINI	ITA	2018	18:35.51	GLENN CARLSEN	CAN	2017	
1:08.31	ALEKSEY PLEKHANOV	RUS	2023	4:59.24	MARCO TENDERINI	ITA	2023	18:43.41	ANDERS HAGLUND	SWE	2021	
1:09.65	BENJAMIN V.D. WEL	USA	2020	5:00.03	JEROME A FRENTSOS	USA	2021	50 M.	BACK			
1:09.68	C.COVENY	USA	2017	5:00.10	PAUL LEMMON	AUS	2022	29.44	JAMIE FOWLER	USA	2019	
1:09.86	TSUYOSHI KATO	JPN	2022	5:00.54	JIM SAUER	USA	2012	29.64	PHILIPP DJANG	USA	2014	
	200 M.	BRST		5:02.33	PATRICK BRUNDAGE	CAN	2022	29.77	CRAIG NORREY	SUI	2022	
2:22.91	CARLO TRAVAINI	ITA	2018	5:03.37	LEN GUSHE	CAN	2018	29.86	TOM BARTON	USA	2016	
2:27.00	DAVID GUTHRIE	USA	2015		*****			29.89	BRUCE KONE	USA	2018	
2:29.89	HAJIME MORIMOTO	JPN	2023		M E N 60-64			30.05	FRANCISCO AMOROS	ESP	2019	
2:30.38	SHUJI AZUMA	JPN	2022		*****			30.18	A.EGIDO GARCIA	ESP	2023	
2:31.53	MAKOTO ONODERA	JPN	2022		50 M.	FREE		30.27	JONATHAN KLEIN	USA	2017	
2:32.15	JEROME A FRENTSOS	USA	2021	24.90	RICH ABRAHAMS	USA	2006	30.29	DIRK SZYMKOWIAK	GER	2022	
2:33.79	TIMOTHY SHEAD	USA	2009	25.26	BRENT BARNES	JPN	2018	30.31	HIROSHI SHIBUYA	JPN	2022	
2:35.30	DAVE TOWN	CAN	2016	25.37	AHMET NAKKAS	TUR	2023	100 M.	BACK			
2:35.73	G.HOFFMANN	USA	2012	25.38	DAVID EMERSON	GBR	2023	1:03.15	JAMIE FOWLER	USA	2019	
2:35.92	GREGORY HARRIS	USA	2018	25.39	DAN THOMPSON	CAN	2017	1:04.13	TOM BARTON	USA	2016	
	50 M.	FLY		25.40	PAUL TREVISAN	USA	2012	1:05.46	Z.JANUSZKIEWICZ	POL	2022	
	26.41	LARS RENNER	GER	2023	25.49	GARY TAYLOR	GBR	2023	1:05.62	PHILIPP DJANG	USA	2014
	26.43	STEVE HILTABIDDLE	USA	2021	25.58	DOUG MARTIN	USA	2013	1:05.68	RASTISLAV PAVLOK	SVK	2020
	26.45	DAN THOMPSON	CAN	2013	25.59	JACK GROSELLE	USA	2014	1:06.18	SHINJI ITOU	JPN	2023
	26.51	HIROSHI MIURA	JPN	2023	25.87	MARC MIDDLETON	USA	2012	1:06.27	TIMOTHY SHEAD	USA	2012
	26.55	FRITZ BEDFORD	USA	2018		100 M.	FREE		1:06.30	JONATHAN KLEIN	USA	2017
	26.63	MICHAEL HODGSON	GBR	2023	55.73	AHMET NAKKAS	TUR	2023	1:06.48	MARCO COLOMBO	ITA	2020
	26.67	STEVE WOOD	USA	2015	55.87	JACK GROSELLE	USA	2014	1:06.54	HIROSHI SHIBUYA	JPN	2022
	26.74	KAZUHIKO YAMAKAWA	JPN	2023	56.63	RICH ABRAHAMS	USA	2008	1:06.54	ALEC JOHNSON	GBR	2022
	26.80	BRUCE KONE	USA	2015	56.72	MARK REYNOLDS	GBR	2023		200 M.	BACK	
	26.85	DAVID EMERSON	GBR	2019	56.90	JAMES RITTER	USA	2016	2:17.15	JAMIE FOWLER	USA	2019
	100 M.	FLY		56.95	CARLO TRAVAINI	ITA	2023	2:20.38	TOM BARTON	USA	2016	
	59.11	MARK WELDON	NZL	2023	57.23	DAN STEPHENSON	USA	2017	2:23.12	Z.JANUSZKIEWICZ	POL	2022
	59.42	LARS RENNER	GER	2023	57.47	DAVID EMERSON	GBR	2022	2:23.73	LEN GUSHE	CAN	2023
	59.52	NICOLAS GRANGER	FRA	2023	57.61	PAUL TREVISAN	USA	2012	2:23.90	DAN STEPHENSON	USA	2017
	59.57	JAN BIDRMAN	CAN	2023	57.67	DAN THOMPSON	CAN	2017	2:24.79	DJAN MADRUGA	BRA	2021
	59.80	DAN THOMPSON	CAN	2013		200 M.	FREE		2:26.09	A.BONANNI	ITA	2023
1:00.10	DAVID SIMS	USA	2017	2:01.65	RICK COLELLA	USA	2015	2:26.24	CARLO TRAVAINI	ITA	2023	
1:00.13	BRYAN TATTERSON	RSA	2019	2:05.07	JACK GROSELLE	USA	2014	2:26.30	PHILIPP DJANG	USA	2014	
1:00.35	GREG SHAW	USA	2006	2:05.16	AHMET NAKKAS	TUR	2023	2:26.38	VLADIMIR GORKOV	RUS	2017	
1:00.42	SHUJI AZUMA	JPN	2023	2:06.01	CARLO TRAVAINI	ITA	2023		50 M.	BRST		
1:00.58	HUGO BREGMAN	NED	2013	2:06.50	DAN STEPHENSON	USA	2017	29.77	CARLO TRAVAINI	ITA	2023	
	200 M.	FLY		2:07.22	JAMES RITTER	USA	2016	31.42	DAVID GUTHRIE	USA	2023	
2:15.97	HUGO BREGMAN	NED	2013	2:07.22	JAMES RITTER	USA	2016	31.51	RICK COLELLA	USA	2015	
2:16.86	DAVID SIMS	USA	2017	2:07.37	J.CARLOS VALLEJO	ESP	2023	32.16	STUART ELLICOTT	AUS	2012	
2:18.62	MARCUS MATTIOLI	BRA	2017	2:07.57	MARK REYNOLDS	GBR	2023	32.20	MARCO VEILLEUX	CAN	2023	
2:19.02	MARC GEORG VAUPEL	GER	2018	2:07.96	LARRY KRAUSER	USA	2013	32.31	ROBERT STRAND	USA	2009	



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



32.42	SHINJI ITOU	JPN 2023	2:24.56	ARNALDO PEREZ	USA 2022	10:05.56	GLENN CARLSEN	CAN 2022
32.43	DAVID BRYANT	GBR 2023	2:24.75	JACK GROSELLE	USA 2014	10:06.58	RICK WALKER	USA 2015
32.44	OLIVIER BORIOS	FRA 2019	2:24.91	MARK REYNOLDS	GBR 2023	1500 M.	FREE	
32.45	TIMOTHY SHEAD	USA 2012	2:25.76	AHMET NAKKAS	TUR 2022	18:26.04	DJAN MADRUGA	BRA 2023
100 M.	BRST		2:25.92	LEN GUSHE	CAN 2023	18:53.75	JIM MC CONICA	USA 2015
1:06.05	CARLO TRAVAINI	ITA 2023	2:25.98	TIMOTHY SHEAD	USA 2012	19:02.50	GLENN CARLSEN	CAN 2022
1:08.24	DAVID GUTHRIE	USA 2022	400 M.	I.M.		19:09.50	JAMES H RITTER	USA 2021
1:09.92	RICK COLELLA	USA 2015	5:04.54	RICK COLELLA	USA 2011	19:17.63	PATRICK MOREAU	FRA 2017
1:11.08	TIMOTHY SHEAD	USA 2012	5:04.79	ARNALDO PEREZ	PUR 2023	19:19.65	LARRY KRAUSER	USA 2018
1:11.09	MARCO VEILLEUX	CAN 2023	5:05.11	CARLO TRAVAINI	ITA 2023	19:23.83	RICK WALKER	USA 2015
1:11.23	SHINJI ITOU	JPN 2023	5:12.43	LEN GUSHE	CAN 2023	19:29.25	MARTEN DE GROOT	NED 2023
1:12.09	ROBERT STRAND	USA 2009	5:15.31	HUGO BREGMAN	NED 2018	19:31.11	JIM CLEMMONS	USA 2015
1:12.18	AHMET NAKKAS	TUR 2022	5:17.31	JACK GROSELLE	USA 2014	19:32.78	TOM LANDIS	USA 2007
1:12.38	JACK GROSELLE	USA 2014	5:20.26	MARCUS MATTIOLI	BRA 2023	50 M.	BACK	
1:12.43	DAVID BRYANT	GBR 2021	5:20.37	TITO MORALES	USA 2019	30.34	HUGH WILDER	USA 2012
200 M.	BRST		5:20.60	LORENZO MARUGO	ITA 2012	31.10	VLADIMIR GORKOV	RUS 2022
2:26.52	CARLO TRAVAINI	ITA 2023	5:22.27	DAN STEPHENSON	USA 2018	31.54	J.DELAPORTE	FRA 2022
2:32.34	DAVID M GUTHRIE	USA 2021	*****	*****	*****	31.61	PHILIPP DJANG	USA 2019
2:37.61	RICK COLELLA	USA 2011				31.64	RICHARD BURNS	USA 2008
2:37.87	TIMOTHY SHEAD	USA 2012				31.77	TAKEO HIRAMOTO	JPN 2016
2:39.62	MARCO VEILLEUX	CAN 2023				31.91	PIERRE BAEHR	FRA 2019
2:40.34	SERGE SCORE	CAN 2022				31.93	BRUCE KONE	USA 2023
2:40.76	ROBERT STRAND	USA 2009				31.98	JONATHAN KLEIN	USA 2023
2:42.27	SERGEY MOLODIN	RUS 2019				32.12	IGOR KRAVKOV	ISR 2023
2:42.62	RICHARD LOCKHART	NZL 2023				100 M.	BACK	
2:43.53	LORENZO MARUGO	ITA 2012				1:07.09	JONATHAN E KLEIN	USA 2022
50 M.	FLY					1:07.69	HUGH WILDER	USA 2012
26.78	DAN THOMPSON	CAN 2017				1:08.55	PHILIPP DJANG	USA 2019
27.05	DAVID EMERSON	GBR 2022				1:08.62	VLADIMIR GORKOV	RUS 2022
27.40	BRUCE C KONE	USA 2019				1:08.90	TOM WOLF	USA 2023
27.53	DONALD GRAHAM	USA 2014				1:09.41	DJAN MADRUGA	BRA 2023
27.82	HUGO BREGMAN	NED 2019				1:09.47	J.DELAPORTE	FRA 2022
27.87	RICHARD ABRAHAMS	USA 2008				1:10.02	HUGO BREGMAN	NED 2023
28.05	CARLO TRAVAINI	ITA 2023				1:10.16	RICHARD BURNS	USA 2009
28.22	DOUG MARTIN	USA 2013				1:10.52	JAMES H RITTER	USA 2022
28.26	MARC MIDDLETON	USA 2013				200 M.	BACK	
28.30	TAKEO HIRAMOTO	JPN 2010				2:28.43	DAN STEPHENSON	USA 2022
100 M.	FLY					2:29.06	JAMES H RITTER	USA 2022
1:00.20	DAN THOMPSON	CAN 2016				2:30.13	VLADIMIR GORKOV	RUS 2022
1:01.38	HUGO BREGMAN	NED 2018				2:30.92	TOM WOLF	USA 2019
1:02.76	MARCUS MATTIOLI	BRA 2023				2:31.16	LAWRENCE DAY	USA 2018
1:03.38	MIKE LAMONICA	USA 2020				2:31.38	JAMES RITTER	USA 2023
1:03.67	TAKEO HIRAMOTO	JPN 2010				2:32.43	BRUCE YOUNG	USA 2022
1:03.76	RICH ABRAHAMS	USA 2006				2:33.00	JONATHAN E KLEIN	USA 2022
1:04.05	JACK GROSELLE	USA 2014				2:33.95	BOB THOMAS	USA 2018
1:04.21	MARC GEORG VAUPEL	GER 2023				2:34.93	ALEK SHESTAKOV	USA 2014
1:04.27	DONALD GRAHAM	USA 2015				50 M.	BRST	
1:04.47	GREG SHAW	USA 2011				32.50	RICK COLELLA	USA 2016
200 M.	FLY					32.72	RICHARD NEVILLE	USA 2021
2:20.27	HUGO BREGMAN	NED 2018				33.28	BRUCE KONE	USA 2023
2:22.62	ARNALDO PEREZ	PUR 2023				33.31	RANDY J PARKER	USA 2019
2:23.29	RICK COLELLA	USA 2015				33.72	GREGORY OXLEY	USA 2023
2:25.28	CARLO TRAVAINI	ITA 2023				33.72	STUART ELLICOTT	AUS 2017
2:26.10	MARC GEORG VAUPEL	GER 2023				33.74	YOSHIHIDE KAGAMI	JPN 2023
2:26.87	MARCUS MATTIOLI	BRA 2023				33.79	WALTER KUSCH	GER 2020
2:27.42	GREG SANCHEZ	USA 2019				33.86	OSAMU MAEDA	JPN 2010
2:28.62	MIKE LAMONICA	USA 2021				33.88	PERE BALCELLS	ESP 2019
2:29.40	SCOTT LAUTMAN	USA 2012				100 M.	BRST	
2:29.50	HIDEYUKI TANABE	JPN 2022				1:11.82	RICK COLELLA	USA 2019
100 M.	I.M.					1:14.03	TIMOTHY SHEAD	RSA 2017
1:03.20	CARLO TRAVAINI	ITA 2023				1:14.06	YOSHIHIDE KAGAMI	JPN 2023
1:04.21	SHINJI ITOU	JPN 2023				1:15.49	GREGORY OXLEY	USA 2023
1:04.23	RICK COLELLA	USA 2015				1:15.67	RANDY J PARKER	USA 2019
1:05.26	AHMET NAKKAS	TUR 2023				1:15.69	STUART ELLICOTT	AUS 2017
1:05.53	TIMOTHY SHEAD	USA 2012				1:15.81	RICHARD NEVILLE	USA 2021
1:05.83	DAVID GUTHRIE	USA 2023				1:15.84	ROBERT STRAND	USA 2012
1:06.10	JACK GROSELLE	USA 2014				1:16.09	GLEN CHRISTIANSEN	ESP 2022
1:06.30	MARK REYNOLDS	GBR 2023				1:16.34	C.STARZEC	FRA 2015
1:06.42	GREGORY OXLEY	USA 2018				200 M.	BRST	
1:06.53	TAKEO HIRAMOTO	JPN 2010				2:36.85	RICK COLELLA	USA 2017
200 M.	I.M.					2:48.26	TIMOTHY SHEAD	RSA 2017
2:19.31	CARLO TRAVAINI	ITA 2023				2:49.05	ROBERT STRAND	USA 2012
2:19.96	RICK COLELLA	USA 2015				2:49.34	YOSHIHIDE KAGAMI	JPN 2023
2:23.30	JAMIE FOWLER	USA 2019				2:51.24	S.KATKEVICIUS	LTU 2023
2:23.92	SHINJI ITOU	JPN 2023				2:52.86	GERARD HOFFMANN	USA 2021
10:05.56	GLENN CARLSEN	CAN 2022						
10:06.58	RICK WALKER	USA 2015						
1500 M.	FREE							
18:26.04	DJAN MADRUGA	BRA 2023						
18:53.75	JIM MC CONICA	USA 2015						
19:02.50	GLENN CARLSEN	CAN 2022						
19:09.50	JAMES H RITTER	USA 2021						
19:17.63	PATRICK MOREAU	FRA 2017						
19:19.65	LARRY KRAUSER	USA 2018						
19:23.83	RICK WALKER	USA 2015						
19:29.25	MARTEN DE GROOT	NED 2023						
19:31.11	JIM CLEMMONS	USA 2015						
19:32.78	TOM LANDIS	USA 2007						
30.34	HUGH WILDER	USA 2012						
31.10	VLADIMIR GORKOV	RUS 2022						
31.54	J.DELAPORTE	FRA 2022						
31.61	PHILIPP DJANG	USA 2019						
31.64	RICHARD BURNS	USA 2008						
31.77	TAKEO HIRAMOTO	JPN 2016						
31.91	PIERRE BAEHR	FRA 2019						
31.93	BRUCE KONE	USA 2023						
31.98	JONATHAN KLEIN	USA 2023						
32.12	IGOR KRAVKOV	ISR 2023						
100 M.	BACK							
1:07.09	JONATHAN E KLEIN	USA 2022						
1:07.69	HUGH WILDER	USA 2012						
1:08.55	PHILIPP DJANG	USA 2019						
1:08.62	VLADIMIR GORKOV	RUS 2022						
1:08.90	TOM WOLF	USA 2023						
1:09.41	DJAN MADRUGA	BRA 2023						
1:09.47	J.DELAPORTE	FRA 2022						
1:10.02	HUGO BREGMAN	NED 2023						
1:10.16	RICHARD BURNS	USA 2009						
1:10.52	JAMES H RITTER	USA 2022						
200 M.	BACK							
2:28.43	DAN STEPHENSON	USA 2022						
2:29.06	JAMES H RITTER	USA 2022						
2:30.13	VLADIMIR GORKOV	RUS 2022						
2:30.92	TOM WOLF	USA 2019						
2:31.16	LAWRENCE DAY	USA 2018						
2:31.38	JAMES RITTER	USA 2023						
2:32.43	BRUCE YOUNG	USA 2022						
2:33.00	JONATHAN E KLEIN	USA 2022						
2:33.95	BOB THOMAS	USA 2018						
2:34.93	ALEK SHESTAKOV	USA 2014						
50 M.	BRST							
32.50	RICK COLELLA	USA 2016						
32.72	RICHARD NEVILLE	USA 2021						
33.28	BRUCE KONE	USA 2023						
33.31	RANDY J PARKER	USA 2019						
33.72	GREGORY OXLEY	USA 2023						
33.72	STUART ELLICOTT	AUS 2017						
33.74	YOSHIHIDE KAGAMI	JPN 2023						
33.79	WALTER KUSCH	GER 2020						
33.86	OSAMU MAEDA	JPN 2010						
33.88	PERE BALCELLS	ESP 2019						
100 M.	BRST							
1:11.82	RICK COLELLA	USA 2019						
1:14.03	TIMOTHY SHEAD	RSA 2017						
1:14.06	YOSHIHIDE KAGAMI	JPN 2023						
1:15.49	GREGORY OXLEY	USA 2023						
1:15.67	RANDY J PARKER	USA 2019						
1:15.69	STUART ELLICOTT	AUS 2017						
1:15.81	RICHARD NEVILLE	USA 2021						
1:15.84	ROBERT STRAND	USA 2012						
1:16.09	GLEN CHRISTIANSEN	ESP 2022						
1:16.34	C.STARZEC	FRA 2015						
200 M.	BRST							
2:36.85	RICK COLELLA	USA 2017						
2:48.26	TIMOTHY SHEAD	RSA 2017						
2:49.05	ROBERT STRAND	USA 2012						
2:49.34	YOSHIHIDE KAGAMI	JPN 2023						
2:51.24	S.KATKEVICIUS	LTU 2023						
2:52.86	GERARD HOFFMANN	USA 2021						

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



2:53.10	TIMUR PODMARYOV	RUS 2023	50 M. FREE	34.15	VINUS VAN BAALEN	CAN 2012		
2:53.41	ANDY RITCHIE	CAN 2023	26.88	RICHARD ABRAHAMS	USA 2015	34.27	MARC D MIDDLETON	USA 2021
2:53.44	ALLEN STARK	USA 2014	26.89	DOUG MARTIN	USA 2023	100 M. BACK		
2:53.55	C.STARZEC	FRA 2016	27.62	BRUCE WILLIAMS	USA 2023	1:11.49	LAWRENCE J DAY	USA 2021
50 M. FLY			27.70	JEFF FARRELL	USA 2008	1:12.09	RICHARD BURNS	USA 2013
27.94	DAN THOMPSON	CAN 2023	27.94	MARC D MIDDLETON	USA 2021	1:12.23	HUGH WILDER	USA 2017
28.42	HUGO BREGMAN	NED 2023	28.08	FUMIO SHIGENO	JPN 2019	1:13.32	J-C LESTIDEAU	ESP 2016
28.58	BRUCE KONE	USA 2023	28.23	VINUS VAN BAALEN	CAN 2012	1:14.31	BARRY YOUNG	NZL 2009
28.65	DOUG MARTIN	USA 2018	28.25	GLENN A GRUBER	USA 2019	1:14.98	STEVE GROSSMAN	GBR 2023
28.91	JOSEF CLARET	ESP 2009	28.28	PETER BERGENGREN	SWE 2008	1:15.08	BERND HORSTMANN	GER 2012
28.99	RICHARD ABRAHAMS	USA 2010	28.31	IAN SMITH	CAN 2011	1:15.34	DAN KIRKLAND	USA 2018
29.05	MARC MIDDLETON	USA 2016	100 M. FREE			1:15.68	STEVEN V HECK	USA 2019
29.11	ISAMU SHIBAZAKI	JPN 2022	1:01.70	BRUCE WILLIAMS	USA 2023	1:15.85	YOSHI OYAKAWA	USA 2003
29.17	A.MARKOVSKIY	RUS 2022	1:01.70	RICHARD ABRAHAMS	USA 2015	200 M. BACK		
29.18	JIM DRAGON	USA 2009	1:02.87	DAVID QUIGGIN	USA 2014	2:34.96	LAWRENCE J DAY	USA 2021
100 M. FLY			1:03.25	GLENN A GRUBER	USA 2019	2:38.01	RICHARD BURNS	USA 2013
1:03.85	HUGO BREGMAN	NED 2023	1:03.33	JEFF FARRELL	USA 2007	2:40.17	BARRY YOUNG	NZL 2009
1:04.82	DAN THOMPSON	CAN 2023	1:03.91	ABED OUADAH	FRA 2023	2:41.22	DAN KIRKLAND	USA 2018
1:05.37	LAWRENCE DAY	USA 2016	1:04.17	LEE CHILDS	USA 2018	2:41.35	ALEK I SHESTAKOV	USA 2019
1:05.84	RICK COLELLA	USA 2019	1:04.17	ANDREW MCPHERSON	USA 2017	2:41.72	STEVE GROSSMAN	GBR 2023
1:05.90	JOSEF CLARET	ESP 2009	1:04.45	ROBERT H WILSON	USA 2021	2:45.25	J.LESTIDEAU	FRA 2017
1:06.57	JACK R GROSELLE	USA 2019	1:04.57	RICHARD BURNS	USA 2013	2:47.30	EDDIE RIACH	GBR 2023
1:06.60	RICHARD ABRAHAMS	USA 2010	200 M. FREE			2:47.34	PATRICK MOREAU	SUI 2022
1:06.72	SEIICHI YARITA	JPN 2022	2:10.97	RICK COLELLA	USA 2021	2:47.36	HUGH WILDER	USA 2017
1:07.58	DAN STEPHENSON	USA 2022	2:19.63	DAN KIRKLAND	USA 2018	50 M. BRST		
1:07.61	KEVIN MCCORMACK	USA 2017	2:22.60	DAVID QUIGGIN	USA 2014	33.54	RICK COLELLA	USA 2021
200 M. FLY			2:23.30	RICHARD ABRAHAMS	USA 2015	34.04	STUART ELLICOTT	AUS 2022
2:22.90	HUGO BREGMAN	NED 2023	2:23.53	RICK B WALKER	USA 2021	35.53	DIETER HOFEL	GER 2016
2:25.35	RICK COLELLA	USA 2017	2:23.84	ABED OUADAH	FRA 2022	35.85	YOSHIHIKO OSAKI	JPN 2009
2:27.35	LAWRENCE DAY	USA 2016	2:24.04	EDWARD BORSUK	USA 2023	35.97	ROBERT STRAND	USA 2016
2:31.58	GREG SANCHEZ	USA 2022	2:24.08	GLENN A GRUBER	USA 2019	36.15	DOUGLAS SPRINGER	USA 2016
2:32.49	KAZUHIRO OTSUKA	JPN 2021	2:24.12	PATRICK MOREAU	FRA 2022	36.16	DAVID GILDEA	USA 2013
2:33.77	TAKEO HIRAMOTO	JPN 2015	2:24.31	GRAHAM JOHNSTON	USA 2001	36.28	TOSHIHARU FUJII	JPN 2021
2:36.77	DJAN MADRUGA	BRA 2023	400 M. FREE			36.44	CRAIG OTTERSEN	USA 2023
2:38.71	ROBERT POILETMAN	USA 2008	4:46.78	RICK COLELLA	USA 2022	36.58	HISASHI DOI	JPN 2018
2:41.64	DEREK PARR	GBR 2009	4:56.95	DAN KIRKLAND	USA 2018	100 M. BRST		
2:41.88	JOHN B CHAMBERS	USA 2020	5:05.30	RICK B WALKER	USA 2020	1:13.04	RICK COLELLA	USA 2021
100 M. I.M.			5:05.47	DAVID QUIGGIN	USA 2014	1:17.42	STUART ELLICOTT	AUS 2022
1:05.43	RICK COLELLA	USA 2016	5:07.58	PATRICK MOREAU	FRA 2022	1:19.04	DOUGLAS SPRINGER	USA 2016
1:08.72	HUGO BREGMAN	NED 2023	5:09.68	MARK MODJESKA	USA 2023	1:20.76	ROBERT STRAND	USA 2016
1:08.95	GREGORY OXLEY	USA 2023	5:09.75	GRAHAM JOHNSTON	USA 2002	1:20.82	TOSHIHARU FUJII	JPN 2021
1:09.09	JACK R GROSELLE	USA 2019	5:10.68	HUBIE KERNS	USA 2019	1:21.41	DAVID GILDEA	USA 2013
1:09.38	TIMOTHY SHEAD	RSA 2017	5:10.83	RICHARD BAUGHMAN	USA 2023	1:21.59	CRAIG OTTERSEN	USA 2023
1:09.90	HUBIE KERNS	USA 2014	5:11.89	ABED OUADAH	FRA 2023	1:21.70	HISASHI DOI	JPN 2018
1:10.14	IGOR KRAVKOV	ISR 2023	800 M. FREE			1:21.86	CRAIG M OTTERSEN	USA 2022
1:10.26	ROBERT STRAND	USA 2012	9:36.64	RICK COLELLA	USA 2022	1:22.17	ALLEN L STARK	USA 2019
1:10.42	RICHARD ABRAHAMS	USA 2010	10:17.73	DAN KIRKLAND	USA 2018	200 M. BRST		
1:10.47	AKIRA IIDA	JPN 2019	10:32.27	PATRICK MOREAU	FRA 2022	2:45.56	RICK COLELLA	USA 2023
200 M. I.M.			10:41.30	MARK MODJESKA	USA 2023	2:55.87	ROBERT STRAND	USA 2016
2:20.35	RICK COLELLA	USA 2018	10:47.93	RICK B WALKER	USA 2020	2:55.98	STUART ELLICOTT	AUS 2022
2:30.80	TIMOTHY SHEAD	RSA 2017	10:51.85	EDDIE RIACH	GBR 2023	2:59.36	TOSHIHARU FUJII	JPN 2020
2:30.96	LAWRENCE DAY	USA 2016	10:52.68	GRAHAM JOHNSTON	USA 2001	2:59.41	DOUGLAS SPRINGER	USA 2016
2:32.25	HUGO BREGMAN	NED 2023	10:52.78	RICK WALKER	USA 2023	3:01.22	BARRY YOUNG	NZL 2009
2:33.30	JACK R GROSELLE	USA 2019	10:56.19	HUBIE KERNS	USA 2019	3:01.92	NORIAKI TSUJI	JPN 2016
2:34.15	HUBIE KERNS	USA 2014	10:56.26	JIM CLEMMONS	USA 2022	3:03.44	HUBIE KERNS	USA 2019
2:34.30	BRUCE YOUNG	USA 2023	1500 M. FREE			3:04.51	DAVID GILDEA	USA 2013
2:34.64	ALEK SHESTAKOV	USA 2014	18:29.71	RICK COLELLA	USA 2022	3:05.27	HANS REICHEL	GER 2007
2:35.36	ANDY DYER	USA 2023	19:46.94	DAN L KIRKLAND	USA 2019	50 M. FLY		
2:35.64	DAN STEPHENSON	USA 2023	20:02.86	RICK B WALKER	USA 2020	29.52	RICHARD ABRAHAMS	USA 2015
2:35.64	GREG SANCHEZ	USA 2022	20:24.09	RICHARD BAUGHMAN	USA 2023	30.01	LAWRENCE J DAY	USA 2022
400 M. I.M.			20:24.30	MARK MODJESKA	USA 2023	30.03	DOUG MARTIN	USA 2023
5:03.34	RICK COLELLA	USA 2017	20:39.98	JIM CLEMMONS	USA 2022	30.09	MARC D MIDDLETON	USA 2021
5:27.66	HUGO BREGMAN	NED 2023	20:42.57	HUBIE KERNS	USA 2019	30.30	RICK COLELLA	USA 2023
5:27.85	DAN STEPHENSON	USA 2022	20:43.23	EDWARD BELL	USA 2023	30.95	LEE CHILDS	USA 2018
5:30.80	GREG SANCHEZ	USA 2023	20:45.27	EDDIE RIACH	GBR 2023	30.96	JIM DRAGON	USA 2014
5:32.88	PATRICK MOREAU	FRA 2017	20:45.67	G.SCARAMEL	ITA 2022	31.10	BRUCE WILLIAMS	USA 2023
5:34.07	JACK R GROSELLE	USA 2019	50 M. BACK			31.13	ANDREW MCPHERSON	USA 2017
5:34.78	HUBIE KERNS	USA 2014	32.57	BRUCE WILLIAMS	USA 2023	31.35	KENJI NAKAMATSU	JPN 2019
5:34.91	ALEK SHESTAKOV	USA 2014	32.77	TONY GAYFORD	NZL 2017	100 M. FLY		
5:37.06	FRANKLIN M HALLEY	USA 2022	33.09	HUGH WILDER	USA 2017	1:06.54	LAWRENCE J DAY	USA 2021
5:37.22	J.LESTIDEAU	FRA 2011	33.17	ALISTAIR COCKBURN	USA 2023	1:07.56	RICHARD ABRAHAMS	USA 2015
*****			33.51	RICHARD BURNS	USA 2013	1:08.30	RICK COLELLA	USA 2023
			33.53	J-C LESTIDEAU	ESP 2016	1:12.02	JOSEF CLARET	ESP 2014
M E N 70-74			33.73	LAWRENCE J DAY	USA 2022	1:12.64	J.LESTIDEAU	FRA 2016
*****			33.90	YOSHI OYAKAWA	USA 2003	1:12.64	ROBERT POILETMAN	USA 2014

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



1:12.92	JACK GOODING	USA	2023	2:26.87	DAN KIRKLAND	USA	2023	3:01.26	TOSHIAKI MIYATA	JPN	2023
1:13.49	ANDREW MCPHERSON	USA	2017	2:26.94	DAVID QUIGGIN	USA	2019	50	M. BRST		
1:13.68	KOJI IWAMOTO	JPN	2013	2:27.53	DAVID RADCLIFF	USA	2009	36.78	ROBERTO RUGGIERI	ITA	2022
1:13.98	JEFFREY BOATRIGHT	USA	2023	2:32.00	AKIRA FUJIMAKI	JPN	2018	38.35	MIKE FRESHLEY	USA	2016
	200 M. FLY			2:33.70	JOEL WILSON	USA	2023	38.36	DOUGLAS SPRINGER	USA	2021
2:45.30	LAWRENCE J DAY	USA	2021	2:34.44	DIETER SEIFERT	GER	2023	38.59	PETER ANDERSEN	USA	2018
2:51.32	BARRY YOUNG	NZL	2009	2:34.61	FRED SCHLICHER	USA	2023	38.85	HISASHI DOI	JPN	2023
2:52.80	DOUGLAS SPRINGER	USA	2016	2:35.60	MIKE FRESHLEY	USA	2016	39.04	TETSUO NAKAMARU	JPN	2010
2:53.96	J.LESTIDEAU	FRA	2017	2:35.71	TADANOBU YAMADA	JPN	2018	39.20	HANS REICHEL	GER	2011
2:54.08	HUBIE KERNS	USA	2019	2:36.94	RUDOLF SMERDA	CZE	2018	39.35	TATSUO ASAI	JPN	2016
2:55.62	MARK MODJESKA	USA	2023	400 M. FREE				39.36	TONY GOODWIN	AUS	2012
2:55.66	ROBERT POILETMAN	USA	2013	5:09.95	DAN KIRKLAND	USA	2023	39.84	JACK KELSO	CAN	2015
2:56.53	HIROYUKI YOBIKO	JPN	2020	5:15.10	DAVID RADCLIFF	USA	2009	100 M. BRST			
2:56.60	PHIL DODSON	USA	2023	5:16.91	JOEL WILSON	USA	2023	1:24.27	DOUGLAS SPRINGER	USA	2022
2:57.68	ROLAND FREYGANG	GER	2022	5:30.95	GERHARD HOLE	GER	2012	1:25.38	MIKE FRESHLEY	USA	2016
	100 M. I.M.			5:32.91	TADANOBU YAMADA	JPN	2018	1:26.76	HANS REICHEL	GER	2011
1:06.98	RICK COLELLA	USA	2021	5:34.10	DAVID QUIGGIN	USA	2019	1:26.84	TONY GOODWIN	AUS	2012
1:11.64	CARLOS SOLIS	PUR	2023	5:36.32	IKURO SHIMONO	JPN	2012	1:26.87	MASARU SHINKAI	JPN	2016
1:12.04	LAWRENCE J DAY	USA	2021	5:40.14	GRAHAM JOHNSTON	USA	2006	1:27.03	ROBERTO RUGGIERI	ITA	2022
1:12.74	STEVEN V HECK	USA	2019	5:40.66	MIKE FRESHLEY	USA	2016	1:27.44	ALAIN LEGRUX	FRA	2023
1:12.90	BRUCE WILLIAMS	USA	2023	5:44.36	JOAQUIN CANALES	ESP	2016	1:27.65	HISASHI DOI	JPN	2023
1:12.94	HUBIE KERNS	USA	2019	800 M. FREE				1:27.76	TETSUO NAKAMARU	JPN	2010
1:13.09	RICHARD ABRAHAMS	USA	2015	10:40.84	DAN KIRKLAND	USA	2023	1:28.40	BELA FABIAN	HUN	2013
1:13.11	KAZUYA IRIE	JPN	2023	10:59.10	DAVID RADCLIFF	USA	2009	200 M. BRST			
1:13.80	ROBERT H WILSON	USA	2021	11:07.83	GERHARD HOLE	GER	2012	3:06.82	MIKE FRESHLEY	USA	2016
1:14.40	RICHARD BURNS	USA	2013	11:28.93	TADANOBU YAMADA	JPN	2018	3:09.09	TONY GOODWIN	AUS	2012
	200 M. I.M.			11:38.56	BURWELL JONES	USA	2008	3:12.80	MASARU SHINKAI	JPN	2015
2:27.07	RICK COLELLA	USA	2021	11:46.12	TONY RALPHS	USA	2018	3:14.61	DOUGLAS SPRINGER	USA	2022
2:37.22	LAWRENCE J DAY	USA	2021	11:47.67	YASUSHI YAMAGUCHI	JPN	2014	3:15.57	HANS REICHEL	GER	2011
2:40.45	HUBIE KERNS	USA	2019	11:56.90	DAVID QUIGGIN	USA	2019	3:18.03	PAUL WYATT	AUS	2022
2:41.76	ALEK I SHESTAKOV	USA	2019	12:00.94	GRAHAM JOHNSTON	USA	2006	3:19.58	NORIAKI TSUJI	JPN	2021
2:42.00	STEVEN V HECK	USA	2019	12:02.87	HIROSHI YOSHIMURA	JPN	2004	3:19.73	JOEL WILSON	USA	2023
2:42.44	BARRY YOUNG	NZL	2009	1500 M. FREE				3:19.96	YOSHITAKI AOKI	JPN	2014
2:43.51	PATRICK MOREAU	FRA	2022	20:18.58	DAN KIRKLAND	USA	2023	3:20.93	TSUTOMU KAJIHARA	JPN	2008
2:44.81	RICHARD BURNS	USA	2013	20:39.50	DAVID RADCLIFF	USA	2009	50 M. FLY			
2:44.94	LEE CHILDS	USA	2018	21:55.35	TADANOBU YAMADA	JPN	2018	32.09	RICHARD ABRAHAMS	USA	2021
2:45.13	TIM BRODERICK	USA	2021	22:15.88	TONY RALPHS	USA	2018	32.41	RICHARD BURNS	USA	2018
	400 M. I.M.			22:24.07	BOB BRUCE	USA	2023	32.41	MIKE FRESHLEY	USA	2016
5:46.48	PATRICK MOREAU	FRA	2022	22:25.81	DAVID QUIGGIN	USA	2019	32.93	HIROSHI MATSUMOTO	JPN	2012
5:47.41	LAWRENCE J DAY	USA	2022	22:27.75	GRAHAM JOHNSTON	USA	2006	33.03	LEE CHILDS	USA	2023
5:48.15	ALEK I SHESTAKOV	USA	2019	22:28.06	BURWELL JONES	USA	2008	33.18	Y.FUNAHASHI	JPN	2015
5:48.67	BARRY YOUNG	NZL	2009	22:52.00	HIROSHI YOSHIMURA	JPN	2003	33.27	ARAM BOGHOSSIAN	BRA	2004
5:57.68	J.LESTIDEAU	FRA	2016	23:18.51	JOAQUIN CANALES	ESP	2015	33.32	JOSEP CLARET	ESP	2019
5:59.34	HUBIE KERNS	USA	2019	50 M. BACK				33.51	JOEL J BURNS	USA	2022
6:03.92	STEVEN V HECK	USA	2019	33.87	RICHARD BURNS	USA	2018	33.53	PAULO MOTTA	BRA	2023
6:04.55	DOUGLAS SPRINGER	USA	2016	35.51	YOSHI OYAKAWA	USA	2008	100 M. FLY			
6:06.40	PHIL DODSON	USA	2023	35.88	DIETER SEIFERT	GER	2023	1:17.39	FRED SCHLICHER	USA	2023
6:07.39	PAUL WYATT	AUS	2016	35.93	BURWELL JONES	USA	2009	1:17.51	RICHARD ABRAHAMS	USA	2022
				36.24	JOZSEF CSIKANY	HUN	2020	1:17.59	RICHARD BURNS	USA	2019
*****				36.41	BERND HORSTMANN	GER	2018	1:19.34	HORST LEHMANN	GER	2022
	M E N 75-79			36.58	S.SEKIKAWA	JPN	2008	1:19.63	DEREK PARR	GBR	2019
*****				36.68	CLARKE MITCHELL	USA	2007	1:20.59	RUDOLF SMERDA	CZE	2018
	50 M. FREE			36.85	GERHARD WIELAND	AUT	2019	1:20.59	KOJI IWAMOTO	JPN	2017
28.70	RICHARD ABRAHAMS	USA	2021	36.94	JOAQUIN CANALES	ESP	2015	1:21.12	TAISUKE MIYAZAKI	JPN	2014
28.93	DAVID QUIGGIN	USA	2019	100 M. BACK				1:21.78	LEE CHILDS	USA	2023
29.47	GERHARD WIELAND	AUT	2019	1:14.03	RICHARD BURNS	USA	2019	1:23.68	JOAQUIN CANALES	ESP	2016
29.90	MIKE FRESHLEY	USA	2016	1:18.29	JOZSEF CSIKANY	HUN	2018	200 M. FLY			
30.13	IAN SMITH	CAN	2016	1:18.47	BURWELL JONES	USA	2009	3:09.42	FRED SCHLICHER	USA	2023
30.15	DAVID RADCLIFF	USA	2009	1:18.84	DIETER SEIFERT	GER	2023	3:10.12	RUDOLF SMERDA	CZE	2019
30.21	AKIRA FUJIMAKI	JPN	2018	1:19.05	DAN KIRKLAND	USA	2023	3:13.52	YASUTAKA KOIKE	JPN	2018
30.29	NEIL MACKINNON	GBR	2016	1:20.16	YOSHI OYAKAWA	USA	2008	3:13.73	DOUGLAS SPRINGER	USA	2021
30.48	HIROSHI MARUYAMA	JPN	2017	1:20.66	S.SEKIKAWA	JPN	2009	3:13.98	DEREK PARR	GBR	2019
30.49	LEE CHILDS	USA	2023	1:21.65	BERND HORSTMANN	GER	2018	3:14.19	HORST LEHMANN	GER	2022
	100 M. FREE			1:22.02	JOAQUIN CANALES	ESP	2016	3:15.66	ALBERTO SICA	ITA	2022
1:04.80	DAVID QUIGGIN	USA	2019	1:22.06	MIKE SELNA	USA	2023	3:15.78	KOJI IWAMOTO	JPN	2017
1:05.13	DAVID RADCLIFF	USA	2009	200 M. BACK				3:16.99	TAKASHI HAYASHI	JPN	2009
1:06.36	AKIRA FUJIMAKI	JPN	2018	2:44.04	RICHARD BURNS	USA	2018	3:20.21	KARL DONOGHUE	CAN	2019
1:07.25	DIETER SEIFERT	GER	2023	2:46.03	DAN KIRKLAND	USA	2023	100 M. I.M.			
1:07.34	MIKE FRESHLEY	USA	2016	2:49.20	BURWELL JONES	USA	2009	1:17.55	MIKE FRESHLEY	USA	2016
1:07.75	RICHARD BURNS	USA	2019	2:55.73	JOZSEF CSIKANY	HUN	2020	1:17.89	RICHARD BURNS	USA	2018
1:08.02	RICHARD ABRAHAMS	USA	2022	2:57.33	FRED SCHLICHER	USA	2023	1:18.80	BURWELL JONES	USA	2009
1:08.90	BURWELL JONES	USA	2009	2:58.21	ROGER FRANKS	USA	2002	1:20.08	DIETER SEIFERT	GER	2023
1:08.94	LEE CHILDS	USA	2023	3:00.13	BERND HORSTMANN	GER	2019	1:20.08	DOUGLAS SPRINGER	USA	2022
1:08.97	HIROSHI MARUYAMA	JPN	2017	3:00.49	T.HASHIMOTO	JPN	2016	1:20.43	JACK KELSO	CAN	2015
	200 M. FREE			3:00.92	S.SEKIKAWA	JPN	2008	1:20.49	LEE CHILDS	USA	2023

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



1:21.18	ROBERTO RUGGIERI	ITA	2022	11:35.71	DAVID RADCLIFF	USA	2014	1:37.10	HANS REICHEL	GER	2017
1:21.25	KOJI IWAMOTO	JPN	2017	12:43.58	RJWELL JONES	USA	2013	200 M.	BRST		
1:21.42	ROBERT PATTERSON	AUS	2023	12:50.20	JOAQUIN CANALES	ESP	2020	3:21.35	MASARU SHINKAI	JPN	2021
1:21.42	DAVID COSTILL	USA	2011	12:50.74	WERNER SCHNABEL	GER	2016	3:23.69	TONY GOODWIN	AUS	2017
200 M.	I.M.			12:50.97	HIROSHI YOSHIMURA	JPN	2008	3:33.07	DAVE NOBLE	USA	2023
2:50.79	RICHARD BURNS	USA	2018	12:54.01	JOAQUIN MENDOZA	ESP	2021	3:34.21	ZENJI NAKAHARI	JPN	2008
2:55.43	FRED SCHLICHER	USA	2023	12:57.52	SALVATORE DEIANA	ITA	2023	3:36.54	DAVID COSTILL	USA	2017
2:55.45	MIKE FRESHLEY	USA	2016	12:59.22	ROBERTO ALBERICHE	ESP	2013	3:36.62	MASAMI SHIGETA	JPN	2016
2:59.01	DOUGLAS SPRINGER	USA	2022	13:01.70	GRAHAM JOHNSTON	USA	2012	3:36.80	MIKE FRESHLEY	USA	2022
2:59.26	BURWELL JONES	USA	2009	13:02.25	GIULIO DIVANO	ITA	2012	3:37.14	JOACHIM SCHULZE	GER	2020
3:00.10	KOJI IWAMOTO	JPN	2017	1500 M.	FREE			3:38.59	KAIZO YAMAMOTO	JPN	2018
3:00.19	DIETER SEIFERT	GER	2023	21:59.53	DAVID RADCLIFF	USA	2014	3:38.72	SEIJI KOMAKI	JPN	2022
3:01.83	GERSHON SHEFA	ISR	2019	24:23.01	TOSABURO HOSOKAWA	JPN	2016	50 M.	FLY		
3:03.21	JACK KELSO	CAN	2015	24:30.08	JOAQUIN MENDOZA	ESP	2021	34.81	RICHARD BURNS	USA	2023
3:03.33	LEE CHILDS	USA	2023	24:36.35	BURWELL JONES	USA	2013	35.06	HIROSHI MATSUMOTO	JPN	2016
400 M.	I.M.			24:36.75	GERHARD HOLE	GER	2015	36.11	HELMUT RICHTER	GER	2019
6:26.09	RICHARD BURNS	USA	2019	24:47.50	SALVATORE DEIANA	ITA	2023	37.09	NEIL MACKINNON	GBR	2021
6:29.29	MIKE FRESHLEY	USA	2016	24:49.15	TONY RALPHS	USA	2023	37.41	YASUTAKA KOIKE	JPN	2023
6:29.51	DAN KIRKLAND	USA	2023	25:07.03	FRED DE BRUIJM	ESP	2018	37.77	TAKASHI HAYASHI	JPN	2013
6:31.73	DOUGLAS SPRINGER	USA	2021	25:18.69	HIROSHI YOSHIMURA	JPN	2009	38.05	PETER STRAKA	CAN	2023
6:33.07	KURT FREI	SUI	2021	25:25.94	GRAHAM JOHNSTON	USA	2012	38.36	AKIRA TAKAKURA	JPN	2022
6:33.87	BURWELL JONES	USA	2009	50 M.	BACK			38.44	LAURI MALK	FIN	2017
6:41.41	ALBERTO SICA	ITA	2022	36.01	RICHARD BURNS	USA	2023	38.51	ROBERTO FONTES	BRA	2023
6:41.85	PAUL WYATT	AUS	2021	37.32	JOZSEF CSIKANY	HUN	2023	100 M.	FLY		
6:51.13	MASARU SHINKAI	JPN	2017	37.82	YOSHI OYAKAWA	USA	2014	1:25.21	RICHARD BURNS	USA	2023
6:52.62	KARL HAUTER	GER	2001	37.92	AKIHIKO YABE	JPN	2019	1:29.43	YASUTAKA KOIKE	JPN	2023
				38.15	S.SEKIKAWA	JPN	2013	1:30.06	MASARU SHINKAI	JPN	2020
*****				38.26	KEIJIRO NAKAMURA	JPN	2003	1:30.15	GIULIO DIVANO	ITA	2012
	M E N 80-84			38.62	CLARKE MITCHELL	USA	2013	1:30.69	TAKASHI HAYASHI	JPN	2013
*****				38.67	HELMUT RICHTER	GER	2019	1:32.28	LAURI MALK	FIN	2017
50 M.	FREE			39.51	BURWELL JONES	USA	2013	1:32.28	LAURI MALK	FIN	2017
31.25	JEFF FARRELL	USA	2017	39.63	BERND HORSTMANN	GER	2022	1:35.12	HIROSHI MATSUMOTO	JPN	2016
31.74	HIROSHI MATSUMOTO	JPN	2016	100 M.	BACK			1:35.19	RUDOLF SMERDA	CZE	2023
31.82	AKIRA FUJIMAKI	JPN	2023	1:18.31	RICHARD BURNS	USA	2023	1:35.58	DAVID COSTILL	USA	2016
32.00	RICHARD BURNS	USA	2023	1:21.74	JOZSEF CSIKANY	HUN	2023	1:35.68	KOJI IWAMOTO	JPN	2022
32.07	HELMUT RICHTER	GER	2019	1:23.24	DAVID COSTILL	USA	2017	200 M.	FLY		
32.14	ROBERTO ALBERICHE	ESP	2013	1:25.07	S.SEKIKAWA	JPN	2013	3:30.11	GIULIO DIVANO	ITA	2011
32.20	AKIHIKO EGUCHI	JPN	2023	1:25.77	KEIJIRO NAKAMURA	JPN	2003	3:33.24	TAKASHI HAYASHI	JPN	2013
32.61	KEIJIRO NAKAMURA	JPN	2004	1:26.12	BERND HORSTMANN	GER	2022	3:39.42	MASARU SHINKAI	JPN	2020
32.74	NEIL MACKINNON	GBR	2021	1:27.86	T.HASHIMOTO	JPN	2020	3:45.43	RUDOLF SMERDA	CZE	2023
32.80	FRANK PIEMME	USA	2005	1:28.01	MARTY MENNEN	USA	2016	3:46.51	OLEG TKACHENKO	RUS	2021
100 M.	FREE			1:28.01	YOSHI OYAKAWA	USA	2014	3:49.18	ALFRED SEGER	GER	2020
1:09.20	AKIRA FUJIMAKI	JPN	2023	1:28.31	JOAQUIN CANALES	ESP	2020	3:51.87	DAVID MCLACHLAN	RSA	2017
1:09.98	RICHARD BURNS	USA	2023	200 M.	BACK			3:52.41	THOMAS MAINE	USA	2007
1:11.26	DAVID RADCLIFF	USA	2014	2:56.75	RICHARD BURNS	USA	2023	3:57.85	JOHN COCKS	AUS	2018
1:12.38	JEFF FARRELL	USA	2017	2:59.39	JOZSEF CSIKANY	HUN	2023	3:58.52	JOAQUIN MENDOZA	ESP	2021
1:12.84	ROBERTO ALBERICHE	ESP	2012	3:07.44	DAVID COSTILL	USA	2017	100 M.	I.M.		
1:13.32	HIROSHI MATSUMOTO	JPN	2016	3:10.06	KEIJIRO NAKAMURA	JPN	2003	1:23.73	RICHARD BURNS	USA	2023
1:13.71	HELMUT RICHTER	GER	2019	3:11.14	BERND HORSTMANN	GER	2022	1:24.69	DAVID COSTILL	USA	2017
1:13.91	MASATO YOSHINO	JPN	2018	3:11.45	S.SEKIKAWA	JPN	2013	1:26.73	JOHN KELSO	CAN	2019
1:14.12	ROBERT PILGER	USA	2023	3:11.91	T.HASHIMOTO	JPN	2020	1:27.38	MASARU SHINKAI	JPN	2020
1:14.48	JOHN KELSO	CAN	2019	3:12.01	MARTY MENNEN	USA	2016	1:28.38	JEFF FARRELL	USA	2017
200 M.	FREE			3:15.61	GERHARD HOLE	GER	2015	1:28.42	BELA FABIAN	HUN	2017
2:38.25	DAVID RADCLIFF	USA	2014	3:17.15	KARL DONOGHUE	CAN	2020	1:28.47	GERHARD HOLE	GER	2015
2:43.60	RICHARD BURNS	USA	2023	50 M.	BRST			1:28.67	GERSHON SHEFA	ISR	2023
2:44.88	MASATO YOSHINO	JPN	2018	41.42	TOSHIO TAJIMA	JPN	2005	1:28.76	ROBERTO ALBERICHE	ESP	2012
2:45.24	ROBERTO ALBERICHE	ESP	2012	41.65	TONY GOODWIN	AUS	2017	1:29.29	JAMES ZURCHER	USA	2014
2:46.58	IKURO SHIMONO	JPN	2017	41.71	BELA FABIAN	HUN	2017	200 M.	I.M.		
2:46.61	WERNER SCHNABEL	GER	2016	41.80	ANTONIO ORSELLI	BRA	2023	3:08.90	RICHARD BURNS	USA	2023
2:49.39	HIROSHI MATSUMOTO	JPN	2016	42.00	TATSUO ASAI	JPN	2021	3:16.09	MASARU SHINKAI	JPN	2020
2:52.14	CAV CAVANAUGH	USA	2015	42.20	MASARU SHINKAI	JPN	2022	3:16.26	IKURO SHIMONO	JPN	2017
2:52.72	GERHARD HOLE	GER	2015	42.41	JOHN KELSO	CAN	2019	3:16.32	JOHN KELSO	CAN	2019
2:54.18	RICARDO YAMIN	BRA	2023	42.41	DAVID COSTILL	USA	2017	3:17.29	DAVID COSTILL	USA	2016
400 M.	FREE			42.57	DAVID GILDEA	USA	2023	3:18.55	GIULIO DIVANO	ITA	2011
5:39.27	DAVID RADCLIFF	USA	2014	42.98	KOUTAROU YUGAWA	JPN	2021	3:21.84	JOAQUIN CANALES	ESP	2020
5:51.05	MASATO YOSHINO	JPN	2018	100 M.	BRST			3:22.25	JAMES ZURCHER	USA	2014
5:56.77	ROBERTO ALBERICHE	ESP	2012	1:31.77	MASARU SHINKAI	JPN	2021	3:23.52	GERSHON SHEFA	ISR	2023
5:59.22	GIULIO DIVANO	ITA	2011	1:31.80	TONY GOODWIN	AUS	2017	3:23.52	T.TAKESHITA	JPN	2022
6:00.25	WERNER SCHNABEL	GER	2016	1:31.84	BELA FABIAN	HUN	2017	400 M.	I.M.		
6:03.16	TOSABURO HOSOKAWA	JPN	2015	1:35.96	ZENJI NAKAHARI	JPN	2008	6:58.11	GIULIO DIVANO	ITA	2011
6:04.46	LAURI MALK	FIN	2017	1:36.56	DAVE NOBLE	USA	2023	7:09.74	IKURO SHIMONO	JPN	2017
6:04.51	JOAQUIN CANALES	ESP	2020	1:36.60	ANTONIO ORSELLI	BRA	2023	7:12.09	MASARU SHINKAI	JPN	2022
6:11.38	WILLIAM LETCH	GBR	2020	1:36.60	TETSUO NAKAMARU	JPN	2015	7:14.71	DAVID COSTILL	USA	2016
6:12.87	BURWELL JONES	USA	2013	1:36.79	DAVID COSTILL	USA	2016	7:23.77	DAVE NOBLE	USA	2023
800 M.	FREE			1:36.91	KARL HAUTER	GER	2005	7:26.06	KARL HAUTER	GER	2005
								7:27.87	JOAQUIN CANALES	ESP	2020



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



7:31.47	JOHN COCKS	AUS	2016	41.75	CLARKE MITCHELL	USA	2017	100 M.	FLY		
7:33.77	WILLIAM LAUER	USA	2014	43.30	YOSHI OYAKAWA	USA	2018	1:49.41	JOHN COCKS	AUS	2022
7:35.40	JOAQUIN MENDOZA	ESP	2021	43.80	GORO KOBAYASHI	JPN	2001	1:51.51	LAURI MALK	FIN	2022
*****											
M E N 85-89											
*****											
50 M.	FREE			45.82	YOSHIKI ISHIZU	JPN	2019	2:01.65	ANDREW HOLDEN	USA	2004
32.23	ROBERTO ALBERICHE	ESP	2016	45.89	JOHN COCKS	AUS	2022	2:04.50	WALT PFEIFFER	USA	1998
32.63	TORU FURUKAWA	JPN	2023	100 M.	BACK			2:06.70	FRANK TANNER	USA	2016
34.44	JEFF FARRELL	USA	2023	1:28.98	KEIJIRO NAKAMURA	JPN	2008	2:11.49	KARL HAUTER	GER	2012
34.54	KEIJIRO NAKAMURA	JPN	2008	1:32.98	CLARKE MITCHELL	USA	2017	200 M.	FLY		
35.38	TSUTOMU HAYASHI	JPN	2021	1:39.04	DAVID COSTILL	USA	2021	4:07.30	DAVID CUMMING	GBR	2023
36.05	LAURI MALK	FIN	2022	1:39.08	GORO KOBAYASHI	JPN	2002	4:12.21	THOMAS MAINE	USA	2010
36.21	AL WORTH	USA	2021	1:40.25	TOSHIJI SATO	JPN	2000	4:27.43	LAURI MALK	FIN	2022
36.26	FRANK PIEMME	USA	2010	1:41.93	ROBERTO ALBERICHE	ESP	2016	4:28.53	JOHN COCKS	AUS	2022
36.31	TOSHIMI INATOMI	JPN	2011	1:42.84	KARL HAUTER	GER	2010	4:49.10	WALT PFEIFFER	USA	1998
36.47	H.TAKAHASHI	JPN	2022	1:43.44	MAMPEI SEINO	JPN	2018	4:57.51	SERHII SIMANKOV	UKR	2019
100 M.	FREE			1:43.86	DOUGLAS ALPINO	BRA	2022	5:01.50	PAUL KRUP	USA	2002
1:14.68	ROBERTO ALBERICHE	ESP	2016	1:44.61	ERIK FORSLUND	SWE	2022	5:05.95	FRANK TANNER	USA	2016
1:19.42	KEIJIRO NAKAMURA	JPN	2008	200 M.	BACK			5:07.49	TAKASHI HAYASHI	JPN	2019
1:20.73	JEFF FARRELL	USA	2022	3:18.29	KEIJIRO NAKAMURA	JPN	2008	5:09.64	FRED DE BRUIJN	ESP	2023
1:21.77	TORU FURUKAWA	JPN	2023	3:37.45	GORO KOBAYASHI	JPN	2002	100 M.	I.M.		
1:22.97	DAVID A RADCLIFF	USA	2019	3:40.17	DAVID COSTILL	USA	2021	1:32.47	HEINZ SIEGEL	GER	2003
1:23.20	JIM EUBANK	USA	2000	3:43.51	E.NODENSCHNEIDER	FRA	2022	1:34.39	ROBERTO ALBERICHE	ESP	2016
1:24.08	HIROSHI MATSUMOTO	JPN	2022	3:44.49	LAURI MALK	FIN	2022	1:39.42	IKURO SHIMONO	JPN	2022
1:24.14	H.TAKAHASHI	JPN	2022	3:45.86	JOHN COCKS	AUS	2022	1:40.50	YOSHINAO KAMEI	JPN	2018
1:24.32	ROD BAKER	AUS	2013	3:48.13	MAMPEI SEINO	JPN	2018	1:40.78	KARL HAUTER	GER	2010
1:24.94	AL WORTH	USA	2021	3:49.41	CLARKE MITCHELL	USA	2019	1:40.79	JOHN COCKS	AUS	2022
200 M.	FREE			3:55.12	WILLARD LAMB	USA	2008	1:41.27	D.LEATHERBARROW	GBR	2023
2:53.91	ROBERTO ALBERICHE	ESP	2017	3:55.84	V.MESHCHERYAKOV	RUS	2019	1:41.31	CLARKE MITCHELL	USA	2018
3:03.23	DAVID A RADCLIFF	USA	2019	50 M.	BRST			1:42.41	FRANK PIEMME	USA	2010
3:06.74	WERNER SCHNABEL	GER	2022	44.47	TOSHIO TAJIMA	JPN	2010	1:44.50	HANS REICHEL	GER	2021
3:08.23	IKURO SHIMONO	JPN	2022	45.05	HANS REICHEL	GER	2021	200 M.	I.M.		
3:08.73	LAURI MALK	FIN	2022	45.48	TONY GOODWIN	AUS	2022	3:36.41	JOHN COCKS	AUS	2022
3:09.31	H.TAKAHASHI	JPN	2022	46.16	HIROFUMI HOSOTANI	JPN	2021	3:40.03	IKURO SHIMONO	JPN	2022
3:11.42	WALLIE JEFFRIES	USA	2016	46.24	TETSUO NAKAMARU	JPN	2022	3:41.83	JAMES B ZURCHER	USA	2019
3:12.85	WILLARD LAMB	USA	2007	46.44	MIKHAIL FARAFONOV	RUS	2022	3:48.20	YOSHINAO KAMEI	JPN	2018
3:13.42	MASATO YOSHINO	JPN	2023	47.12	SHUNZO YAMANAKA	JPN	2017	3:48.34	KARL HAUTER	GER	2010
3:13.45	JIM EUBANK	USA	2000	47.24	FRANK PIEMME	USA	2010	3:50.46	FRANK PIEMME	USA	2010
400 M.	FREE			47.53	KARL HAUTER	GER	2012	3:54.61	THOMAS MAINE	USA	2010
6:27.44	DAVID A RADCLIFF	USA	2019	47.66	Y.KAWABATA	JPN	2010	3:55.12	KAIZO YAMAMOTO	JPN	2023
6:30.16	ROBERTO ALBERICHE	ESP	2016	100 M.	BRST			3:56.64	BOB BEST	USA	2017
6:49.44	FRED DE BRUIJN	ESP	2023	1:39.04	TONY GOODWIN	AUS	2023	3:56.77	FRED DE BRUIJN	ESP	2023
6:53.46	H.TAKAHASHI	JPN	2023	1:42.69	HANS REICHEL	GER	2021	400 M.	I.M.		
6:53.90	WALLIE JEFFRIES	USA	2016	1:43.72	KARL HAUTER	GER	2010	7:58.08	JOHN COCKS	AUS	2022
6:56.12	ROD BAKER	AUS	2013	1:46.07	IWAO NARUSE	JPN	2017	8:08.28	DAVID CUMMING	GBR	2023
6:56.90	WERNER SCHNABEL	GER	2022	1:47.12	PATRICK GALVIN	AUS	2018	8:12.94	THOMAS MAINE	USA	2010
6:58.70	KATSURA SUZUKI	JPN	2016	1:47.97	TOSHIO TAJIMA	JPN	2010	8:22.96	KAIZO YAMAMOTO	JPN	2023
7:00.77	GRAHAM JOHNSTON	USA	2016	1:48.57	SHUNSAKU TAKAHIRA	JPN	2019	8:32.50	FRANK PIEMME	USA	2010
7:08.79	NOBUMOTO TANAKA	JPN	2022	1:49.22	JOHN COCKS	AUS	2022	8:43.84	FRED DE BRUIJN	ESP	2023
800 M.	FREE			1:49.53	HIROFUMI HOSOTANI	JPN	2021	8:46.73	YOSHINAO KAMEI	JPN	2018
13:20.46	DAVID A RADCLIFF	USA	2019	1:49.77	Y.KASHIKAWA	JPN	2019	9:01.55	FRANK TANNER	USA	2016
14:04.48	WILLARD LAMB	USA	2008	200 M.	BRST			9:02.62	LAURI MALK	FIN	2022
14:25.82	FRED DE BRUIJN	ESP	2023	3:43.10	TONY GOODWIN	AUS	2023	9:32.65	WALT PFEIFFER	USA	1998
14:28.42	JOEL LOCKWOOD	USA	2019	3:54.97	JOHN COCKS	AUS	2022	*****			
14:31.82	KATSURA SUZUKI	JPN	2016	3:55.71	FRED DE BRUIJN	ESP	2023	M E N 90-94			
14:42.22	GRAHAM JOHNSTON	USA	2016	3:55.98	HANS REICHEL	GER	2022	*****			
14:51.31	WERNER SCHNABEL	GER	2022	3:59.67	KAIZO YAMAMOTO	JPN	2023	50 M.	FREE		
14:58.79	DAVID CUMMING	GBR	2023	3:59.91	SHUNSAKU TAKAHIRA	JPN	2017	40.93	TOSHIMI INATOMI	JPN	2016
15:01.45	ROD BAKER	AUS	2013	4:04.89	PATRICK GALVIN	AUS	2018	41.07	WOODY BOWERSOCK	USA	2003
15:03.26	JURGEN SCHMIDT	USA	2008	4:05.91	FRANK PIEMME	USA	2010	42.10	YOSHINAO KAMEI	JPN	2023
1500 M.	FREE			4:09.55	CLAUDIO NEGRI	ITA	2022	42.60	GORO KOBAYASHI	JPN	2006
25:18.19	DAVID A RADCLIFF	USA	2019	4:10.04	IWAO NARUSE	JPN	2018	42.69	WILLARD LAMB	USA	2013
27:28.24	KATSURA SUZUKI	JPN	2016	50 M.	FLY			42.76	GEORGE CORONES	AUS	2009
27:57.05	LAURI MALK	FIN	2022	41.08	ROBERTO ALBERICHE	ESP	2016	42.93	TOKUSHI KOMEDA	JPN	2004
28:07.33	JOEL LOCKWOOD	USA	2019	43.35	MAX VON ISSER	USA	2004	43.18	KARL HAUTER	GER	2015
28:07.95	GRAHAM JOHNSTON	USA	2016	44.10	TOSHIO TAJIMA	JPN	2010	43.89	KAZUNAGA AKUTSU	JPN	2002
28:17.36	WILLARD LAMB	USA	2008	44.69	TAMON YOSHIDA	JPN	2011	43.91	ISAMU TAMURA	JPN	2009
28:49.50	D.LEATHERBARROW	GBR	2023	44.72	TAKAYOSHI SAITO	JPN	2023	100 M.	FREE		
29:16.62	JURGEN SCHMIDT	USA	2008	44.93	TAKASHI HAYASHI	JPN	2018	1:35.17	KARL HAUTER	GER	2015
29:53.03	JOHN COCKS	AUS	2022	45.36	CLARKE MITCHELL	USA	2017	1:38.38	KATSURA SUZUKI	JPN	2022
29:55.69	JIM EUBANK	USA	2000	45.50	FRANK PIEMME	USA	2010	1:39.26	WOODY BOWERSOCK	USA	2003
50 M.	BACK			46.49	JOHN COCKS	AUS	2022	1:39.27	WILLARD LAMB	USA	2014
40.59	KEIJIRO NAKAMURA	JPN	2009	46.98	IKURO SHIMONO	JPN	2022				

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



1:41.47	TOKUSHI KOMEDA	JPN	2004	4:17.86	WILLARD LAMB	USA	2014	2:15.51	JURGEN SCHMIDT	USA	2013
1:45.28	GORO KOBAYASHI	JPN	2007	4:20.68	R.REINSTADTLER	GER	2002	2:16.67	R.REINSTADTLER	GER	2002
1:45.44	GEORGE CORONES	AUS	2009	4:25.14	JOHN MERRILL	USA	2007	200 M.	I.M.		
1:46.82	M.YOSHIZAWA	JPN	2022	4:29.54	NILS FERM	SWE	2007	4:17.75	KARL HAUTER	GER	2016
1:47.51	MASAHISA KANEKO	JPN	2002	4:40.10	CHRIS SMITH	CAN	2022	4:36.45	THOMAS MAINE	USA	2016
1:47.70	STEVE CARLSON	USA	2009	4:40.34	THOMAS MAINE	USA	2015	4:42.02	JAN ZIEGLER	CZE	2015
	200 M.	FREE		4:45.91	ROGERS HOLMES	USA	2011	5:13.24	WALT PFEIFFER	USA	2003
3:27.14	KARL HAUTER	GER	2016	4:47.45	WOODY BOWERSOCK	USA	2003	5:21.93	JURGEN SCHMIDT	USA	2013
3:39.65	TOKUSHI KOMEDA	JPN	2004	50 M.	BRST			5:34.52	CHRIS SMITH	CAN	2022
3:42.75	KATSURA SUZUKI	JPN	2022	49.58	TOSHIO TAJIMA	JPN	2015	6:10.00	JOHN HARRISON	GBR	2004
3:46.17	WILLARD LAMB	USA	2014	51.67	Y.KAWABATA	JPN	2015	6:26.33	TOM MITCHELL	USA	2023
3:48.53	GORO KOBAYASHI	JPN	2007	51.68	KARL HAUTER	GER	2015	7:18.74	ROMAN JEZEK	CAN	2004
3:58.06	CHRIS SMITH	CAN	2022	53.23	HEINZ JAHR	GER	1997	7:28.79	BILL WALKER	AUS	2019
3:59.28	WOODY BOWERSOCK	USA	2003	55.68	HIROMU YOSHIMOTO	JPN	2005	400 M.	I.M.		
4:01.58	JURGEN SCHMIDT	USA	2013	57.91	C-H DE MUNIZAGA	GER	2021	9:39.56	THOMAS MAINE	USA	2015
4:03.31	STEVE CARLSON	USA	2009	58.39	TAKESHI YASUKAWA	JPN	2013	11:15.65	WALT PFEIFFER	USA	2003
4:09.39	V.MESHCHERYAKOV	RUS	2023	58.72	ISAMU TAMURA	JPN	2009	15:21.15	ROBERT DOUD	USA	2013
	400 M.	FREE		58.80	JAN ZIEGLER	CZE	2015	15:45.53	EUGENE LEHMAN	CAN	2003
7:16.90	KATSURA SUZUKI	JPN	2021	59.79	C.DE MUNIZAGA	GER	2022	17:59.19	BILL REEDER	USA	2000
7:44.83	WILLARD LAMB	USA	2014	100 M.	BRST						
7:51.75	KARL HAUTER	GER	2017	1:56.64	KARL HAUTER	GER	2015	*****			
8:29.29	CHRIS SMITH	CAN	2022	2:15.14	HIROMU YOSHIMOTO	JPN	2005	M E N 95-99			
8:32.09	JURGEN SCHMIDT	USA	2013	2:18.92	HARUO FUKATSU	JPN	2022	*****			
8:50.65	GUS LANGNER	USA	1993	2:21.07	GUILHERME SILVA	BRA	2018	50 M.	FREE		
8:52.43	V.MESHCHERYAKOV	RUS	2023	2:23.92	RUSS WITTE	USA	2008	45.47	WILLARD LAMB	USA	2017
8:52.99	STEVE CARLSON	USA	2009	2:24.05	AKIRA MATSUMOTO	JPN	2023	47.16	GEORGE CORONES	AUS	2013
9:05.71	JOHN MERRILL	USA	2007	2:32.59	SEITA INAYOSHI	JPN	2013	47.45	TOSHIMI INATOMI	JPN	2021
9:05.85	JAMES DETAR	BRA	2014	2:32.84	YOICHIRO ARAI	JPN	2023	55.08	KAZUNAGA AKUTSU	JPN	2007
	800 M.	FREE		2:32.84	ALBERT H WOODS	USA	2019	55.41	YOSHIRO OBATA	JPN	2018
16:04.18	WILLARD LAMB	USA	2014	2:32.87	MASAHISA KANEKO	JPN	2002	57.57	GUS LANGNER	USA	1998
17:14.92	CHRIS SMITH	CAN	2022	200 M.	BRST			1:00.40	R.REINSTADTLER	GER	2007
18:01.28	V.MESHCHERYAKOV	RUS	2023	4:21.52	KARL HAUTER	GER	2016	1:00.42	KAIZO WATANABE	JPN	2018
18:13.98	JURGEN SCHMIDT	USA	2013	4:59.71	HIROMU YOSHIMOTO	JPN	2005	1:00.56	K.MROWCZYNSKI	POL	2017
18:36.25	NILS FERM	SWE	2008	5:19.20	THOMAS MAINE	USA	2015	1:01.65	GERSON SOBEL	USA	2005
18:49.01	AUSTIN NEWMAN	USA	2005	5:32.15	DENZO WAKAYAMA	JPN	2015	100 M.	FREE		
19:06.71	EDWARD HOY	GBR	2018	5:32.73	GEORGE CORONES	AUS	2009	1:02.61	SEBASTIAO SANTOS	BRA	2017
19:19.87	JAMES TAR	BRA	2014	5:35.74	MASAHISA KANEKO	JPN	2003	1:47.23	WILLARD LAMB	USA	2017
19:29.43	IZUMI MATSUDA	JPN	2015	5:37.31	JURGEN SCHMIDT	USA	2013	1:54.60	GEORGE CORONES	AUS	2013
19:31.83	WOODY BOWERSOCK	USA	2003	5:44.96	RUSS WITTE	USA	2008	2:03.99	YOSHIRO OBATA	JPN	2018
	1500 M.	FREE		5:46.96	E OLE LARSON	USA	2011	2:09.32	KAZUNAGA AKUTSU	JPN	2007
30:12.33	KATSURA SUZUKI	JPN	2022	5:47.17	SEITA INAYOSHI	JPN	2013	2:19.51	GUS LANGNER	USA	1998
30:41.82	WILLARD LAMB	USA	2014	50 M.	FLY			2:29.61	EDWARD HOY	GBR	2023
32:35.69	CHRIS SMITH	CAN	2022	54.10	C-H DE MUNIZAGA	GER	2021	2:31.62	JARING TIMMERMAN	CAN	2004
34:06.04	V.MESHCHERYAKOV	RUS	2023	54.38	TOSHIO TAJIMA	JPN	2015	2:31.83	HUGH MCGREGOR	CAN	2014
35:20.36	AUSTIN NEWMAN	USA	2005	56.09	WALT PFEIFFER	USA	2003	2:33.97	ALFRED SCHULHOF	CAN	2014
35:45.97	JURGEN SCHMIDT	USA	2014	59.45	GUILHERME SILVA	BRA	2018	200 M.	FREE		
36:10.67	EDWARD HOY	GBR	2018	59.54	CURT-HEINZ ZEISS	GER	2023	3:56.49	WILLARD LAMB	USA	2017
38:17.40	NILS FERM	SWE	2007	1:00.39	KARL HAUTER	GER	2015	5:13.46	GUS LANGNER	USA	1998
38:53.33	HUGH MCGREGOR	CAN	2009	1:00.40	JAN ZIEGLER	CZE	2015	5:22.00	EDWARD HOY	GBR	2023
39:27.89	JAMES TAR	BRA	2014	1:00.50	HEINZ JAHR	GER	1997	5:22.05	JUAN FRANCISCO	ESP	2023
	50 M.	BACK		1:04.99	THOMAS MAINE	USA	2015	5:29.49	ALFRED SCHULHOF	CAN	2014
52.40	MAMPEI SEINO	JPN	2023	1:07.00	ALDO CAPUTI	ITA	2005	5:40.43	K.MROWCZYNSKI	POL	2017
52.49	GORO KOBAYASHI	JPN	2008	100 M.	FLY			5:42.47	ALFREDO CHERCHI	AUS	2002
53.12	FRITZ ILGEN	GER	2023	2:16.78	GUILHERME SILVA	BRA	2018	5:46.73	HUGH MCGREGOR	CAN	2014
53.24	R.REINSTADTLER	GER	2002	2:21.82	WALT PFEIFFER	USA	2003	5:55.45	JOHN HARRISON	GBR	2009
53.32	TOSHIJI SATO	JPN	2005	2:23.21	KARL HAUTER	GER	2015	6:04.86	JAMES TAR	BRA	2021
53.37	K.KLAUSTERMAYER	GER	2018	2:24.00	THOMAS MAINE	USA	2015	400 M.	FREE		
53.85	KAIZO WATANABE	JPN	2013	2:41.14	ALDO CAPUTI	ITA	2005	8:13.42	WILLARD LAMB	USA	2017
54.50	ZAVEN BOGHOSSIAN	BRA	2017	3:40.42	ROBERT DOUD	USA	2013	10:39.55	JUAN FRANCISCO	ESP	2022
54.81	ANTON BIEDERMANN	BRA	2014	4:25.80	EUGENE LEHMAN	CAN	2003	10:51.93	GUS LANGNER	USA	1998
55.25	JOHN MERRILL	USA	2007	4:50.20	BILL REEDER	USA	2001	11:09.46	EDWARD HOY	GBR	2023
	100 M.	BACK		200 M.	FLY			12:08.80	HUGH MCGREGOR	CAN	2014
1:47.66	GORO KOBAYASHI	JPN	2006	5:24.08	THOMAS MAINE	USA	2015	12:24.23	JOHN HARRISON	GBR	2009
1:58.10	MAMPEI SEINO	JPN	2023	5:37.23	WALT PFEIFFER	USA	2003	16:31.48	EUGENE LEHMAN	CAN	2008
1:58.15	V.MESHCHERYAKOV	RUS	2023	8:21.40	ROBERT DOUD	USA	2013	20:44.35	WERNER KELLER	SUI	2019
1:58.27	TOSHIJI SATO	JPN	2005	9:14.77	EUGENE LEHMAN	CAN	2003	800 M.	FREE		
1:58.74	KARL HAUTER	GER	2015	100 M.	I.M.			16:56.22	WILLARD LAMB	USA	2017
1:59.76	WILLARD LAMB	USA	2013	1:53.75	KARL HAUTER	GER	2015	22:05.55	GUS LANGNER	USA	1998
2:00.03	JOHN MERRILL	USA	2007	1:55.19	YOSHINO KAMEI	JPN	2023	22:48.37	JUAN FRANCISCO	ESP	2022
2:00.25	R.REINSTADTLER	GER	2002	2:01.30	JAN ZIEGLER	CZE	2015	23:02.82	EDWARD HOY	GBR	2023
2:05.53	KAIZO WATANABE	JPN	2014	2:08.35	THOMAS MAINE	USA	2015	32:46.93	EUGENE LEHMAN	CAN	2008
2:05.76	NILS FERM	SWE	2009	2:08.86	TOKUSHI KOMEDA	JPN	2004	42:14.70	WERNER KELLER	SUI	2019
	200 M.	BACK		2:09.51	C.DE MUNIZAGA	GER	2022	1500 M.	FREE		
3:59.25	GORO KOBAYASHI	JPN	2007	2:13.60	GOTTFRIED KLARING	GER	2022	31:56.67	WILLARD LAMB	USA	2017
4:07.82	V.MESHCHERYAKOV	RUS	2023	2:14.23	WALT PFEIFFER	USA	2003	41:29.87	GUS LANGNER	USA	1998

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



50 M. BACK		3:33.98	GUS LANGNER	USA 1998
55.60 WILLARD LAMB	USA 2017	5:45.94	BILL REEDER	USA 2005
1:01.25 KAZUNAGA AKUTSU	JPN 2007	6:00.24	TSUNEO KOSHIBA	JPN 2023
1:03.77 HORVATH BANKI	HUN 2015	200 M. I.M.		
1:05.82 ALFRED SCHULHOF	CAN 2014	9:50.55	WALTER PFEIFFER	USA 2008
1:06.23 GORO KOBAYASHI	JPN 2011	10:39.89	ROBERT DOUD	USA 2018
1:09.22 TOSHIJI SATO	JPN 2012	11:28.78	TSUNEO KOSHIBA	JPN 2023
1:09.36 CHARLES RENNER	AUS 2023	400 M. I.M.		
1:09.49 ANTON BIEDERMANN	BRA 2023	21:03.17	WALTER PFEIFFER	USA 2008
1:10.42 NORI YAMAMOTO	JPN 2004			
1:10.77 KAZUO YASUIKE	JPN 2023	*****		
100 M. BACK		M E N 100-104		
2:04.72 WILLARD LAMB	USA 2017	*****		
2:21.73 TOSHIJI SATO	JPN 2010	50 M. FREE		
2:23.12 KAZUNAGA AKUTSU	JPN 2007	55.75	GEORGE CORONES	AUS 2018
2:25.92 GORO KOBAYASHI	JPN 2012	57.81	WILLARD J LAMB	USA 2022
2:29.49 HORVATH BANKI	HUN 2015	1:03.15	HIDEKAZU TAMURA	JPN 2020
2:33.97 ALFRED SCHULHOF	CAN 2014	1:16.92	JARING TIMMERMAN	CAN 2009
2:35.71 ANTON BIEDERMANN	BRA 2023	1:27.67	JOHN HARRISON	GBR 2014
2:43.41 JEAN LEEMPUT	FRA 2010	1:32.43	JEAN LEEMPUT	FRA 2014
2:46.68 JOHN HARRISON	GBR 2009	2:06.66	TOM LANE	USA 1995
2:56.67 RUSS WITTE	USA 2011	2:07.41	HANS HAHN	GER 2008
200 M. BACK		100 M. FREE		
4:24.83 WILLARD LAMB	USA 2017	2:13.96	WILLARD J LAMB	USA 2022
5:29.49 ALFRED SCHULHOF	CAN 2014	2:19.02	GEORGE CORONES	AUS 2018
5:53.77 ANTON BIEDERMANN	BRA 2023	3:02.22	JARING TIMMERMAN	CAN 2009
6:18.51 JOHN HARRISON	GBR 2009	3:27.79	JOHN HARRISON	GBR 2014
6:37.28 B.BANKI-HORVATH	HUN 2017	4:32.29	TOM LANE	USA 1995
6:57.37 F.BETANCOR	ESP 2021	200 M. FREE		
7:01.87 ALFREDO CHERCHI	AUS 2002	4:50.84	WILLARD J LAMB	USA 2022
8:32.34 GUS LANGNER	USA 1998	400 M. FREE		
9:31.21 BILL REEDER	USA 2005	10:05.73	WILLARD J LAMB	USA 2022
9:50.56 WERNER KELLER	SUI 2019	800 M. FREE		
50 M. BRST		20:23.87	WILLARD J LAMB	USA 2022
1:07.12 HIROMU YOSHIMOTO	JPN 2010	1500 M. FREE		
1:09.34 GEORGE CORONES	AUS 2013	38:32.90	WILLARD J LAMB	USA 2022
1:11.36 ALFRED SCHULHOF	CAN 2014	50 M. BACK		
1:13.72 RUSS WITTE	USA 2011	1:07.11	WILLARD J LAMB	USA 2022
1:16.93 JAN HOEG	NOR 2018	1:26.68	JEAN LEEMPUT	FRA 2014
1:17.30 K.MROWCZYNSKI	POL 2017	1:45.59	JARING TIMMERMAN	CAN 2009
1:22.80 KAZUNAGA AKUTSU	JPN 2007	2:02.52	TOM LANE	USA 1995
1:28.78 HORVATH BANKI	HUN 2015	2:09.37	HANS HAHN	GER 2008
1:30.92 KAZUO YASUIKE	JPN 2023	4:17.99	NOBUO OTSUKI	JPN 2007
1:31.50 ROMAN JEZEK	CAN 2009	100 M. BACK		
100 M. BRST		2:24.84	WILLARD J LAMB	USA 2022
2:31.77 HIROMU YOSHIMOTO	JPN 2010	3:26.09	JEAN LEEMPUT	FRA 2014
2:43.30 GEORGE CORONES	AUS 2013	3:39.53	JOHN HARRISON	GBR 2014
3:01.83 ALFRED SCHULHOF	CAN 2014	3:51.54	JARING TIMMERMAN	CAN 2009
3:03.57 RUSS WITTE	USA 2011	5:01.82	HANS HAHN	GER 2008
3:24.92 ROMAN JEZEK	CAN 2009	200 M. BACK		
3:35.33 GUS LANGNER	USA 1998	5:09.10	WILLARD J LAMB	USA 2022
3:37.75 B.BANKI-HORVATH	HUN 2016	50 M. BRST		
4:07.54 JACK MATHESON	AUS 2013	1:20.78	GEORGE CORONES	AUS 2018
4:29.87 WERNER KELLER	SUI 2019	1:52.04	WILLARD J LAMB	USA 2022
4:58.99 DONALD J HUBBARD	USA 2022	*****		
200 M. BRST		M E N 105-109		
5:45.70 HIROMU YOSHIMOTO	JPN 2010	*****		
6:05.88 GEORGE CORONES	AUS 2013	50 M. FREE		
6:14.84 RUSS WITTE	USA 2011	2:52.48	JARING TIMMERMAN	CAN 2014
7:29.31 GUS LANGNER	USA 1998	50 M. BACK		
8:00.06 ROMAN JEZEK	CAN 2009	3:09.55	JARING TIMMERMAN	CAN 2014
8:27.21 B.BANKI-HORVATH	HUN 2016			
9:39.67 WERNER KELLER	SUI 2019			
9:49.33 DONALD J HUBBARD	USA 2022			
50 M. FLY				
1:35.76 ALDO CAPUTI	ITA 2010			
2:02.24 ROBERT DOUD	USA 2018			
3:02.06 EUGENE LEHMAN	CAN 2008			
100 M. FLY				
5:36.78 ROBERT DOUD	USA 2018			
6:04.41 WALTER PFEIFFER	USA 2008			
200 M. FLY				
11:08.68 ROBERT DOUD	USA 2018			
100 M. I.M.				
2:39.39 WILLARD LAMB	USA 2017			