



FINA WORLD MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2016

Table of FINA World Masters Records for Short Course Meters as of Dec 31, 2016. The table is organized into three sections based on age groups: 25-29, 30-34, and 35-39. Each section lists records for Men and Women (W O M E N). Each record entry includes the time, date, country, name, age, gender, stroke, and the name of the record holder along with their date of birth and time.



**FINA WORLD MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2016**

|          |            |     |                  |       |    |      |                   |           |            |          |
|----------|------------|-----|------------------|-------|----|------|-------------------|-----------|------------|----------|
| 2:13.72  | 12/07/2014 | USA | STEVE WEST       | 200   | M. | BRST | S.VON DER LIPPE   | USA       | 11/16/2008 | 2:32.37  |
| 24.14    | 03/16/2014 | SWE | LARS FROLANDER   | 50    | M. | FLY  | ERIKA BRAUN       | USA       | 03/16/2013 | 28.19    |
| 53.81    | 03/15/2014 | SWE | LARS FROLANDER   | 100   | M. | FLY  | S.VON DER LIPPE   | USA       | 11/21/2009 | 1:01.70  |
| 2:02.97  | 10/11/1998 | USA | WILLIAM SPECHT   | 200   | M. | FLY  | S.VON DER LIPPE   | USA       | 11/19/2006 | 2:20.66  |
| 57.07    | 05/05/2016 | JPN | HIDEAKI HARA     | 100   | M. | I.M. | LISA BLACKBURN    | USA       | 10/10/2015 | 1:04.19  |
| 2:05.46  | 12/04/2009 | USA | ROQUE SANTOS     | 200   | M. | I.M. | S.VON DER LIPPE   | USA       | 12/02/2007 | 2:19.21  |
| 4:30.68  | 10/10/2014 | USA | ERIC CHRISTENSEN | 400   | M. | I.M. | K.PIPES-NEILSEN   | USA       | 11/24/2002 | 5:00.82  |
| *****    |            | MEN | *****            | 45-49 |    |      | *****             | W O M E N | *****      |          |
| 23.29    | 05/07/2016 | SWE | JOAKIM HOLMQUIST | 50    | M. | FREE | M.THERESE FUZZATI | FRA       | 05/18/2013 | 26.37    |
| 51.30    | 03/10/2012 | FRA | NICOLAS GRANGER  | 100   | M. | FREE | MARIE FUZZATI     | FRA       | 03/29/2014 | 58.43    |
| 1:52.87  | 03/09/2012 | FRA | NICOLAS GRANGER  | 200   | M. | FREE | K.PIPES-NEILSEN   | USA       | 12/02/2007 | 2:05.94  |
| 4:03.10  | 04/18/2015 | ITA | FABIO CALMASINI  | 400   | M. | FREE | K.PIPES-NEILSEN   | USA       | 05/16/2009 | 4:25.34  |
| 8:24.75  | 03/29/2015 | ITA | FABIO CALMASINI  | 800   | M. | FREE | K.PIPES-NEILSEN   | USA       | 05/15/2009 | 9:11.37  |
| 16:13.34 | 02/15/2015 | ITA | FABIO CALMASINI  | 1500  | M. | FREE | ALISON ZAMANIAN   | USA       | 01/24/2015 | 17:22.01 |
| 26.62    | 09/19/2015 | BRA | EDILSON SILVA JR | 50    | M. | BACK | CINDY MABEE       | CAN       | 04/26/2014 | 30.25    |
| 57.00    | 12/13/2009 | USA | CHRIS STEVENSON  | 100   | M. | BACK | K.PIPES-NEILSEN   | FRA       | 02/27/2009 | 1:04.46  |
| 2:05.54  | 12/12/2009 | USA | CHRIS STEVENSON  | 200   | M. | BACK | K.PIPES-NEILSEN   | FRA       | 02/26/2009 | 2:18.15  |
| 28.87    | 01/17/2010 | ITA | RICO ROLLI       | 50    | M. | BRST | ANNA HAMMER       | SWE       | 03/17/2013 | 33.81    |
| 1:03.23  | 03/28/2015 | FRA | NICOLAS GRANGER  | 100   | M. | BRST | ANNA HAMMER       | SWE       | 03/16/2013 | 1:12.64  |
| 2:18.91  | 03/27/2015 | FRA | NICOLAS GRANGER  | 200   | M. | BRST | S.VON DER LIPPE   | USA       | 11/21/2010 | 2:38.00  |
| 25.58    | 03/17/2013 | SWE | JAN KARLSSON     | 50    | M. | FLY  | S.VON DER LIPPE   | USA       | 10/10/2010 | 28.84    |
| 56.37    | 03/25/2016 | FRA | NICOLAS GRANGER  | 100   | M. | FLY  | S.VON DER LIPPE   | USA       | 11/20/2010 | 1:03.47  |
| 2:06.40  | 11/19/2006 | USA | DENNIS BAKER     | 200   | M. | FLY  | K.PIPES-NEILSEN   | USA       | 12/13/2009 | 2:23.18  |
| 57.68    | 03/09/2012 | FRA | NICOLAS GRANGER  | 100   | M. | I.M. | K.PIPES-NEILSEN   | FRA       | 02/26/2009 | 1:05.61  |
| 2:04.64  | 03/08/2012 | FRA | NICOLAS GRANGER  | 200   | M. | I.M. | K.PIPES-NEILSEN   | USA       | 05/17/2009 | 2:21.55  |
| 4:31.36  | 04/07/2012 | FRA | NICOLAS GRANGER  | 400   | M. | I.M. | K.PIPES-NEILSEN   | FRA       | 02/27/2009 | 5:00.29  |
| *****    |            | MEN | *****            | 50-54 |    |      | *****             | W O M E N | *****      |          |
| 23.38    | 10/18/2009 | USA | ROWDY GAINES     | 50    | M. | FREE | M.THERESE FUZZATI | FRA       | 03/27/2015 | 26.27    |
| 51.61    | 10/17/2009 | USA | ROWDY GAINES     | 100   | M. | FREE | M.THERESE FUZZATI | FRA       | 01/25/2015 | 58.60    |
| 1:54.61  | 10/14/2011 | USA | AMBROSE GAINES   | 200   | M. | FREE | S.HEIM-BOWEN      | USA       | 12/06/2009 | 2:10.72  |
| 4:07.99  | 12/10/2000 | USA | JIM MCCONICA     | 400   | M. | FREE | LYNN MARSHALL     | CAN       | 01/29/2011 | 4:34.81  |
| 8:44.51  | 12/10/2000 | USA | JIM MCCONICA     | 800   | M. | FREE | LYNN MARSHALL     | CAN       | 01/09/2011 | 9:23.45  |
| 16:33.02 | 12/10/2000 | USA | JIM MCCONICA     | 1500  | M. | FREE | LYNN MARSHALL     | CAN       | 03/02/2013 | 17:49.23 |
| 26.69    | 10/24/2015 | USA | FRITZ BEDFORD    | 50    | M. | BACK | LESLIE LIVINGSTON | USA       | 12/13/2015 | 30.27    |
| 58.47    | 10/24/2015 | USA | FRITZ BEDFORD    | 100   | M. | BACK | ELLEN REYNOLDS    | USA       | 03/08/2014 | 1:05.89  |
| 2:11.84  | 12/04/2009 | USA | JAMIE FOWLER     | 200   | M. | BACK | ELLEN REYNOLDS    | USA       | 03/08/2014 | 2:22.37  |
| 29.84    | 12/08/2013 | USA | DAVID GUTHRIE    | 50    | M. | BRST | MONICA CORO       | ITA       | 11/24/2012 | 33.96    |
| 1:04.54  | 12/07/2013 | USA | DAVID GUTHRIE    | 100   | M. | BRST | UTE HASSE         | ESP       | 03/21/2015 | 1:15.02  |
| 2:21.65  | 12/08/2013 | USA | DAVID GUTHRIE    | 200   | M. | BRST | MARZENA KULIS     | ITA       | 01/23/2016 | 2:46.99  |
| 25.49    | 05/16/2009 | CAN | DAN THOMPSON     | 50    | M. | FLY  | LESLIE LIVINGSTON | USA       | 03/16/2013 | 29.25    |
| 57.29    | 12/02/2007 | USA | PAUL CARTER      | 100   | M. | FLY  | DANIELA DE PONTI  | ITA       | 04/03/2016 | 1:06.88  |
| 2:10.52  | 05/21/2016 | USA | MIKE SHAFFER     | 200   | M. | FLY  | LYNN MARSHALL     | CAN       | 05/08/2011 | 2:28.08  |
| 1:00.57  | 12/10/2016 | USA | SCOTT HEBER      | 100   | M. | I.M. | ANETTE PHILIPSSON | SWE       | 11/07/2015 | 1:07.85  |
| 2:12.85  | 05/17/2015 | USA | JEROME FRENTSOS  | 200   | M. | I.M. | ELLEN REYNOLDS    | USA       | 09/28/2014 | 2:28.64  |
| 4:45.15  | 05/18/2015 | USA | JEROME FRENTSOS  | 400   | M. | I.M. | ELLEN REYNOLDS    | USA       | 09/26/2014 | 5:10.96  |
| *****    |            | MEN | *****            | 55-59 |    |      | *****             | W O M E N | *****      |          |
| 24.51    | 04/19/2015 | JPN | BRENT BARNES     | 50    | M. | FREE | LESLIE LIVINGSTON | USA       | 03/05/2016 | 27.81    |
| 54.50    | 04/05/2009 | USA | JACK GROSELLE    | 100   | M. | FREE | LAURA VAL         | USA       | 12/04/2009 | 1:01.33  |
| 1:59.08  | 11/21/2009 | USA | MICHAEL MANN     | 200   | M. | FREE | LYNN MARSHALL     | CAN       | 02/28/2016 | 2:13.58  |
| 4:16.03  | 11/22/2009 | USA | MICHAEL MANN     | 400   | M. | FREE | LYNN MARSHALL     | CAN       | 01/23/2016 | 4:37.35  |
| 8:51.34  | 11/21/2009 | USA | MICHAEL MANN     | 800   | M. | FREE | LYNN MARSHALL     | CAN       | 04/01/2016 | 9:33.78  |
| 17:14.15 | 10/02/2005 | USA | JIM MCCONICA     | 1500  | M. | FREE | LYNN MARSHALL     | CAN       | 01/30/2016 | 18:06.01 |
| 28.12    | 10/10/2015 | USA | STEVE WOOD       | 50    | M. | BACK | LESLIE LIVINGSTON | USA       | 03/05/2016 | 30.12    |
| 1:02.26  | 03/15/2015 | ITA | MARCO COLOMBO    | 100   | M. | BACK | LESLIE LIVINGSTON | USA       | 03/05/2016 | 1:10.08  |
| 2:15.79  | 12/05/2014 | USA | JAMIE FOWLER     | 200   | M. | BACK | LYNN MARSHALL     | CAN       | 11/19/2016 | 2:31.71  |
| 30.37    | 12/17/2016 | USA | DAVID GUTHRIE    | 50    | M. | BRST | JENNY WHITELEY    | AUS       | 05/11/2013 | 36.29    |
| 1:06.80  | 12/18/2016 | USA | DAVID GUTHRIE    | 100   | M. | BRST | JENNY WHITELEY    | AUS       | 05/11/2013 | 1:18.45  |
| 2:27.00  | 11/08/2015 | USA | DAVID GUTHRIE    | 200   | M. | BRST | JENNY WHITELEY    | AUS       | 05/11/2013 | 2:55.48  |
| 26.45    | 05/18/2013 | CAN | DAN THOMPSON     | 50    | M. | FLY  | LESLIE LIVINGSTON | USA       | 03/05/2016 | 29.39    |
| 59.80    | 04/01/2013 | CAN | DAN THOMPSON     | 100   | M. | FLY  | LAURA VAL         | USA       | 12/06/2009 | 1:09.23  |
| 2:15.97  | 01/26/2013 | NED | HUGO BREGMAN     | 200   | M. | FLY  | LAURA VAL         | USA       | 09/14/2008 | 2:31.13  |
| 1:01.76  | 10/10/2015 | USA | STEVE WOOD       | 100   | M. | I.M. | JENNY WHITELEY    | AUS       | 06/23/2013 | 1:10.66  |
| 2:16.44  | 11/22/2009 | USA | MICHAEL MANN     | 200   | M. | I.M. | LYNN MARSHALL     | CAN       | 01/23/2016 | 2:34.01  |
| 4:51.97  | 11/21/2009 | USA | MICHAEL MANN     | 400   | M. | I.M. | LYNN MARSHALL     | CAN       | 04/01/2016 | 5:23.08  |
| *****    |            | MEN | *****            | 60-64 |    |      | *****             | W O M E N | *****      |          |
| 24.90    | 12/03/2006 | USA | RICH ABRAHAMS    | 50    | M. | FREE | LAURA VAL         | USA       | 12/07/2013 | 29.23    |
| 55.87    | 05/17/2014 | USA | JACK GROSELLE    | 100   | M. | FREE | LAURA VAL         | USA       | 12/05/2014 | 1:03.48  |
| 2:01.65  | 11/21/2015 | USA | RICK COLELLA     | 200   | M. | FREE | LAURA VAL         | USA       | 12/04/2011 | 2:20.16  |
| 4:34.24  | 12/11/2016 | USA | JAMES RITTER     | 400   | M. | FREE | LAURA VAL         | USA       | 08/24/2013 | 4:53.24  |
| 9:28.32  | 12/02/2012 | USA | JIM MCCONICA     | 800   | M. | FREE | LAURA VAL         | USA       | 01/15/2011 | 10:21.68 |



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|   |            |     |                   |      |    |      |                  |     |            |          |
|---|------------|-----|-------------------|------|----|------|------------------|-----|------------|----------|
| 18:24.21                                | 12/03/2010 | USA | JIM MCCONICA      | 1500 | M. | FREE | LAURA VAL        | USA | 01/15/2011 | 19:38.63 |
| 29.64                                   | 03/29/2014 | USA | PHILIPP DJANG     | 50   | M. | BACK | LAURA VAL        | USA | 12/08/2013 | 33.01    |
| 1:04.13                                 | 11/13/2016 | USA | TOM BARTON        | 100  | M. | BACK | LAURA VAL        | USA | 12/07/2013 | 1:12.72  |
| 2:20.38                                 | 11/12/2016 | USA | TOM BARTON        | 200  | M. | BACK | LAURA VAL        | USA | 11/21/2015 | 2:40.04  |
| 31.51                                   | 11/21/2015 | USA | RICK COLELLA      | 50   | M. | BRST | DAGMAR FRESE     | GER | 01/10/2016 | 38.38    |
| 1:09.92                                 | 11/21/2015 | USA | RICK COLELLA      | 100  | M. | BRST | COLETTE CRABBE   | USA | 12/03/2016 | 1:24.39  |
| 2:37.61                                 | 11/13/2011 | USA | RICK COLELLA      | 200  | M. | BRST | LO D KNAPP       | USA | 12/04/2016 | 3:04.70  |
| 26.96                                   | 05/20/2016 | CAN | DAN THOMPSON      | 50   | M. | FLY  | LAURA VAL        | USA | 10/06/2013 | 32.42    |
| 1:00.20                                 | 05/23/2016 | CAN | DAN THOMPSON      | 100  | M. | FLY  | LAURA VAL        | USA | 12/08/2013 | 1:11.47  |
| 2:23.29                                 | 11/22/2015 | USA | RICK COLELLA      | 200  | M. | FLY  | LAURA VAL        | USA | 12/03/2011 | 2:41.25  |
| 1:04.23                                 | 03/21/2015 | USA | RICK COLELLA      | 100  | M. | I.M. | LAURA VAL        | USA | 10/06/2013 | 1:15.07  |
| 2:19.96                                 | 03/21/2015 | USA | RICK COLELLA      | 200  | M. | I.M. | LAURA VAL        | USA | 12/06/2013 | 2:41.53  |
| 5:04.54                                 | 11/13/2011 | USA | RICK COLELLA      | 400  | M. | I.M. | LAURA VAL        | USA | 09/25/2011 | 5:51.81  |
| ***** MEN ***** 65-69 ***** WOMEN ***** |            |     |                   |      |    |      |                  |     |            |          |
| 25.62                                   | 10/14/2012 | USA | RICHARD ABRAHAMS  | 50   | M. | FREE | LAURA VAL        | USA | 11/19/2016 | 29.30    |
| 58.19                                   | 11/20/2016 | USA | RICK COLELLA      | 100  | M. | FREE | LAURA VAL        | USA | 12/02/2016 | 1:05.27  |
| 2:07.56                                 | 11/19/2016 | USA | RICK COLELLA      | 200  | M. | FREE | LAURA VAL        | USA | 01/30/2016 | 2:25.41  |
| 4:45.88                                 | 04/03/2015 | USA | JIM MCCONICA      | 400  | M. | FREE | LAURA VAL        | USA | 01/30/2016 | 5:06.74  |
| 9:53.06                                 | 04/04/2015 | USA | JIM MCCONICA      | 800  | M. | FREE | LAURA VAL        | USA | 01/30/2016 | 10:34.67 |
| 18:53.75                                | 04/02/2015 | USA | JIM MCCONICA      | 1500 | M. | FREE | LAURA VAL        | USA | 01/30/2016 | 20:21.61 |
| 30.34                                   | 12/02/2012 | USA | HUGH WILDER       | 50   | M. | BACK | LAURA VAL        | USA | 10/02/2016 | 34.12    |
| 1:07.69                                 | 12/01/2012 | USA | HUGH WILDER       | 100  | M. | BACK | LAURA VAL        | USA | 11/19/2016 | 1:14.99  |
| 2:34.93                                 | 10/12/2014 | USA | ALEK SHESTAKOV    | 200  | M. | BACK | LAURA VAL        | USA | 12/02/2016 | 2:43.74  |
| 32.50                                   | 11/20/2016 | USA | RICK COLELLA      | 50   | M. | BRST | NOBUKO YASUDA    | JPN | 05/09/2010 | 40.90    |
| 1:13.16                                 | 11/19/2016 | USA | RICK COLELLA      | 100  | M. | BRST | NOBUKO YASUDA    | JPN | 01/24/2010 | 1:28.73  |
| 2:49.05                                 | 12/02/2012 | USA | ROBERT STRAND     | 200  | M. | BRST | JANETTE JEFFREY  | AUS | 07/18/2015 | 3:10.75  |
| 28.91                                   | 05/30/2009 | ESP | JOSEP CLARET      | 50   | M. | FLY  | LAURA VAL        | USA | 10/02/2016 | 33.53    |
| 1:05.37                                 | 07/22/2016 | USA | LAWRENCE DAY      | 100  | M. | FLY  | LAURA VAL        | USA | 11/20/2016 | 1:15.40  |
| 2:27.35                                 | 07/23/2016 | USA | LAWRENCE DAY      | 200  | M. | FLY  | LAURA VAL        | USA | 09/18/2016 | 2:45.20  |
| 1:05.43                                 | 11/19/2016 | USA | RICK COLELLA      | 100  | M. | I.M. | LAURA VAL        | USA | 11/19/2016 | 1:16.67  |
| 2:22.60                                 | 11/20/2016 | USA | RICK COLELLA      | 200  | M. | I.M. | LAURA VAL        | USA | 09/18/2016 | 2:48.15  |
| 5:34.78                                 | 05/19/2014 | USA | HUBIE KERNS       | 400  | M. | I.M. | LAURA VAL        | USA | 09/18/2016 | 5:55.00  |
| ***** MEN ***** 70-74 ***** WOMEN ***** |            |     |                   |      |    |      |                  |     |            |          |
| 26.88                                   | 10/10/2015 | USA | RICHARD ABRAHAMS  | 50   | M. | FREE | DIANN UUSTAL     | USA | 12/10/2016 | 32.38    |
| 1:01.70                                 | 05/17/2015 | USA | RICHARD ABRAHAMS  | 100  | M. | FREE | DIANN UUSTAL     | USA | 05/22/2016 | 1:12.58  |
| 2:22.60                                 | 10/12/2014 | USA | DAVID QUIGGIN     | 200  | M. | FREE | DIANN UUSTAL     | USA | 11/20/2016 | 2:43.60  |
| 5:05.47                                 | 12/14/2014 | USA | DAVID QUIGGIN     | 400  | M. | FREE | YOSHIKO OSAKI    | JPN | 11/15/2008 | 5:50.41  |
| 10:52.68                                | 10/12/2001 | USA | GRAHAM JOHNSTON   | 800  | M. | FREE | CAROLYN BOAK     | USA | 11/13/2016 | 12:11.34 |
| 20:54.56                                | 10/06/2001 | USA | GRAHAM JOHNSTON   | 1500 | M. | FREE | JANE ASHER       | GBR | 11/28/2004 | 23:54.74 |
| 33.51                                   | 12/08/2013 | USA | RICHARD BURNS     | 50   | M. | BACK | MARGIT OHLSSON   | SWE | 03/21/2015 | 37.50    |
| 1:12.09                                 | 12/07/2013 | USA | RICHARD BURNS     | 100  | M. | BACK | MARGIT OHLSSON   | SWE | 03/22/2015 | 1:22.15  |
| 2:38.01                                 | 12/06/2013 | USA | RICHARD BURNS     | 200  | M. | BACK | CLARY MUNNS      | AUS | 10/17/2015 | 3:05.23  |
| 35.53                                   | 04/10/2016 | GER | DIETER HOFEL      | 50   | M. | BRST | SHOKO YONEZAWA   | JPN | 02/27/2005 | 42.80    |
| 1:19.04                                 | 05/21/2016 | USA | DOUGLAS SPRINGER  | 100  | M. | BRST | NOBUKO YASUDA    | JPN | 04/12/2015 | 1:33.92  |
| 2:55.87                                 | 03/05/2016 | USA | ROBERT STRAND     | 200  | M. | BRST | JOANN LEILICH    | USA | 03/21/2009 | 3:25.76  |
| 29.52                                   | 10/11/2015 | USA | RICHARD ABRAHAMS  | 50   | M. | FLY  | DIANN UUSTAL     | USA | 03/05/2016 | 35.12    |
| 1:07.56                                 | 10/11/2015 | USA | RICHARD ABRAHAMS  | 100  | M. | FLY  | JUDY WILSON      | FRA | 01/30/2016 | 1:24.03  |
| 2:51.32                                 | 11/07/2009 | NZL | BARRY YOUNG       | 200  | M. | FLY  | CLARY MUNNS      | AUS | 05/21/2016 | 3:26.57  |
| 1:13.09                                 | 10/10/2015 | USA | RICHARD ABRAHAMS  | 100  | M. | I.M. | DIANN UUSTAL     | USA | 12/10/2016 | 1:23.23  |
| 2:42.44                                 | 05/16/2009 | NZL | BARRY YOUNG       | 200  | M. | I.M. | CLARY MUNNS      | AUS | 10/24/2015 | 3:09.87  |
| 5:57.68                                 | 03/24/2016 | FRA | J.LESTIDEAU       | 400  | M. | I.M. | BRIGITTE MERTEN  | GER | 01/16/2016 | 6:47.91  |
| ***** MEN ***** 75-79 ***** WOMEN ***** |            |     |                   |      |    |      |                  |     |            |          |
| 29.90                                   | 12/03/2016 | USA | MIKE FRESHLEY     | 50   | M. | FREE | CHRISTEL SCHULZ  | GER | 06/20/2015 | 34.58    |
| 1:05.13                                 | 04/19/2009 | USA | DAVID RADCLIFF    | 100  | M. | FREE | JANE ASHER       | GBR | 03/25/2006 | 1:18.59  |
| 2:27.53                                 | 04/18/2009 | USA | DAVID RADCLIFF    | 200  | M. | FREE | YOSHIKO OSAKI    | JPN | 01/26/2013 | 2:51.65  |
| 5:15.10                                 | 04/18/2009 | USA | DAVID RADCLIFF    | 400  | M. | FREE | YOSHIKO OSAKI    | JPN | 04/19/2015 | 6:08.74  |
| 10:59.10                                | 04/17/2009 | USA | DAVID RADCLIFF    | 800  | M. | FREE | YOSHIKO OSAKI    | JPN | 05/12/2013 | 12:25.61 |
| 20:39.50                                | 04/17/2009 | USA | DAVID RADCLIFF    | 1500 | M. | FREE | JANE ASHER       | GBR | 11/26/2006 | 24:04.75 |
| 35.51                                   | 11/16/2008 | USA | YOSHI OYAKAWA     | 50   | M. | BACK | YOSHIKO OSAKI    | JPN | 06/08/2014 | 43.46    |
| 1:18.47                                 | 12/06/2009 | USA | BURWELL JONES     | 100  | M. | BACK | CHRISTEL SCHULZ  | GER | 06/20/2015 | 1:33.68  |
| 2:49.20                                 | 11/22/2009 | USA | BURWELL JONES     | 200  | M. | BACK | CHRISTEL SCHULZ  | GER | 02/07/2015 | 3:22.68  |
| 38.35                                   | 07/24/2016 | USA | MIKE FRESHLEY     | 50   | M. | BRST | SHOKO YONEZAWA   | JPN | 02/14/2010 | 43.79    |
| 1:25.38                                 | 07/22/2016 | USA | MIKE FRESHLEY     | 100  | M. | BRST | SHOKO YONEZAWA   | JPN | 03/21/2010 | 1:36.48  |
| 3:06.82                                 | 07/23/2016 | USA | MIKE FRESHLEY     | 200  | M. | BRST | SHOKO YONEZAWA   | JPN | 04/17/2010 | 3:33.03  |
| 32.93                                   | 03/11/2012 | JPN | HIROSHI MATSUMOTO | 50   | M. | FLY  | JANE ASHER       | GBR | 03/24/2006 | 40.71    |
| 1:21.12                                 | 04/06/2014 | JPN | TAISUKE MIYAZAKI  | 100  | M. | FLY  | JUDIE OLIVER     | CAN | 05/19/2007 | 1:44.35  |
| 3:16.99                                 | 01/24/2009 | JPN | TAKASHI HAYASHI   | 200  | M. | FLY  | SYLVIA NEUHAUSER | AUT | 05/21/2005 | 3:57.33  |
| 1:17.58                                 | 07/23/2016 | USA | MIKE FRESHLEY     | 100  | M. | I.M. | YOSHIKO OSAKI    | JPN | 05/26/2013 | 1:31.38  |
| 2:55.45                                 | 07/24/2016 | USA | MIKE FRESHLEY     | 200  | M. | I.M. | YOSHIKO OSAKI    | JPN | 05/26/2013 | 3:22.23  |
| 6:29.29                                 | 07/22/2016 | USA | MIKE FRESHLEY     | 400  | M. | I.M. | YOSHIKO OSAKI    | JPN | 05/11/2013 | 7:11.33  |



**FINA WORLD MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2016**

| ***** MEN *****   |            |     |                               | ***** WOMEN ***** |     |            |          |
|-------------------|------------|-----|-------------------------------|-------------------|-----|------------|----------|
| ***** 80-84 ***** |            |     |                               | ***** 80-84 ***** |     |            |          |
| 31.74             | 05/03/2016 | JPN | HIROSHI MATSUMOTO 50 M. FREE  | JANE ASHER        | GBR | 06/25/2011 | 37.67    |
| 1:11.26           | 09/27/2014 | USA | DAVID RADCLIFF 100 M. FREE    | JANE ASHER        | GBR | 06/25/2011 | 1:24.44  |
| 2:38.25           | 09/28/2014 | USA | DAVID RADCLIFF 200 M. FREE    | JANE ASHER        | GBR | 06/25/2011 | 3:01.61  |
| 5:39.27           | 03/09/2014 | USA | DAVID RADCLIFF 400 M. FREE    | JANE ASHER        | GBR | 04/08/2011 | 6:34.92  |
| 11:35.71          | 11/15/2014 | USA | DAVID RADCLIFF 800 M. FREE    | JANE ASHER        | GBR | 06/11/2011 | 12:49.43 |
| 21:59.53          | 09/26/2014 | USA | DAVID RADCLIFF 1500 M. FREE   | JANE ASHER        | GBR | 06/11/2011 | 25:45.37 |
| 37.82             | 11/15/2014 | USA | YOSHI OYAKAWA 50 M. BACK      | JANE ASHER        | GBR | 05/21/2011 | 46.10    |
| 1:25.07           | 04/27/2013 | JPN | S.SEKIKAWA 100 M. BACK        | JANE ASHER        | GBR | 04/10/2011 | 1:44.88  |
| 3:10.06           | 05/25/2003 | JPN | KEIJIRO NAKAMURA 200 M. BACK  | JANE ASHER        | GBR | 07/17/2011 | 3:42.88  |
| 41.42             | 05/15/2005 | JPN | TOSHIO TAJIMA 50 M. BRST      | SHOKO YONEZAWA    | JPN | 03/08/2015 | 46.48    |
| 1:35.96           | 09/14/2008 | JPN | ZENJI NAKAHARI 100 M. BRST    | SHOKO YONEZAWA    | JPN | 10/18/2015 | 1:45.52  |
| 3:34.21           | 01/27/2008 | JPN | ZENJI NAKAHARI 200 M. BRST    | SHOKO YONEZAWA    | JPN | 02/06/2016 | 3:54.35  |
| 35.06             | 11/19/2016 | JPN | HIROSHI MATSUMOTO 50 M. FLY   | JANE ASHER        | GBR | 04/09/2011 | 45.57    |
| 1:30.15           | 12/03/2011 | ITA | GIULIO DIVANO 100 M. FLY      | JUDIE OLIVER      | CAN | 04/01/2012 | 1:50.08  |
| 3:30.11           | 02/27/2011 | ITA | DIVANO GIULIO 200 M. FLY      | JUDIE OLIVER      | CAN | 03/31/2012 | 4:10.18  |
| 1:24.78           | 10/01/2016 | USA | DAVID COSTILL 100 M. I.M.     | SHOKO YONEZAWA    | JPN | 03/08/2015 | 1:41.14  |
| 3:17.29           | 11/12/2016 | USA | DAVID COSTILL 200 M. I.M.     | JANE ASHER        | GBR | 06/11/2011 | 3:43.73  |
| 7:14.71           | 12/17/2016 | USA | DAVID COSTILL 400 M. I.M.     | JUDIE OLIVER      | CAN | 03/30/2012 | 8:04.67  |
| ***** MEN *****   |            |     |                               | ***** WOMEN ***** |     |            |          |
| ***** 85-89 ***** |            |     |                               | ***** 85-89 ***** |     |            |          |
| 32.23             | 01/29/2016 | ESP | ROBERTO ALBERICHE 50 M. FREE  | JANE ASHER        | GBR | 04/17/2016 | 38.75    |
| 1:14.68           | 01/31/2016 | ESP | ROBERTO ALBERICHE 100 M. FREE | JANE ASHER        | GBR | 06/25/2016 | 1:28.60  |
| 2:55.35           | 01/30/2016 | ESP | ROBERTO ALBERICHE 200 M. FREE | JANE ASHER        | GBR | 06/25/2016 | 3:12.66  |
| 6:53.90           | 03/19/2016 | USA | WALLIE JEFFRIES 400 M. FREE   | JANE ASHER        | GBR | 04/15/2016 | 6:57.06  |
| 14:04.48          | 05/18/2008 | USA | WILLARD LAMB 800 M. FREE      | JANE ASHER        | GBR | 09/16/2016 | 14:24.83 |
| 27:28.24          | 04/24/2016 | JPN | KATSURA SUZUKI 1500 M. FREE   | JANE ASHER        | GBR | 11/27/2016 | 28:02.25 |
| 40.59             | 04/19/2009 | JPN | KEIJIRO NAKAMURA 50 M. BACK   | JANE ASHER        | GBR | 06/25/2016 | 49.07    |
| 1:28.98           | 05/18/2008 | JPN | KEIJIRO NAKAMURA 100 M. BACK  | JANE ASHER        | GBR | 06/25/2016 | 1:50.18  |
| 3:18.29           | 04/20/2008 | JPN | KEIJIRO NAKAMURA 200 M. BACK  | JANE ASHER        | GBR | 07/10/2016 | 3:57.91  |
| 44.47             | 06/13/2010 | JPN | TOSHIO TAJIMA 50 M. BRST      | A.VAN OBBERGHEN   | BEL | 01/23/2016 | 52.17    |
| 1:43.72           | 01/24/2010 | GER | KARL HAUTER 100 M. BRST       | A.VAN OBBERGHEN   | BEL | 01/22/2016 | 1:56.68  |
| 4:05.91           | 12/05/2010 | USA | FRANK PIEMME 200 M. BRST      | A.VAN OBBERGHEN   | BEL | 03/19/2016 | 4:17.34  |
| 41.08             | 01/28/2016 | ESP | ROBERTO ALBERICHE 50 M. FLY   | JANE ASHER        | GBR | 09/17/2016 | 52.64    |
| 1:53.70           | 10/30/2010 | USA | THOMAS MAINE 100 M. FLY       | LOIS KIVI NOCHMAN | USA | 05/15/2009 | 2:21.77  |
| 3:44.92           | 10/31/2010 | USA | THOMAS MAINE 200 M. FLY       | LOIS KIVI NOCHMAN | USA | 02/08/2009 | 4:59.50  |
| 1:34.85           | 03/05/2016 | ESP | ROBERTO ALBERICHE 100 M. I.M. | JANE ASHER        | GBR | 08/20/2016 | 1:47.02  |
| 3:50.46           | 11/07/2010 | USA | FRANK PIEMME 200 M. I.M.      | JANE ASHER        | GBR | 10/01/2016 | 4:02.82  |
| 8:12.94           | 10/30/2010 | USA | THOMAS MAINE 400 M. I.M.      | JEAN TROY         | USA | 10/12/2012 | 10:13.73 |
| ***** MEN *****   |            |     |                               | ***** WOMEN ***** |     |            |          |
| ***** 90-94 ***** |            |     |                               | ***** 90-94 ***** |     |            |          |
| 40.93             | 02/07/2016 | JPN | TOSHIMI INATOMI 50 M. FREE    | OLGA KOKORINA     | RUS | 11/02/2013 | 50.72    |
| 1:35.17           | 10/11/2015 | GER | KARL HAUTER 100 M. FREE       | OLGA KOKORINA     | RUS | 03/09/2013 | 1:58.28  |
| 3:27.14           | 11/25/2016 | GER | KARL HAUTER 200 M. FREE       | RITA SIMONTON     | USA | 11/08/2008 | 4:24.90  |
| 7:44.83           | 09/28/2014 | USA | WILLARD LAMB 400 M. FREE      | RITA SIMONTON     | USA | 11/08/2008 | 9:01.89  |
| 16:04.18          | 09/27/2014 | USA | WILLARD LAMB 800 M. FREE      | MAURINE KORNFELD  | USA | 12/04/2011 | 18:38.69 |
| 30:41.82          | 09/26/2014 | USA | WILLARD LAMB 1500 M. FREE     | RITA SIMONTON     | USA | 10/05/2008 | 35:40.38 |
| 52.49             | 05/25/2008 | JPN | GORO KOBAYASHI 50 M. BACK     | WILLY VAN RYSEL   | GBR | 10/29/2006 | 1:05.70  |
| 1:47.66           | 05/14/2006 | JPN | GORO KOBAYASHI 100 M. BACK    | PERSIS RAE        | AUS | 04/07/2010 | 2:24.46  |
| 3:59.25           | 05/27/2007 | JPN | GORO KOBAYASHI 200 M. BACK    | PERSIS RAE        | AUS | 04/07/2010 | 4:57.77  |
| 49.58             | 06/07/2015 | JPN | TOSHIO TAJIMA 50 M. BRST      | OLGA KOKORINA     | RUS | 03/09/2013 | 1:02.33  |
| 1:56.64           | 11/07/2015 | GER | KARL HAUTER 100 M. BRST       | OLGA KOKORINA     | RUS | 11/02/2013 | 2:25.58  |
| 4:21.52           | 11/12/2016 | GER | KARL HAUTER 200 M. BRST       | OLGA KOKORINA     | RUS | 03/07/2013 | 5:15.24  |
| 54.38             | 05/24/2015 | JPN | TOSHIO TAJIMA 50 M. FLY       | CHARLOTTE SANDDAL | USA | 10/11/2012 | 1:21.95  |
| 2:21.82           | 10/19/2003 | USA | WALTER PFEIFFER 100 M. FLY    | DOROTHY WESTON    | GBR | 04/06/2003 | 3:21.00  |
| 5:24.08           | 10/11/2015 | USA | THOMAS MAINE 200 M. FLY       | NORA RONAI        | BRA | 09/20/2014 | 9:17.02  |
| 1:53.75           | 11/28/2015 | GER | KARL HAUTER 100 M. I.M.       | OLGA KOKORINA     | RUS | 03/08/2013 | 2:22.96  |
| 4:17.75           | 11/25/2016 | GER | KARL HAUTER 200 M. I.M.       | RITA SIMONTON     | USA | 10/18/2008 | 5:58.46  |
| 9:39.56           | 11/15/2015 | USA | THOMAS MAINE 400 M. I.M.      | NORA RONAI        | BRA | 11/20/2014 | 13:55.37 |
| ***** MEN *****   |            |     |                               | ***** WOMEN ***** |     |            |          |
| ***** 95-99 ***** |            |     |                               | ***** 95-99 ***** |     |            |          |
| 47.16             | 03/17/2013 | AUS | GEORGE CORONES 50 M. FREE     | MAURINE KORNFELD  | USA | 12/03/2016 | 1:04.68  |
| 1:54.60           | 03/16/2013 | AUS | GEORGE CORONES 100 M. FREE    | MAURINE KORNFELD  | USA | 11/06/2016 | 2:29.17  |
| 5:13.46           | 10/11/1998 | USA | GUS LANGNER 200 M. FREE       | MAURINE KORNFELD  | USA | 11/20/2016 | 5:06.73  |
| 10:51.93          | 10/11/1998 | USA | GUS LANGNER 400 M. FREE       | MAURINE KORNFELD  | USA | 12/03/2016 | 10:08.44 |
| 22:05.55          | 10/11/1998 | USA | GUS LANGNER 800 M. FREE       | MAURINE KORNFELD  | USA | 11/06/2016 | 20:57.02 |
| 41:29.87          | 10/11/1998 | USA | GUS LANGNER 1500 M. FREE      | RITA SIMONTON     | USA | 10/06/2013 | 42:34.14 |
| 1:01.25           | 01/14/2007 | JPN | KAZUNAGA AKUTSU 50 M. BACK    | MIEKO NAGAOKA     | JPN | 02/14/2010 | 1:20.28  |
| 2:21.73           | 04/11/2010 | JPN | TOSHIJI SATO 100 M. BACK      | MAURINE KORNFELD  | USA | 12/03/2016 | 2:42.88  |
| 6:13.15           | 04/25/2015 | CAN | FRED SCHULHOF 200 M. BACK     | MAURINE KORNFELD  | USA | 11/20/2016 | 5:58.95  |
| 1:07.12           | 01/24/2010 | JPN | HIROMU YOSHIMOTO 50 M. BRST   | LAURA DE OLIVEIRA | BRA | 07/19/2014 | 1:50.07  |
| 2:31.77           | 01/24/2010 | JPN | HIROMU YOSHIMOTO 100 M. BRST  |                   |     |            |          |
| 5:45.70           | 05/08/2010 | JPN | HIROMU YOSHIMOTO 200 M. BRST  |                   |     |            |          |



**FINA WORLD MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2016**

|          |                      |              |                     |         |    |      |                  |                      |                |                     |         |  |
|----------|----------------------|--------------|---------------------|---------|----|------|------------------|----------------------|----------------|---------------------|---------|--|
| 2:42.40  | 10/05/2008           | USA          | WALTER PFEIFFER     | 50      | M. | FLY  |                  |                      |                |                     |         |  |
| 6:04.41  | 10/05/2008           | USA          | WALTER PFEIFFER     | 100     | M. | FLY  |                  |                      |                |                     |         |  |
|          |                      |              |                     | 200     | M. | FLY  |                  |                      |                |                     |         |  |
| 3:33.98  | 10/11/1998           | USA          | GUS LANGNER         | 100     | M. | I.M. | MAURINE KORNFELD | USA                  | 09/25/2016     | 3:32.13             |         |  |
| 9:50.55  | 10/05/2008           | USA          | WALTER PFEIFFER     | 200     | M. | I.M. |                  |                      |                |                     |         |  |
| 21:03.17 | 10/05/2008           | USA          | WALTER PFEIFFER     | 400     | M. | I.M. |                  |                      |                |                     |         |  |
| *****    |                      | MEN          | *****               | 100-104 |    |      | *****            | W O M E N            | *****          |                     |         |  |
| 1:16.92  | 04/18/2009           | CAN          | JARING TIMMERMAN    | 50      | M. | FREE | MIEKO NAGAOKA    | JPN                  | 01/26/2014     | 1:34.12             |         |  |
| 3:02.22  | 05/17/2009           | CAN          | JARING TIMMERMAN    | 100     | M. | FREE | MIEKO NAGAOKA    | JPN                  | 01/26/2014     | 3:30.49             |         |  |
|          |                      |              |                     | 200     | M. | FREE | MIEKO NAGAOKA    | JPN                  | 01/25/2014     | 7:27.89             |         |  |
|          |                      |              |                     | 400     | M. | FREE | MIEKO NAGAOKA    | JPN                  | 04/06/2014     | 16:40.10            |         |  |
|          |                      |              |                     | 800     | M. | FREE | MIEKO NAGAOKA    | JPN                  | 05/11/2014     | 36:51.23            |         |  |
|          |                      |              |                     | 1500    | M. | FREE | MIEKO NAGAOKA    | JPN                  | 04/04/2015     | 11:55.439           |         |  |
| 1:26.68  | 03/29/2014           | FRA          | JEAN LEEMPUT        | 50      | M. | BACK | MIEKO NAGAOKA    | JPN                  | 02/16/2014     | 1:38.71             |         |  |
| 3:26.09  | 03/28/2014           | FRA          | JEAN LEEMPUT        | 100     | M. | BACK | MIEKO NAGAOKA    | JPN                  | 02/16/2014     | 3:42.81             |         |  |
|          |                      |              |                     | 200     | M. | BACK | MIEKO NAGAOKA    | JPN                  | 02/15/2014     | 7:40.01             |         |  |
|          |                      |              |                     | 50      | M. | BRST |                  |                      |                |                     |         |  |
|          |                      |              |                     | 100     | M. | BRST |                  |                      |                |                     |         |  |
|          |                      |              |                     | 200     | M. | BRST |                  |                      |                |                     |         |  |
|          |                      |              |                     | 50      | M. | FLY  |                  |                      |                |                     |         |  |
|          |                      |              |                     | 100     | M. | FLY  |                  |                      |                |                     |         |  |
|          |                      |              |                     | 200     | M. | FLY  |                  |                      |                |                     |         |  |
|          |                      |              |                     | 100     | M. | I.M. |                  |                      |                |                     |         |  |
|          |                      |              |                     | 200     | M. | I.M. |                  |                      |                |                     |         |  |
|          |                      |              |                     | 400     | M. | I.M. |                  |                      |                |                     |         |  |
| *****    |                      | MEN          | *****               | 105-109 |    |      | *****            | W O M E N            | *****          |                     |         |  |
| 2:52.48  | 01/24/2014           | CAN          | JARING TIMMERMAN    | 50      | M. | FREE |                  |                      |                |                     |         |  |
|          |                      |              |                     | 100     | M. | FREE |                  |                      |                |                     |         |  |
|          |                      |              |                     | 200     | M. | FREE |                  |                      |                |                     |         |  |
|          |                      |              |                     | 400     | M. | FREE |                  |                      |                |                     |         |  |
|          |                      |              |                     | 800     | M. | FREE |                  |                      |                |                     |         |  |
|          |                      |              |                     | 1500    | M. | FREE |                  |                      |                |                     |         |  |
| 3:09.55  | 01/24/2014           | CAN          | JARING TIMMERMAN    | 50      | M. | BACK |                  |                      |                |                     |         |  |
|          |                      |              |                     | 100     | M. | BACK |                  |                      |                |                     |         |  |
|          |                      |              |                     | 200     | M. | BACK |                  |                      |                |                     |         |  |
|          |                      |              |                     | 50      | M. | BRST |                  |                      |                |                     |         |  |
|          |                      |              |                     | 100     | M. | BRST |                  |                      |                |                     |         |  |
|          |                      |              |                     | 200     | M. | BRST |                  |                      |                |                     |         |  |
|          |                      |              |                     | 50      | M. | FLY  |                  |                      |                |                     |         |  |
|          |                      |              |                     | 100     | M. | FLY  |                  |                      |                |                     |         |  |
|          |                      |              |                     | 200     | M. | FLY  |                  |                      |                |                     |         |  |
|          |                      |              |                     | 100     | M. | I.M. |                  |                      |                |                     |         |  |
|          |                      |              |                     | 200     | M. | I.M. |                  |                      |                |                     |         |  |
|          |                      |              |                     | 400     | M. | I.M. |                  |                      |                |                     |         |  |
| *****    |                      | RELAY 200 M. | FREE - WOMEN        | *****   |    |      | *****            | RELAY 200 M.         | MEDLEY - WOMEN | *****               |         |  |
| 100-119  | MICHIGAN             | USA          | 03/31/1996          | 1:45.93 |    |      | 100-119          | NEVA STARS           | RUS            | 11/27/2015          | 1:58.90 |  |
|          | DYNE BURRELL         |              | SUSIE DEVLIN        |         |    |      |                  | EVGENIYA KARETINA    |                | ANNA POLIAKOVA      |         |  |
|          | MARY MUETING         |              | SHEILA TAORMINA     |         |    |      |                  | ANNA KUZMICHEVA      |                | EKATERINA SHERSHEN  |         |  |
| 120-159  | TSUNAMI              | RUS          | 11/30/2014          | 1:44.88 |    |      | 120-159          | TSUNAMI              | RUS            | 11/28/2014          | 1:56.67 |  |
|          | IRINA SHLEMOVA       |              | LYUBOV YUDINA       |         |    |      |                  | SVETLANA KARPEEVA    |                | SVETLANA KNIAGININA |         |  |
|          | EKATERINA YUDINA     |              | SVETLANA KNIAGININA |         |    |      |                  | IRINA SHLEMOVA       |                | LYUBOV YUDINA       |         |  |
| 160-199  | NORTH CAROLINA MASTE | USA          | 11/10/2013          | 1:48.08 |    |      | 160-199          | HELSINGBERGS SIMSALL | SWE            | 05/08/2016          | 2:00.84 |  |
|          | SUE WALSH            |              | JEN STRINGER        |         |    |      |                  | NINA WAHLBERG        |                | LOUISE KARLSSON     |         |  |
|          | ALICIA UHL           |              | ERIKA BRAUN         |         |    |      |                  | JOHANNA SJOBERG      |                | HELENA ABERG        |         |  |
| 200-239  | NORTH TEXAS MASTERS  | USA          | 11/07/2015          | 1:55.60 |    |      | 200-239          | VICTORIA MASTERS     | CAN            | 04/15/2015          | 2:12.00 |  |
|          | MAUREEN REA          |              | STEPHANIE STONE     |         |    |      |                  | CINDY MABEE          |                | BRENDA NIELSON      |         |  |
|          | LYNN MORRISON        |              | KRISTIN HENDERSON   |         |    |      |                  | SARAH MACDONALD      |                | ANN MCGRATH         |         |  |
| 240-279  | UCLA                 | USA          | 03/05/2016          | 2:02.15 |    |      | 240-279          | NORTH TEXAS LONESTAR | USA            | 11/14/2015          | 2:19.60 |  |
|          | JACKI HIRSTY         |              | CHRISTIE CIRAULO    |         |    |      |                  | MONICA BAILEY        |                | KRISSY MACCUDY      |         |  |
|          | JENNY COOK           |              | VERONICA HIBBEN     |         |    |      |                  | LYNN MORRISON        |                | CHRISTINA MCKELVEY  |         |  |
| 280-319  | ST KANSAI            | JPN          | 10/18/2009          | 2:25.91 |    |      | 280-319          | OREGON MASTERS       | USA            | 11/19/2016          | 2:46.92 |  |
|          | FUSAKO HIROKA        |              | KEIKO OTSUBO        |         |    |      |                  | JOY WARD             |                | JANET GETTING       |         |  |
|          | KASUMI ISHIKAWA      |              | YOSHIKO OSAKI       |         |    |      |                  | SANDI ROUSSEAU       |                | REBECCA KAY         |         |  |
| 320-359  | BIG YOKOHAMA         | JPN          | 02/16/2013          | 2:55.60 |    |      | 320-359          | BIG YOKOHAMA         | JPN            | 02/16/2013          | 3:28.88 |  |
|          | SHOKO YONEZAWA       |              | SONOE WATANABE      |         |    |      |                  | SHOKO YONEZAWA       |                | MASAE KURATA        |         |  |
|          | MIEKO KAMOSHITA      |              | MASAE KURATA        |         |    |      |                  | SONOE WATANABE       |                | MIEKO KAMOSHITA     |         |  |
| 360-399  | SAPPORO MST          | JPN          | 06/02/2013          | 4:45.07 |    |      | 360-399          | SAPPORO MST          | JPN            | 05/29/2016          | 5:43.39 |  |
|          | KINKO MATSUMOTO      |              | SETSUKO NARITA      |         |    |      |                  | FUMI MURATA          |                | NAKA FUKUOKA        |         |  |
|          | NAKA FUKUOKA         |              | FUMI MURATA         |         |    |      |                  | HARUKO SASAKI        |                | SETSUKO NARITA      |         |  |



**FINA WORLD MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2016**

\*\*\*\*\* RELAY 400 M. FREE - WOMEN \*\*\*\*\*  
100-119 TRAFFORD METRO GBR 10/28/2012 4:05.61  
LUCY LLOYD-ROACH EMMA ROSS  
LAURA BOWDEN SARAH HEALEY  
120-159 TEDDINGTON MASTERS GBR 10/30/2016 4:00.78  
ZOE LIOKALOS LAURE KEARNS  
HANNAH LOUGHLIN GEORGINA HEYN  
160-199 RED TIDE OF NYC USA 12/13/2009 4:03.25  
FALL WILLEBOORDSE JANE KELSEY  
SUSAN WAGER KRISTIN GARY  
200-239 PUGET SOUND MASTERS USA 11/22/2015 4:21.32  
CHARLOTTE DAVIS ZENA COURTNEY  
LIANNA DOHERTY AMY MOORHEAD  
240-279 UCLA USA 03/06/2016 4:30.74  
JACKI HIRSTY CHRISTIE CIRANLO  
JENNY COOK VERONICA HIBBEN  
280-319 VIRGINIA MASTERS USA 11/02/2013 5:38.90  
JOHNNIE DETRICK LAURA WALKER  
MARCIA BARRY SHIRLEY LOFTUS-CHARLIE  
320-359 BIG YOKOHAMA JPN 04/27/2013 7:05.93  
SHOKO YONEZAWA YUKO SAKAGAMI  
MIEKO KAMOSHITA MASAE KURATA  
360-399

\*\*\*\*\* RELAY 400 M. MEDLEY - WOMEN \*\*\*\*\*  
100-119 RENAISSANCE JPN 09/23/2015 4:14.24  
AYUMI WATANABE YOKO YAMAGUCHI  
MIO HIRANO MAKI MITA  
120-159 RYOGOKU KINGYO JPN 04/04/2015 4:26.65  
MITSUKO AZEYANAGI MITOMI MATSUDA  
MABI TSUKIOKA MACHIKO IWASHITA  
160-199 PSV MASTERS NED 12/03/2016 4:39.06  
GUDULE VAN DER MEER TRUDY KETTING  
LISA DREESENS SASKIA PHAFF  
200-239 NORTH TEXAS MASTERS USA 11/08/2015 4:48.61  
STEPHANIE STONE MAUREEN REA  
LISA MIZE LYNN MORRISON  
240-279 UCLA USA 03/05/2016 5:20.01  
VERONICA HIBBEN JENNY COOK  
CHRISTIE CIRAULO JACKI HIRSTY  
280-319 SPENCER SWIM TEAM GBR 10/26/2013 6:30.14  
ALISON GWYNN MURIEL HITCHCOCK  
DIANE FORD JEAN HOWARD-JONES  
320-359 BIG YOKOHAMA JPN 04/27/2013 8:13.98  
SHOKO YONEZAWA MASAE KURATA  
SONOE WATANABE MIEKO KAMOSHITA  
360-399

\*\*\*\*\* RELAY 800 M. FREE - WOMEN \*\*\*\*\*  
100-119 TRAFFORD METRO GBR 10/26/2012 8:58.62  
LUCY LLOYD-ROACH REBECCA LENNON  
EMMA ROSS LAURA BOWDEN  
120-159 TEDDINGTON MASTERS GBR 10/28/2016 8:52.27  
ZOE LIOKALOS LAURE KEARNS  
HANNAH LOUGHLIN GEORGINA HEYN  
160-199 RED TIDE OF NYC USA 12/13/2009 8:56.55  
JANE KELSEY FALL WILLEBOORDSE  
SUSAN WAGER KRISTIN GARY  
200-239 UCLA BRUIN MASTERS USA 12/06/2013 9:29.43  
RONI HIBBEN CHRISTIE CIRAULO  
LAURIE DODD ERIKA STEBBINS  
240-279 NORTH TEXAS MASTERS USA 11/08/2015 10:25.22  
KRISTIN HENDERSON LYNN MORRISON  
HEIDI ERNST JACKI HIRSTY  
280-319 VIRGINIA MASTERS USA 11/02/2013 12:53.99  
MARCIA BARRY LAURA WALKER  
JOHNNIE DETRICK SHIRLEY LOFTUS-CHARLIE  
320-359 SUNWAY JPN 04/10/2016 16:44.41  
YUKO SAKAGAMI SACHIE MORI  
SIGEKO TANAKA SHOKO YONEZAWA  
360-399

\*\*\*\*\* RELAY 200 M. FREE - M E N \*\*\*\*\*  
100-119 OKUDINHAS BRA 12/12/2009 1:30.73  
RICARDO WASSALL LEANDRO OKUDA  
DANIEL BELINI ALEXANDER REHDER  
120-159 THE STAR JPN 08/14/2016 1:31.65  
TOMOYA FUKUI JUNICHI FUKUI  
KAZUO MATSUNAGA KONOSHIN TOGASHI  
160-199 LAHDEN KALEVA FIN 03/28/2009 1:33.91  
JANNE VIRTANEN TERO MATKANIEMI  
ARI AILIO TOMMY RUNDGREN  
200-239 BLU FROG USA 10/16/2010 1:38.79  
AMBROSE GAINES KEITH SWITZER  
MARC MIDDLETON SCOT WEISS  
240-279 BLU FROG TEAM USA 10/14/2012 1:43.21  
RICHARD ABRAHAMS MARC MIDDLETON  
LUCKY MEISENHEIMER ROSS BOGLKEN  
280-319 GOLD COAST MASTERS USA 10/11/2015 1:54.44  
KEEFE LODWIG JAN SODERSTROM

\*\*\*\*\* RELAY 200 M. MEDLEY - M E N \*\*\*\*\*  
100-119 GOLDEN ROAD AQUATICS USA 12/03/2016 1:39.29  
TONY COX NICHOLAS KORTH  
MARIO MARSHALL LUKE PECHMANN  
120-159 SK NEPTUN SWE 03/22/2015 1:39.28  
DANIEL LONNBERG NIKLAS TOUR  
ALEXANDER NYSTROM PETER STYMNE  
160-199 SIBMASTER RUS 11/18/2016 1:43.04  
SERGEY MAKOV SERGEY GEYBEL  
ALEKSANDR PROKURATOV VITALIY KRASAVIN  
200-239 LONGHORN AQUATICS USA 12/01/2012 1:49.42  
ANDERS RASMUSSEN DAVID GUTHRIE  
JIM SAUER MIKE VAROZZA  
240-279 PUGET SOUND MASTERS USA 11/20/2016 1:57.52  
CARL HAYNIE RICK COLELLA  
DONALD GRAHAM DAVE HANNULA  
280-319 PAINEIRAS DO MORUMBY BRA 03/15/2015 2:12.76  
JOSE ORLANDO LORO ANTONIO CARLOS ORSELLI



**FINA WORLD MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2016**

|   |   |  |   |
|---|---|--|---|
| LEE CHILDS<br>320-359 JUEI CLUB<br>SHOICHI SHIDA<br>KATSUZO SHIRAYAMA | DAVID QUIGGIN<br>JPN 04/27/2003 2:20.85<br>KEIJIRO NAKAMURA<br>ISAMU TAMURA | PAULO MOTTA<br>320-359 GEORGIA MASTERS<br>CLARKE MITCHELL<br>HAL STOLZ | GYORGY PAVETITS<br>USA 01/25/2014 2:48.29<br>ALBERT WOODS<br>DAVID MILLER |
| 360-399 JUEI CLUB<br>ISAMU TAMURA<br>HIDEKAZU TAMURA                  | JPN 02/17/2008 3:19.42<br>HIDEYA FUJII<br>TOKUSHI KOMEDA                    | 360-399 NISHINOMIYA SUMIRE<br>TOSHIO YURI<br>TAKESHI YASUKAWA          | JPN 05/09/2009 4:15.49<br>HIROMU YOSHIMOTO<br>KAZUNAGA AKUTSU             |
| ***** RELAY 400 M. FREE - M E N *****                                 |   |  |   |
| 100-119 FARUM SVOMMEKLUB<br>NIKLAS HEDEGAARD<br>JONAS HANSEN          | DEN 05/22/2016 3:27.03<br>MARTIN WAGNER<br>FREDERIK SIEM PEDERSEN           | 100-119 FORD AQUATICS<br>DARIEN TOWNSEND<br>TYLER DEBERRY              | USA 11/24/2013 3:43.64<br>MARCUS TITUS<br>CARL MILLER                     |
| 120-159 BARDI SWIM AQUASPORT<br>RODRIGO TRIVINO<br>DANYEL MARCHETTI   | BRA 07/19/2014 3:25.46<br>RODRICO BARDI<br>RENE LETTE                       | 120-159 GOLDEN AGE<br>SATORU MITA<br>YASUNORI MATSUMOTO                | JPN 05/10/2014 3:45.25<br>RYO KOBAYASHI<br>HIROKI SAKURAI                 |
| 160-199 LONGHORN AQUATICS<br>ANDERS RASMUSSEN<br>TYLER BLESSING       | USA 12/05/2009 3:32.44<br>TODD BARTEE<br>MIKE VAROZZA                       | 160-199 LONGHORN AQUATICS<br>ANDERS RASMUSSEN<br>TYLER BLESSING        | USA 12/06/2009 3:53.09<br>TODD BARTEE<br>MIKE VAROZZA                     |
| 200-239 BLU FROG TEAM<br>CHARLES LYDECKER<br>KEITH SWITZER            | USA 10/15/2011 3:40.26<br>ROSS BOHLKEN<br>AMBROSE GAINES                    | 200-239 LONGHORN AQUATICS<br>ANDERS RASMUSSEN<br>JIM SAUER             | USA 12/02/2012 3:59.68<br>DAVID GUTHRIE<br>MIKE VAROZZA                   |
| 240-279 BLU FROG TEAM<br>ROSS BOHLKEN<br>LUCKY MEISENHEIMER           | USA 10/14/2012 3:56.97<br>MARC MIDDLETON<br>RICHARD ABRAHAMS                | 240-279 PUGET SOUND MASTERS<br>CARL HAYNIE<br>DONALD GRAHAM            | USA 11/19/2016 4:23.96<br>RICK COLELLA<br>DAVE HANNULA                    |
| 280-319 GOLD COAST MASTERS<br>LEE CHILDS<br>KEEFE LODWIG              | USA 10/11/2015 4:21.85<br>JAN SODERSTROM<br>DAVID QUIGGIN                   | 280-319 BRASIL MASTER<br>JOSE ORLANDO LORO<br>PAULO MOTTA              | BRA 06/04/2016 5:05.89<br>ANTONIO ORSELLI<br>JOSE EUGENIO GUISARD         |
| 320-359 MICHIGAN MASTERS<br>KEITH CROMPTON<br>RAY MARTIN              | USA 03/19/2016 5:48.17<br>JOEL LOCKWOOD<br>ERIK LOKENSGARD                  | 320-359 MICHIGAN<br>RAY MARTIN<br>ERIK LOKENSGARD                      | USA 03/19/2016 6:35.34<br>JOEL LOCKWOOD<br>WALLIE JEFFRIES                |
| 360-399 FLORIDA AQUATIC COMB<br>ROGERS HOLMES<br>EDWIN GRAVES         | USA 10/12/2014 9:52.10<br>JOHN CORSE<br>WILLIAM ADAMS                       | 360-399  |   |
| ***** RELAY 800 M. FREE - M E N *****                                 |   |  |   |
| 100-119 FARUM SVOMMEKLUB<br>NIKLAS HEDEGAARD<br>JONAS HANSEN          | DEN 05/22/2016 7:40.86<br>MARTIN WAGNER<br>FREDERIK SIEM PEDERSEN           |  |   |
| 120-159 ST YOKOHAMA<br>IKUMI HASEGAWA<br>KOTARO HARA                  | JPN 04/24/2016 7:43.54<br>RYOTARO KOJIMA<br>RYOSUKE HISHINUMA               |  |   |
| 160-199 SIGMA SWIM<br>MADS GJERLOV<br>HENRIK PEDERSEN                 | DEN 03/12/2016 7:52.68<br>JACOB LERCHE SKYTTE<br>CLAUS LERCHE IVERSEN       |  |   |
| 200-239 BLU FROG TEAM<br>AMBROSE GAINES<br>TIM BUCKLEY                | USA 10/14/2011 8:03.40<br>CHARLES LYDECKER<br>KEITH SWITZER                 |  |   |
| 240-279 VENTURA COUNTY MASTE<br>JIM MCCONICA<br>MICHAEL BLATT         | USA 12/04/2015 8:50.43<br>GLENN GRUBER<br>MIKE SHAFFER                      |  |   |
| 280-319 GOLD COAST MASTERS<br>DAVID QUIGGIN<br>LEE CHILDS             | USA 10/09/2015 10:07.45<br>CAV CAVANAUGH<br>KEEFE LODWIG                    |  |   |
| 320-359 MICHIGAN MASTERS<br>WALLIE JEFFRIES<br>RAY MARTIN             | USA 03/19/2016 12:15.50<br>JOEL LOCKWOOD<br>ERIK LOKENSGARD                 |  |   |
| 360-399 FLORIDA AQUATIC COMB<br>ROGERS HOLMES<br>EDWIN GRAVES         | USA 10/10/2014 21:24.39<br>WILLIAM ADAMS<br>JOHN CORSE                      |  |   |
| ***** RELAY 200 M. FREE - MIXED *****                                 |   |  |   |
| 100-119 POSEIDON<br>OLGA KLIUCHNIKOVA<br>ANNA MARKOVA                 | RUS 11/29/2014 1:39.37<br>ALEKSEI TESLIK<br>ALEKSEI ZATCEPIN                | 100-119 POSEIDON<br>OLGA KLIUCHNIKOVA<br>ANNA MARKOVA                  | RUS 11/30/2014 1:48.48<br>ANATOLY VYSOTSKIY<br>ALEKSEI ZATCEPIN           |
| 120-159 TSUNAMI<br>VITALY CHERNYI<br>LYUBOV YUDINA                    | RUS 11/29/2014 1:37.54<br>IRINA SHLEMOVA<br>SERGEY MUKHIN                   | 120-159 PHOENIX SWIM CLUB<br>NORIKI INADA<br>ERIN CAMPBELL             | USA 11/23/2013 1:47.51<br>JEFF COMMINGS<br>JAN KONARZEWSKI                |
| 160-199 NEVA STARS<br>PAVEL LEBEDEV<br>OLGA POZNIKOVA                 | RUS 11/28/2015 1:40.86<br>ANNA POLIAKOVA<br>VLADIMIR PREDKIN                | 160-199 SIEMASTER<br>SERGEY MAKOV<br>YULIYA FROLOVA                    | RUS 11/20/2016 1:52.51<br>SERGEY GEYBEL<br>MARINA KUKSINA                 |
| 200-239 EAST LEEDS  | GBR 10/28/2016 1:46.08  | 200-239 BLU FROG TEAM  | USA 10/14/2012 1:57.65  |



## FINA WORLD MASTERS RECORDS - SHORT COURSE METERS AS OF DEC 31, 2016

|  |   |  |   |   |   |
|--|---|--|---|---|---|
| PAUL CLEMENCE<br>DAVID EMERSON<br>240-279 NORTH TEXAS LONESTAR<br>DOUG MARTIN<br>CHRISTINA MCKELVEY<br>280-319 TAMALPAIS AQUATIC MA<br>RICHARD BURNS<br>KENNETH FROST<br>320-359 JUEI CLUB<br>ISAMU TAMURA<br>YURIKO NAGAMATSU<br>360-399 FLORIDA AQUATIC COMB<br>EDWIN GRAVES<br>BETTY LORENZI  | NINA WILLIAMS<br>JULIE HOYLE<br>TOM BARTON<br>LYNN MORRISON<br>USA 10/11/2015<br>LAURA VAL<br>NANCY RIDOUT<br>JPN 05/21/2006<br>MIEKO KAMOSHITA<br>KEIJIRO NAKAMURA<br>USA 12/17/2016<br>JOAN CAMPBELL<br>JOHN CORSE  | USA 11/14/2015 1:52.68<br>USA 10/11/2015 2:08.53<br>JPN 05/21/2006 2:36.37<br>USA 12/17/2016 3:56.13 | SHERI HART<br>MARC MIDDLETON<br>DONALD GRAHAM<br>LISA DAHL<br>280-319 TAMALPAIS AQUATIC MA<br>LAURA VAL<br>RICHARD BURNS<br>320-359 AZSC<br>JOZEF VAN ROY<br>JOSEPH MEYTEN<br>360-399 COAST MASTERS<br>MADELEINE MILLER<br>WALTER PFEIFFER  | DANIELLE CHANCE<br>RICHARD ABRAHAMS<br>USA 11/22/2015 2:07.54<br>RICK COLELLA<br>CHARLOTTE DAVIS<br>USA 09/27/2015 2:22.04<br>KENNETH FROST<br>NANCY RIDOUT<br>BEL 05/21/2016 3:00.58<br>AGNES VAN OBBERGHEN<br>ELIANE PELLIS<br>USA 10/19/2003 5:12.04<br>MAXINE MERLINO<br>WOODY BOWERSOCK  |   |
| ***** RELAY 400 M. FREE - MIXED *****  | ***** RELAY 400 M. MEDLEY - MIXED *****   |  |   |   |   |
| 100-119 G.B.POLICE<br>BRIAN STEATHAM<br>AIMEE RAMM<br>120-159 TEDDINGTON MASTERS<br>PAUL GRIFFIN<br>ZOE LIOKALOS<br>160-199 COLORADO MASTERS SWI<br>CHRIS O'SULLIVAN<br>SUSAN VON DER LIPPE<br>200-239 NORTH CAROLINA MASTE<br>ERIKA BRAUN<br>SUE WALSH<br>240-279 PUGET SOUND MASTERS<br>RICK COLELLA<br>DAVE HANNULA<br>280-319 TAMALPAIS AQUATIC MA<br>RICHARD BURNS<br>LAURA VAL<br>320-359 ISLAND<br>KEIKO FUJIMOTO<br>SHINGO YAMAMOTO<br>360-399 MICHIGAN MASTERS<br>DONALD POPE<br>LOIS KIVI NOCHMAN          | GBR 10/29/2011<br>HAYLEY BIRD<br>NIGEL GASKIN<br>GBR 10/29/2016<br>GEORGINA HEYN<br>LEON SMITH<br>USA 11/21/2009<br>RICHARD ABRAHAMS<br>SHERI HART<br>USA 12/14/2014<br>HENRY STEWART<br>JONATHAN KLEIN<br>USA 11/20/2016<br>CHARLOTTE DAVIS<br>LISA DAHL<br>USA 10/10/2015<br>NANCY RIDOUT<br>KENNETH FROST<br>JPN 05/07/2016<br>KIYOKO IKEUCHI<br>KIHEI YOSHIMURA<br>USA 03/14/2010<br>EDITH GLUSAC<br>BOB DOUD           | 3:42.99<br>3:42.83<br>3:46.01<br>3:56.10<br>4:16.39<br>4:53.99<br>6:31.05<br>13:31.90                | 100-119 DWK<br>MERIJN ELLENKAMP<br>PAULINE GOUWENS<br>120-159 PHOENIX SWIM CLUB<br>NORIKA INADA<br>ERIN CAMPBELL<br>160-199 COLORADO MASTERS SWI<br>SHERI HART<br>CHRIS O'SULLIVAN<br>200-239 ILLINOIS MASTERS<br>JIM TUCHLER<br>ANDREA BLOCK<br>240-279 OREGON<br>KAREN ANDRUS-HUGHES<br>COLETTE CRABBE<br>280-319 TAMALPAIS AQUATIC MA<br>LAURA VAL<br>RICHARD BURNS<br>320-359 FLORIDA MAVERICK MAS<br>PAUL HUTINGER<br>PATRICIA TULLMAN<br>360-399 SAPPORO MST<br>FUMI MURATA<br>TOSHIKAZU TATEDA | NED 01/25/2014<br>NICK VAN GEMERT<br>MARION VAN DEN BERG<br>USA 11/24/2013<br>JEFF COMMINGS<br>JAN KONARZEWSKI<br>USA 11/22/2009<br>SUSAN VON DER LIPPE<br>RICHARD ABRAHAMS<br>USA 10/11/2015<br>DAVID SIMS<br>LIZ DILLMANN<br>USA 12/13/2009<br>ALLEN STARK<br>DAVID RADCLIFF<br>USA 10/11/2015<br>KENNETH FROST<br>NANCY RIDOUT<br>USA 11/22/2009<br>ROBERT MACDONALD<br>JEAN TROY<br>JPN 05/31/2015<br>NAKA FUKUOKA<br>YOSHIRO OBATA | 4:05.65<br>3:56.24<br>4:10.32<br>4:23.63<br>4:43.20<br>5:21.37<br>7:29.64<br>10:38.12 |
| ***** RELAY 800 M. FREE - MIXED *****  |   |  |   |   |   |
| 100-119 DERTHONA NUOTO<br>FRANCESCA FRATTINI<br>ANDREA FERRARI<br>120-159 NOTTINGHAM LEANDER<br>IAIN MACMILLAN<br>REBECA MILNES<br>160-199 WALNUT CREEK MASTERS<br>JACK SORENSEN<br>MARGEE CURRAN<br>200-239 ILLINOIS MASTERS<br>LIZ DILLMANN<br>ANDREA BLOCK<br>240-279 TAMALPAIS AQUATIC MA<br>RICHARD BURNS<br>BARBARA WHEELER<br>280-319 TAMALPAIS AQUATIC MA<br>LAURA VAL<br>NANCY RIDOUT<br>320-359 AZSC<br>ELIANE PELLIS<br>GEORGES VERHELST<br>360-399 FLORIDA AQUATIC COMB<br>EDWIN GRAVES<br>JOAN CAMPBELL | ITA 11/03/2013<br>DILETTA LUGANO<br>ALESSANDRO FORLIO<br>GBR 11/23/2014<br>SELENA BURGESS<br>ALEX THURSTON<br>USA 10/16/2009<br>ALISON ZAMANIAN<br>ROQUE SANTOS<br>USA 10/11/2015<br>DAVID SIMS<br>JIM TUCHLER<br>USA 10/04/2009<br>LAURA VAL<br>KENNETH FROST<br>USA 09/27/2015<br>KENNETH FROST<br>RICHARD BURNS<br>BEL 03/23/2013<br>AGNES VAN OBBERGHEN<br>JEF VAN ROY<br>USA 12/17/2016<br>JOHN CORSE<br>BETTY LORENZI | 8:28.54<br>8:13.69<br>8:26.62<br>8:36.91<br>9:34.91<br>10:54.11<br>15:27.95<br>23:00.65              |   |   |   |