



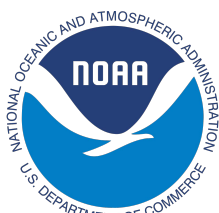
## Top Ten Highest Water Levels for long-term stations in meters above MHW (as of 4/2017)

\* --- Inferred Level

& --- Last Recorded Level

# --- High Water Mark

| Station Number | Station Name                      | First                | Second              | Third               | Fourth              | Fifth               | Sixth               | Seventh             | Eighth              | Ninth               | Tenth               |
|----------------|-----------------------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 1611400        | Nawiliwili, HI<br>(since 1954)    | 9/11/1992<br>0.961   | 7/3/2015<br>0.377   | 7/31/2004<br>0.374  | 6/5/2016<br>0.372   | 9/10/1981<br>0.370  | 11/6/2006<br>0.360  | 1/10/2005<br>0.349  | 2/4/1985<br>0.348   | 12/13/2008<br>0.337 | 11/25/2003<br>0.333 |
| 1612340        | Honolulu, HI<br>(since 1905)      | 9/11/1992<br>0.447   | 12/20/1968<br>0.423 | 1/17/1969<br>0.362  | 1/8/1974<br>0.362   | 7/11/1995<br>0.359  | 6/14/2003<br>0.359  | 4/29/2017<br>0.358  | 9/24/2003<br>0.350  | 6/3/2004<br>0.348   | 12/22/1995<br>0.347 |
| 1612480        | Mokuoloe, HI<br>(since 1957)      | 1/8/1974<br>0.445    | 4/29/2017<br>0.418  | 12/20/1968<br>0.415 | 12/13/2008<br>0.409 | 11/13/2004<br>0.389 | 11/25/2007<br>0.373 | 12/15/2016<br>0.372 | 11/23/1984<br>0.372 | 8/9/2006<br>0.371   | 11/12/1996<br>0.363 |
| 1615680        | Kahului, HI<br>(since 1951)       | 1/8/1974<br>0.376    | 12/20/1968<br>0.376 | 1/7/1978<br>0.367   | 8/9/2006<br>0.352   | 11/24/1995<br>0.352 | 12/11/1977<br>0.346 | 11/25/2007<br>0.336 | 12/31/2001<br>0.336 | 6/14/1981<br>0.334  | 6/3/2004<br>0.326   |
| 1617760        | Hilo, HI<br>(since 1946)          | 12/14/2016<br>0.459  | 1/20/1981<br>0.417  | 6/4/2004<br>0.402   | 6/5/2016<br>0.397   | 1/12/2005<br>0.386  | 12/31/1982<br>0.374 | 2/6/1993<br>0.371   | 12/24/1996<br>0.371 | 7/31/2004<br>0.368  | 8/26/1984<br>0.365  |
| 1619000        | Johnston Atoll<br>(1947-2003)     | 1/13/1958<br>0.846   | 1/7/1962<br>0.663   | 1/8/1974<br>0.541   | 1/18/1959<br>0.541  | 8/19/1972<br>0.541  | 2/23/1986<br>0.516  | 1/19/2003<br>0.508  | 10/5/1994<br>0.495  | 1/11/1954<br>0.480  | 1/1/1999<br>0.470   |
| 1619910        | Midway Atoll<br>(since 1947)      | 1/11/1958<br>* 0.867 | 2/21/1986<br>0.793  | 12/20/1964<br>0.775 | 1/14/2011<br>0.722  | 2/12/1998<br>0.716  | 1/16/2005<br>0.671  | 1/20/2015<br>0.609  | 1/11/2004<br>0.598  | 12/18/2013<br>0.584 | 12/20/2004<br>0.573 |
| 1630000        | Apra Harbor, Guam<br>(since 1948) | 8/28/1992<br>0.594   | 6/4/2008<br>0.408   | 7/22/2005<br>0.388  | 7/23/2013<br>0.384  | 7/4/2002<br>0.372   | 5/5/2008<br>0.367   | 12/11/2008<br>0.365 | 7/30/2008<br>0.365  | 8/28/1984<br>0.353  | 8/19/2013<br>0.349  |
| 1770000        | Pago Pago, Samoa<br>(since 1948)  | 12/14/2016<br>0.354  | 1/12/2017<br>0.342  | 10/18/2016<br>0.332 | 9/29/2015<br>0.322  | 11/15/2016<br>0.310 | 9/8/2014<br>0.306   | 1/22/2011<br>0.304  | 1/31/2014<br>0.284  | 4/18/2011<br>0.281  | 8/1/2015<br>0.280   |
| 1820000        | Kwajalein<br>(since 1946)         | 9/8/2010<br>0.621    | 2/28/2006<br>0.620  | 1/31/2014<br>0.607  | 4/7/2012<br>0.604   | 2/19/2011<br>0.598  | 1/21/2011<br>0.582  | 10/26/2007<br>0.579 | 3/8/2012<br>0.578   | 7/23/2013<br>0.574  | 10/27/2011<br>0.573 |
| 1890000        | Wake Island<br>(since 1950)       | 8/31/2006<br>1.214   | 10/28/1992<br>0.981 | 9/15/1994<br>0.718  | 1/17/1953<br>0.612  | 8/29/2004<br>0.561  | 8/19/1997<br>0.523  | 10/6/1968<br>0.490  | 9/28/1996<br>0.471  | 9/1/2004<br>0.470   | 8/21/1986<br>0.453  |
| 2695540        | Bermuda<br>(since 1932)           | 9/25/1987<br>0.660   | 12/1/1967<br>0.639  | 10/26/1995<br>0.612 | 10/28/2011<br>0.570 | 12/27/1976<br>0.563 | 9/8/1998<br>0.555   | 11/11/2011<br>0.537 | 10/27/2003<br>0.531 | 10/17/2012<br>0.528 | 11/22/1961<br>0.517 |
| 8410140        | Eastport, ME<br>(since 1929)      | 1/10/1997<br>1.509   | 4/6/1977<br>1.476   | 1/29/1979<br>1.378  | 1/9/1978<br>1.354   | 9/6/1979<br>1.329   | 12/5/1976<br>1.323  | 4/8/2016<br>1.292   | 2/19/2015<br>1.290  | 1/21/2011<br>1.279  | 12/20/1968<br>1.259 |
| 8413320        | Bar Harbor, ME<br>(since 1947)    | 12/29/1959<br>1.084  | 2/7/1978<br>1.075   | 1/27/1963<br>1.054  | 1/9/1978<br>1.039   | 1/29/1979<br>1.020  | 1/21/2011<br>0.970  | 4/8/2016<br>0.964   | 1/2/2010<br>0.952   | 12/22/1995<br>0.947 | 1/10/1982<br>0.932  |
| 8418150        | Portland, ME<br>(since 1912)      | 2/7/1978<br>1.286    | 1/9/1978<br>1.229   | 3/16/1976<br>1.025  | 12/4/1990<br>1.022  | 11/20/1945<br>1.019 | 11/30/1944<br>1.019 | 4/16/2007<br>0.993  | 1/2/1987<br>0.985   | 12/29/1959<br>0.958 | 4/7/1958<br>0.958   |



## Top Ten Highest Water Levels for long-term stations in meters above MHHW (as of 4/2017)

\* --- Inferred Level

& --- Last Recorded Level

# --- High Water Mark

| Station Number | Station Name                            | First                 | Second                | Third                 | Fourth               | Fifth                | Sixth                 | Seventh             | Eighth              | Ninth                 | Tenth               |
|----------------|---|-----------------------|-----------------------|-----------------------|----------------------|----------------------|-----------------------|---------------------|---------------------|-----------------------|---------------------|
| 8443970        | Boston, MA<br>(since 1921)              | 2/7/1978<br>1.470     | 1/2/1987<br>1.196     | 10/30/1991<br>1.178   | 1/28/1979<br>1.147   | 12/12/1992<br>1.144  | 12/29/1959<br>1.129   | 2/19/1972<br>1.102  | 1/3/2014<br>1.086   | 4/18/2007<br>1.074    | 5/25/2005<br>1.069  |
| 8447930        | Woods Hole, MA<br>(since 1932)          | 9/21/1938<br># 2.615  | 8/31/1954<br>* 2.432  | 9/14/1944<br>* 1.488  | 8/19/1991<br>1.417   | 9/12/1960<br>1.091   | 10/29/2012<br>1.043   | 2/19/1972<br>0.969  | 11/30/1963<br>0.939 | 12/27/2012<br>0.935   | 12/2/1974<br>0.933  |
| 8449130        | Nantucket Island, MA<br>(since 1965)    | 10/30/1991<br>1.309   | 1/27/2015<br>1.109    | 2/9/2013<br>0.984     | 12/12/1992<br>0.943  | 1/3/2014<br>0.914    | 1/2/1987<br>0.843     | 1/23/2005<br>0.801  | 3/8/2013<br>0.792   | 2/7/1978<br>0.779     | 11/3/2007<br>0.773  |
| 8452660        | Newport, RI<br>(since 1930)             | 9/21/1938<br># 2.882  | 8/31/1954<br>* 2.059  | 10/29/2012<br>1.284   | 8/19/1991<br>1.212   | 9/14/1944<br># 1.206 | 1/9/1978<br>1.096     | 10/31/1991<br>0.995 | 2/7/1978<br>0.992   | 11/30/1963<br>0.992   | 12/2/1974<br>0.989  |
| 8454000        | Providence, RI<br>(since 1938)          | 9/21/1938<br># 3.862  | 9/14/1944<br>* 1.789  | 8/19/1991<br>1.570    | 1/9/1978<br>1.497    | 9/12/1960<br>1.454   | 11/30/1963<br>1.423   | 10/29/2012<br>1.326 | 9/27/1985<br>1.314  | 1/2/1987<br>1.305     | 4/16/2007<br>1.241  |
| 8461490        | New London, CT<br>(since 1938)          | 9/21/1938<br># 2.295  | 8/31/1954<br>* 1.990  | 10/30/2012<br>1.489   | 11/25/1950<br>1.380  | 9/14/1944<br>* 1.228 | 9/12/1960<br>1.167    | 11/7/1953<br>1.136  | 10/31/1991<br>1.042 | 8/28/2011<br>1.034    | 11/12/1968<br>1.015 |
| 8467150        | Bridgeport, CT<br>(since 1964)          | 10/30/2012<br>1.742   | 8/28/2011<br>1.438    | 12/11/1992<br>1.438   | 10/31/1991<br>1.237  | 10/25/1980<br>1.118  | 3/29/1984<br>1.002    | 9/27/1985<br>0.996  | 10/19/1996<br>0.977 | 11/12/1968<br>0.975   | 4/16/2007<br>0.972  |
| 8510560        | Montauk, NY<br>(since 1947)             | 8/31/1954<br>1.802    | 10/29/2012<br>1.381   | 2/6/1978<br>1.287     | 10/31/1991<br>1.159  | 11/25/1950<br>1.131  | 11/7/1953<br>1.040    | 11/12/1968<br>1.010 | 2/19/1972<br>0.988  | 12/11/1992<br>0.979   | 12/27/2010<br>0.935 |
| 8516990        | Kings Pt/Willets Pt, NY<br>(since 1931) | 9/21/1938<br># 2.729  | 8/31/1954<br>* 2.120  | 12/11/1992<br>1.979   | 10/30/2012<br>1.963  | 2/7/1978<br>1.769    | 11/25/1950<br>* 1.601 | 11/12/1968<br>1.571 | 10/19/1996<br>1.494 | 10/25/1980<br>1.486   | 2/19/1972<br>1.406  |
| 8518750        | The Battery, NY<br>(since 1893)         | 10/30/2012<br>2.739   | 9/12/1960<br>1.511    | 12/11/1992<br>* 1.416 | 11/7/1953<br>* 1.358 | 8/28/2011<br>1.357   | 11/25/1950<br>1.237   | 3/6/1962<br>1.176   | 3/13/2010<br>1.142  | 10/31/1991<br>1.118   | 3/29/1984<br>1.057  |
| 8531680        | Sandy Hook, NJ<br>(since 1932)          | 10/29/2012<br>& 2.440 | 9/12/1960<br>* 1.481  | 12/11/1992<br>1.478   | 8/28/2011<br>1.383   | 11/7/1953<br>* 1.360 | 3/6/1962<br>1.268     | 9/14/1944<br>1.268  | 3/13/2010<br>1.158  | 11/25/1950<br>* 1.146 | 11/12/1968<br>1.091 |
| 8534720        | Atlantic City, NJ<br>(since 1911)       | 12/11/1992<br>1.335   | 9/14/1944<br>1.292    | 10/29/2012<br>1.267   | 9/27/1985<br>1.210   | 10/31/1991<br>1.176  | 3/6/1962<br>1.170     | 8/9/1976<br>1.170   | 11/25/1950<br>1.109 | 3/29/1984<br>1.033    | 1/23/2016<br>0.987  |
| 8536110        | Cape May, NJ<br>(since 1965)            | 1/23/2016<br>1.077    | 10/29/2012<br>1.050   | 9/27/1985<br>1.025    | 10/29/2011<br>0.987  | 10/25/1980<br>0.979  | 12/11/1992<br>0.946   | 1/4/1992<br>0.943   | 3/3/1994<br>0.937   | 8/28/2011<br>0.897    | 10/14/1977<br>0.860 |
| 8545240        | Philadelphia, PA<br>(since 1900)        | 10/30/2012<br>1.199   | 11/25/1950<br>* 1.155 | 4/17/2011<br>1.149    | 12/21/2012<br>1.117  | 10/25/1980<br>1.057  | 8/24/1933<br># 1.033  | 5/1/2014<br>0.989   | 8/28/2011<br>0.985  | 8/13/1955<br>0.972    | 2/26/1979<br>0.966  |
| 8557380        | Lewes, DE<br>(since 1919)               | 1/23/2016<br>1.403    | 3/6/1962<br>1.392     | 1/4/1992<br>1.248     | 10/29/2012<br>1.231  | 1/28/1998<br>1.209   | 2/5/1998<br>1.170     | 9/27/1985<br>1.029  | 3/3/1994<br>1.014   | 8/28/2011<br>1.013    | 10/25/1980<br>1.001 |



## Top Ten Highest Water Levels for long-term stations in meters above MHHW (as of 4/2017)

\* --- Inferred Level

& --- Last Recorded Level

# --- High Water Mark

| Station Number | Station Name                            | First                | Second               | Third               | Fourth               | Fifth                 | Sixth               | Seventh            | Eighth              | Ninth                 | Tenth               |
|----------------|---|----------------------|----------------------|---------------------|----------------------|-----------------------|---------------------|--------------------|---------------------|-----------------------|---------------------|
| 8571892        | Cambridge, MD<br>(since 1943)           | 9/19/2003<br>1.262   | 9/6/1996<br>0.856    | 4/17/2011<br>0.813  | 12/21/2012<br>0.796  | 10/29/2012<br>0.762   | 9/6/1979<br>0.755   | 10/1/2010<br>0.753 | 11/4/1985<br>0.728  | 9/6/2008<br>0.706     | 10/25/1980<br>0.694 |
| 8574680        | Baltimore, MD<br>(since 1902)           | 9/19/2003<br>1.978   | 8/23/1933<br># 1.839 | 8/13/1955<br>1.443  | 10/15/1954<br>1.169  | 8/4/1915<br>* 1.108   | 9/6/1979<br>1.072   | 9/7/1996<br>1.068  | 11/4/1985<br>1.059  | 11/25/1950<br>* 0.986 | 9/1/1952<br>* 0.925 |
| 8575512        | Annapolis, MD<br>(since 1928)           | 9/19/2003<br>1.745   | 8/23/1933<br># 1.446 | 8/13/1955<br>1.081  | 9/7/1996<br>1.038    | 10/15/1954<br>* 1.020 | 9/6/1979<br>0.953   | 11/4/1985<br>0.953 | 3/8/1962<br>0.867   | 10/1/2010<br>0.856    | 10/4/2014<br>0.809  |
| 8577330        | Solomons Island, MD<br>(since 1937)     | 9/19/2003<br>& 0.904 | 9/1/2006<br>0.894    | 8/13/1955<br>0.845  | 3/8/1962<br>0.845    | 9/7/1996<br>0.828     | 11/4/1985<br>0.815  | 4/17/2011<br>0.791 | 5/12/2008<br>0.776  | 5/1/2014<br>0.715     | 10/5/2015<br>0.710  |
| 8594900        | Washington, DC<br>(since 1931)          | 10/17/1942<br>2.402  | 3/19/1936<br>2.249   | 9/19/2003<br>2.163  | 8/23/1933<br># 2.128 | 4/28/1937<br>1.701    | 6/24/1972<br>1.670  | 9/9/1996<br>1.521  | 11/5/1985<br>1.515  | 1/21/1996<br>1.501    | 10/15/1954<br>1.427 |
| 8632200        | Kiptopeke, VA<br>(since 1951)           | 3/7/1962<br>1.260    | 11/13/2009<br>1.213  | 10/29/2012<br>1.175 | 9/18/2003<br>1.090   | 8/28/2011<br>1.080    | 12/19/2009<br>0.927 | 2/5/1998<br>0.919  | 10/29/2011<br>0.888 | 10/4/2015<br>0.881    | 10/7/2006<br>0.873  |
| 8635150        | Colonial Beach, VA<br>(since 1972)      | 11/4/1985<br>& 1.203 | 9/18/2003<br>& 1.006 | 9/6/1996<br>0.995   | 5/12/2008<br>0.744   | 11/13/2009<br>0.669   | 9/6/1979<br>0.658   | 3/14/2010<br>0.654 | 11/1/1991<br>0.646  | 3/29/1984<br>0.619    | 3/19/1983<br>0.616  |
| 8635750        | Lewisetta, VA<br>(since 1974)           | 9/1/2006<br>1.262    | 9/19/2003<br>1.208   | 8/28/2011<br>0.919  | 10/4/2015<br>0.802   | 11/13/2009<br>0.790   | 11/4/1985<br>0.767  | 2/5/1998<br>0.711  | 4/17/2011<br>0.700  | 2/9/2016<br>0.694     | 10/4/2014<br>0.687  |
| 8637624        | Gloucester Point, VA<br>(since 1950)    | 9/18/2003<br>& 1.567 | 11/12/2009<br>1.310  | 8/28/2011<br>1.230  | 3/7/1962<br>1.089    | 10/7/2006<br>1.080    | 10/29/2012<br>1.044 | 9/1/2006<br>1.020  | 2/5/1998<br>0.966   | 11/22/2006<br>0.957   | 4/27/1978<br>0.939  |
| 8638610        | Sewells Point, VA<br>(since 1927)       | 8/23/1933<br># 1.604 | 9/18/2003<br>1.564   | 11/12/2009<br>1.515 | 8/28/2011<br>1.462   | 3/7/1962<br>1.360     | 10/29/2012<br>1.230 | 9/18/1936<br>1.207 | 11/22/2006<br>1.180 | 2/5/1998<br>1.164     | 10/7/2006<br>1.146  |
| 8638863        | Ches Bay Bridge Tnl, VA<br>(since 1975) | 11/12/2009<br>1.420  | 9/18/2003<br>1.413   | 8/28/2011<br>1.359  | 10/29/2012<br>1.258  | 11/22/2006<br>1.143   | 2/5/1998<br>1.122   | 10/4/2015<br>1.078 | 10/7/2006<br>1.050  | 12/19/2009<br>1.003   | 1/28/1998<br>0.986  |
| 8656483        | Beaufort, NC<br>(since 1953)            | 10/15/1954<br>1.033  | 9/19/1955<br>1.033   | 9/14/2005<br>0.916  | 9/12/1960<br>0.881   | 9/16/1999<br>0.837    | 8/27/2011<br>0.827  | 9/6/1996<br>0.785  | 10/4/2015<br>0.706  | 8/17/1955<br>0.698    | 1/1/1987<br>0.683   |
| 8658120        | Wilmington, NC<br>(since 1935)          | 10/8/2016<br>1.062   | 10/15/1954<br>1.057  | 3/13/1993<br>0.859  | 9/16/1999<br>0.802   | 10/8/1996<br>0.771    | 9/6/1996<br>0.705   | 1/1/1987<br>0.676  | 10/4/2015<br>0.655  | 2/9/2016<br>0.614     | 9/6/2008<br>0.609   |
| 8661070        | Springmaid Pier, SC<br>(since 1957)     | 1/1/1987<br>1.112    | 10/27/2015<br>0.856  | 11/15/2012<br>0.805 | 9/27/2015<br>0.804   | 11/13/1981<br>0.792   | 10/8/1996<br>0.763  | 9/4/1979<br>0.743  | 5/7/2012<br>0.740   | 12/1/1986<br>0.734    | 10/3/1994<br>0.731  |
| 8665530        | Charleston, SC<br>(since 1921)          | 9/21/1989<br>2.060   | 8/11/1940<br># 1.362 | 10/8/2016<br>1.070  | 1/1/1987<br>0.927    | 10/27/2015<br>0.880   | 9/4/1979<br>0.875   | 5/28/1934<br>0.875 | 11/2/1947<br>0.844  | 9/29/1959<br>0.722    | 10/15/1947<br>0.722 |



## Top Ten Highest Water Levels for long-term stations in meters above MHHW (as of 4/2017)

\* --- Inferred Level

& --- Last Recorded Level

# --- High Water Mark

| Station Number | Station Name                         | First                | Second               | Third               | Fourth              | Fifth               | Sixth                | Seventh             | Eighth               | Ninth               | Tenth               |
|----------------|--------------------------------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|----------------------|---------------------|---------------------|
| 8670870        | Fort Pulaski, GA<br>(since 1935)     | 10/8/2016<br>1.507   | 10/15/1947<br>1.036  | 8/11/1940<br>0.914  | 10/27/2015<br>0.891 | 12/3/1971<br>0.853  | 2/7/1993<br>0.841    | 6/24/2009<br>0.782  | 11/13/2016<br>0.758  | 9/17/2001<br>0.758  | 5/8/2012<br>0.728   |
| 8720030        | Fernandina Beach, FL<br>(since 1897) | 10/2/1898<br># 2.107 | 10/7/2016<br>1.258   | 9/9/1964<br>1.202   | 10/19/1944<br>1.141 | 9/27/2004<br>0.841  | 11/23/1984<br>0.793  | 11/13/2016<br>0.757 | 10/27/2015<br>0.746  | 9/24/1992<br>0.744  | 10/18/1910<br>0.736 |
| 8720220        | Mayport, FL<br>(since 1928)          | 10/7/2016<br>0.980   | 9/27/2004<br>0.750   | 9/9/1964<br>* 0.713 | 10/19/1944<br>0.682 | 9/17/2001<br>0.660  | 8/22/2008<br>0.651   | 10/27/2015<br>0.611 | 9/29/2015<br>0.600   | 11/13/2016<br>0.595 | 11/23/1984<br>0.584 |
| 8723970        | Vaca Key, FL<br>(since 1971)         | 10/24/2005<br>1.767  | 10/30/2012<br>0.510  | 10/3/2015<br>0.501  | 8/26/2005<br>0.472  | 10/7/1974<br>0.434  | 10/20/2016<br>0.432  | 9/26/2008<br>0.424  | 11/15/2016<br>0.422  | 10/16/1999<br>0.418 | 5/5/2016<br>0.415   |
| 8724580        | Key West, FL<br>(since 1913)         | 10/24/2005<br>0.956  | 9/8/1965<br>0.589    | 10/18/1944<br>0.558 | 9/21/2005<br>0.501  | 10/18/2016<br>0.493 | 11/15/2016<br>0.477  | 9/25/1998<br>0.463  | 10/3/2015<br>0.444   | 11/5/2001<br>0.419  | 9/16/2009<br>0.418  |
| 8725110        | Naples, FL<br>(since 1965)           | 12/22/1972<br>0.948  | 1/17/2016<br>0.938   | 1/3/1999<br>0.910   | 9/14/2001<br>0.882  | 3/13/1993<br>0.857  | 8/31/2008<br>0.681   | 10/8/1996<br>0.674  | 10/30/1993<br>0.668  | 10/4/1995<br>0.655  | 12/31/1986<br>0.652 |
| 8725520        | Fort Myers, FL<br>(since 1965)       | 11/23/1988<br>1.038  | 9/14/2001<br>1.010   | 6/18/1982<br>1.007  | 6/25/1974<br>0.940  | 8/13/2004<br>0.869  | 8/31/1985<br>0.846   | 10/8/1996<br>0.821  | 9/6/2004<br>0.820    | 6/25/2012<br>0.807  | 10/4/1995<br>0.800  |
| 8726520        | St. Petersburg, FL<br>(since 1947)   | 8/31/1985<br>1.219   | 10/8/1996<br>1.091   | 6/18/1982<br>1.073  | 6/19/1972<br>0.966  | 3/13/1993<br>0.887  | 9/5/1950<br>0.844    | 9/6/2004<br>0.834   | 6/25/2012<br>0.789   | 9/17/2000<br>0.774  | 10/18/1968<br>0.753 |
| 8726724        | Clearwater Beach, FL<br>(since 1973) | 3/13/1993<br>1.219   | 1/3/1999<br>1.005    | 8/31/1985<br>0.960  | 10/8/1996<br>0.950  | 12/31/1986<br>0.801 | 6/24/2012<br>0.794   | 6/18/1982<br>0.737  | 9/10/2008<br>0.668   | 9/17/2000<br>0.664  | 1/17/2016<br>0.663  |
| 8727520        | Cedar Key, FL<br>(since 1914)        | 8/31/1985<br>& 1.648 | 10/7/1996<br>1.569   | 3/13/1993<br>1.563  | 6/19/1972<br>1.282  | 6/9/1966<br>1.218   | 7/10/2005<br>1.215   | 6/5/1995<br>1.136   | 10/4/1995<br>1.053   | 9/3/1998<br>1.032   | 11/1/1985<br>0.971  |
| 8728690        | Apalachicola, FL<br>(since 1967)     | 7/10/2005<br>1.960   | 11/21/1985<br>1.734  | 10/4/1995<br>1.484  | 6/19/1972<br>1.371  | 9/3/1998<br>1.308   | 9/16/2004<br>1.104   | 9/1/1985<br>1.011   | 9/23/1975<br>1.005   | 10/2/1994<br>1.002  | 8/28/2012<br>0.977  |
| 8729108        | Panama City, FL<br>(since 1973)      | 10/4/1995<br>1.742   | 7/10/2005<br>1.294   | 9/23/1975<br>1.163  | 9/16/2004<br>1.034  | 8/28/2012<br>0.860  | 9/11/2008<br>0.832   | 6/11/2005<br>0.806  | 9/12/1979<br>0.803   | 11/21/1985<br>0.776 | 8/29/2005<br>0.759  |
| 8729840        | Pensacola, FL<br>(since 1923)        | 9/20/1926<br># 2.260 | 9/16/2004<br>& 1.681 | 8/29/2005<br>1.655  | 10/4/1995<br>1.437  | 7/10/2005<br>1.299  | 9/12/1979<br>& 1.297 | 9/28/1998<br>1.150  | 8/31/1950<br>& 1.010 | 9/26/2002<br>0.938  | 9/11/2008<br>0.930  |
| 8735180        | Dauphin Island, AL<br>(since 1966)   | 9/16/2004<br>1.810   | 8/29/2005<br>1.575   | 9/2/1985<br>1.024   | 9/11/2008<br>0.954  | 8/29/2012<br>0.940  | 10/4/1995<br>0.908   | 9/26/2002<br>0.885  | 8/18/1969<br>0.838   | 9/23/2005<br>0.829  | 11/10/2009<br>0.793 |
| 8761724        | Grand Isle, LA<br>(since 1947)       | 9/9/1965<br>1.636    | 8/29/2012<br>1.356   | 8/29/2005<br>1.348  | 9/1/2008<br>1.257   | 9/24/2005<br>1.037  | 10/27/1985<br>0.947  | 9/26/2002<br>0.939  | 10/3/2002<br>0.894   | 7/18/1997<br>0.794  | 9/3/2011<br>0.750   |



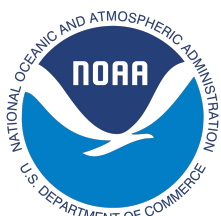
## Top Ten Highest Water Levels for long-term stations in meters above MHHW (as of 4/2017)

\* --- Inferred Level

& --- Last Recorded Level

# --- High Water Mark

| Station Number | Station Name                              | First                | Second               | Third                | Fourth               | Fifth               | Sixth               | Seventh             | Eighth              | Ninth                | Tenth                |
|----------------|---|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|
| 8770570        | Sabine Pass, TX<br>(since 1958)           | 9/13/2008<br>3.874   | 9/11/1961<br>1.663   | 9/24/2005<br>& 1.454 | 9/11/1998<br>1.011   | 8/1/1989<br>0.827   | 4/18/2016<br>0.751  | 7/15/2003<br>0.750  | 6/26/1986<br>0.702  | 10/16/2006<br>0.698  | 9/11/1982<br>0.687   |
| 8771450        | Galveston Pier 21, TX<br>(since 1908)     | 9/13/2008<br>& 2.870 | 8/17/1915<br># 2.533 | 9/11/1961<br>2.106   | 9/15/1919<br># 1.893 | 8/18/1983<br>1.265  | 6/27/1957<br>1.222  | 9/11/1998<br>1.177  | 7/15/2003<br>1.171  | 8/29/1942<br>* 1.070 | 7/25/1934<br>* 1.070 |
| 8771510        | Galves. Pleasure Pier, TX<br>(since 1957) | 9/13/2008<br>2.825   | 9/11/1961<br>2.183   | 8/18/1983<br>2.101   | 7/15/2003<br>1.681   | 9/11/1998<br>1.248  | 10/15/1989<br>1.211 | 9/10/1971<br>1.040  | 10/16/2006<br>0.909 | 9/7/2002<br>0.903    | 9/5/1973<br>0.811    |
| 8772440        | Freeport, TX<br>(since 1954)              | 7/15/2003<br>1.509   | 9/11/1998<br>1.264   | 8/9/1980<br>0.973    | 9/10/1971<br>0.848   | 9/6/1973<br>* 0.845 | 9/7/2002<br>0.818   | 10/6/1996<br>0.790  | 10/16/2006<br>0.761 | 9/24/2005<br>0.743   | 6/27/1957<br>0.729   |
| 8774770        | Rockport, TX<br>(since 1948)              | 8/10/1980<br>1.138   | 9/20/1967<br>& 1.031 | 9/11/1998<br>0.805   | 9/13/2008<br>0.805   | 9/12/1971<br>0.665  | 10/7/1996<br>0.613  | 7/9/2010<br>0.607   | 9/20/2010<br>0.589  | 10/22/2015<br>0.585  | 9/17/1988<br>0.580   |
| 8779770        | Port Isabel, TX<br>(since 1944)           | 8/9/1980<br>1.728    | 9/20/1967<br># 1.332 | 9/11/1961<br>0.985   | 6/30/2010<br>0.858   | 9/13/2008<br>0.832  | 9/16/1988<br>0.799  | 9/1/1977<br>0.774   | 9/11/1998<br>0.772  | 7/23/2008<br>0.753   | 9/24/2005<br>0.659   |
| 9410170        | San Diego, CA<br>(since 1906)             | 11/25/2015<br>0.764  | 12/13/2012<br>0.743  | 1/27/1983<br>0.736   | 8/8/1983<br>0.733    | 12/20/1968<br>0.697 | 7/10/1983<br>0.694  | 1/11/2005<br>0.687  | 12/2/1986<br>0.678  | 11/13/1997<br>0.659  | 12/23/2003<br>0.657  |
| 9410230        | La Jolla, CA<br>(since 1924)              | 11/25/2015<br>0.747  | 1/11/2005<br>0.711   | 11/13/1997<br>0.708  | 8/8/1983<br>0.678    | 12/13/2012<br>0.677 | 7/10/1983<br>0.666  | 12/2/1986<br>0.657  | 1/29/1983<br>0.648  | 1/19/1992<br>0.639   | 6/23/2009<br>0.631   |
| 9410660        | Los Angeles, CA<br>(since 1923)           | 1/10/2005<br>0.741   | 1/27/1983<br>0.711   | 11/25/2015<br>0.688  | 8/8/1983<br>0.683    | 12/13/2012<br>0.677 | 1/8/1974<br>0.665   | 7/10/1983<br>0.650  | 11/30/1982<br>0.650 | 12/2/1986<br>0.644   | 11/13/1997<br>0.638  |
| 9410840        | Santa Monica, CA<br>(since 1933)          | 11/30/1982<br>0.937  | 1/10/2005<br>0.739   | 11/25/2015<br>0.696  | 12/13/2012<br>0.689  | 12/23/2003<br>0.652 | 1/9/1978<br>0.650   | 12/2/1986<br>0.644  | 12/30/1982<br>0.641 | 7/22/2005<br>0.631   | 12/3/1994<br>0.629   |
| 9411340        | Santa Barbara, CA<br>(since 1973)         | 12/13/2012<br>0.679  | 11/26/2015<br>0.631  | 1/19/1992<br>0.607   | 11/13/1997<br>0.598  | 7/3/2008<br>0.592   | 12/3/1994<br>0.588  | 12/30/1978<br>0.582 | 12/13/2008<br>0.581 | 6/23/2009<br>0.575   | 1/1/2014<br>0.575    |
| 9412110        | Port San Luis, CA<br>(since 1945)         | 1/18/1973<br>0.708   | 1/10/2005<br>0.707   | 1/27/1983<br>0.687   | 8/8/1983<br>0.656    | 1/9/1978<br>0.647   | 1/8/1974<br>0.647   | 12/23/2003<br>0.635 | 1/25/1948<br>0.632  | 1/8/1970<br>0.632    | 11/29/1970<br>0.632  |
| 9413450        | Monterey, CA<br>(since 1973)              | 1/27/1983<br>0.775   | 1/10/2005<br>0.712   | 12/24/2003<br>0.674  | 1/9/1978<br>0.662    | 11/30/1982<br>0.656 | 2/7/1978<br>0.650   | 1/17/1988<br>0.641  | 12/30/1982<br>0.614 | 12/31/2005<br>0.605  | 1/10/2001<br>0.604   |
| 9414290        | San Francisco, CA<br>(since 1897)         | 1/27/1983<br>0.860   | 12/3/1983<br>0.857   | 2/6/1998<br>0.774    | 1/8/2005<br>0.701    | 1/16/1973<br>0.696  | 12/24/2003<br>0.694 | 12/31/2005<br>0.686 | 1/10/2001<br>0.678  | 11/30/1982<br>0.650  | 1/9/1978<br>0.635    |
| 9414750        | Alameda, CA<br>(since 1939)               | 12/3/1983<br>0.930   | 1/27/1983<br>0.878   | 2/6/1998<br>0.769    | 1/18/1973<br>0.722   | 1/8/2005<br>0.719   | 12/31/2005<br>0.702 | 11/30/1982<br>0.680 | 12/24/2003<br>0.678 | 1/9/1978<br>0.661    | 1/9/1970<br>0.661    |



## Top Ten Highest Water Levels for long-term stations in meters above MHHW (as of 4/2017)

\* --- Inferred Level

& --- Last Recorded Level

# --- High Water Mark

| Station Number | Station Name                      | First                 | Second              | Third               | Fourth              | Fifth               | Sixth               | Seventh             | Eighth              | Ninth               | Tenth               |
|----------------|-----------------------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 9415020        | Point Reyes, CA<br>(since 1975)   | 2/6/1998<br>0.846     | 12/3/1983<br>0.822  | 1/26/1983<br>0.816  | 2/5/1978<br>0.816   | 1/7/2005<br>0.785   | 1/9/1978<br>0.785   | 12/23/2003<br>0.767 | 1/1/2006<br>0.740   | 3/20/2011<br>0.681  | 12/11/1993<br>0.660 |
| 9419750        | Crescent City, CA<br>(since 1933) | 1/29/1983<br>1.155    | 2/4/1958<br>0.987   | 12/30/2005<br>0.980 | 2/7/1978<br>0.957   | 1/8/1959<br>0.957   | 1/9/1978<br>0.926   | 12/29/1951<br>0.926 | 1/18/1973<br>0.896  | 1/24/1967<br>0.896  | 12/24/2003<br>0.895 |
| 9432780        | Charleston, OR<br>(since 1970)    | 1/26/1983<br>1.085    | 1/1/2006<br>1.077   | 2/7/1978<br>1.027   | 12/24/2003<br>1.011 | 1/9/1978<br>0.969   | 11/30/1982<br>0.887 | 11/13/1981<br>0.884 | 1/10/2001<br>0.883  | 12/10/1996<br>0.883 | 1/2/2003<br>0.878   |
| 9435380        | South Beach, OR<br>(since 1967)   | 12/11/1969<br>1.192   | 12/31/2005<br>1.095 | 1/26/1983<br>1.057  | 12/24/2003<br>1.029 | 12/10/2015<br>1.005 | 12/2/1967<br>0.978  | 2/7/1978<br>0.948   | 12/15/1970<br>0.948 | 1/15/1971<br>0.948  | 12/2/1998<br>0.926  |
| 9439040        | Astoria, OR<br>(since 1925)       | 1/27/1983<br>1.145    | 12/17/1933<br>1.145 | 1/1/2006<br>1.142   | 12/10/2015<br>1.085 | 11/14/1981<br>1.084 | 12/2/1967<br>1.054  | 12/18/1941<br>1.054 | 12/24/2003<br>1.044 | 2/7/1978<br>1.041   | 12/2/1998<br>1.031  |
| 9440910        | Toke Point, WA<br>(since 1968)    | 11/14/1981<br>1.673   | 2/4/2006<br>1.556   | 12/11/1973<br>1.508 | 3/3/1999<br>1.429   | 1/1/2006<br>1.391   | 12/3/2007<br>1.385  | 3/10/2016<br>1.379  | 12/3/1982<br>1.353  | 12/1/2001<br>1.313  | 1/2/2003<br>1.308   |
| 9443090        | Neah Bay, WA<br>(since 1934)      | 11/30/1951<br>* 1.324 | 12/11/1969<br>1.263 | 12/18/1941<br>1.232 | 12/29/1951<br>1.202 | 1/27/1983<br>1.186  | 11/14/1981<br>1.177 | 12/11/1973<br>1.171 | 1/2/2003<br>1.144   | 1/1/2006<br>1.141   | 12/24/2003<br>1.127 |
| 9444090        | Port Angeles, WA<br>(since 1975)  | 1/2/2003<br>1.051     | 12/31/2005<br>0.957 | 1/27/1983<br>0.942  | 2/4/2006<br>0.912   | 12/24/2003<br>0.902 | 11/14/1981<br>0.900 | 12/10/2015<br>0.876 | 11/24/2011<br>0.875 | 1/5/1978<br>0.863   | 11/22/1988<br>0.836 |
| 9444900        | Port Townsend, WA<br>(since 1972) | 12/16/1982<br>0.945   | 1/27/1983<br>0.914  | 12/9/1987<br>0.896  | 2/4/2006<br>0.871   | 12/15/1977<br>0.866 | 1/3/2003<br>0.848   | 12/17/2012<br>0.841 | 1/15/1974<br>0.835  | 1/3/1987<br>0.832   | 1/1/1997<br>0.829   |
| 9447130        | Seattle, WA<br>(since 1898)       | 1/27/1983<br>0.952    | 12/17/2012<br>0.951 | 12/15/1977<br>0.946 | 2/1/1987<br>0.897   | 3/10/2016<br>0.885  | 12/5/1967<br>0.885  | 1/3/1987<br>0.882   | 1/3/2003<br>0.869   | 12/9/1987<br>0.851  | 2/9/1978<br>0.845   |
| 9449424        | Cherry Point, WA<br>(since 1973)  | 12/16/1982<br>1.125   | 1/27/1983<br>0.997  | 1/3/1987<br>0.985   | 2/4/2006<br>0.965   | 12/9/1987<br>0.951  | 1/3/2003<br>0.934   | 1/15/1974<br>0.896  | 12/31/2005<br>0.895 | 12/15/1977<br>0.887 | 12/24/2003<br>0.876 |
| 9449880        | Friday Harbor, WA<br>(since 1934) | 12/16/1982<br>1.034   | 1/27/1983<br>0.958  | 12/9/1987<br>0.940  | 12/30/1952<br>0.912 | 2/4/2006<br>0.906   | 12/5/1967<br>0.882  | 12/24/1968<br>0.869 | 1/3/1987<br>0.866   | 12/10/2014<br>0.863 | 12/31/2005<br>0.855 |
| 9450460        | Ketchikan, AK<br>(since 1918)     | 12/2/1967<br>1.787    | 11/21/1968<br>1.665 | 11/2/1948<br>1.665  | 11/12/1977<br>1.604 | 11/22/1984<br>1.598 | 1/29/1983<br>1.577  | 10/5/1975<br>1.574  | 12/10/1954<br>1.574 | 11/3/1994<br>1.568  | 12/20/1991<br>1.546 |
| 9451600        | Sitka, AK<br>(since 1938)         | 11/2/1948<br>1.506    | 12/2/1967<br>1.445  | 11/22/1984<br>1.402 | 12/30/1963<br>1.323 | 11/21/1968<br>1.293 | 11/24/1999<br>1.259 | 12/18/1941<br>1.232 | 11/21/1953<br>1.232 | 1/29/1983<br>1.231  | 1/4/2003<br>1.214   |
| 9452210        | Juneau, AK<br>(since 1936)        | 11/2/1948<br>2.594    | 12/18/1941<br>2.411 | 11/30/1936<br>2.381 | 11/22/1984<br>2.366 | 10/22/1945<br>2.351 | 10/21/1937<br>2.351 | 12/2/1967<br>2.320  | 11/3/1963<br>2.320  | 1/26/1944<br>2.320  | 9/15/1939<br>2.320  |





## Top Ten Highest Water Levels for long-term stations in meters above MHHW (as of 4/2017)

\* --- Inferred Level

& --- Last Recorded Level

# --- High Water Mark

| Station Number | Station Name                         | First               | Second              | Third               | Fourth              | Fifth               | Sixth               | Seventh             | Eighth              | Ninth               | Tenth               |
|----------------|--------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 9452400        | Skagway, AK<br>(since 1944)          | 10/22/1945<br>2.968 | 9/24/1953<br>2.663  | 10/14/1947<br>2.633 | 1/27/1948<br>2.572  | 11/21/1945<br>2.542 | 11/18/1952<br>2.542 | 10/15/1966<br>2.511 | 11/21/1949<br>2.511 | 10/23/1953<br>2.481 | 12/10/1954<br>2.420 |
| 9453220        | Yakutat, AK<br>(since 1940)          | 11/2/1948<br>1.919  | 12/31/1963<br>1.828 | 11/1/1963<br>1.798  | 11/18/1952<br>1.737 | 1/6/1943<br>1.737   | 12/10/1954<br>1.706 | 11/11/1981<br>1.706 | 11/13/1977<br>1.676 | 12/2/1967<br>1.676  | 10/14/1954<br>1.676 |
| 9454050        | Cordova, AK<br>(since 1964)          | 11/11/1981<br>1.488 | 1/1/1987<br>1.464   | 12/22/2003<br>1.348 | 12/30/2005<br>1.345 | 1/21/1988<br>1.336  | 11/23/1991<br>1.320 | 11/21/1972<br>1.318 | 11/3/1994<br>1.290  | 11/6/2010<br>1.286  | 11/5/2002<br>1.264  |
| 9454240        | Valdez, AK<br>(since 1973)           | 11/11/1981<br>1.496 | 1/1/1987<br>1.469   | 1/9/1986<br>1.326   | 11/3/1994<br>1.301  | 10/17/1989<br>1.298 | 11/22/1976<br>1.295 | 1/21/1988<br>1.286  | 11/21/1979<br>1.277 | 11/22/1984<br>1.255 | 12/21/1976<br>1.246 |
| 9455090        | Seward, AK<br>(since 1964)           | 1/1/1987<br>1.546   | 11/11/1981<br>1.393 | 11/21/1972<br>1.351 | 11/5/2002<br>1.323  | 1/21/1988<br>1.256  | 1/9/1986<br>1.244   | 10/24/1980<br>1.232 | 11/25/2007<br>1.231 | 11/3/1994<br>1.208  | 11/22/1984<br>1.201 |
| 9455500        | Seldovia, AK<br>(since 1964)         | 10/15/1966<br>2.311 | 11/5/2002<br>2.274  | 11/11/1981<br>2.224 | 10/23/1968<br>2.189 | 11/21/1976<br>2.173 | 11/12/1977<br>2.164 | 10/24/1980<br>2.146 | 9/15/1966<br>2.128  | 11/3/1967<br>2.128  | 11/21/1972<br>2.097 |
| 9455760        | Nikiski, AK<br>(since 1971)          | 11/21/1972<br>2.078 | 9/7/1971<br>2.048   | 11/11/1981<br>2.011 | 10/24/1980<br>2.008 | 11/22/1976<br>1.987 | 10/5/1971<br>1.987  | 11/12/1977<br>1.956 | 10/24/1976<br>1.895 | 2/26/1975<br>1.895  | 11/6/2002<br>1.889  |
| 9455920        | Anchorage, AK<br>(since 1964)        | 11/6/2002<br>1.735  | 10/8/2002<br>1.708  | 10/24/1980<br>1.654 | 3/18/1976<br>1.636  | 1/1/1987<br>1.608   | 9/19/1997<br>1.577  | 3/1/1994<br>1.575   | 10/29/2015<br>1.562 | 3/2/2010<br>1.561   | 9/29/2015<br>1.555  |
| 9457292        | Kodiak Island, AK<br>(since 1966)    | 12/2/1967<br>1.559  | 10/15/1966<br>1.528 | 10/23/1968<br>1.498 | 11/21/1968<br>1.467 | 12/31/1986<br>1.462 | 12/11/1966<br>1.437 | 11/5/2002<br>1.410  | 9/18/1966<br>1.406  | 12/10/1969<br>1.376 | 1/11/1986<br>1.370  |
| 9459450        | Sand Point, AK<br>(since 1972)       | 12/31/1986<br>1.326 | 11/5/2002<br>1.172  | 11/25/2007<br>1.14  | 12/31/2005<br>1.119 | 12/5/2006<br>1.096  | 1/9/1997<br>1.088   | 1/16/1977<br>1.052  | 1/30/2007<br>1.05   | 1/11/1986<br>1.049  | 11/17/2001<br>1.049 |
| 9461380        | Adak Island, AK<br>(since 1943)      | 12/28/1966<br>0.953 | 1/7/1985<br>0.868   | 1/26/1960<br>0.862  | 12/30/1986<br>0.859 | 2/6/1986<br>0.843   | 12/21/1991<br>0.822 | 12/18/1987<br>0.804 | 1/9/1990<br>0.804   | 1/4/1958<br>0.801   | 1/6/1951<br>0.801   |
| 9462620        | Unalaska, AK<br>(since 1934)         | 1/14/1938<br>1.128  | 1/25/1952<br>0.963  | 2/10/1953<br>0.963  | 1/27/1960<br>0.945  | 12/26/1935<br>0.914 | 12/29/1963<br>0.914 | 1/6/1951<br>0.902   | 1/16/1953<br>0.902  | 1/17/1965<br>0.884  | 1/19/1961<br>0.884  |
| 9751639        | Charlotte Amalie, VI<br>(since 1975) | 9/16/1995<br>0.893  | 9/18/1989<br>0.771  | 9/21/1998<br>0.420  | 8/30/2010<br>0.298  | 7/8/1996<br>0.275   | 11/7/1984<br>0.262  | 8/23/2012<br>0.259  | 8/28/2015<br>0.258  | 10/16/2008<br>0.256 | 11/6/2006<br>0.246  |
| 9755371        | San Juan, PR<br>(since 1962)         | 9/18/1989<br>0.844  | 9/21/1998<br>0.369  | 10/1/2015<br>0.333  | 11/6/2006<br>0.332  | 10/28/2003<br>0.329 | 10/27/1991<br>0.317 | 10/16/2012<br>0.310 | 10/11/2006<br>0.303 | 11/25/2015<br>0.302 | 8/30/2015<br>0.285  |
| 9759110        | Magueyes Island, PR<br>(since 1955)  | 8/31/1979<br>0.599  | 9/22/1998<br>0.487  | 8/24/2012<br>0.340  | 9/10/1996<br>0.290  | 8/5/1980<br>0.285   | 11/6/2006<br>0.283  | 8/23/1964<br>0.260  | 9/26/1963<br>0.260  | 9/11/1988<br>0.254  | 8/29/2015<br>0.247  |