





# TIDES : DAILY HIGH AND LOW WATERS

Station.....SAMUTSAKORN.....Month.....MAY.....Year...2017.....

| Date        | HIGH WATER  |        |            |        | Moon's<br>Phase   | Date     | LOW WATER   |        |            |        | Remark |
|-------------|-------------|--------|------------|--------|---|----------|-------------|--------|------------|--------|--------|
|             | Higher H.W. |        | Lower H.W. |        |   |          | Higher L.W. |        | Lower L.W. |        |        |
|             | Time        | Height | Time       | Height |   |          | Time        | Height | Time       | Height |        |
|             | h           | m      | meter      | h      |   |          | m           | meter  | h          | m      |        |
| 1           | 2200        | 4.41   | 0700       | 3.74   |   | 1        | 0300        | 3.09   | 1600       | 1.41   |        |
| 2           | 2330        | 4.18   | 0800       | 3.72   |   | 2        | 0400        | 3.30   | 1600       | 1.48   |        |
| 3           | -           | -      | -          | -      |    | 3        | -           | -      | 1700       | 1.58   |        |
| 4           | 0000        | 4.03   | -          | -      |   | 4        | -           | -      | 1700       | 1.90   |        |
| 5           | 0110        | 4.06   | -          | -      |   | 5        | -           | -      | 2000       | 2.00   |        |
| 6           | 0230        | 3.90   | 1400       | 2.93   |   | 6        | 0900        | 2.32   | 1950       | 2.29   |        |
| 7           | 0250        | 3.93   | 1540       | 3.33   |   | 7        | 2100        | 2.54   | 1010       | 2.09   |        |
| 8           | 0300        | 3.90   | 1630       | 3.58   |   | 8        | 2210        | 2.56   | 1100       | 1.98   |        |
| 9           | 1800        | 4.00   | 0330       | 3.74   |   | 9        | 2300        | 2.75   | 1100       | 1.84   |        |
| 10          | 1820        | 4.05   | 0445       | 3.76   |   | 10       | -           | -      | 1220       | 1.61   |        |
| 11          | 1840        | 4.14   | 0500       | 3.56   |    | 11       | 0030        | 2.62   | 1240       | 1.55   |        |
| 12          | 1930        | 4.28   | 0515       | 3.66   |   | 12       | 0040        | 2.62   | 1300       | 1.55   |        |
| 13          | 1940        | 4.31   | 0530       | 3.74   |   | 13       | 0100        | 2.84   | 1400       | 1.54   |        |
| 14          | 2050        | 4.24   | 0610       | 3.60   |   | 14       | 0200        | 2.92   | 1400       | 1.48   |        |
| 15          | 2130        | 4.32   | 0700       | 3.56   |   | 15       | 0220        | 2.97   | 1430       | 1.53   |        |
| 16          | 2300        | 4.32   | 0645       | 3.56   |   | 16       | 0300        | 3.06   | 1500       | 1.62   |        |
| 17          | 2300        | 4.16   | 0730       | 3.60   |   | 17       | 0315        | 3.04   | 1600       | 1.84   |        |
| 18          | -           | -      | -          | -      |   | 18       | -           | -      | 1530       | 1.80   |        |
| 19          | 0000        | 3.98   | -          | -      |  | 19       | -           | -      | 1500       | 1.85   |        |
| 20          | 0020        | 3.88   | -          | -      |   | 20       | -           | -      | 1630       | 1.96   |        |
| 21          | 0100        | 3.91   | -          | -      |   | 21       | -           | -      | 1730       | 2.45   |        |
| 22          | 0120        | 4.05   | 1525       | 3.00   |   | 22       | 2000        | 2.62   | 1000       | 2.22   |        |
| 23          | 0245        | 3.72   | 1530       | 3.49   |   | 23       | 2200        | 2.69   | 1030       | 1.94   |        |
| 24          | 0315        | 4.05   | 1700       | 3.80   |   | 24       | 2300        | 2.73   | 1100       | 1.67   |        |
| 25          | 1800        | 4.10   | 0320       | 3.70   |   | 25       | 2340        | 2.70   | 1200       | 1.48   |        |
| 26          | 1820        | 4.30   | 0430       | 3.62   |  | 26       | -           | -      | 1300       | 1.38   |        |
| 27          | 1920        | 4.39   | 0535       | 3.68   |   | 27       | 0050        | 2.66   | 1400       | 1.36   |        |
| 28          | 2040        | 4.47   | 0500       | 3.59   |   | 28       | 0100        | 2.86   | 1500       | 1.35   |        |
| 29          | 2120        | 4.46   | 0640       | 3.78   |   | 29       | 0200        | 3.13   | 1500       | 1.40   |        |
| 30          | 2250        | 4.40   | 0700       | 3.73   |   | 30       | 0300        | 3.28   | 1600       | 1.52   |        |
| 31          | 2320        | 4.49   | 0800       | 3.52   |   | 31       | 0430        | 3.12   | 1600       | 1.56   |        |
| Monthly     |             |        |            |        |   | Monthly  |             |        |            |        |        |
| Sum         |             | 120.43 |            | 85.99  |   | Sum      |             | 62.42  |            | 53.23  |        |
| Mean        |             |        |            |        |   | Mean     |             |        |            |        |        |
| mean MSL    |             |        |            |        |   | mean MSL |             |        |            |        |        |
| H'est HW    | =           | 4.490  |            |        |   | L'est LW | =           | 1.350  |            |        |        |
| MHHW        | =           | 4.153  |            |        |   | MLLW     | =           | 1.717  |            |        |        |
| MLHW        | =           | 3.583  |            |        |   | MHLW     | =           | 2.837  |            |        |        |
| MHW         | =           | 3.895  |            |        |   | MLW      | =           | 2.182  |            |        |        |
| M.S.L.      | =           | 2.990  |            |        |   | M.T.L.   | =           | 3.038  |            |        |        |
| MHWS        | =           | 3.959  |            |        |   | MLWS     | =           | 2.009  |            |        |        |
| MHWN        | =           | 3.966  |            |        |   | MLWN     | =           | 2.036  |            |        |        |
| Mn.sp.range | =           | 1.951  |            |        |   | Sp.range |             |        |            |        |        |
| Mn.np.range | =           | 1.930  |            |        |   | Np.range |             |        |            |        |        |
| Mn.range    | =           | 1.713  |            |        |   |          |             |        |            |        |        |