

# TIDES : DAILY HIGH AND LOW WATERS

Station.....SAMUTSAKORN.....Month.....APRIL.....Year....2016.....

| 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          | meter  | h |        |
| 1           | 0400        | 3.34   | -          | -      |   | 1               | -    | -           | 1630   | 2.11       |        |   |        |
| 2           | 0100        | 3.80   | -          | -      |   | 2               | -    | -           | 1800   | 2.24       |        |   |        |
| 3           | 0230        | 3.92   | -          | -      |   | 3               | -    | -           | 1900   | 2.20       |        |   |        |
| 4           | 0300        | 3.89   | -          | -      |   | 4               | -    | -           | 2100   | 2.11       |        |   |        |
| 5           | 0400        | 3.96   | 1600       | 3.26   |   | 5               | 1100 | 2.62        | 2200   | 2.10       |        |   |        |
| 6           | 0420        | 4.00   | 1633       | 3.64   |   | 6               | 1130 | 2.25        | 2300   | 2.12       |        |   |        |
| 7           | 0525        | 4.14   | 1720       | 3.90   | ● | 7               | -    | -           | 1200   | 2.02       |        |   |        |
| 8           | 1800        | 4.09   | 0530       | 4.02   |   | 8               | 0000 | 2.00        | 1300   | 1.80       |        |   |        |
| 9           | 1900        | 4.25   | 0600       | 4.02   |   | 9               | 0100 | 2.16        | 1340   | 1.62       |        |   |        |
| 10          | 2000        | 4.26   | 0600       | 3.98   |   | 10              | 0200 | 2.40        | 1430   | 1.49       |        |   |        |
| 11          | 2030        | 4.26   | 0700       | 3.85   |   | 11              | 0200 | 2.60        | 1500   | 1.41       |        |   |        |
| 12          | 2156        | 4.20   | 0800       | 3.72   |   | 12              | 0300 | 2.75        | 1600   | 1.45       |        |   |        |
| 13          | 2300        | 4.00   | 0800       | 3.56   |   | 13              | 0400 | 2.88        | 1630   | 1.49       |        |   |        |
| 14          | 2330        | 3.90   | 0830       | 3.49   | ☾ | 14              | 0400 | 2.97        | 1700   | 1.56       |        |   |        |
| 15          | -           | -      | -          | -      |   | 15              | -    | -           | 1700   | 1.88       |        |   |        |
| 16          | 0100        | 3.88   | -          | -      |   | 16              | -    | -           | 1800   | 2.16       |        |   |        |
| 17          | 0200        | 3.76   | -          | -      |   | 17              | -    | -           | 2020   | 2.39       |        |   |        |
| 18          | 0300        | 3.91   | 1520       | 3.08   |   | 18              | 1040 | 2.40        | 2100   | 2.32       |        |   |        |
| 19          | 0340        | 3.72   | 1700       | 3.44   |   | 19              | 2230 | 2.44        | 1130   | 2.13       |        |   |        |
| 20          | 0430        | 4.02   | 1730       | 3.87   |   | 20              | 2330 | 2.60        | 1100   | 2.11       |        |   |        |
| 21          | 0430        | 3.86   | 1800       | 3.76   |   | 21              | -    | -           | 1200   | 1.92       |        |   |        |
| 22          | 1830        | 4.05   | 0530       | 3.71   | ○ | 22              | 0000 | 2.41        | 1230   | 1.68       |        |   |        |
| 23          | 1900        | 4.22   | 0600       | 3.66   |   | 23              | 0100 | 2.48        | 1300   | 1.63       |        |   |        |
| 24          | 1930        | 4.36   | 0600       | 3.76   |   | 24              | 0100 | 2.58        | 1300   | 1.58       |        |   |        |
| 25          | 2000        | 4.11   | 0600       | 3.62   |   | 25              | 0200 | 2.77        | 1400   | 1.56       |        |   |        |
| 26          | 2045        | 4.22   | 0700       | 3.56   |   | 26              | 0220 | 2.65        | 1500   | 1.48       |        |   |        |
| 27          | 2100        | 4.15   | 0700       | 3.40   |   | 27              | 0300 | 2.80        | 1500   | 1.48       |        |   |        |
| 28          | 2200        | 4.08   | 0800       | 3.38   |   | 28              | 0400 | 2.86        | 1500   | 1.62       |        |   |        |
| 29          | 2310        | 3.97   | 0740       | 3.41   |   | 29              | 0400 | 3.04        | 1600   | 1.64       |        |   |        |
| 30          | -           | -      | -          | -      | ☾ | 30              | -    | -           | 1600   | 1.76       |        |   |        |
| 31          |             |        |            |        |   | 31              |      |             |        |            |        |   |        |
| Monthly     |             |        |            |        |   | Monthly         |      |             |        |            |        |   |        |
| Sum         |             | 112.32 |            | 80.09  |   | Sum             |      | 51.66       |        | 55.06      |        |   |        |
| Mean        |             |        |            |        |   | Mean            |      |             |        |            |        |   |        |
| mean MSL    |             |        |            |        |   | mean MSL        |      |             |        |            |        |   |        |
| H'est HW    | =           | 4.360  |            |        |   | L'est LW        | =    | 1.410       |        |            |        |   |        |
| MHHW        | =           | 4.011  |            |        |   | MLLW            | =    | 1.835       |        |            |        |   |        |
| MLHW        | =           | 3.640  |            |        |   | MHLW            | =    | 2.583       |        |            |        |   |        |
| MHW         | =           | 3.848  |            |        |   | MLW             | =    | 2.134       |        |            |        |   |        |
| M.S.L.      | =           | 2.997  |            |        |   | M.T.L.          | =    | 2.991       |        |            |        |   |        |
| MHWS        | =           | 3.965  |            |        |   | MLWS            | =    | 2.018       |        |            |        |   |        |
| MHWN        | =           | 2.383  |            |        |   | MLWN            | =    | 1.491       |        |            |        |   |        |
| Mn.sp.range | =           | 1.947  |            |        |   | Sp.range        |      |             |        |            |        |   |        |
| Mn.np.range | =           | 0.892  |            |        |   | Np.range        |      |             |        |            |        |   |        |
| Mn.range    | =           | 1.714  |            |        |   |                 |      |             |        |            |        |   |        |