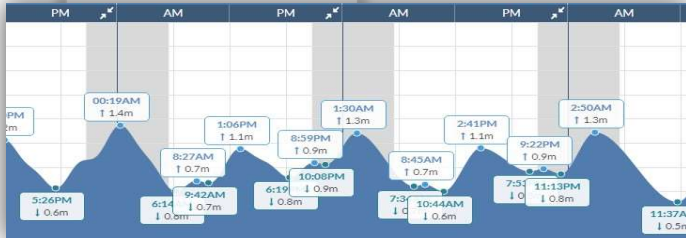
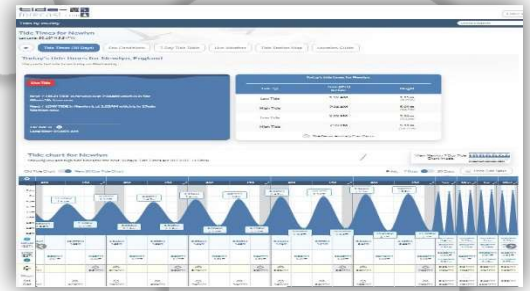


TIDE CLOCKS

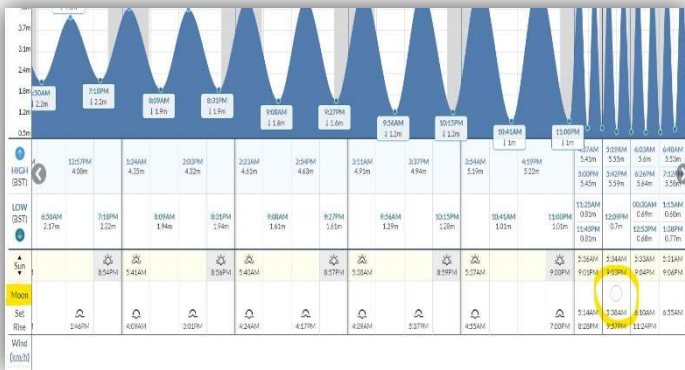
How Do I Set My Tide Clock?

The best way to set your tide clock is to first check that the tide at the location you have chosen is suitable, i.e. 2 high and low tides per day, averaging out to the 12 hours 25 minutes a cycle. Head over to Tide Forecast (<https://www.tide-forecast.com/>) and review the location being considered for tracking the tide.



Once on the site and a location has been entered, scroll down to the tide pattern graphic and check out how regular the tide is. If it looks like opposite - (Weymouth), you might want to think again. This type of pattern is not best suited to work with a tide clock

Ideally, you want your chosen location to experience an even and regular tide with two highs and two lows per day like shown opposite:



The next factor to consider before setting your clock is whereabouts in the lunar cycle you currently are. Ideally a Tide clock should be set when a full moon is occurring, but the next best option is when a new moon is occurring, as the coefficient of the tide is highest around these times, which gives the clock the best chance at being accurately set. To know what the moon phase is, or to find out when the phase will be a full or new moon, checkout the lower rows in the tide tables at Tide-Forecast.com (Example opposite).

So hopefully we are now at the point when the time is right, and the place is right, and all we have to do is wait for the 1st high tide occurring after the full moon (or new moon), set the dial pointer to top dead position (equivalent to 12 o'clock on a standard clock), and put the battery in. However, if that tide occurs in the middle of the night, don't worry, just use the next High Tide as the difference in coefficient will be very minimal and will not make a noticeable difference in the grand scheme of things. We recommend that the clock is checked and corrected every 3 months (or 3 lunar cycles to be more accurate) to remove errors from other considerations that do not get factored into the 24 hr 50 min and 14 sec cycle.

IMPORTANT NOTE -

As we have already seen in one of the graphs above, how the synchronisation of the clock to the real tide moves back and forward throughout the cycle, this means you should not adjust your clock because it did not match the exact time of a high or low tide. as this error will be corrected automatically throughout the month if left.

If you do adjust your clock, make sure it is only on either a New Moon or Full Moon and following the instructions above, to avoid introducing errors that will put the clock too far out of synchronisation to the tide pattern being tracked.