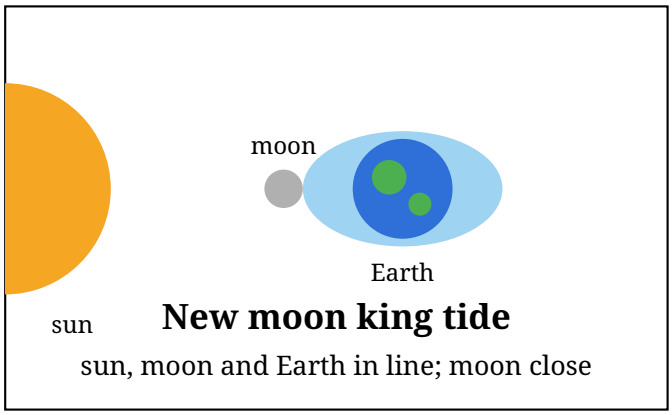
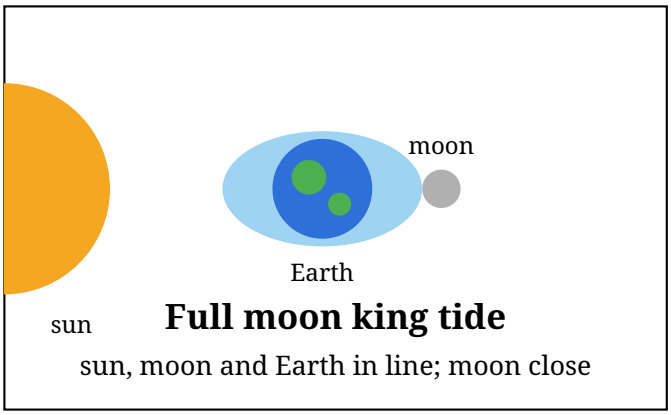
King Tides

The highest tides of the year



New moon king tide

sun, moon and Earth in line; moon close



Full moon king tide

sun, moon and Earth in line; moon close

The moon pulls on the ocean, and so does the sun. When they line up with the Earth, and the moon is at its closest, the pull is strongest. The sea climbs higher up the shore than on almost any other day. The light blue shows the water pulled into a bulge.

My King Tide Watch

Date: _____ Place: _____

Time of high tide: _____ The moon tonight: ◯ (draw its shape)

Draw the same spot twice. Where did the water reach?

A normal high tide

The king tide

What did the water cover at the king tide?

_____

_____

Watch from a safe, dry spot with a grown-up. Never walk or drive through flood water.

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