Tides

The rise and fall of the ocean waters is caused by the gravitational pull of the moon.

Direct High Tides

happen when waters facing the moon are drawn toward the moon.

Indirect High Tides

happen when Water bulging on the opposite side of the Earth

Low Tides

happen when waters are drawn away from the sides of the Earth.

There are 2 high tides and 2 low tides per day

Spring Tides

happen when the gravity of the sun and the moon are pulling together.

Tides are strongest and highest at the new moon and full moon.

Neap Tides

happen when the sun and moon are at 90° angles

Tides are lowest at the quarter moon