

Vocabulary

Study the vocabulary words and definitions below.

diurnal tide a tide that has one high-water level and one low-water level per day

ebb tide water level or tide at its lowest point

estuary mouth of a river or bay where fresh water and saltwater mix; the part of the river where its current meets the ocean's tide

flood tide tide at its highest point

intertidal zone the area between high tide and low tide; also called the *littoral zone*

marigram a graphic record of the rise and fall of the tide in the form of a curve

mixed tide a tide that has two high-water levels and two low-water levels per day with extreme differences between the heights of the two high and/or the two low-water heights

nadir the point on Earth's surface farthest from the moon

neap tide tide occurring at the first and third quarters of the moon when the sun, Earth, and moon form a right angle; this produces tides with a low tidal range

phase a stage in a process of change or development; may occur in regular cycles

Vocabulary

predict	to tell in advance
rhythm	movement with regular recurrence or repetition
semidiurnal tide	a tide that has two high-water levels and two low-water levels per day with little difference between high- and low-water heights
spring tide	tides occurring at the new and full moon when the sun and moon are in a straight line with each other; produces the greatest tidal ranges between high water and low water
tidal bore	a sudden rise in water height caused by tides moving rapidly inland from the mouth of a river; a wall of water
tidal bulge	a concentration of water due to the pull of the moon; occurs on the two sides of the Earth closest to and farthest away from the moon
tidal range	difference between heights of successive high and low waters
tide	the rhythmic rise and fall of ocean water
tide pools	pockets of water formed on uneven shores by outgoing tides
zenith	the point on Earth's surface closest to the moon