PREDICTIONS FOR SHORE WAVE MOTIONS FOR FEBURARY-MARCH 2026
AT FORT STEVENS STATE PARK ASTORIA

These events are centered around the moon's orbit. Echoes from the moon, the events are calculated with moon bounce software. The events form different types of ocean waves and leave patterns in the sand. Look for soliton water waves also. Below are some of the dates for some of the strongest events.

Events are times of stirring water, and sand pools, and may last for several hours. Zero points occur 6 hours later and are when the Doppler shift passes through the zero point.

FEB: Wed 4th @ 7:30am Major-Minor Tide: High 3am 9ft. Low 9am 1.7ft

Sat 21st @ 9:30am Major, Low Tide 10am .6ft

Wed 25th @ 1:30pm Major, Tide High 6:30am 9ft Low 3:30pm .7ft

Thurs 26th Major-minor (Positive Doppler) 2:30pm Tide High 8am 8ft Low 3:45pm .3ft

Fri 27th Major Positive 5pm High 9:20am 8.8ft

Sat 28th Major Negative 4pm High 9.1ft Low 5:40pm -.5ft

MARCH: Sun March 1st Major Positive 5pm Tide High 11:30 am 9ft Low 6:30pm

Mon 2nd Master-Major Negative 5:30am & 6pm Tide High 12:20pm 9.1ft Low 7pm .6ft
The above changes from negative to positive Doppler
Wed 3rd

Wed 4th Master-Major Negative 5:30am Tide Low 8am High 2pm

Date schedules at SynodicGravity.com

If the tide is going out, you may find this.
Otherwise, it will be hidden under the surf.

PREDICTIONS FOR SHORE WAVE MOTIONS FOR FORT STEVENS STATE PARK HAMMOND OREGON

Astronomy software is incorporated to calculate the timing of the phenomenon.

HYPOTHESIS: Topocentric Doppler shifted gravity waves from the moon influence ocean shore water wave motions. During these times ocean waves form that are different than normal waves.

The predictions are calculated using earth-moon-earth (EME) radio-wave topocentric echo data. Topocentric is the distance to the moon calculated from a point where you are standing on the earth. The topocentric distance changes with the earth's 24-hour rotation and the latitude longitude position.

This schedule of events pertains only to latitude: 46.19 N. longitude: 123.96 W. (Hammond Or.)

DWELL: Where the moon distance briefly stops separating from your position. Stirring water and sand pools may occur.

ZERO CROSSING, (6 hours after the dwell) is where the moon's separation topocentric velocity passes from positive to negative. During the zero crossing, the normal wave motion nearly stops, and the sound of the surf diminishes for a brief time.

There are several categories of Dwells: Minor, Semi-Minor, Major-minor and, Exceptionally Major, or Major-Major.

Wave motions from the events may leave patterns in the sand.
The predictions shown here only apply to the moon's orbit. The earth's orbit adds another factor. The event may be related to rust forming on the moon.

SynodicGravity.com