



Shaktoolik Potential Storm Impacts

Coastal Flood Warning

IMPACTS:

- Waves will push water higher than the normal high tide line on the beach side of town
- Materials near the coastline and near the shore of the lagoon should be brought to higher ground
- Significant erosion will occur
- The fresh water intake will be flooded with salt water
- The airport may be inundated

What to Expect:

Water levels: 10-14 feet above the normal highest tide line

Timing: The highest water levels will occur Saturday evening.

Winds: South winds 40 to 50 mph with gusts up to 80 mph possible



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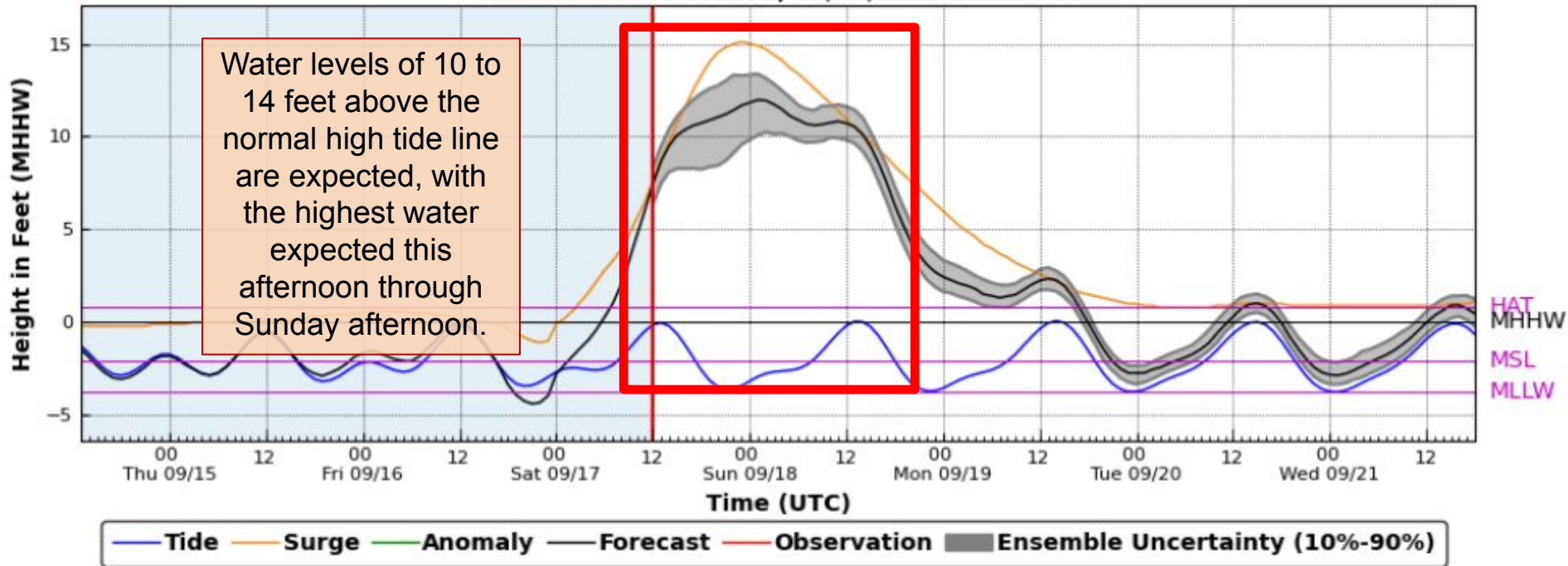
Orange is the anticipated area of inundation for water levels of 12 ft above the normal high tide line. This does not account for wave run-up.

This map or figure was prepared in cooperation with the Alaska Division of Geological & Geophysical Surveys with funding from the Alaska Ocean Observing Systems. Elevation data on the map are derived from digital surface models. Temporal changes, human or naturally induced, may have occurred that will cause the elevations depicted on these map figures to no longer represent actual surface conditions. These maps illustrate elevation and are not intended for use in the definition of flood zones. Flood levels are not perfectly flat and will not directly correspond to specific elevations. Vertical and horizontal accuracies vary by location.



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Shaktoolik AK 9468691, 09/17/2022 18:03 UTC





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See the NWS webpage for the latest forecasts
www.weather.gov/fairbanks

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Local forecast by
7:45u APT on 08/08/2014

Enter location: (GO)

Location help

News Headlines

- Fairbanks October 2017 Climate Summary
- Learn more about what the National Weather Service is and what we do to support you!
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NWS Forecast Office : Fairbanks, AK

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Weather Forecast Office

Current Hazards | Current Conditions | Radar | Forecasts | Rivers and Lakes | Climate and Past Weather | Local Programs

Quick Zoom: Alaska Statewide | Southcentral | Fairbanks | Western | Central/Northern | Juneau/Southeast | Disable Mouse Scroll

Land Hazards

- Warning
- Watch
- Advisory
- Special Wx

Marine Hazards

- Heavy Fog Spotty
- Heavy Fog
- Small Craft Adv.

Hover over a zone

Cities: (GO) | Legend: (GO) | Off

marine updated Thu 10/08/2014 1:00
radar updated Thu 10/08/2014 1:00

Alaska IV Weather Maps | Satellite (GOES) | Satellite (GOES) | Radar | Graphical Forecast | Graphical Forecast

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Storm and flooding observations can be submitted here. They will immediately alert a forecaster at our office in Fairbanks.

- Please contact National Weather Service 24/7 with any questions or observations:

- Phone: (907) 458-3708
- Email: fairbanks.weather@noaa.gov
- Please take photos or video of flooded areas. This will help improve our forecasts for your community.