



Shishmaref Potential Storm Impacts

Coastal Flood **Warning**

IMPACTS:

- The airstrip will be impacted
- Water will inundate many buildings on the inlet side of town including the clinic, library, and water treatment plant
- Wave run-up from the coast will inundate buildings near the sewage lagoon

What to Expect:

Water levels: 5-7 feet above the normal high tide line.

Timing: The highest water levels will occur late this evening into early morning Sunday.

Winds: Southeast winds 35 to 45 mph gusting to 65 mph with peaking today and then decreasing.

- Significant erosion is likely



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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changes, human or naturally induced, may have occurred that will cause the elevations depicted on these map figures to no longer represent actual surface conditions.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.

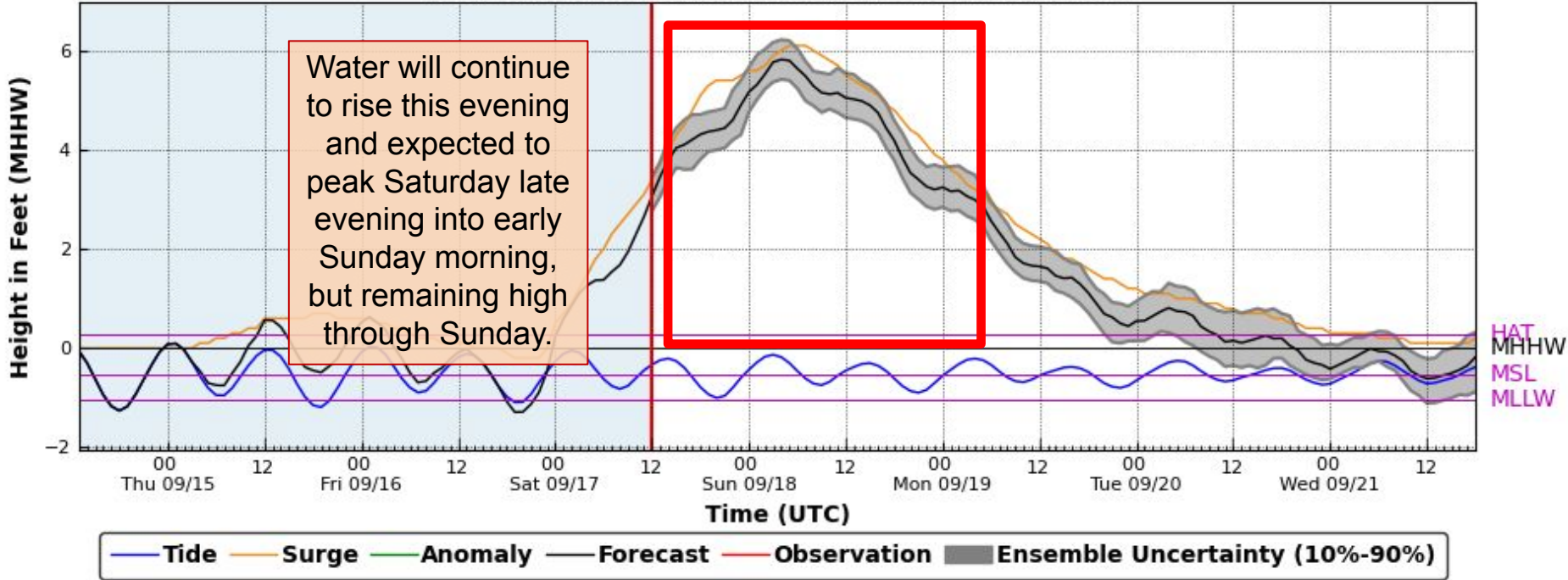


Orange is the anticipated area of inundation for water levels of 7ft above the normal highest tide line. This does not account for wave run-up.



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Shishmaref Inlet 2 AK 9469854, 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
7:45 AM APT on 08/08/2014

Enter location: [GO]
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Weather.gov : Fairbanks, AK

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Land Hazards
- Warning
- Watch
- Advisory
- Special Wx

Marine Hazards
- Heavy Fog Spotty
- Heavy Fog
- Squalls
- Storm Warning
- Gale Warning
- Small Craft Adv.

Hover over a zone

Cities: [GO] [OFF] Legend: [GO] [OFF]
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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.