Storm Analysis

As of 10/09/2015 04:00 AKDT, water levels across southeast Alaska from Ketchikan to Cordova continue to slowly rise and are slightly elevated above normal tide levels. Water levels are measuring about 0.3 to 0.9 feet above tidal predictions at these locations with the exception of Skagway which is only slightly above normal tide levels. Winds have risen a bit over the past few hours at Ketchikan and Port Alexander as the remnants of Oho approaches from the south. Gusts to 25 kts have been measured at Ketchikan, though sustained winds still remain below 15 kts.
Barometric pressure is falling across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: PFF

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SELECT NWS OCEAN PREDICTION CENTER ADVISORY INFORMATION:

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

NOAA/NOS/CO-OPS 9450460 Ketchikan, AK

Last Observed Sample: 10/09/2015 01:30 (AKDT). Data relative to MHHW

Observed: -4.70 ft. Predicted: -5.66 ft. Residual: 0.96 ft.

Historical Maximum Water Level: Dec 2 1967, 5.86 ft.

Next High Tide: 10/09/2015 11:35 (AKDT), -1.07 ft.

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Last Observed Sample: 10/09/2015 01:30 (AKDT)

Wind Speed: 14 knots  Gusts: 31 knots  Direction: 111° T
NOAA/NOS/CO-OPS 9450460 Ketchikan, AK

Barometric Pressure

Last Observed Sample: 10/09/2015 01:30 (AKDT)

Barometric Pressure: 994.2 mb

NOAA/NOS/CO-OPS 9451054 Port Alexander, AK

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 10/09/2015 01:36 (AKDT). Data relative to MHHW


Historical Maximum Water Level: Dec 23 2007, 4.02 ft.

Next High Tide: 10/09/2015 11:49 (AKDT), -0.94 ft.
NOAA/NOS/CO-OPS 9451054 Port Alexander, AK

Wind Speed / Gusts / Direction

Wind Speed: 4 knots  
Gusts: 10 knots  
Direction: 6° T

Barometric Pressure: 992.6 mb
NOAA/NOS/CO-OPS 9451600 Sitka, AK

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 10/09/2015 01:36 (AKDT). Data relative to MHHW

Predicted Tide
Observed WL
(MHHW)
(Obs-Pred)

Observed: -2.93 ft. Predicted: -3.60 ft. Residual: 0.67 ft.
Historical Maximum Water Level: Nov 2 1948, 4.94 ft.
Next High Tide: 10/09/2015 11:44 (AKDT), -0.80 ft.

NOAA/NOS/CO-OPS 9452210 Juneau, AK

Preliminary Water Level, relative to Mean Higher High Water (MHHW)

Last Observed Sample: 10/09/2015 01:36 (AKDT). Data relative to MHHW

Predicted Tide
Observed WL
(MHHW)
(Obs-Pred)

Observed: -4.16 ft. Predicted: -4.91 ft. Residual: 0.75 ft.
Historical Maximum Water Level: Nov 2 1948, 8.51 ft.
Next High Tide: 10/09/2015 12:05 (AKDT), -1.02 ft.
Post-tropical Storm OHO QuickLook, POSTED 04:00 AKDT 10/09/2015

NOAA/NOS/CO-OPS 9452210 Juneau, AK

Last Observed Sample: 10/09/2015 01:36 (AKDT)
Wind Speed: 3 knots  Gusts: 6 knots  Direction: 122° T
Barometric Pressure: 996.5 mb

This data type is not currently available from this station.
NOAA/NOS/CO-OPS 9452634 Elfin Cove, AK

Last Observed Sample: 10/09/2015 01:30 (AKDT). Data relative to MHHW


Next High Tide: 10/09/2015 11:47 (AKDT), -1.02 ft.

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Last Observed Sample: 10/09/2015 01:30 (AKDT)

Barometric Pressure: 994.7 mb
NOAA/NOS/CO-OPS 9452400 Skagway, AK

Last Observed Sample: 10/09/2015 01:36 (AKDT). Data relative to MHHW

Observed: -4.68 ft. Predicted: -4.78 ft. Residual: 0.10 ft.

Historical Maximum Water Level: Oct 22 1945, 9.74 ft.

Next High Tide: 10/09/2015 12:06 (AKDT), -1.18 ft.

Post-tropical Storm OHO QuickLook, POSTED 04:00 AKDT 10/09/2015

Barometric Pressure: 997.5 mb
NOAA/NOS/CO-OPS 9453220 Yakutat, Yakutat Bay, AK

Last Observed Sample: 10/09/2015 01:30 (AKDT). Data relative to MHHW
Observed: -2.70 ft. Predicted: -3.02 ft. Residual: 0.32 ft.
Historical Maximum Water Level: Mar 28 1964, 7.00 ft.
Next High Tide: 10/09/2015 12:02 (AKDT), -0.77 ft.

NOAA/NOS/CO-OPS 9453220 Yakutat, Yakutat Bay, AK

Barometric Pressure

Last Observed Sample: 10/09/2015 01:30 (AKDT)
Barometric Pressure: 996.6 mb
Last Observed Sample: 10/09/2015 01:30 (AKDT). Data relative to MHHW
- Next High Tide: 10/09/2015 12:19 (AKDT), -0.80 ft.

Wind Speed: 4 knots  Gusts: 11 knots  Direction: 109° T
<table>
<thead>
<tr>
<th>Station ID</th>
<th>Station Name</th>
<th>Date/Time</th>
<th>Observed Water Level</th>
<th>Predicted Tide</th>
<th>Residual Water Level</th>
<th>24 Hour Maximum Storm Tide</th>
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<tbody>
<tr>
<td>9450460</td>
<td>Ketchikan, AK</td>
<td>10/09/2015 01:30 (AKDT)</td>
<td>-4.70 ft</td>
<td>-5.66 ft</td>
<td>0.96 ft</td>
<td>-1.08 ft</td>
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<td>9451054</td>
<td>Port Alexander, AK</td>
<td>10/09/2015 01:36 (AKDT)</td>
<td>-3.32 ft</td>
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<td>Elfin Cove, AK</td>
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<td>-1.58 ft</td>
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<tr>
<td>9453220</td>
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<td>10/09/2015 01:30 (AKDT)</td>
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<td>Cordova, AK</td>
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