Storm Analysis
As of 05/28/2018 23:00 CDT, water levels across the eastern Gulf of Mexico from southeastern Louisiana to Florida are beginning to return to normal tide levels but remain above tidal predictions.

Due to a software issue, water levels at 8729210 Panama City Beach, FL, which is just to the east of where Alberto made landfall, are unable to be included in QuickLook. Real-time water level data along with links to the latest
meteorological observations including winds and barometric pressure can be found here.

Winds from Panama City to Tampa Bay, FL are decreasing but still range between 10 and 20 knots with slightly higher gusts.

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) issues a new tropical storm or hurricane warning for the U.S. or its territories.

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 real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: PFF

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Select National Hurricane Center Advisory Information:

Subtropical Depression Alberto Advisory Number 16
NWS National Hurricane Center Miami FL AL012018
1000 PM CDT Mon May 28 2018

...ALBERTO WEAKENS TO A DEPRESSION...
...THREAT OF HEAVY RAINS CONTINUES...

SUMMARY OF 1000 PM CDT...0300 UTC...INFORMATION
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LOCATION...31.4N 86.2W
ABOUT 50 MI...80 KM WNW OF DOTHAN ALABAMA
MAXIMUM SUSTAINED WINDS...35 MPH...55 KM/H
PRESENT MOVEMENT...N OR 350 DEGREES AT 12 MPH...19 KM/H
MINIMUM CENTRAL PRESSURE...996 MB...29.42 INCHES

WATCHES AND WARNINGS
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CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning from the Aucilla River to the Okaloosa/Walton County line has been discontinued.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

There are no coastal watches or warnings in effect.

DISCUSSION AND OUTLOOK
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At 1000 PM CDT (0300 UTC), the center of Subtropical Depression Alberto was located near latitude 31.4 North,
longitude 86.2 West. The depression is moving toward the north near 12 mph (19 km/h) A faster northward to north-northwestward motion is expected during the next few days. On the forecast track, the center of Alberto will move over Alabama later tonight and early Tuesday. The system is forecast to move over the Tennessee Valley on Tuesday and into the Ohio Valley and Great Lakes region on Wednesday and Thursday.

Maximum sustained winds have decreased to near 35 mph (55 km/h) with higher gusts. Continued weakening is forecast as Alberto moves farther inland, and the system is expected to degenerate into a remnant low by Tuesday evening.

The estimated minimum central pressure is 996 mb (29.42 inches).

HAZARDS AFFECTING LAND

RAINFALL: Alberto is expected to produce 2 to 6 inches of rain from Alabama to the western Great Lakes and from northern Florida to the mid Atlantic coast through Wednesday. Isolated maximum totals of 12 inches are possible over the Florida Panhandle and Alabama. These rains may produce flooding and flash flooding.

SURF: Swells generated by Alberto will continue to affect the eastern and northern Gulf Coast through Tuesday. These swells are likely to cause life-threatening surf and rip current conditions. For more information, consult products from your local weather office.

NEXT ADVISORY

Next intermediate advisory at 100 AM CDT.
Next complete advisory at 400 AM CDT.

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Forecaster Pasch

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.
Last Observed Sample: 05/28/2018 22:36 (CDT). Data relative to MHHW

- Observed: 0.06 ft.
- Predicted: -1.18 ft.
- Residual: 1.24 ft.

Next High Tide: 05/29/2018 09:35 (CDT), 0.18 ft.

Wind Speed: 19 knots
Gusts: 24 knots
Direction: 197° T
NOAA/NOS/CO-OPS 8729108 Panama City, FL

Barometric Pressure

<table>
<thead>
<tr>
<th>Time</th>
<th>Pressure (mb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/27</td>
<td>1012</td>
</tr>
<tr>
<td>05/28</td>
<td>998</td>
</tr>
<tr>
<td>05/29</td>
<td>1005.0 mb</td>
</tr>
</tbody>
</table>

Last Observed Sample: 05/28/2018 22:36 (CDT)
Barometric Pressure: 1005.0 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Height in Feet (MHHW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/27</td>
<td>0.13 ft.</td>
</tr>
<tr>
<td>05/28</td>
<td>-1.75 ft.</td>
</tr>
<tr>
<td>05/29</td>
<td>1.88 ft.</td>
</tr>
</tbody>
</table>

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.
Next High Tide: 05/29/2018 06:19 (EDT), -0.21 ft.
Wind Speed / Gusts / Direction

Last Observed Sample: 05/28/2018 23:42 (EDT)
Wind Speed: 17 knots Gusts: 21 knots Direction: 212° T

Barometric Pressure

Last Observed Sample: 05/28/2018 23:42 (EDT)
Barometric Pressure: 1006.7 mb
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

Last Observed Sample: 05/28/2018 23:42 (EDT). Data relative to MHHW.
- Observed: -0.40 ft.
- Predicted: -2.18 ft.
- Residual: 1.78 ft.
- Next High Tide: 05/29/2018 02:52 (EDT), -0.39 ft.

Last Observed Sample: 05/28/2018 23:42 (EDT). Wind Speed: 18 knots
Gusts: 24 knots Direction: 172° T
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

Barometric Pressure

Last Observed Sample: 05/28/2018 23:42 (EDT)
Barometric Pressure: 1009.3 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

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

Last Observed Sample: 05/28/2018 22:30 (CDT). Data relative to MHHW
Observed: -0.22 ft. Predicted: -1.35 ft. Residual: 1.13 ft.
Historical Maximum Water Level: Sep 20 1926, 7.41 ft.
Next High Tide: 05/29/2018 10:45 (CDT), 0.32 ft.
NOAA/NOS/CO-OFS 8729840 Pensacola, FL

Wind Speed / Gusts / Direction

Last Observed Sample: 05/28/2018 22:30 (CDT)
Wind Speed: 6 knots Gusts: 9 knots Direction: 277° T

NOAA/NOS/CO-OFS 8729840 Pensacola, FL

Barometric Pressure

Last Observed Sample: 05/28/2018 22:30 (CDT)
Barometric Pressure: 1003.4 mb
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

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

Last Observed Sample: 05/28/2018 22:36 (CDT). Data relative to MHHW

Observed: -0.24 ft. Predicted: -1.25 ft. Residual: 1.01 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 05/29/2018 10:17 (CDT), 0.24 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Wind Speed / Gusts / Direction

Last Observed Sample: 05/28/2018 22:36 (CDT)

Wind Speed: 6 knots Gusts: 8 knots Direction: 256° T
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Barometric Pressure

Data:
- Last Observed Sample: 05/28/2018 22:36 (CDT)
- Barometric Pressure: 1005.5 mb

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL

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

Data:
- Last Observed Sample: 05/28/2018 22:36 (CDT)
- Data relative to MHHW
- Observed: -0.74 ft. Predicted: -1.59 ft. Residual: 0.85 ft.
- Next High Tide: 05/29/2018 11:34 (CDT), -0.03 ft.
Wind Speed / Gusts / Direction

Last Observed Sample: 05/28/2018 22:36 (CDT)

Wind Speed: 2 knots  Gusts: 3 knots  Direction: 300° T

Barometric Pressure

Last Observed Sample: 05/28/2018 22:36 (CDT)

Barometric Pressure: 1004.5 mb
NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

Last Observed Sample: 05/28/2018 22:30 (CDT). Data relative to MHHW
Observed: -0.35 ft. Predicted: -1.32 ft. Residual: 0.97 ft.
Next High Tide: 05/29/2018 09:47 (CDT), 0.21 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Last Observed Sample: 05/28/2018 22:42 (CDT). Data relative to MHHW
Observed: -0.66 ft. Predicted: -1.58 ft. Residual: 0.92 ft.
Historical Maximum Water Level: Sep 1, 2008, 9.10 ft.
Next High Tide: 05/29/2018 11:44 (CDT), 0.26 ft.
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Wind Speed / Gusts / Direction

Last Observed Sample: 05/28/2018 22:42 (CDT)
Wind Speed: 5 knots  Gusts: 8 knots  Direction: 285° T

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Barometric Pressure

Last Observed Sample: 05/28/2018 22:42 (CDT)
Barometric Pressure: 1005.6 mb
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

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

Last Observed Sample: 05/28/2018 22:42 (CDT). Data relative to MHHW

- Observed: -0.11 ft. Predicted: -1.46 ft. Residual: 1.35 ft.
- Next High Tide: 05/29/2018 14:07 (CDT), 0.12 ft.

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

Wind Speed / Gusts / Direction

Last Observed Sample: 05/28/2018 22:42 (CDT)

Wind Speed: 10 knots  Gusts: 11 knots  Direction: 350° T
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

Barometric Pressure

<table>
<thead>
<tr>
<th>Pressure (mb)</th>
</tr>
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<tbody>
<tr>
<td>1012</td>
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<td>1010</td>
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</tr>
<tr>
<td>1002</td>
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<tr>
<td>1000</td>
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<tr>
<td>998</td>
</tr>
</tbody>
</table>

Last Observed Sample: 05/28/2018 22:42 (CDT)
Barometric Pressure: 1006.3 mb

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA

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

<table>
<thead>
<tr>
<th>Height in Feet (MHHW)</th>
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</thead>
<tbody>
<tr>
<td>2.0</td>
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<tr>
<td>-0.5</td>
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<tr>
<td>-1.0</td>
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<tr>
<td>-1.5</td>
</tr>
</tbody>
</table>

Last Observed Sample: 05/28/2018 22:36 (CDT). Data relative to MHHW
Observed: 0.39 ft. Predicted: -0.95 ft. Residual: 1.34 ft.
Historical Maximum Water Level: Aug 29 2005, 5.54 ft.
Next High Tide: 05/29/2018 08:23 (CDT), 0.26 ft.
NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA

Wind Speed / Gusts / Direction

Last Observed Sample: 05/28/2018 22:36 (CDT)
Wind Speed: 12 knots Gusts: 15 knots Direction: 280° T

Barometric Pressure

Last Observed Sample: 05/28/2018 22:36 (CDT)
Barometric Pressure: 1007.4 mb
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

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

Last Observed Sample: 05/28/2018 23:36 (EDT). Data relative to MHHW
Observed: 0.08 ft. Predicted: -0.89 ft. Residual: 0.97 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.
Next High Tide: 05/29/2018 01:00 (EDT), -0.72 ft.

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NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Wind Speed / Gusts / Direction

Last Observed Sample: 05/28/2018 23:36 (EDT)
Wind Speed: 12 knots Gusts: 17 knots Direction: 159° T
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Barometric Pressure

Last Observed Sample: 05/28/2018 23:36 (EDT)
Barometric Pressure: 1011.4 mb

NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL

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

Last Observed Sample: 05/28/2018 23:30 (EDT). Data relative to MHHW

- Observed: -0.39 ft.
- Predicted: -1.87 ft.
- Residual: 1.48 ft.

Historical Maximum Water Level: Aug 31 1985, 4.00 ft.
Next High Tide: 05/29/2018 03:51 (EDT), -0.79 ft.
NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL

Wind Speed / Gusts / Direction

Last Observed Sample: 05/28/2018 23:30 (EDT)
Wind Speed: 17 knots  Gusts: 23 knots  Direction: 180° T

NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL

Barometric Pressure

Last Observed Sample: 05/28/2018 23:30 (EDT)
Barometric Pressure: 1011.2 mb
<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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</thead>
<tbody>
<tr>
<td>8729108</td>
<td>Panama City, FL</td>
<td>05/28/2018 22:36 (CDT)</td>
<td>0.06 ft</td>
<td>-1.18 ft</td>
<td>1.24 ft</td>
<td>1.55 ft</td>
</tr>
<tr>
<td>8728690</td>
<td>Apalachicola, FL</td>
<td>05/28/2018 23:42 (EDT)</td>
<td>0.13 ft</td>
<td>-1.75 ft</td>
<td>1.88 ft</td>
<td>3.00 ft</td>
</tr>
<tr>
<td>8727520</td>
<td>Cedar Key, FL</td>
<td>05/28/2018 23:42 (EDT)</td>
<td>-0.40 ft</td>
<td>-2.18 ft</td>
<td>1.78 ft</td>
<td>1.80 ft</td>
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<td>8729840</td>
<td>Pensacola, FL</td>
<td>05/28/2018 22:30 (CDT)</td>
<td>-0.22 ft</td>
<td>-1.35 ft</td>
<td>1.13 ft</td>
<td>1.17 ft</td>
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<tr>
<td>8735180</td>
<td>Dauphin Island, AL</td>
<td>05/28/2018 22:36 (CDT)</td>
<td>-0.24 ft</td>
<td>-1.25 ft</td>
<td>1.01 ft</td>
<td>1.32 ft</td>
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<tr>
<td>8736897</td>
<td>Coast Guard Sector Mobile, AL</td>
<td>05/28/2018 22:36 (CDT)</td>
<td>-0.74 ft</td>
<td>-1.59 ft</td>
<td>0.85 ft</td>
<td>0.52 ft</td>
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<tr>
<td>8741533</td>
<td>Pascagoula NOAA Lab, MS</td>
<td>05/28/2018 22:30 (CDT)</td>
<td>-0.35 ft</td>
<td>-1.32 ft</td>
<td>0.97 ft</td>
<td>1.13 ft</td>
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<td>8747437</td>
<td>Bay Waveland Yacht Club, MS</td>
<td>05/28/2018 22:42 (CDT)</td>
<td>-0.66 ft</td>
<td>-1.58 ft</td>
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<td>1.25 ft</td>
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<tr>
<td>8761305</td>
<td>Shell Beach, LA</td>
<td>05/28/2018 22:42 (CDT)</td>
<td>-0.11 ft</td>
<td>-1.46 ft</td>
<td>1.35 ft</td>
<td>1.33 ft</td>
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<td>8760922</td>
<td>Pilots Station East, S.W. Pass, LA</td>
<td>05/28/2018 22:36 (CDT)</td>
<td>0.39 ft</td>
<td>-0.95 ft</td>
<td>1.34 ft</td>
<td>1.54 ft</td>
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<tr>
<td>8726724</td>
<td>Clearwater Beach, FL</td>
<td>05/28/2018 23:36 (EDT)</td>
<td>0.08 ft</td>
<td>-0.89 ft</td>
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<td>1.09 ft</td>
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<tr>
<td>8726520</td>
<td>St. Petersburg, Tampa Bay, FL</td>
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<td>-0.39 ft</td>
<td>-1.87 ft</td>
<td>1.48 ft</td>
<td>1.21 ft</td>
</tr>
</tbody>
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Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce