

For More Information:

## Center for Operational Oceanographic Products and Services

NOAA/NOS - N/OPS  
SSMC4, Station 6633  
1305 East-West Highway  
Silver Spring, MD 20910  
301-713-2981  
301-713-4392 FAX



National Oceanic and Atmospheric Administration  
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# Tides Online

<http://tidesonline.nos.noaa.gov>

Tides Online is a web-based product which provides users with the latest graphical and tabular water level observations, predictions and meteorological data in real-time or near real-time from 175 National Water Level Observation Network (NWLON) gauges in the United States, including Alaska and Hawaii, and U.S. territories. During severe weather conditions, such as hurricanes, specific gauges located along the projected path of a storm will be automatically “triggered” to transmit data no later than every 20 minutes. Tides Online detects these stations and lists them on the main page for easy access to the data.



When gauges have not been “triggered” users may navigate to their gauge of interest by clicking on the “State Maps” or “Regional List” options on the main menu.

Figure 1 shows the "State Maps" option with the states that have tide gauges highlighted in yellow.



Figure 1.

Clicking on the state of interest zooms the user down to a level where a gauge may be selected. Figure 2 shows Virginia.



Figure 2.

Clicking on a gauge from the "State Map" or "Regional List" provides the following plots. The following data plots are from Hurricane Floyd during the height of the storm.

