

**Introduction to Water and Weather Alerts**  
 Information and Examples Specific to the  
 National Park Service at the Upper Delaware Scenic and Recreational River

**Need for Alerts**

Regulations pertaining specifically to Upper Delaware Scenic and Recreational River reside within the park's Superintendent's Compendium. The Superintendent's Compendium serves as public notice, identifies areas closed for public use, provides a list of activities requiring either a special use permit or reservation, and elaborates on public use and resource protection regulations pertaining specifically to the administration of the park.

**Excerpt from Superintendent's Compendium:**

Closures:

(a)(2) The following designations, conditions, and/or restrictions are imposed on all specific use or activities:

- During periods of high water all individuals in or on the waters of the Delaware River within the Upper Delaware Scenic and Recreational River are required to wear a Type I, II, III, or V U.S. Coast Guard approved Personal Flotation Device (PFD). The PFD must be of the proper size for the individual wearing it and must be in good, serviceable condition. High water is defined as six (6) feet and above, as measured at the Callicoon Gauge for all points upstream of the northern side of the Narrowsburg Bridge. For the river downstream of that point to the southern boundary of the park, high water is defined as six (6) feet and above as measured at the Barryville Gauge.

This condition is determined necessary to manage the increased risk to river users and rescue personnel during periods of high water.

**Is there a way to get alerts about streamflow conditions?**

Yes! The USGS offers two services:

- [WaterAlert](#) - automated emails or text messages are sent to you whenever certain parameters (that you define) are exceeded at one of our gaging stations.
- [WaterNow](#) - Send an email or text message to [WaterNow@usgs.gov](mailto:WaterNow@usgs.gov) containing the USGS Site Number of the gage you want to query (optionally add parameter codes to customize your query). You will receive an automated response within a few minutes.

**How do I sign up? (Helpful Links)**

USGS WaterAlert Mapper: <https://maps.waterdata.usgs.gov/mapper/wateralert/>

Manage Existing USGS Water Alerts: <https://water.usgs.gov/wateralert/help/manage.html>

USGS Water Alerts – Supported Parameters: <https://water.usgs.gov/wateralert/parameters/>

**Real-time data parameters available for subscription**

The basic real-time parameters supported by WaterAlert are the following:

<b>Surface Water:</b>	<b>Groundwater:</b>	<b>Water Quality:</b>	<b>Precipitation:</b>
Streamflow	Water level (depth)	Water temperature	Total precipitation
Gage height (stage)	Water Level (elevation)	Specific conductance	
Lake/reservoir level		pH	
Stream level		Dissolved oxygen	
Stream velocity		Salinity	
		Turbidity	

[Additional parameters](#) are available at some sites, such as tide elevation, nitrate plus nitrite, or sensor depth. All parameters are not necessarily available at each site.

**Weather.gov Projections versus USGS Gage Conditions**

Weather.gov projections include a hydrograph with height predictions relative to flood stage based on historical data and local weather forecast.

Weather.gov – Delaware River at Callicoon: <https://water.weather.gov/ahps2/hydrograph.php?wfo=bgm&gage=ccrn6>

Weather.gov – Delaware River at Barryville: <https://water.weather.gov/ahps2/hydrograph.php?wfo=bgm&gage=BRYN6>

USGS water gage conditions provide real-time measurements of data based on installed equipment at that location.

USGS Gage Data – Delaware River at Callicoon: <https://waterdata.usgs.gov/usa/nwis/uv?01427510>

USGS Gage Data – Delaware River at Barryville: [https://waterdata.usgs.gov/nwis/uv?agency\\_code=USGS&site\\_no=01432160](https://waterdata.usgs.gov/nwis/uv?agency_code=USGS&site_no=01432160)

**Weather Alerts**

Weather.gov (National Weather Service) does not provide direct communication but offers a list of providers based on the alert or forecast you wish to receive, such as by email, text, phone call, computer software, app, desktop browser or radio.

Email Alert Providers: <https://www.weather.gov/enterprise/sw-alerts-email-1a>

Text Alert Providers: <https://www.weather.gov/enterprise/sw-alerts-text-1b>