

NEW CASTLE COUNTY

REFERENCE TIDE GAUGE - REEDY POINT

The Reedy Point tide gauge is located in New Castle County at the east end of the Chesapeake and Delaware Canal.

High tide at the north end of New Castle County occurs about 1 hour later than the high tide at Reedy Point. Low tide is around 1½ hours later.

High tide at the south end of New Castle County occurs about 1¼ hours earlier than the high tide at Reedy Point. Low tide is also around 1¼ hours earlier.

New Castle County

In the minor range:

A number of locations along DE Route 9 from the city of New Castle to the Kent County line flood. The list includes:

In the city of New Castle (particularly the Dobbinsville section) some streets flood as a result of water backing up into tidal streams.

Flooding occurs along the section of DE Route 9 just to the south of the city of New Castle.

Flooding occurs around the approaches to the DE Route 9 bridge over the Red Lion Creek.

In Delaware City some streets flood as a result of water backing up into tidal streams.

Flooding begins in Port Penn, Augustine Beach and Bay View Beach.

Flooding occurs around the approaches to the DE Route 9 bridge over the Appoquinimink River.

In the moderate range:

Flooding occurs along East 12th Street in Wilmington.

Flooding occurs where the Red Clay Creek, the White Clay Creek and the Christina River meet. The area is just to the west and northwest of the New Castle County Airport and it includes the communities of Christiana, Glenville and Stanton.

Flooding occurs along the Appoquinimink River in Odessa.

Data Acquisition

In order to access data from the Reedy Point gauge, use the National Ocean Service web site at <http://storms.nos.noaa.gov/>.

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The tide heights from actual events referenced in the following table are those that were verified by the National Ocean Service. They may vary slightly from figures found in National Weather Service publications.

ALL HEIGHTS ARE IN MEAN LOWER LOW WATER (MLLW).

9.2 FT — SEVERE TIDAL FLOODING BEGINS.

8.9 FT — October 25, 1980.

8.7 FT — September 19, 2003 (Hurricane Isabel).

8.3 FT — December 11, 1992 and May 12, 2008.

8.2 FT — MODERATE TIDAL FLOODING BEGINS.

7.2 FT — MINOR TIDAL FLOODING BEGINS.

-1.8 FT — BLOWOUT TIDE.

-2.8 FT — November 14, 2003; March 9, 2005 and February 5, 2007.

-3.4 FT — January 15, 2006 and March 6, 2007.

-4.0 FT — April 7, 1982.

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