

CUMBERLAND COUNTY

REFERENCE TIDE GAUGE - CAPE MAY FERRY TERMINAL

There is no National Ocean Service tide gauge in Cumberland County. As a result, the Cape May Ferry Terminal tide gauge is being used as the reference for the county. The gauge is located along the Cape May Canal near the outlet to Delaware Bay.

High tides along Cumberland County's bay shore occur later than the high tides at the ferry terminal. The time differences range from about ½ hour in the eastern part of the county to around 2 hours in the western part of the county. Low tides range from about 1 hour later in the east to around 2½ hours later in the west.

Data Acquisition

In order to access data from the Cape May Ferry Terminal 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).

Note: The Cape May Ferry Terminal gauge was not in operation during the storms of November 1950 and March 1962.

- 9.3 FT — Flooding occurs along Main Street in Port Norris (Cumberland County Route 553).
- 8.8 FT — September 27, 1985 (Hurricane Gloria).
- 8.7 FT — SEVERE TIDAL FLOODING BEGINS.**
October 25, 1980.
The northern approach to the Cumberland County Route 553 bridge at Dividing Creek floods.
- 8.6 FT — December 11, 1992.
- 8.5 FT — January 4, 1992 and March 3, 1994.
- 8.3 FT — October 14, 1977.
- 8.2 FT — December 22, 1972; October 31, 1991 and February 5, 1998.
- 8.1 FT — March 29, 1984.
- 8.0 FT — January 28, 1998; October 7, 2006 and May 12, 2008.
- 7.9 FT — December 2, 1974; January 2, 1987; March 19, 1996; January 25, 2000; May 25, 2005 and January 31, 2006.
- 7.8 FT — December 14, 1993 and April 18, 2007.
- 7.7 FT — MODERATE TIDAL FLOODING BEGINS.**
December 9, 1973; November 15, 1981; December 13, 1996; November 14, 1997; January 3, 1999; June 13, 2007 and June 22, 2009.
Flooding begins in Greenwich, Fairton and Port Norris.
- 7.1 FT — Flooding begins in Maurice River Township.
- 6.9 FT — Flooding begins in Money Island and Gandys Beach.
- 6.7 FT — MINOR TIDAL FLOODING BEGINS.**
Flooding occurs along the road into Fortescue (Cumberland County Route 637).
Flooding begins in Bivalve.

- 1.8 FT — BLOWOUT TIDE.**
- 2.8 FT — January 31, 1966.
- 3.0 FT — January 28, 1971.

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