

Public Information Statement

National Weather Service Mount Holly NJ

314 PM EDT Tue Aug 11 2020

.Ocean County New Jersey Waterspout and Tornado...

Start Location...Near Ship Bottom in Ocean County, New Jersey

End Location...Near Mud City in Ocean County, New Jersey

Date...August 4, 2020

Estimated Time...10:50 AM EDT to 10:54 AM EDT

Maximum EF-Scale Rating...EF1

Estimated Maximum Wind Speed...110 mph

Maximum Path Width...Unknown

Path Length...3.0 miles

Beginning Lat/Lon...39.63N/74.20W

Ending Lat/Lon...39.68N/74.21W

* Fatalities...0

* Injuries...0

...Summary...

A waterspout developed in Manahawkin Bay between Ship Bottom and Brant Beach. It tracked northwestward and video footage showed the circulation with light debris in the air crossing the Route 72 bridge over the bay. The waterspout then continued tracking to the northwest and passed east of Mud City before moving ashore into a marshy area of the Manahawkin Wildlife Management area. Other than some light debris reported in the air as it crossed the Route 72 bridge, no other damage reports have been received as of this report. However, the circulation tracked right over the Long Beach Island WeatherFlow weather station located north of Egg Island and west of Flat Island in Manahawkin Bay which measured a 109 mph wind gust at 10:53 AM EDT. This measurement was used to rate this waterspout/tornado given the lack of actual damage. Doppler radar data showed no evidence of a tornado debris signature. Doppler radar data however did indicate velocities to 112 mph at about 1,600 feet above the ground very near the aforementioned weather station.

Special thanks is extended to the public who provided video that greatly helped with this survey.

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Davis/Gorse/Miketta/Staarmann