



## Hurricane Matthew

### **2:00 PM EDT Wednesday October 5, 2016 Update**

At 200 PM EDT (1800 UTC), the eye of Hurricane Matthew was located near latitude 22.1 North, longitude 75.3 West. Matthew is moving toward the northwest near 12 mph (19 km/h), and this motion is expected to continue during the next 24 to 48 hours. On this track, Matthew will be moving across the Bahamas today and tomorrow, and is expected to be very near the east coast of Florida by Thursday evening.

Maximum sustained winds are near 120 mph (195 km/h) with higher gusts. Matthew is a category 3 hurricane on the Saffir-Simpson Hurricane Wind Scale. Some strengthening is forecast during the next couple of days, and Matthew is expected to remain at category 3 or stronger while it moves through the Bahamas and approaches the east coast of Florida.

Hurricane-force winds extend outward up to 45 miles (75 km) from the center and tropical-storm-force winds extend outward up to 175 miles (280 km).

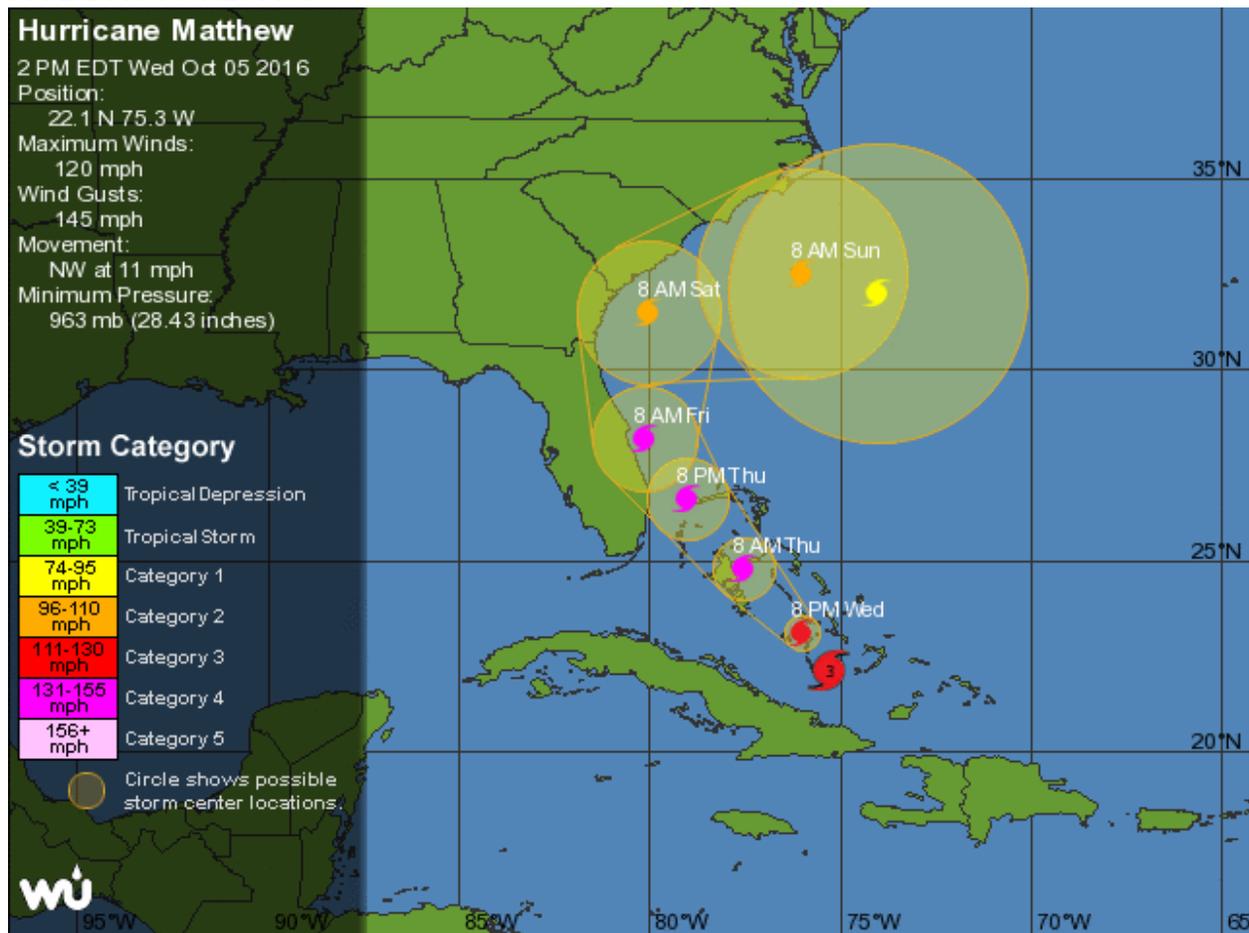
The minimum central pressure reported by an Air Force Hurricane Hunter plane was 963 mb (28.44 inches).

- Fixes from the planes indicate that Matthew is moving toward the northwest at about 8 to 10 kt. The subtropical ridge over the western Atlantic is amplifying as anticipated by the global models. The flow pattern around this ridge should continue to steer the hurricane toward the northwest during the next day or two with no significant change in forward speed. After that time the ridge will move east allowing Matthew to move northward very near or over the Florida east coast and then near or to the east of the Georgia and South Carolina coasts. By the end of the forecast

period, models have changed significantly since yesterday. Some track models keep the hurricane moving eastward across the Atlantic while the GFS and the ECMWF reduce the hurricane's forward speed with a southward turn.

- Tropical storm or hurricane conditions could affect Georgia, South Carolina, and North Carolina later this week or this weekend, even if the center of Matthew remains offshore. It is too soon to determine what, if any, land areas might be directly affected by Matthew. At a minimum, dangerous beach and boating conditions are likely along much of the U.S. east coast during the
- Rain chances will increase during Friday ahead of the storm. Heavy rain is possible with the potential for flash flooding, especially Saturday and Saturday night.
- Rainfall totals of 5-6 inches are expected along our coastal area.
- The probability for tropical storm winds ranging from 50-65 MPH is projected for our area beginning Friday night into Saturday.

### FIVE DAY FORECAST



**IMPORTANT NOTICE TO OCEAN ISLE BEACH PROPERTY OWNERS**

**It is important that you stay informed in regards to this storm.**

**Please remember to affix your property decal to your vehicle in order to regain entry to the island in the event of an evacuation. These decals were mailed to all property owners in December 2015 along with your annual calendar and newsletter.**

**Please continue to make preparations for this storm and be prepared. This site will be updated periodically as new information is available**



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