

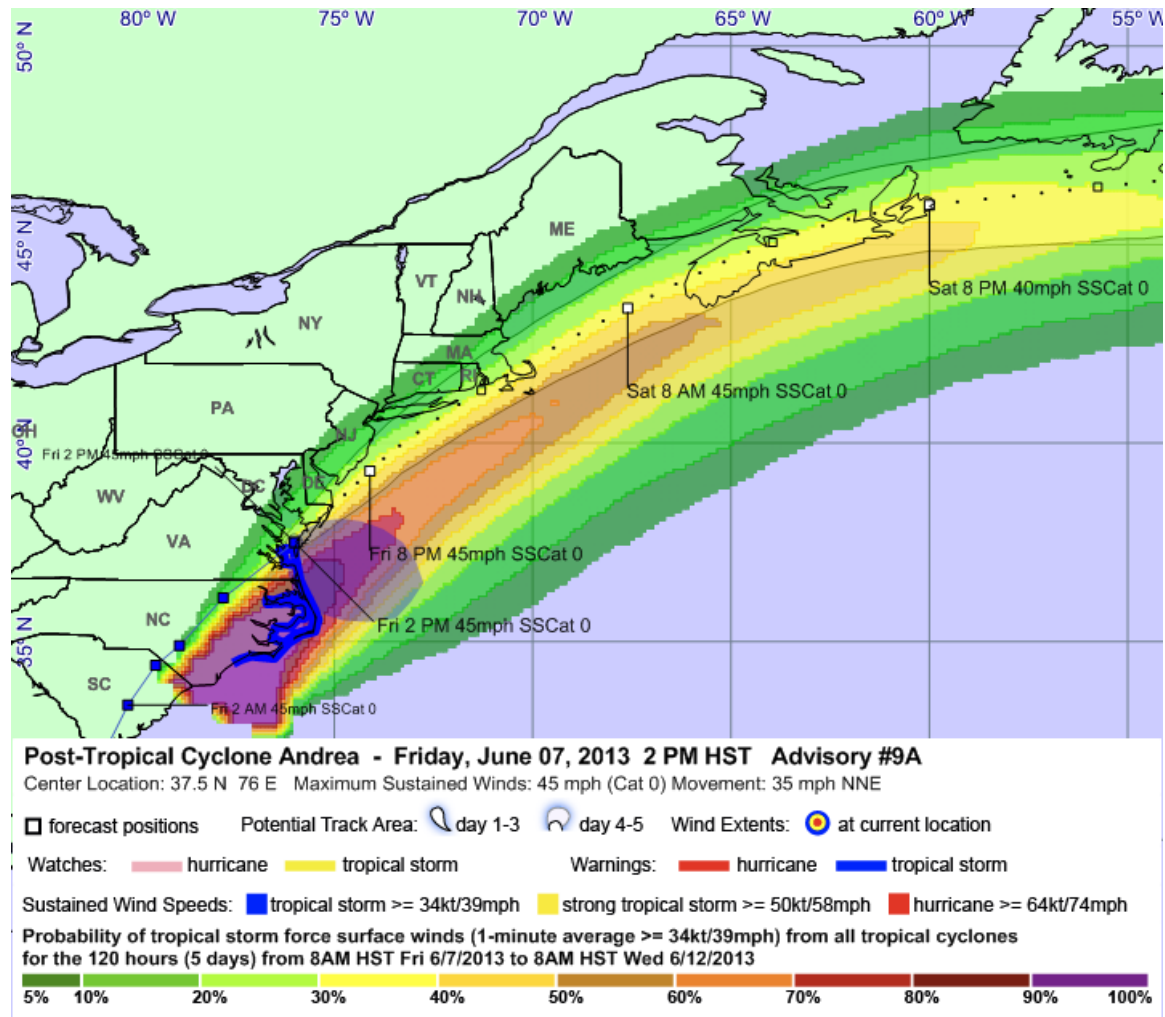
Storm Summary for Tropical Storm Andrea

Friday, June 7, 2013 at 2 PM HST

(Output from Hurrevac, based on National Hurricane Center Forecast Advisory # 9A)

Andrea is currently a tropical storm on the Saffir-Simpson Hurricane Wind Scale, with maximum sustained winds of 45 mph (39 kts), moving northeast at 35 mph. The estimated minimum central pressure is 996 mb. Tropical storm-force winds extend outward up to 230 miles (370 km) from the storm center.

Certain coastal locations are under Tropical Storm Warning as illustrated in the map below. The geographic extents of these watches and warnings are detailed in the advisory text at the end of this report.



WTNT31 KNHC 072335

BULLETIN

TROPICAL DEPRESSION ANDREA INTERMEDIATE ADVISORY NUMBER 9A
NWS NATIONAL HURRICANE CENTER MIAMI FL AL012013
800 PM EDT FRI JUN 07 2013

...POST-TROPICAL ANDREA MOVING RAPIDLY NEAR THE MID-ATLANTIC
COAST...

SUMMARY OF 800 PM EDT...0000 UTC...INFORMATION

LOCATION...37.5N 76.0W
ABOUT 45 MI...70 KM NNE OF NORFOLK VIRGINIA
ABOUT 75 MI...120 KM SW OF OCEAN CITY MARYLAND
MAXIMUM SUSTAINED WINDS...45 MPH...75 KM/H
PRESENT MOVEMENT...NE OR 40 DEGREES AT 35 MPH...55 KM/H
MINIMUM CENTRAL PRESSURE...996 MB...29.41 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...
* SURF CITY NORTH CAROLINA TO CAPE CHARLES LIGHT VIRGINIA
* PAMLICO AND ALBEMARLE SOUNDS
* LOWER CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT

GALE CONDITIONS ARE EXPECTED NEAR PORTIONS OF THE U.S. EAST COAST
FROM THE DELMARVA PENINSULA NORTHWARD TO SOUTHERN NEW JERSEY...AS
WELL AS COASTAL RHODE ISLAND AND SOUTHEASTERN MASSACHUSETTS. A
HIGH WIND ADVISORY IS IN EFFECT FOR NANTUCKET MASSACHUSETTS.

FOR ADDITIONAL INFORMATION...INCLUDING OTHER INLAND WATCHES AND
WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL
WEATHER SERVICE FORECAST OFFICE AT WEATHER.GOV.

DISCUSSION AND 48-HOUR OUTLOOK

TROPICAL DEPRESSION TC...THE CENTER OF POST-TROPICAL CYCLONE
ANDREA WAS LOCATED NEAR LATITUDE 37.5 NORTH...LONGITUDE 76.0 WEST.
ANDREA IS MOVING TOWARD THE NORTHEAST NEAR 35 MPH...55 KM/H...AND
THIS GENERAL MOTION IS EXPECTED THROUGH SATURDAY. A TURN TOWARD THE
EAST-NORTHEAST AND EAST SHOULD OCCUR SATURDAY NIGHT AND SUNDAY. ON
THE FORECAST TRACK...THE CENTER OF ANDREA WILL MOVE NORTHEASTWARD
NEAR THE U.S. EAST COAST THROUGH SATURDAY...AND ACROSS ATLANTIC
CANADA LATE SATURDAY THROUGH SUNDAY.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 45 MPH...75 KM/H...WITH HIGHER
GUSTS...MAINLY OVER THE ATLANTIC WELL TO THE EAST OF THE CENTER.
LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 48 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 230 MILES...370 KM

TO THE EAST OF THE CENTER. A WEATHERFLOW STATION IN THE AVON SOUND...RECENTLY REPORTED A SUSTAINED WIND OF 40 MPH...64 KM/H...AND A WIND GUST TO 49 MPH...79 KM/H.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 996 MB...29.41 INCHES.

HAZARDS AFFECTING LAND

RAINFALL...ANDREA IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES FROM CENTRAL NORTH CAROLINA NORTHEASTWARD ALONG THE EASTERN SEABOARD INTO COASTAL MAINE.

STORM SURGE...LOCALIZED COASTAL FLOODING IS POSSIBLE ALONG PORTIONS OF THE U.S. EAST COAST FROM NORTH CAROLINA TO NEW ENGLAND. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

WIND...TROPICAL STORM CONDITIONS WILL CONTINUE TO SPREAD NORTHEASTWARD ALONG THE COASTS OF NORTH CAROLINA AND SOUTHEASTERN VIRGINIA WITHIN THE WARNING AREA THROUGH THIS EVENING. WINDS NEAR GALE FORCE ARE POSSIBLE ELSEWHERE ALONG THE COAST FROM VIRGINIA TO ATLANTIC CANADA TONIGHT THROUGH SUNDAY.

TORNADOES...A FEW TORNADOES ARE POSSIBLE OVER NORTHEASTERN NORTH CAROLINA...SOUTHEASTERN VIRGINIA...AND SOUTHEASTERN MARYLAND.

NEXT ADVISORY

NEXT COMPLETE ADVISORY...1100 PM EDT.

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FORECASTER PASCH/CANGIALOSI

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WTNT41 KNHC 072051

TROPICAL DEPRESSION ANDREA DISCUSSION NUMBER 9
NWS NATIONAL HURRICANE CENTER MIAMI FL AL012013
500 PM EDT FRI JUN 07 2013

SURFACE OBSERVATIONS AND DOPPLER RADAR DATA INDICATE THAT ANDREA IS NO LONGER TROPICAL. DEEP CONVECTION OVER NORTH CAROLINA APPEARS TO BE ASSOCIATED MORE WITH A FRONTAL ZONE THAN THE CYCLONE ITSELF...AND THE LOW-LEVEL CENTER HAS BEGUN TO LOSE DEFINITION. HOWEVER...EVEN THOUGH THE CYCLONE IS BEING DECLARED POST-TROPICAL...ADVISORIES FROM NHC WILL CONTINUE UNTIL THE SYSTEM NO LONGER POSES A SIGNIFICANT THREAT TO THE U.S. EAST COAST.

THE INITIAL INTENSITY REMAINS 40 KT...WHICH IS SUPPORTED BY A PARTIAL ASCAT PASS FROM 1448 UTC. TROPICAL STORM CONDITIONS ARE PRIMARILY CONFINED TO THE ATLANTIC WATERS AND COASTAL AREAS OF NORTH CAROLINA AND EXTREME SOUTHEASTERN VIRGINIA. THE INTENSITY GUIDANCE CONTINUES TO SHOW ANDREA CHANGING LITTLE IN STRENGTH AS IT MOVES UP THE U.S. EAST COAST...AND THE OFFICIAL INTENSITY FORECAST IS UNCHANGED FROM THE PREVIOUS ONE. GLOBAL MODEL GUIDANCE IS SHOWING ANDREA BEING STRETCHED OVER THE NORTH ATLANTIC IN 24-48

HOURS...WITH A SECOND LOW PRESSURE SYSTEM BECOMING THE MORE DOMINANT SYSTEM AND ABSORBING ANDREA BY 72 HOURS EAST OF NEWFOUNDLAND.

THE INITIAL MOTION IS 040/24 KT. ANDREA WILL CONTINUE TO ACCELERATE NORTHEASTWARD DURING THE NEXT 24 HOURS WHILE IT BECOMES INCREASINGLY EMBEDDED IN STRONG MID-LATITUDE FLOW. THE SPREAD AMONG THE TRACK GUIDANCE REMAINS RELATIVELY SMALL...AND THE UPDATED NHC TRACK FORECAST IS VERY SIMILAR TO THE PREVIOUS ONE.

IT SHOULD BE STRESSED THAT EVEN THOUGH ANDREA HAS BECOME POST-TROPICAL...THE THREAT FOR HIGH WINDS...HEAVY RAINFALL...AND LOCALIZED COASTAL FLOODING WILL CONTINUE THROUGH SATURDAY ACROSS THE MID-ATLANTIC STATES AND NEW ENGLAND. HAZARDOUS CONDITIONS FROM THE DELMARVA PENINSULA NORTHWARD TO NEW ENGLAND WILL CONTINUE TO BE COMMUNICATED THROUGH LOCAL NATIONAL WEATHER SERVICE WARNING PRODUCTS.

FORECAST POSITIONS AND MAX WINDS

INIT	07/2100Z	36.1N	77.8W	40 KT	45 MPH...POST-TROP/EXTRATROP
12H	08/0600Z	39.3N	74.1W	40 KT	45 MPH...POST-TROP/EXTRATROP
24H	08/1800Z	43.4N	67.6W	40 KT	45 MPH...POST-TROP/EXTRATROP
36H	09/0600Z	46.0N	60.0W	35 KT	40 MPH...POST-TROP/EXTRATROP
48H	09/1800Z	46.9N	51.5W	35 KT	40 MPH...POST-TROP/EXTRATROP
72H	10/1800Z	...ABSORBED BY ANOTHER LOW			

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FORECASTER BERG/BEVEN