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[Home](#)[News](#)[Organization](#)[Search](#)

Local forecast by
"City, St" or "ZIP"

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[Text-only](#) | [PDA](#) | [Cell](#)

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[GIS Data](#) | [RSS](#)

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[Atlantic and E Pacific](#)

[Analysis Tools](#)

[Help with Marine](#)

Hurricane Awareness

[Be Prepared](#) | [Learn](#)

[Frequent Questions](#)

[AOML Research](#)

[Hurricane Hunters](#)

[Saffir-Simpson Scale](#)

[Forecasting Models](#)

[Eyewall Wind Profiles](#)

[Glossary/Acronyms](#)

[Storm Names](#)

[Breakpoints](#)

Hurricane History

[Seasons Archive](#)

[Forecast Accuracy](#)

[Climatology](#)

[Most Extreme](#)

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[Mission and Vision](#)

[Personnel](#) | [Visitors](#)

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[Joint Hurr Testbed](#)

[The NCEP Centers](#)

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Hurricane KATRINA

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TTAA00 KNHC DDHHMM
BULLETIN

HURRICANE KATRINA ADVISORY NUMBER 10
NWS TPC/NATIONAL HURRICANE CENTER MIAMI FL
11 PM EDT THU AUG 25 2005

...EYE OF KATRINA MOVING SOUTHWESTWARD ACROSS MIAMI-DADE COUNTY...

A HURRICANE WARNING REMAINS IN EFFECT FOR THE SOUTHEAST FLORIDA COAST FROM JUPITER INLET SOUTHWARD TO FLORIDA CITY...INCLUDING LAKE OKEECHOBEE. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD HAVE BEEN COMPLETED.

A TROPICAL STORM WARNING IS IN EFFECT FOR ALL THE FLORIDA KEYS AND FLORIDA BAY FROM KEY WEST NORTHWARD...AND ALONG THE GULF COAST OF FLORIDA FROM LONGBOAT KEY SOUTH AND EASTWARD TO SOUTH OF FLORIDA CITY.

A TROPICAL STORM WATCH REMAINS IN EFFECT FOR PORTIONS THE FLORIDA WEST COAST FROM NORTH OF LONGBOAT KEY TO ANCLOTE KEY. A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...GENERALLY WITHIN 36 HOURS.

AT 11 PM EDT...0300Z...THE TROPICAL STORM WARNING AND TROPICAL STORM WATCH ALONG THE EAST COAST OF FLORIDA NORTH OF JUPITER HAVE BEEN DISCONTINUED.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE.

AT 11 PM EDT...0300Z...THE EYE OF HURRICANE KATRINA WAS LOCATED NEAR LATITUDE 25.5 NORTH...LONGITUDE 80.7 WEST OR ABOUT 35 MILES... SOUTHWEST OF MIAMI FLORIDA OR 20 MILES NORTHWEST OF THE CITY OF HOMESTEAD.

KATRINA IS MOVING TOWARD THE SOUTHWEST NEAR 8 MPH AND THIS MOTION IS EXPECTED TO CONTINUE DURING THE NEXT SEVERAL HOURS. KATRINA IS EXPECTED TO MOVE OVER THE GULF OF MEXICO FRIDAY MORNING.

MAXIMUM SUSTAINED WINDS ARE NEAR 75 MPH WITH HIGHER GUSTS. KATRINA IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. SOME ADDITIONAL WEAKENING IS ANTICIPATED WHILE KATRINA IS OVER LAND.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 10 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 70 MILES. EARLIER THIS EVENING A WIND GUST TO 87 MPH WAS RECORDED AT MIAMI NATIONAL WEATHER SERVICE FORECAST OFFICE/NATIONAL HURRICANE CENTER AND 81 MPH AT THE TAMiami AIRPORT.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 984 MB...29.06 INCHES.

STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDE LEVELS... CAN BE EXPECTED ALONG THE WEST COAST OF FLORIDA IN AREAS OF ONSHORE FLOW SOUTH OF VENICE AND IN FLORIDA BAY. STORM SURGE SHOULD BEGIN TO DECREASE ALONG THE EAST COAST OF FLORIDA.

KATRINA IS EXPECTED TO PRODUCE A SIGNIFICANT HEAVY RAINFALL EVENT OVER SOUTH FLORIDA...AND THE FLORIDA KEYS. TOTAL RAINFALL ACCUMULATIONS OF 6 TO 10 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 15 TO 20 INCHES ARE POSSIBLE.

ISOLATED TORNADOES WILL ALSO BE POSSIBLE OVER EASTERN FLORIDA AND THE FLORIDA KEYS.

REPEATING THE 11 PM EDT POSITION...25.5 N... 80.7 W. MOVEMENT TOWARD...SOUTHWEST NEAR 8 MPH. MAXIMUM SUSTAINED WINDS... 75 MPH. MINIMUM CENTRAL PRESSURE... 984 MB.

INTERMEDIATE ADVISORIES WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 1 AM EDT AND 3 AM EDT FOLLOWED BY THE NEXT COMPLETE ADVISORY AT 5 AM EDT.

FORECASTER AVILA

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