



Latest Position:

Latitude	Longitude	Motion (knots)	Wind Speed (MPH)	Central Pressure (mb)	74 mph NE	74 mph SE	74 mph SW	74 mph NW	58 mph NE	58 mph SE	58 mph SW	58 mph NW	39 mph NE	39 mph SE	39 mph SW	39 mph NW	Eye diam	Eye wall
25.7	-87.7	318/8	161	908	75	75	50	75	100	100	75	100	160	160	125	140	25	12

Watches and Warnings

Hurricane Warning from Morgan City, LA to Alabama-Florida Border, FL
Tropical Storm Warning from Destin, FL to Indian Pass, FL
Tropical Storm Warning from Cameron, LA to Intracoastal City, LA
Tropical Storm Warning from Alabama-Florida Border, FL to Destin, FL
Tropical Storm Warning from Intracoastal City, LA to Morgan City, LA
Hurricane Watch from Intracoastal City, LA to Morgan City, LA
Hurricane Watch from Alabama-Florida Border, FL to Destin, FL

Official Forecast

Hour	Date (UTC)	Time (UTC)	Latitude	Longitude	Wind Speed (MPH)	74 mph NE	74 mph SE	74 mph SW	74 mph NW	58 mph NE	58 mph SE	58 mph SW	58 mph NW	39 mph NE	39 mph SE	30 mph SW	39 mph NW
Initial	08/28/2005	1200	25.7	-87.7	161	075	075	050	075	100	100	075	100	160	160	125	140
12	08/28/2005	1800	26.3	-88.4	161	075	075	050	075	100	100	075	100	160	160	125	140
24	08/29/2005	0600	28	-89.4	161	075	075	050	075	100	100	075	100	160	160	125	140
36	08/29/2005	1800	30	-89.8	155	075	075	050	050	100	100	075	075	160	160	125	125
48	08/30/2005	0600	32.3	-89.3	75					060	060	030	030	090	090	060	060
72	08/31/2005	0600	37.5	-86	40									075	075	050	050
96	09/01/2005	0600	42	-79	35												
120	09/02/2005	0600	47	-70	29												

NHC Public Advisory

TCPAT2

BULLETIN

HURRICANE KATRINA SPECIAL ADVISORY NUMBER 22

NWS TPC/NATIONAL HURRICANE CENTER MIAMI FL

7 AM CDT SUN AUG 28 2005

...KATRINA...NOW A POTENTIALLY CATASTROPHIC CATEGORY FIVE HURRICANE...HEADED FOR THE NORTHERN GULF COAST...

A HURRICANE WARNING IS IN EFFECT FOR THE NORTH CENTRAL GULF COAST FROM MORGAN CITY LOUISIANA EASTWARD TO THE ALABAMA/FLORIDA BORDER...INCLUDING THE CITY OF NEW ORLEANS AND LAKE PONTCHARTRAIN. A HURRICANE WARNING MEANS THAT HURRICANE CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

A TROPICAL STORM WARNING AND A HURRICANE WATCH ARE IN EFFECT FROM EAST OF THE ALABAMA/FLORIDA BORDER TO DESTIN FLORIDA...AND FROM WEST OF MORGAN CITY TO INTRACOASTAL CITY LOUISIANA. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS. A HURRICANE WATCH MEANS THAT HURRICANE CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...GENERALLY WITHIN 36 HOURS.

A TROPICAL STORM WARNING IS ALSO IN EFFECT FROM DESTIN FLORIDA EASTWARD TO INDIAN PASS FLORIDA...AND FROM INTRACOASTAL CITY LOUISIANA WESTWARD TO CAMERON LOUISIANA.

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

AT 7 AM CDT...1200Z...THE CENTER OF HURRICANE KATRINA WAS LOCATED NEAR LATITUDE 25.7 NORTH... LONGITUDE 87.7 WEST OR ABOUT 250 MILES SOUTH-SOUTHEAST OF THE MOUTH OF THE MISSISSIPPI RIVER.

KATRINA IS MOVING TOWARD THE WEST-NORTHWEST NEAR 12 MPH...AND A GRADUAL TURN TOWARD THE NORTHWEST AND NORTH-NORTHWEST IS EXPECTED OVER THE NEXT 24 HOURS.

MAXIMUM SUSTAINED WINDS ARE NEAR 160 MPH...WITH HIGHER GUSTS. KATRINA IS A POTENTIALLY CATASTROPHIC CATEGORY FIVE HURRICANE ON THE SAFFIR-SIMPSON SCALE. SOME FLUCTUATIONS IN STRENGTH ARE LIKELY DURING THE NEXT 24 HOURS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 85 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 185 MILES.

DATA FROM AN AIR FORCE HURRICANE HUNTER PLANE INDICATE THAT THE MINIMUM CENTRAL PRESSURE HAS FALLEN TO NEAR 908 MB...26.81 INCHES.

COASTAL STORM SURGE FLOODING OF 15 TO 20 FEET ABOVE NORMAL TIDE LEVELS...LOCALLY AS HIGH AS 25 FEET ALONG WITH LARGE AND DANGEROUS BATTERING WAVES...CAN BE EXPECTED NEAR AND TO THE EAST OF WHERE THE

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CENTER MAKES LANDFALL.

RAINFALL TOTALS OF 5 TO 10 INCHES...WITH ISOLATED MAXIMUM AMOUNTS OF 15 INCHES...ARE POSSIBLE ALONG THE PATH OF KATRINA ACROSS THE GULF COAST AND THE SOUTHEASTERN UNITED STATES.

ISOLATED TORNADOES WILL BE POSSIBLE BEGINNING SUNDAY EVENING OVER SOUTHERN PORTIONS OF LOUISIANA...MISSISSIPPI...AND ALABAMA...AND OVER THE FLORIDA PANHANDLE.

REPEATING THE 7 AM CDT POSITION...25.7 N... 87.7 W. MOVEMENT TOWARD...WEST-NORTHWEST NEAR 12 MPH. MAXIMUM SUSTAINED WINDS...160 MPH. MINIMUM CENTRAL PRESSURE... 908 MB.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 10 AM CDT.

FORECASTER KNABB/PASCH

WWW

NHC Forecast Advisory

TCMAT2

HURRICANE KATRINA SPECIAL FORECAST/ADVISORY NUMBER 22

NWS TPC/NATIONAL HURRICANE CENTER MIAMI FL AL122005

1200Z SUN AUG 28 2005

A HURRICANE WARNING IS IN EFFECT FOR THE NORTH CENTRAL GULF COAST FROM MORGAN CITY LOUISIANA EASTWARD TO THE ALABAMA/FLORIDA BORDER...INCLUDING THE CITY OF NEW ORLEANS AND LAKE PONTCHARTRAIN. A HURRICANE WARNING MEANS THAT HURRICANE CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

A TROPICAL STORM WARNING AND A HURRICANE WATCH ARE IN EFFECT FROM EAST OF THE ALABAMA/FLORIDA BORDER TO DESTIN FLORIDA...AND FROM WEST OF MORGAN CITY TO INTRACOASTAL CITY LOUISIANA. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS. A HURRICANE WATCH MEANS THAT HURRICANE CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...GENERALLY WITHIN 36 HOURS.

A TROPICAL STORM WARNING IS ALSO IN EFFECT FROM DESTIN FLORIDA EASTWARD TO INDIAN PASS FLORIDA...AND FROM INTRACOASTAL CITY LOUISIANA WESTWARD TO CAMERON LOUISIANA.

HURRICANE CENTER LOCATED NEAR 25.7N 87.7W AT 28/1200Z
POSITION ACCURATE WITHIN 10 NM

PRESENT MOVEMENT TOWARD THE WEST-NORTHWEST OR 300 DEGREES AT 10 KT

ESTIMATED MINIMUM CENTRAL PRESSURE 908 MB
EYE DIAMETER 25 NM
MAX SUSTAINED WINDS 140 KT WITH GUSTS TO 170 KT.
64 KT..... 75NE 75SE 50SW 75NW.
50 KT.....100NE 100SE 75SW 100NW.
34 KT.....160NE 160SE 125SW 140NW.
12 FT SEAS..275NE 150SE 150SW 275NW.
WINDS AND SEAS VARY GREATLY IN EACH QUADRANT. RADII IN NAUTICAL MILES ARE THE LARGEST RADII EXPECTED ANYWHERE IN THAT QUADRANT.

REPEAT...CENTER LOCATED NEAR 25.7N 87.7W AT 28/1200Z
AT 28/0600Z CENTER WAS LOCATED NEAR 25.2N 86.8W

FORECAST VALID 28/1800Z 26.3N 88.4W
MAX WIND 140 KT...GUSTS 170 KT.
64 KT... 75NE 75SE 50SW 75NW.
50 KT...100NE 100SE 75SW 100NW.
34 KT...160NE 160SE 125SW 140NW.

FORECAST VALID 29/0600Z 28.0N 89.4W
MAX WIND 140 KT...GUSTS 170 KT.
64 KT... 75NE 75SE 50SW 75NW.
50 KT...100NE 100SE 75SW 100NW.
34 KT...160NE 160SE 125SW 140NW.

FORECAST VALID 29/1800Z 30.0N 89.8W

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MAX WIND 135 KT...GUSTS 165 KT.
64 KT... 75NE 75SE 50SW 50NW.
50 KT...100NE 100SE 75SW 75NW.
34 KT...160NE 160SE 125SW 125NW.

FORECAST VALID 30/0600Z 32.3N 89.3W...INLAND
MAX WIND 65 KT...GUSTS 80 KT.
50 KT... 60NE 60SE 30SW 30NW.
34 KT... 90NE 90SE 60SW 60NW.

FORECAST VALID 31/0600Z 37.5N 86.0W...INLAND
MAX WIND 35 KT...GUSTS 45 KT.
34 KT... 75NE 75SE 50SW 50NW.

EXTENDED OUTLOOK. NOTE...ERRORS FOR TRACK HAVE AVERAGED NEAR 250 NM
ON DAY 4 AND 325 NM ON DAY 5...AND FOR INTENSITY NEAR 20 KT EACH DAY

OUTLOOK VALID 01/0600Z 42.0N 79.0W...EXTRATROPICAL
MAX WIND 30 KT...GUSTS 40 KT.

OUTLOOK VALID 02/0600Z 47.0N 70.0W...EXTRATROPICAL
MAX WIND 25 KT...GUSTS 35 KT.

REQUEST FOR 3 HOURLY SHIP REPORTS WITHIN 300 MILES OF 25.7N 87.7W

NEXT ADVISORY AT 28/1500Z

FORECASTER KNABB

WWWWW

NHC Forecast Discussion

TCDAT2

HURRICANE KATRINA SPECIAL DISCUSSION NUMBER 22

NWS TPC/NATIONAL HURRICANE CENTER MIAMI FL

8 AM EDT SUN AUG 28 2005

THE PURPOSE OF THIS SPECIAL ADVISORY IS TO REVISE THE INTENSITY OF KATRINA TO CATEGORY FIVE. AN AIR FORCE HURRICANE HUNTER AIRCRAFT REPORTED A PEAK 700 MB FLIGHT-LEVEL WIND OF 153 KNOTS...WHICH CORRESPONDS TO MAXIMUM SURFACE WINDS OF ABOUT 140 KNOTS. OBVIOUSLY...THE BIG QUESTION IS HOW STRONG KATRINA WILL BE AT LANDFALL. WE HAVE VERY LIMITED SKILL IN PREDICTING THIS. FLUCTUATIONS IN INTENSITY...DUE TO EYEWALL REPLACEMENTS...ARE LIKELY DURING THE NEXT 24 HOURS. NEVERTHELESS...KATRINA IS EXPECTED TO BE A DEVASTATING CATEGORY FOUR OR FIVE HURRICANE AT LANDFALL.

NO CHANGES TO THE TRACK OR WIND RADII FORECASTS HAVE BEEN MADE.

FORECASTER PASCH/KNABB

FORECAST POSITIONS AND MAX WINDS

INITIAL	28/1200Z	25.7N	87.7W	140 KT
12HR VT	28/1800Z	26.3N	88.4W	140 KT
24HR VT	29/0600Z	28.0N	89.4W	140 KT
36HR VT	29/1800Z	30.0N	89.8W	135 KT
48HR VT	30/0600Z	32.3N	89.3W	65 KT...INLAND
72HR VT	31/0600Z	37.5N	86.0W	35 KT...INLAND
96HR VT	01/0600Z	42.0N	79.0W	30 KT...EXTRATROPICAL
120HR VT	02/0600Z	47.0N	70.0W	25 KT...EXTRATROPICAL

WWW