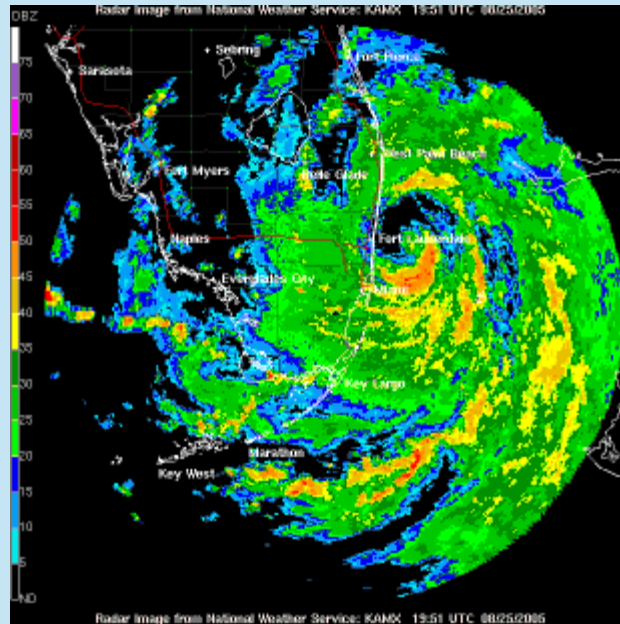


Hurricane Katrina

August 25, 2005

[The National Climatic Data Center Summary of Katrina \(pdf\)](#)

[National Hurricane Center Summary of Hurricane Katrina \(pdf\)](#)



Hurricane Katrina nearing landfall over south Florida (Miami Radar image)

POST TROPICAL CYCLONE REPORT...HURRICANE KATRINA
NATIONAL WEATHER SERVICE MELBOURNE FL
930 AM EDT TUE AUG 30 2005

COUNTIES INCLUDED...BREVARD...INDIAN RIVER...ST. LUCIE...MARTIN...
OKEECHOBEE...OSCEOLA.

A. WIND DATA

ASOS/AWOS...HIGHEST SUSTAINED WIND (2-MINUTE AVERAGE)

COUNTY	CITY (SID)	DIR/SPD (KT)	DATE/TIME (UTC)
BREVARD	MELBOURNE (MLB)	070/26	08/25/05...2042Z
INDIAN RIVER	VERO BEACH (VRB)	150/24	08/25/05...1051Z
ST. LUCIE	FT. PIERCE (FPR)	120/24	08/25/05...0633Z

OTHER OFFICIAL HIGHEST SUSTAINED WIND OBSERVATIONS (2-MINUTE AVERAGE)

COUNTY	CITY (SID)	DIR/SPD (KT)	DATE/TIME (UTC)
BREVARD	NASA SLF (KTTS)	070/15	08/25/05...1520Z
BREVARD	PATRICK AFB (KCOF)	070/25	08/25/05...1555Z

ASOS/AWOS...HIGHEST GUST

COUNTY	CITY (SID)	DIR/SPD (KT)	DATE/TIME (UTC)
BREVARD	MELBOURNE (MLB)	060/31	08/25/05...2035Z
INDIAN RIVER	VERO BEACH (VRB)	150/30	08/25/05...1051Z
ST. LUCIE	FT. PIERCE (FPR)	140/31	08/25/05...1032Z

OTHER OFFICIAL HIGHEST GUST OBSERVATIONS

COUNTY	CITY (SID)	DIR/SPD (KT)	DATE/TIME (UTC)
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BREVARD.....NASA SLF (KTTS)....070/40.....08/25/05...1518Z
BREVARD.....PATRICK AFB (KCOF).070/31.....08/25/05...1556Z

MARINE BUOY 41009 (20 NM E PORT CANAVERAL) WINDS
HIGHEST SUSTAINED (DIR/SPD)...070/23 AT 08/25/05...1550Z (8-MIN AVG)
HIGHEST GUST (DIR/SPD).....070/29 AT 08/25/05...1550Z

MARINE BUOY 41010 (120 NM E PORT CANAVERAL) WINDS
HIGHEST SUSTAINED (DIR/SPD)...120/31 AT 08/25/05...1720Z (8-MIN AVG)
HIGHEST GUST (DIR/SPD).....120/38 AT 08/25/05...1720Z

OTHER GUST OBSERVATIONS (UNOFFICIAL)
COUNTY.....LOCATION.....DIR/SPD (KT)...DATE/TIME (UTC)
MARTIN.....JUPITER INLET.....NE/56.....08/25/05...1315Z

B. PRESSURE DATA

ASOS/AWOS...LOWEST MEAN SEA LEVEL PRESSURE

COUNTY.....CITY.....PRES/MB....DATE/TIME (UTC)
BREVARD.....MELBOURNE (MLB).....1010.5.....08/25/05...1847Z
INDIAN RIVER..VERO BEACH (VRB).....1008.8.....08/25/05...2250Z
ST. LUCIE.....FT. PIERCE (FPR).....1008.8.....08/25/05...2239Z
OSCEOLA.....KISSIMMEE (ISM).....1011.9.....08/25/05...2046Z

OTHER OFFICIAL MINIMUM SEA LEVEL PRESSURE OBSERVATIONS
COUNTY.....CITY (SID).....PRES/MB....DATE/TIME (UTC)
BREVARD.....NASA SLF (KTTS).....1011.7.....08/25/05...2155Z
BREVARD.....PATRICK AFB (KCOF)...1010.8.....08/25/05...2355Z

MARINE BUOYS LOWEST PRESSURE (MB)
41009.....20 E PORT CANAVERAL.....1011.8.....08/25/05...2350Z
41010.....120 E PORT CANAVERAL.....1012.9.....08/25/05...0850Z

OTHER MINIMUM SEA LEVEL PRESSURE OBSERVATIONS (UNOFFICIAL)
COUNTY.....LOCATION.....PRES/MB....DATE/TIME (UTC)
MARTIN.....JUPITER INLET.....1002.4.....08/25/05...2026Z

C. STORM TOTAL RAINFALL

RADAR RAINFALL ESTIMATES OF 2 TO 3 INCHES COVERED EASTERN AND
SOUTHERN MARTIN COUNTY...SOUTHERN OSCEOLA...AND WESTERN INDIAN RIVER
COUNTIES.

ASOS/COOP RAINFALL 08/25/2005 (24-HOUR TOTALS)

COUNTY.....LOCATION.....TOTAL RAINFALL (IN)

BREVARD.....MELBOURNE ARPT.....0.51
BREVARD.....MELBOURNE NWS.....0.67
BREVARD.....PALM BAY COOP.....0.27
BREVARD.....TITUSVILLE COOP.....0.17
OSCEOLA.....KISSIMMEE COOP.....0.40
OKEECHOBEE.....OKEECHOBEE COOP.....0.70
INDIAN RIVER....VERO BEACH ARPT.....0.50
ST. LUCIE.....FT. PIERCE COOP.....0.65
MARTIN.....PORT SALERNO COOP....1.86
MARTIN.....NETTLES ISLAND COOP..0.81

OTHER OFFICIAL RAINFALL TOTALS

COUNTY.....LOCATION.....TOTAL RAINFALL (IN)

BREVARD....SHUTTLE LANDING FACILITY...0.21
BREVARD....PATRICK AFB.....0.18
OSCEOLA....KISSIMMEE LAKE (SFWMD).....1.40
OSCEOLA....YEEHAW JUNCTION W. (SFWMD).0.61
OKEECHOBEE.OKEECHOBEE W. (SFWMD).....0.18

ADDITIONAL RAINFALL OBSERVATIONS (UNOFFICIAL)
LOCATION.....RAINFALL (IN)
JUPITER INLET.....0.31

D. STORM TIDES AND HEIGHTS
TRIDENT PIER GAGE AT PORT CANAVERAL INDICATED TIDES 0.5 TO 1.0 FOOT
ABOVE NORMAL.

E. BEACH AND INTRACOASTAL EROSION...NONE REPORTED.

F. FLOODING...NONE.

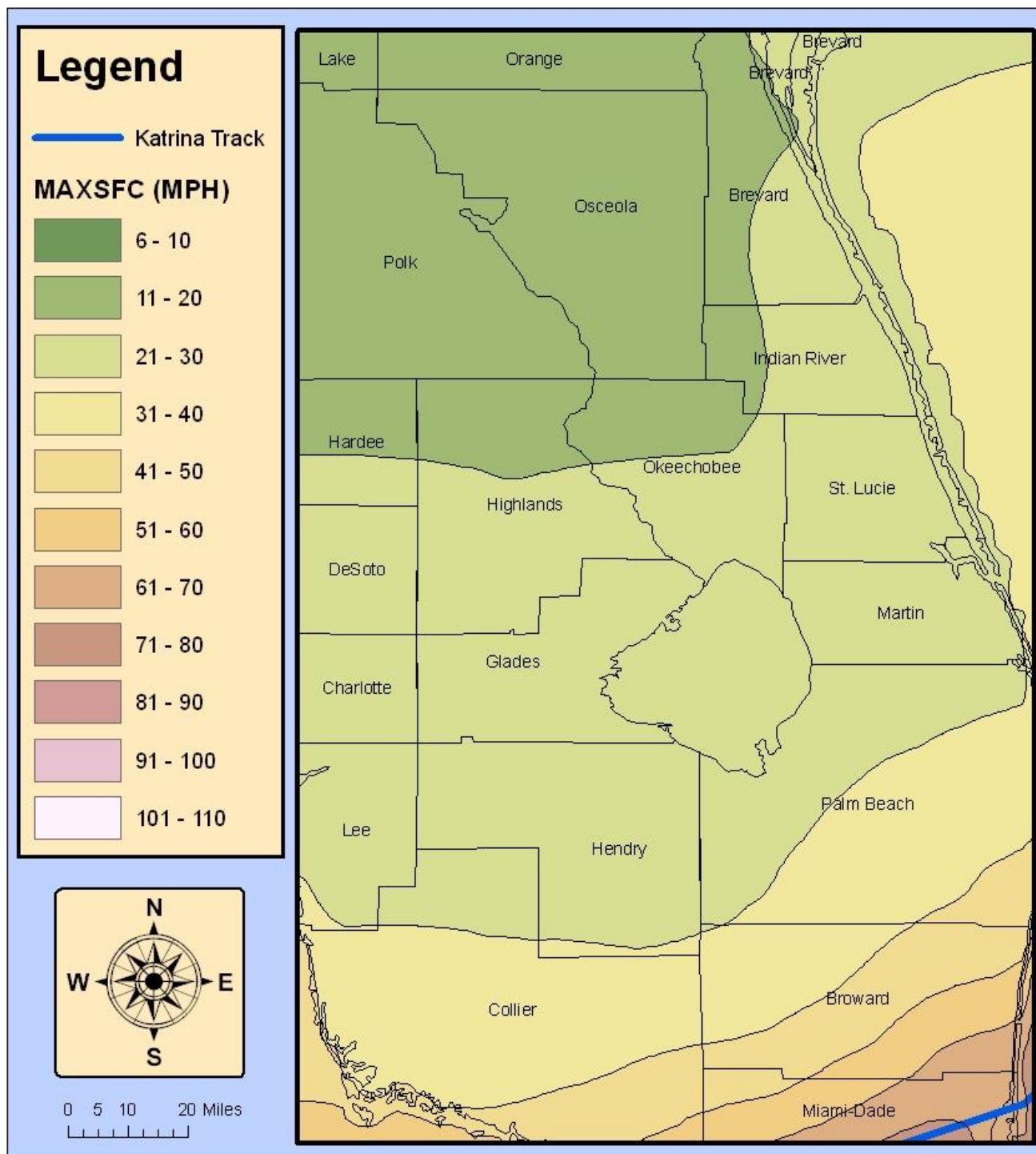
G. TORNADOES...NONE.

H. STORM EFFECTS...NONE.

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SPRATT/TURNER/CANNON

Katrina Winds from HRD MAXSFC (MPH)



Map by Dave Jacobs, WFO Melbourne

For more information visit: http://www.aoml.noaa.gov/hrd/data_sub/wind.html

The Swath of Katrina's Winds (Data from [HRD](#))