

HURRICANE DANNY FINAL REPORT
NATIONAL WEATHER SERVICE MOBILE AL
1000 AM CDT TUE AUG 20 1985

THE FOLLOWING IS A FINAL REPORT ON THE EFFECTS OF HURRICANE DANNY ON THE COUNTY WARNING AREA OF WSO MOBILE, AS REQUIRED BY THE NWS OPERATIONS MANUAL.

- A) HIGHEST SUSTAINED WIND RECORDED AT THE WSO: 18 KNOTS AT 1410Z 8/15/85
PEAK GUST RECORDED AT THE WSO: 30 KNOTS AT 1854Z, 8/15/85
KEESLER AFB (BIX) RECORDED WIND GUSTS TO 43 KNOTS NEAR 18Z, 8/15/85
- B) LOWEST SEA LEVEL PRESSURE: 1012.2 MB AT 0045Z, 8/16/85
- C) RAINFALL SINCE 00Z 8/14/85 (AMOUNTS AND DURATION):
MAXIMUM 1 HOUR AMOUNT: 0.83 INCHES, 1730-1830Z, 8/14/85
MAXIMUM 6 HOUR AMOUNT: 1.08 INCHES, 1730-2330Z, 8/14/85
MAXIMUM 12 HOUR AMOUNT: 1.15 INCHES, 0900-2100Z, 8/15/85
MAXIMUM 24 HOUR AMOUNT: 2.06 INCHES, 1700Z 8/14-1700Z 8/15/85
IN BAY ST. LOUIS MS, THE HANCOCK COUNTY CIVIL DEFENSE OFFICE MEASURED 1.9 INCHES OF RAIN IN THE 24 HOURS ENDING AT 8 AM CDT THURSDAY, 8/15/85, AND 5.0 INCHES IN THE 24 HOURS ENDING AT 8 AM CDT FRIDAY, 8/16/85. 4.5 INCHES FELL BETWEEN 13Z AND 18Z 8/15/85. IN THE NORTHWEST CORNER OF HARRISON COUNTY A 24 HOUR RAIN TOTAL OF 4.5 INCHES WAS REPORTED ENDING AT 01Z 8/16/85, MOST OF WHICH REPORTEDLY FELL IN A 2 HOUR PERIOD BETWEEN 15Z AND 17Z ON 8/15/85.
- D) MAXIMUM TIDE HEIGHT AT THE MOUTH OF THE MOBILE RIVER: 2.6 FEET, RECORDED AT 2002Z, 8/15/85. THIS WAS 1.6 FEET ABOVE THE NORMAL TIDE FOR 20Z.
THE MOBILE COUNTY SHERIFFS OFFICE REPORTED THAT TIDES REACHED AS HIGH AS 3 FEET ABOVE NORMAL ON THE WEST END OF DAUPHIN ISLAND NEAR THE TIME OF THE ASTRONOMICAL TIDE 8/15/85.
(ASTRONOMICAL HIGH TIDE OCCURED AT 1600Z)
- E) OFFICIALS DESCRIBED BEACH EROSION AS CONSIDERABLE ALONG THE HARRISON AND HANCOCK COUNTY MISSISSIPPI SHORELINES. SOME BEACH EROSION WAS ALSO REPORTED ON DAUPHIN ISLAND.
- F) CONSIDERABLE FLOODING OF STREETS AND LOW LYING AREAS WAS REPORTED IN HANCOCK COUNTY MISSISSIPPI. OTHERWISE, MINOR TIDAL FLOODING IN LOW LYING AREAS WAS REPORTED ALONG THE MISSISSIPPI AND ALABAMA COASTS.
- G) A WATERSPOUT WAS REPORTED BY A PILOT OVER MOBILE BAY AT 2136Z, 8/15/85.
- H) ACCORDING TO THE CORPS OF ENGINEERS, ON THURSDAY 8/15/85, WAVES FROM THE GULF WERE BREAKING ON THE DAUPHIN ISLAND GULF FISHING PIER. ACCORDING TO THE PIER OPERATOR THE SEA LEVEL IS USUALLY ABOUT 10 FEET BELOW THE PIER LEVEL. ALSO, REPORTS INDICATE THAT TIDAL FLOODING COVERED THE PAVED PORTION OF THE MAIN ROAD ON DAUPHIN ISLAND TO A DEPTH OF TWO FEET, EFFECTIVELY CUTTING OFF TRANSPORTATION TO THE WESTERN HALF OF THE ISLAND.