

000
TTAA00 KHOU 172014

PRELIMINARY STORM REPORT
NATIONAL WEATHER SERVICE HOUSTON/GALVESTON TX
315 PM CDT TUE OCT 17 1989

THE FOLLOWING RELATES TO THE EFFECTS OF HURRICANE JERRY

A. WIND...

HIGHEST SUSTAINED WIND AND PEAK GUSTS...

HOUSTON INTERCONTINENTAL AIRPORT...10/15/89
SUSTAINED WIND...NORTHEAST...18 KNOTS 0150 UTC 10/16/89
(21 MPH 2050 PM CDT) 10/15/89
PEAK GUSTS.....NORTHEAST...29 KNOTS 0310 UTC 10/16/89
(33 MPH 2210 PM CDT) 10/15/89

HOUSTON HOBBY AIRPORT.....10/15/89
SUSTAINED WIND...NORTHEAST...25 KNOTS 2350 UTC 10/15/89
(29 MPH 1850 PM CDT) 10/15/89
PEAK GUSTS.....NORTHEAST 32 KNOTS 2250 UTC 10/15/89
(37 MPH 1750 PM CDT) 10/15/89

GALVESTON WSO.....10/15/89
SUSTAINED WIND...NORTHEAST...40 KNOTS 0100 AND 0200 UTC
10/16/89
(46 MPH 2000 AND 2100 PM CDT)
10/15/89
PEAK GUSTS.....NORTHEAST...74 KNOTS 0054 UTC 10/16/89
(85 MPH 1954 PM CDT) 10/15/89

SCHOLES FIELD GALVESTON
SUSTAINED WIND...SOUTHEAST...65 KNOTS 0036 UTC 10/16/89
(75 MPH 1936 CDT) 10/15/89
PEAK GUSTS..... ..87 KNOTS 0034 UTC 10/16/89
(100 MPH 1934 CDT) 10/15/89

LOST POWER AT 0045 UTC 10/16/89...
ESTIMATED SUSTAINED WIND...SOUTH 70 KTS AT 0100 UTC 10/16/89
(81 MPH AT 2000 CDT 10/15/89
ESTIMATED PEAK GUST..SOUTH 90 TO 100 KTS AT 0100 UTC 10/16/89
(104 TO 115 MPH AT 2000 CDT 10/15/89)
ESTIMATED PEAK GUST OCCURRED ABOUT THE TIME A TORNADO STRUCK
THE BUILDING ACROSS THE STREET FROM THE GALVESTON, TEXAS,
CONTRACT WEATHER OBSERVATION STATION AT SCHOLES FIELD ON
GALVESTON ISLAND.

B. LOWEST SEA LEVEL PRESSURE.....

HOUSTON INTERCONTINENTAL AIRPORT...997.97 MB...0258 UTC
10/16/89
(29.47 IN AT 2158 CDT

HOUSTON HOBBY AIRPORT.....997.0 MB... 0250 UTC
10/16/89
(29.44 IN AT 2150 CDT

WSO GALVESTON.....994.2 MB... 0018 UTC
10/16/89
(29.36 IN AT 1918 CDT

SCHOLES FIELD GALVESTON.....987.6 MB... 0034 UTC
10/16/89
(29.16 IN AT 1934 CDT

C. STORM RAINFALL AMOUNTS....

HOUSTON INTERCONTINENTAL AIRPORT...24 HOUR ENDING 1200 UTC
TRACE 10/16/89

HOBBY AIRPORT.....24 HOUR ENDING 1200 UTC
0.14 10/16/89

WSO GALVESTON.....24 HOUR ENDING 1200 UTC
1.46 10/16/89

SCHOLES FIELD GALVESTON.....24 HOUR ENDING 1200 UTC
1.17 10/16/89

HOUSTON AREA WSO ALVIN TEXAS.....24 HOUR ENDING 1200 UTC
0.25 10/16/89

DOWNTOWN HOUSTON.....24 HOUR ENDING 1200 UTC
NONE 10/16/89

ANAHUAC, TEXAS IN CHAMBERS COUNTY..24 HOUR ENDING 1200 UTC
4.50 10/16/89

D. MAXIMUM STORM TIDE HEIGHTS...

GALVESTON TEXAS...FLAGSHIP PIER (PIER 25) 6.0 FT. MSL AT
0100 UTC 10/16/89 (2000 CDT 10/15/89)

BAYTOWN TEXAS.....7.0 FT. MSL AT 0200 UTC 10/16/89
(2100 CDT 10/15/89)

ANAHUAC, TEXAS IN CHAMBERS COUNTY...5.3 FT MSL AT APPROX 000
UTC 10/16/89 (2100 CDT 10/15/89)

NORTHWEST GALVESTON BAY...NEAR THE ENTRANCE OF THE HOUSTON SHIP CHANNEL...UNOFFICIAL REPORTS OF TIDE SURGING TO 8 FT. ABOVE MSL AT APPROXIMATELY 0200 UTC 10/16/89 (2100 CDT 10/15/89).

E. EXTENT OF BEACH EROSION...

LIGHT BEACH EROSION ON THE WEST END OF GALVESTON ISLAND AND ON BOLIVAR PENINSULA.

F. FLOODING AND/OR FLASH FLOODING IN THE COUNTY WARNING AREA...

CONSIDERABLE COASTAL FLOODING ON GALVESTON ISLAND...BOLIVAR PENINSULA...AND ALONG THE WEST AND NORTH SHORE OF GALVESTON BAY.

G. TORNADOES...

GALVESTON COUNTY...TORNADO REPORTED AT THE INTERSECTION OF 83RD STREET AND AIRPORT BLVD. IN GALVESTON, TEXAS AT 0055 UTC 10/16/89 (1955 CDT 10/15/89). GALVESTON FIRE DEPARTMENT REPORTED ROOFS BLOWN OFF BUILDINGS.

HARRIS COUNTY...TORNADO REPORTED AT I-45 AT WEBSTER, TEXAS, AT 0118 UTC 10/16/89 (2018 CDT 10/15/89).

GALVESTON COUNTY...TORNADO REPORTED AT THE INTERSECTION OF JACKSON AND DELANEY STREETS IN HITCHCOCK, TEXAS AT 0157 UTC 10/16/89 (2057 CDT 10/15/89).

GALVESTON COUNTY...TORNADO REPORTED AT THE INTERSECTION OF HWY 646 AND HWY 517 IN LEAGUE CITY AT 0220 UTC 10/16/89 (2120 CDT 10/15/89).

EASTERN HARRIS COUNTY...TORNADO REPORTED IN BAYTOWN AT TEXAS AVENUE AND MAIN STREET AT 0305 UTC 10/16/89 (2205 CDT 10/15/89).

CHAMBERS COUNTY...TORNADO REPORTED AT 8416 OCEAN DRIVE IN BEACH CITY ADJACENT TO TRINITY BAY AT 0324 UTC 10/16/89 (2224 CDT 10/15/89). SOME STRUCTURAL DAMAGE REPORTED.

POLK COUNTY...TORNADO REPORTED ON HWY 146 SOUTH OF LIVINGSTON AT 0650 UTC 10/16/89 (0050 CDT 10/15/89).

H. PRELIMINARY STORM EFFECTS...

TORNADO INJURIES...NONE KNOWN.

PEOPLE EVACUATED...VOLUNTARY EVACUATIONS FROM THE WEST END OF

GALVESTON ISLAND AND BOLIVAR PENINSULA.

DEATHS...THREE CONFIRMED...A 24 YEAR OLD U.S. COAST GUARD SEAMAN AND HIS TWO YEAR OLD DAUGHTER. BOTH WERE FOUND NEAR 61ST STREET PIER SUNDAY NIGHT 10/16/89 UTC (10/15/89 CDT). THE TRUCK THEY WERE RIDING IN WAS FOUND ABOUT 20 BLOCKS AWAY IN THE GULF OF MEXICO. THE THIRD WAS THE APPARENT OWNER AND DRIVER OF THE ABOVE MENTIONED TRUCK...ALSO A COAST GUARD SEAMAN, AGE 19.

STORM INJURIES...SEVERAL PEOPLE INJURED FROM FLYING GLASS. IN ADDITION, ONE PERSON REPORTED SUFFERING A HEART ATTACK AND ANOTHER SUSTAINING A BROKEN LEG DUE TO BEING STRUCK BY A FALLING TREE.

DOLLAR DAMAGE...IN EXJCESS OF 15 MILLION DOLLARS.