

451

WWUS41 KMOB 232151

PSHMOB

PRELIMINARY STORM REPORT...HURRICANE DANNY

NATIONAL WEATHER SERVICE MOBILE AL

445 PM CDT WED JULY 23 1997

PRELIMINARY STORM REPORT FOR HURRICANE DANNY

A. HIGHEST WINDS (TAKEN FROM ASOS UNLESS OTHERWISE STATED)...

MOBILE REGIONAL AIRPORT...MOB

SUSTAINED WIND 31 K FROM 350 DEGREES AT 1736 UTC ON 7/19/97

PEAK GUST 39 K FROM 340 DEGREES AT 1736 UTC ON 7/19/97

PENSACOLA REGIONAL AIRPORT...PNS

SUSTAINED WINDS 31 K FROM 120 DEGREES AT 0208 UTC ON 7/20/97

PEAK GUST 41 K FROM 130 DEGREES AT 0119 UTC ON 7/20/97

CRESTVIEW FLORIDA...CEW

SUSTAINED WIND 20 K FROM 200 DEGREES AT 2008 UTC ON 7/20/97

PEAK GUST 28 K FROM 210 DEGREES AT 2007 UTC ON 7/20/97

DESTIN FLORIDA...DTS

SUSTAINED WIND 19 K FROM 150 DEGREES AT 0722 UTC ON 7/19/97

PEAK GUST 26 K FROM 150 DEGREES AT 0841 UTC ON 7/19/97

EVERGREEN ALABAMA...GZH

SUSTAINED WIND 19 K FROM 100 DEGREES AT 1601 UTC ON 7/20/97

PEAK GUST 23 K FROM 100 DEGREES AT 1600 UTC ON 7/20/97

HURLBURT FIELD AIR FORCE BASE FLORIDA...HRT (NOT ASOS)

SUSTAINED WIND 30 K FROM 090 DEGREES AT 0900 UTC ON 7/19/97

PEAK GUST 38 K FROM 180 DEGREES AT 0809 UTC ON 7/20/97

EGLIN AIR FORCE BASE FLORIDA...VPS (NOT ASOS)

PEAK GUST 32 K AT 1755 UTC ON 7/20/97

PENSACOLA NAVAL AIR STATION...NPA

SUSTAINED WIND 43 K FROM 140 DEGREES AT 0216 UTC ON 7/20/97

PEAK GUST 55 K FROM 140 DEGREES AT 0216 UTC ON 7/20/97

WHITING FIELD IN MILTON...NSE

SUSTAINED WIND 27 K FROM 110 DEGREES AT 0239 UTC ON 7/20/97

PEAK GUST 34 K FROM 140 DEGREES AT 0637 UTC ON 7/20/97

FAIRHOPE AGRICULTURAL EXPERIMENTAL STATION (NOT ASOS)

PEAK GUST 59 K AT 1353 UTC ON 7/20/97

DAUPHIN ISLAND SEA LAB (NOT ASOS)

SUSTAINED WIND 60 K AT 0615 UTC ON 7/19/97
PEAK GUST 75 K AT 0645 UTC ON 7/19/97

ORANGE BEACH HAM RADIO OPERATOR
PEAK GUST 66 K AT 0900 UTC ON 7/19/97

GULF SHORES HAM RADIO OPERATOR
PEAK GUST 70 K AT 1930 UTC ON 7/19/97

GULF SHORES FISHING PIER (NWS EQUIPMENT)
SUSTAINED WIND 61 K AT 1500 UTC ON 7/20/97

B. LOWEST PRESSURE...

MOBILE REGIONAL AIRPORT	1004.4 MB	AT 1023 UTC ON 7/19/97
BROOKLEY FIELD (MOBILE)	1000.7 MB	AT 1104 UTC ON 7/19/97
PENSACOLA REGIONAL	1002.0 MB	AT 0552 UTC ON 7/20/97
CRESTVIEW	1009.1 MB	AT 0930 UTC ON 7/20/97
HURLBURT FIELD	1009.1 MB	AT 0655 UTC ON 7/20/97
EGLIN AFB	1009.9 MB	AT 0730 UTC ON 7/20/97
PENSACOLA NAS	1001.1 MB	
WHITING FIELD (MILTON)	1005.8 MB	
DAUPHIN ISLAND SEA LAB	985.8 MB	AT 1100 UTC ON 7/19/97

C. RAINFALL - 72 HOUR TOTAL ENDING 0600 UTC ON 7/21/97...

MOBILE REGIONAL AIRPORT	13.04 INCHES
PENSACOLA REGIONAL AIRPORT	6.78 INCHES
CRESTVIEW	1.93 INCHES
DESTIN	1.59 INCHES
EVERGREEN	0.55 INCH
HURLBURT FIELD	3.76 INCHES
EGLIN AFB	2.22 INCHES
PENSACOLA NAS	6.43 INCHES
WHITING FIELD (MILTON)	2.23 INCHES
DAUPHIN ISLAND SEA LAB	36.71 INCHES 25.98 INCHES OF THIS FELL FROM 1700 - 2400 ON 7/19/97

NUMEROUS REPORTS OF 25 INCHES AND GREATER AROUND MOBILE BAY
FROM BUCKET SURVEY ON 7/21/97.
ALSO CHOCTAW COUNTY RECEIVED AROUND 15 INCHES OF RAIN ON 7/21

D. STORM TIDES...

LITTLE DAUPHIN ISLAND BAY	5.00 FEET
DAUPHIN ISLAND	2.40 FEET
ALONG HIGHWAY 182 W (ABOUT HALFWAY BETWEEN GULF SHORES AND FORT MORGAN) HIGHEST SURGE	6.54 FEET
GULF BEACH (FL-AL LINE)	2.59 FEET
BAYOU LA BATRE	2.40 FEET

STATE DOCKS ON MOBILE BAY RECORDED A LOW OF -2 FEET...MOST OF
THE WATER IN THE BAY WAS PUSHED OUT BY THE STORM FOR SEVERAL

HOURS. PEOPLE OBSERVING THE BAY HAD NEVER SEEN IT SO LOW. EXCEPT FOR THE RIVER CHANNELS YOU COULD HAVE WALKED ACROSS THE BAY.

E. BEACH EROSION...

NOT MUCH

F. FLOODING...

MAJOR FLOODING IN THE SOUTH PART OF MOBILE COUNTY WHERE THE FOWL RIVER ROSE TO ONE OF ITS HIGHEST LEVELS EVER. THE RIVER STAYED UP FOR A COUPLE OF DAYS. MAJOR FLOODING ALSO IN SOUTH BALDWIN COUNTY WHERE THE FISH RIVER ROSE TO ONE OF ITS HIGHEST LEVELS EVER. THE RIVER PEAKED AT 22.8 FEET ON 7/20/97. ALSO HAD MAJOR FLOODING IN CHOCTAW COUNTY WHERE STREAMS OVERFLOWED AND MANY ROADS WERE WASHED OUT.

G. TORNADOES...

1 IN ORANGE BEACH DAMAGED A MARINA AND BOATS IN IT
1 IN ALABAMA PORT DAMAGED A ROOF AND BLEW SOME TREES DOWN

H. STORM EFFECTS...

MOBILE COUNTY...EARLY ESTIMATES OF 20 MILLION IN DAMAGE. MOST DAMAGE FROM FLOODING. TREES AND POWER LINES WERE BLOWN DOWN. MOST OF THE DAMAGE TO HOMES WAS FROM DAMAGED ROOFS OR EXCESS WATER UNDERMINING THE FOUNDATION.

BALDWIN COUNTY...EARLY ESTIMATES OF 20 MILLION IN DAMAGE. DAMAGE WAS SIMILAR TO MOBILE COUNTY. THE COMMUNITY OF FAIRHOPE SEEMED TO HAVE MORE TREES DOWNED THAN OTHER AREAS.

2 DEATHS ON FRIDAY 7/19/97

1 - SAILBOAT WAS SWAMPED BY HIGH WAVES SOUTH OF GULF SHORES. BODY WAS FOUND IN SURF.

1 - ELDERLY MALE DIED OF A HEART ATTACK WHILE SECURING HIS BOAT FROM THE STORM.

BEELER