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FINAL REPORT...HURRICANE JUAN
NATIONAL WEATHER SERVICE NEW ORLEANS LA
1030 AM CST MON NOV 18 1985

A. HIGHEST SUSTAINED WINDS AND PEAK GUSTS IN KNOTS.

	SUSTAINED	GUSTS	REMARKS
NEW ORLEANS - MSY	SE 30/0730Z	43/0224Z	OCT 28
NEW ORLEANS - NEW	NE 38/0144Z	51/0127Z	OCT 28

B. LOWEST SLP.

	MB	TIME	REMARKS
NEW ORLEANS - MSY	990.5	1210Z	OCT 29
	990.2	0930Z	OCT 31

C. RAINFALL IN INCHES

LOCATION	10/27	10/28	10/29	10/30	TOTAL
NEW ORLEANS - MSY	2.22	4.40	1.84	1.00	9.46
NEW ORLEANS - AUDUBON	2.99	2.29	2.16	1.47	9.01
SLIDELL WSFO	0.60	3.89	0.65	1.91	7.05
PEARL RIVER LOCK	1.00	3.00	1.15	3.05	8.20
GRETNA	5.00	2.75	1.85	0.42	10.02
HAMMAOND		3.20	2.30	2.00	7.50
LACOMBE	0.81	3.30	1.10	1.85	7.06
PONTCHATOULA		2.37	1.67	3.92	7.96
MORGAN CITY	3.62	4.10	1.35	0.34	9.39
PARADIS	4.31	2.60	2.60		9.51

D. MAXIMUM TIDES.

LOCATION	MSL	DATE/TIME (Z)	REMARKS
ORLEANS MARINA	6.30	28/1500	ORLEANS LEVEE BOARD
INDUSTRIAL CANAL	7.12	28/0100	ORLEANS LEVEE BOARD
BAYOU BIENVENUE	8.10	28/0100	ORLEANS LEVEE BOARD
PARIS ROAD - NWS	7.02	29/0100	LAST OB. GAGE FAILED.
RIGOLETS - NWS	5.98	28/1157	
GRAND ISLE	4.91	28/0400	C-MAN

E. UNKNOWN AMOUNT OF BEACH EROSION.

F. TIDAL FLOODING BY PARISHES.

1. ST. BERNARD: APPROXIMATELY 2,000 ACRES AND 400 HOMES WERE FLOODED WITH UP TO 6 FEET OF WATER OUTSIDE THE HURRICANE PROTECTION LEVEE SYSTEM BY 1800Z, SUNDAY, OCT 27, 1985. HARDEST HIT AREAS WERE YSCOLSKEY, DELACROIX AND HOPEDALE.

2. JEFFERSON-WEST BANK

- A. GRAND ISLE: 4 FEET OF WATER WAS REPORTED ON THE WEST END OF THE ISLAND AT 1400Z, MONDAY, OCT 28, 1985.
- B. RECONNAISSANCE FLIGHT OVER GRAND ISLE AT 2000Z, MONDAY, OCT 28, 1985 SHOWED 6,000 FEET OF HURRICANE PROTECTION LEVEE WAS LEVELED; 14,000 FEET, SEVERELY DAMAGED AND REMAINING 18,000 FEET UNDAMAGED.
- C. LAFITTE AND BARATARIA HAD 6 TO 7 FEET OF WATER FLOODING HOMES BY 1920Z, TUE, OCT 29, 1985.
- D. A LOCAL LEVEE WAS OVERTOPPED IN MARRERO BY 1920Z, TUE, OCT 29, 1985. APPROXIMATELY 1200 HOMES WERE INUDATED WITH 4 TO 6 FEET OF WATER.

3. LAFOURCHE

- A. 4 TO 6 FEET OF WATER WAS REPORTED ON LA 308 BETWEEN GOLDEN MEADOW AND GALLIANO AT 1445Z, SUN, OCT 27, 1985.
- B. LOCAL LEVEE FAILURE FLOODING TOWN OF GOLDEN MEADOW AT 1028Z, MON, OCT 28, 1985.
- C. LOCAL LEVEE FAILURE REPORTED AT GALLIANO. WATER OVER TOPPING LEVEE AT LAROSE AT 2000Z, MON, OCT 28, 1985.
- D. OVERALL: UP TO 6 FEET OF WATER FLOODED AREAS FROM LAROSE TO THE COAST. 4 PUMPING STATIONS HAD MAJOR DAMAGE. 1 PUMPING STATION WAS WASHED AWAY. 7,000 HOMES AND BUSINESS AND 72,000 ACRES OF FARM LAND WERE INUDATED. MANY CATTLE DROWNED.

4. TERREBONNE

- A. WATER RISING RAPIDLY AT MONTEGUT AT 1252Z, MON, OCT 28, 1985.
- B. 5 TO 7 FEET OF WATER IN COCODRIE; 4 TO 5 FEET AT DULAC AT 1452Z, MON, OCT 28, 1985.

5. ST. CHARLES

- A. EAST BANK
 - 1. US 61 CLOSED DUE TO RISING WATER AT 1750Z, MON OCT 28, 1985.
 - 2. SEVERAL HUNDRED HOMES ADJACENT TO US 61 HAD UP TO 6 FEET OF WATER BY 2130Z, TUE, OCT 29, 1985.
- B. WEST BANK: SEVERAL FEET OF WATER FLOODING HOMES IN TOWNS OF BAYOU GAUCHE AND DES ALLEMANDS AT 2130Z, TUE OCT 29, 1985.

6. ST. JOHN THE BAPTIST

- A. EAST BANK
 - 1. APPROXIMATELY 14,000 ACRES FLOODED BETWEEN LAKE PONTCHARTRAIN AND US 61. SEVERAL SUBDIVISIONS IN THIS AREA FLOODED.
 - 2. US 61, JUNCTION OF I-10 AND I-55 FLOODED. I-55 CUT FROM LAPLACE TO HAMMOND.
- B. WEST BANK: RESIDENTIAL AREAS ADJACENT TO LAC DES ALLEMANDES FLOODED. ALL REPORTS AT 1755Z, MON OCT 28, 1985.

8. ST. TAMMANY

- A. WATER REPORTED FLOODING HOMES IN SOUTHERN SLIDELL AT 1840Z, AND IN MADISONVILLE AT 2345Z, SUN, OCT 27, 1985.

B. OVERALL: 2,500 HOMES AND SEVERAL THOUSAND ACRES FLOODED BY 1607Z
MON, OCT 28, 1985.

G. TORNADOES. UNCONFIRMED REPORT OF SMALL TORNADO SEVERELY DAMAGING A
HOME IN GOLDEN MEADOW (LAFOURCHE PARISH) AT 0330Z ON 10/27/85.

H. PRELIMINARY STORM EFFECTS

DEATHS	7	
INJURIES	1,357	(TAKEN FROM FEMA 752-DR HAZARD MITIGATION REPORT)
ESTIMATED DAMAGE	\$ 1 BILLION	
NUMBER EVACUATED	700-800	FAMILIES