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TTAA00 KEYW 301417  
POST STORM HURRICANE REPORT  
NATIONAL WEATHER SERVICE KEY WEST FL  
1055 AM EDT FRI AUG 30 1985

THE FOLLOWING IS A SYNOPSIS OF THE WEATHER AND EFFECT UPON THE MIDDLE AND LOWER KEYS DURING THE DEVELOPMENT OF NOW HURRICANE ELENA FROM A DEPRESSION OVER EASTERN CUBA TO A TROPICAL STORM AND FINALLY A HURRICANE AS IT EMERGED INTO THE SOUTHEASTERN GULF OF MEXICO.

HIGHEST SUSTAINED WIND SPEED..KEY WEST 41 MPH FROM S 243 AM EDT 8/29  
WIND GUST.....KEY WEST 56 MPH FROM S 209 AM EDT 8/29  
CONCH KEY 52 MPH ABOUT 11 PM 8/28

LOWEST PRESSURE.....FROM BAROGRAPH CHART 29.855 INCHES  
AT ABOUT 620 PM EDT 8/28

STORM RAINFALL.....TOTAL 1.76 INCHES MOST IN WEE HRS 8/29  
GREATEST IN 1 HR 0.92 IN. 345-445 AM EDT  
GREATEST IN 6 HR 1.72 IN. 12 MID-6 AM EDT  
GREATEST IN 12 HR 1.76 IN.  
GREATEST IN 24 HR 1.76 IN.

TIDE INFORMATION.....TIDES ON THE OCEAN SIDE OF THE KEYS WERE  
FROM 1.5 TO 2.0 FEET ABOVE NORMAL

EXTENT OF BEACH EROSION.....ONLY MINOR EROSION NOTICED

FLOODING AND FLASH FLOODING...INUNDATION OF SOME POORLY DRAINED AREAS  
DUE TO HEAVY RAIN. COASTAL FLOODING ON  
LOWER DUVAL STREET AND SOUTH ROOSEVELT  
BLVD IN KEY WEST AND SOME LOW STREETS AND  
PROPERTY ON OCEAN SIDE OF OTHER KEYS  
INCLUDING BIG PINE KEY

TORNADOES.....NONE

EFFECT OF STORM.....NO DEATHS, 1 INJURY FROM AN AUTOMOBILE  
ACCIDENT THAT WAS POSSIBLY WEATHER RELATED  
DUE TO POOR VISIBILITY. NO PERSONS WERE  
EVACUATED, ALTHOUGH 4 KEYS STATE PARKS  
WERE CLOSED INCLUDING FORT ZACHARY TAYLOR,  
PENNEKEMP, BAHIA HONDA, AND LONG KEY.  
UNDOUBTEDLY SOME RESIDENTS OF MOBILE HOMES  
SPENT THE NIGHT WITH RELATIVES OR FRIENDS  
IN PERMANENT STRUCTURES.

SUMMARY.....ACCORDING TO MONROE COUNTY CIVIL DEFENSE,  
THE MIDDLE AND LOWER KEYS FARED VERY WELL. POWER OUTAGES WERE THE  
MAIN PROBLEM, AND ACCORDING TO A CITY ELECTRIC SPOKEMAN, ABOUT 8,000

PEOPLE WERE WITHOUT POWER AT THE HEIGHT OF THE WIND AND RAIN EARLY THURSDAY MORNING (ABOUT ONE-THIRD OF THE CUSTOMERS). OTHER THAN TREES AND A SIGN (ONE FACE OF THE TRAVELLODGE SIGN ON NORTH ROOSEVELT WAS BLOWN OFF) THE ONLY STRUCTURE TO BE REPORTED DAMAGED WAS THE WOODEN PIER ON HIGG'S BEACH (MONROE COUNTY BEACH) ACCORDING TO MONROE COUNTY C.D.

THE MOST DRAMATIC EFFECT OF THE STORM ON KEY WEST WAS THE SPARKING OF DOWNED POWER LINES THROUGHOUT THE ISLAND AND THE SPRAY AND SEAWEEED WASHING OVER SOUTH ROOSEVELT BOULEVARD. IT TOOK A LARGE CHUNK OF THE DAY THURSDAY FOR CITY WORK CREWS TO CLEAN UP SOUTH ROOSEVELT AND MAKE IT PASSABLE FOR CARS.

PREPAREDNESS BY LOCAL INHABITANTS WAS GOOD. MOST PEOPLE HEEDED WARNINGS AND MADE SOME PREPARATION LIKE LOWERING STORM AWNINGS AND PICKING UP LOOSE OBJECTS.