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U.S. Weather Bureau.

Hurricane Judith, October 17-21, 1959...

U. S. DEPARTMENT OF COMMERCE

WEATHER BUREAU

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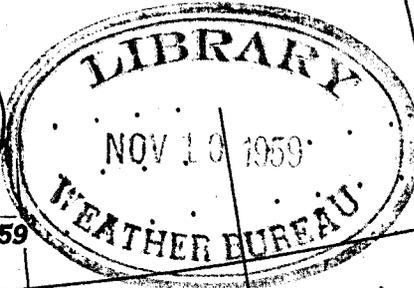
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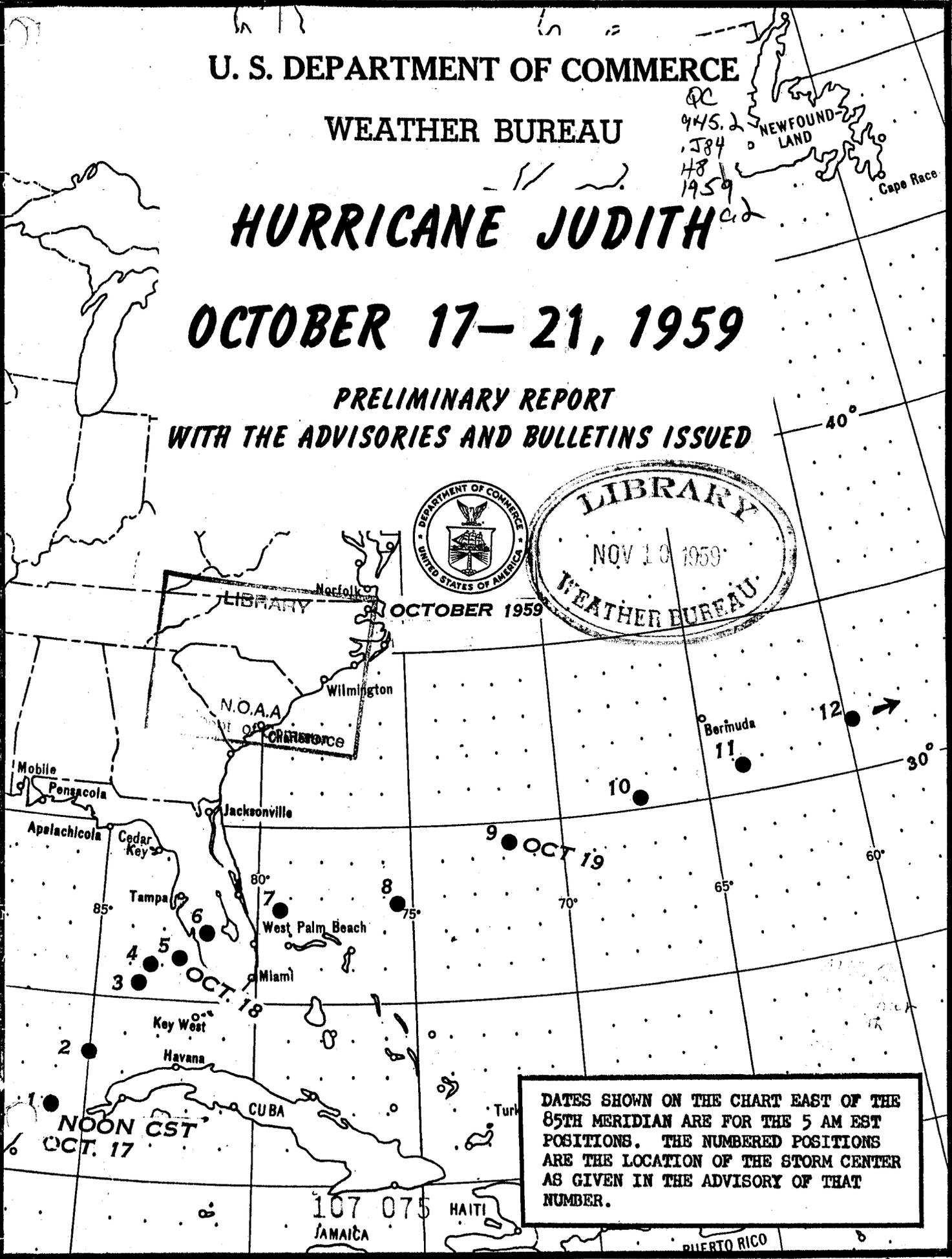
HURRICANE JUDITH

OCTOBER 17-21, 1959

PRELIMINARY REPORT WITH THE ADVISORIES AND BULLETINS ISSUED



LIBRARY OCTOBER 1959



DATES SHOWN ON THE CHART EAST OF THE 85TH MERIDIAN ARE FOR THE 5 AM EST POSITIONS. THE NUMBERED POSITIONS ARE THE LOCATION OF THE STORM CENTER AS GIVEN IN THE ADVISORY OF THAT NUMBER.

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NOON CST
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National Oceanic and Atmospheric Administration Weather Bureau Hurricane Series

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PRELIMINARY REPORT ON HURRICANE "JUDITH"
OCTOBER 17-21, 1959

Hurricane "Judith" originated as a small tropical disturbance in the Yucatan Peninsula at noon on Oct. 17, 1959, at which time the first Advisory was issued. The wind increased to 75 miles an hour in squalls near the center of the storm by 8:30 PM Oct. 17 as the system moved north-northeast toward the Tampa Bay area on the west coast of Florida. The wind decreased in intensity during the night and the storm turned to the northeast. By 8:00 AM Oct. 18, when the center was moving on shore between Ft. Myers and Venice, Florida, wind gusts were reduced to near 55 miles per hour. Ft. Myers reported maximum gusts of 53 miles per hour at 8:30 AM and a nearby beach station reported gusts to 56 miles per hour at 8:45 AM. Tides at Ft. Myers Beach were 2-1/2 feet above normal and were generally two feet above mean sea level in the Tampa Bay area.

The decrease in wind intensity as the storm approached shore, coupled with the fact that landfall did not occur during the time of high tide, resulted in much less damage than would have occurred otherwise. In the Ft. Myers area, damage was confined principally to washouts on several roads, some erosion on beaches, trees blown over and crop damage.

The storm crossed Florida on the north side of Lake Okeechobee and moved out over the Atlantic Ocean near the Ft. Pierce area during the afternoon of Oct. 18. Heavy rains fell in southern Florida.

After entering the Atlantic, the storm gradually regained intensity and was accompanied by 80 mile-an-hour winds as it moved east-northeast, passing south of Bermuda. The storm continued an east-northeasterly course over the Ocean, weakening to gale-force winds on Oct. 21, at which time it was about 580 miles east of Bermuda.

NEW ORLEANS WEATHER BUREAU TROPICAL DEPRESSION ADVISORY NUMBER 1 JUDITH NOON CST OCTOBER 17 1959.

A SMALL TROPICAL DEPRESSION WAS LOCATED IN THE YUCATAN CHANNEL NEAR LATITUDE 22 LONGITUDE 86 AT NOON CST...1800Z... WINDS UP TO 35 MPH AND GUSTS A LITTLE HIGHER ARE OCCURRING OUT 200 MILES TO THE EAST OF THE CENTER OVER WESTERN CUBA AND THE EXTREME SOUTHEAST GULF OF MEXICO.

MOVEMENT IS EXPECTED TO BE TOWARD THE NORTH 10 MPH AND SOME INTENSIFICATION IS LIKELY DURING THE NEXT 12 HOURS.

COLD AIR MOVING SOUTHWARD WILL SPREAD INTO THE NORTHERN GULF TONIGHT. THIS IN COMBINATION WITH THE TROPICAL DEPRESSION WILL CAUSE WINDY WEATHER OVER MOST OF THE GULF AND SMALL CRAFT AROUND THE ENTIRE GULF OF MEXICO SHOULD REMAIN IN PORT.

NEXT ADVISORY WILL BE ISSUED AT 4 PM CST.

KRAFT WEATHER BUREAU NEW ORLEANS

NEW ORLEANS WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 2 JUDITH 4 PM CST OCTOBER 17 1959.

HOIST GALE WARNINGS 4 PM CST ALONG WEST COAST OF FLORIDA FROM CEDAR KEYS SOUTHWARD. SMALL CRAFT AROUND THE ENTIRE GULF OF MEXICO FLORIDA AND THE NORTHWESTERN BAHAMAS SHOULD REMAIN IN SHELTERED AREAS.

JUDITH HAS REACHED STORM INTENSITY AND WILL LIKELY INTENSIFY SOME MORE DURING THE NIGHT. AT 4 PM CST...2200Z... THE CENTER WAS NEAR LATITUDE 23.5 LONGITUDE 85.0 OR ABOUT 200 MILES WEST SOUTHWEST OF KEY WEST FLORIDA MOVING TOWARD THE NORTH NORTHEAST 12 TO 15 MPH. HIGHEST WINDS ARE 50 MPH IN SQUALLS EXTENDING OUT 200 MILES TO THE EAST AND A SHORT DISTANCE TO THE WEST OF THE CENTER.

THE STORM CENTER IS EXPECTED TO CONTINUE MOVING TOWARD THE WEST CENTRAL FLORIDA COAST 12 TO 15 MPH TONIGHT. WINDS SEAS AND TIDES WILL INCREASE TONIGHT AND TIDES UP TO 5 FEET ABOVE NORMAL ARE EXPECTED IN THE TAMPA BAY FORT MYERS AREA. LOCALLY HEAVY RAINS OF 3 TO 6 INCHES ARE EXPECTED OVER THE FLORIDA PENINSULA.

NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST AND THEY WILL ISSUE A BULLETIN AT 8 PM EST.

KRAFT WEATHER BUREAU NEW ORLEANS

LOCAL WEATHER STATEMENT ON TROPICAL STORM JUDITH WEATHER BUREAU TAMPA OCTOBER 17 1959 6 PM.

SOUTH TO SOUTHEASTERLY WINDS IN THE TAMPA BAY AREA INCLUDING SARASOTA AND VICINITY WILL GRADUALLY INCREASE TONIGHT REACHING SPEEDS OF 40 TO 50 MPH BY DAWN SUNDAY. FURTHER INCREASES IN THE SPEED OF THE WIND WILL DEPEND ON HOW MUCH FURTHER TROPICAL STORM JUDITH INTENSIFIES BEFORE REACHING THE WEST CENTRAL FLORIDA COAST.

TIDES WILL INCREASE TO FIVE FEET ABOVE NORMAL FROM TAMPA BAY SOUTHWARD WITH HIGHEST TIDES MOST LIKELY SUNDAY FORENOON OR EARLY AFTERNOON. ALL INTERESTS SHOULD TAKE PRECAUTIONS AGAINST THESE HIGH TIDES ESPECIALLY ALONG THE GULF BEACHES FROM CLEARWATER SOUTHWARD TO PUNTA GORDA AND BOCA GRANDE. THE HEAVY RAINS ASSOCIATED WITH THE STORM WILL DUMP UP TO 6 INCHES OF WATER ALONG THE SUNCOAST AND RESIDENTS IN LOW LYING AREAS SHOULD BE ON THE ALERT FOR POSSIBLE FLOODING.

THE MOST PROBABLE PATH OF THE CENTER OF THE STORM IS TOWARD TAMPA BAY. IF IT CONTINUES TO MOVE AT ITS PRESENT RATE OF SPEED THE CENTER OF THE STORM WOULD BE IN THE TAMPA BAY AREA SUNDAY AFTERNOON.

THE NEXT LOCAL STATEMENT REGARDING THE PROGRESS OF THIS STORM WILL BE ISSUED BY THIS OFFICE AT 9 PM EST TONIGHT SATURDAY OCTOBER 17 1959.

FERRY WEATHER BUREAU TAMPA

MIAMI WEATHER BUREAU TROPICAL STORM BULLETIN JUDITH FOR PRESS RADIO AND TV 8 PM EST OCTOBER 17 1959.

HURRICANE WATCH INDICATED WEST FLORIDA COAST FROM FORT MYERS TO CEDAR KEYS. GALE WARNINGS DISPLAYED FROM CEDAR KEYS SOUTHWARD THROUGH THE KEY WEST DISTRICT. SMALL CRAFT ON BOTH THE ATLANTIC AND GULF COASTS OF FLORIDA SHOULD IMMEDIATELY SEEK SAFETY AND REMAIN IN HARBOR UNTIL THE STORM PASSES. SMALL CRAFT ELSEWHERE ON THE GULF COAST SHOULD REMAIN IN SHELTERED AREAS.

AS IS OFTEN THE CASE IN CONNECTION WITH A TROPICAL STORM IN AN EARLY STAGE WITH RELATIVELY POOR ORGANIZATION REPORTS IN THE VICINITY OF TROPICAL STORM JUDITH DURING THE PAST FEW HOURS HAVE BEEN RATHER CONFLICTING. HOWEVER AT 8 PM EST THE CENTER OF THE TROPICAL STORM APPEARS TO BE ABOUT 130 MILES SOUTHWEST OF NAPLES FLORIDA MOVING NORTH NORTHEASTWARD 12 TO 15 MPH.

BETWEEN 5 AND 7 PM EST DRY TORTUGAS REPORTED ABOUT 50 MPH DROPPING OFF A FEW MILES AT 7 PM. AT 5 PM THE MOTOR VESSEL ITALSOLE APPARENTLY PASSED THROUGH THE CENTER WITH LOWEST PRESSURE 999 MILLIBARS OR 29.50 INCHES AND MAXIMUM WINDS 50 MPH. A LITTLE BIT LATER ANOTHER SHIP NEAR THE CENTER INDICATED SQUALLS OF NEAR HURRICANE FORCE. THESE REPORTS WOULD INDICATE CONTINUED INTENSIFICATION.

THE STORM CENTER IS EXPECTED TO CONTINUE MOVING TOWARDS THE WEST CENTRAL FLORIDA COAST AT 12 TO 15 MPH REACHING THE COAST NOT FAR FROM THE TAMPA BAY AREA LATE TONIGHT OR SUNDAY MORNING ATTENDED BY SQUALLS OF 50 TO 70 MPH AND TIDES UP TO 5 FEET ABOVE NORMAL PARTICULARLY FROM THE TAMPA BAY AREA SOUTHWARD TO FORT MYERS AND 2 TO 3 FEET ABOVE NORMAL AS FAR SOUTH AS EVERGLADES CITY. HEAVY RAINS OF 3 TO 6 INCHES ARE EXPECTED OVER MUCH OF THE FLORIDA PENINSULA.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST OR SOONER IF WARRANTED.

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE JUDITH ADVISORY NUMBER 3 830 PM EST OCTOBER 17 1959.

HOIST EMERGENCY HURRICANE WARNINGS 830 PM EST SATURDAY OCTOBER 17 1959 ON THE FLORIDA WEST COAST PUNTA GORDA TO CEDAR KEYS AND GALE WARNINGS ELSEWHERE SOUTH OF ST MARKS THROUGH THE KEY WEST DISTRICT AND ON THE EAST COAST FROM JUPITER FLORIDA TO SAVANNAH GEORGIA. JUDITH HAS CONTINUED TO INTENSIFY THROUGHOUT THE AFTERNOON AND EARLY EVENING AND HAS NOW REACHED BARELY HURRICANE INTENSITY. HURRICANE JUDITH IS NOW CENTERED ABOUT 130 MILES SOUTHWEST OF NAPLES FLORIDA. SAFETY PRECAUTIONS SHOULD BE STARTED IMMEDIATELY IN THE AREA OF HURRICANE DISPLAY AND COMPLETED WITH ALL POSSIBLE RAPIDITY. DUE TO THE BRIEF LIFE OF THIS STORM AND ITS BARE HURRICANE INTENSITY MAXIMUM TIDES ARE EXPECTED TO BE ONLY ABOUT 5 FEET ABOVE NORMAL BUT THESE TIDES AND HEAVY SEAS WILL CAUSE SOME COASTAL FLOODING FROM EVERGLADES CITY TO TARPON SPRINGS.

OCCASIONAL SQUALLS WILL MOVE ACROSS THE GULF COAST SOUTH OF CEDAR KEYS WITHIN THE NEXT FEW HOURS WITH THE HEAVIEST SQUALLS ATTENDED BY WINDS OF ABOUT HURRICANE FORCE BEGINNING LATE TONIGHT AND CONTINUING INTO SUNDAY FORENOON AS THE CENTER APPROACHES THE COAST IN OR NEAR THE TAMPA BAY AREA. REPEAT THIS IS AN EMERGENCY HURRICANE WARNING FROM PUNTA GORDA TO CEDAR KEYS AND PERSONS WITH HOMES IMMEDIATELY ALONG THE BEACHES SHOULD EVACUATE AT ONCE.

GALE WARNINGS ARE DISPLAYED FROM ST MARKS THROUGH THE KEY WEST DISTRICT AND ON THE ATLANTIC COAST FROM JUPITER FLORIDA TO SAVANNAH GEORGIA. SMALL CRAFT ON THE FLORIDA WEST COAST SHOULD IMMEDIATELY SEEK SAFETY AND REMAIN IN HARBOR UNTIL THE STORM PASSES AND SMALL CRAFT ELSEWHERE ON THE GULF COAST AND ON THE ATLANTIC COAST FROM CHARLESTON SOUTHWARD SHOULD REMAIN IN PORT.

AT 830 PM EST...0130Z...HURRICANE JUDITH WAS LOCATED BY AIRCRAFT AND SHIP REPORTS AT LATITUDE 25.5 NORTH LONGITUDE 83.6 WEST OR 130 STATUTE MILES SOUTHWEST OF NAPLES FLORIDA MOVING NORTH NORTHEASTWARD AT ABOUT 17 MPH.

MAXIMUM WINDS ARE NOW 75 MPH IN SQUALLS AROUND THE CENTER AND GALE WINDS IN SQUALLS EXTEND OUTWARD 250 MILES IN THE EASTERN SEMICIRCLE AND 50 MILES IN THE WESTERN SEMICIRCLE. LOWEST REPORTED PRESSURE SEVERAL HOURS AGO WAS 999 MB OR 29.50 INCHES. LITTLE FURTHER INTENSIFICATION IS EXPECTED.

SHIPPING IN THE PATH OF THIS HURRICANE SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST.

DUNN WEATHER BUREAU MIAMI

LOCAL WEATHER STATEMENT ON HURRICANE JUDITH WEATHER BUREAU TAMPA FLORIDA SAT OCT 17 1959 1030 PM.

PILOTS JUST ARRIVING IN TAMPA FROM HAVANA REPORT THE HEAVIEST WEATHER ASSOCIATED WITH HURRICANE JUDITH JUST OFF THE COAST NEAR NAPLES. THIS AREA OF SQUALLS WITH WINDS UP TO 40 TO 50 MPH IS EXPECTED TO REACH THE SARASOTA AREA BY 2 AM AND THE TAMPA BAY AREA BY 3 AM. WINDS WILL INCREASE TO 70 OR 75 MPH AS HEAVIER SQUALLS REACH THIS AREA BY 7 TO 9 AM AS THE CENTER OF THE STORM REACHES THE COAST NEAR TAMPA BAY.

TIDES WILL INCREASE TO 5 FEET ABOVE NORMAL BY EARLY TOMORROW MORNING IN THE TAMPA BAY AREA AND ALONG THE SUNCOAST. PERSONS WITH HOMES IMMEDIATELY ALONG THE BEACHES SHOULD EVACUATE AT ONCE.

HOWEVER THOSE ON THE GULF BEACHES BUT REMOVED FROM THE IMMEDIATE WATER FRONTS NEED NOT EVACUATE. TIME OF LOW TIDE 10 AM IN TAMPA BAY AND ABOUT 2 HRS EARLIER AT SARASOTA AND ON GULF BEACHES IN PINELLAS COUNTY WILL HELP TO MINIMIZE TIDAL DAMAGE.

THE MOST PROBABLE PATH OF THE HURRICANE CENTER IS TO REACH THE COAST AT OR JUST SOUTH OF TAMPA BAY. THIS WOULD CONFINE THE HIGHEST TIDES PRINCIPALLY TO THE GULF BEACHES SOUTH OF TAMPA BAY.

RAINS WILL CONTINUE DURING THE NIGHT AND A TOTAL OF 3 TO 6 INCHES CAN BE EXPECTED BEFORE THE STORM MOVES AWAY.

AT 1030 PM WINDS WERE FROM THE EAST AT 10 MPH AT TAMPA INTL AIRPORT WITH BAROMETER STEADY AT 29.85 INCHES. WINDS WERE NO HIGHER AT FORT MYERS AS LAST REPORT AT 10 PM.

ANOTHER LOCAL STATEMENT WILL BE ISSUED BY THE TAMPA WEATHER BUREAU AT APPROX MIDNITE.

FERRY WEATHER BUREAU TAMPA

LOCAL STATEMENT ON HURRICANE JUDITH WEATHER BUREAU FT MYERS ISSUED 900 PM OCT 17.

AS TROPICAL HURRICANE JUDITH MOVES NNE FROM HER POSITION 130 MILES SOUTHWEST OF NAPLES AT 17 MPH SHE SHOULD REACH THE COAST BETWEEN PUNTA GORDA AND TAMPA TOMORROW MORNING. RAINS WILL CONTINUE DURING THE NIGHT IN LEE COUNTY BEING HEAVY AT TIMES TONIGHT AND TOMORROW WITH FROM 3 TO 6 INCHES FALLING. WINDS WILL REACH 50 TO 60 MPH IN GUSTS OR SQUALLS AT TIMES TOMORROW MORNING AT TIME OF HIGH TIDE SHORTLY AFTER MIDNIGHT TONIGHT. THE TIDE SHOULD NOT BE DANGEROUS DUE TO EASTERLY WINDS DURING THE NIGHT BUT TOMORROW MORNING AS THE STORM APPROACHES LAND TO THE NORTH OF US THE WINDS WILL SHIFT TO THE SW AND AFTER LOW TIDE ABOUT 730 IN THE MORNING THE TIDES WILL COME IN RAPIDLY AND REACH 4 TO 5 FT ABOVE NORMAL DURING THE FORENOON. THERE WILL ALSO BE SOME FLOODING ON LOWLYING LANDS INLAND NEAR STREAMS AND RIVERS SIMILAR TO THAT OF LAST JUNE.

MIAMI WEATHER BUREAU ADVISORY NUMBER 4 HURRICANE JUDITH 11 PM EST OCTOBER 17 1959.

HURRICANE EMERGENCY WARNINGS ARE DISPLAYED ON THE FLORIDA WEST COAST FROM PUNTA GORDA TO CEDAR KEYS WITH GALE WARNINGS ELSEWHERE SOUTH OF ST. MARKS THROUGH THE KEY WEST DISTRICT ON THE GULF COAST AND FROM JUPITER FLORIDA TO SAVANNAH GEORGIA ON THE ATLANTIC COAST. SAFETY PRECAUTIONS IN THE AREA OF HURRICANE DISPLAY SHOULD BE CONTINUED AND COMPLETED AT THE EARLIEST POSSIBLE MOMENT. OCCASIONAL SQUALLS SHOULD BEGIN ALONG THE GULF COAST WITHIN THE NEXT 2 HOURS WITH SOME SQUALLS OF ABOUT HURRICANE FORCE IN THE AREA OF HURRICANE DISPLAY LATE TONIGHT AND EARLY SUNDAY FORENOON AS THE CENTER APPROACHES THE COAST IN OR NEAR THE TAMPA BAY AREA. WHILE THIS STORM IS SMALL AND OF BARELY HURRICANE INTENSITY PERSONS IN BEACH HOMES SUBJECT TO TIDAL FLOODING FROM TIDES OF 3 TO 5 FEET ABOVE NORMAL SHOULD EVACUATE AT ONCE.

SMALL CRAFT ON THE FLORIDA WEST COAST SHOULD IMMEDIATELY SEEK SAFETY AND REMAIN IN HARBOR UNTIL THE STORM PASSES AND SMALL CRAFT ELSEWHERE ON THE GULF COAST AND ON THE ATLANTIC COAST FROM CHARLESTON SOUTHWARD SHOULD REMAIN IN PORT.

LITTLE ADDITIONAL INFORMATION ON THE CENTER OF HURRICANE JUDITH HAS BEEN RECEIVED DURING THE PAST TWO HOURS. RADAR DETECTION OF THE EYE IS DIFFICULT DUE TO POOR ORGANIZATION OF THE RAIN BANDS AND ILL DEFINED WALL CLOUD AROUND THE EYE. AT 11 PM EST...0400Z...THE CENTER WAS ESTIMATED AT LATITUDE 26.0 NORTH LONGITUDE 83.3 WEST OR ABOUT 110 STATUTE MILES WEST OF NAPLES FLORIDA MOVING NORTH NORTHEASTWARD 16 MPH.

MAXIMUM WINDS OF 75 MPH HAVE BEEN REPORTED IN SQUALLS IN A VERY SMALL AREA AROUND THE CENTER. GALE WINDS IN SQUALLS EXTEND OUTWARD 175 STATUTE MILES IN THE EASTERN SEMICIRCLE AND 50 MILES IN THE WESTERN SEMICIRCLE. LITTLE FURTHER INTENSIFICATION IS EXPECTED

SHIPPING IN THE PATH OF THIS HURRICANE SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 AM EST AND A BULLETIN AT 2 AM EST.

DUNN WEATHER BUREAU MIAMI

LOCAL STATEMENT ON HURRICANE JUDITH WEATHER BUREAU TAMPA FLORIDA MIDNIGHT SATURDAY OCTOBER 17 1959.

HURRICANE JUDITH CONTINUES TO MOVE NORTHEASTWARD TOWARD THE WEST CENTRAL FLORIDA COAST AND IS PRESENTLY CENTERED ABOUT 125 MILES SOUTHSOUTHWEST OF TAMPA BAY. IT IS EXPECTED TO TAKE A LITTLE MORE EASTERLY TURN AND THE CENTER OF LOWEST PRESSURES WITH THE STORM SHOULD REACH THE COAST NEAR SARASOTA EARLY SUNDAY MORNING PROBABLY BETWEEN 6 AND 8 AM.

THIS REDUCES THE DANGER OF TIDAL DAMAGE TO THE BEACH AREAS FROM TAMPA BAY NORTHWARD AND EVACUATION OF THESE BEACH FRONT AREAS IS NOT NOW CONSIDERED NECESSARY. HOWEVER TIDES SHOULD INCREASE TO 3 TO 5 FEET ABOVE NORMAL SOUTH OF TAMPA BAY AS THE STORM CENTER MOVES INLAND NEAR SARASOTA SUNDAY MORNING AND RESIDENTS RIGHT ON THE WATER PROPER WOULD BE WISE TO EXERCISE EXTREME CAUTION IF THEY DO NOT EVACUATE TONIGHT. LOW TIDE OCCURRING BETWEEN 8 AND 10 AM SUNDAY SHOULD HELP MINIMIZE TIDAL DAMAGE.

LOCALLY HEAVY RAINS WILL CONTINUE TO FALL ALONG THE SUNCOAST WITH AMOUNTS UP TO 3 TO POSSIBLY 6 INCHES EXPECTED BEFORE THE STORM MOVES OUT OF THE AREA. THESE HEAVY RAINS MAY CAUSE SOME FLOODING IN POORLY DRAINED OR LOW LYING AREAS.

AT MIDNIGHT THE WIND WAS FROM THE EAST NORTHEAST 7 MPH AT TAMPA INTERNATIONAL AIRPORT AND BAROMETER 29.81 INCHES AND FALLING. RAIN LIGHT SARASOTA REPORTS PRESSURE NOW FALLING AND RAIN BECOMING HEAVY BUT WIND LIGHT. AT FORT MYERS THE BAROMETER IS FALLING READING 29.80 INCHES WITH WIND SOUTH AT 5 MPH. 1.40 INCHES OF RAIN FELL AT FORT MYERS BETWEEN 11 PM AND MIDNIGHT.

BRADENTON BEACHES REPORT TIDES TWO FOOT ABOVE NORMAL AT 1225 AM WITH HEAVY RAIN.

NEXT LOCAL STATEMENT WILL BE ISSUED FROM TAMPA AT 0300E

FERRY WEATHER BUREAU TAMPA

MIAMI WEATHER BUREAU BULLETIN HURRICANE JUDITH FOR PRESS RADIO AND TV 2 AM EST OCTOBER 18 1959.

HURRICANE WARNINGS ARE DISPLAYED ON THE FLORIDA WEST COAST FROM PUNTA GORDA TO CEDAR KEYS WITH GALE WARNINGS ELSEWHERE SOUTH OF ST. MARKS THROUGH THE KEY WEST DISTRICT ON THE GULF COAST AND FROM JUPIITER FLORIDA TO SAVANNAH GEORGIA ON THE ATLANTIC COAST.

NO SURFACE REPORTS HAVE BEEN RECEIVED FROM THE STORM AREA DURING THE PAST FEW HOURS BUT INTERPRETATION OF RADAR REPORTS INDICATES SOME LOSS OF INTENSITY. ALSO LATEST OBSERVATIONS FROM THE FLORIDA GULF COAST INDICATE A TENDENCY FOR THE CENTER TO APPROACH THE COAST CLOSER TO FORT MYERS THAN TO TAMPA. INTERESTS IN THE AREA OF HURRICANE DISPLAY SHOULD MAINTAIN PRECAUTIONS UNTIL FURTHER INFORMATION IS AVAILABLE. HOWEVER THE THREAT OF HURRICANE WINDS FROM THE TAMPA BAY NORTHWARD HAS DEFINITELY LESSENER.

EVACUATION CAN BE CONFINED TO PERSONS LIVING IN HOMES IMMEDIATELY ALONG THE BEACHES BUT THOSE LIVING AWAY FROM THE IMMEDIATE WATERFRONT NEED NOT EVACUATE.

AT 2 AM EST THE CENTER WAS ESTIMATED AT ABOUT 60 MILES SOUTHWEST OF FORT MYERS MOVING IN THAT DIRECTION AT ABOUT 16 MPH.

IN SUMMARY THIS IS A VERY SMALL STORM AND APPEARS TO HAVE DECREASED IN INTENSITY. NO SERIOUS WIND DAMAGE IS EXPECTED BUT MAXIMUM TIDES BETWEEN EVERGLADES CITY AND SARASOTA WILL AVERAGE THREE TO FIVE FEET.

RAIN HAS BEEN HEAVY DURING THE PAST FEW HOURS FROM TAMPA SOUTHWARD. FORT MYERS REPORTING 3.70 INCHES IN THE PAST 12 HOURS. ADDITIONAL HEAVY RAINS OF TWO TO FIVE INCHES MAY BE EXPECTED NEAR THE PATH OF THE STORM DURING THE REMAINDER OF THE NIGHT AND SUNDAY FORENOON. SQUALLS UP TO 30 TO 35 MPH HAVE BEEN REPORTED AT A NUMBER OF POINTS ALONG THE COAST FROM NAPLES TO KEY WEST. THE LATEST WIND AT DRY TORTUGAS WAS ABOUT 35 MPH BUT IS SLOWLY SUBSIDING.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 AM EST.

DUNN WEATHER BUREAU MIAMI

LOCAL STATEMENT ISSUED 230 AM OCT 18 BY WEATHER BUREAU FT MYERS FLA

WITH JUDITH WEAKENING AND APPARENTLY NO LONGER A HURRICANE THE CHANCE OF DANGEROUS WINDS IN LEE COUNTY HAS ALSO LESSENERED. WINDS PROBABLY WILL BE NO MORE THAN BRIEF GUSTS OR SQUALLS OF 40 TO 50 MILES PER HOUR DURING THE EARLY FORENOON AS JUDITH GOES ASHORE A SHORT DISTANCE NORTH OF FT MYERS. THE TIDE IS NOW GOING OUT FAST AT FT MYERS BEACH AFTER HAVING BEEN ESTIMATED AT 2 AND A HALF FT ABOVE NORMAL AT TIME OF HIGH TIDE SHORTLY AFTER 1 AM.

THE TIDE WILL RETURN AFTER NORMAL TIME OF LOW TIDE AT 0730E WITH BRISK SOUTHWEST WINDS AND PROBABLY REACH 3 TO 5 FT ABOVE NORMAL DURING THE FORENOON. HOWEVER ONLY PERSONS ON THE IMMEDIATE WATERFRONT OF THE BEACHES NEED BE CONCERNED. GALE WARNINGS REMAIN DISPLAYED ON THE LEE COUNTY COAST.

HAYES WEATHER BUREAU FT MYERS

LOCAL STATEMENT ON HURRICANE JUDITH FROM WEATHER BUREAU TAMPA FLA 3 AM EST SUNDAY OCT 18 1959.

HURRICANE JUDITH APPEARS TO HAVE DEFINITELY WEAKENED DURING THE PAST SEVERAL HOURS AND AT PRESENT WAS CENTERED ABOUT 125 MILES DUE SOUTH OF TAMPA BAY NOT FAR OFF THE COAST OF FORT MYERS. REPORTS HAVE BEEN VERY SPOTTY NEAR THE CENTER OF THE STORM AND LOCATION IS APPROXIMATE BASED ON RADAR INTERPRETATIONS EXTRAPOLATION AND GULF COAST WEATHER REPORTS.

THE THREAT OF WINDS OF HURRICANE FORCE HAS EASED TREMENDOUSLY FROM THE TAMPA BAY AREA NORTHWARD AS IT NOW APPEARS THAT THE CENTER OF THE STORM WILL MOVE ASHORE BY 8 OR 9 AM ALONG THE WEST CENTRAL COAST BETWEEN SARASOTA AND FORT MYERS. WINDS THEREFORE SHOULD REMAIN PRETTY MUCH FROM THE EAST FROM TAMPA BAY NORTHWARD AND TIDES SHOULD NOT RISE ABOVE HEIGHTS ALREADY RECORDED DURING THE PAST SEVERAL HOURS.

WINDS WILL CONTINUE TO SLOWLY INCREASE IN SPEED DUE TO SCATTERED SQUALLS REACHING THE TAMPA BAY AREA LATER THIS MORNING AS THE STORM CENTER REACHES THE COAST SOUTH OF THIS AREA WITH HIGHEST WINDS NOW ESTIMATED AT 40 AND POSSIBLY 50 MPH.

RAIN WILL CONTINUE AND BE LOCALLY HEAVY AT TIMES UNTIL THE STORM MOVES AWAY FROM THIS AREA. IT IS EXPECTED THAT RAIN WILL BE OVER BY THE MIDDLE OF THIS AFTERNOON.

BAROMETERS CONTINUE TO FALL ALONG THE WEST CENTRAL AND SOUTHWEST FLORIDA COAST INDICATING THAT THE STORM IS STILL MOVING IN THIS GENERAL DIRECTION. HOWEVER LACK OF ANY SIGNIFICANT WINDS AT ANY LAND STATIONS DURING THE PAST SEVERAL HOURS WOULD SEEM TO SUGGEST THAT THE STORM HAS UNDERGONE CONSIDERABLE DEGENERATION SINCE SATURDAY EVENING WHEN WINDS OF 76 MPH WERE REPORTED NEAR HER CENTER.

NEXT LOCAL STATEMENT FROM WEATHER BUREAU TAMPA WILL BE AT 6 AM EST THIS MORNING OCT 18 1959.

FERRY WEATHER BUREAU TAMPA

MIAMI WEATHER BUREAU ADVISORY NUMBER 5 TROPICAL STORM JUDITH 5 AM EST OCTOBER 18 1959.

LOWER HURRICANE WARNINGS PUNTA GORDA TO CEDAR KEYS AND LOWER GALE WARNINGS SOUTH OF ST MARKS TO TARPON SPRINGS. CONTINUE GALE WARNINGS ON THE FLORIDA GULF COAST SOUTH OF TARPON SPRINGS THROUGH THE KEY WEST DISTRICT AND ON THE ATLANTIC COAST JUPITER FLORIDA TO SAVANNAH GEORGIA.

JUDITH HAS DECREASED CONSIDERABLY IN INTENSITY AND AT PRESENT SQUALLS APPEAR TO BE MOSTLY CONFINED TO THE EXTREME SOUTHWEST COAST AND ON THE FLORIDA KEYS. HOWEVER A LARGE LOW PRESSURE SYSTEM STILL COVERS FLORIDA THE EASTERN GULF AND THE NORTHWESTERN CARIBBEAN WITH SEVERAL MINOR CENTERS BUT NONE OF THESE HAVE ANY CURRENT INDICATIONS OF DEVELOPING. MODERATE SQUALL LINES CONTINUE TO DEVELOP OVER THE SOUTHEASTERN GULF AND MOVE EASTWARD AND GALE WARNINGS WILL REMAIN DISPLAYED UNTIL THE ENTIRE SYSTEM CROSSES THE PENINSULA.

SMALL CRAFT ON THE FLORIDA GULF COAST AND ON THE ATLANTIC COAST SOUTH OF CHARLESTON SHOULD REMAIN IN PORT UNTIL THE STORM PASSES.

AT 5 AM EST...1000Z...THE CENTER OF TROPICAL STORM JUDITH WAS ESTIMATED AT APPROXIMATELY 26.2 NORTH LONGITUDE 82.5 WEST OR A SHORT DISTANCE SOUTHWEST OF FORT MYERS MOVING NORTHEASTWARD AROUND 16 MPH. THE CENTER SHOULD MOVE INLAND IN THE FORT MYERS-VENICE AREA WITHIN THE NEXT FEW HOURS.

MAXIMUM WINDS IN ISOLATED SQUALLS MOSTLY SOUTH OF THE CENTER NOW APPARENTLY DO NOT EXCEED 55 MPH. GALE WINDS IN OCCASIONAL SQUALLS EXTEND OUTWARD 150 STATUTE MILES IN THE EASTERN SEMICIRCLE AND 50 MILES IN THE WESTERN SEMICIRCLE. SOME FURTHER DECREASE IN INTENSITY IS EXPECTED AS THE CENTER CROSSES THE CENTRAL PORTION OF THE PENINSULA BUT WITH SOME REINTENSIFICATION LIKELY AFTER IT PASSES INTO THE ATLANTIC. TIDES WILL AVERAGE 2 TO 3 FEET ABOVE NORMAL OVER MOST OF THE GULF COAST FROM VENICE SOUTHWARD TODAY.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 AM EST WITH A BULLETIN AT 8 AM EST.

DUNN WEATHER BUREAU MIAMI

LOCAL STATEMENT ON TROPICAL STORM JUDITH FROM WEATHER BUREAU TAMPA FLORIDA SUNDAY OCT 18 1959 6 AM.

JUDITH HAS CONTINUED TO WEAKEN DURING THE PAST SEVERAL HOURS AND IS NO LONGER OF HURRICANE INTENSITY. HURRICANE WARNINGS WERE LOWERED AT 5 AM TODAY FROM PUNTA GORDA TO CEDAR KEYS BUT GALE WARNINGS REMAIN POSTED FROM TARPON SPRINGS SOUTHWARD WITH SMALL CRAFT WARNINGS STILL DISPLAYED NORTH OF TARPON SPRINGS TO CEDAR KEYS.

THE CENTER OF THE STORM IS EXPECTED TO REACH THE COAST BETWEEN VENICE AND FORT MYERS BY 7 OR 8 AM AND CONTINUE TO MOVE ON ACROSS CENTRAL FLORIDA REACHING THE ATLANTIC COAST LATER TODAY. AS A RESULT WINDS IN THE TAMPA AREA WILL GRADUALLY SHIFT TO THE NORTH THIS AFTERNOON BUT SCATTERED SQUALLS THIS MORNING MAY CAUSE BRIEF GUSTS UP TO 35 TO 40 MPH. WINDS WILL BE 15/25 MPH FROM THE NORTH THIS AFTERNOON AND TONIGHT DIMINISHING MONDAY.

LIGHT RAINS WILL END IN THE TAMPA BAY AREA BY AFTERNOON WITH GRADUAL CLEARING AND COOLER WEATHER SETTING IN TONIGHT. COOL DRY AIR WILL REPLACE THIS MORNING'S WET WARM WEATHER TONIGHT, WITH TEMPERATURES SLATED TO DROP TO THE 60S, THE COOLEST WE HAVE HAD SINCE LAST MAY.

FERRY WEATHER BUREAU TAMPA

MIAMI WEATHER BUREAU BULLETIN TROPICAL STORM JUDITH 8 AM EST OCTOBER 18 1959.

GALE WARNINGS ARE DISPLAYED ON THE FLORIDA GULF COAST SOUTH OF TARPON SPRINGS THROUGH THE KEY WEST DISTRICT AND ON THE ATLANTIC COAST FROM SAVANNAH GEORGIA TO JUPITER FLORIDA. SMALL CRAFT ON THE FLORIDA GULF COAST AND ON THE ATLANTIC COAST SOUTH OF CHARLESTON SC SHOULD REMAIN IN PORT UNTIL THE STORM PASSES AND BOATS SHOULD NOT VENTURE OUT ON LAKE OKEECHOBEE TODAY.

AT 8 AM EST THE CENTER OF TROPICAL STORM JUDITH WAS MOVING ONTO THE FLORIDA WEST COAST BETWEEN FORT MYERS AND VENICE. WINDS OF 30 TO OCCASIONALLY AS HIGH AS 50 MPH IN GUSTS ARE OCCURRING IN SQUALLS NEAR THE CENTER AND OVER THE KEYS AND COASTAL WATERS OF EXTREME SOUTH FLORIDA. THESE OCCASIONAL SQUALLS WILL OCCUR OVER MUCH OF SOUTH AND CENTRAL FLORIDA TODAY AND SPREAD NORTHWARD OVER THE WATERS OFF THE EAST FLORIDA COAST. THE STORM IS POORLY ORGANIZED AND WINDS ARE AS HIGH IN SQUALLS SOME DISTANCE FROM THE CENTER AS IN NEAR THE CENTER OF LOWEST PRESSURE.

HEAVY RAINS WILL PRECEDE AND ACCOMPANY JUDITH AS IT MOVES NORTHEASTWARD ACROSS THE CENTRAL PENINSULA TODAY. AMOUNTS MAY RANGE UP TO 5 TO 8 INCHES. SOME LOCAL FLOODING OF LOW PLACES WILL RESULT.

THE CENTER OF LOWEST PRESSURE WILL PASS OFF THE EAST COAST INTO THE ATLANTIC LATE THIS AFTERNOON AND THE STORM MAY BECOME BETTER ORGANIZED AND INTENSIFY FURTHER AFTER REACHING OPEN WATER AGAIN.

THE NEXT ADVISORY WILL BE ISSUED FROM THE MIAMI WEATHER BUREAU AT 11 AM EST.

MOORE WEATHER BUREAU MIAMI

LOCAL STATEMENT ON JUDITH ISSUED BY WEATHER BUREAU FT MYERS FLA 845 AM OCT 18 1959.

TROPICAL STORM JUDITH IS NOW LEAVING BOCA GRANDE MOVING TOWARD PUNTA GORDA. RAINS ARE STILL FALLING IN LEE COUNTY AND ARE EXPECTED TO CONTINUE THROUGH THE FORENOON TAPERING OFF THIS AFTERNOON. GUSTY AND SQUALLY WINDS WILL CONTINUE FOR ANOTHER SEVERAL HOURS BUT SHOULD BE NO WORSE THAN THOSE OBSERVED FOR THE PAST 2 HOURS. THE PEAK GUST OBSERVED AT THIS STATION WAS 53 MILES PER HOUR AT ABOUT 0830E. RAINFALL IN THE LAST 24 HOURS NOW TOTAL 7.57 INCHES. TIDES DURING THE FORENOON ARE EXPECTED TO BE ABOUT 3 FEET ABOVE NORMAL THEN SUBSIDE THIS AFTERNOON.

SOME FLOODING ALONG INLAND STREAMS AND CANALS MAY OCCUR AS THE WATER FROM THE HEAVY RAINS DRAINS OFF. BAROMETRIC PRESSURE IS NOW LEVELLING OFF. GALE WARNINGS REMAIN DISPLAYED IN THE LEE COUNTY AREA.

HAYES WEATHER BUREAU FT MYERS

MIAMI WEATHER BUREAU ADVISORY NUMBER 6 TROPICAL STORM JUDITH 11 AM EST OCTOBER 18 1959.

GALE WARNINGS REMAIN DISPLAYED ON THE ATLANTIC COAST FROM JUPITER FLORIDA TO SAVANNAH GEORGIA. HOWEVER THE DEVELOPMENT OF GALES NORTHEAST FLORIDA AND GEORGIA COASTS WILL OCCUR SOME DISTANCE OFFSHORE TONIGHT. LOWER GALE WARNINGS ON THE FLORIDA GULF COAST SOUTH OF TARPON SPRINGS THROUGH THE KEY WEST DISTRICT. HOWEVER SMALL CRAFT ALONG THE FLORIDA WEST COAST SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE. SMALL CRAFT ON THE ATLANTIC COAST SOUTH OF CHARLESTON AND IN THE NORTHERN BAHAMAS SHOULD REMAIN IN PORT OR SHELTERED WATERS.

THE THREAT OF HEAVY RAINS OF FIVE TO EIGHT INCHES AROUND LAKE OKEECHOBEE AND OVER EAST CENTRAL FLORIDA WILL NOT DIMINISH UNTIL MID AFTERNOON. SOME HEAVY AMOUNTS MAY CONTINUE EXTREME SOUTHEAST FLORIDA INTO THE EVENING.

AT 11 AM EST...1600Z...JUDITH WAS CENTERED BY AIRCRAFT AND LAND STATION REPORTS AT LATITUDE 26.9 NORTH LONGITUDE 81.7 WEST OR ABOUT 35 STATUTE MILES WEST OF LAKE OKEECHOBEE. THE STORM WILL REMAIN POORLY ORGANIZED AS IT MOVES EAST NORTHEAST ABOUT 15 MPH ACROSS THE FLORIDA PENINSULA TODAY. THE FORWARD SPEED IS LIKELY TO BE ERRATIC OVER LAND AND REFORMATION AND REINTENSIFICATION ALONG WITH AN INCREASE IN FORWARD SPEED ARE INDICATED FOR JUDITH IN THE ATLANTIC OCEAN TONIGHT. MAXIMUM WINDS ARE NEAR 55 MPH IN SQUALLS EXTENDING OUTWARD 150 STATUTE MILES IN THE EASTERN SEMICIRCLE. SOME GALE WINDS WILL DEVELOP NEAR THE CENTER WESTERN SEMICIRCLE AFTER THE STORM MOVES INTO THE ATLANTIC LATER TODAY.

SHIPS IN THE ATLANTIC OFF THE FLORIDA EAST COAST SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 PM EST AND A BULLETIN AT 2 PM.

SUGG WEATHER BUREAU MIAMI

SPECIAL LOCAL STATEMENT FROM WEATHER BUREAU TAMPA FLA SUNDAY OCT 18 1959 11 AM.

GALE WARNINGS ARE BEING LOWERED AT 11 AM FROM TARPON SPRINGS SOUTHWARD ALONG THE FLORIDA WESTCOAST BUT SMALL CRAFT SHOULD REMAIN IN PORT UNTIL WIND AND SEAS SUBSIDE. WINDS WILL BE NORTHEASTERLY 20 TO 30 MPH IN THE TAMPA BAY AREA THIS AFTERNOON DIMINISHING TONIGHT AND MONDAY.

LOCALLY HEAVY RAINS IN THE SOUTHERN PARTS OF DESOTO COUNTY WILL GRADUALLY TAPER OFF AND END THIS AFTERNOON AS JUDITH MOVES NORTHEASTWARD FURTHER AWAY FROM THE WEST CENTRAL FLORIDA COAST.

FERRY WEATHER BUREAU TAMPA

LOCAL STATEMENT ISSUED BY WEATHER BUREAU FT MYERS 1115 AM OCT 18 1959.

ALL WARNINGS HAVE BEEN LOWERED ON THE LEE COUNTY COAST. SMALL CRAFT SHOULD REMAIN IN PORT UNTIL SEAS SUBSIDE. 20 TO 30 MPH GUSTY WINDS WILL CONTINUE THIS AFTERNOON GRADUALLY SUBSIDING AND BECOMING NW TO N 15 TO 25 TONIGHT. TIDES WILL BE ABOUT 3 FT ABOVE NORMAL ON THE BEACHES UNTIL AFTER NORMAL HIGH TIDE TIME IN MID AFTERNOON THEN SUBSIDE. SOME FLOODING MAY OCCUR ALONG INLAND STREAMS AND CANALS FROM RUNOFF FROM THE HEAVY RAIN. NO FURTHER STATEMENTS WILL BE MADE FROM THIS OFFICE CONCERNING JUDITH.

MIAMI WEATHER BUREAU BULLETIN TROPICAL STORM JUDITH 2 PM EST OCTOBER 18 1959.

GALE WARNINGS ARE DISPLAYED ON THE ATLANTIC COAST FROM JUPITER FLORIDA TO SAVANNAH GEORGIA. HOWEVER THE DEVELOPMENT OF GALES NORTHEAST FLORIDA AND THE GEORGIA COASTS WILL OCCUR SOME DISTANCE OFFSHORE TONIGHT. SMALL CRAFT ON THE ATLANTIC COAST SOUTH OF CHARLESTON AND IN THE NORTHERN BAHAMAS SHOULD REMAIN IN PORT OR SHELTERED WATERS AND SMALL CRAFT ALONG THE FLORIDA WEST COAST SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE.

THE THREAT OF HEAVY RAINS OF FIVE TO EIGHT INCHES CONTINUES OVER EAST CENTRAL FLORIDA THIS AFTERNOON AND SOME HEAVY AMOUNTS MAY OCCUR OVER EXTREME SOUTHEAST FLORIDA INTO THE EVENING. HEAVY RAINS HAVE BEEN REPORTED IN THE VICINITY OF LAKE OKEECHOBEE AND ON THE SOUTHWEST FLORIDA COAST WITH AMOUNTS OF OVER SEVEN INCHES AT FORT MYERS.

AT 2 PM EST THE CENTER OF TROPICAL STORM JUDITH WAS JUST NORTHEAST OF LAKE OKEECHOBEE MOVING ON AN EASTNORTHEAST COURSE AT ABOUT 15 MPH. THE STORM IS EXPECTED TO ENTER THE ATLANTIC IN THE FORT PIERCE VERO BEACH AREA THIS AFTERNOON WITH REFORMATION AND REINTENSIFICATION ALONG WITH AN INCREASE IN FORWARD SPEED INDICATED AS IT MOVES OVER THE ATLANTIC TONIGHT.

MAXIMUM WINDS ARE NEAR 55 MPH IN SQUALLS SOUTH AND EAST OF THE CENTER. WINDS OF 35 TO 45 MPH WERE REPORTED IN THE MIAMI AREA AROUND NOON WITH GUSTS TO 55 MPH AT THE MIAMI AIRPORT.

THE NEXT ADVISORY WILL BE ISSUED FROM THE MIAMI WEATHER BUREAU AT 5 PM EST.

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU ADVISORY NUMBER 7 TROPICAL STORM JUDITH 5 PM EST OCTOBER 18 1959.

LOWER GALE WARNINGS ON THE ATLANTIC COAST FROM JUPITER FLORIDA TO SAVANNAH GEORGIA. SMALL CRAFT SOUTH OF CHARLESTON AROUND THE FLORIDA PENINSULA AND IN THE NORTHERN BAHAMAS SHOULD REMAIN IN PORT OR SHELTERED PLACES.

THERE IS NO LONGER ANY THREAT OF HEAVY RAIN AND SQUALLS OVER FLORIDA. LAND BASED RADAR INDICATES ALL THE HEAVIER SHOWERS AND SQUALLS ARE OFFSHORE.

LAND STATION REPORTS INDICATE THAT TROPICAL STORM JUDITH HAS NOW MOVED OFF THE FLORIDA EAST COAST AND AT 5 PM EST...2200Z...WAS LOCATED AT LATITUDE 27.7 NORTH LONGITUDE 79.3 WEST OR ABOUT 70 STATUTE MILES EAST OF VERO BEACH FLORIDA. THE STORM IS MOVING EAST NORTHEAST ABOUT 20 MPH.

HIGHEST WINDS ARE ESTIMATED AT 55 MPH IN A FEW SQUALLS NEAR THE CENTER WITH 35 TO 45 MPH WINDS EXTENDING OUTWARD 200 STATUTE MILES IN THE EASTERN SEMICIRCLE. SOME GALE WINDS ARE LIKELY TO DEVELOP NEAR THE CENTER IN THE WESTERN SEMICIRCLE LATE TONIGHT. THE STORM IS EXPECTED TO CONTINUE ON AN EAST NORTHEAST COURSE AT A GRADUALLY ACCELERATING SPEED WITH SOME SLIGHT REINTENSIFICATION DURING THE NEXT 12 HOURS.

SHIPPING IN THE PATH OF THIS STORM SHOULD EXERCISE CAUTION.

NO FURTHER INTERIM BULLETINS WILL BE ISSUED ON JUDITH. THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST.

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU ADVISORY NUMBER 8 TROPICAL STORM JUDITH 11 PM EST OCTOBER 18 1959.

AIRCRAFT AND SHIP REPORTS IN THE VICINITY OF TROPICAL STORM JUDITH INDICATE THAT IT HAS ACCELERATED AND HAS MOVED ON A MORE EASTWARD COURSE DURING THE PAST FEW HOURS. AT 11 PM EST...0400Z...IT WAS CENTERED AT APPROXIMATELY LATITUDE 27.8 NORTH LONGITUDE 75.6 WEST OR ABOUT 280 STATUTE MILES EAST OF MELBOURNE FLORIDA.

HIGHEST WINDS ARE ESTIMATED AT 50 MPH IN OCCASIONAL SQUALLS OVER AN AREA EXTENDING OUTWARD 200 STATUTE MILES IN THE SOUTHEASTERN SEMICIRCLE AND NEAR THE CENTER IN THE NORTHWESTERN SEMICIRCLE.

THE STORM IS NOW MOVING EASTNORTHEASTWARD AT ABOUT 29 MPH AND WILL CONTINUE IN THE SAME DIRECTION AND AT ABOUT THE SAME SPEED DURING THE NEXT 24 HOURS. SOME GRADUAL INTENSIFICATION IS LIKELY.

WINDS AND SEAS IN THE NORTHEASTERN BAHAMAS WILL STEADILY SUBSIDE DURING THE NEXT 12 HOURS. SEAS OFF THE EAST FLORIDA COAST ARE IMPROVING BUT WILL REMAIN SOMEWHAT ROUGHER THAN NORMAL DURING MONDAY. SHIPPING IN THE PATH OF THE TROPICAL STORM SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 AM EST.

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 9 JUDITH 5 AM EST OCTOBER 19 1959.

AIRCRAFT PENETRATING THE EYE OF TROPICAL STORM JUDITH LOCATED IT AT 5 AM EST...1000Z...NEAR LATITUDE 29.4 NORTH LONGITUDE 71.9 WEST OR ABOUT 550 STATUTE MILES EAST OF DAYTONA BEACH FLORIDA. IT IS MOVING TOWARDS THE EAST NORTHEAST AT ABOUT 29 MPH.

PRESSURE MEASUREMENTS FROM THE RECONNAISSANCE AIRCRAFT INDICATE THAT SOME INTENSIFICATION HAS OCCURRED AND HIGHEST WINDS ARE NOW ESTIMATED 60 TO 70 MPH IN SQUALLS NEAR THE CENTER AND WINDS OF GALE FORCE OUTWARD 200 MILES TO THE SOUTHEAST OF THE CENTER.

A COLD FRONT LIES ABOUT 150 MILES TO THE NORTHWEST OF THE STORM CENTER AND SOME WINDS OF ABOUT 35 MPH ACCOMPANY THE FRONT. A BAND OF SHOWERY WEATHER ALSO EXTENDS SOUTHWESTWARD FROM THE STORM ACROSS THE NORTHERN BAHAMAS ACCOMPANIED BY SOME SQUALLINESS WHICH WILL GRADUALLY SUBSIDE TODAY.

MOVEMENT DURING THE NEXT 12 TO 24 HOURS IS FORECAST TO BE TOWARDS THE EAST NORTHEAST AT ABOUT 35 MPH WITH LITTLE CHANGE IN SIZE OR INTENSITY.

THIS MOVEMENT WOULD TAKE THE CENTER NEAR BUT PROBABLY A LITTLE TO THE SOUTHEAST OF BERMUDA THIS AFTERNOON. THE HIGHER WINDS WILL LIKELY PASS TO THE SOUTHEAST OF BERMUDA BUT INTERESTS THERE SHOULD CHECK LATER ADVISORIES.

SHIPPING IN THE PATH OF THE STORM SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 AM EST.

MOORE WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 10 JUDITH 11 AM EST OCTOBER 19 1959.

AIRCRAFT RECONNAISSANCE AND SHIP REPORTS INDICATE THAT JUDITH HAS INCREASED TO HURRICANE INTENSITY AND AT 11 AM EST...1600Z...LOCATE THE CENTER AT LATITUDE 30.3 NORTH LONGITUDE 67.2 WEST OR ABOUT 200 STATUTE MILES SOUTHWEST OF BERMUDA MOVING RAPIDLY TOWARDS THE EASTNORTHEAST AT 45 MPH. SHE IS EXPECTED TO CONTINUE EASTNORTHEAST NEAR 45 MPH DURING THE NEXT 24 HOURS. THIS FORECAST TRACK WILL TAKE THE CENTER ABOUT 100 MILES SOUTH OF BERMUDA EARLY THIS AFTERNOON.

HIGHEST WINDS ARE 80 MPH NEAR THE CENTER. GALES EXTEND OUTWARD 300 MILES IN THE SOUTHEAST QUADRANT AND 150 MILES IN ALL OTHER DIRECTIONS. ANY CHANGES ARE LIKELY TO BE SOME DECREASE IN THE MAXIMUM WINDS NEAR THE CENTER AND SOME INCREASE IN THE AREA OF GALE WINDS AS THERE ARE INDICATIONS THAT SHE WILL GRADUALLY LOSE SOME OF HER TROPICAL CHARACTERISTICS.

SHIPPING IN THE PATH OF JUDITH SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 PM EST.

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 11 JUDITH 5 PM EAST OCTOBER 19 1959.

AIRCRAFT RECONNAISSANCE AND SHIP REPORTS INDICATE THAT AT 5 PM EST...2200Z...HURRICANE JUDITH WAS CENTERED AT LATITUDE 30.9 NORTH LONGITUDE 63.8 WEST OR ABOUT 110 STATUTE MILES SOUTHEAST OF BERMUDA MOVING TOWARDS THE EAST NORTHEAST AROUND 40 MPH. SHE IS EXPECTED TO CONTINUE TOWARDS THE EAST NORTHEAST AT ABOUT THE SAME FORWARD SPEED DURING THE NEXT 18 TO 24 HOURS.

HIGHEST WINDS ARE 80 MPH NEAR THE CENTER. GALES EXTEND OUTWARD 300 MILES IN THE SOUTHEAST SEMICIRCLE AND 150 MILES TO THE NORTHWEST. NOT MUCH CHANGE IN INTENSITY IS EXPECTED HOWEVER SOME INCREASE IN THE AREA OF GALE WINDS IS INDICATED.

SHIPPING IN THE PATH OF JUDITH SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST.

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 12 JUDITH 11 PM EST OCTOBER 19 1959.

AIRCRAFT RECONNAISSANCE RADAR REPORTS INDICATE THAT AT 11 PM EST...0400Z...HURRICANE JUDITH WAS CENTERED AT LATITUDE 31.4 NORTH LONGITUDE 59.9 WEST OR ABOUT 290 STATUTE MILES EAST SOUTHEAST OF BERMUDA. SHE IS MOVING TOWARD THE EAST NORTHEAST ABOUT 40 MPH AND IS EXPECTED TO CONTINUE ON AN EAST NORTHEAST COURSE AT ABOUT THE SAME SPEED DURING THE NEXT 12 TO 18 HOURS.

HIGHEST WINDS ARE 80 MPH NEAR THE CENTER. GALES EXTEND OUTWARD 300 MILES IN THE SOUTHEAST SEMICIRCLE AND 80 MILES TO THE NORTHWEST. NOT MUCH CHANGE IN INTENSITY OR SIZE IS EXPECTED.

SHIPPING IN THE PATH OF JUDITH SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 AM EST.

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 13 JUDITH 5 AM EST OCTOBER 20 1959.

AT 5 AM EST...1000Z...HURRICANE JUDITH WAS CENTERED NEAR LATITUDE 32.2 NORTH LONGITUDE 55.9 WEST OR ABOUT 510 STATUTE MILES EAST OF BERMUDA. THIS POSITION IS ESTIMATED FROM SHIP REPORTS A CONSIDERABLE DISTANCE FROM THE CENTER.

THE HURRICANE IS MOVING TOWARDS THE EAST NORTHEAST AT ABOUT 40 MPH. MOVEMENT IS EXPECTED TO CONTINUE TOWARDS THE EAST NORTHEAST AT THE SAME SPEED DURING THE NEXT 12 HOURS WITH A SLIGHT INCREASE IN FORWARD SPEED IN THE SAME DIRECTION THEREAFTER.

HIGHEST WINDS ARE ESTIMATED 80 MPH NEAR THE CENTER. GALES EXTEND OUTWARD 300 MILES IN THE SOUTHEAST SEMICIRCLE AND 80 MILES TO THE NORTHWEST. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

SHIPPING IN THE PROJECTED PATH SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 AM EST.

MOORE WEATHER BUREAU MIAMI.

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 14 JUDITH 11 AM EST OCTOBER 20 1959.

AT 11 AM EST...1600Z...HURRICANE JUDITH WAS CENTERED NEAR LATITUDE 32.5 NORTH LONGITUDE 54.5 WEST OR ABOUT 560 STATUTE MILES EAST OF BERMUDA. THIS POSITION IS ESTIMATED FROM AIRCRAFT AND SHIP REPORTS SOME DISTANCE FROM THE CENTER.

THE HURRICANE IS NOW IN THE FRONTAL ZONE AND INDICATIONS ARE THAT IT IS BECOMING EXTRATROPICAL AND WEAKENING AND POSSIBLY MAY ALREADY HAVE DECREASED BELOW HURRICANE INTENSITY. THE STORM IS MOVING TOWARD THE EASTNORTHEAST AT ABOUT 30 MPH AND IS EXPECTED TO CONTINUE IN ABOUT THE SAME DIRECTION AND AT APPROXIMATELY THE SAME SPEED DURING THE NEXT 12 HOURS.

HIGHEST WINDS ARE NOW ESTIMATED TO BE NO MORE THAN 75 MPH NEAR THE CENTER. GALES EXTEND OUTWARD 250 MILES IN ALL DIRECTIONS IN PART DUE TO GRADIENT IN THE FRONTAL ZONE AS WELL AS THE STORM ITSELF. THE STORM IS EXPECTED TO DIMINISH IN INTENSITY AND IN SIZE DURING THE NEXT 12 HOURS.

SHIPPING IN THE PATH OF THE STORM SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 PM EST.

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 15 JUDITH AT 5 PM EST OCTOBER 20 1959.

AT 5 PM EST...2200Z...HURRICANE JUDITH WAS RELOCATED BY AIRCRAFT PENETRATION NEAR LATITUDE 31.3 NORTH LONGITUDE 55.5 WEST OR ABOUT 530 STATUTE MILES EAST OF BERMUDA. ITS RATE OF MOVEMENT HAS DECREASED CONSIDERABLY AND IT IS NOW MOVING EASTWARD ABOUT 20 MPH.

THE HURRICANE CONTINUES IN A FRONTAL ZONE AND THERE ARE INDICATIONS IT IS BECOMING NON-TROPICAL. HOWEVER THE RECONNAISSANCE AIRCRAFT ESTIMATED THAT WINDS OF 75 MPH WERE OCCURRING IN SQUALLS AROUND THE CENTER. GALES EXTEND OUTWARD 200 MILES IN ALL DIRECTIONS.

THE STORM IS EXPECTED TO MOVE EAST NORTHEASTWARD AT ABOUT 20 MPH OR SLIGHTLY MORE DURING THE NEXT 12 HOURS AND EASTNORTHEAST OR NORTHEASTWARD AT A SOMEWHAT FASTER RATE DURING THE FOLLOWING 12 HOURS. THE STORM IS EXPECTED TO REMAIN AT ABOUT THE SAME INTENSITY OR DIMINISH SLIGHTLY DURING THE NEXT 12 HOURS.

SHIPPING IN PATH OF THE STORM SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED FROM THE MIAMI WEATHER BUREAU AT 11 PM EST.

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 16 JUDITH 11 PM EST OCTOBER 20 1959.

LITTLE INFORMATION HAS BEEN RECEIVED FROM THE IMMEDIATE VICINITY OF JUDITH DURING THE LAST FEW HOURS. AT 11 PM EST...0400Z...THE HURRICANE WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 31.7 NORTH LONGITUDE 53.2 WEST OR ABOUT 650 STATUTE MILES EAST OF BERMUDA MOVING EAST TO EASTNORTHEAST ABOUT 20 MPH.

THE HURRICANE CONTINUES IN A FRONTAL ZONE AND THERE IS SOME CHANCE IT IS BECOMING NON TROPICAL. HOWEVER HIGHEST WINDS ARE ESTIMATED AT 75 MPH IN SQUALLS AROUND THE CENTER. GALES EXTEND OUTWARD 250 MILES IN ALL DIRECTIONS.

JUDITH IS EXPECTED TO MOVE EAST NORTHEAST ABOUT 20 MPH OR SLIGHTLY MORE DURING THE NEXT 12 HOURS AND EAST NORTHEAST OR NORTHEASTWARD AT A SOMEWHAT FASTER RATE DURING THE FOLLOWING 12 HOURS. LITTLE CHANGE IS EXPECTED IN SIZE OR INTENSITY DURING THE NEXT 12 HOURS.

SHIPPING IN THE PATH OF THE STORM SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED FROM THE MIAMI WEATHER BUREAU AT 5 AM EST.

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 17 JUDITH 5 AM EST OCTOBER 21 1959.

LITTLE INFORMATION HAS BEEN RECEIVED FROM THE VICINITY OF HURRICANE JUDITH DURING THE NIGHT. AT 5 AM EST...1000Z...IT WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 32.2 NORTH LONGITUDE 51.0 WEST OR ABOUT 800 STATUTE MILES EAST OF BERMUDA MOVING TOWARDS THE EAST NORTHEAST AT ABOUT 19 MPH.

HIGHEST WINDS ARE ESTIMATED 75 MPH IN SQUALLS AROUND THE CENTER WITH GALES OUTWARD 250 MILES IN ALL DIRECTIONS.

MOVEMENT IS EXPECTED TO BE TOWARDS THE EAST NORTHEAST AT ABOUT 21 MPH FOR THE NEXT 12 HOURS AND BETWEEN EAST NORTHEAST AND NORTHEAST AT A SLIGHTLY FASTER RATE THEREAFTER. THERE IS AT PRESENT NO INDICATION OF ANY CHANGE IN INTENSITY OR SIZE. THE HURRICANE CONTINUES IN A FRONTAL ZONE AND THERE IS A POSSIBILITY OF IT GRADUALLY BECOMING NON TROPICAL.

SHIPPING SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED FROM THE MIAMI WEATHER BUREAU AT 11 AM EST.

MOORE WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 18 JUDITH 11 AM EST OCTOBER 21 1959.

AT 11 AM EST...1600Z...STORM JUDITH WAS RELOCATED ON THE BASIS OF AIRCRAFT PENETRATION AT LATITUDE 32.2 NORTH LONGITUDE 54.2 WEST OR ABOUT 580 STATUTE MILES EAST OF BERMUDA MOVING TOWARD THE NORTHEAST AT ABOUT 12 MPH.

THE STORM HAS BEEN MOVING RATHER SLOWLY DURING THE NIGHT. IT IS NOW LARGELY NON TROPICAL AND HAS DECREASED CONSIDERABLY IN INTENSITY. GALE WINDS EXTEND OUTWARD ABOUT 150 MILES IN ALL DIRECTIONS.

THE STORM IS EXPECTED TO MOVE NORTHEASTWARD AS A WAVE ON THE OLD COLD FRONT DURING THE NEXT 24 HOURS.

THIS IS THE LAST ADVISORY ON JUDITH BUT FURTHER INFORMATION ON THE STORM WILL BE CONTAINED IN THE NSS MARINE BULLETINS FOR THE ATLANTIC.

DUNN WEATHER BUREAU MIAMI