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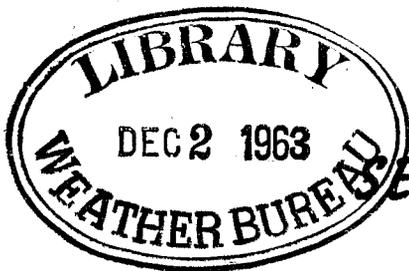
Hurricane Flora, September 30-October 12,
1963, preliminary report with advosories and
bulletins issued.

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U. S. DEPARTMENT OF COMMERCE

WEATHER BUREAU

HURRICANE FLORA



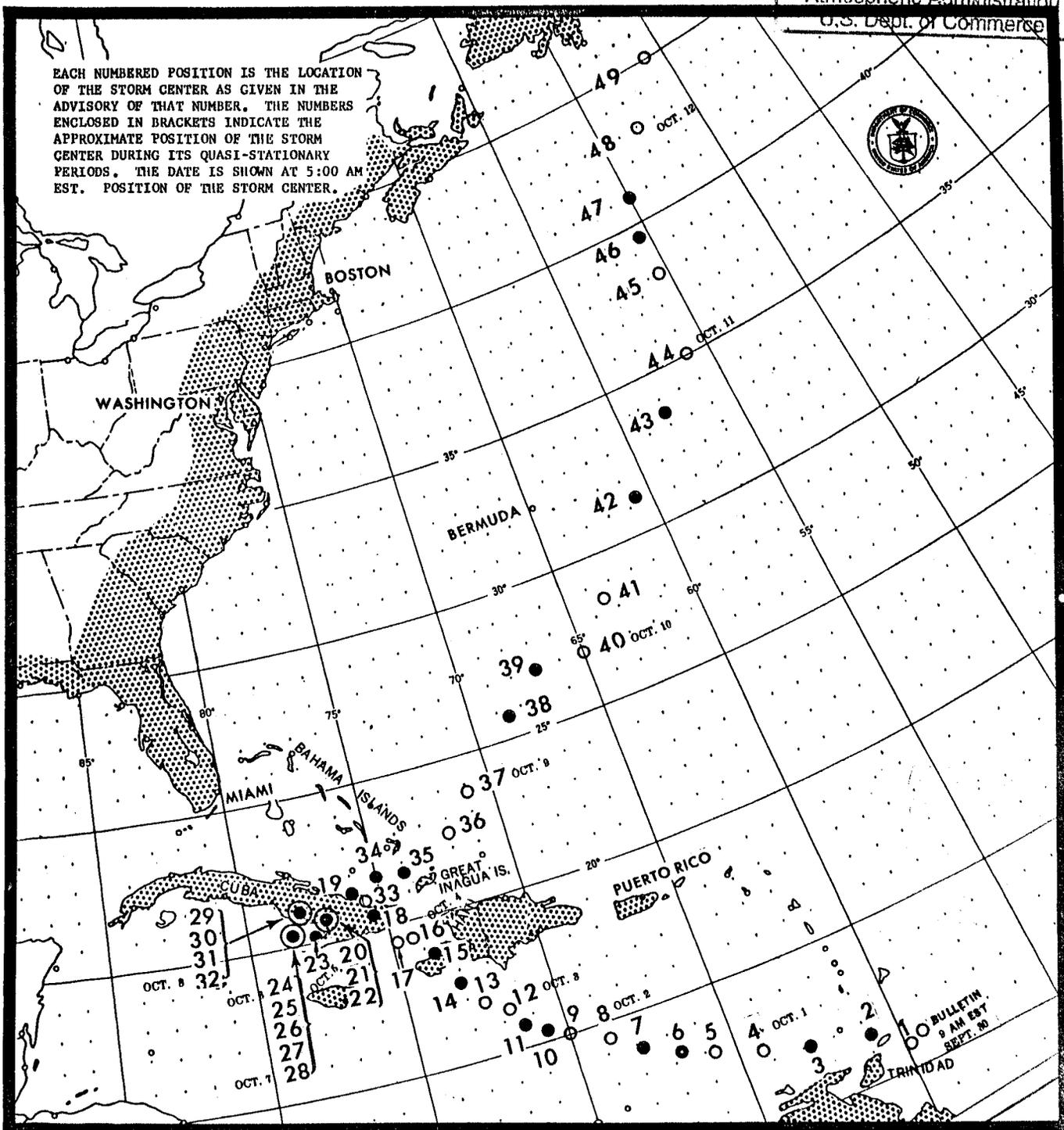
SEPTEMBER 30-OCTOBER 12, 1963

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Preliminary Report with Advisories and Bulletins Issued

National Oceanic & Atmospheric Administration
U.S. Dept. of Commerce



National Oceanic and Atmospheric Administration Weather Bureau Hurricane Series

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PRELIMINARY REPORT ON HURRICANE "FLORA", SEPTEMBER 30 - OCTOBER 12, 1963

Hurricane "Flora" was one of the most destructive in recent history in Haiti and Cuba. It was unusually violent when it crossed Haiti during the night of October 3-4. Then it remained nearly stationary for more than four days (October 4-8) over eastern Cuba and produced unprecedented amounts of rainfall, which in turn resulted in devastating floods. Although final figures are not yet available, it appears likely that the death toll will number in the thousands and property losses in the hundreds of millions of dollars.

Hurricane "Flora" appears to have formed and intensified rapidly about 150 miles east of Trinidad on September 30, 1963. It seems possible that the original disturbance that eventually developed into "Flora" moved off the African coast on September 23. Later a TIROS VII photograph at 0942Z September 26 (Orbit 1464) showed a large cloud mass in the area between 10 and 15N and 35 and 40W. No additional information was received until a KIM jet airliner bound from Lisbon, Portugal to Paramaribo, Surinam reported a disturbed area near 12.4N 47.2W at approximately 2230Z September 28. On the basis of the KIM report, the San Juan Weather Bureau requested special ship reports in the area east of the Lesser Antilles.

Early on September 30 reports from ships east of Trinidad indicated that a tropical cyclone might be developing in the suspect area in the Atlantic. At 10 AM AST the San Juan Weather Bureau issued a bulletin locating a tropical depression near 11.0N 59.2W moving west northwest about 18 mph. Further intensification was forecast as the flow pattern appeared favorable aloft. Navy reconnaissance aircraft reached the area the forenoon of the 30th and found a small but well-formed hurricane with surface winds 85 mph and central pressure 994 millibars. The first advisory on Hurricane "Flora", issued by the San Juan Weather Bureau at 12 noon AST, announced hurricane warnings for Trinidad, Tobago and the Grenadines south of St. Vincent.

The hurricane moved west northwest and intensified; its center crossed the island of Tobago between 2 and 3 PM AST and passed about 30 miles south of Grenada at 6 PM AST. Highest winds near the center had increased to 110 mph and central pressure dropped to 986 millibars. As "Flora" continued west northwest through the southeastern Caribbean, gale warnings were issued for the islands lying off the north coast of Venezuela. However, no warnings were issued for and no high winds were experienced in the Dutch Islands of Bonaire, Curacao and Aruba since the hurricane center passed about 180 miles to the north.

"Flora" increased further in size and intensity and by 12 noon AST October 2 winds near the center had reached 140 mph. Hurricane warnings were placed in effect in the noon advisory for southwestern Haiti, whole gale warnings were announced along the southwest coast of the Dominican Republic and gale warnings were issued for the Dominican coast between Isla Beata and Punta Palenque. Reconnaissance aircraft during the afternoon of October 2 found the minimum sea level pressure 968 millibars and the night recon flight reported a further drop to 954 millibars. "Flora" was now a severe hurricane.

At 6 AM AST October 3 hurricane warnings were extended eastward to include the southwestern coast of the Dominican Republic west of Cabo Beata and northward to include the northwest Province of Haiti. Small craft near Jamaica, eastern Cuba, and the eastern Bahamas were alerted to the threat.

Hurricane "Flora" gradually slowed its forward motion and turned to a north northwesterly course. Its center crossed the middle of the Southwestern Peninsula of Haiti between 8:30 PM and 10 PM AST October 3.

Hurricane warnings were announced for the Oriente Province of Cuba at midnight October 3-4 and people advised to take precautions against high winds, heavy rains, abnormally high tides and heavy surf.

"Flora" weakened slightly as it crossed the southwestern peninsula of Haiti but regained some of its lost force over the Windward Passage between Haiti and Cuba. Winds near the center came back up to 125 mph as the hurricane moved into eastern Cuba October 4.

During the period October 4-8 the hurricane remained over eastern Cuba. The force of the wind decreased somewhat because of land friction but apparently fell below hurricane intensity (74 mph) only briefly during the night of October 7-8. Two factors contributed to keeping up the strength of the storm, namely: (1) A flow pattern aloft favorable to intensification and (2) inflow of moist tropical air from the warm waters around Cuba. The long period the storm remained over eastern Cuba allowed it to dump great amounts of rainfall (estimated in excess of 40 inches) over the area and produce great floods in the river valleys. When it became apparent early in the period that the hurricane would be slow in moving through Cuba, the advisories and bulletins issued by the Weather Bureau's National Hurricane Center at Miami warned that severe flooding was expected over eastern Cuba.

The lack of a recognizable clear-cut "steering" flow pattern through the atmosphere surrounding the hurricane while it was over Cuba made the forecast problem difficult. However, late on October 7 shifts in the circulation pattern over eastern North America and the western Atlantic began to appear which indicated to the forecasters that the hurricane should in due course begin to move to the northeast. This movement definitely set in on the 8th, and the Bahamas were warned that the hurricane would intensify as it moved away from Cuba. The strengthening hurricane moved northeastward through the Bahamas the night of the 8th and 9th.

"Flora" continued northeastward over the Atlantic as a dangerous hurricane the next three days, passing southeast of Bermuda October 10, crossing the main east - west shipping lanes, and losing its tropical characteristics over the cool water east of Newfoundland by October 12.

It will take a considerable time to collect statistics on this storm and its effects. The hurricane apparently reached its maximum intensity just before going ashore in Haiti; sustained winds then were probably 150 mph and central pressure around 940 mb. (27.76 inches). Rainfall at some points in eastern Cuba may well have exceeded 40 inches; at Guantanamo Bay some 17 inches fell. The rains and attendant floods are reported to have caused severe crop and property damage. Loss of life in Cuba is estimated at 1000. In Haiti news reports estimate several thousand killed and heavy losses in crops and property. In Tobago 17 were reported killed and property damage was estimated at \$35 million dollars. In Jamaica there was considerable flooding and crop damage, and 9 deaths were reported. Damage in the Bahamas was presumably not heavy. At Miami one person was drowned in heavy surf on the outskirts of the hurricane.

Excellent tracking of the hurricane was provided by hurricane reconnaissance aircraft, principally those of the U. S. Navy. Air Force and Weather Bureau aircraft assisted. Upper air soundings from the Caribbean cooperative rawinsonde network were most helpful in analysis and forecasting.

HURRICANE FLORA ADVISORIES AND BULLETINS

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV 10 AM AST SEPTEMBER 30, 1963.

A TROPICAL DEPRESSION HAS FORMED IN THE ATLANTIC NEAR LATITUDE 11.0 NORTH LONGITUDE 59.2 WEST OR ABOUT 150 STATUTE MILES EAST NORTHEAST OF TRINIDAD LESSER ANTILLES.

THE DEPRESSION APPEARS TO BE MOVING TOWARD THE WEST NORTHWEST AT ABOUT 18 MPH. INDICATIONS ARE THAT IT WILL CONTINUE TOWARD THE WEST NORTHWEST AT ABOUT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED TO BE 35 MPH IN SQUALLS OVER AN AREA EXTENDING OUTWARD ABOUT 75 MILES IN THE EASTERN SEMICIRCLE.

RECONNAISSANCE AIRCRAFT ARE IN ROUTE TO THE AREA AND SHOULD REACH THE VICINITY OF THE TROPICAL DEPRESSION SHORTLY.

ON ITS PRESENT COURSE THE DEPRESSION SHOULD PASS NEAR TOBAGO AT 3 O'CLOCK AST THIS AFTERNOON AND ABOUT 30 STATUTE MILES SOUTH OF GRENADA AT 9 O'CLOCK AST TONIGHT.

INDICATIONS ARE THAT SLOW INTENSIFICATION IS LIKELY DURING THE NEXT 12 HOURS. PASSAGE OF THE DEPRESSION THROUGH THE WINDWARD ISLANDS WILL BE ACCOMPANIED BY THUNDERSHOWERS AND SQUALLS WITH WINDS POSSIBLY REACHING 45 MILES PER HOUR IN THE HEAVIER SQUALLS.

SMALL CRAFT IN THE WINDWARD ISLANDS SHOULD REMAIN IN PORT.

ALL PERSONS IN THE WINDWARD ISLANDS SHOULD LISTEN FOR LATEST INFORMATION ON THE TROPICAL DEPRESSION. THE NEXT BULLETIN WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 NOON AST 1600Z UNLESS CONDITIONS WARRANT AN EARLIER BULLETIN OR ADVISORY.

HIGGS

SAN JUAN WEATHER BUREAU ADVISORY NUMBER ONE FLORA 1200 NOON AST SEPTEMBER 30, 1963.

HURRICANE WARNINGS ARE INDICATED FOR TRINIDAD AND TOBAGO AND FOR THE GRENADINES SOUTH OF ST VINCENT. PEOPLE IN THESE AREAS ARE URGED TO TAKE IMMEDIATE PRECAUTIONS AGAINST HURRICANE FORCE WINDS CMA HIGH STORM TIDES OF 5 TO 7 FEET AND TORRENTIAL RAINS. PEOPLE LIVING ALONG LOW LYING BEACHES AND NEAR STREAM BEDS SHOULD SEEK HIGHER GROUND. THIS IS AN EMERGENCY WARNING FOR NORTHERN TRINIDAD CMA TOBAGO AND THE SOUTHERN GRENADINES.

THE TROPICAL DEPRESSION 150 STATUTE MILES EAST NORTHEAST OF TRINIDAD HAS INTENSIFIED RAPIDLY AND IT IS NOW A HURRICANE. AT 1600Z IT WAS LOCATED BY RECONNAISSANCE AIRCRAFT AND VESSEL REPORTS NEAR LATITUDE 10.9 N AND LONGITUDE 59.8 WEST OR ABOUT 100 STATUTE MILES EAST NORTHEAST OF TRINIDAD. HURRICANE FLORA IS MOVING TOWARD THE WEST NORTHWEST AT 18 MPH AND IS EXPECTED TO CONTINUE THIS DIRECTION AND AT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE 85 MPH OVER A SMALL AREA NEAR THE CENTER AND GALES EXTEND 75 MILES IN NORTH AND EAST QUADRANTS AND 45 MILES IN THE SOUTH AND WEST QUADRANTS.

FLORA IS A WELL ORGANIZED CONCENTRATED HURRICANE AND IS EXPECTED TO INCREASE IN INTENSITY BUT ONLY SLIGHT INCREASE IN SIZE IS ANTICIPATED. AT ITS PRESENT SPEED AND DIRECTION THE CENTER IS EXPECTED TO PASS OVER THE ISLAND OF TOBAGO WITHIN THE NEXT 4 TO 5 HOURS AND ABOUT 40 TO 50 MILES SOUTH OF THE ISLAND OF GRENADA ABOUT 9 O'CLOCK TONIGHT. THIS IS A SMALL BUT VERY DANGEROUS HURRICANE AND PRECAUTIONS AGAINST WINDS UP TO 100 MPH HIGH TIDES AND TORRENTIAL RAINS AND PREPARATIONS SHOULD BE RUSHED TO COMPLETION IMMEDIATELY. THIS IS AN EMERGENCY WARNING FOR THE PEOPLE OF TOBAGO NORTHERN TRINIDAD AND THE ISLAND OF GRENADA. THE WINDS WILL BEGIN INCREASING AT TOBAGO WITHIN THE NEXT HOUR AND REACH FULL HURRICANE INTENSITY BY 3 O'CLOCK TODAY.

SHIPPING IN THE PATH OF HURRICANE FLORA SHOULD EXERCISE EXTREME CAUTION AND SMALL CRAFT IN THE WINDWARD ISLANDS SHOULD SEEK SAFE HARBOR.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM AST 2200 Z AND BULLETINS AS NEW INFORMATION IS RECEIVED.

HIGGS

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 2:30 PM AST SEPTEMBER 30, 1963.

GALE WARNINGS ARE IN EFFECT NORTH OF ST. VINCENT TO MARTINIQUE. HURRICANE WARNINGS ARE CONTINUED FOR TRINIDAD TOBAGO AND THE GRENADINES.

ALL PRECAUTIONS SHOULD BE CONTINUED THROUGHOUT THE AFTERNOON AND TONIGHT AGAINST HURRICANE WINDS HIGH TIDES OF 5 TO 7 FEET IN THE AREA OF HURRICANE DISPLAY. PEOPLE LIVING IN LOW AREAS AND NEAR BEACHES IN THE GRENADINES SHOULD MOVE IMMEDIATELY TO HIGHER GROUND BEFORE IT IS TOO LATE.

HURRICANE FLORA CONTINUES MOVING TOWARD THE WEST NORTHWEST AT A SPEED OF ALMOST 22 MPH. RECONNAISSANCE AIRCRAFT AT 1 PM AST REPORTED WEST WALL CLOUD OF THE CENTER OVER THE EASTERN END OF TOBAGO. AT 2 PM THE CENTER IS ESTIMATED TO BE CROSSING OVER THAT ISLAND NEAR LATITUDE 11.2 N AND LONGITUDE 60.6 W. THIS IS APPROXIMATELY 650 MILES SOUTHEAST OF SAN JUAN PUERTO RICO.

HIGHEST WINDS ARE ESTIMATED AT NEAR 100 MPH OVER A SMALL AREA NEAR EYE CENTER AND GALES EXTEND OUTWARD FROM THE CENTER 100 MILES IN THE NORTH AND EAST QUADRANTS AND 50 MILES IN THE SOUTH AND WEST QUADRANTS.

ALL PREPARATIONS SHOULD BE RUSHED IMMEDIATELY IN THE ENTIRE GRENADINES GROUP FOR THE ONSET OF HURRICANE FLORA EARLY TONIGHT. THE CENTER OF FLORA SHOULD REACH THE VICINITY OF GRENADA ABOUT 8 O'CLOCK TONIGHT BUT THE WINDS WILL INCREASE TO GALE FORCE WITHIN THE NEXT TWO HOURS AND REACH HURRICANE FORCE BY SUNSET. THIS IS AN EMERGENCY WARNING.

ON ITS PRESENT COURSE HURRICANE FLORA OFFERS NO IMMEDIATE THREAT TO PUERTO RICO AND THE VIRGIN ISLANDS BUT THE PEOPLE ARE URGED TO KEEP IN TOUCH WITH THE LATEST INFORMATION ON THIS HURRICANE.

SMALL CRAFT IN THE WINDWARD ISLANDS SHOULD REMAIN IN SAFE HARBOR.

THE NEXT ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM ...2200Z...AND BULLETINS WILL BE ISSUED AS NEW INFORMATION IS RECEIVED.

HIGGS

SAN JUAN WEATHER BUREAU ADVISORY NUMBER TWO FLORA 6 PM AST SEPTEMBER 30, 1963.

HURRICANE WARNINGS ARE CONTINUED FOR THE GRENADINES. ALL PRECAUTIONS SHOULD BE CONTINUED IN THE GRENADINES AGAINST HURRICANE WINDS HIGH TIDES 5 TO 7 FEET ABOVE NORMAL AND HEAVY RAINS. PEOPLE LIVING IN LOW AREAS AND NEAR BEACHES SHOULD MOVE IMMEDIATELY TO HIGHER ELEVATIONS BEFORE IT IS TOO LATE.

HURRICANE WARNINGS ARE CHANGED TO GALE WARNINGS FOR THE NORTH COAST OF TRINIDAD AND THE ISLAND OF TOBAGO. GALE WARNINGS CONTINUE IN EFFECT NORTH OF ST. VINCENT TO MARTINIQUE AND ARE EXTENDED TO INCLUDE THE ISLANDS OF LOS TESTIGOS OFF THE NORTH COAST OF VENEZUELA.

AT 6 PM AST...2200Z...HURRICANE FLORA WAS ESTIMATED ON THE BASIS OF RECONNAISSANCE AIRCRAFT SHIP AND LAND STATION REPORTS TO BE CENTERED NEAR LATITUDE 11.6 N LONGITUDE 61.8 W OR ABOUT 65 STATUTE MILES NORTH NORTHWEST OF TRINIDAD. FLORA IS PASSING ABOUT 30 STATUTE MILES SOUTH OF THE ISLAND OF GRENADA. THE HURRICANE IS MOVING TOWARD THE WEST NORTHWEST AT 20 MPH AND IS EXPECTED TO CONTINUE IN THIS DIRECTION AT THE SAME OR SLIGHTLY SLOWER SPEED FOR THE NEXT 12 HOURS

SOME INTENSIFICATION HAS OCCURRED. LOWEST PRESSURE IS 986 MILLIBARS OR 29.12 INCHES. HIGHEST WINDS ARE 110 MPH OVER A SMALL AREA NEAR THE CENTER AND GALE WINDS EXTEND OUTWARD 125 MILES IN THE NORTH AND EAST QUADRANTS AND 50 MILES IN THE SOUTHWEST QUADRANT. LITTLE CHANGE IS EXPECTED IN SIZE OR INTENSITY DURING THE NEXT 12 HOURS.

PEOPLE IN PUERTO RICO AND THE VIRGIN ISLANDS SHOULD LISTEN TO THE LATEST ADVISORIES AND BULLETINS FROM THE WEATHER BUREAU UNTIL FURTHER NOTICE.

SHIPS IN THE PATH OF HURRICANE FLORA SHOULD EXERCISE EXTREME CAUTION AND SMALL CRAFT IN THE WINDWARD ISLANDS SHOULD REMAIN IN SAFE HARBOR.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 MIDNIGHT...0400Z...AND A BULLETIN WILL BE ISSUED AT 9 PM AST.

HOOSE

SAN JUAN WEATHER BUREAU HURRICANE BULLETIN FOR PRESS RADIO AND TELEVISION FLORA 9 PM AST SEPTEMBER 30, 1963.

HURRICANE WARNINGS REMAIN IN EFFECT FOR THE GRENADINES. GALE WARNINGS REMAIN IN EFFECT FROM THE GRENADINES NORTHWARD TO MARTINIQUE AND FOR THE NORTH COAST OF TRINIDAD AND THE ISLANDS OF TOBAGO AND LOS TESTIGOS.

AT 9 PM AST...0100Z...HURRICANE FLORA WAS ESTIMATED TO BE NEAR LATITUDE 11.9 N LONGITUDE 62.5 WEST OR ABOUT 60 STATUTE MILES WEST SOUTHWEST OF THE ISLAND OF GRENADA. IT IS MOVING ON THE SAME COURSE AT THE SAME SPEED FOR THE NEXT 6 HOURS.

ALTHOUGH THE EYE OF HURRICANE FLORA IS NOW EST OF THE GRENADINES PEOPLE IN THAT ISLAND GROUP SHOULD CONTINUE TO TAKE FULL PRECAUTIONS AGAINST HURRICANE FORCE WINDS HIGH TIDES AND SURF AND HEAVY PRECIPITATION UNTIL CONDITIONS IMPROVE.

HIGHEST WINDS ARE ESTIMATED TO BE 110 MPH OVER A SMALL AREA NEAR THE CENTER AND GALES EXTEND OUTWARD 125 MILES IN THE NORTH AND EAST QUADRANTS AND 50 MILES IN THE SOUTH AND WEST QUADRANTS. LITTLE CHANGE IN SIZE AND INTENSITY IS EXPECTED DURING THE NEXT 6 HOURS.

HURRICANE FLORA OFFERS NO IMMEDIATE THREAT TO PUERTO RICO OR THE VIRGIN ISLANDS. ITS PRESENT COURSE WILL CARRY IT THROUGH CENTRAL CARIBBEAN WATERS. ALL INTERESTS SHOULD KEEP IN TOUCH WITH LATEST ADVISORIES AND BULLETINS IN CASE RECURVATURE OCCURS.

SHIPS IN THE PATH OF HURRICANE FLORA SHOULD EXERCISE EXTREME CAUTION AS THE HURRICANE IS INTENSE OVER A SMALL AREA NEAR THE CENTER. SMALL CRAFT IN THE WINDWARD ISLANDS AND THE SOUTH AMERICA COASTAL ISLANDS FROM LOS ROQUES EASTWARD SHOULD REMAIN IN PORT.

THE NEXT REGULAR ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 MIDNIGHT AST.

DAVIS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER THREE FLORA 12 MIDNIGHT AST OCTOBER 1, 1963

HURRICANE WARNINGS ARE CHANGED TO GALE WARNINGS FOR THE GRENADINES. GALE WARNINGS REMAIN IN EFFECT FOR THE ISLAND OF LOS TESTIGOS AND ARE EXTENDED TO INCLUDE THE ISLANDS OF LOS HERMANOS AND LA BLANQUILLA OFF THE SOUTH AMERICAN COAST. GALE WARNINGS ARE DISCONTINUED ELSEWHERE IN THE AREA OF PREVIOUS DISPLAY.

PEOPLE IN THE AREA OF GALE WARNINGS SHOULD TAKE ALL NECESSARY PRECAUTIONS FOR PROTECTION AGAINST WINDS OF GALE FORCE HIGH TIDES AND SURF AND HEAVY RAIN.

ON THE BASIS OF RECONNAISSANCE AIRCRAFT REPORTS HURRICANE FLORA AT 12 MIDNIGHT AST...0400Z...WAS ESTIMATED TO BE LOCATED NEAR LATITUDE 12.0 N LONGITUDE 62.9 W OR ABOUT 85 STATUTE MILES WEST OF GRENADA. IT IS MOVING TOWARD THE WEST NORTHWEST ABOUT 15 MPH AND IS EXPECTED TO CONTINUE ON ITS PRESENT COURSE AT THE SAME SPEED FOR THE NEXT 12 HOURS.

LITTLE CHANGE IN SIZE OR INTENSITY HAS BEEN NOTED DURING THE EVENING. HIGHEST WINDS ARE ESTIMATED TO BE 110 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD ABOUT 30 MILES IN THE NORTHERN SEMICIRCLE AND GALES EXTEND OUTWARD 125 MILES IN THE NORTH AND EAST QUADRANTS AND 50 MILES IN THE SOUTH AND WEST QUADRANTS. HURRICANE FLORA IS EXPECTED TO MAINTAIN ITS PRESENT SIZE AND INTENSITY DURING THE NEXT 12 HOURS.

AT THE PRESENT TIME THERE IS NO IMMEDIATE THREAT TO PUERTO RICO OR THE VIRGIN ISLANDS. PEOPLE SHOULD KEEP IN TOUCH WITH LATEST ADVISORIES AND BULLETINS HOWEVER AS THERE IS A DEFINITE POSSIBILITY THAT FLORA MAY MOVE SOMEWHAT MORE TOWARD THE NORTH LATER.

SHIPS IN THE PATH OF THE HURRICANE SHOULD EXERCISE EXTREME CAUTION AS FLORA IS INTENSE OVER A SMALL AREA NEAR THE CENTER. SMALL CRAFT IN THE WINDWARD ISLANDS AND THE SOUTH AMERICAN COASTAL ISLANDS FROM LOS ROQUES EASTWARD SHOULD REMAIN IN PORT.

THE NEXT ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 AM AST...1000Z...AND A BULLETIN WILL BE ISSUED AT 3 AM AST.

DAVIS

SAN JUAN WEATHER BUREAU HURRICANE BULLETIN FOR PRESS RADIO AND TV FLORA 3 AM AST OCTOBER 1 1963.

GALE WARNINGS REMAIN IN EFFECT FOR THE GRENADINES AND FOR THE ISLANDS OF LOS TESTIGOS LOS HERMANOS AND LA BLANQUILLA. ALL INTERESTS ON THESE ISLANDS SHOULD TAKE NECESSARY PRECAUTIONS AGAINST WINDS OF GALE FORCE HIGH TIDES AND SURF AND HEAVY RAIN.

AT 5 AM AST...0700Z...ON THE BASIS OF RECONNAISSANCE AIRCRAFT REPORTS HURRICANE FLORA WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 12.2 N LONGITUDE 63.4 W OR ABOUT 120 STATUTE MILES WEST OF GRENADA IN THE WINDWARD ISLANDS AND 490 STATUTE MILES SOUTH SOUTHEAST OF SAN JUAN PUERTO RICO. IT IS MOVING TOWARD THE WEST NORTHWEST ABOUT 15 MPH AND IS EXPECTED TO CONTINUE ON ITS PRESENT COURSE AT THE SAME SPEED FOR THE NEXT 6 HOURS.

HIGHEST WINDS ARE STILL ESTIMATED TO BE 110 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE WINDS EXTEND OUTWARD ABOUT 30 MILES IN THE NORTHERN SEMICIRCLE AND GALE FORCE WINDS EXTEND OUTWARD 125 MILES TO THE NORTH AND EAST AND 50 MILES TO THE SOUTH AND WEST. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 6 HOURS.

SHIPPING IN THE PATH OF HURRICANE FLORA SHOULD EXERCISE EXTREME CAUTION AS THE HURRICANE IS INTENSE OVER A SMALL AREA NEAR THE CENTER. SMALL CRAFT IN THE WINDWARD ISLANDS AND THE SOUTH AMERICAN COASTAL ISLANDS FROM LOS ROQUES EASTWARD SHOULD REMAIN IN PORT.

ALTHOUGH THERE APPEARS TO BE NO IMMEDIATE THREAT TO PUERTO RICO OR THE VIRGIN ISLANDS PEOPLE SHOULD KEEP POSTED ON LATEST ADVISORIES AND BULLETINS AS THERE IS A POSSIBILITY OF RECURVATURE LATER.

THE NEXT ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 AM AST.

DAVIS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 4 FLORA 6 AM AST OCTOBER 1, 1963.

GALE WARNINGS REMAIN IN EFFECT FOR THE ISLANDS OF LOS HERMANOS AND LA BLANQUILLA OFF THE VENEZUELA COAST. ALL INTERESTS ON THESE ISLANDS SHOULD TAKE PRECAUTIONS AGAINST GALE FORCE WINDS HIGH TIDES AND SURF AND HEAVY RAIN.

GALE WARNINGS ARE DISCONTINUED FOR THE GRENADINES AND THE ISLANDS OF LOS TESTIGOS.

PEOPLE ON THE ISLANDS OF LOS ROQUES AND ORCHILLA SHOULD EXPECT OCCASIONAL WIND GUSTS TO 35 MPH IN SQUALLS AS THE HURRICANE PASSES ABOUT 85 MILES TO THE NORTH OF THESE ISLANDS THIS AFTERNOON.

ALL INTERESTS IN ARUBA AND CURACAO SHOULD KEEP IN TOUCH WITH LATEST INFORMATION IN CASE HURRICANE FLORA SHOULD MOVE ON A MORE WESTERLY COURSE.

BASED ON RECONNAISSANCE AIRCRAFT REPORTS HURRICANE FLORA AT 6 AM AST...1000Z...WAS LOCATED NEAR LATITUDE 12.4 NORTH LONGITUDE 64.2 WEST OR ABOUT 190 STATUTE MILES WEST OF GRENADA AND SOME 450 STATUTE MILES SOUTH SOUTHWEST OF SAN JUAN PUERTO RICO. IT IS MOVING TOWARD THE WEST NORTHWEST ABOUT 15 MPH AND IS EXPECTED TO CONTINUE ON THIS COURSE AT ABOUT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED TO BE 110 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD ABOUT 30 MILES IN THE NORTHERN SEMICIRCLE AND GALES EXTEND OUTWARD 125 MILES TO THE NORTH AND EAST AND ABOUT 50 MILES TO THE SOUTH AND WEST. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

AT THE PRESENT TIME THERE IS NO IMMEDIATE THREAT TO PUERTO RICO OR THE VIRGIN ISLANDS. PEOPLE SHOULD KEEP IN TOUCH WITH LATEST ADVISORIES AND BULLETINS.

SHIPS IN THE PATH OF HURRICANE FLORA SHOULD EXERCISE EXTREME CAUTION. SMALL CRAFT IN THE WINDWARD ISLANDS SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE. SMALL CRAFT IN THE SOUTH AMERICAN COASTAL ISLANDS FROM ARUBA AND CURACAO EASTWARD SHOULD REMAIN IN SAFE HARBOUR.

THE NEXT ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 NOON AST...1600Z...AND A BULLETIN WILL BE ISSUED AT 9 AM AST.

HOOSE

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV 9 AM AST OCTOBER 1, 1963.

GALE WARNINGS ARE CONTINUED FOR THE ISLANDS OF LOS HERMANOS AND LA BLANQUILLA.

PEOPLE ON THE ISLANDS OF LOS ROQUES AND ORCHILLA SHOULD EXPECT OCCASIONAL SQUALLS WITH WIND GUSTS UP TO 35 MPH AS FLORA PASSES TO THE NORTH OF THE ISLANDS THIS AFTERNOON.

AT 9 AM AST...1300Z...HURRICANE FLORA WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 12.6 N LONGITUDE 64.9 W OR ABOUT 425 STATUTE MILES SOUTH SOUTHEAST OF SAN JUAN PUERTO RICO. THE HURRICANE CONTINUES TO MOVE ON A WEST NORTHWEST COURSE AT ABOUT 15 MPH. LITTLE CHANGE IN DIRECTION OF MOTION OR SPEED IS EXPECTED IN THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 110 MPH IN A SMALL AREA NEAR THE CENTER WITH HURRICANE FORCE WINDS EXTENDING OUTWARD ABOUT 30 MILES IN THE NORTHERN SEMICIRCLE. GALE FORCE WINDS EXTEND OUTWARD 125 MILES IN THE NORTH AND EAST QUADRANTS AND ABOUT 50 MILES IN THE SOUTH AND WEST QUADRANTS. NO SIGNIFICANT CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

ALL INTERESTS IN ARUBA AND CURACAO SHOULD KEEP IN TOUCH WITH LATEST ADVISORIES AND BULLETINS ON HURRICANE FLORA.

THERE IS NO IMMEDIATE DANGER TO PUERTO RICO OR THE VIRGIN ISLANDS HOWEVER PEOPLE SHOULD LISTEN FOR THE LATEST INFORMATION ON THE HURRICANE.

SMALL CRAFT IN THE WINDWARD ISLANDS SHOULD NOT VENTURE FROM PORT UNTIL WINDS AND SEAS SUBSIDE. SMALL CRAFT IN THE SOUTH AMERICAN COASTAL ISLANDS FROM ARUBA AND CURACAO EASTWARD SHOULD REMAIN IN PORT.

THE NEXT ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 NOON AST.

HOOSE

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 5 FLORA 12 NOON AST OCTOBER 1, 1963.

GALE WARNINGS ARE DISCONTINUED FOR THE ISLANDS OF LOS HERMANOS AND LA BLANQUILLA.

FROM VESSEL AND AIRCRAFT REPORTS THIS MORNING HURRICANE FLORA WAS ESTIMATED TO BE CENTERED AT 12 NOON...1600Z...NEAR LATITUDE 12.9 N AND LONGITUDE 65.7 W OR ABOUT 400 STATUTE MILES SOUTH OF SAN JUAN PUERTO RICO AND 240 STATUTE MILES EAST NORTHEAST OF WILLEMSTAD CURACAO. FLORA CONTINUES MOVING TOWARD THE WEST NORTHWEST AT 16 MPH AND IS EXPECTED TO CONTINUE IN THE SAME DIRECTION AND AT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED TO BE 110 MPH OVER A SMALL AREA NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND 30 MILES FROM THE CENTER IN THE NORTHERN SEMICIRCLE. GALE FORCE WINDS EXTEND OUTWARD 125 MILES IN THE NORTH AND EAST QUADRANTS AND 50 MILES IN THE SOUTHWEST AREA. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

THIS IS A SMALL AND WELL ORGANIZED HURRICANE. ON ITS PRESENT COURSE AND SPEED THE CENTER OF HURRICANE FLORA SHOULD PASS ABOUT 150 STATUTE MILES NORTH OF CURACAO ABOUT MIDNIGHT TONIGHT.

SHIPPING IN THE PATH OF HURRICANE FLORA SHOULD EXERCISE CAUTION AND SMALL CRAFT IN THE LAS ORCHILLA AND LOS ROQUES ISLANDS SHOULD REMAIN IN PORT UNTIL THE SEAS SUBSIDE.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM AST...2200Z...AND A BULLETIN WILL BE ISSUED AT 3 PM AST.

HIGGS

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 3 PM AST OCTOBER 1, 1963.

FROM AIRCRAFT AND VESSEL REPORTS THIS AFTERNOON SMALL BUT WELL ORGANIZED HURRICANE FLORA IS ESTIMATED TO BE CENTERED AT 3 PM AST...1900Z...NEAR LATITUDE 13.0 N AND LONGITUDE 66.4 W OR ABOUT 380 STATUTE MILES SOUTH OF SAN JUAN PUERTO RICO AND 200 STATUTE MILES EAST NORTHEAST OF WILLEMSTAD CURACAO. FLORA IS MOVING TOWARD THE WEST NORTHWEST AT 16 MPH AND IS FORECAST TO CONTINUE THE WEST NORTHWEST DIRECTION AT THE SAME SPEED FOR THE NEXT 12 HOURS.

THERE ARE INDICATIONS AT THIS TIME THAT FLORA HAS INTENSIFIED SLIGHTLY AND THE HIGHEST WINDS ARE NOW ABOUT 125 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND ABOUT 30 MILES FROM THE CENTER IN THE NORTHERN SEMICIRCLE. GALE WINDS EXTEND 125 MILES IN THE NORTH AND EAST QUADRANTS AND 65 MILES IN THE SOUTH AND WEST QUADRANTS. THE LOWEST PRESSURE IS NOW 28.76 INCHES.

FLORA ON ITS PRESENT COURSE AND SPEED SHOULD PASS 125 TO 150 MILES NORTH OF CURACAO SHORTLY AFTER MIDNIGHT TONIGHT. THE PEOPLE IN ARUBA CURACAO AND BONAIRE SHOULD KEEP IN TOUCH WITH THE LATEST INFORMATION ON THIS HURRICANE AS WINDS UP TO 25 TO 35 MPH IN SQUALLS ARE INDICATED A SHORT DISTANCE NORTH OF THESE ISLANDS LATE TONIGHT AND EARLY WEDNESDAY MORNING.

SMALL CRAFT IN THE ORCHILLA AND LOS ROQUES ISLANDS SHOULD REMAIN IN PORT UNTIL THE SEAS SUBSIDE AND SMALL CRAFT IN ARUBA CURACAO AND BONAIRE SHOULD NOT VENTURE FAR FROM PORT.

THE NEXT ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM AST AND A BULLETIN WILL BE ISSUED AT 9 PM AST.

HIGGS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 6 FLORA 6 PM AST OCTOBER 1, 1963.

FROM VESSEL AND AIRCRAFT REPORTS THIS AFTERNOON HURRICANE FLORA WAS ESTIMATED TO BE CENTERED AT 6 PM AST...2200Z...NEAR LATITUDE 13.4 N AND LONGITUDE 66.8 W OR 360 STATUTE MILES ALMOST DUE SOUTH OF SAN JUAN PUERTO RICO AND 185 STATUTE MILES NORTHEAST OF WILLEMSTAD CURACAO. IT IS MOVING TOWARD THE WEST NORTHWEST AT 14 MPH AND IS EXPECTED TO CONTINUE ON THE SAME COURSE AT A SLIGHTLY SLOWER SPEED DURING THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED TO BE 125 MPH OVER A SMALL AREA NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD 30 MILES FROM THE CENTER IN ALL QUADRANTS. GALES EXTEND OUTWARD 135 MILES IN THE NORTH SEMICIRCLE AND 80 MILES IN THE SOUTHERN SEMICIRCLE. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

THIS IS A DANGEROUS AND WELL ORGANIZED HURRICANE. ON ITS PRESENT COURSE AND SPEED THE CENTER OF HURRICANE FLORA SHOULD PASS ABOUT 175 STATUTE MILES NORTH OF CURACAO AT DAYBREAK WEDNESDAY.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE EXTREME CAUTION.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 MIDNIGHT AST...0400Z...AND A BULLETIN WILL BE ISSUED AT 9 PM AST.

ZIMMER

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 9 PM AST OCTOBER 1, 1963.

HURRICANE FLORA HAS BEEN UNDER CONSTANT SURVEILLANCE BY RECONNAISSANCE AIRCRAFT DURING THE EVENING AND AT 9 PM AST IS ESTIMATED TO BE LOCATED NEAR LATITUDE 13.8 N LONGITUDE 67.3 W. THIS POSITION IS APPROXIMATELY 350 STATUTE MILES SOUTH SOUTHWEST OF SAN JUAN PUERTO RICO AND 170 STATUTE MILES NORTHEAST OF WILLEMSTAD CURACAO. IT IS MOVING TOWARD THE WEST NORTHWEST AT 14 MPH AND IS EXPECTED TO MAINTAIN ITS PRESENT SPEED AND DIRECTION FOR THE NEXT 6 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 125 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD ABOUT 30 MILES FROM THE CENTER IN ALL QUADRANTS AND GALE FORCE WINDS EXTEND OUTWARD 135 MILES TO THE NORTH AND EAST AND 80 MILES TO THE SOUTH AND WEST. SOME SLIGHT INCREASE IN SIZE IS ANTICIPATED DURING THE NEXT 6 HOURS.

HURRICANE FLORA IS AN INTENSE AND DANGEROUS HURRICANE AND THERE ARE INDICATIONS THAT ITS STRONG WIND FIELD WILL SPREAD TO COVER A GREATER AREA. SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

THE PRESENT COURSE AND SPEED OF THE HURRICANE WILL CARRY IT TO A POSITION ABOUT 175 STATUTE MILES NORTH OF WILLEMSTAD CURACAO BY DAYBREAK TOMORROW. THIS IS TOO FAR NORTH TO AFFECT THE ISLAND ALTHOUGH SOME HEAVY SURF IS POSSIBLE LATE TOMORROW.

THE NEXT ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 MIDNIGHT AST.

DAVIS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 7 FLORA 12 MIDNIGHT AST OCTOBER 2, 1963.

AT 12 MIDNIGHT AST...0400Z...HURRICANE FLORA WAS ESTIMATED TO BE LOCATED NEAR LATITUDE 13.9 N LONGITUDE 67.9 W OR ABOUT 340 STATUTE MILES SOUTH SOUTHWEST OF SAN JUAN PUERTO RICO AND 160 STATUTE MILES NORTHEAST OF WILLEMSTAD CURACAO. IT IS MOVING TOWARD THE WEST NORTHWEST AT ABOUT 14 MPH AND IS EXPECTED TO CONTINUE ON THE SAME COURSE AT THE SAME SPEED FOR THE NEXT 12 HOURS.

RECONNAISSANCE AIRCRAFT REPORTS DURING THE EVENING INDICATE THAT HURRICANE FLORA IS AN INTENSE AND DANGEROUS HURRICANE AND THAT IT HAS INCREASED SLIGHTLY IN SIZE. ITS STRONG WIND FIELD NOW COVERS A LARGER AREA THAN AT ANY TIME SINCE ITS FORMATION. HIGHEST WINDS ARE ESTIMATED TO BE 125 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 40 MILES TO THE NORTH AND EAST AND 20 MILES TO THE SOUTH AND WEST. GALE FORCE WINDS EXTEND 140 MILES IN THE NORTH AND EAST AND 80 MILES IN THE SOUTH AND WEST. LITTLE FURTHER CHANGE IN SIZE OR INTENSITY IS ANTICIPATED DURING THE NEXT 12 HOURS.

HURRICANE FLORA IS STILL LOCATED IN CENTRAL CARIBBEAN WATERS AND DOES NOT OFFER AN IMMEDIATE THREAT FROM HIGH WINDS TO ANY LAND AREA. SOMEWHAT HIGHER THAN NORMAL TIDES MAY BE EXPECTED TONIGHT AND TOMORROW ALONG THE SOUTH COAST OF PUERTO RICO AND VENEZUELAN COASTAL AREAS AND ISLANDS FROM BONAIRE TO ARUBA. HEAVY SWELLS WILL ALSO BE DEVELOPING FROM THE HURRICANE AND THE INDICATED COASTAL AREAS ARE LIKELY TO EXPERIENCE HIGH SURF ON WEDNESDAY.

THE PRESENT COURSE AND SPEED OF HURRICANE FLORA WILL CARRY IT TO A POSITION APPROXIMATELY 250 STATUTE MILES SOUTH OF SANTO DOMINGO DOMINICAN REPUBLIC BY NOON WEDNESDAY.

SHIPPING IN THE PATH OF THIS DANGEROUS HURRICANE SHOULD EXERCISE EXTREME CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 AM AST...1000Z...AND A BULLETIN WILL BE ISSUED AT 3 AM AST.

DAVIS

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV 3 AM AST OCTOBER 2, 1963.

HURRICANE FLORA IS CONTINUING ITS STEADY WEST NORTHWESTWARD MOVEMENT THROUGH THE CARIBBEAN AT ABOUT 14 MPH. AT 3 AM AST ...0700Z...ON THE BASIS OF RECONNAISSANCE AIRCRAFT REPORTS IT WAS ESTIMATED TO BE NEAR LATITUDE 14.2 N LONGITUDE 68.4 W. THIS POSITION IS ABOUT 340 STATUTE MILES SOUTHWEST OF SAN JUAN PUERTO RICO AND 155 STATUTE MILES NORTH NORTHEAST OF WILLEMSTAD CURACAO. FLORA IS EXPECTED TO FOLLOW ITS PRESENT COURSE AT THE SAME SPEED DURING THE NEXT 12 HOURS.

LITTLE CHANGE HAS OCCURRED IN THE HURRICANE'S WIND FIELD SINCE MIDNIGHT. HIGHEST WINDS ARE ESTIMATED TO BE 124 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 40 MILES IN THE NORTH AND EAST QUADRANTS AND 20 MILES IN THE SOUTH AND WEST QUADRANTS. GALES EXTEND 140 MILES TO THE NORTH AND EAST AND 80 MILES TO THE SOUTH AND WEST. NO SIGNIFICANT CHANGE IN SIZE OR INTENSITY IS ANTICIPATED DURING THE NEXT 12 HOURS.

THE PRESENT COURSE AND SPEED OF THE HURRICANE WILL CARRY IT TO A POSITION APPROXIMATELY 250 STATUTE MILES SOUTH OF SANTO DOMINGO DOMINICAN REPUBLIC BY NOON WEDNESDAY. SINCE THIS COURSE IS THROUGH CENTRAL CARIBBEAN WATERS THERE IS NO IMMEDIATE DANGER TO ANY LAND AREA. SOMEWHAT HIGHER THAN NORMAL TIDES MAY BE EXPECTED TONIGHT AND WEDNESDAY ALONG THE SOUTH COAST OF PUERTO RICO AND THE VENEZUELAN COASTAL AREAS AND ISLANDS FROM BONAIRE TO ARUBA. PEOPLE IN THE ABOVE MENTIONED AREAS SHOULD ALSO BE ON THE ALERT WEDNESDAY FOR THE POSSIBILITY OF HIGH SURF DUE TO HURRICANE SWELLS.

SHIPS IN THE PATH OF HURRICANE FLORA SHOULD EXERCISE EXTREME CAUTION AS THIS IS A WELL ORGANIZED AND DANGEROUS STORM.

THE NEXT ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 AM AST...1000Z.

DAVIS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 8 FLORA 6 AM AST OCTOBER 2, 1963.

GALE WARNINGS ARE EFFECTIVE THIS AFTERNOON FOR THE PENINSULA OF BARAHONA DOMINICAN REPUBLIC AND EFFECTIVE TONIGHT FOR THE PENINSULA PRESQUE ISLE DU SUDOUESTE IN HAITI.

ON ITS PRESENT COURSE HURRICANE FLORA WILL PASS ABOUT 120 STATUTE MILES SOUTH OF THE PENINSULA OF BARAHONA EARLY TONIGHT AND LESS THAN 100 STATUTE MILES SOUTH OF THE PENINSULA PRESQUE ISLE DU SUDOUESTE HAITI THURSDAY MORNING. PEOPLE IN THESE AREAS SHOULD TAKE PRECAUTIONS AGAINST WINDS UP TO 55 MPH AND HEAVY RAINS. PERSONS LIVING CLOSE TO THE BEACHES OR LOW LYING AREAS SHOULD ALSO TAKE PRECAUTIONS AGAINST STORM TIDES 5 TO 8 FEET ABOVE NORMAL AND DANGEROUS SURF AND MOVE TO HIGHER ELEVATIONS.

RECONNAISSANCE AIRCRAFT REPORTS INDICATE THAT HURRICANE FLORA IS CENTERED AT 6 AM AST...1000Z...NEAR LATITUDE 14.6 NORTH LONGITUDE 68.8 WEST OR ABOUT 330 STATUTE MILES SOUTHWEST OF SAN JUAN PUERTO RICO AND SOME 180 STATUTE MILES NORTH OF WILLEMSTAD CURACAO. IT IS MOVING TOWARD THE WEST NORTHWEST AT 14 MPH AND IS FORECAST TO CONTINUE WEST NORTHWEST AT ABOUT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED TO BE 125 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 40 MILES IN THE NORTH AND EAST QUADRANTS AND 20 MILES IN THE SOUTH AND WEST QUADRANTS. GALES EXTEND 140 MILES TO THE NORTH AND EAST AND 80 MILES TO THE SOUTH AND WEST. SOME ADDITIONAL INCREASE IN SIZE AND INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

PEOPLE ON THE SOUTH COAST OF PUERTO RICO AND THE ISLANDS OF BONAIRE CURACAO AND ARUBA SHOULD EXPECT HIGHER THAN NORMAL TIDES TODAY WITH DANGEROUS SURF. PERSONS IN LOW LYING AREAS NEAR THE COAST SHOULD BE PREPARED TO MOVE TO HIGHER GROUND.

THIS IS A WELL DEVELOPED AND DANGEROUS HURRICANE AND SHIPS IN THE PATH OF FLORA SHOULD EXERCISE EXTREME CAUTION.

THE NEXT ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 NOON AST...1600Z...AND A BULLETIN WILL BE ISSUED AT 9 AM AST.

HOOSE

SAN JUAN WEATHER BUREAU HURRICANE BULLETIN FOR PRESS RADIO AND TV 9 AM AST OCTOBER 2, 1963.

GALE WARNINGS ARE EFFECTIVE THIS AFTERNOON FOR THE PENINSULA OF BARAHONA DOMINICAN REPUBLIC AND ARE EFFECTIVE TONIGHT FOR THE PENINSULA PRESQUE ISLE DU SUDOUESTE IN HAITI.

AT 9 AM AST...1300Z...HURRICANE FLORA WAS ESTIMATED TO BE LOCATED NEAR LATITUDE 14.8 NORTH LONGITUDE 69.4 WEST OR ABOUT 340 STATUTE MILES SOUTHWEST OF SAN JUAN PUERTO RICO. THE HURRICANE CONTINUES TO MOVE WEST NORTHWEST AT ABOUT 14 MPH. LITTLE CHANGE IN DIRECTION OR SPEED OF THE HURRICANE IS EXPECTED IN THE NEXT 12 HOURS.

HIGHEST WINDS ARE ABOUT 125 MPH OVER A SMALL AREA NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD 40 MILES TO THE NORTH AND EAST AND ABOUT 20 MILES IN THE SOUTH AND WEST. GALE FORCE WINDS EXTEND OUTWARD 140 MILES TO THE NORTH AND EAST AND 80 MILES IN THE SOUTH AND WEST.

HURRICANE FLORA ON ITS PRESENT PATH IS EXPECTED TO PASS ABOUT 120 STATUTE MILES SOUTH OF THE PENINSULA OF BARAHONA EARLY TONIGHT AND LESS THAN 100 STATUTE MILES SOUTH OF THE PENINSULA PRESQUE ISLE DU SUDOUESTE IN HAITI THURSDAY MORNING. ALL PERSONS IN THESE AREAS SHOULD TAKE IMMEDIATE PRECAUTIONS AGAINST GALE FORCE WINDS AND HEAVY RAINS. PEOPLE NEAR THE BEACHES SHOULD EVACUATE LOW LYING AREAS AS STORM TIDES WILL REACH 5 TO 8 FEET ABOVE NORMAL AS THE HURRICANE PASSES.

HIGHER THAN NORMAL TIDES AND DANGEROUS SURF WILL OCCUR ALONG THE SOUTH COAST OF THE DOMINICAN REPUBLIC EAST OF THE PENINSULA OF BARAHONA BEGINNING LATE THIS AFTERNOON. PEOPLE NEAR THE BEACHES AND IN LOW LYING COASTAL AREAS SHOULD BE PREPARED TO MOVE TO HIGHER GROUND.

PEOPLE ON THE SOUTH COAST OF PUERTO RICO AND ON THE ISLANDS OF BONAIRE CURACAO AND ARUBA SHOULD EXPECT HIGHER THAN NORMAL TIDES TODAY.

SMALL CRAFT IN SOUTHERN DOMINICAN REPUBLIC AND HAITI SHOULD REMAIN IN PORT.

THE NEXT ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 NOON AST...1600Z.

HOOSE

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 9 FLORA 12 NOON OCTOBER 2, 1963.

HURRICANE WARNINGS ARE INDICATED FOR THE SOUTHERN PENINSULA OF HAITI WEST OF JACMEL. GALE WARNINGS ARE CHANGED TO WHOLE GALE WARNINGS EAST OF JACMEL TO ISLA BEATA DOMINICAN REPUBLIC AND GALE WARNINGS EAST OF ISLA BEATA TO PUNTA PALENQUE.

ON ITS PRESENT COURSE HURRICANE FLORA SHOULD PASS ABOUT 100 MILES SOUTH OF ISLA BEATA ABOUT 9 O'CLOCK TONIGHT AND ABOUT 30 MILES SOUTH OF LES CAYES HAITI AT NOON THURSDAY. PEOPLE LIVING ALONG THE BEACHES AND LOW AREAS FROM THE PENINSULA OF BARAHONA WESTWARD TO TIBURON ON THE SOUTHERN PENINSULA OF HAITI SHOULD BEGIN TO TAKE PRECAUTIONS AND SEEK SAFETY BEFORE IT IS TOO LATE. TIDES 8 TO 10 FEET ARE EXPECTED IN THE AREAS WEST OF ISLA BEATA AND 7 TO 8 FEET FROM ISLA BEATA TO CAPE LENQUE AND 4 TO 5 FEET ABOVE NORMAL FROM POINT PALENQUE EASTWARD TO CAPE ENGANO DOMINICAN REPUBLIC.

PEOPLE IN THE AREA WEST OF JACMEL HAITI SHOULD TAKE IMMEDIATE PRECAUTIONS AGAINST HURRICANE FORCE WINDS HIGH TIDES AND SURF AND TORRENTIAL RAINS.

AT 12 NOON...1600Z...HURRICANE FLORA WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 15.0 N AND LONGITUDE 70.0 W OR ABOUT 240 STATUTE MILES SOUTH OF SANTO DOMINGO CITY DOMINICAN REPUBLIC AND 360 STATUTE MILES SOUTHWEST OF SAN JUAN PUERTO RICO. IT CONTINUES MOVING TOWARD THE WEST NORTHWEST AT 14 MPH AND IS FORECAST TO CONTINUE THE SAME DIRECTION AND AT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE NOW ESTIMATED TO BE 140 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND 50 MILES TO THE NORTH AND EAST AND 25 MILES TO THE SOUTH AND WEST. GALE FORCE WINDS EXTEND 175 MILES FROM THE CENTER IN THE NORTH AND EAST QUADRANTS AND 100 MILES IN THE SOUTH AND WEST QUADRANTS. NO IMPORTANT CHANGE IN SIZE AND INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

ROUGH SEAS AND TIDES ABOVE THE NORMAL ARE OCCURRING ALONG THE SOUTH COAST OF PUERTO RICO AND THE PEOPLE SHOULD KEEP AWAY FROM THE BEACHES AND LOW LYING AREAS.

FLORA POSES A THREAT TO JAMAICA AND ORIENTA PROVINCE OF CUBA AT THIS TIME AND SMALL CRAFT IN THIS AREA AND IN THE JAMAICA CHANNEL HAITI AND WINDWARD PASSAGE SHOULD SEEK SAFE HARBOR TODAY AND TONIGHT. SMALL CRAFT ALONG THE SOUTH COAST OF PUERTO RICO AND THE DOMINICAN REPUBLIC SHOULD REMAIN IN PORT UNTIL THE SEAS SUBSIDE.

ALL INTEREST IN THE DOMINICAN REPUBLIC HAITI JAMAICA AND ORIENTA PROVINCE CUBA SHOULD KEEP IN TOUCH WITH THE LATEST ADVISORIES AND BULLETINS TODAY AND THURSDAY.

FLORA IS A VERY DANGEROUS HURRICANE AND LOWEST PRESSURE REPORTED IS 968 MILLIBARS OR 28.59 INCHES. IMMEDIATE SAFETY PRECAUTIONS SHOULD BE STARTED BY THE PEOPLE IN THE SOUTHERN PENINSULA OF HAITI AND THE SOUTHERN PORTION OF PENINSULA OF BARAHONA.

SHIPPING IN THE PATH OF HURRICANE FLORA SHOULD EXERCISE EXTREME CAUTION.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM AST...2200Z AND A BULLETIN WILL BE ISSUED AT 3 PM AST.

HIGGS

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 3 PM OCTOBER 2, 1963.

HURRICANE WARNINGS ARE IN EFFECT FOR THE SOUTHERN PENINSULA OF HAITI WEST OF JACMEL. WHOLE GALE WARNINGS ARE CONTINUED EAST OF JACMEL TO ISLA BEATA DOMINICAN REPUBLIC AND GALE WARNINGS EAST OF ISLA BEATA TO PUNTA PALENQUE.

PEOPLE IN THE AREA OF THE HURRICANE WARNINGS SHOULD BEGIN IMMEDIATE PRECAUTIONS AND SEEK PLACES OF SAFETY BEFORE IT IS TOO LATE.

TIDES 8 TO 10 FEET ABOVE NORMAL ARE EXPECTED FROM ISLA BEATA WESTWARD TO THE LES CAYES AREA AS FLORA PASSES. TIDES OF 6 TO 8 FEET ARE FORECAST IN THE BAYS ON THE EAST COAST OF THE PENINSULA OF BARAHONA TO PUNTA PALENQUE AND 3 TO 4 FEET ABOVE NORMAL EAST OF PUNTA PALENQUE TO CABO ENGANO DOMINICAN REPUBLIC. LOW LYING BEACHES WILL BE FLOODED AND THE PEOPLE SHOULD MOVE OFF THE BEACHES IMMEDIATELY AND BE READY FOR QUICK ACTION SHOULD THE AREA OF GALE AND WHOLE GALE WARNINGS BE CHANGED TO HURRICANE WARNINGS.

HEAVY RAINS ARE EXPECTED OVER THE PENINSULA OF BARAHONA AND HAITI AND PRECAUTIONS AGAINST POSSIBLE FLOODS SHOULD BE TAKEN IN THESE AREAS. ALL INTERESTS IN HAITI AND THE DOMINICAN REPUBLIC IN THE AREA OF THE HURRICANE AND WHOLE GALE WARNINGS ARE URGED TO BEGIN IMMEDIATE PREPARATIONS FOR WINDS OF HURRICANE FORCE HIGH TIDES AND SURF AND TORRENTIAL RAINS. IMMEDIATE STEPS SHOULD BE TAKEN AGAINST THE ROUGH SEAS AND HIGH TIDES AND THE PEOPLE SHOULD KEEP AWAY FROM THE BEACHES AND LOW AREAS ALONG THE SOUTH COAST OF THE DOMINICAN REPUBLIC. FLORA IS A LARGE AND DANGEROUS HURRICANE AND IT IS NOT TOO EARLY TO START PREPARATIONS AND TAKE ALL PRECAUTIONS NOW.

PEOPLE ALONG THE SOUTH COAST OF PUERTO RICO SHOULD KEEP OFF THE BEACHES UNTIL THE SEAS SUBSIDE.

AT 3 PM AST THE CENTER OF HURRICANE FLORA IS ESTIMATED TO BE LOCATED NEAR LATITUDE 15.3 N AND LONGITUDE 70.5 W OR 220 STATUTE MILES SOUTH SOUTHWEST OF SANTO DOMINGO CITY. IT IS MOVING WEST NORTHWEST ABOUT 14 MPH AND IS EXPECTED TO CONTINUE IN THE SAME DIRECTION AND AT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 140 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND 50 MILES IN THE NORTH AND EAST QUADRANTS AND 25 MILES IN THE SOUTH AND WEST QUADRANTS. GALE WINDS EXTEND OUTWARD 175 MILES IN THE NORTH AND EAST AND 100 MILES IN THE SOUTH AND WEST.

FLORA IS NOW A THREAT TO JAMAICA AND ORIENTE PROVINCE CUBA AND INTERESTS IN THESE AREAS SHOULD KEEP IN TOUCH WITH THE LATEST INFORMATION ON THIS HURRICANE TODAY AND THURSDAY.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM AND BULLETINS WILL BE ISSUED AS NEW INFORMATION IS RECEIVED.

HIGGS

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 5 PM OCTOBER 2, 1963.

HURRICANE WARNINGS REMAIN IN EFFECT FOR THE SOUTHERN PENINSULA OF HAITI WEST OF JACMEL. WHOLE GALE WARNINGS ARE CONTINUED EAST OF JACMEL TO ISLA BEATA DOMINICAN REPUBLIC AND GALE WARNINGS EAST OF ISLA BEATA TO PUNTA PALENQUE.

PEOPLE IN THE AREA OF THE HURRICANE WARNINGS SHOULD IMMEDIATELY BEGIN TAKING PRECAUTIONS AND SEEK PLACES OF SAFETY BEFORE IT IS TOO LATE.

TIDES 8 TO 10 FEET ABOVE NORMAL ARE EXPECTED FROM ISLA BEATA WESTWARD TO THE LES CAYES AREA AS FLORA PASSES. TIDES OF 6 TO 8 FEET ARE FORECAST IN THE BAYS ON THE EAST COAST OF THE PENINSULA OF BARAHONA TO PUNTA PALENQUE AND 3 TO 4 FEET ABOVE NORMAL EAST OF PUNTA PALENQUE TO CABO ENGANO DOMINICAN REPUBLIC. LOW LYING BEACHES WILL BE FLOODED AND THE PEOPLE SHOULD MOVE OFF THE BEACHES IMMEDIATELY AND BE READY FOR QUICK ACTION SHOULD THE AREA OF GALE AND WHOLE GALE WARNINGS BE CHANGED TO HURRICANE WARNINGS.

HEAVY RAINS ARE EXPECTED OVER THE PENINSULA OF BARAHONA AND HAITI AND PRECAUTIONS AGAINST POSSIBLE FLOODS SHOULD BE TAKEN IN THESE AREAS. ALL INTERESTS IN HAITI AND THE DOMINICAN REPUBLIC IN THE AREA OF THE HURRICANE AND WHOLE GALE WARNINGS ARE URGED TO BEGIN IMMEDIATE PREPARATIONS FOR WINDS OF HURRICANE FORCE HIGH TIDES AND SURF AND TORRENTIAL RAINS. IMMEDIATE STEPS SHOULD BE TAKEN AGAINST THE ROUGH SEAS AND HIGH TIDES AND THE PEOPLE SHOULD KEEP AWAY FROM THE BEACHES AND LOW AREAS ALONG THE SOUTH COAST OF THE DOMINICAN REPUBLIC. FLORA IS A LARGE AND DANGEROUS HURRICANE AND IT IS NOT TOO EARLY TO START PREPARATION AND TAKE ALL PRECAUTIONS NOW.

ROUGH SEAS CONTINUE ALONG THE SOUTH COAST OF PUERTO RICO AND PEOPLE IN THIS AREA SHOULD KEEP OFF THE BEACHES UNTIL THE SEAS SUBSIDE.

HURRICANE FLORA CONTINUES MOVING TOWARD THE WEST NORTHWEST AT 14 MPH AND IS EXPECTED TO CONTINUE THE SAME DIRECTION AT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 140 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND 50 MILES IN THE NORTH AND EAST QUADRANTS AND 25 MILES IN THE SOUTH AND WEST QUADRANTS. GALE WINDS EXTEND OUTWARD 175 MILES IN THE NORTH AND EAST AND 100 MILES IN THE SOUTH AND WEST.

FLORA IS NOW A THREAT TO JAMAICA AND ORIENTE PROVINCE CUBA AND INTERESTS IN THESE AREAS SHOULD KEEP IN TOUCH WITH THE LATEST INFORMATION ON THIS HURRICANE TODAY AND THURSDAY.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM AND BULLETINS WILL BE ISSUED AS NEW INFORMATION IS RECEIVED.

HIGGS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 10 FLORA 6 PM OCTOBER 2, 1963.

HURRICANE WARNINGS ARE IN EFFECT FOR THE SOUTHERN PENINSULA OF HAITI WEST OF JACMEL. WHOLE GALE WARNINGS ARE CONTINUED EAST OF JACMEL TO ISLA BEATA DOMINICAN REPUBLIC AND GALE WARNINGS EAST OF ISLA BEATA TO PUNTA PALENQUE.

AT 6 PM AST...2200Z...HURRICANE FLORA WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 15.3 N AND LONGITUDE 70.6 W OR ABOUT 220 STATUTE MILES SOUTH SOUTHWEST OF SANTO DOMINGO CITY DOMINICAN REPUBLIC. IT IS STILL MOVING WEST NORTHWEST BUT ITS FORWARD MOTION HAS SLOWED TO 10 MPH. IT IS FORECAST TO MOVE ON A NORTHWESTERLY COURSE AT ABOUT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED TO BE 140 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND 50 MILES TO THE NORTH AND EAST AND 25 MILES TO THE SOUTH AND WEST QUADRANTS. GALE FORCE WINDS EXTEND OUTWARD 175 MILES IN THE NORTH AND EAST AND 100 MILES IN THE SOUTH AND WEST QUADRANTS. NO IMPORTANT CHANGE IN SIZE AND INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

ON ITS PRESENT COURSE HURRICANE FLORA SHOULD PASS WITHIN 50 MILES SOUTH OF LES CAYES HAITI ABOUT 8 O'CLOCK THURSDAY NIGHT. PEOPLE IN THE AREA OF THE HURRICANE WARNINGS SHOULD BEGIN IMMEDIATE PRECAUTIONS AND SEEK PLACES OF SAFETY. TIDES OF 8 TO 10 FEET ABOVE NORMAL ARE EXPECTED FROM ISLA BEATA WESTWARD TO THE LES CAYES AREA AS FLORA PASSES. TIDES OF 6 TO 8 FEET ARE FORECAST IN THE BAYS ON THE EAST COAST OF THE PENINSULA OF BARAHONA TO PUNTA PALENQUE DOMINICAN REPUBLIC AND 3 TO 4 FEET ABOVE NORMAL EAST OF PUNTA PALENQUE TO CABO ENGANO DOMINICAN REPUBLIC. LOW LYING BEACHES WILL BE FLOODED AND THE PEOPLE SHOULD MOVE OFF THE BEACHES IMMEDIATELY AND BE READY FOR QUICK ACTION SHOULD THE AREA OF GALE AND WHOLE GALE WARNINGS BE CHANGED TO HURRICANE WARNINGS.

ALONG THE SOUTH COAST OF PUERTO RICO PEOPLE SHOULD KEEP OFF THE BEACHES UNTIL THE SEAS SUBSIDE.

HEAVY RAINS ARE EXPECTED OVER THE SOUTHERN SECTIONS OF DOMINICAN REPUBLIC AND HAITI AND PRECAUTIONS AGAINST POSSIBLE FLOOD SHOULD BE TAKEN IN THESE AREAS. ALL INTERESTS IN HAITI AND THE DOMINICAN REPUBLIC IN THE AREA OF THE HURRICANE AND WHOLE GALE WARNINGS ARE URGED TO CONTINUE PREPARATION FOR WINDS OF HURRICANE FORCE HIGH TIDES AND SURF AND TORRENTIAL RAINS. FLORA IS A LARGE AND DANGEROUS HURRICANE AND PREPARATIONS AND PRECAUTIONS SHOULD BEGIN IMMEDIATELY.

FLORA POSES A THREAT TO JAMAICA AND ORIENTE PROVINCE OF CUBA AT THIS TIME AND SMALL CRAFT IN THIS AREA AND IN THE JAMAICA CHANNEL HAITI AND WINDWARD PASSAGE SHOULD SEEK SAFE HARBOR TONIGHT AND THURSDAY. SMALL CRAFT ALONG THE SOUTH COAST OF DOMINICAN REPUBLIC AND PUERTO RICO SHOULD REMAIN IN PORT UNTIL THE SEAS SUBSIDE.

SHIPPING IN THE PATH OF HURRICANE FLORA SHOULD EXERCISE EXTREME CAUTION.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 PM MIDNIGHT...0400Z...AND A BULLETIN WILL BE ISSUED AS NEW INFORMATION IS RECEIVED.

HUNDEBY

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 7 PM OCTOBER 2, 1963.

THE LATEST REPORTS FROM AIRCRAFT SHOW HURRICANE FLORA HAS SLOWED ITS FORWARD SPEED TO ABOUT 9 MPH. THIS SLOW DOWN COULD BE INTERPRETED THAT FLORA IS BEGINNING A SLOW CHANGE TO A MORE NORTHWESTERLY COURSE.

PEOPLE IN THE DOMINICAN REPUBLIC SHOULD BE READY TO TAKE QUICK ACTION TONIGHT SHOULD A CHANGE TO A NORTHWESTERLY COURSE BE VERIFIED BY LATER AIRCRAFT REPORTS THIS EVENING,

REPORTS FROM THE DOMINICAN REPUBLIC SHOW HEAVY SEAS AND SURF ARE NOW POUNDING THE SOUTH COAST OF THAT COUNTRY AND THESE WILL INCREASE DURING THE NIGHT. THE PEOPLE SHOULD KEEP OFF THE BEACHES AND AWAY FROM LOW AREAS.

THE PEOPLE LIVING ON THE SOUTH COASTAL AREAS OF HAITI SHOULD NOT RELAX THEIR VIGILANCE AND CONTINUE THEIR PREPARATIONS AGAINST HURRICANE FORCE WINDS HIGH TIDES OF 8 TO 10 FEET ABOVE NORMAL IN BAYS AND HARBORS AND FOR HEAVY RAINS LIKELY TO CAUSE FLOODS ON THURSDAY.

FLORA IS A LARGE AND DANGEROUS STORM AND IN ITS PRESENT POSITION AND THE SLOWING OF ITS FORWARD SPEED PRESENTS A REAL DANGER TO THE DOMINICAN REPUBLIC AND HAITI.

SAFETY MEASURES SHOULD BE CONTINUED THROUGHOUT THE PENINSULA OF BARAHONA AND PRESQUE ISLE DU SUD-OUEST.

HIGGS

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV 9 PM AST OCTOBER 2, 1963.

HURRICANE WARNINGS ARE IN EFFECT FOR THE SOUTHERN PENINSULA OF HAITI WEST OF JACMEL. WHOLE GALE WARNINGS ARE CONTINUED EAST OF JACMEL TO ISLA BEATA DOMINICAN REPUBLIC AND GALE WARNINGS EAST OF ISLA BEATA TO PUNTA PALENQUE.

AT 9 PM AST..0100Z..HURRICANE FLORA WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 15.6 N LONGITUDE 70.9 W OR ABOUT 210 STATUTE MILES SOUTH-SOUTHWEST OF SANTO DOMINGO DOMINICAN REPUBLIC. IT IS MOVING BETWEEN WEST-NORTHWEST AND NORTHWEST ABOUT 10 MPH. DURING THE NEXT 12 HOURS A NORTHWESTERLY COURSE AT THE SAME SPEED IS ANTICIPATED.

HIGHEST WINDS ARE ESTIMATED TO BE 140 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 50 MILES TO THE NORTH AND EAST AND 25 MILES TO THE SOUTH AND WEST. GALES EXTEND OUTWARD 175 MILES TO THE NORTH AND EAST AND 100 MILES TO THE SOUTH AND WEST. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

PEOPLE IN THE AREA OF HURRICANE WARNINGS SHOULD BEGIN IMMEDIATE PREPARATIONS FOR THE PROTECTION OF LIFE AND PROPERTY AGAINST HURRICANE FORCE WINDS TORRENTIAL RAIN TIDES 8 TO 10 FEET ABOVE NORMAL AND EXTREMELY HEAVY SURF. PEOPLE EAST OF THE HURRICANE WARNING AREA SHOULD TAKE NECESSARY PRECAUTIONS AGAINST WHOLE GALE OR GALE FORCE WINDS HEAVY RAINS AND ABNORMALLY HIGH TIDES. THE HEAVY SURF MAY BE EXPECTED ALONG THE ENTIRE SOUTHERN COAST OF HAITI AND THE DOMINICAN REPUBLIC. PEOPLE SHOULD MOVE OFF THE BEACHES AND AWAY FROM LOW LYING AREAS. PRECAUTIONS SHOULD ALSO BE TAKEN AGAINST FLOODING OF LOW LYING INLAND AREAS DUE TO HEAVY RAINS.

ON ITS PRESENT COURSE AND WITH ITS LOW FORWARD SPEED THE CENTER OF HURRICANE FLORA IS EXPECTED TO PASS CLOSE TO THE WESTERN TIP OF THE HAITIAN PENINSULA LATE THURSDAY EVENING. WHILE THE HURRICANE CENTER IS STILL ABOUT 24 HOURS AWAY IT IS NOT TOO EARLY TO TAKE PRECAUTIONS AS THE STRONG WINDS HEAVY RAIN AND HIGH TIDES WILL PRECEDE THE CENTER BY MANY HOURS.

ALONG THE SOUTH COAST OF PUERTO RICO PEOPLE SHOULD REMAIN OFF THE BEACHES UNTIL THE SEAS SUBSIDE.

FLORA STILL POSES A THREAT TO JAMAICA AND ORIENTE PROVINCE OF CUBA AT THIS TIME AND SMALL CRAFT IN THESE AREAS AND IN THE JAMAICA CHANNEL AND WINDWARD PASSAGE SHOULD SEEK SAFE HARBOR TONIGHT AND THURSDAY. SMALL CRAFT ALONG THE SOUTH COAST OF PUERTO RICO SHOULD REMAIN IN PORT IN ADDITION TO THOSE IN THE AREAS OF WARNING.

FLORA IS A WELL ORGANIZED AND DANGEROUS HURRICANE AND ALL SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 MIDNIGHT AST...AND BULLETINS WILL BE ISSUED AS NEW INFORMATION IS RECEIVED.

DAVIS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 11 FLORA 12 MIDNIGHT AST OCTOBER 3, 1963.

HURRICANE WARNINGS ARE IN EFFECT FOR THE HAITIAN PENINSULA WEST OF SALTROU AND FOR ISLA BEATA. WHOLE GALE WARNINGS ARE IN EFFECT FROM BAHIA NEIBA TO ILE DE LA TORTUE NORTH OF HAITI. GALE WARNINGS ARE IN EFFECT FROM SANTO DOMINGO CITY TO PUERTO PLATA.

AT MIDNIGHT AST...0400Z...HURRICANE FLORA WAS ESTIMATED TO BE NEAR LATITUDE 15.8 N LONGITUDE 71.1 W OR ABOUT 200 STATUTE MILES SOUTH SOUTHWEST OF SANTO DOMINGO CITY DOMINICAN REPUBLIC AND 210 STATUTE MILES SOUTH SOUTHEAST OF PORT AU PRINCE HAITI. IT IS MOVING TOWARD THE NORTHWEST AT 9 MPH AND IS EXPECTED TO CONTINUE AT ITS PRESENT SPEED DURING THE NEXT 12 HOURS BUT WITH A SLIGHTLY MORE NORTHERLY DIRECTIONAL COMPONENT.

HIGHEST WINDS ARE ESTIMATED TO BE 140 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 50 MILES IN THE NORTH AND EAST QUADRANTS AND 25 MILES IN THE SOUTH AND WEST QUADRANTS. GALE FORCE WINDS EXTEND 175 MILES TO THE NORTH AND EAST AND 100 MILES TO THE SOUTH AND WEST. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

THE PRESENT COURSE AND SPEED OF HURRICANE FLORA WILL TAKE THE CENTER TO THE GROSSE CAYE AQUIN AREA NEAR THE CENTER OF THE HAITIAN PENINSULA ABOUT MIDNIGHT THURSDAY. PEOPLE IN THE AREA OF HURRICANE WARNINGS SHOULD TAKE IMMEDIATE PRECAUTIONS FOR THE PROTECTION OF LIFE AND PROPERTY AGAINST HURRICANE FORCE WINDS TORRENTIAL RAINS TIDES 8 TO 10 FEET ABOVE NORMAL AND VERY HEAVY SURF. IN THE AREA OF WHOLE GALE WARNING CONDITIONS WILL BE ONLY SLIGHTLY LESS HAZARDOUS, PARTICULARLY FROM ISLA BEATA TO AND INCLUDING THE BAHIA NEIBA AND THE VALLEY AREA EXTENDING TO THE WEST NORTHWEST. PEOPLE IN THE AREA OF GALE WARNINGS SHOULD ALSO TAKE NECESSARY PRECAUTIONS AGAINST STRONG WINDS HEAVY RAIN ABNORMALLY HIGH TIDES AND HEAVY SURF. TIDES AND SURF THROUGH THE ENTIRE WARNING AREA FROM SANTO DOMINGO CITY WESTWARD WILL CREATE SERIOUS FLOODING CONDITIONS AND WILL BE ESPECIALLY HAZARDOUS IN THE AREA OF HURRICANE WARNINGS AND ALONG THE COAST FROM ISLA BEATA NORTHEASTWARD TO AND INCLUDING BAHIA NEIBA AND BAHIA DE OCOA. PREPARATIONS AND SAFETY MEASURES SHOULD BE COMPLETED BY NOON THURSDAY AT THE LATEST. WINDS WILL BE INCREASING SHORTLY AFTER DAYBREAK AND ARE EXPECTED TO REACH HURRICANE FORCE ABOUT 3 PM. PEOPLE IN LOW LYING BEACH AREAS AND OTHER EXPOSED PLACES SHOULD BE PREPARED TO EVACUATE AS INUNDATION OF THESE AREAS IS LIKELY. PEOPLE IN LOW LYING INLAND AREAS SHOULD ALSO BE PREPARED FOR THE PROBABILITY OF FLOODING DUE TO TORRENTIAL RAINS.

THE THREAT TO JAMAICA NO LONGER EXISTS BUT SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR FROM JAMAICA AND EXTREME EASTERN CUBA EASTWARD TO MONA PASSAGE.

PEOPLE ON THE SOUTH COAST OF PUERTO RICO SHOULD CONTINUE TO EXERCISE PRECAUTIONS AND REMAIN AWAY FROM THE BEACHES UNTIL HIGH SEAS SUBSIDE.

HURRICANE FLORA IS A DANGEROUS AND WELL ORGANIZED STORM. SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 AM AST, .1000Z...AND A BULLETIN WILL BE ISSUED AT 3 AM AST.

DAVIS

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV 3 AM AST OCTOBER 3, 1963.

HURRICANE WARNINGS ARE IN EFFECT FOR THE HAITIAN PENINSULA WEST OF SALTROU AND FOR ISLA BEATA. WHOLE GALE WARNINGS ARE IN EFFECT FROM BAHIA DE NEIBA TO ILE DE LA TORTUE NORTH OF HAITI. GALE WARNINGS ARE IN EFFECT FROM SANTO DOMINGO CITY TO PUERTO PLATA.

SINCE MIDNIGHT HURRICANE FLORA HAS CONTINUED ON A NORTHWESTERLY COURSE AT ABOUT 9 MPH. AT 3 AM AST...0700Z...ON THE BASIS OF RECONNAISSANCE AIRCRAFT REPORTS IT WAS ESTIMATED TO BE LOCATED NEAR LATITUDE 16.1 N LONGITUDE 71.5 W. THIS POSITION IS APPROXIMATELY 190 STATUTE MILES SOUTHWEST OF SANTO DOMINGO CITY DOMINICAN REPUBLIC AND 180 STATUTE MILES SOUTH SOUTHEAST OF PORT AU PRINCE HAITI. IT IS EXPECTED TO MOVE AT THE SAME SPEED FOR THE NEXT 12 HOURS BUT WILL PROBABLY ASSUME A SLIGHTLY MORE NORTHERLY DIRECTIONAL COMPONENT.

LITTLE CHANGE HAS OCCURRED IN THE WIND FIELD AND NONE OF SIGNIFICANCE IS ANTICIPATED DURING THE NEXT 12 HOUR PERIOD. HIGHEST WINDS ARE ESTIMATED TO BE 140 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 50 MILES IN THE NORTH AND EAST QUADRANTS AND 25 MILES TO THE SOUTH AND WEST. GALE FORCE WINDS EXTEND 175 MILES IN THE NORTH AND EAST QUADRANTS AND 100 MILES TO THE SOUTH AND WEST.

THE FORECAST COURSE AND SPEED OF HURRICANE FLORA WILL TAKE THE CENTER TO THE GROSSE CAYE AQUIN AREA NEAR THE CENTER OF THE HAITIAN PENINSULA ABOUT MIDNIGHT THURSDAY. THIS IS A DANGEROUS HURRICANE AND IMMEDIATE PRECAUTIONS SHOULD BE TAKEN IN THE AREAS OF WARNING. IN THE AREA OF HURRICANE WARNINGS HURRICANE FORCE WINDS TORRENTIAL RAINS TIDES 8 TO 10 FEET ABOVE NORMAL AND EXTREMELY HEAVY SURF ARE EXPECTED. IN THE AREA OF WHOLE GALE WARNINGS CONDITIONS WILL BE ONLY SLIGHTLY LESS HAZARDOUS PARTICULARLY FROM ISLA BEATA TO AND INCLUDING BAHIA DE NEIBA AND BAHIA DE OCOA AND THE VALLEY AREA EXTENDING TO THE WEST NORTHWEST OF BAHIA DE NEIBA. IN THE AREA OF GALE WARNINGS STRONG WINDS HEAVY RAIN ABNORMALLY HIGH TIDES AND HEAVY SURF ARE EXPECTED. TIDES AND SURF THROUGH THE ENTIRE WARNING AREA FROM SANTO DOMINGO CITY WESTWARD WILL CREATE SERIOUS FLOODING CONDITIONS AND WILL BE ESPECIALLY HAZARDOUS IN THE AREA OF HURRICANE WARNINGS AND ALONG THE COAST FROM ISLA BEATA NORTHEAST TO AND INCLUDING BAHIA DE NEIBA AND BAHIA DE OCOA.

PREPARATIONS AND SAFETY MEASURES SHOULD BE COMPLETED AS SOON AS POSSIBLE AND AT THE LATEST DURING THE FORENOON THURSDAY. WINDS WILL BE INCREASING SHORTLY AFTER DAYBREAK AND IN THE AREA OF HURRICANE WARNINGS WILL REACH HURRICANE FORCE ABOUT 3 PM. PEOPLE IN LOW LYING BEACH AREAS AND OTHER EXPOSED PLACES SHOULD BE PREPARED TO EVACUATE AS INUNDATION OF THESE AREAS IS LIKELY. PEOPLE IN LOW LYING INLAND AREAS SHOULD BE ON THE ALERT AND PREPARED FOR THE POSSIBILITY OF FLOODING DUE TO TORRENTIAL RAINS.

SMALL CRAFT FROM JAMAICA AND EASTERN ORIENTE PROVINCE CUBA EASTWARD TO MONA PASSAGE SHOULD SEEK SAFE HARBOR. SMALL CRAFT IN THE EXTREME EASTERN BAHAMAS SHOULD NOT VENTURE FAR FROM PORT.

PEOPLE IN SOUTH COASTAL BEACH AREAS OF PUERTO RICO SHOULD CONTINUE TO TAKE PRECAUTIONS UNTIL HIGH SEAS SUBSIDE.

HURRICANE FLORA IS A DANGEROUS AND WELL ORGANIZED HURRICANE. SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

THE NEXT REGULAR ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 AM AST...1000Z.

DAVIS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 12 FLORA 6 AM AST OCTOBER 3, 1963.

HURRICANE EMERGENCY WARNINGS ARE IN EFFECT FOR THE HAITIAN PENINSULA AND ARE EXTENDED EASTWARD TO CABO BEATA D. R. AND NORTHWARD TO INCLUDE THE NORTHWEST PROVINCE OF HAITI. WHOLE GALE WARNINGS ARE IN EFFECT IN OTHER AREAS WEST OF A LINE FROM BAHIA DE NEIBA D. R. TO CAP HAITIEN ON THE NORTH COAST OF HAITI. GALE WARNINGS ARE IN EFFECT OVER THE REMAINDER OF HISPANIOLA WEST OF A LINE FROM SANTO DOMINGO CITY TO PUERTO PLATA.

ON ITS PRESENT COURSE HURRICANE FLORA WILL MOVE ACROSS THE CENTER OF THE HAITIAN PENINSULA THIS EVENING. ALL PREPARATIONS SHOULD BE RUSHED TO COMPLETION AS SOON AS POSSIBLE. DESTRUCTIVE WINDS AND DANGEROUSLY HIGH STORM TIDES 8 TO 10 FEET ABOVE NORMAL WILL BE EXPERIENCED IN THE AREA OF HURRICANE WARNINGS. CONDITIONS WILL BE ONLY SLIGHTLY LESS HAZARDOUS IN THE AREA OF WHOLE GALE WARNINGS.

PEOPLE WEST OF SANTO DOMINGO CITY SHOULD EVACUATE THE BEACHES AND ALL LOW LYING AREAS NEAR THE COAST IMMEDIATELY BEFORE RISING WATERS FROM THE STORM TIDES CUT OFF ESCAPE.

TORRENTIAL RAINFALL IS EXPECTED OVER HAITI AND WESTERN DOMINICAN REPUBLIC AND THERE IS A DEFINITE THREAT OF DESTRUCTIVE FLOODS ON ALL MAJOR RIVERS AND STREAMS.

REPORTS FROM RECONNAISSANCE AIRCRAFT THIS MORNING INDICATE THAT HURRICANE FLORA IS LOCATED AT 6 AM AST...1000Z...NEAR LATITUDE 16.3 N LONGITUDE 71.8 W OR ABOUT 190 STATUTE MILES SOUTHWEST OF SANTO DOMINGO CITY AND 160 STATUTE MILES SOUTH SOUTHEAST OF PORT AU PRINCE HAITI. IT IS MOVING NORTHWEST AT ABOUT 9 MPH AND IS EXPECTED TO CONTINUE NORTHWEST AT THE SAME SPEED FOR THE NEXT 12 HOURS.

LOWEST PRESSURE IN THE HURRICANE IS 954 MILLIBARS OR 28.17 INCHES AND HIGHEST WINDS ARE ABOUT 140 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE WINDS EXTEND OUT ABOUT 50 MILES TO THE NORTH AND EAST AND 25 MILES TO THE SOUTH AND WEST OF THE CENTER. GALE WINDS EXTEND OUTWARD 175 MILES IN THE NORTH AND EAST QUADRANTS AND 100 MILES IN THE SOUTH AND WEST QUADRANTS. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS FORECAST DURING THE NEXT 12 HOURS.

SHIPS IN THE PATH OF FLORA SHOULD EXERCISE EXTREME CAUTION. SMALL CRAFT FROM JAMAICA AND EASTERN ORIENTE PROVINCE CUBA EASTWARD TO MONA PASSAGE SHOULD SEEK SAFE HARBOR AND SMALL CRAFT IN THE EXTREME EASTERN BAHAMAS SHOULD NOT VENTURE FAR FROM PORT.

THE NEXT REGULAR ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 NOON AST...1600Z...AND A BULLETIN WILL BE ISSUED AT 9 AM AST.

HOOSE

SAN JUAN WEATHER BUREAU HURRICANE BULLETIN FOR PRESS RADIO AND TV 9 AM AST OCTOBER 3, 1963.

HURRICANE EMERGENCY WARNINGS ARE CONTINUED FOR THE HAITIAN PENINSULA EAST TO CABO BEATA D. R. AND NORTH TO INCLUDE THE NORTHWEST PROVINCE OF HAITI. WHOLE GALE WARNINGS ARE IN EFFECT IN OTHER AREAS WEST OF A LINE FROM BAHIA DE NEIBA D. R. TO CAP HAITIEN. GALE WARNINGS ARE IN EFFECT OVER THE REMAINDER OF HISPANIOLA WEST OF A LINE FROM SANTO DOMINGO CITY TO PUERTO PLATA.

AT 9 AM AST...1300Z...HURRICANE FLORA WAS ESTIMATED TO BE LOCATED NEAR LATITUDE 16.5 N LONGITUDE 72.0 W OR ABOUT 140 STATUTE MILES SOUTH SOUTHEAST OF PORT AU PRINCE HAITI. HIGHEST WINDS ARE STILL ABOUT 140 MPH OVER A SMALL AREA NEAR THE CENTER. THE HURRICANE IS MOVING NORTHWEST AT ABOUT 9 MPH. DURING THE NEXT 6 HOURS IT IS EXPECTED TO CONTINUE NORTHWEST AT ABOUT THE SAME SPEED AND WITH LITTLE CHANGE IN SIZE OR INTENSITY.

ON ITS PRESENT PATH HURRICANE FLORA WILL CROSS THE HAITIAN PENINSULA THIS EVENING. PREPARATIONS AGAINST DESTRUCTIVE WINDS ABNORMALLY HIGH STORM TIDES AND TORRENTIAL RAINS SHOULD BE RUSHED TO COMPLETION WITH ALL POSSIBLE URGENCY IN THE AREA OF HURRICANE DISPLAY.

ALL PERSONS LIVING IN LOW LYING AREAS NEAR THE COAST WEST OF SANTO DOMINGO CITY IN SOUTHERN DOMINICAN REPUBLIC AND HAITI SHOULD EVACUATE AND MOVE TO HIGHER GROUND IMMEDIATELY. THIS IS AN EMERGENCY WARNING AS STORM TIDES WILL FLOOD COASTAL LANDS TO HEIGHTS OF 8 TO 10 FEET ABOVE NORMAL LEVELS.

SMALL CRAFT FROM JAMAICA AND EASTERN ORIENTE PROVINCE CUBA EASTWARD TO MONA PASSAGE SHOULD SEEK SAFE HARBOR. SMALL CRAFT IN THE EXTREME EASTERN BAHAMAS SHOULD NOT VENTURE FAR FROM PORT.

THE NEXT REGULAR ADVISORY ON FLORA WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 NOON AST 1600Z...AND BULLETINS WILL BE ISSUED AS WARRANTED.

HOOSE

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 13 FLORA 12 NOON AST OCTOBER 3, 1963.

HURRICANE EMERGENCY WARNINGS ARE IN EFFECT FOR THE HAITIAN PENINSULA EASTWARD TO CABO BEATA DOMINICAN REPUBLIC AND NORTHWARD TO INCLUDE THE EXTREME NORTHWEST PROVINCE OF HAITI. WHOLE GALE WARNINGS ARE IN EFFECT IN OTHER AREAS WEST OF A LINE FROM BAHIA DE NEIBA DOMINICAN REPUBLIC TO CAP HAITIEN ON THE NORTH COAST OF HAITI. GALE WARNINGS ARE IN EFFECT OVER THE REMAINDER OF HISPANIOLA WEST OF A LINE FROM PUNTA PALENQUE TO MONTE CRISTI.

ON ITS PRESENT COURSE AND SPEED HURRICANE FLORA WILL MOVE ACROSS THE WESTERN PENINSULA OF HAITI NEAR LES CAYES ABOUT MIDNIGHT. ALL PREPARATIONS SHOULD BE RUSHED TO COMPLETION AS SOON AS POSSIBLE. DESTRUCTIVE WINDS AND DANGEROUSLY HIGH STORM TIDES 8 TO 10 FEET ABOVE NORMAL WILL BE EXPERIENCED IN THE AREA OF HURRICANE WARNINGS. CONDITIONS WILL BE ONLY SLIGHTLY LESS HAZARDOUS IN THE COASTAL AREAS OF WHOLE GALE WARNINGS.

PEOPLE WEST OF SANTO DOMINGO CITY SHOULD EVACUATE THE BEACHES AND ALL LOW LYING AREAS NEAR THE COAST IMMEDIATELY BEFORE RISING WATERS FROM THE STORM TIDES CUT OFF ESCAPE.

TORRENTIAL RAINFALL IS EXPECTED OVER HAITI AND WESTERN DOMINICAN REPUBLIC AND THERE IS A DEFINITE THREAT OF DESTRUCTIVE FLOODS ON ALL MAJOR RIVERS AND STREAMS.

REPORTS FROM VESSELS AND RECONNAISSANCE AIRCRAFT THIS MORNING INDICATE THAT HURRICANE FLORA IS LOCATED AT 12 NOON AST..1600Z... NEAR LATITUDE 16.8 N AND LONGITUDE 72.4 W OR ABOUT 125 STATUTE MILES SOUTH OF PORT AU PRINCE HAITI AND 200 STATUTE MILES SOUTHWEST OF SANTO DOMINGO CITY. IT IS MOVING NORTHWEST AT ABOUT 10 MPH AND IS EXPECTED TO CONTINUE TOWARD THE NORTHWEST AT THE SAME SPEED FOR THE NEXT 12 HOURS.

LOWEST PRESSURE IN THE HURRICANE IS COMPUTED TO BE 944 MILLIBARS OR 27.90 INCHES AND HIGHEST WINDS ARE ABOUT 140 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE WINDS EXTEND OUT ABOUT 50 MILES TO THE NORTH AND EAST AND 25 MILES TO THE SOUTH AND WEST OF THE CENTER. GALE WINDS EXTEND OUTWARD 175 MILES IN THE NORTH AND EAST QUADRANTS AND 100 MILES IN THE SOUTH AND WEST QUADRANTS. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS FORECAST DURING THE NEXT 12 HOURS.

SMALL CRAFT AROUND ORIENTE PROVINCE OF CUBA TO JAMAICA AND EASTWARD TO MONA PASSAGE SHOULD SEEK SAFE HARBOR AND SMALL CRAFT IN THE SOUTHEASTERN BAHAMAS SHOULD NOT VENTURE FAR FROM PORT TODAY.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

THE NEXT REGULAR ADVISORY ON THIS HURRICANE WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM AST...2200Z...AND BULLETINS WILL BE ISSUED AS WARRANTED.

HIGGS

SAN JUAN WEATHER BUREAU HURRICANE BULLETIN FOR PRESS RADIO AND TELEVISION 3 PM AST OCTOBER 3, 1963.

HURRICANE EMERGENCY WARNINGS CONTINUE IN EFFECT FOR THE SOUTHERN PENINSULA OF HAITI AND EASTWARD TO CABO BEATA DOMINICAN REPUBLIC AND NORTHWARD TO THE EXTREME NORTHWEST PROVINCE OF HAITI. WHOLE GALE WARNINGS CONTINUE EAST OF CABO BEATA TO BAHIA NEIBA THENCE NORTHWESTWARD TO CAP HAITIEN. GALE WARNINGS CONTINUE EAST OF BAHIA NEIBA TO PUNTA PALENQUE AND NORTHWESTWARD TO MONTE CRISTI.

THE CENTER OF HURRICANE FLORA IS EXPECTED TO PASS OVER THE SOUTHERN PENINSULA OF HAITI NEAR LES CAYES ABOUT MIDNIGHT TONIGHT. THE WINDS WILL BE INCREASING VERY SHORTLY ALONG THE SOUTH COAST OF HAITI REACHING HURRICANE FORCE BEFORE MIDNIGHT. ALL PRECAUTIONS AND PREPARATIONS SHOULD BE RUSHED TO COMPLETION AGAINST DESTRUCTIVE WINDS AND DANGEROUSLY HIGH TIDES OF 8 TO 10 FEET IN THE AREA OF HURRICANE WARNINGS. BAHIA NEIBA AREA IS ESPECIALLY VULNERABLE TO EXTREMELY HIGH STORM TIDES TONIGHT AND THE PEOPLE IN THAT AREA SHOULD MOVE TO HIGHER GROUND BEFORE IT IS TOO LATE.

HEAVY RAINS OF 7 TO 10 INCHES ARE EXPECTED TONIGHT AND THE PEOPLE ARE URGED TO MOVE AWAY FROM THE RIVERS AND LOW AREAS BECAUSE OF FLOODING.

FLORA IS A VERY DANGEROUS HURRICANE AND ALL PRECAUTIONS SHOULD BE RUSHED AS THE WORST HURRICANE CONDITIONS WILL BE FELT DURING THE NIGHT HOURS.

FROM RECONNAISSANCE AND VESSEL REPORTS TODAY HURRICANE FLORA WAS ESTIMATED TO BE CENTERED AT 3 PM NEAR LATITUDE 17.0 N AND LONGITUDE 72.7 W OR ABOUT 110 STATUTE MILES SOUTH SOUTHWEST OF PORT AU PRINCE HAITI. IT CONTINUES MOVING TOWARD THE NORTHWEST AT 10 MPH AND IS EXPECTED TO CONTINUE IN THIS DIRECTION AND AT ABOUT THE SAME SPEED FOR THE NEXT 12 HOURS.

UNCONFIRMED INFORMATION FROM PORT AU PRINCE RECEIVED EARLIER TODAY INDICATE HEAVY RAINS AND GUSTY SURFACE WINDS UP TO 25 MPH WERE BEING EXPERIENCED. NO OTHER INFORMATION HAS BEEN RECEIVED.

SMALL CRAFT FROM AROUND JAMAICA AND ORIENTE PROVINCE CUBA EASTWARD TO MONA PASSAGE SHOULD REMAIN IN SAFE HARBOR. SMALL CRAFT IN THE SOUTHEASTERN BAHAMAS SHOULD NOT VENTURE FAR FROM PORT TODAY.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM AST AND BULLETINS WILL BE ISSUED ON RECEIPT OF NEW INFORMATION.

HIGGS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 14 FLORA 6 PM AST...2200Z..OCTOBER 3, 1963.

HURRICANE EMERGENCY WARNINGS ARE IN EFFECT FOR THE HAITIAN PENINSULA EASTWARD TO CABO BEATA DOMINICAN REPUBLIC AND NORTHWARD TO INCLUDE THE EXTREME NORTHWEST PROVINCE OF HAITI. WHOLE GALE WARNINGS ARE IN EFFECT IN OTHER AREAS WEST OF A LINE FROM BAHIA DE NEIBA DOMINICAN REPUBLIC TO CAP HAITIEN ON THE NORTH COAST OF HAITI. GALE WARNINGS ARE IN EFFECT OVER THE REMAINDER OF HISPANIOLA WEST OF A LINE FROM PUNTA PALENQUE TO MONTE CRISTI.

ON ITS PRESENT COURSE AND SPEED HURRICANE FLORA WILL MOVE ACROSS THE WESTERN PENINSULA OF HAITI NEAR LES CAYES ABOUT MIDNIGHT. ALL PREPARATIONS SHOULD BE RUSHED TO COMPLETION AS SOON AS POSSIBLE. DESTRUCTIVE WINDS AND DANGEROUSLY HIGH STORM TIDES 8 TO 10 FEET ABOVE NORMAL WILL BE EXPERIENCED IN THE AREA OF HURRICANE WARNINGS. CONDITIONS WILL ALSO BE HAZARDOUS IN THE COASTAL AREAS OF WHOLE GALE WARNINGS.

PEOPLE WEST OF SANTO DOMINGO CITY SHOULD EVACUATE THE BEACHES AND ALL LOW LYING AREAS NEAR THE COAST IMMEDIATELY BEFORE RISING WATERS FROM THE STORM TIDES CUT OFF ESCAPE.

TORRENTIAL RAINFALL IS EXPECTED OVER HAITI AND WESTERN DOMINICAN REPUBLIC AND THERE IS A DEFINITE THREAT OF DESTRUCTIVE FLOODS ON ALL MAJOR RIVERS AND STREAMS.

REPORTS FROM VESSELS AND RECONNAISSANCE AIRCRAFT THIS AFTERNOON INDICATE THAT HURRICANE FLORA IS LOCATED AT 6 PM AST ..2200Z.. NEAR LATITUDE 17.5 N AND LONGITUDE 73.0 W OR ABOUT 90 STATUTE MILES SOUTH SOUTHWEST OF PORT AU PRINCE HAITI. IT IS MOVING TOWARD THE NORTHWEST AT ABOUT 10 MPH AND IS EXPECTED TO CONTINUE TOWARD THE NORTHWEST AT ABOUT THE SAME SPEED FOR THE NEXT 12 HOURS. THERE ARE SOME INDICATIONS THAT THE HURRICANE WILL TURN TOWARD A MORE NORTH NORTHWESTERLY DIRECTION ON FRIDAY.

LOWEST PRESSURE IN THE HURRICANE EARLIER THIS AFTERNOON WAS COMPUTED TO BE 944 MILLIBARS OR 27.90 INCHES AND HIGHEST WINDS ARE ABOUT 140 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE WINDS EXTEND OUT ABOUT 50 MILES TO THE NORTH AND EAST AND 25 MILES TO THE SOUTH AND WEST OF THE CENTER. GALE WINDS EXTEND OUTWARD 175 MILES IN THE NORTH AND EAST QUADRANTS AND 100 MILES IN THE SOUTH AND WEST QUADRANTS. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS FORECAST DURING THE NEXT 12 HOURS.

SMALL CRAFT AROUND ORIENTE PROVINCE OF CUBA AND EASTWARD TO MONA PASSAGE SHOULD STAY IN PORT. SMALL CRAFT IN THE SOUTHEASTERN BAHAMAS SHOULD SEEK SAFE HARBOR TONIGHT.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

THE NEXT REGULAR ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 O'CLOCK MIDNIGHT..0400Z.. AND BULLETINS WILL BE ISSUED AS NEW INFORMATION IS RECEIVED.

ZIMMER

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 9 PM AST OCTOBER 3, 1963.

HURRICANE EMERGENCY WARNINGS ARE CONTINUED FOR THE HAITIAN PENINSULA EASTWARD TO CABO BEATA DOMINICAN REPUBLIC AND NORTHWARD TO INCLUDE THE EXTREME NORTHWEST PROVINCE OF HAITI. WHOLE GALE WARNINGS REMAIN IN EFFECT IN OTHER AREAS WEST OF A LINE FROM BAHIA DE NEIBA DOMINICAN REPUBLIC TO CAP HAITIEN ON THE NORTH COAST OF HAITI. GALE WARNINGS ARE IN EFFECT FOR OTHER AREAS OF HISPANIOLA WEST OF A LINE FROM PUNTA PALENQUE TO MONTE CRISTI.

HURRICANE FLORA HAS BEEN UNDER CONSTANT SURVEILLANCE BY RECONNAISSANCE AIRCRAFT DURING THE EVENING AND AT 9 PM AST...0100Z... IT WAS ESTIMATED TO BE NEAR LATITUDE 17.9 N AND LONGITUDE 73.2 W OR ABOUT 20 STATUTE MILES SOUTH SOUTHWEST OF JACMEL ON THE HAITIAN PENINSULA. IT IS MOVING TOWARD THE NORTH NORTHWEST ABOUT 10 MPH AND IS EXPECTED TO MAINTAIN ITS PRESENT SPEED AND DIRECTION FOR THE NEXT 12 HOURS.

ITS PRESENT COURSE AND SPEED WILL CARRY THE HURRICANE CENTER ACROSS THE HAITIAN PENINSULA WITHIN THE NEXT SIX HOURS. THIS IS A DANGEROUS HURRICANE AND ALL PEOPLE WHO HAVE NOT COMPLETED PREPARATIONS FOR THE PROTECTION OF LIFE AND PROPERTY SHOULD RUSH THEM TO CONCLUSION. MOST SEVERE CONDITIONS ARE EXPECTED OVER THE HAITIAN PENINSULA THE EXTREME NORTHWEST PROVINCE OF HAITI AND ALONG THE COASTAL SECTIONS OF THE DOMINICAN REPUBLIC FROM CABO BEATA TO BAHIA DE NEIBA. ALL PEOPLE WEST OF SANTO DOMINGO CITY HOWEVER SHOULD TAKE NECESSARY PRECAUTIONS AND EVACUATE BEACHES AND LOW LYING COASTAL AREAS IMMEDIATELY BEFORE RISING WATERS FROM STORM TIDES CUT OFF ESCAPE. TIDES WERE REPORTED A SHORT TIME AGO TO BE 2 FEET ABOVE NORMAL AT CABO ROJO DOMINICAN REPUBLIC AND THEY ARE EXPECTED TO RISE IN THE AREA OF HURRICANE WARNINGS TO AS MUCH AS 8 TO 10 FEET. WINDS WITH GUSTS TO 60 MPH ARE OCCURRING NOW AT PORT AU PRINCE HAITI AND CONSIDERABLY STRONGER WINDS ARE CERTAIN TO DEVELOP SHORTLY IN THE AREA OF HURRICANE WARNINGS.

TORRENTIAL RAINFALL IS OCCURRING OVER HAITI AND WESTERN DOMINICAN REPUBLIC AND IS EXPECTED TO CONTINUE THROUGHOUT THE NIGHT. SEVERE FLOODING IS PROBABLE IN LOW LYING AREAS AND NEAR RIVERS AND STREAMS AND PEOPLE SHOULD EVACUATE TO HIGHER GROUND IN THESE AREAS.

HIGHEST WINDS ARE ABOUT 140 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE WINDS EXTEND OUT ABOUT 50 MILES TO THE NORTH AND EAST AND 25 MILES TO THE SOUTH AND WEST OF THE CENTER. GALE WINDS EXTEND OUTWARD 175 MILES IN THE NORTH AND EAST QUADRANTS AND 100 MILES IN THE SOUTH AND WEST QUADRANTS. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS FORECAST DURING THE NEXT 12 HOURS.

SMALL CRAFT FROM ORIENTE PROVINCE CUBA EASTWARD TO MONA PASSAGE SHOULD REMAIN IN PORT. SMALL CRAFT IN THE EASTERN BAHAMAS SHOULD SEEK SAFE HARBOR IMMEDIATELY.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE EXTREME CAUTION.

THE NEXT REGULAR ADVISORY WILL BE ISSUED AT 12 MIDNIGHT AST...0400Z...AND A BULLETIN WILL BE ISSUED AT 3 AM AST.

DAVIS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 15 FLORA 12 MIDNIGHT AST OCTOBER 4, 1963.

HURRICANE EMERGENCY WARNINGS ARE CONTINUED FOR THE HAITIAN PENINSULA EASTWARD TO CABO BEATA DOMINICAN REPUBLIC AND NORTHWARD TO INCLUDE THE EXTREME NORTHWEST PROVINCE OF HAITI AND ARE RAISED FOR ORIENTE PROVINCE CUBA. WHOLE GALE WARNINGS REMAIN IN EFFECT IN OTHER AREAS WEST OF A LINE FROM BAHIA DE NEIBA DOMINICAN REPUBLIC TO CAP HAITIEN ON THE NORTH COAST OF HAITI. GALE WARNINGS ARE IN EFFECT FOR OTHER AREAS OF HISPANIOLA WEST OF A LINE FROM PUNTA PALENQUE TO MONTE CRISTI.

AT 12 MIDNIGHT AST...0400Z...ON THE BASIS OF RECONNAISSANCE AIRCRAFT AND LAND REPORTS HURRICANE FLORA WAS ESTIMATED TO BE NEAR LATITUDE 18.8 N AND LONGITUDE 73.5 W. THIS POSITION IS JUST OFF THE NORTH CENTRAL COAST OF THE HAITIAN PENINSULA ABOUT 75 STATUTE MILES WEST NORTHWEST OF PORT AU PRINCE HAITI. IT IS MOVING TOWARD THE NORTH NORTHWEST AT ABOUT 14 MPH AND IS EXPECTED TO FOLLOW THE SAME COURSE AT THE SAME SPEED FOR THE NEXT 12 HOURS.

ITS PRESENT COURSE AND SPEED WILL CARRY THE HURRICANE ACROSS THE EXTREME EASTERN TIP OF CUBA EARLY FRIDAY. IT WILL PASS NEAR OR SLIGHTLY WEST OF GREAT INAGUA DURING THE FORENOON AND THEN HEAD TOWARD CROOKED ISLAND AND MAYAGUANA.

PEOPLE IN THE ARE OF WARNINGS SHOULD CONTINUE PRECAUTIONS AGAINST HIGH WINDS HEAVY RAINS ABNORMALLY HIGH TIDES AND HEAVY SURF. THESE CONDITIONS NOW PREVAILING IN HAITI AND THE WESTERN DOMINICAN REPUBLIC WILL SPREAD NORTHWARD AND HURRICANE FORCE WINDS WILL REACH ORIENTE PROVINCE CUBA AND GREAT INAGUA ISLAND DURING THE NIGHT AND EARLY MORNING HOURS AND INTO CROOKED ISLAND AND MAYAGUANA IN THE AFTERNOON. GALES MAY BE EXPECTED THROUGHOUT THE REMAINDER OF THE SOUTHEAST BAHAMAS.

ALTHOUGH SOME SLIGHT WEAKENING IN THE WIND FIELD PROBABLY OCCURRED AS THE HURRICANE PASSED OVER THE MOUNTAINS OF THE HAITIAN PENINSULA IT IS EXPECTED TO ASSUME ITS FORMER SIZE AND STRENGTH RAPIDLY. HIGHEST WINDS ARE EXPECTED TO BE 140 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE WINDS EXTEND OUT ABOUT 50 MILES TO THE NORTH AND EAST AND 25 MILES TO THE SOUTH AND WEST OF THE CENTER. GALE WINDS EXTEND OUTWARD 175 MILES IN THE NORTH AND EAST QUADRANTS AND 100 MILES IN THE SOUTH AND WEST QUADRANTS. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS FORECAST DURING THE NEXT 12 HOURS.

PEOPLE IN HAITI AND THE DOMINICAN REPUBLIC SHOULD NOT RELAX THEIR VIGILANCE. ABNORMALLY HIGH TIDES AND HEAVY SURF ARE EXPECTED THROUGHOUT THE NIGHT AND FRIDAY. LOW LYING BEACH AREAS WILL CONTINUE TO BE INUNDATED. THE HEAVY RAINS ALREADY OCCURRING AND EXPECTED TO CONTINUE THROUGHOUT THE NIGHT WILL MAKE LOW LYING AREAS NEAR RIVERS AND STREAMS EXTREMELY HAZARDOUS. IT CANNOT BE TOO GREATLY EMPHASIZED THAT ALL INTERESTS SHOULD REMAIN ON THE ALERT AND THAT PRECAUTIONS SHOULD BE CONTINUED UNTIL ADVERSE CONDITIONS IMPROVE. PEOPLE IN ORIENTE PROVINCE CUBA AND THE EXTREME SOUTHEASTERN BAHAMAS SHOULD MAKE NECESSARY PREPARATIONS WITHOUT DELAY.

SMALL CRAFT SHOULD REMAIN IN PORT FROM MONA PASSAGE WESTWARD TO EASTERN CUBA AND THE SOUTHEAST BAHAMAS.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE EXTREME CAUTION.

THE NEXT REGULAR ADVISORY ON HURRICANE FLORA WILL BE ISSUED AT 6 AM AST 1000Z AND A BULLEFIN WILL BE ISSUED AT 3 AM AST.

DAVIS

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV 3 AM AST OCTOBER 4, 1963.

HURRICANE WARNINGS REMAIN IN EFFECT FOR THE HAITIAN PENINSULA EASTWARD TO PEDERNALES HAITI FOR THE EXTREME NORTHWEST PROVINCE OF HAITI AND FOR ORIENTE PROVINCE IN CUBA. THEY ARE DISCONTINUED ELSEWHERE. WHOLE GALE WARNINGS REMAIN IN EFFECT WEST OF A LINE FROM CABO BEATA DOMINICAN REPUBLIC TO CAP HAITIEN ON THE NORTH COAST OF HAITI AND ARE DISCONTINUED ELSEWHERE. GALE WARNINGS REMAIN IN EFFECT WEST OF A LINE FROM BAHIA DE NEIBA DOMINICAN REPUBLIC TO MONTE CRISTI ON THE NORTH COAST OF THE DOMINICAN REPUBLIC AND ARE DISCONTINUED ELSEWHERE.

AT 3 AM AST...0700Z...HURRICANE FLORA ON THE BASIS OF RECONNAISSANCE AIRCRAFT REPORTS WAS ESTIMATED TO BE NEAR LATITUDE 19.4 N LONGITUDE 73.9 W OR ABOUT 115 STATUTE MILES WEST NORTHWEST OF PORT AU PRINCE HAITI. IT IS MOVING TOWARD THE NORTH NORTHWEST ABOUT 14 MPH. LITTLE CHANGE IN EITHER DIRECTION OR SPEED IS EXPECTED DURING THE NEXT 12 HOURS.

FLORA WAS PROBABLY WEAKENED SLIGHTLY WHILE CROSSING THE HAITIAN PENINSULA BUT ITS WIND FIELD IS EXPECTED TO ASSUME ITS FORMER PROPORTIONS RAPIDLY. HIGHEST WINDS WILL BE 140 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 50 MILES TO THE NORTH AND EAST AND 25 MILES TO THE SOUTH AND WEST. GALES EXTEND OUTWARD 175 MILES TO THE NORTH AND EAST AND 100 MILES TO THE SOUTH AND WEST. LITTLE CHANGE IN SIZE OR INTENSITY IS LIKELY DURING THE NEXT 12 HOURS.

PEOPLE IN THE AREAS OF WARNING IN HAITI AND WESTERN DOMINICAN REPUBLIC SHOULD NOT RELAX THEIR VIGILANCE. ALTHOUGH THE CENTER OF FLORA HAS PASSED ALL BUT THE NORTHWEST TIP OF HAITI WINDS WILL STILL BE STRONG. HEAVY RAINS WILL CONTINUE DURING THE NIGHT AND PART OF FRIDAY. ABNORMALLY HIGH TIDES ARE STILL LIKELY OVER THE HAITIAN PENINSULA AND IN NORTHWEST HAITI COASTAL AREAS AND THERE WILL CONTINUE TO BE DANGEROUS SURF ALONG THE BEACHES AS FAR EAST AS PUNTA PALENQUE DOMINICAN REPUBLIC. HEAVY RAINFALL WILL ALSO MAKE RIVERS AND STREAMS THROUGHOUT HAITI AND WESTERN DOMINICAN REPUBLIC HAZARDOUS AND SUBJECT TO FLOODING. PRECAUTIONS SHOULD NOT BE RELAXED UNTIL ADVERSE CONDITIONS IMPROVE AND SEAS SUBSIDE.

PEOPLE IN ORIENTE PROVINCE CUBA AND ON GREAT INAGUA ISLAND SHOULD RUSH PREPARATIONS FOR PROTECTION AGAINST HURRICANE FORCE WINDS HIGH TIDES AND SURF AND HEAVY RAIN. HURRICANE FLORA IS EXPECTED TO CROSS THE EASTERN TIP OF CUBA EARLY FRIDAY. IT WILL PASS SLIGHTLY WEST OF GREAT INAGUA DURING THE FORENOON AND THEN HEAD TOWARD CROOKED ISLAND AND MAYAGUANA IN THE AFTERNOON. ALL PRECAUTIONS SHOULD BE TAKEN AS SOON AS POSSIBLE. GALE FORCE WINDS MAY ALSO BE EXPECTED THROUGH THE SOUTHEAST BAHAMAS EAST AND WEST OF THE AREA OF HURRICANE WARNINGS.

SMALL CRAFT SHOULD REMAIN IN PORT FROM MONA PASSAGE WESTWARD TO EASTERN CUBA AND THE SOUTHEAST BAHAMAS.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE EXTREME CAUTION.

THE NEXT REGULAR ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 AM AST...1000Z.

DAVIS

JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 16 FLORA 6 AM AST OCTOBER 4, 1963

WARNINGS REMAIN IN EFFECT FOR THE HAITIAN PENINSULA WEST OF JACMEL AND FOR THE EXTREME NORTHWEST PROVINCE OF HAITI.

ICANE WARNINGS ARE DISCONTINUED FOR HAITI.

RECONNAISSANCE AIRCRAFT REPORTS AND LAND BASED RADAR SHOW THAT AT 6 AM AST...1000Z ..HURRICANE FLORA WAS LOCATED NEAR LATITUDE 19.5 N LONGITUDE 74.6 W OR ABOUT 160 STATUTE MILES NORTH NORTHWEST OF PORT AU PRINCE HAITI. IT IS MOVING TOWARD THE NORTHWEST AT ABOUT 12 MPH. THE HURRICANE'S NEARNESS TO LAND AND TO MOUNTAINOUS TERRAIN IN HAITI AND CUBA WILL MAKE ITS TRACK SOMEWHAT UNPREDICTABLE DURING THE DAY HOWEVER ITS GENERAL MOVEMENT IS EXPECTED TO BE TOWARD THE NORTHWEST AT ABOUT THE SAME SPEED DURING THE NEXT 12 HOURS.

FLORA WEAKENED WHILE CROSSING THE HAITIAN PENINSULA AND ITS CENTRAL PRESSURE IS NOW 995 MILLIBARS OR 29.38 INCHES. HIGHEST WINDS ARE NOW ESTIMATED TO BE 115 MPH IN A SMALL AREA NEAR THE CENTER WITH HURRICANE FORCE WINDS EXTENDING OUTWARD 35 MILES TO THE NORTH AND EAST AND ABOUT 20 MILES TO THE SOUTH AND WEST. GALE FORCE WINDS EXTEND OUTWARD 150 MILES IN THE NORTH AND EAST QUADRANTS AND 75 MILES IN THE SOUTH AND WEST QUADRANTS. SOME INCREASE IN SIZE AND INTENSITY IS EXPECTED AFTER THE HURRICANE REACHES CUBA AND REACHES THE AREA OF THE BAHAMAS.

FLORA'S PRESENT COURSE HURRICANE FLORA WILL MOVE ACROSS ORIENTE PROVINCE CUBA TODAY AND INTO THE CENTRAL BAHAMAS TONIGHT AND TOMORROW. PEOPLE IN THESE AREAS SHOULD TAKE ALL PRECAUTIONS AND RUSH PREPARATIONS FOR PROTECTION AGAINST HURRICANE FORCE WINDS, HIGH STORM TIDES, DANGEROUS SURF AND HEAVY RAIN.

FLORA IN HAITI AND WESTERN DOMINICAN REPUBLIC SHOULD CONTINUE PRECAUTIONS AGAINST HIGH TIDES AND HEAVY RAINFALL. ABNORMALLY HIGH TIDES ARE STILL LIKELY OVER THE HAITIAN PENINSULA AND IN THE NORTHWEST HAITI COASTAL AREAS AND THERE WILL CONTINUE TO BE DANGEROUS SURF ALONG THE BEACHES AS FAR WEST AS CABO BEATA DOMINICAN REPUBLIC. HEAVY RAIN WILL MAKE RIVER AND STREAMS IN HAITI AND WESTERN DOMINICAN REPUBLIC HAZARDOUS AND SUBJECT TO FLOODING.

RESIDENTS IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

SMALL CRAFT SHOULD REMAIN IN PORT IN HAITI, EASTERN CUBA AND THE CENTRAL AND SOUTHEAST BAHAMAS. SMALL CRAFT IN THE DOMINICAN REPUBLIC SHOULD NOT VENTURE FROM PORT UNTIL SEAS SUBSIDE.

NEXT REGULAR ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 AM EST...1600Z...AND AN IMMEDIATE BULLETIN WILL ALSO BE ISSUED BY MIAMI.

E

MIAMI WEATHER BUREAU HURRICANE FLORA BULLETIN FOR PRESS RADIO AND TV 8 AM EST OCTOBER 4, 1963.

WARNINGS REMAIN IN EFFECT FOR THE HAITIAN PENINSULA WEST OF JACMEL AND FOR THE EXTREME NORTHWEST PROVINCE OF HAITI.

FLORA HAS SHOWN LITTLE MOVEMENT DURING THE PAST FEW HOURS AND AT 8 AM EST WAS CENTERED NEAR LATITUDE 19.5 N LONGITUDE 74.6 W OR ABOUT 40 STATUTE MILES SOUTHEAST OF GUANTANAMO BAY CUBA AND 160 MILES WEST NORTHWEST OF PORT AU PRINCE HAITI. THE LACK OF FORWARD MOVEMENT IS THE RESULT OF THE INTERFERENCE OF THE MOUNTAINS OF HAITI AND CUBA WITH THE CIRCULATION. HOWEVER FLORA IS EXPECTED TO HAVE A GENERAL MOVEMENT TOWARD THE NORTHWEST AT ABOUT 12 MPH TODAY.

FLORA'S PASSAGE OVER MOUNTAINOUS SECTIONS OF HAITI ALSO RESULTED IN SOME WEAKENING BUT MAXIMUM WINDS ARE STILL ESTIMATED ABOUT 115 MPH OVER A SMALL AREA NEAR THE CENTER. WINDS OF HURRICANE FORCE EXTEND OUT ABOUT 35 MILES TO THE NORTHEAST AND 20 MILES TO THE WEST OF THE CENTER. GALES ARE OCCURRING OVER WESTERN HAITI, EXTREME EASTERN CUBA AND OVER ADJACENT WATERS 75 TO 150 MILES FROM THE CENTER.

FLORA WILL MOVE ACROSS ORIENTE PROVINCE CUBA TODAY AND INTO THE CENTRAL BAHAMAS TONIGHT AND SATURDAY. PEOPLE IN THESE AREAS SHOULD TAKE ALL POSSIBLE PRECAUTIONS AGAINST HURRICANE FORCE WINDS, HIGH STORM TIDES, DANGEROUS SURF AND HEAVY RAINS. PRECAUTIONS SHOULD ALSO BE CONTINUED IN HAITI AND THE WESTERN PORTION OF THE DOMINICAN REPUBLIC. HEAVY RAIN WILL CONTINUE TO FALL AND SERIOUS FLOODING IN HISPANIOLA. NO DETAILS OF DAMAGE IN THE ISLAND HAVE BEEN RECEIVED AS YET.

FLORA WILL BE WATCHED BY RECONNAISSANCE AIRCRAFT AND LAND BASED RADAR AT GUANTANAMO BAY CUBA TODAY.

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

E

MIAMI WEATHER BUREAU ADVISORY NUMBER 17 HURRICANE FLORA 11 AM EST OCTOBER 4, 1963.

WINDS HAVE ALREADY INCREASED TO HURRICANE FORCE ON THE EASTERN TIP OF CUBA AND SHOULD REACH HURRICANE FORCE WITHIN THE NEXT HOUR OR TWO OVER MOST OF THE REMAINDER OF THE SOUTH AND EAST COASTS OF ORIENTE PROVINCE CUBA. PEOPLE IN THESE AREAS SHOULD TAKE ALL POSSIBLE PRECAUTIONS AGAINST HURRICANE FORCE WINDS HIGH STORM TIDES DANGEROUS SURF AND HEAVY RAIN.

PEOPLE IN THE COASTAL AREAS OF HAITI AND DOMINICAN REPUBLIC PARTICULARLY IN THE GOLFE DES GONAIVES SHOULD CONTINUE PRECAUTIONS AGAINST HIGH TIDES AND HEAVY SURF. HEAVY RAINS WILL CONTINUE FOR A WHILE LONGER OVER MOST OF HISPANIOLA AND ALL RIVERS AND STREAMS IN HAITI AND THE WESTERN DOMINICAN REPUBLIC WILL BE SUBJECT TO DANGEROUS FLOODING.

AT 11 AM EST...1600Z...HURRICANE FLORA WAS LOCATED AT LATITUDE 19.4 NORTH LONGITUDE 74.9 WEST. THIS POSITION IS ABOUT 40 STATUTE MILES SOUTH SOUTHEAST OF GUANTANAMO BAY AND 575 MILES SOUTHEAST OF MIAMI. IT IS MOVING SLOWLY TOWARD THE NORTHWEST AT ABOUT 7 MPH.

FLORA APPEARS TO HAVE REINTENSIFIED SOMEWHAT AFTER LEAVING THE HAITIAN PENINSULA AND ITS CENTRAL PRESSURE IS NOW 970 MBS OR 28.64 INCHES. HIGHEST WINDS ARE NOW ESTIMATED AT 125 MPH OVER A SMALL AREA NEAR THE CENTER. GALE FORCE WINDS EXTEND OUTWARD 175 STATUTE MILES IN THE NORTH AND EAST QUADRANTS AND 85 MILES IN THE SOUTH AND WEST QUADRANTS.

THE CENTER OF HURRICANE FLORA IS EXPECTED TO CROSS THE SOUTH COAST OF ORIENTE PROVINCE CUBA THIS AFTERNOON AND THE CENTER SHOULD REMAIN INLAND OVER CUBA MOST OF TONIGHT. THIS WILL RESULT IN A CONSIDERABLE LOSS OF INTENSITY AND FLORA WILL LIKELY BE OF ONLY TROPICAL STORM STRENGTH WHEN IT REACHES THE NORTH COAST. HOWEVER REINTENSIFICATION IS LIKELY AGAIN THEREAFTER.

THE HURRICANE IS EXPECTED TO CONTINUE ON A COMPARATIVELY SLOW NORTHWESTWARD TRAJECTORY ACROSS CUBA. AT THE PRESENT TIME ITS EVENTUAL TRACK WITH REFERENCE TO THE FLORIDA PENINSULA IS UNPREDICTABLE AS THE STEERING CURRENT IS WEAK AND IS LIKELY TO CHANGE CONSIDERABLY WITH TIME.

ALL SMALL CRAFT IN THE SOUTHERN AND CENTRAL BAHAMAS SHOULD REMAIN IN PORT AND SHOULD TAKE IMMEDIATE PREPARATIONS FOR WINDS OF GALE FORCE AND SHOULD BE READY FOR QUICK PRECAUTIONS AGAINST WINDS OF HURRICANE FORCE IF HURRICANE WARNINGS BECOME NECESSARY TONIGHT OR SATURDAY.

SHIPS IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

THE NEXT REGULAR ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 PM EST OR 2200Z AND AN INTERMEDIATE BULLETIN WILL BE ISSUED AT 2 PM EST.

DUNN

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV 12:30 PM AST OCTOBER 4, 1963.

HEAVY SURF WILL OCCUR ALONG THE BEACHES OF ST CROIX ST THOMAS AND THE SOUTH AND WEST COASTS OF PUERTO RICO AND THE DOMINICAN REPUBLIC TODAY AND SATURDAY DUE TO HIGH SWELLS GENERATED BY HURRICANE FLORA THURSDAY.

PEOPLE IN ST CROIX ST THOMAS AND SOUTH AND WEST COASTS OF PUERTO RICO AND THE DOMINICAN REPUBLIC SHOULD STAY AWAY FROM THE BEACHES AND LOW LYING AREAS UNTIL FURTHER NOTICE.

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV HURRICANE FLORA 2 PM EST OCTOBER 4, 1963.

THE CENTER OF HURRICANE FLORA CROSSED THE COASTLINE IN EASTERN ORIENTE PROVINCE CUBA LATE THIS FORENOON AND AT 2 PM EST WAS LOCATED SOME 30 MILES NORTH OF GUANTANAMO BAY IN VERY HILLY TERRAIN. AT 11 AM EST THE EASTERN TIP OF CUBA WAS REPORTING HURRICANE WINDS BUT THERE HAVE BEEN NO REPORTS FROM THAT AREA SINCE THAT TIME. GUSTS REACHED AROUND 50 MPH AT GUANTANAMO BAY. THE HURRICANE IS APPARENTLY MOVING NORTHWESTWARD AT 7 TO 10 MPH.

IT NOW APPEARS THAT THE HURRICANE WILL REMAIN OVER LAND ONLY A FEW MORE HOURS AND THEREFORE WILL LIKELY RETAIN FULL HURRICANE INTENSITY AS IT LEAVES THE NORTH COAST. REINTENSIFICATION WILL BEGIN LATE THIS AFTERNOON AND TONIGHT.

THE HURRICANE SHOULD PASS NEAR BUT PROBABLY TO THE WEST OF THE RAGGED ISLAND GROUP IN THE BAHAMAS TONIGHT AND PRECAUTIONS AGAINST HURRICANE WINDS HIGH TIDES AND ROUGH SEAS SHOULD BE TAKEN IMMEDIATELY IN THE CENTRAL BAHAMAS INCLUDING THE RAGGED ISLANDS ACKLINS CROOKED LONG GREAT EXUMA AND ANDROS.

ALL SMALL CRAFT IN THE SOUTHERN AND CENTRAL BAHAMAS SHOULD REMAIN IN PORT AND SHOULD NOT VENTURE FAR FROM PORT IN THE NORTHERN BAHAMAS AND ALONG THE LOWER EAST FLORIDA COAST.

PRECAUTIONS SHOULD BE CONTINUED AROUND HISPANIOLA PUERTO RICO AND THE VIRGIN ISLANDS UNTIL SWELLS AND SEAS SUBSIDE.

THE NEXT REGULAR ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 PM EST.

DUNN

MIAMI WEATHER BUREAU ADVISORY NUMBER 18 HURRICANE FLORA 5 PM EST FRIDAY 4 OCTOBER 1963.

PRECAUTIONS AGAINST HURRICANE WINDS HIGH TIDES AND ROUGH SEAS IN THE WESTERN AND CENTRAL BAHAMAS FROM ANDROS NASSAU ELEUTHERA AND CAT ISLANDS SOUTHWARD SHOULD BE RUSHED TO COMPLETION AS SOON AS POSSIBLE. THE CENTER OF HURRICANE FLORA SHOULD PASS NEAR THE RAGGED ISLANDS TONIGHT AND APPROACH THE AREA BETWEEN SOUTHERN ANDROS AND GREAT EXUMA DURING SATURDAY.

PRECAUTIONS SHOULD BE CONTINUED AROUND EASTERN CUBA HISPANIOLA PUERTO RICO AND THE VIRGIN ISLANDS UNTIL SEAS SUBSIDE.

AT 5 PM EST...2200Z...HURRICANE FLORA WAS LOCATED AT LATITUDE 20.7 NORTH LONGITUDE 75.2 WEST. THIS POSITION IS ABOUT 55 STATUTE MILES NORTH OF GUANTANAMO BAY AND 500 MILES SOUTHEAST OF MIAMI. IT IS MOVING NORTH NORTHWESTWARD AT ABOUT 10 MPH.

FLORA PROBABLY LOST A LITTLE INTENSITY IN PASSING OVER THE HILLY SECTIONS OF ORIENTE PROVINCE CUBA BUT SHOULD BEGIN TO REINTENSIFY SHORTLY AS THE CENTER MOVES OFF THE NORTHEAST COAST OF CUBA. HIGHEST WINDS ARE NOW ESTIMATED AT 115 MPH OVER A SMALL AREA NEAR THE CENTER. GALE FORCE WINDS EXTEND OUTWARD 175 STATUTE MILES IN THE NORTH AND EAST QUADRANTS AND 85 MILES IN THE SOUTH AND WEST QUADRANTS.

THE HURRICANE IS EXPECTED TO CONTINUE NORTH NORTHWESTWARD AT ABOUT 10 MPH DURING THE NEXT 12 HOURS. AT PRESENT TIME THE STEERING CURRENT OVER THE HURRICANE IS VERY WEAK. THE CHANCES OF THE CENTER REACHING THE SOUTH FLORIDA COAST IS CONSIDERED LESS THAN 50 PERCENT. HOWEVER ALL INTERESTS ON THE FLORIDA EAST COAST ARE URGED TO KEEP IN CONSTANT TOUCH WITH FUTURE ADVISORIES DURING THE NEXT 48 HOURS.

ALL SMALL CRAFT IN THE SOUTHERN AND CENTRAL BAHAMAS SHOULD SEEK SAFE HARBOR IMMEDIATELY AND IN THE NORTHERN BAHAMAS AND ALONG THE LOWER EAST FLORIDA COAST SHOULD REMAIN IN PORT SATURDAY. SHIPS IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

THE NEXT REGULAR ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST WITH AN INTERMEDIATE BULLETIN AT 8 PM EST.

DUNN

MIAMI WEATHER BUREAU HURRICANE FLORA BULLETIN FOR PRESS RADIO AND TELEVISION 8 PM EST FRIDAY 4 OCTOBER 1963.

HURRICANE FLORA WAS VERY NEAR PUNTA LUCRECIA ON THE NORTHEAST COAST OF CUBA AT 8 PM EST AROUND LATITUDE 21.1 NORTH LONGITUDE 75.6 WEST. PUNTA LUCRECIA REPORTED 85 MPH WIND AT 6 PM EST AND MOST OF ORIENTE PROVINCE CUBA HAS RECEIVED HURRICANE FORCE WINDS AND TORRENTIAL RAINS TODAY. GALES EXTEND 175 MILES NORTH AND EAST OF THE CENTER.

PRECAUTIONS AGAINST HURRICANE WINDS AND HIGH TIDES SHOULD BE CONTINUED OR COMPLETED THROUGH THE SOUTH CENTRAL BAHAMAS AND NORTH CENTRAL CUBA. CONDITIONS WILL GRADUALLY IMPROVE IN EXTREME EASTERN CUBA AS THE HURRICANE MOVES TOWARD THE NORTHWEST 10 MPH TONIGHT.

ROUGH SEAS AND SURF WILL CONTINUE THROUGH THE NORTHERN CARIBBEAN ISLANDS AND SPREAD THROUGH THE BAHAMAS TONIGHT AND SATURDAY AND PROBABLY REACH THE SOUTHEAST FLORIDA COAST SATURDAY. SMALL CRAFT IN THIS HUGE AREA FROM SOUTHEASTERN FLORIDA THROUGH THE BAHAMAS AND NORTHERN CARIBBEAN ISLANDS SHOULD REMAIN IN PORT.

PEOPLE ALONG THE FLORIDA EAST COAST SHOULD KEEP IN TOUCH WITH FUTURE ADVISORIES.

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

KRAFT

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 19 FLORA 11 PM EST FRIDAY OCTOBER 4, 1963.

PRECAUTIONS AGAINST HURRICANE WINDS AND HIGH TIDES SHOULD BE CONTINUED OR COMPLETED THROUGH NORTH CENTRAL CUBA AND IN THE BAHAMAS FROM ACKLINS ISLAND TO ANDROS ISLAND. SMALL CRAFT SHOULD REMAIN IN PORT SATURDAY BECAUSE OF ROUGH SEAS AND SURF ALL THE WAY FROM SOUTHEASTERN FLORIDA THROUGH THE BAHAMAS AND THE NORTHERN CARIBBEAN ISLANDS.

AT 11 PM EST...0400Z...HURRICANE FLORA WAS JUST OFF THE NORTHEAST CUBA COAST NEAR LATITUDE 21.2 NORTH LONGITUDE 76.0 WEST OR ABOUT 425 MILES SOUTHEAST OF MIAMI.

THE CENTER PASSED VERY CLOSE TO PUNTA LUCRECIA CUBA AND THEY REPORTED THEIR HIGHEST WINDS NEAR 115 MPH. GALES EXTEND OUT 175 MILES NORTH AND EAST OF THE CENTER AND 85 MILES TO THE SOUTHWEST. FLORA IS MOVING TOWARD THE NORTHWEST 10 MPH.

INDICATIONS ARE THAT IT WILL CONTINUE THIS NORTHWEST MOVEMENT AND INCREASE SOME IN INTENSITY WHILE MOVING OUT OVER WATER TONIGHT AND EARLY SATURDAY.

THIS IS A LARGE POWERFUL HURRICANE AND CONTINUED NORTHWEST MOVEMENT INCREASES THE THREAT TO SOUTHEASTERN FLORIDA. ALL INTERESTS SHOULD KEEP IN TOUCH WITH FUTURE ADVISORIES AND PROBABLE WARNINGS SATURDAY.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 AM EST WITH AN INTERMEDIATE BULLETIN AT 2 AM EST.

KRAFT

MIAMI WEATHER BUREAU HURRICANE FLORA BULLETIN FOR PRESS RADIO AND TELEVISION 2 AM EST OCTOBER 5, 1963.

AT 2 AM EST HURRICANE FLORA WAS CENTERED ON THE NORTHEAST COAST OF CUBA NEAR LATITUDE 21.3 NORTH LONGITUDE 76.5 WEST. MUCH OF ORIENTE PROVINCE CONTINUES TO EXPERIENCE HURRICANE FORCE WINDS AND HEAVY RAINS. WINDS OF 115 MPH WERE REPORTED EARLIER AT PUNTA LUCRECIA. RAGGED ISLAND IN THE SOUTH CENTRAL BAHAMAS HAS ALSO REPORTED WINDS OF NEAR HURRICANE FORCE.

ALL PRECAUTIONS AGAINST DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS SHOULD BE CONTINUED THROUGH CENTRAL AND EASTERN CUBA AND NORTHWARD THROUGH THE BAHAMAS TO ACKLINS THE EXUMAS AND ANDROS ISLAND.

THE MOTION OF THE HURRICANE MAY BE SOMEWHAT ERRATIC FOR THE NEXT SEVERAL HOURS SINCE MUCH OF THE CIRCULATION IS STILL INFLUENCED BY THE HILLY SECTIONS OF EAST CUBA. INDICATIONS ARE FOR MOVEMENT GENERALLY TOWARD THE NORTHWEST TO WEST NORTHWEST AT ABOUT 10 MPH FOR THE NEXT 12 HOURS. THIS INCREASES THE THREAT TO SOUTH FLORIDA AND ALL INTERESTS SHOULD KEEP IN TOUCH WITH FUTURE ADVISORIES FOR PROBABLY WARNINGS LATER TODAY.

SMALL CRAFT FROM THE STORM AREA NORTHWESTWARD THROUGH THE BAHAMAS TO THE SOUTHEAST COAST OF FLORIDA SHOULD REMAIN IN PORT BECAUSE OF INCREASING SEAS AND SURF.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 20 FLORA 5 AM EST OCTOBER 5, 1963.

ALL PRECAUTIONS AGAINST DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS SHOULD BE CONTINUED THROUGH CENTRAL AND EASTERN CUBA AND NORTHWARD THROUGH THE BAHAMAS TO THE AREA FROM ACKLINS TO ANDROS ISLAND. SEVERE FLOODING MAY BE EXPECTED IN EASTERN CUBA.

SMALL CRAFT NORTHWARD THROUGH THE BAHAMAS AND ALONG THE SOUTHEAST FLORIDA COAST SHOULD REMAIN IN PORT BECAUSE OF ROUGH SEAS AND SURF.

HURRICANE FLORA HAS BEEN MOVING ERRATICALLY DURING THE PAST FEW HOURS BUT IS DRIFTING SLOWLY WESTWARD AND THE CENTER HAS REMAINED OVER CUBA. AT 5 AM EST...1000Z...IT WAS LOCATED NEAR LATITUDE 20.8 NORTH LONGITUDE 76.8 WEST. THIS POSITION IS ABOUT 75 STATUTE MILES SOUTHEAST OF CAMAGUEY CUBA.

HIGHEST WINDS ARE ESTIMATED ABOUT 100 MPH NEAR THE CENTER. GALES EXTEND OUTWARD ABOUT 175 MILES NORTH AND EAST OF THE CENTER AND 100 MILES TO THE SOUTHWEST.

INDICATIONS ARE THAT FLORA WILL MOVE RATHER SLOWLY AT ABOUT 7 MPH TOWARD THE NORTHWEST TODAY. THIS WILL RESULT IN THE CIRCULATION OF THE HURRICANE BEING AFFECTED BY THE TERRAIN OF CUBA AND A SLIGHT DECREASE IN THE MAXIMUM WINDS SHOULD OCCUR. HOWEVER THIS REMAINS A LARGE AND POWERFUL HURRICANE.

THE SLOWER MOVEMENT ON THE PRESENT COURSE MEANS THAT FLORA COULD NOT SERIOUSLY AFFECT THE SOUTH FLORIDA AREA TODAY OR TONIGHT. HOWEVER ALL INTERESTS SHOULD KEEP IN TOUCH WITH THE ADVISORIES FOR THE POSSIBILITY OF WARNINGS BEING ISSUED LATER TODAY.

THE NEXT REGULAR ADVISORY WILL BE ISSUED AT 11 AM EST WITH AN INTERMEDIATE BULLETIN AT 8 AM EST.

MOORE

MIAMI WEATHER BUREAU HURRICANE FLORA BULLETIN 8 AM EST SATURDAY OCTOBER 5 1963.

HURRICANE FLORA HAS REMAINED ALMOST STATIONARY FOR THE PAST 3 HOURS AND AT 8 AM EST WAS CENTERED NEAR LATITUDE 20.7 N LONGITUDE 77.0 W. THIS IS IN SOUTHEASTERN CUBA ABOUT 70 MILES SOUTHEAST OF CAMAGUEY. HIGHEST WINDS ARE ESTIMATED 100 MPH IN SQUALLS NEAR THE CENTER. WINDS OF ABOUT HURRICANE FORCE ARE BEING REPORTED AT SANTIAGO ON THE SOUTH COAST AND PUNTA LUCRECIA ON THE NORTH COAST OF CUBA. GALES EXTEND OUT TO THE VICINITY OF ANDROS AND RAGGED ISLANDS IN THE BAHAMAS.

THE EFFECT OF THE TERRAIN OF CUBA ON THE HURRICANE CIRCULATION HAS BEEN TO DISTORT IT AND TO SLIGHTLY REDUCE THE HIGHEST WINDS BUT FLORA REMAINS INTENSE. ALL PRECAUTIONS SHOULD BE CONTINUED AGAINST DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS OVER CENTRAL AND EASTERN CUBA AND NORTHWARD THROUGH THE BAHAMAS TO INCLUDE THE AREA FROM ACKLINS ISLAND TO ANDROS ISLAND. SERIOUS FLOODING MAY BE EXPECTED IN EASTERN CUBA. SMALL CRAFT FROM THE NORTH COAST OF JAMAICA TO THE BAHAMAS AND THE SOUTHEAST FLORIDA COAST SHOULD REMAIN IN PORT BECAUSE OF ROUGH SEAS AND SURF.

THE HURRICANE'S FORWARD MOTION IS BEING RETARDED BY LAND FRICTION OVER CUBA AND BY A LARGE HIGH PRESSURE AREA TO THE NORTH. THE TREND TODAY AND TONIGHT IS EXPECTED TO BE TOWARD THE NORTHWEST TO WEST NORTHWEST AT AN AVERAGE SPEED OF ABOUT 7 MPH.

THE SLOW MOTION WOULD NOT BRING DANGEROUS WINDS TO SOUTHEAST FLORIDA TODAY OR TONIGHT HOWEVER ALL INTERESTS SHOULD KEEP IN TOUCH WITH FUTURE ADVICES.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 21 FLORA 11 AM EST OCTOBER 5, 1963.

ALL PRECAUTIONS AGAINST DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS SHOULD BE CONTINUED THRU CENTRAL AND EASTERN CUBA NORTHWARD THRU THE BAHAMAS TO THE ACKLINS AND ANDROS ISLANDS.

SEVERE FLOODING IS EXPECTED OVER EASTERN CUBA.

SMALL CRAFT FROM JAMAICA NORTHWARD THRU THE BAHAMAS AND THE SOUTHEAST FLORIDA COAST AND KEYS SHOULD REMAIN IN PORT.

HURRICANE FLORA HAS REMAINED NEARLY STATIONARY DURING THE NIGHT AND EARLY MORNING HOURS AND AT 11 AM EST...1600Z...THE CENTER WAS ESTIMATED TO BE AT LATITUDE 20.7 N LONGITUDE 77.0 W OR ABOUT 75 STATUTE MILES SOUTHEAST OF CAMAGUEY CUBA.

HIGHEST WINDS HAVE DECREASED A LITTLE AND ARE NOW ESTIMATED AROUND 80 MPH MAINLY IN SQUALLS AROUND THE CENTER OVER EASTERN CUBA WHILE GALES EXTEND OUTWARD ABOUT 175 MILES NORTH AND EAST OF THE CENTER AND 100 MILES TO THE SOUTHWEST.

FLORA IS FORECAST TO REMAIN ESSENTIALLY STATIONARY DURING THE NEXT 6 TO 12 HOURS WITH A SLOW WESTWARD DRIFT INDICATED THEREAFTER WHICH WOULD PLACE THE CENTER ALONG THE SOUTH CUBAN COAST TONIGHT. THE LONGER THE CENTER REMAINS OVER LAND THE MORE THE HURRICANE WILL WEAKEN HOWEVER SOME REGENERATION IS MOST LIKELY AFTER THE CENTER MOVES OVER WATER.

SINCE THE FUTURE COURSE AND STRENGTH OF FLORA IS UNCERTAIN ALL INTERESTS SHOULD KEEP IN TOUCH WITH LATER ADVICES AND BULLETINS.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 PM EST WITH AN INTERMEDIATE BULLETIN AT 2 PM.

SUGG

MIAMI WEATHER BUREAU HURRICANE FLORA BULLETIN FOR PRESS RADIO AND TV 2 PM EST OCTOBER 5 1963.

HURRICANE FLORA IS NEARLY STATIONARY OVER THE ORIENTE PROVINCE OF CUBA AND AT 2 PM WAS CENTERED NEAR LATITUDE 20.3 N LONGITUDE 76.9 W OR ABOUT 100 MILES SOUTHEAST OF CAMAGUEY AND ABOUT THE SAME DISTANCE WEST OF GUANTANAMO BAY. THERE HAS PROBABLY BEEN A LITTLE SOUTHWARD DRIFT OF THE CENTER AND IT APPEARS THAT IT MAY BE LEAVING THE SIERRA MAESTRA MOUNTAIN AREA AND ATTEMPTING TO EMERGE ALONG THE SOUTH COAST.

ALL PRECAUTIONS AGAINST DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS SHOULD BE CONTINUED THRU EASTERN CUBA AND NORTHWARD TO THE RAGGED ISLANDS IN THE BAHAMAS. SEVERE FLOODING IS EXPECTED OVER EASTERN CUBA PRINCIPALLY OVER THE ORIENTE PROVINCE. SMALL CRAFT FROM JAMAICA NORTHWARD OVER MOST OF CUBA INCLUDING THE WINDWARD PASSAGE AREA THE BAHAMAS AND LONG THE SOUTHEAST FLORIDA COAST AND KEYS SHOULD REMAIN IN PORT.

HIGHEST WINDS ARE ESTIMATED AT 80 MPH AT THE PRESENT TIME. EARLIER TODAY WINDS OF HURRICANE FORCE WERE REPORTED AT PUNTA LUCRECIA AND SANTIAGO WITH ONE REPORT TO NEAR 100 MPH AT GUANTANAMO. HEAVY RAINS ARE OCCURRING WITH THE HIGH WINDS ALTHOUGH TOTAL RAINFALL AMOUNTS OVER CUBA ARE NOT AVAILABLE AND NO PROPERTY LOSS OR DAMAGE REPORTS HAVE REACHED THIS OFFICE.

SINCE THE FUTURE COURSE OF FLORA IS UNCERTAIN AND SINCE SOME INCREASE IN INTENSITY IS QUITE LIKELY ONCE THE CENTER MOVES OVER WATER ALL INTERESTS SHOULD KEEP IN TOUCH WITH LATER ADVICES.

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

SUGG

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 22 FLORA 5 PM EST SATURDAY OCTOBER 5 1963.

ALL PRECAUTIONS AGAINST DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS SHOULD BE CONTINUED THROUGH CENTRAL AND EASTERN CUBA AND NORTHWARD TO THE RAGGED ISLANDS IN THE BAHAMAS.

WHILE WINDS ARE EXPECTED TO DECREASE SOME OVER EASTERN CUBA SEVERE FLOODING IS EXPECTED TO CONTINUE TONIGHT AND SUNDAY PROBABLY SPREADING WESTWARD INTO THE CENTRAL PORTION OF CUBA DURING SUNDAY.

SMALL CRAFT FROM JAMAICA NORTHWARD AROUND MOST OF CUBA INCLUDING THE WINDWARD PASSAGE AREA THE BAHAMAS AND ALONG THE SOUTHEAST FLORIDA COAST AND KEYS SHOULD REMAIN IN PORT.

CUBAN WEATHER REPORTS INDICATE THAT HURRICANE FLORA HAS REMAINED ESSENTIALLY STATIONARY DURING THE DAY AND AT 5 PM EST...0400Z... WAS CENTERED NEAR LATITUDE 20.5 NORTH LONGITUDE 77.0 WEST WHICH IS NEAR THE TOWN OF MANZANILLO SOME 75 MILES SOUTHEAST OF CAMAGUEY.

HIGHEST WINDS ARE ESTIMATED NEAR HURRICANE FORCE PROBABLY NEAR 80 MPH MAINLY IN SQUALLS AROUND THE CENTER WHILE GALES EXTEND OUTWARD 175 MILES NORTH AND EAST OF THE CENTER AND 100 MILES TO THE SOUTHWEST.

FLORA IS FORECAST TO MOVE ON A SLOW WESTERLY COURSE OF 5 TO 8 MPH ALONG THE SOUTH CUBAN COAST WITH NEAR HURRICANE FORCE WINDS IN SQUALLS TONIGHT PROBABLY INCREASING IN INTENSITY OR BECOMING A LITTLE BETTER ORGANIZED LATE TONIGHT OR SUNDAY. LITTLE CHANGE IN SIZE IS INDICATED.

SINCE THE EXACT COURSE AND RATE OF CHANGE OF INTENSITY ARE UNCERTAIN ALL INTERESTS SHOULD KEEP IN TOUCH WITH LATER ADVICES.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST WITH AN INTERMEDIATE BULLETIN AT 8 PM EST.

SUGG

MIAMI WEATHER BUREAU HURRICANE FLORA BULLETIN FOR PRESS RADIO AND TELEVISION 8 PM EST SATURDAY OCTOBER 5 1963.

REPORTS FROM CUBA INDICATE THAT HURRICANE FLORA HAS DRIFTED SLOWLY WESTWARD DURING THE PAST FEW HOURS. AT 8 PM EST IT WAS CENTERED OVER THE BAY JUST WEST OF MANZANILLO CUBA NEAR LATITUDE 20.5 NORTH LONGITUDE 77.2 WEST.

HIGHEST WINDS ARE ESTIMATED NEAR HURRICANE FORCE IN SQUALLS AROUND THE CENTER AND GALES EXTEND OUT 175 MILES NORTH AND EAST OF THE CENTER AND 100 MILES TO THE SOUTHWEST.

PRECAUTIONS SHOULD BE CONTINUED AGAINST DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS WITH SOME FLOODING THROUGH CENTRAL AND EASTERN CUBA AND NORTHWARD TO THE RAGGED ISLANDS IN THE BAHAMAS.

SMALL CRAFT FROM JAMAICA NORTHWARD AROUND MOST OF CUBA INCLUDING THE WINDWARD PASSAGE AREA THE BAHAMAS AND ALONG THE SOUTHEAST FLORIDA COAST AND KEYS SHOULD REMAIN IN PORT SINCE SEAS ARE VERY ROUGH.

HURRICANE FLORA WILL PROBABLY MOVE A LITTLE FASTER TOWARD THE WEST FOR THE NEXT 12 HOURS OR SO. SOME TURN IS LIKELY THEREAFTER AND ALL INTERESTS SHOULD KEEP IN TOUCH WITH LATER ADVICES.

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

KRAFT

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 23 FLORA 11 PM EST SATURDAY OCTOBER 5 1963.

HURRICANE FLORA HAS MOVED OUT OVER THE WATER SOUTH OF CUBA AND AT 11 PM EST...0400Z...WAS NEAR LATITUDE 20.5 NORTH LONGITUDE 77.6 WEST OR ABOUT 30 MILES WEST OF MANZANILLO CUBA AND 400 MILES SOUTH SOUTHEAST OF MIAMI. IT IS DRIFTING WESTWARD 5 MPH.

SOME REINTENSIFICATION HAS BEGUN AND HIGHEST WINDS ARE ESTIMATED 100 MPH IN SQUALLS EXTENDING OUT 50 MILES FROM THE CENTER. GALES EXTEND 175 MILES NORTH AND EAST OF THE CENTER AND 100 MILES TO THE SOUTHWEST.

PRECAUTIONS SHOULD BE CONTINUED AGAINST DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS WITH SOME FLOODING THROUGH CENTRAL AND EASTERN CUBA AND NORTHWARD TO THE RAGGED ISLANDS AND SOUTHWARD TO THE CAYMAN ISLANDS.

SMALL CRAFT FROM JAMAICA AND THE CAYMANS NORTHWARD AROUND MOST OF CUBA INCLUDING THE WINDWARD PASSAGE AREA THROUGH THE BAHAMAS AND ALONG THE SOUTHEAST FLORIDA COAST AND KEYS SHOULD REMAIN IN PORT SINCE SEAS ARE VERY ROUGH.

INDICATIONS ARE FOR CONTINUED WESTWARD MOVEMENT PROBABLY AT A SLIGHTLY FASTER RATE TONIGHT WITH A GRADUAL TURN WEST NORTHWEST SUNDAY. THIS PATH CARRIES THE HURRICANE OVER THE WATERS SOUTH OF CUBA AND SOME FURTHER INTENSIFICATION IS ANTICIPATED AS THE HURRICANE BECOMES BETTER ORGANIZED.

THIS IS STILL A LARGE AND DANGEROUS HURRICANE AND ALL INTERESTS SHOULD KEEP IN TOUCH WITH FUTURE ADVICES.

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

KRAFT

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 24 FLORA 5 AM EST OCTOBER 6 1963.

AT 5 AM EST...1000Z...HURRICANE FLORA WAS CENTERED OFF THE SOUTH COAST OF CUBA NEAR LATITUDE 20.4 NORTH LONGITUDE 78.1 WEST. THIS POSITION IS ABOUT 70 STATUTE MILES SOUTH OF CAMAGUEY CUBA AND 380 MILES SOUTH SOUTHEAST OF MIAMI. FLORA IS MOVING WESTWARD ABOUT 6 MPH.

SOME INCREASE IN INTENSITY OCCURRED AS THE HURRICANE CENTER MOVED BACK OVER CARIBBEAN WATERS AND HIGHEST WINDS ARE NOW ESTIMATED 110 MPH NEAR THE CENTER. REPORTS FROM CAMAGUEY HAVE SHOWN SUSTAINED WINDS OF NEAR HURRICANE FORCE WITH HIGHER GUSTS. GALES EXTEND OUTWARD 175 MILES TO THE NORTH AND EAST OF THE CENTER AND 100 MILES TO THE SOUTHWEST.

PRECAUTIONS SHOULD BE CONTINUED AGAINST DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS THROUGH CENTRAL AND EASTERN CUBA AND SOUTHWARD TO THE CAYMAN ISLANDS. INTERESTS IN THE CAYMAN ISLANDS SHOULD COMPLETE ALL PROTECTIVE MEASURES AS QUICKLY AS POSSIBLE. CONDITIONS ARE SLOWLY IMPROVING IN THE SOUTHERN AND CENTRAL BAHAMAS. SEVERE FLOODING WILL LIKELY OCCUR IN CUBA. OVER ELEVEN INCHES OF RAIN HAS BEEN MEASURED AT GUANTANAMO BAY DURING THE PASSAGE OF THE HURRICANE.

SMALL CRAFT FROM JAMAICA AND THE CAYMANS NORTHWARD AROUND CUBA AND FROM THE BAHAMAS TO THE SOUTH FLORIDA AREA SHOULD REMAIN IN PORT SINCE SEAS ARE ROUGH.

INDICATIONS ARE FOR A CONTINUED WESTWARD MOVEMENT OF THE HURRICANE TODAY AT ABOUT 6 MPH WITH A GRADUAL TURN TO A MORE WEST NORTHWESTERLY COURSE LIKELY BEGINNING LATE TONIGHT. WITH THIS COURSE OVER THE WARM WATERS SOUTH OF CUBA FLORA WILL REMAIN AN INTENSE AND DANGEROUS HURRICANE. ALL INTERESTS SHOULD KEEP IN TOUCH WITH FURTHER ADVICES.

THE NEXT REGULAR ADVISORY WILL BE ISSUED AT 11 AM EST WITH AN INTERMEDIATE BULLETIN IF WARRANTED.

MOORE

MIAMI WEATHER BUREAU HURRICANE FLORA BULLETIN 8 AM EST SUNDAY OCTOBER 6 1963.

HIGHEST WINDS ARE ESTIMATED AT 110 MPH NEAR THE CENTER. GALES NOW EXTEND OUTWARD IN OCCASIONAL SQUALLS SOME 400 STATUTE MILES IN THE NORTHERN SEMICIRCLE 200 MILES IN THE SOUTHEAST QUADRANT AND 130 MILES IN THE SOUTHWEST QUADRANT.

HURRICANE FLORA WILL MOVE VERY LITTLE DURING THE NEXT 12 HOURS. SINCE A LARGE PORTION OF THE CIRCULATION WILL REMAIN OVER CUBA LITTLE INTENSIFICATION IS EXPECTED. THE THREAT TO SOUTH FLORIDA HAS NOT INCREASED SIGNIFICANTLY.

GALE WARNINGS ARE UP ALONG THE FLORIDA COAST FROM STUART TO EVERGLADES CITY AND SMALL CRAFT WARNINGS ELSEWHERE ST AUGUSTINE TO TARPON SPRINGS. PRECAUTIONS SHOULD BE CONTINUED FOR DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS THRU CENTRAL AND EASTERN CUBA AND SOUTHWARD TO THE CAYMAN ISLANDS. INTERESTS IN THE CAYMANS SHOULD COMPLETE ALL PROTECTIVE MEASURES AS QUICKLY AS POSSIBLE. SEVERE FLOODING WILL OCCUR IN EASTERN AND CENTRAL CUBA.

SEAS ARE VERY ROUGH THROUGHOUT THE WESTERN ANTILLES IN THE SOUTHEAST GULF OF MEXICO AND IN THE ATLANTIC OFF THE FLORIDA EAST COAST. SMALL CRAFT IN THESE AREAS SHOULD REMAIN IN SAFE HARBOR.

ALL INTERESTS IN THE WESTERN ANTILLES AND IN THE FLORIDA PENINSULAR SHOULD KEEP IN TOUCH WITH FURTHER ADVICES. WHILE LITTLE MOVEMENT IS EXPECTED DURING THE NEXT 12 TO 18 HOURS SOME RADICAL CHANGES IN THE DIRECTION OF MOVEMENT ARE PROBABLE THEREAFTER.

THE NEXT REGULAR ADVISORY WILL BE ISSUED AT 5 PM EST WITH AN INTERMEDIATE BULLETIN AT 2 PM.

DUNN

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 25 FLORA 11 AM EST OCTOBER 6 1963.

AT 11 AM EST...1600Z...HURRICANE FLORA WAS CENTERED OFF THE SOUTH COAST OF CUBA NEAR LATITUDE 20.4 NORTH LONGITUDE 78.4 WEST. THIS POSITION IS ABOUT 70 STATUTE MILES SOUTH SOUTHWEST OF CAMAGUEY CUBA AND 380 MILES SOUTH SOUTHEAST OF MIAMI. FLORA IS MOVING WESTWARD ABOUT 4 MPH.

HIGHEST WINDS ARE ESTIMATED AT 110 MPH NEAR THE CENTER. GALES EXTEND OUTWARD IN OCCASIONAL SQUALLS SOME 400 STATUTE MILES IN THE NORTHERN SEMICIRCLE 200 MILES IN THE SOUTHEAST QUADRANT AND 130 MILES IN THE SOUTHWEST QUADRANT.

HURRICANE FLORA IS EXPECTED TO MOVE VERY LITTLE DURING THE NEXT 12 HOURS, SINCE A LARGE PORTION OF THE CIRCULATION WILL REMAIN OVER CUBA LITTLE INTENSIFICATION IS LIKELY. THE THREAT TO SOUTH FLORIDA HAS NOT INCREASED SIGNIFICANTLY.

GALE WARNINGS ARE DISPLAYED ALONG THE FLORIDA COAST FROM STUART TO EVERGLADES CITY AND SMALL CRAFT WARNINGS ELSEWHERE ST AUGUSTINE TO TARPON SPRINGS. PRECAUTIONS SHOULD BE CONTINUED FOR DANGEROUS WINDS HIGH TIDES AND HEAVY RAIN THRU CENTRAL AND EASTERN CUBA AND SOUTHWARD TO THE CAYMAN ISLANDS. INTERESTS IN THE CAYMANS SHOULD COMPLETE ALL PROTECTIVE MEASURES AS QUICKLY AS POSSIBLE. SEVERE FLOODING WILL OCCUR IN EASTERN CUBA. SOME FLOODING HAS BEEN REPORTED IN JAMAICA AND THE DANGER WILL INCREASE AS THE RAINS CONTINUE.

SEAS ARE VERY ROUGH THROUGHOUT THE WESTERN ANTILLES IN THE SOUTHEAST GULF OF MEXICO AND IN THE ATLANTIC OFF THE FLORIDA EAST COAST. SMALL CRAFT IN THESE AREAS SHOULD REMAIN IN SAFE HARBOR.

ALL INTERESTS IN THE WESTERN ANTILLES AND IN THE FLORIDA PENINSULAR SHOULD KEEP IN TOUCH WITH FURTHER ADVICES. WHILE LITTLE MOVEMENT IS EXPECTED DURING THE NEXT 12 TO 18 HOURS SOME RADICAL CHANGES IN THE DIRECTION OF MOVEMENT ARE PROBABLE THEREAFTER.

THE NEXT REGULAR ADVISORY WILL BE ISSUED AT 5 PM EST WITH AN INTERMEDIATE BULLETIN AT 2 PM.

DUNN

MIAMI WEATHER BUREAU HURRICANE FLORA BULLETIN 2 PM EST SUNDAY OCTOBER 6 1963.

SURFACE REPORTS FROM CUBA INDICATE HURRICANE FLORA HAS MOVED LITTLE DURING THE LAST 3 HOURS. AT 2 PM EST IT IS ESTIMATED TO BE CENTERED NEAR LATITUDE 20.4 NORTH LONGITUDE 78.4 WEST OR ABOUT 70 STATUTE MILES SOUTH SOUTHWEST OF CAMAGUEY AND 380 MILES SOUTH SOUTHEAST OF MIAMI.

HIGHEST WINDS ARE ESTIMATED AT 110 MPH NEAR THE CENTER. GALES EXTEND OUTWARD IN OCCASIONAL SQUALLS SOME 400 STATUTE MILES IN THE NORTHERN SEMICIRCLE 200 MILES IN THE SOUTHEAST QUADRANT AND 130 MILES IN THE SOUTHWEST QUADRANT.

HURRICANE FLORA IS EXPECTED TO MOVE VERY LITTLE DURING THE NEXT 12 HOURS, SINCE A LARGE PORTION OF THE CIRCULATION WILL REMAIN OVER CUBA LITTLE INTENSIFICATION IS LIKELY. THE THREAT TO SOUTH FLORIDA HAS NOT INCREASED SIGNIFICANTLY.

GALE WARNINGS ARE DISPLAYED ALONG THE FLORIDA COAST FROM STUART TO EVERGLADES CITY AND SMALL CRAFT WARNINGS ELSEWHERE ST AUGUSTINE TO TARPON SPRINGS. PRECAUTIONS SHOULD BE CONTINUED FOR DANGEROUS WINDS HIGH TIDES AND HEAVY RAIN THRU CENTRAL AND EASTERN CUBA AND SOUTHWARD TO THE CAYMAN ISLANDS. INTERESTS IN THE CAYMANS SHOULD COMPLETE ALL PROTECTIVE MEASURES AS QUICKLY AS POSSIBLE. SEVERE FLOODING WILL OCCUR IN EASTERN CUBA. SOME FLOODING HAS BEEN REPORTED IN JAMAICA AND THE DANGER WILL INCREASE AS THE RAINS CONTINUE.

SEAS ARE VERY ROUGH THROUGHOUT THE WESTERN ANTILLES IN THE SOUTHEAST GULF OF MEXICO AND IN THE ATLANTIC OFF THE FLORIDA EAST COAST. SMALL CRAFT IN THESE AREAS SHOULD REMAIN IN SAFE HARBOR.

ALONG THE SOUTHEAST FLORIDA COAST AND KEYS WINDS ARE AVERAGING 25 TO 30 MPH WITH A GUST TO 47 MPH AT THE MIAMI WEATHER BUREAU OFFICE LATE THIS MORNING. SEAS WERE REPORTED AS VERY ROUGH OFF THE FLORIDA EAST COAST WITH TIDES 1 TO 2 FEET ABOVE NORMAL. SOME LOCAL FLOODING AND BEACH EROSION IS EXPECTED ON THE SOUTHEAST COAST.

ALL INTERESTS IN THE WESTERN ANTILLES AND IN THE FLORIDA PENINSULA SHOULD KEEP IN TOUCH WITH FURTHER ADVICES. WHILE LITTLE MOVEMENT IS EXPECTED DURING THE NEXT 12 TO 18 HOURS SOME RADICAL CHANGES IN THE DIRECTION OF MOVEMENT ARE PROBABLE THEREAFTER.

THE NEXT REGULAR ADVISORY WILL BE ISSUED AT 5 PM EST.

CLARK

MIAMI WEATHER BUREAU HURRICANE FLORA BULLETIN 2 PM EST MONDAY OCTOBER 7 1963.

REPORTS FROM RECONNAISSANCE AIRCRAFT AND CUBAN WEATHER STATIONS INDICATE THAT HURRICANE FLORA REMAINS ESSENTIALLY STATIONARY NEAR LATITUDE 21.0 NORTH LONGITUDE 78.0 WEST AT 2 PM EST. THIS POSITION IS BETWEEN THE SOUTH COAST OF CUBA AND THE CITY OF CAMAGUEY AND IS SOME 380 MILES SOUTH SOUTHEAST OF MIAMI.

WITH THE CENTER NOW A SHORT DISTANCE INLAND IN CUBA THERE HAS PROBABLY BEEN A SLIGHT DECREASE IN MAXIMUM WINDS. HOWEVER SANTIAGO HAS CONTINUED TO REPORT GUSTS OF NEAR HURRICANE FORCE AND IT IS ESTIMATED THAT WINDS OF 75 TO 85 MPH COVER A SMALL AREA NEAR THE CENTER.

GALE WARNINGS REMAIN DISPLAYED ALONG THE FLORIDA COAST FROM STUART AND EVERGLADES CITY SOUTHWARD THROUGH THE KEYS FOR VERY ROUGH SEAS AND SQUALLY CONDITIONS. SMALL CRAFT AROUND MOST OF FLORIDA AND THROUGH THE BAHAMAS HAVE BEEN ADVISED TO REMAIN IN PORT.

HEAVY RAINS ARE CONTINUING NORTH AND EAST OF THE HURRICANE CENTER FROM JAMAICA TO THE BAHAMAS WITH CONTINUED FLOODING INDICATED IN EASTERN CUBA AND JAMAICA.

THERE IS YET NO EVIDENCE OF THE BEGINNING OF ANY SIGNIFICANT MOVEMENT ALTHOUGH A VERY SLOW NORTHWARD DRIFT MAY OCCUR DURING THE NIGHT. THIS WOULD RESULT IN AN INCREASE IN WINDS IN THE SOUTH CENTRAL BAHAMAS BUT LITTLE CHANGE AROUND FLORIDA THIS AFTERNOON OR TONIGHT.

ALL INTERESTS SHOULD CONTINUE TO WATCH THE ADVISORIES UNTIL THE FUTURE COURSE OF FLORA IS ESTABLISHED.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 30 FLORA 5 PM EST MONDAY OCTOBER 7 1963.

AT 5 PM EST...2200Z...HURRICANE FLORA REMAINS ESSENTIALLY STATIONARY NEAR LATITUDE 21.0 NORTH LONGITUDE 78.0 WEST. THIS POSITION IS BETWEEN THE SOUTH COAST OF CUBA AND THE CITY OF CAMAGUEY OR SOME 380 STATUTE MILES SOUTH SOUTHEAST OF MIAMI.

MAXIMUM WINDS HAVE DECREASED SLIGHTLY AND ARE NOW ESTIMATED 80 MPH. GALES IN OCCASIONAL SQUALLS EXTEND OUT FROM THE CENTER SOME 350 MILES IN THE NORTHERN SEMICIRCLE AND 175 MILES TO THE SOUTH.

GALE WARNINGS REMAIN DISPLAYED ALONG THE FLORIDA COAST FROM STUART AND EVERGLADES CITY SOUTHWARD THROUGH THE KEYS FOR VERY ROUGH SEAS AND SQUALLY CONDITIONS. SMALL CRAFT AROUND MOST OF FLORIDA AND IN THE BAHAMAS SHOULD REMAIN IN PORT.

HEAVY RAINS ARE CONTINUING NORTH AND EAST OF THE HURRICANE CENTER FROM JAMAICA TO THE BAHAMAS AND CONTINUED FLOODING IS IN PROSPECT FOR EASTERN CUBA AND JAMAICA.

INDICATIONS ARE FOR A SLOW NORTHERLY DRIFT AT ABOUT 5 MPH TO BEGIN BY TUESDAY MORNING. IF THIS COURSE DEVELOPS WINDS IN SOUTH FLORIDA WOULD NOT INCREASE SIGNIFICANTLY OVER THE SQUALLINESS EXPERIENCED DURING THE PAST TWO DAYS.

HOWEVER IN VIEW OF THE WEAK AND VARIABLE STEERING CURRENTS AFFECTING THE HURRICANE ALL INTERESTS SHOULD WATCH THE ADVISORIES UNTIL A CONSISTENT COURSE HAS BEEN ESTABLISHED AND PEOPLE IN THE CENTRAL AND NORTHERN BAHAMAS SHOULD CONTINUE ALL PRECAUTIONS.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST. SINCE CONDITIONS ARE CHANGING SO SLOWLY NO INTERMEDIATE BULLETIN IS PLANNED.

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 31 FLORA 11 PM EST OCTOBER 7 1963.

HURRICANE FLORA HAS REMAINED PRACTICALLY STATIONARY FOR THE PAST TWO DAYS. AT 11 PM EST ...0400Z...THE CENTER WAS NEAR LATITUDE 21.0 LONGITUDE 78.0 OR ABOUT 380 MILES SOUTH SOUTHEAST OF MIAMI. THE LOWEST PRESSURE IS ABOUT 29.20 INCHES.

MAXIMUM WINDS AROUND THE CENTER ARE ESTIMATED AT JUST HURRICANE FORCE OF 75 MPH. GALES IN SQUALLS EXTEND 350 MILES TO THE NORTH AND 175 MILES TO THE SOUTH OF THE CENTER.

INDICATIONS ARE FOR THE HURRICANE TO REMAIN NEARLY STATIONARY OR DRIFT A LITTLE NORTHWARDS TUESDAY. CONDITIONS IN GENERAL WILL CHANGE LITTLE OVER MOST OF THE AREA FROM THE BAHAMAS AND SOUTHERN FLORIDA SOUTHWARD ACROSS CUBA.

ALL INTERESTS THRU THIS AREA SHOULD WATCH FUTURE ADVICES FOR A MORE DEFINITE MOVEMENT OF THE HURRICANE TUESDAY.

PRECAUTIONS SHOULD BE CONTINUED AGAINST FLOODING IN EASTERN CUBA AND SMALL CRAFT AROUND THE BAHAMAS AND SOUTHERN FLORIDA SHOULD REMAIN IN PORT BECAUSE OF ROUGH SEAS AND SQUALLS.

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

KRAFT

MIAMI WEATHER BUREAU HURRICANE MARINE ADVISORY NUMBER 32 FLORA 1000Z TUESDAY OCTOBER 8 1963.

HURRICANE FLORA IS DRIFTING EAST TO NORTHEAST. AT 1000Z THE CENTER WAS ESTIMATED TO BE NEAR LATITUDE 21.0 N LONGITUDE 77.0 W. THIS POSITION IS BASED UPON CUBAN WEATHER REPORTS.

HIGHEST WINDS ARE ESTIMATED NEAR 65 KNOTS AROUND THE CENTER WITH GALES EXTENDING OUTWARD 300 MILES TO THE NORTH AND 150 MILES TO THE SOUTH OF THE CENTER.

FLORA IS FORECAST TO MOVE SLOWLY NORTHEASTWARD AROUND 5 KNOTS WITH NO CHANGE IN SIZE OR INTENSITY DURING THE NEXT 12 HOURS. SOME SLOW INTENSIFICATION MAY TAKE PLACE AFTER THIS TIME. INCREASING GALES AND HURRICANE FORCE WINDS ARE LIKELY IN THE SOUTHERN BAHAMAS TONIGHT.

SMALL CRAFT FROM SOUTHERN FLORIDA AROUND CUBA AND THRU THE BAHAMAS SHOULD REMAIN IN PORT BECAUSE OF ROUGH SEAS AND SQUALLS.

ALL INTERESTS PARTICULARLY IN THE CENTRAL AND SOUTHERN BAHAMAS SHOULD KEEP IN TOUCH WITH ALL LATER ADVICES. SHIPPING SHOULD EXERCISE CAUTION.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 1600Z.

SUGG

MIAMI WEATHER BUREAU ADVISORY NUMBER 33 HURRICANE FLORA 11 AM EST TUESDAY OCTOBER 8 1963.

RESIDENTS IN THE SOUTHEASTERN BAHAMAS SHOULD TAKE ALL POSSIBLE EMERGENCY PRECAUTIONS IMMEDIATELY AGAINST HURRICANE WINDS HIGH TIDES AND ROUGH SEAS. AT LONG LAST HURRICANE FLORA IS BEGINNING TO MOVE AND THE CENTER SHOULD PASS OVER OR NEAR ACKLINS ISLAND LATE THIS AFTERNOON OR EARLY THIS EVENING AND CROOKED ISLAND A FEW HOURS LATER.

AT 11 AM EST...1600Z...THE CENTER WAS ESTIMATED TO BE NEAR LATITUDE 21.1 NORTH LONGITUDE 75.7 WEST AND PASSING INTO THE ATLANTIC NEAR CAPE LUCRECIA. THIS POSITION IS ABOUT 80 STATUTE MILES NORTH NORTHWEST OF GUANTANAMO BAY AND 440 MILES SOUTHEAST OF MIAMI. AT THE PRESENT TIME HIGHEST WINDS ARE ESTIMATED AT NO MORE THAN 75 MPH IN SQUALLS AROUND THE CENTER BUT GRADUAL REINTENSIFICATION WILL BEGIN BY LATE THIS AFTERNOON. GALES NOW EXTEND OUTWARD 450 STATUTE MILES IN THE NORTHERN SEMICIRCLE AND 180 MILES IN THE SOUTHERN SEMICIRCLE. IN THE OUTER PORTION OF THIS AREA GALES ARE OCCURRING ONLY OCCASIONALLY IN SQUALLS. EARLY IN THE FORENOON GUANTANAMO WAS REPORTING GUSTS UP TO 66 MPH.

FLORA IS FORECAST TO MOVE IN A GENERAL NORTHEASTERLY DIRECTION AT AROUND 10 MPH DURING THE NEXT 12 HOURS.

PRECAUTIONS SHOULD BE CONTINUED AGAINST FLOODING IN EASTERN CUBA AND HEAVY RAINS ARE EXPECTED TO SPREAD OVER THE EASTERN AND CENTRAL BAHAMAS THIS AFTERNOON AND TONIGHT. GUANTANAMO BAY REPORTS A TOTAL RAINFALL OF APPROXIMATELY 16.5 INCHES FOR THE DURATION OF THE STORM BUT UNOFFICIAL REPORTS HAVE BEEN RECEIVED OF AMOUNTS IN EXCESS OF 40 INCHES AT SOME POINTS IN EASTERN CUBA.

SMALL CRAFT THROUGHOUT THE BAHAMAS AND AROUND CUBA JAMAICA AND HAITI SHOULD REMAIN IN SAFE HARBOR UNTIL THE ROUGH SEAS AND SQUALLS SUBSIDE. SMALL CRAFT ALONG THE FLORIDA EAST COAST AND KEYS SHOULD EXERCISE EXTREME CAUTION.

AGAIN IT IS EMPHASIZED THAT ALL INTERESTS IN THE SOUTHEASTERN BAHAMAS SHOULD TAKE ALL POSSIBLE EMERGENCY PRECAUTIONS IMMEDIATELY. ELSEWHERE IN THE BAHAMAS PERSONS SHOULD KEEP IN TOUCH WITH ALL FUTURE ADVICES AND BULLETINS DURING THE NEXT 36 HOURS. HURRICANE FLORA WOULD APPEAR TO OFFER NO FURTHER THREAT TO EXTREME WESTERN CUBA CENTRAL AMERICA AND FLORIDA AND PROBABLY TO THE REMAINDER OF THE EAST COAST OF THE UNITED STATES AS WELL.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 PM EST WITH INTERIM TWO HOURLY BULLETINS FOR THE BENEFIT OF INTERESTS IN THE BAHAMAS.

DUNN

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV HURRICANE FLORA 1 PM EST OCTOBER 8 1963.

HURRICANE FLORA MOVED OFF THE NORTH COAST OF CUBA NEAR CAPE LUCRECIA ABOUT 10 AM EST WITH A MINIMUM BAROMETER READING OF 990 MBS OR 29.23 INCHES. AT ABOUT THE SAME TIME PUNTA MAISI ON THE EASTERN TIP OF CUBA WAS REPORTING SUSTAINED WINDS OF 70 MPH GUSTS TO 90. AT GUANTANAMO THE WIND HAD DROPPED TO 28 MPH SUSTAINED WITH GUSTS TO 57 OR HIGHER VISIBILITY ONE HALF MILE IN HEAVY RAIN.

AT 11 AM EST RAGGED ISLAND IN THE BAHAMAS WAS REPORTING 56 MPH HEAVY RAIN LONG ISLAND 40 MPH RAIN AND CROOKED ISLAND 42 MPH WITH HEAVY RAIN.

AT 1 PM EST THE CENTER OF HURRICANE FLORA WAS ESTIMATED AT ABOUT LATITUDE 21.6 NORTH LONGITUDE 75.3 WEST OR ABOUT 270 STATUTE MILES SOUTH SOUTHEAST OF NASSAU. THE HURRICANE WAS MOVING NORTHEASTWARD AT 10 MPH. THE CENTER SHOULD ARRIVE NEAR ACKLINS ISLAND BY EARLY THIS EVENING AND CROOKED ISLAND A FEW HOURS LATER.

RESIDENTS IN THE SOUTHEAST BAHAMAS SHOULD RUSH EMERGENCY PRECAUTIONS TO COMPLETION IMMEDIATELY FOR HURRICANE WINDS HIGH TIDES AND ROUGH SEAS. THE FORECAST TRACK WILL ALSO WORSEN THINGS TEMPORARILY AROUND HISPANIOLA AND SQUALLS OF GALE FORCE ARE INDICATED FOR HAITI THIS AFTERNOON AND TONIGHT AND SMALL CRAFT ALONG THE COAST OF ALL HISPANIOLA SHOULD REMAIN IN SAFE HARBOR.

CONDITIONS IN EXTREME EASTERN CUBA SHOULD GRADUALLY IMPROVE THIS AFTERNOON AND TONIGHT BUT RESIDENTS SHOULD CONTINUE PRECAUTIONS FOR CONTINUED FLOODING AND SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR. GRADUAL REINTENSIFICATION OF HURRICANE FLORA WILL BEGIN SHORTLY AND WINDS OF HURRICANE FORCE WILL OVERSPREAD MUCH OF THE SOUTHEASTERN BAHAMAS BY LATE THIS AFTERNOON. ELSEWHERE IN THE BAHAMAS PERSONS SHOULD KEEP IN TOUCH WITH ALL LATER ADVICES AND BULLETINS DURING THE NEXT 30 HOURS.

THE NEXT BULLETIN WILL BE ISSUED AT 3 PM EST.

DUNN

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV HURRICANE FLORA 3 PM EST OCTOBER 8 1963.

AT 3 PM EST THE CENTER OF HURRICANE FLORA WAS ESTIMATED AT ABOUT LATITUDE 21.8 NORTH LONGITUDE 75.2 WEST OR ABOUT 270 STATUTE MILES SOUTH SOUTHEAST OF NASSAU. THE HURRICANE IS MOVING NORTHEASTWARD AT 10 MPH. THE CENTER SHOULD ARRIVE NEAR ACKLINS ISLAND BY EARLY THIS EVENING AND CROOKED ISLAND A FEW HOURS LATER.

THE STORM APPEARS TO HAVE BEGUN TO REINTENSIFY. THE LOWEST PRESSURE IS NOW ESTIMATED AT 987 MB OR 29.15 INCHES. A SHIP AT NOON EST NEAR THE CENTER REPORTED WINDS OF 83 MPH. AT 1 PM REPORTS FROM THE BAHAMAS NEAREST THE STORM AREA WERE AS FOLLOWS.

RAGGED ISLAND 70 MPH

LONG ISLAND 45 MPH

GREAT EXUMA 36 MPH

A BAND OF HEAVY WEATHER NOW EXTENDS FROM THE SOUTH CENTRAL CARIBBEAN ACROSS HAITI AND EXTENDING INTO THE STORM CENTER.

RESIDENTS THROUGHOUT THE EASTERN BAHAMAS SHOULD RUSH EMERGENCY PRECAUTIONS TO COMPLETION IMMEDIATELY FOR HURRICANE WINDS HIGH TIDES AND ROUGH SEAS AS WINDS OF HURRICANE FORCE OVERSPREAD MUCH OF THE SOUTHEASTERN BAHAMAS DURING THE REMAINDER OF THE AFTERNOON AND EARLY EVENING AND THE REMAINDER OF THE EASTERN BAHAMAS TONIGHT. SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR IN AREAS INDICATED IN PREVIOUS ADVISORIES AND BULLETINS TODAY.

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

DUNN

MIAMI WEATHER BUREAU ADVISORY NUMBER 34 HURRICANE FLORA 5 PM EST OCTOBER 8 1963.

AT 5 PM EST...2200Z...THE CENTER OF HURRICANE FLORA WAS ESTIMATED TO BE NEAR LATITUDE 21.8 NORTH 75.0 WEST. THIS POSITION IS ABOUT 270 STATUTE MILES SOUTH SOUTHEAST OF NASSAU. THE HURRICANE IS MOVING NORTHEASTWARD ABOUT 9 MPH.

THE HURRICANE HAS INTENSIFIED A LITTLE DURING THE PAST FEW HOURS AND IS NOW ATTENDED BY MAXIMUM WINDS OF 90 MPH IN SQUALLS AROUND THE CENTER. LOWEST CENTRAL PRESSURE IS 984 MILLIBARS OR 29.06 INCHES. GALES EXTEND OUTWARD 450 STATUTE MILES IN THE NORTHERN SEMICIRCLE AND 180 MILES IN THE SOUTHERN SEMICIRCLE. IN THE OUTER PORTION OF THIS AREA GALES ARE OCCURRING ONLY OCCASIONALLY IN SQUALLS.

FLORA IS FORECAST TO MOVE IN A GENERAL NORTHEASTERLY DIRECTION AT AROUND 10 MPH DURING THE NEXT 12 HOURS WITH GRADUAL INTENSIFICATION.

HURRICANE FLORA WILL MOVE THRU THE SOUTHEASTERN AND EAST CENTRAL BAHAMAS TONIGHT AND INTERESTS IN THESE AREAS SHOULD CONTINUE ALL POSSIBLE PRECAUTIONS AGAINST HURRICANE WINDS HIGH TIDES AND ROUGH SEAS. FRESH TO GALE WINDS ARE INDICATED ELSEWHERE IN THE BAHAMAS.

WEATHER CONDITIONS IN EXTREME EASTERN CUBA WILL GRADUALLY MODERATE TONIGHT BUT PRECAUTIONS SHOULD BE CONTINUED AGAINST EXTREME FLOODING. THE HEAVIEST BAND OF WEATHER NOW EXTENDS FROM THE SOUTH CENTRAL CARIBBEAN ACROSS HAITI AND THE WINDWARD PASSAGE INTO THE STORM CENTER AND SMALL CRAFT AROUND HISPANIOLA CUBA JAMAICA AND THE BAHAMAS SHOULD REMAIN IN SAFE HARBOR UNTIL ROUGH SEAS AND HIGH WINDS SUBSIDE. SMALL CRAFT ALONG THE FLORIDA EAST COAST AND KEYS SHOULD CONTINUE TO EXERCISE CAUTION. HURRICANE FLORA OFFERS NO FURTHER THREAT TO WESTERN CUBA CENTRAL AMERICA FLORIDA AND THE EAST COAST OF THE UNITED STATES.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST WITH AN INTERIM BULLETIN AT 8 PM EST.

DUNN

MIAMI WEATHER BUREAU BULLETIN HURRICANE FLORA 8 PM EST OCTOBER 8 1963.

HURRICANE FLORA WAS LOCATED BY AIRCRAFT LATE THIS AFTERNOON AND AT 8 PM EST ITS RATHER LARGE CENTER WAS NEAR LATITUDE 21.6 LONGITUDE 74.7 OR ABOUT 125 MILES WEST SOUTHWEST OF MAYAGUANA ISLAND IN THE SOUTHEASTERN BAHAMAS. THIS IS 450 MILES SOUTHEAST OF MIAMI. THE HURRICANE IS MOVING TOWARDS MAYAGUANA AND ACKLINS ISLAND ABOUT 9 MPH. LOWEST CENTRAL PRESSURE IS NEAR 29 INCHES.

HIGHEST WINDS NEAR THE CENTER ARE ESTIMATED 100 MPH. GALES ARE OCCURRING THRU THE EAST AND CENTRAL BAHAMAS AND AROUND THE WINDWARD PASSAGE.

PRECAUTIONS SHOULD BE CONTINUED THRU THE EASTERN BAHAMAS AGAINST HIGH WINDS AND DANGEROUS TIDES TONIGHT ESPECIALLY IN THE AREA FROM GREAT INAGUA TO CROOKED ISLAND. RAINS ARE SLACKENING OFF IN CUBA BUT FLOODING WILL CONTINUE FOR SOME TIME.

SMALL CRAFT THRU THE BAHAMAS AND THE NORTH CENTRAL CARIBBEAN ISLANDS SHOULD REMAIN IN PORT.

THE NEXT ADVISORY WILL BE ISSUED AT 11 PM EST.

KRAFT

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 35 FLORA 11 PM EST OCTOBER 8 1963.

HURRICANE FLORA IS MOVING EAST NORTHEASTWARD ABOUT 10 MPH. AT 11 PM THE CENTER WAS NEAR LATITUDE 21.6 LONGITUDE 74.0 OR ABOUT 75 MILES SOUTHWEST OF MAYAGUANA ISLAND IN THE SOUTHEASTERN BAHAMAS.

THE CENTER OF FLORA IS A LARGE FLAT PRESSURE AREA SOME 50 MILES ACROSS. HIGHEST WINDS ARE ESTIMATED 100 MPH AROUND THIS CENTER. GALES EXTEND OUT 400 MILES TO THE NORTH AND EAST AND 150 MILES SOUTHWEST OF THE CENTER.

PRECAUTIONS SHOULD BE CONTINUED THRU EASTERN BAHAMAS. MAYAGUANA INAGUA AND CAICOS ISLANDS ARE EXPECTED TO HAVE DANGEROUS WINDS AND TIDES TONIGHT AND EARLY WEDNESDAY. SEAS WILL CONTINUE ROUGH THRU THE BAHAMAS AND ALONG THE NORTH CENTRAL CARIBBEAN ISLANDS. SMALL CRAFT IN THAT AREA SHOULD REMAIN IN PORT.

HURRICANE FLORA IS EXPECTED TO BECOME BETTER ORGANIZED AND GRADUALLY INCREASE IN INTENSITY WEDNESDAY AS IT MOVES TOWARD THE EAST NORTHEAST ABOUT 12 MPH.

THE NEXT ADVISORY WILL BE ISSUED AT 5 AM EST AND AN INTERMEDIATE BULLETIN AT 2 AM

KRAFT

MIAMI WEATHER BUREAU BULLETIN HURRICANE FLORA FOR PRESS RADIO AND TV 2 AM EST OCTOBER 9 1963.

AT 1 AM EST THE CENTER OF HURRICANE FLORA WAS PASSING OVER MAYAGUANA LATITUDE 22.4 N LONGITUDE 73.0 W. THIS POSITION INDICATES THAT FLORA IS MOVING AT A FASTER RATE OF ABOUT 15 MPH TOWARDS THE EAST NORTHEAST. WINDS AT MAYAGUANA SHIFTED FROM SOUTHEAST 65 MPH TO NEARLY CALM THEN INCREASED TO NORTHWEST 75 MPH AS THE CENTER PASSED OVER THE ISLAND. LOWEST PRESSURE AT MAYAGUANA WAS 28.85 INCHES.

GALES CONTINUE THRU THE SOUTHEASTERN BAHAMAS INCLUDING GRAND TURK WHILE NEARLY NINE INCHES OF RAIN FELL AT CROOKED ISLAND. A SHIP JUST SOUTH OF THE CENTER OF FLORA HAS REPORTED SUSTAINED WINDS OF 80 MPH. HIGHEST WINDS IN THE HURRICANE ARE ESTIMATED TO BE 100 MPH WHILE GALES EXTEND OUTWARD 400 MILES TO THE NORTH AND 150 MILES TO THE SOUTH.

PRECAUTIONS AGAINST DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS SHOULD BE CONTINUED IN THE SOUTHEASTERN BAHAMAS ESPECIALLY MAYAGUANA INAGUA CAICOS AND GRAND TURK FOR THE NEXT FEW HOURS. CONDITIONS WILL IMPROVE LATER THIS MORNING AS FLORA MOVES INTO THE ATLANTIC.

SEAS CONTINUING ROUGH THRU THE BAHAMAS AND ALONG THE NORTH CENTRAL CARIBBEAN ISLANDS AND SMALL CRAFT THRU THIS AREA SHOULD REMAIN IN PORT.

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

SUGG

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 36 FLORA 5 AM EST OCTOBER 9 1963.

AT 5 AM EST...1000Z...THE CENTER OF HURRICANE FLORA WAS NEAR LATITUDE 22.5 N LONGITUDE 72.0 W OR ABOUT 60 MILES EAST NORTHEAST OF MAYAGUANA ISLAND IN THE BAHAMAS. FLORA IS MOVING EASTNORTHEASTWARD AT 15 MPH.

HIGHEST WINDS ARE ESTIMATED AT 100 MPH AROUND THE CENTER WITH GALES EXTENDING OUTWARD 400 MILES TO THE NORTH AND EAST AND 150 MILES SOUTHWEST OF THE CENTER. HURRICANE FORCE WINDS OF 75 MPH OCCURRED AT MAYAGUANA AND THE LOWEST SEA LEVEL PRESSURE WAS 28.85 INCHES WHEN THE CENTER PASSED OVER THAT ISLAND.

FLORA IS FORECAST TO MOVE EAST NORTHEASTWARD AT 15 MPH DURING THE NEXT 12 HOURS WITH A SLIGHT TURN TOWARD THE NORTHEAST THEREAFTER. NO CHANGE IN SIZE IS INDICATED BUT A LITTLE INCREASE IN INTENSITY IS EXPECTED.

PRECAUTIONS AGAINST DANGEROUS WINDS HIGH TIDES AND HEAVY RAINS SHOULD BE CONTINUED IN THE CAICOS GRAND TURK AREA FOR A FEW MORE HOURS. CONDITIONS HAVE IMPROVED THROUGHOUT THE REMAINDER OF THE SOUTHEAST BAHAMAS AND WILL IMPROVE IN THE CAICOS GRAND TURK AREA DURING THE MORNING AS FLORA MOVES FARTHER AWAY INTO THE ATLANTIC.

SEAS ARE ROUGH THROUGH MOST OF THE BAHAMAS AND ALONG THE NORTH CENTRAL CARIBBEAN ISLANDS AND SMALL CRAFT THROUGH THIS AREA SHOULD REMAIN IN PORT UNTIL SEAS SUBSIDE. SHIPPING SHOULD EXERCISE CAUTION.

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

SUGG

MIAMI WEATHER BUREAU ADVISORY NUMBER 37 FLORA 11 AM EST WEDNESDAY OCTOBER 9 1963.

AT 11 AM EST...1600Z...THE CENTER OF HURRICANE FLORA WAS LOCATED BY RECONNAISSANCE AIRCRAFT NEAR LATITUDE 23.9 NORTH LONGITUDE 71.0 WEST. THIS POSITION IS ABOUT 160 STATUTE MILES NORTH NORTHEAST OF TURKS ISLAND BRITISH WEST INDIES. FLORA IS MOVING TOWARDS THE NORTHEAST AT A SLIGHTLY FASTER RATE OF 16 MPH.

HIGHEST WINDS ARE ESTIMATED 100 MPH OVER A SMALL AREA NEAR THE CENTER. GALES EXTEND OUTWARD 400 MILES TO THE NORTH AND EAST AND 150 MILES SOUTHWEST OF THE CENTER.

THE HURRICANE IS FORECAST TO CONTINUE TOWARDS THE NORTHEAST TODAY AND TONIGHT WITH A GRADUAL ACCELERATION TO ABOUT 18 MPH. LITTLE CHANGE IN SIZE OR INTENSITY IS INDICATED. IF THE FORECAST TRACK AND SPEED IS REALIZED THE CENTER WOULD PASS TO THE SOUTHEAST OF BERMUDA THURSDAY WITH THE POSSIBILITY OF WINDS OF NEAR GALE FORCE OCCURRING AT BERMUDA.

WINDS ARE DIMINISHING IN THE SOUTHEASTERN BAHAMAS AND THE CAICOS AND TURKS ISLANDS AREA BUT SEAS WILL CONTINUE ROUGH THROUGH MOST OF THE AREA FROM THE BAHAMAS TO THE NORTH COAST OF CUBA AND HISPANIOLA TODAY AND TONIGHT. SMALL CRAFT IN THESE AREAS SHOULD REMAIN IN PORT UNTIL SEAS SUBSIDE.

SHIPPING IN THE PROJECTED PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

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

MOORE

MIAMI WEATHER BUREAU ADVISORY NUMBER 38 HURRICANE FLORA 5 PM EST OCTOBER 9, 1963.

HURRICANE FLORA HAS ACCELERATED CONSIDERABLY IN FORWARD MOTION. AT 5 PM EST...2200Z...IT WAS CENTERED NEAR LATITUDE 25.8 NORTH LONGITUDE 68.5 WEST OR ABOUT 500 STATUTE MILES SOUTH SOUTHWEST OF BERMUDA. IT IS MOVING TOWARD THE NORTHEAST AT ABOUT 28 MPH.

THE HURRICANE HAS ALSO INCREASED IN INTENSITY. HIGHEST WINDS ARE NOW ESTIMATED 115 MPH NEAR THE CENTER. GALES EXTEND OUTWARD 400 MILES TO THE EAST AND 175 MILES SOUTHWEST OF THE CENTER.

FLORA IS FORECAST TO CONTINUE MOVING RAPIDLY TOWARD THE NORTHEAST WITH THE CENTER EXPECTED TO PASS SOME 200 MILES SOUTHEAST OF BERMUDA THURSDAY MORNING. WINDS OF NEAR GALE FORCE WILL LIKELY OCCUR IN THE VICINITY OF BERMUDA AND SMALL CRAFT IN THE ISLANDS SHOULD REMAIN IN SAFE HARBOR.

SEAS WILL CONTINUE ROUGH FROM THE SOUTHEASTERN BAHAMAS TO THE NORTH COAST OF EASTERN CUBA AND HISPANIOLA AND SMALL CRAFT IN THESE AREAS SHOULD REMAIN IN PORT UNTIL SEAS SUBSIDE.

SHIPPING IN THE PATH OF THIS INTENSE AND RAPIDLY MOVING HURRICANE SHOULD EXERCISE CAUTION.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 39 FLORA 11 PM EST OCTOBER 9 1963.

AT 11 PM EST...0400Z...HURRICANE FLORA WAS CENTERED ABOUT 400 MILES SOUTH SOUTHWEST OF BERMUDA NEAR LATITUDE 27 LONGITUDE 67 AND MOVING TOWARD THE NORTHEAST 25 MPH.

HIGHEST WINDS ARE 115 MPH NEAR THE CENTER. GALES EXTEND OUT 400 MILES TO THE EAST AND 175 MILES TO THE WEST OF THE CENTER.

INDICATIONS ARE FOR CONTINUED MOVEMENT TOWARD THE NORTHEAST WITH THE CENTER PASSING 150 TO 200 MILES SOUTHEAST OF BERMUDA THURSDAY MORNING.

A FEW GALES IN SQUALLS ARE EXPECTED AT BERMUDA AND SMALL CRAFT THERE SHOULD REMAIN IN PORT.

SHIPPING TO THE NORTHEAST OF THIS INTENSE AND RAPIDLY MOVING HURRICANE SHOULD EXERCISE CAUTION.

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

KRAFT

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 40 FLORA 5 AM EST OCTOBER 10 1963.

AT 5 AM EST...1000Z...HURRICANE FLORA WAS CENTERED NEAR LATITUDE 27.0 N LONGITUDE 65.0 W MOVING TOWARD THE NORTHEAST 20 TO 25 MPH. THIS POSITION IS BASED UPON SHIP REPORTS AND IS ABOUT 370 MILES SOUTH OF BERMUDA.

HIGHEST WINDS ARE 115 MPH AROUND THE CENTER WITH GALES EXTENDING OUTWARD 400 MILES IN ALL QUADRANTS.

FLORA IS FORECAST TO CONTINUE ON A NORTHEASTERLY COURSE AT 23 MPH DURING THE NEXT 24 HOURS WITH NO CHANGE IN SIZE OR INTENSITY.

BERMUDA WILL REMAIN ON THE NORTHERN FRINGES OF THE HURRICANE SO THAT A FEW GALES IN SQUALLS MAY BE EXPECTED THERE THROUGHOUT THE DAY. SMALL CRAFT AT BERMUDA SHOULD REMAIN IN PORT.

SHIPPING SHOULD EXERCISE CAUTION.

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

SUGG

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 41 FLORA 11 AM EST THURSDAY OCTOBER 10 1963.

AT 11 AM EST...1600Z...THE CENTER OF HURRICANE FLORA WAS LOCATED BY RECONNAISSANCE AIRCRAFT NEAR LATITUDE 28.5 NORTH LONGITUDE 63.5 WEST OR 270 STATUTE MILES SOUTH SOUTHEAST OF BERMUDA. FLORA IS MOVING TOWARDS THE NORTHEAST AT 23 MPH.

HIGHEST WINDS NEAR THE CENTER ARE ESTIMATED 115 MPH WITH GALES EXTENDING OUTWARD 400 MILES IN ALL QUADRANTS. THE EYE IS REPORTED AS 70 MILES IN DIAMETER.

THE HURRICANE IS FORECAST TO MOVE TOWARDS THE NORTHEAST TO EAST NORTHEAST AT 23 MPH TODAY AND TONIGHT. LITTLE CHANGE IN INTENSITY IS EXPECTED BUT THE AREA OF GALE FORCE WINDS TO THE NORTH OF THE HURRICANE WILL GRADUALLY EXPAND.

BERMUDA WILL EXPERIENCE A FEW GALES IN SQUALLS ON THE NORTHWESTERN FRINGE OF THE HURRICANE TODAY. SMALL CRAFT THERE SHOULD REMAIN IN SAFE HARBOR.

SHIPPING SHOULD CONTINUE TO EXERCISE CAUTION.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 42 FLORA 5 PM EST THURSDAY OCTOBER 10 1963.

RECONNAISSANCE AIRCRAFT INDICATE THAT AT 5 PM EST...2200Z...THE CENTER OF HURRICANE FLORA WAS LOCATED NEAR LATITUDE 31.3 NORTH LONGITUDE 60.7 WEST OR ABOUT 260 STATUTE MILES EAST SOUTHEAST OF BERMUDA. THE HURRICANE IS MOVING TOWARDS THE NORTHEAST AT AROUND 30 MPH.

HIGHEST WINDS ARE ESTIMATED 115 MPH NEAR THE CENTER. GALES EXTEND OUTWARD 450 MILES FROM THE CENTER TO THE SOUTHEAST AND 350 MILES IN OTHER QUADRANTS. THE EYE IS REPORTED AS 70 MILES IN DIAMETER. LOWEST OBSERVED SEA LEVEL PRESSURE THIS AFTERNOON WAS 972 MILLIBARS OR 28.70 INCHES.

A CONTINUED MOVEMENT TOWARDS THE NORTHEAST AT ABOUT 30 MPH IS EXPECTED FOR THE NEXT 18 HOURS WITH LITTLE CHANGE IN INTENSITY. SOME DECREASE IN HIGHEST WINDS NEAR THE CENTER SHOULD BEGIN FRIDAY AS THE HURRICANE PASSES OVER COLDER WATERS.

SMALL CRAFT AROUND BERMUDA SHOULD REMAIN IN SAFE HARBOR SINCE SEAS WILL BE ROUGH. HOWEVER WINDS IN THE ISLANDS TONIGHT WILL PROBABLY NOT EXCEED 30 TO 35 MPH.

SHIPPING IN THE HURRICANES PATH SHOULD EXERCISE CAUTION.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 43 FLORA 0400Z OCTOBER 11 1963.

AT ...0400Z...HURRICANE FLORA WAS MOVING RAPIDLY TOWARDS THE NORTHEAST AT 30 KNOTS AND WAS CENTERED NEAR LATITUDE 33.5 LONGITUDE 58.0. HIGHEST WINDS ARE ESTIMATED 100 KNOTS NEAR THE CENTER AND GALES EXTEND OUT 400 MILES IN THE SOUTHEAST SEMICIRCLE AND 300 IN THE NORTHWEST. CENTRAL PRESSURE ESTIMATED 970 MILLIBARS.

INDICATIONS ARE FOR CONTINUED RAPID NORTHEAST MOVEMENT WITH LITTLE CHANGE IN SIZE OR INTENSITY DURING THE NEXT 24 HOURS.

SHIPPING IN THE HURRICANES PATH SHOULD EXERCISE CAUTION.

NEXT ADVISORY WILL BE ISSUED BY THE WASHINGTON D. C. WEATHER BUREAU OFFICE AT 1000Z.

KRAFT

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 44 FLORA 1000Z OCTOBER 11 1963.

AT ...1000Z...HURRICANE FLORA WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 35.0 NORTH LONGITUDE 56.0 WEST MOVING NORTHEAST 25 KNOTS.

HIGHEST WINDS ARE ESTIMATED AT 100 KNOTS NEAR THE CENTER AND GALE WINDS EXTEND OUT 400 MILES IN THE SOUTHEAST SEMICIRCLE AND 300 MILES IN THE NORTHWEST SEMICIRCLE. THE CENTRAL PRESSURE WAS ESTIMATED AT 975 MILLIBARS.

HURRICANE FLORA IS EXPECTED TO CONTINUE IN A NORTHEAST DIRECTION WITH A SLIGHT DECREASE IN THE FORWARD MOTION TODAY. THE HIGHEST WINDS ARE EXPECTED TO DECREASE SLOWLY DURING THE NEXT 24 HOURS AS THE HURRICANE MOVES OVER COLDER WATER AND LOSES ITS TROPICAL CHARACTERISTICS.

SHIPPING IN THE PATH OF HURRICANE FLORA SHOULD CONTINUE TO EXERCISE EXTREME CAUTION

THE NEXT ADVISORY WILL BE ISSUED BY THE WASHINGTON WEATHER BUREAU AT 1600Z.

E. HOOVER

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 45 FLORA 1600Z OCTOBER 11 1963.

AT ...1600Z...HURRICANE FLORA WAS ESTIMATED TO BE NEAR LATITUDE 38.0 NORTH LONGITUDE 55.5 WEST MOVING BETWEEN NORTH NORTHEAST AND NORTHEAST 25 KNOTS.

HIGHEST WINDS ARE ESTIMATED AT 90 KNOTS NEAR THE CENTER AND GALE WINDS EXTEND OUT 400 MILES IN ALL DIRECTIONS FROM CENTER. THE CENTRAL PRESSURE WAS ESTIMATED AT 963 MILLIBARS.

HURRICANE FLORA IS EXPECTED TO CONTINUE MOVING IN A DIRECTION BETWEEN NORTH NORTHEAST AND NORTHEAST AT 25 KNOTS FOR 12 HOURS WITH A SLOW ACCELERATION IN FORWARD SPEED TO ABOUT 30 KNOTS AFTER 12 HOURS. THE HIGHEST WINDS NEAR THE CENTER ARE EXPECTED TO DECREASE SLOWLY BUT THE AREA OF GALE WINDS WILL EXPAND DURING THE NEXT 24 HOURS AS THE HURRICANE MOVES OVER COLDER WATER AND LOSES ITS TROPICAL CHARACTERISTICS.

SHIPPING IN THE PATH OF HURRICANE FLORA SHOULD CONTINUE TO EXERCISE EXTREME CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE WASHINGTON WEATHER BUREAU AT 2200Z.

HUNTER

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 46 FLORA 2200Z OCTOBER 11 1963.

AT ...2200Z...HURRICANE FLORA WAS LOCATED BY RECONNAISSANCE AIRCRAFT NEAR LATITUDE 39.5 NORTH LONGITUDE 55.3 WEST MOVING TOWARD THE NORTH NORTHEAST ABOUT 20 KNOTS.

HIGHEST WINDS ARE ESTIMATED AT 80 KNOTS NEAR THE CENTER WITH HURRICANE FORCE WINDS REACHING OUT AS FAR AS 100 MILES. GALES EXTEND OUTWARD ABOUT 400 MILES IN ALL DIRECTIONS.

HURRICANE FLORA IS EXPECTED TO MOVE TOWARDS THE NORTH NORTHEAST ABOUT 20 KNOTS DURING THE NEXT 12 HOURS AND THEN TURN MORE TOWARDS THE NORTHEAST WITH FORWARD SPEED INCREASING TO 25 KNOTS DURING THE FOLLOWING 12 HOURS. HIGHEST WINDS NEAR THE CENTER ARE EXPECTED TO REMAIN ABOUT THE SAME DURING THE NEXT 12 HOURS AND THEN DECREASE SLOWLY. THE AREA OF GALE WINDS MAY EXPAND SOMEWHAT DURING THE NEXT 24 HOURS AS THE HURRICANE MOVES OVER COLDER WATER AND GRADUALLY LOSES ITS TROPICAL CHARACTERISTICS.

SHIPPING IN THE PATH OF HURRICANE FLORA SHOULD CONTINUE TO EXERCISE EXTREME CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE WASHINGTON WEATHER BUREAU AT 0400Z.

SCHEIDT

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 47 FLORA 11 PM EST OCTOBER 11 1963.

THE SS ALICE BROWN PASSED THROUGH HURRICANE FLORA LATE THIS AFTERNOON AND FROM THEIR REPORTS WE ESTIMATE THE CENTER POSITION AT 11 PM EST...0400Z...NEAR LATITUDE 41.0 NORTH LONGITUDE 55.0 WEST OR ABOUT 400 STATUTE MILES SOUTH OF CAPE RACE NEWFOUNDLAND. HURRICANE FLORA CONTINUES ON A NORTH NORTHEAST COURSE AT A FORWARD SPEED OF ABOUT 22 MPH.

THE HIGHEST WINDS ARE ABOUT 100 MPH NEAR THE CENTER WITH HURRICANE WINDS EXTENDING OUT TO ABOUT 100 MILES. GALE WINDS EXTEND OUTWARD ABOUT 400 MILES IN ALL DIRECTIONS.

HURRICANE FLORA IS EXPECTED TO TURN FROM NORTH NORTHEAST TO NORTHEAST BY SATURDAY MORNING. THE FORWARD SPEED SHOULD REMAIN ABOUT 22 MPH TONIGHT BUT INCREASE TO ABOUT 30 OR 35 MPH SATURDAY. THIS MOVEMENT WILL PLACE HURRICANE FLORA ABOUT 100 MILES SOUTHEAST OF CAPE RACE NEWFOUNDLAND SATURDAY MORNING. THE HIGHEST WIND IS FORECAST TO DIMINISH TO ABOUT 75 MPH SATURDAY WITH THE AREA OF GALES REMAINING THE SAME.

SHIPPING IN THE PATH OF HURRICANE FLORA SHOULD CONTINUE TO EXERCISE EXTREME CAUTION.

THE NEXT ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE WASHINGTON WEATHER BUREAU AT 5 AM EST.

E. HOOVER

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 48 FLORA 5 AM EST OCTOBER 11 1963.

REPORTS FROM SHIPS IN THE VICINITY OF HURRICANE FLORA WERE USED AS BASIS FOR ESTIMATING THE CENTER POSITION AT 5 AM EST..1000Z... NEAR LATITUDE 43.0 NORTH LONGITUDE 53.0 WEST OR ABOUT 260 STATUTE MILES SOUTH OF CAPE RACE NEWFOUNDLAND. HURRICANE FLORA NOW APPEARS TO BE ON A COURSE BETWEEN NORTH NORTHEAST AND NORTHEAST AT ABOUT 22 MPH.

THE HIGHEST WINDS ARE ABOUT 100 MPH NEAR THE CENTER WITH HURRICANE FORCE WINDS EXTENDING OUT TO ABOUT 100 MILES FROM THE CENTER. GALE WINDS EXTEND OUTWARD 400 MILES IN ALL DIRECTIONS.

HURRICANE FLORA IS EXPECTED TO TURN TO THE NORTHEAST WITHIN A FEW HOURS. THE FORWARD SPEED IS FORECAST TO INCREASE TO ABOUT 40 MPH DURING THE NEXT 24 HOURS. THIS MOVEMENT WILL PLACE FLORA A LITTLE OVER A HUNDRED MILES SOUTHEAST OF CAPE RACE NEWFOUNDLAND THIS FORENOON. THE HIGHEST WIND IS FORECAST TO DIMINISH TO ABOUT 70 MPH AS THE HURRICANE MOVES OVER COLDER WATER AND LOSES ITS TROPICAL CHARACTERISTICS DURING THE NEXT 24 HOURS. THE AREA OF GALE WINDS SHOULD REMAIN ABOUT THE SAME FOR THE NEXT 24 HOURS.

SHIPPING IN THE PATH OF HURRICANE FLORA SHOULD CONTINUE TO EXERCISE EXTREME CAUTION.

THE NEXT ADVISORY ON HURRICANE FLORA WILL BE ISSUED BY THE WASHINGTON WEATHER BUREAU AT 11 AM EST.

E. HOOVER

WASHINGTON WEATHER BUREAU ADVISORY NUMBER 49 FLORA 11 AM EST OCTOBER 12 1963.

AT 11 AM EST..1600Z...REPORTS FROM SHIPS IN THE VICINITY OF THE STORM INDICATED THAT IT WAS CENTERED NEAR LATITUDE 45.0 NORTH LONGITUDE 51.0 WEST OR ABOUT 150 STATUTE MILES SOUTHEAST OF CAPE RACE NEWFOUNDLAND. FLORA IS MOVING ON A NORTHERLY COURSE ABOUT 20 MPH. SINCE THE STORM HAS BEEN MOVING OVER COLDER WATER IT HAS LOST MOST OF ITS TROPICAL CHARACTERISTICS.

THE HIGHEST WINDS ARE NOW ABOUT 80 MPH NEAR THE CENTER AND WINDS OF 70 MPH EXTEND OUTWARD OVER A RADIUS OF ABOUT 75 MILES AND GALES EXTEND OUTWARD ABOUT 400 MILES IN ALL DIRECTIONS.

FLORA IS EXPECTED TO CONTINUE ON A NORTHERLY COURSE ABOUT 20 MPH DURING THE NEXT 12 TO 24 HOURS AND THIS WILL BRING THE STORM A SHORT DISTANCE OFF THE COAST OF EXTREME EASTERN NEWFOUNDLAND LATE THIS AFTERNOON AND TONIGHT. THE HIGHEST WIND IS EXPECTED TO DIMINISH TO 70 MPH DURING THE NEXT 6 HOURS BUT THE AREA OF GALE WINDS WILL REMAIN ABOUT THE SAME DURING THE NEXT 12 TO 24 HOURS.

SHIPPING IN THE PATH OF FLORA SHOULD CONTINUE TO EXERCISE EXTREME CAUTION.

SINCE THIS STORM WILL HAVE LOST ALL OF ITS TROPICAL CHARACTERISTICS AFTER A FEW MORE HOURS THIS WILL BE THE LAST PUBLIC ADVISORY. FURTHER ADVICES ON THE STORM WILL BE INCLUDED IN THE MARINE BULLETINS ISSUED FROM WASHINGTON FOR BROADCAST OVER NSS AT 6 HOURLY INTERVALS.

SCHMIDT