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U. S. Weather Bureau.

Hurricane Arlene, August 2-10, 1963;  
prelim. report with advisories and bulletins  
issued.

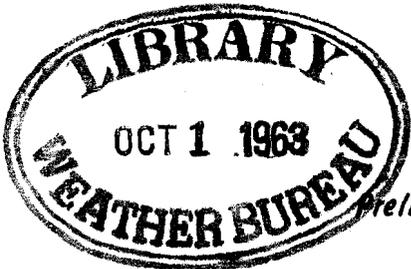
U. S. DEPARTMENT OF COMMERCE

U.S. WEATHER BUREAU

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# HURRICANE ARLENE

## AUGUST 2-10, 1963

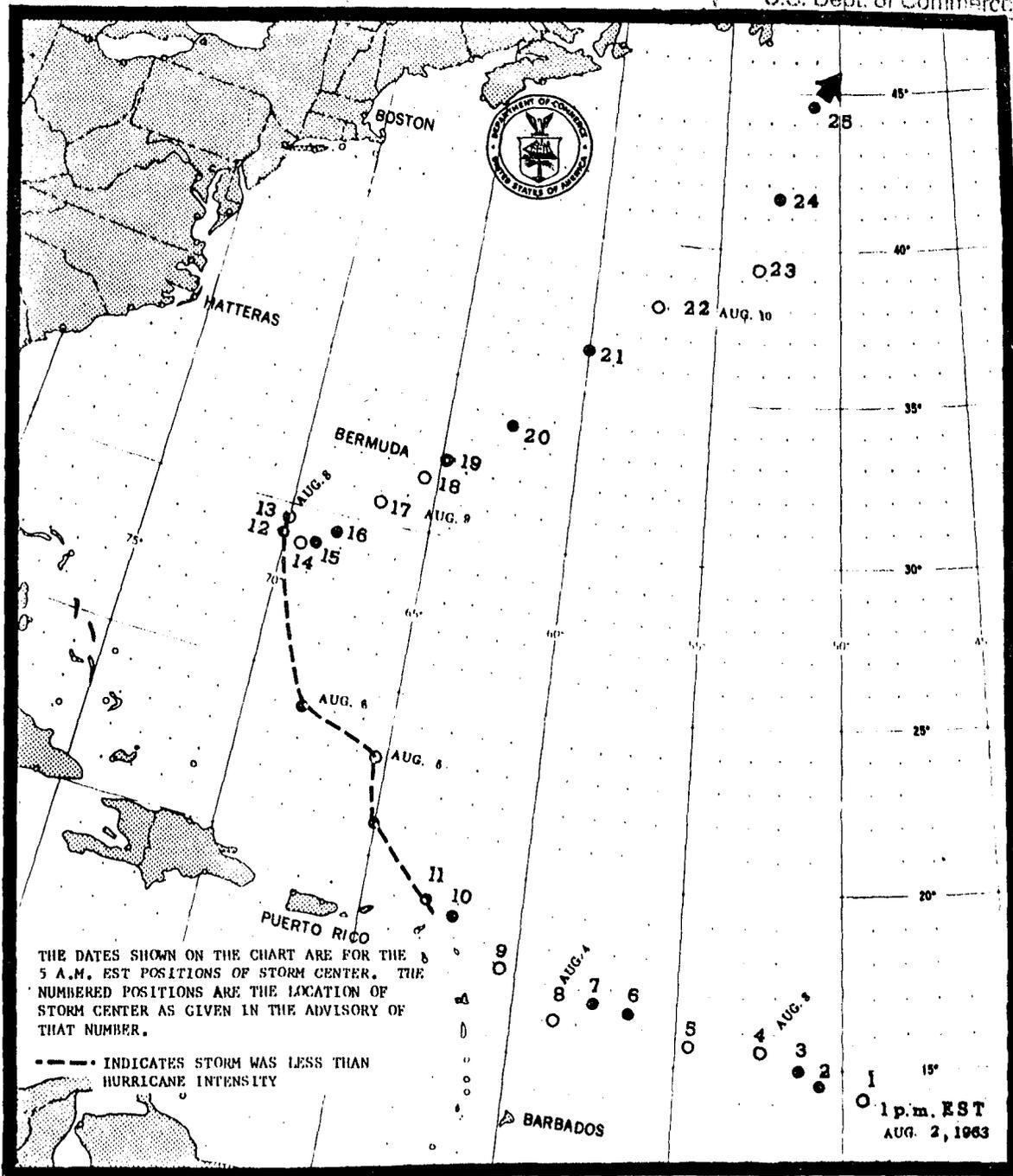


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*Preliminary Report with Advisories and Bulletins Issued.*

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 ARLENE

AUGUST 2-10, 1963

HURRICANE ARLENE, the first of the 1963 season, formed in the southern North Atlantic between the Antilles and the Cape Verde Islands. Photographs taken by the Meteorological Satellite TIROS VI at 1505 GCT Wednesday, July 31 showed a large cloud mass about five degrees in diameter located at 11° North 39° West. No additional information was received from the area of the cloud mass until it had moved westward within range of Navy reconnaissance aircraft based in Puerto Rico on Friday, August 2. The first reconnaissance flight to reach the area found a small hurricane with a well defined circular eye, a central pressure of 987 mbs, and maximum wind of 100 mph. The Weather Bureau Hurricane Warning Center at San Juan, Puerto Rico issued the first advisory at 1800 GCT August 2 and placed the center of the hurricane at 14.2N, 49.7W moving WNW at 16 mph.

The hurricane moved west northwestward in the general direction of the Leeward Islands and Puerto Rico at about 15 mph for the next two days. The Weather Bureau Hurricane Warning Center at San Juan announced a hurricane watch for the Leeward and Northern Windward Islands at 1600 GCT August 3 and extended the watch to include the Virgin Islands later in the day. As the hurricane advanced hurricane warnings were issued for the Northern Leeward Islands at 0000 GCT on the 4th and hurricane watch was extended to include Puerto Rico at 0400 GCT on the 5th. However, during August 4 the hurricane decreased rapidly in intensity and all warnings were lifted. Apparently the rapid deterioration of the storm was due to the development of a highly unfavorable upper air flow pattern above the hurricane.

During the next several days the remains of the hurricane in the form of a weak circulation and an area of squalls drifted northwestward over the southwestern North Atlantic. During the night of August 7-8 it began to regenerate and the issuance of formal advisories was resumed by the National Hurricane Center at Miami, Florida. At that time the redeveloping storm was virtually stationary near 29° North 70° West or about 380 miles southwest of Bermuda. By the forenoon of August 8 it had regained hurricane intensity, and the forecasts then called for it to move northeastward near or over Bermuda. Late in the day it began moving northeastward toward Bermuda. The center crossed Bermuda during the late forenoon of August 9, and sustained winds of about 75 mph and gusts near 100 mph were reported during passage. The lowest reported central pressure in the eye when it crossed Bermuda was 974.5 mbs. The hurricane continued on northeastward at an accelerated rate out over the North Atlantic and intensified somewhat more. The lowest pressure observed by aircraft was 969 mbs when the center was located northeast of Bermuda. Highest winds then were estimated from 75 to 100 mph around the eye.

As the hurricane continued northeastward over the cooler water of the North Atlantic thereafter it gradually lost force and finally late on August 10 it merged with another North Atlantic storm in the vicinity of Newfoundland.

Early reports indicate little or no damage from the hurricane in the Antilles and only slight damage in Bermuda.

Almost continuous reconnaissance coverage of this hurricane was provided by Navy and Air Force hurricane hunter aircraft. Most of the flights into the hurricane in its early stages were made by the Navy and at the later stages by the Air Force. The hurricane was photographed several times by the TIROS satellite. It was observed briefly by the Atlantic Missile Range Radar Station at Antigua. As it approached Bermuda it was again tracked by Air Force radar in Bermuda. Ships at sea also rendered numerous valuable reports of the hurricane as they passed near it.

SAN JUAN WEATHER BUREAU SPECIAL HURRICANE ADVISORY NUMBER ONE ARLENE 2 PM AST AUGUST 2 1963.

RECONNAISSANCE AIRCRAFT TODAY FOUND THE FIRST HURRICANE OF THE SEASON. EARLIER SATELLITE PHOTOGRAPHS HAD DETECTED A SUSPICIOUS AREA IN THE ATLANTIC ON WEDNESDAY.

AT 2 PM AST...1800Z HURRICANE ARLENE WAS LOCATED NEAR LATITUDE 14.2 NORTH AND LONGITUDE 49.7 WEST OR 650 NAUTICAL MILES EAST OF MARTINIQUE LESSER ANTILLES.

HURRICANE ARLENE IS ESTIMATED TO BE MOVING WEST NORTHWESTWARD AT 14 KNOTS AND IS EXPECTED TO CONTINUE MOVING TOWARD THE WEST NORTHWEST AT ABOUT THE SAME SPEED FOR THE NEXT 12 TO 24 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 85 KNOTS OVER SMALL AREA NEAR THE CENTER. GALE WINDS EXTEND OUTWARD FROM THE CENTER 150 NAUTICAL MILES IN THE NORTHERN SEMICIRCLE AND 50 MILES IN THE SOUTHERN SEMICIRCLE. THERE ARE SOME INDICATIONS THAT HURRICANE ARLENE WILL INCREASE IN INTENSITY DURING THE NEXT 24 HOURS.

VESSELS IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

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

HIGGS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 2 ARLENE 6 PM AST AUGUST 2 1963.

AT 6 PM AST...2200Z...HURRICANE ARLENE WAS ESTIMATED TO BE NEAR LATITUDE 14.6 N LONGITUDE 50.9 W OR ABOUT 1050 STATUTE MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO. THE HURRICANE IS ESTIMATED TO BE MOVING TOWARD THE WEST NORTHWEST AT 16 MPH AND IS EXPECTED TO CONTINUE MOVING IN ABOUT THE SAME DIRECTION AND AT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT NEAR 100 MPH OVER A SMALL AREA NEAR THE CENTER. GALE FORCE WINDS EXTEND OUTWARD ABOUT 175 MILES IN THE NORTHERN SEMICIRCLE AND 75 MILES IN THE SOUTHERN SEMICIRCLE. CENTRAL PRESSURE IS 29.16 INCHES OR 987.4 MILLIBARS. INDICATIONS ARE THAT HURRICANE ARLENE WILL INCREASE IN SIZE AND INTENSITY DURING THE NEXT 12 TO 24 HOURS.

VESSELS IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION. SMALL CRAFT IN THE LEEWARD AND NORTHERN WINDWARD ISLANDS SHOULD NOT VENTURE FAR FROM PORT.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 MIDNIGHT AST...0400Z.

HOOSE

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 3 ARLENE 12 MIDNIGHT AST AUGUST 3 1963.

AT 12 MIDNIGHT...0400Z...HURRICANE ARLENE WAS ESTIMATED TO BE NEAR LATITUDE 15.0 N LONGITUDE 51.3 W OR APPROXIMATELY 1000 STATUTE MILES ESE OF SAN JUAN PUERTO RICO. THE HURRICANE IS MOVING TOWARD THE WNW AT ABOUT 14 MPH AND IS EXPECTED TO CONTINUE IN THE SAME DIRECTION AND AT THE SAME SPEED DURING THE NEXT 12 HOURS.

RECONNAISSANCE AIRCRAFT HAVE PENETRATED THE VORTEX OF THE STORM DURING THE EVENING AND ARE SCHEDULED TO PROVIDE OBSERVATIONS THROUGHOUT THE NIGHT. PRESENT INDICATIONS ARE THAT HIGHEST WINDS REMAIN ABOUT 100 MPH OVER A SMALL AREA NEAR THE CENTER. GALE FORCE WINDS EXTEND OUTWARD 175 MILES IN THE NORTHERN SEMICIRCLE AND 75 MILES IN THE SOUTHERN SEMICIRCLE. LITTLE CHANGE IN SIZE OR INTENSITY OF THE STORM IS EXPECTED DURING THE NEXT 12 TO 24 HOURS.

VESSELS IN THE PATH OF HURRICANE ARLENE SHOULD EXERCISE EXTREME CAUTION. SMALL CRAFT IN THE LEEWARD AND NORTHERN WINDWARD ISLANDS SHOULD NOT VENTURE FAR FROM PORT.

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

DAVIS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 4 ARLENE 6 AM AST AUGUST 3 1963.

AT 6 AM AST...1000Z...HURRICANE ARLENE WAS ESTIMATED TO BE NEAR LATITUDE 15.5 N LONGITUDE 52.5 W OR ABOUT 925 STATUTE MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO. THE HURRICANE IS MOVING TOWARD THE WEST NORTHWEST AT ABOUT 12 MPH. IT IS EXPECTED TO CONTINUE MOVING IN THE SAME DIRECTION AND AT ABOUT THE SAME SPEED DURING THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 100 MPH OVER A SMALL AREA NEAR THE CENTER. GALE FORCE WINDS EXTEND OUTWARD 175 MILES IN THE NORTHERN SEMICIRCLE AND ABOUT 75 MILES IN THE SOUTHERN SEMICIRCLE. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

VESSELS IN THE PATH OF HURRICANE ARLENE SHOULD EXERCISE EXTREME CAUTION. SMALL CRAFT IN THE LEEWARD AND NORTHERN WINDWARD ISLANDS SHOULD NOT VENTURE FAR FROM PORT.

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

HOOSE

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 5 ARLENE 12 NOON AST AUGUST 3 1963.

HURRICANE WATCH IS IN EFFECT FOR THE EXTREME NORTHERN WINDWARD ISLANDS AND THE ENTIRE LEEWARD ISLANDS.

FROM AIRCRAFT AND VESSEL REPORTS THIS MORNING HURRICANE ARLENE AT NOON AST...1600Z...WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 15.4 N AND LONGITUDE 54.8 W OR 780 STATUTE MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO. ARLENE IS ESTIMATED TO BE MOVING TOWARD THE WEST NORTHWEST AT ABOUT 16 MPH. PRESENT INDICATIONS ARE THAT ARLENE WILL CONTINUE ITS DIRECTION TOWARD THE WEST NORTHWEST AT ABOUT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 100 MPH OVER A SMALL AREA NEAR THE CENTER. GALE FORCE WINDS EXTEND OUTWARD 175 MILES IN THE NORTHERN SEMICIRCLE AND ABOUT 75 MILES IN THE SOUTHERN SEMICIRCLE. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

ALL INTERESTS IN THE LEEWARD AND NORTHERN WINDWARD ISLANDS SHOULD STANDBY FOR LATER BULLETINS AND ADVISORIES TODAY.

VESSELS IN THE PATH OF HURRICANE ARLENE SHOULD EXERCISE EXTREME CAUTION. SMALL CRAFT IN THE LEEWARD AND NORTHERN WINDWARD ISLANDS SHOULD NOT VENTURE FAR FROM PORT.

THE NEXT ADVISORY WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM AST...2200Z.

HIGGS

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 3 PM AST AUGUST 3 1963.

A HURRICANE WATCH IS IN EFFECT FOR THE LEEWARD AND NORTHERN WINDWARD ISLANDS.

AT 3 PM AST HURRICANE ARLENE IS ESTIMATED TO BE CENTERED ABOUT 500 STATUTE MILES EAST OF THE ISLAND OF GUADELOUPE OR 725 MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO. PRESENT INDICATIONS ARE THAT ARLENE IS MOVING TOWARD THE WEST NORTHWEST AT A SLIGHTLY REDUCED FORWARD SPEED OF ABOUT 12 MPH AND WILL CONTINUE THE SAME DIRECTION AND SPEED FOR THE NEXT 6 TO 12 HOURS.

HIGHEST WINDS REPORTED THIS AFTERNOON ARE ABOUT 90 MPH A SHORT DISTANCE NORTH OF THE CENTER. GALE WINDS EXTENT OUTWARD FROM THE CENTER 175 MILES IN THE NORTHEAST QUADRANT AND ABOUT 75 MILES IN THE SOUTHEAST QUADRANT. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

IN ITS PRESENT POSITION HURRICANE ARLENE IS NOW POSING A THREAT TO THE LEEWARD ISLANDS. ALL INTERESTS IN THE AREA OF THE HURRICANE WATCH SHOULD REMAIN ON THE ALERT AND STANDBY FOR FURTHER BULLETINS AND ADVISORIES TODAY AND EARLY SUNDAY.

HIGGS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 6 ARLENE 6 PM AST AUGUST 3 1963.

HURRICANE WATCH IS EXTENDED TO THE VIRGIN ISLANDS. HURRICANE WATCH REMAINS IN EFFECT FOR THE LEEWARD ISLANDS AND IS DISCONTINUED FOR THE NORTHERN WINDWARD ISLANDS.

AT 6 PM AST...2200Z...HURRICANE ARLENE WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 16.3 N LONGITUDE 56.2 W. THIS POSITION IS APPROXIMATELY 360 STATUTE MILES EAST OF GUADELOUPE FRENCH WEST INDIES AND 675 STATUTE MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO. IT IS MOVING TOWARD THE WEST NORTHWEST AT ABOUT 16 MPH. PRESENT INDICATIONS ARE FOR CONTINUED MOVEMENT TOWARD THE WEST NORTHWEST AT THE SAME SPEED DURING THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED TO BE APPROXIMATELY 100 MPH OVER A SMALL AREA NEAR THE CENTER AND GALE FORCE WINDS EXTEND OUTWARD 175 MILES IN THE NORTHERN SEMICIRCLE AND 75 MILES IN THE SOUTHERN SEMICIRCLE. LITTLE CHANGE IN SIZE AND INTENSITY IS ANTICIPATED DURING THE NEXT 12 HOURS.

THE PRESENT SPEED AND DIRECTION OF MOTION OF HURRICANE ARLENE WILL CARRY IT TO THE VICINITY OF THE EASTERN LEEWARD ISLANDS BY LATE SUNDAY AFTERNOON. ALL INTERESTS IN THE LEEWARD ISLANDS SHOULD STANDBY FOR FURTHER BULLETINS AND ADVISORIES IN THE EVENT THE HURRICANE WATCH IS CHANGED TO HURRICANE WARNING.

VESSELS IN THE PATH OF HURRICANE ARLENE SHOULD EXERCISE EXTREME CAUTION. SMALL CRAFT IN THE LEEWARD ISLANDS AND NORTHERN WINDWARD ISLANDS SHOULD NOT VENTURE FAR FROM PORT.

THE NEXT 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.

DAVIS

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

HURRICANE WARNINGS ARE IN EFFECT FOR THE NORTHERN LEEWARD ISLANDS AND A HURRICANE WATCH IS IN EFFECT FOR THE VIRGIN ISLANDS.

AT 9 PM AST HURRICANE ARLENE IS ESTIMATED TO BE CENTERED ABOUT 310 STATUTE MILES EAST OF GUADELOUPE FRENCH WEST INDIES AND 625 STATUTE MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO. IT IS MOVING TOWARD THE WEST NORTHWEST ABOUT 16 MPH AND IS EXPECTED TO FOLLOW THE SAME COURSE FOR THE NEXT 12 HOURS WITH LITTLE CHANGE IN SPEED.

HIGHEST WINDS ARE APPROXIMATELY 100 MPH OVER A SMALL AREA NEAR THE CENTER. GALE FORCE WINDS EXTEND TOWARD 175 MILES IN THE NORTHERN SEMICIRCLE AND 75 MILES IN THE SOUTHERN SEMICIRCLE. LITTLE CHANGE IN SIZE AND INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

HURRICANE ARLENE IS EXPECTED TO REACH THE EASTERN LEEWARD ISLANDS BY LATE SUNDAY AFTERNOON. WINDS WILL INCREASE GRADUALLY SUNDAY FORENOON IN THE NORTHERN LEEWARDS REACHING GALE FORCE ABOUT NOON AND INCREASING TO HURRICANE FORCE FROM ANTIGUA NORTHWARD BY MID AFTERNOON. HEAVY RAINS WILL ALSO MOVE INTO THE AREA. THESE CONDITIONS EXPECTED TO SPREAD IN A WEST NORTHWESTERLY DIRECTION SUNDAY NIGHT AND MONDAY AS THE HURRICANE ALSO POSES A THREAT TO THE VIRGIN ISLANDS AND PUERTO RICO. INTERESTS IN THE NORTHERN LEEWARD ISLANDS SHOULD TAKE IMMEDIATE PRECAUTIONARY MEASURES AS THE STORM WILL BEGIN AFFECTING THEM SUNDAY AFTERNOON. IF THE STORM CONTINUES ITS PRESENT COURSE PUERTO RICO WILL BE AFFECTED MONDAY. ALL INTERESTS IN THE AREA SHOULD REMAIN ON THE ALERT FOR FURTHER BULLETINS AND ADVISORIES.

THE NEXT ADVISORY WILL BE ISSUED AT 12 MIDNIGHT AST.

DAVIS

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 7 ARLENE 12 MIDNIGHT AST AUGUST 4 1963.

HURRICANE WARNINGS ARE IN EFFECT AS OF 8 PM AST FOR THE NORTHERN LEEWARD ISLANDS. HURRICANE WATCH IS EXTENDED TO INCLUDE PUERTO RICO. HURRICANE WATCH IS CONTINUED FOR THE VIRGIN ISLANDS.

WINDS ARE EXPECTED TO INCREASE GRADUALLY IN THE NORTHERN LEEWARDS DURING THE FORENOON SUNDAY REACHING GALE FORCE BY NOON FROM GUADELOUPE NORTHWARD AND REACHING HURRICANE FORCE BY MID AFTERNOON FROM ANTIGUA NORTHWARD. HEAVY RAINS WILL MOVE INTO THE AREA DURING THE AFTERNOON. PRECAUTIONS SHOULD BE TAKEN AGAINST HURRICANE WINDS AND IN LOW LYING AREAS AGAINST ABNORMALLY HIGH TIDES OF 4 TO 6 FEET AND HEAVY SURF.

AT MIDNIGHT AST...0400Z...HURRICANE ARLENE WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 16.6 N LONGITUDE 57.7 W OR ABOUT 270 STATUTE MILES EAST OF GUADELOUPE LESSER ANTILLES AND 575 STATUTE MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO. IT IS MOVING TOWARD THE WEST NORTHWEST AT ABOUT 16 MPH. PRESENT INDICATIONS ARE THAT ARLENE WILL CONTINUE TO MOVE IN THE SAME DIRECTION AND AT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE APPROXIMATELY 100 MPH OVER A SMALL AREA NEAR THE CENTER AND GALE FORCE WINDS EXTEND OUTWARD 175 MILES IN THE NORTHERN SEMICIRCLE AND 75 MILES IN THE SOUTHERN SEMICIRCLE. LITTLE CHANGE IN SIZE AND INTENSIFICATION IS ANTICIPATED DURING THE NEXT 12 HOURS.

THE PRESENT SPEED AND DIRECTION OF THE HURRICANE INDICATE THAT ITS CENTER WILL PASS NEAR BARBUDA LATE SUNDAY AFTERNOON AND WILL REACH THE VICINITY OF ST. MAARTEN BY LATE SUNDAY EVENING. ITS EFFECTS WILL REACH THE PUERTO RICO AREA ON MONDAY AS THE CENTER PASSES A SHORT DISTANCE TO THE NORTH.

VESSELS IN THE PATH OF THE HURRICANE SHOULD EXERCISE EXTREME CAUTION. SMALL CRAFT IN THE NORTHERN LEEWARD ISLANDS SHOULD REMAIN IN SAFE HARBOR. SMALL CRAFT IN THE NORTHERN WINDWARD ISLANDS SHOULD NOT VENTURE FAR FROM PORT DUE TO THE POSSIBILITY OF HEAVY SWELLS.

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 TELEVISION 3 AM AST AUGUST 4 1963.

HURRICANE WARNINGS ARE IN EFFECT FOR THE NORTHERN LEEWARD ISLANDS AND A HURRICANE WATCH IS IN EFFECT FOR PUERTO RICO AND THE VIRGIN ISLANDS.

AT 3 AM AST HURRICANE ARLENE IS ESTIMATED TO BE CENTERED ABOUT 220 STATUTE MILES EAST OF GUADELOUPE FRENCH WEST INDIES AND 525 STATUTE MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO. IT IS MOVING TOWARD THE WEST NORTHWEST ABOUT 16 MPH AND IT IS EXPECTED TO CONTINUE THE SAME DIRECTION AND SPEED DURING THE NEXT 12 HOURS.

WINDS ARE EXPECTED TO INCREASE GRADUALLY IN THE NORTHERN LEEWARD ISLANDS DURING THE FORENOON SUNDAY REACHING GALE FORCE BY NOON FROM GUADELOUPE NORTHWARD AND REACHING HURRICANE FORCE BY MID AFTERNOON FROM ANTIGUA NORTHWARD. HEAVY RAINS WILL ALSO MOVE INTO THAT AREA. PRECAUTIONS SHOULD BE TAKEN AGAINST HURRICANE WINDS IN THE NORTHERN LEEWARD ISLANDS AND IN LOW LYING AREAS PRECAUTIONS SHOULD BE TAKEN AGAINST ABNORMALLY HIGH TIDES OF 4 TO 6 FEET AND HEAVY SURF.

HIGHEST WINDS ARE ABOUT 100 MPH OVER A SMALL AREA NEAR THE CENTER AND GALE FORCE WINDS EXTEND OUTWARD 175 MILES IN THE NORTHERN SEMICIRCLE AND 75 MILES IN THE SOUTHERN SEMICIRCLE. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

THE PRESENT SPEED AND DIRECTION OF THE HURRICANE INDICATE THAT ITS CENTER WILL PASS NEAR THE ISLAND OF BARBUDA LATE SUNDAY AFTERNOON AND WILL REACH THE VICINITY OF ST. MAARTEN BY LATE SUNDAY EVENING.

IF THE HURRICANE CONTINUES ITS PRESENT COURSE PUERTO RICO AND THE VIRGIN ISLANDS WILL BE AFFECTED MONDAY AND ALL INTERESTS IN PUERTO RICO AND THE VIRGIN ISLANDS SHOULD REMAIN ON THE ALERT FOR FURTHER BULLETINS AND ADVISORIES.

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

ZIMMER

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 8 ARLENE 6 AM AST AUGUST 4 1963.

HURRICANE WARNINGS ARE IN EFFECT FOR THE NORTHERN LEEWARD ISLANDS.

WINDS ARE EXPECTED TO INCREASE SUNDAY IN THE NORTHERN LEEWARDS REACHING HURRICANE FORCE BY LATE AFTERNOON NORTH OF GUADELOUPE. PRECAUTIONS SHOULD BE TAKEN AGAINST HURRICANE WINDS HEAVY RAINS AND IN LOW LYING AREAS AGAINST ABNORMALLY HIGH TIDES OF 4 TO 6 FEET AND HEAVY SURF.

A HURRICANE WATCH IS IN EFFECT FOR THE VIRGIN ISLANDS AND PUERTO RICO. PEOPLE IN THESE AREAS SHOULD REMAIN ON THE ALERT FOR FURTHER BULLETINS AND ADVISORIES.

GALE WARNINGS ARE IN EFFECT FOR THE AREA FROM DOMINICA TO GUADELOUPE.

REPORTS FROM RECONNAISSANCE AIRCRAFT THIS MORNING INDICATE THAT HURRICANE ARLENE HAS BEEN MOVING ON A WESTERLY COURSE DURING THE PAST FEW HOURS AND AT 6 AM AST...1000Z...IT WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 16.0 N LONGITUDE 58.5 W OR ABOUT 200 STATUTE MILES EAST OF THE ISLAND OF GUADELOUPE LESSER ANTILLES AND 540 STATUTE MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO. THE HURRICANE IS MOVING BETWEEN WEST AND WEST NORTHWEST AT ABOUT 15 MPH AND IS EXPECTED TO CONTINUE MOVING IN THE SAME DIRECTION AND AT ABOUT THE SAME SPEED FOR THE NEXT 12 HOURS.

LATEST RECONNAISSANCE REPORTS INDICATE THAT THE CENTER OF HURRICANE ARLENE HAS BECOME POORLY ORGANIZED DURING THE NIGHT. HIGHEST WINDS ARE ESTIMATED TO BE NEAR 100 MPH IN SQUALLS OVER A SMALL AREA NEAR THE CENTER. GALE FORCE WINDS EXTEND OUTWARD 175 MILES IN THE NORTHERN SEMICIRCLE AND 75 MILES IN THE SOUTHERN SEMICIRCLE. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

THE PRESENT SPEED AND DIRECTION OF THE HURRICANE INDICATE THAT ITS CENTER WILL PASS NEAR THE ISLAND OF ANTIGUA EARLY SUNDAY NIGHT.

IF THE HURRICANE CONTINUES ITS PRESENT COURSE PUERTO RICO AND THE VIRGIN ISLANDS WILL BE AFFECTED MONDAY AND ALL INTERESTS IN PUERTO RICO AND VIRGIN ISLANDS SHOULD REMAIN ON THE ALERT FOR FURTHER BULLETINS AND ADVISORIES.

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

HOOSE

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV 9 AM AST AUGUST 4 1963.

HURRICANE WARNINGS REMAIN IN EFFECT FOR THE NORTHERN LEEWARD ISLANDS.

WINDS ARE EXPECTED TO INCREASE SUNDAY IN THE LEEWARD ISLANDS REACHING HURRICANE FORCE BY LATE AFTERNOON IN THE AREA NORTH OF GUADELOUPE AND GALE FORCE IN THE AREA FROM GUADELOUPE SOUTHWARD TO DOMINICA. PRECAUTIONS SHOULD BE RUSHED TO COMPLETION AGAINST HURRICANE WINDS HEAVY RAINS AND STORM TIDES OF 4 TO 6 FEET.

HURRICANE ARLENE CONTINUES TO MOVE TOWARDS THE LEEWARD ISLANDS AND AT 9 AM AST...1300Z...IT WAS ESTIMATED AT 16.2 N 59.0 W OR ABOUT 500 STATUTE MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO. IT IS MOVING BETWEEN WEST AND WEST NORTHWEST AT ABOUT 15 MPH AND IS EXPECTED TO CONTINUE MOVING IN THE SAME DIRECTION AND SPEED FOR THE NEXT 12 HOURS.

IF THE HURRICANE CONTINUES ON ITS PRESENT COURSE IT WILL PASS NEAR THE ISLAND OF ANTIGUA EARLY TONIGHT AND A SHORT DISTANCE NORTH OF PUERTO RICO LATE MONDAY AFTERNOON. A HURRICANE WATCH IS IN EFFECT FOR PUERTO RICO AND THE VIRGIN ISLANDS AND ALL INTERESTS SHOULD REMAIN ON THE ALERT FOR LATER INFORMATION.

RECONNAISSANCE AIRCRAFT FLYING INTO THE HURRICANE EARLY SUNDAY MORNING FOUND IT POORLY ORGANIZED WITH NO WELL DEFINED CENTER. ADDITIONAL RECONNAISSANCE FLIGHTS WILL BE MADE INTO THE AREA OF THE HURRICANE TODAY. ANY CHANGE IN THE INTENSITY OR COURSE OF ARLENE WILL BE REPORTED IMMEDIATELY.

HIGHEST WINDS REMAIN NEAR 100 MPH IN SQUALLS IN A SMALL AREA NEAR THE CENTER AND GALES EXTEND 175 MILES TO THE NORTH AND ABOUT 75 MILES TO THE SOUTH OF THE CENTER.

SMALL CRAFT IN THE LEEWARD AND NORTHERN WINDWARD ISLANDS SHOULD REMAIN IN SECURE HARBOR. SMALL CRAFT IN PUERTO RICO AND THE VIRGIN ISLANDS SHOULD NOT VENTURE FAR FROM PORT.

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

HOOSE

SAN JUAN WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 9 ARLENE 12 NOON AST AUGUST 4 1963.

HURRICANE WARNINGS HAVE BEEN CHANGED TO GALE WARNINGS FOR THE NORTHERN LEEWARD ISLANDS. HURRICANE WATCH HAS BEEN DISCONTINUED FOR PUERTO RICO AND THE VIRGIN ISLANDS. GALE WARNINGS ARE DISCONTINUED FOR THE AREA FROM GUADELOUPE SOUTHWARD.

LATEST REPORTS FROM RECONNAISSANCE AIRCRAFT INDICATE THAT ARLENE HAS MOVED FARTHER NORTH AND WEAKENED CONSIDERABLY AND IS NO LONGER OF HURRICANE INTENSITY. AT 12 NOON AST...1600Z...TROPICAL STORM ARLENE WAS ESTIMATED TO BE LOCATED NEAR 17.4 N LONGITUDE 60.5 W OR ABOUT 375 STATUTE MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO. IT IS MOVING WEST NORTHWEST AT ABOUT 15 MPH AND IS EXPECTED TO CONTINUE MOVING WEST NORTHWEST AT ABOUT THE SAME SPEED FOR THE NEXT 12 HOURS.

RECONNAISSANCE AIRCRAFT WERE UNABLE TO FIND AN ORGANIZED CENTER AND HIGHEST WINDS ARE ESTIMATED TO BE ABOUT 52 MPH IN SQUALLS. GALE FORCE WINDS IN A FEW SQUALLS EXTEND OUTWARD 100 MILES IN THE NORTHERN SEMICIRCLE AND 50 MILES IN THE SOUTHERN SEMICIRCLE.

RECONNAISSANCE AIRCRAFT ARE SEARCHING THE AREA OF THE STORM AND ANY CHANGE IN SIZE OR INTENSITY WILL BE REPORTED IMMEDIATELY.

SMALL CRAFT IN THE LEEWARD ISLANDS PUERTO RICO AND VIRGIN ISLANDS SHOULD REMAIN IN PORT UNTIL THE STORM PASSES.

THE NEXT ADVISORY ON TROPICAL STORM ARLENE WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM AST AND A BULLETIN AT 3 PM.

HOOSE

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 3 PM AUGUST 4 1963.

TROPICAL STORM ARLENE AFTER WEAKENING EARLIER TODAY APPEARS TO BE LOCATED AT 3 PM AST NEAR LATITUDE 18.0 N AND LONGITUDE 61.4 W OR ABOUT 300 STATUTE MILES ALMOST DUE EAST OF SAN JUAN PUERTO RICO.

THE STORM IS ESTIMATED TO BE MOVING TOWARD THE WEST NORTHWEST AT 15 MPH AND IS EXPECTED TO CONTINUE MOVING IN ABOUT THE SAME DIRECTION AND AT THE SAME SPEED FOR THE NEXT 6 HOURS.

HIGHEST WINDS ARE ABOUT 50 MPH IN THE HEAVIER SQUALLS. NO IMPORTANT CHANGE IN PRESENT INTENSITY IS EXPECTED FOR THE NEXT 6 TO 12 HOURS BUT RECONNAISSANCE AIRCRAFT ARE CONTINUING TO INVESTIGATE THE AREA AND ANY IMPORTANT CHANGE WILL BE REPORTED IMMEDIATELY.

THE HURRICANE WATCH FOR THE VIRGIN ISLANDS AND PUERTO RICO ARE DISCONTINUED AND THE PEOPLE IN THESE AREAS CAN RELAX THEIR VIGILANCE. GALE WARNINGS ARE IN EFFECT FOR THE NORTHERN LEEWARDS FOR WINDS OF 39 TO 54 MPH IN THE HEAVIER SQUALLS. PEOPLE IN THE NORTHERN LEEWARDS SHOULD CONTINUE TO KEEP IN TOUCH WITH THE LATEST BULLETINS AND ADVISORIES THROUGHOUT THE DAY.

THE NEXT ADVISORY WILL BE ISSUED AT 6 PM AND A BULLETIN WILL BE ISSUED AT 9 PM TODAY.

HIGGS

SAN JUAN WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 10 ARLENE 6 PM AST AUGUST 4 1963.

GALE WARNINGS ARE DISCONTINUED FOR THE NORTHERN LEEWARD ISLANDS.

AT 6 PM AST...2200Z...TROPICAL STORM ARLENE WAS ESTIMATED TO BE NEAR LATITUDE 18.4 N LONGITUDE 62.0 W OR ABOUT 260 STATUTE MILES EAST OF SAN JUAN PUERTO RICO. IT IS MOVING TOWARD THE WEST NORTHWEST AT ABOUT 16 MPH AND IS EXPECTED TO CONTINUE ON THE SAME COURSE AT THE SAME SPEED DURING THE NEXT 12 HOURS. NO IMPORTANT CHANGE IS EXPECTED IN SIZE AND INTENSITY.

THERE IS NO LONGER A THREAT TO ANY CARIBBEAN LAND AREA AND ALL WARNINGS HAVE BEEN DISCONTINUED. RECONNAISSANCE AIRCRAFT INVESTIGATING THE STORM WERE UNABLE TO FIND A WELL ORGANIZED CENTER DURING THE AFTERNOON. MAXIMUM WINDS ARE ESTIMATED TO BE ABOUT 45 MPH IN HEAVIER SQUALLS MOSTLY IN THE NORTHEAST SEMICIRCLE.

VESSELS IN THE PATH OF THE STORM SHOULD CONTINUE TO EXERCISE CAUTION BUT SMALL CRAFT IN THE LEEWARD ISLANDS THE VIRGIN ISLANDS AND PUERTO RICO ARE NO LONGER IN DANGER.

THE NEXT ADVISORY ON TROPICAL STORM ARLENE WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 12 MIDNIGHT AST AND A BULLETIN WILL BE ISSUED AT 9 PM AST.

DAVIS

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 9 PM AST AUGUST 4 1963.

TROPICAL STORM ARLENE HAS CONTINUED TO WEAKEN DURING THE EVENING. ITS VERY DIFFUSE CENTER APPEARS TO BE LOCATED AT 9 PM AST NEAR LATITUDE 19.4 N LONGITUDE 63.0 W OR APPROXIMATELY 210 STATUTE MILES EAST NORTHEAST OF SAN JUAN PUERTO RICO. IT HAS TAKEN A SLIGHTLY MORE NORTHERLY COURSE AND NOW APPEARS TO BE MOVING TOWARD THE NORTHWEST ABOUT 15 MILES PER HOUR. HIGHEST WINDS ARE ESTIMATED TO BE ABOUT 40 MPH IN SQUALLS MOSTLY IN THE NORTHEAST SEMICIRCLE. INDICATIONS ARE THAT NO REINTENSIFICATION IS LIKELY TO OCCUR IN THE NEXT 12 TO 24 HOURS.

THERE IS NO LONGER ANY THREAT TO CARIBBEAN LAND AREAS. ALL WARNINGS HAVE BEEN DISCONTINUED. SMALL CRAFT MAY OPERATE SAFELY FROM ALL CARIBBEAN HARBORS.

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

DAVIS

SAN JUAN WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 11 ARLENE 12 MIDNIGHT AST AUGUST 5 1963.

TROPICAL STORM ARLENE CONTINUED TO WEAKEN DURING THE EVENING AND AT 12 MIDNIGHT AST...0400Z...HAD BECOME ALMOST COMPLETELY DISORGANIZED. IT IS NOW A WEAK ELONGATED LOW PRESSURE AREA ASSOCIATED WITH AN EASTERLY WAVE. THE EASTERLY WAVE IS JUST WEST OF ST. MAARTEN IN THE LEEWARD ISLANDS. IT IS ORIENTED NNE/SSW AND IS MOVING WESTWARD ABOUT 14 MPH. SCATTERED SHOWERS ARE ASSOCIATED WITH THE EASTERLY WAVE FROM LATITUDES 16 N TO 22 N. HIGHEST WINDS IN THE VICINITY OF THE SHOWERS ARE NOT EXPECTED TO EXCEED 25 TO 30 MPH. REGENERATION OF THE STORM IS NOT PROBABLE.

THIS IS THE FINAL ADVISORY TO BE ISSUED.

DAVIS

MIAMI WEATHER BUREAU BULLETIN 10 AM EST AUGUST 5 1963.

THE TROPICAL DISTURBANCE WHICH IS THE REMNANT OF FORMER HURRICANE ARLENE IS LOCATED AT 8 AM EST IN APPROXIMATELY LATITUDE 21 N LONGITUDE 65 W MOVING BETWEEN WEST NORTHWEST AND NORTHWEST AT 12 MPH. THIS IS ABOUT 185 MILES NORTH OF SAN JUAN PUERTO RICO. NO FURTHER DECREASE IN INTENSITY HAS OCCURRED DURING THE NIGHT. THE RECONNAISSANCE PLANE THIS MORNING REPORTS A MINIMUM PRESSURE OF 1011 MBS OR 29.86 INCHES. SQUALLS OF 30 TO 40 MPH OCCASIONALLY UP TO 50 MPH EXTEND OUTWARD 200 TO 250 MILES IN EASTERN SEMICIRCLE.

CONDITIONS ARE APPARENTLY BECOMING SOMEWHAT MORE FAVORABLE FOR REINTENSIFICATION. THE STORM WILL BE INVESTIGATED THIS AFTERNOON AND ADVISORIES RESUMED IF WARRANTED.

SMALL BOATS IN THE PATH OF THIS STORM SHOULD EXERCISE CAUTION.

DUNN

MIAMI WEATHER BUREAU TROPICAL DISTURBANCE BULLETIN 5 PM EST AUGUST 5 1963.

THE NORTHEASTERN QUADRANT OF THE TROPICAL DISTURBANCE HAS NOT BEEN THOROUGHLY INVESTIGATED THIS AFTERNOON. HOWEVER ON THE BASIS OF AIRCRAFT AND SHIP REPORTS THE DISTURBANCE WHICH IS THE REMNANT OF FORMER HURRICANE ARLENE WAS LOCATED AT 1 PM EST IN APPROXIMATELY LATITUDE 22.7 N LONGITUDE 65.2 W MOVING NORTH NORTHWESTWARD AT 14 MPH. THIS POSITION IS ABOUT 280 MILES NORTH OF SAN JUAN PUERTO RICO. THERE HAS BEEN NO CHANGE OF INTENSIFICATION DURING THE DAY WITH MINIMUM PRESSURE OF 1010 MILLIBARS OF 29.83 INCHES. SQUALLS OF 30 TO 40 MPH OCCASIONALLY UP TO 50 MPH EXTEND OUTWARD 200 TO 250 MILES IN THE EASTERN SEMICIRCLE.

WITH RISING PRESSURE NORTH OF THE STORM SOME REINTENSIFICATION AND A TURN TOWARD A MORE WESTWARD DIRECTION IS POSSIBLE. IT WILL BE CHECKED AGAIN TUESDAY MORNING AND ADVISORIES RESUMED IF WARRANTED.

SMALL BOATS IN THE PATH OF THE STORM SHOULD EXERCISE CAUTION.

DUNN

MIAMI WEATHER BUREAU BULLETIN 11 AM EST TUESDAY 6 AUGUST 1963.

THE CENTER OF THE DEPRESSION WHICH IS THE REMNANT OF FORMER HURRICANE ARLENE WAS LOCATED AT 0700E IN APPROXIMATELY LATITUDE 24 NORTH LONGITUDE 68 WEST WHICH IS ABOUT 350 STATUTE MILES NORTH OF MONA PASSAGE. IT HAS WEAKENED SOME DURING THE NIGHT AND HIGHEST WINDS ARE NOW 35 MPH IN SCATTERED SQUALLS IN THE NORTHEASTERN SEMICIRCLE. IT IS DRIFTING NORTHWESTWARD ABOUT 14 MPH.

THE DEPRESSION WILL BE KEPT UNDER SURVEILLANCE BUT NO FURTHER BULLETINS WILL BE ISSUED UNLESS REINTENSIFICATION OCCURS.

DUNN

WEATHER BUREAU MIAMI 1030 EST 7 AUGUST 1963.

WEATHER OUTLOOK FOR TROPICAL ATLANTIC WEST OF LONGITUDE 60 CARIBBEAN SEA AND GULF OF MEXICO.

REMNANTS OF ARLENE WERE ABOUT MIDWAY BETWEEN THE BAHAMAS AND BERMUDA THIS MORNING AND MOVING NORTHWARD. EASTERLY WAVE IN THE SOUTHWEST GULF OF MEXICO WAS MOVING TOWARD THE WEST. BOTH ARE ATTENDED BY NUMEROUS SHOWERS AND GUSTY WINDS. CONDITIONS CONTINUE UNFAVORABLE FOR ANY APPRECIABLE DEVELOPMENT THROUGH THURSDAY.

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 12 ARLENE 12 MIDNIGHT EST AUGUST 8 1963.

ARLENE HAS REGENERATED AND IS NOW A TROPICAL STORM. SHIPPING REPORTS THIS EVENING SHOW WINDS OF 50 TO 60 MPH IN SQUALLS HAVE DEVELOPED OVER A SMALL AREA EAST OF THE CENTER. AT 12 MIDNIGHT EST...0500Z...ARLENE IS ESTIMATED TO BE CENTERED NEAR LATITUDE 29.0 NORTH LONGITUDE 70.0 WEST OR ABOUT 380 STATUTE MILES SOUTHWEST OF BERMUDA. THE STORM IS MOVING TOWARDS THE NORTH NORTHEAST NEAR 14 MPH.

ARLENE IS FORECAST ON A GRADUALLY CURVING TRACK TOWARDS THE NORTHEAST WITH SOME ACCELERATION DURING THE NEXT 12 TO 24 HOURS. THE FORECAST TRACK AND SPEED WOULD INDICATE WINDS ARE EXPECTED TO INCREASE TO GALE FORCE IN THE BERMUDA AREA DURING THURSDAY.

HIGHEST WINDS ARE 50 TO 60 MPH IN SQUALLS OVER A SMALL AREA EAST OF THE CENTER WITH GALE FORCE WINDS EXTENDING 150 MILES NORTH AND EAST OF THE CENTER.

RECONNAISSANCE AIRCRAFT WILL BE IN THE AREA SOON AFTER DAYLIGHT FOR A MORE DETAILED REPORT OF THE STORMS WIND FIELD AND INTENSITY.

SMALL CRAFT IN THE BERMUDA AREA SHOULD SEEK SAFE HARBOR OR REMAIN IN PORT. SHIPPING IN THE PATH OF ARLENE SHOULD EXERCISE CAUTION.

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

CLARK

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY 13 ARLENE 5 AM EST AUGUST 8 1963.

SHIP REPORTS IN THE VICINITY OF ARLENE DURING THE NIGHT INDICATE THAT THERE HAS BEEN NO FURTHER INTENSIFICATION OF THE STORM. AT 5 AM EST...1000Z...THE CENTER WAS ESTIMATED NEAR LATITUDE 29.5 N LONGITUDE 70.0 W OR ABOUT 360 MILES SOUTHWEST OF BERMUDA MOVING NORTHWARD NEAR 10 MPH.

HIGHEST WINDS ARE 50 TO 60 MPH MAINLY IN SQUALLS EXTENDING ABOUT 150 MILES TO THE NORTH AND EAST OF THE CENTER.

ARLENE IS EXPECTED TO MOVE TOWARDS THE NORTH NORTHEAST AROUND 15 MPH TODAY AND TOWARDS THE NORTHEAST WITH SOME ACCELERATION TONIGHT. THIS FORECAST TRACK WOULD INDICATE THAT SOME GALES MAINLY IN SQUALLS WILL OCCUR AT BERMUDA LATE TODAY OR TONIGHT. IT IS NOT LIKELY THAT FURTHER INTENSIFICATION OR ANY INCREASE IN SIZE WILL TAKE PLACE TODAY. MILITARY AIRCRAFT WILL BE IN THE AREA EARLY TODAY FOR A MORE DETAILED REPORT OF THE STORMS WIND FIELD AND ANY CHANGE IN INTENSITY.

SMALL CRAFT IN THE BERMUDA AREA SHOULD REMAIN IN PORT AND SEEK SAFE HARBOR AND 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 14 ARLENE 11 AM EST AUGUST 8 1963.

SHIP REPORTS AND AIRCRAFT RECONNAISSANCE INDICATE THAT ARLENE HAS SHOWN LITTLE MOVEMENT DURING THE PAST FEW HOURS WHILE REGAINING HURRICANE INTENSITY. AT 11 AM EST...1600Z...THE CENTER WAS LOCATED NEAR LATITUDE 28.9 NORTH LONGITUDE 69.3 WEST. THIS POSITION IS ABOUT 350 STATUTE MILES SOUTHWEST OF BERMUDA AND 675 MILES EAST OF DAYTONA BEACH FLORIDA. IT IS MOVING TOWARD THE NORTHEAST AT ABOUT 6 MPH.

HIGHEST WINDS ARE 75 MPH NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 150 MILES FROM THE CENTER IN ALL DIRECTIONS.

THE HURRICANE IS EXPECTED TO INCREASE ITS FORWARD MOVEMENT TO ABOUT 12 MPH TOWARDS THE NORTHEAST THE NEXT 12 HOURS. THE EXPECTED MOVEMENT THEREAFTER WOULD BRING THE CENTER NEAR BUT PROBABLY A LITTLE TO THE NORTHWEST OF BERMUDA FRIDAY MORNING. A SLIGHT INCREASE IN SIZE AND INTENSITY IS INDICATED.

SMALL CRAFT AROUND BERMUDA SHOULD REMAIN IN SAFE HARBOR AND SHIPPING SHOULD EXERCISE CAUTION.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ARLENE BULLETIN FOR PRESS RADIO AND TELEVISION 2 PM EST AUGUST 8 1963.

HURRICANE ARLENE IS CONTINUING TO MOVE TOWARD THE NORTHEAST AT ABOUT 10 MPH AND AT 2 PM EST WAS CENTERED NEAR LATITUDE 29.3 NORTH LONGITUDE 68.9 WEST. THIS POSITION IS ABOUT 320 STATUTE MILES SOUTHWEST OF BERMUDA AND 700 MILES EAST OF DAYTONA BEACH FLORIDA. HIGHEST WINDS NEAR THE CENTER ARE APPROXIMATELY 75 MPH AND GALES EXTEND OUTWARD ABOUT 150 MILES FROM THE CENTER. THE HURRICANE HAS BEEN OBSERVED BY AIRCRAFT BY SURFACE SHIPS AND BY THE TIROS SATELLITE TODAY. THE LOWEST REPORTED SURFACE PRESSURE IS 988 MILLIBARS OR 29.20 INCHES.

ARLENE IS EXPECTED TO MAINTAIN ABOUT THE SAME INTENSITY WHILE INCREASING SLIGHTLY IN SIZE AS IT CONTINUES TOWARD THE NORTHEAST AT ABOUT 12 MPH TODAY AND EARLY TONIGHT. A GRADUAL INCREASE IN RATE OF FORWARD MOVEMENT IS INDICATED THEREAFTER.

THIS COURSE POSES NO THREAT TO COASTAL AREAS OF THE UNITED STATES. THE CENTER SHOULD PASS NEAR AND PROBABLY A LITTLE TO THE NORTHWEST OF BERMUDA FRIDAY MORNING. SMALL CRAFT AROUND BERMUDA HAVE BEEN ADVISED TO SEEK SAFE HARBOR AND SHIPPING HAS BEEN ALERTED TO USE CAUTION.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 15 ARLENE 5 PM AUGUST 8 1963.

AIRCRAFT RECONNAISSANCE THIS AFTERNOON INDICATE THAT HURRICANE ARLENE HAS MOVED LITTLE TODAY. AT 5 PM EST...2200Z...ARLENE WAS CENTERED NEAR LATITUDE 29.0 N LONGITUDE 69.0 W OR ABOUT 330 MILES SOUTHWEST OF BERMUDA AND 700 MILES EAST OF DAYTONA BEACH.

HIGHEST WINDS ARE ESTIMATED 75 MPH NEAR THE CENTER AND GALES EXTEND OUT ABOUT 150 MILES FROM THE CENTER.

INDICATIONS ARE FOR A SLOW NORTHEASTWARD MOVEMENT TO BEGIN TONIGHT AND SPEED UP SOME FRIDAY. IF THIS TREND IS BORNE OUT GALES WILL BEGIN IN BERMUDA FRIDAY MORNING AND THE CENTER PASS NEAR THERE FRIDAY AFTERNOON. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED.

SMALL CRAFT AROUND BERMUDA SHOULD REMAIN IN SAFE HARBOR AND SHIPPING EXERCISE CAUTION.

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

KRAFT

MIAMI WEATHER BUREAU HURRICANE ARLENE BULLETIN FOR PRESS RADIO AND TELEVISION 8 PM EST AUGUST 8 1963.

HURRICANE ARLENE HAS BEEN OBSERVED BY A NUMBER OF COMMERCIAL AIRCRAFT ON THE NEW YORK SAN JUAN ROUTE TODAY AS WELL AS BY A BERMUDA BASED AIR FORCE HURRICANE RECONNAISSANCE PLANE WHICH HAS PENETRATED THE STORM SEVERAL TIMES DURING THE DAY. THESE REPORTS INDICATED ARLENE IS STILL ON A NORTHEAST COURSE AND HAS APPARENTLY GRADUALLY BEGUN TO PICK UP SPEED DURING THE PAST FEW HOURS.

AT 8 PM EST THE HURRICANE CENTER WAS ESTIMATED AT LATITUDE 29.5 N AND LONGITUDE 68.4 W MOVING NORTHEASTWARD AT 8 MPH OR A LITTLE FASTER. THIS POSITION IS 280 STATUTE MILES SOUTHWEST OF BERMUDA AND 740 MILES EAST OF DAYTONA BEACH.

CENTRAL PRESSURE HAS DROPPED DURING THE DAY TO 981 MB OR 28.97 INCHES. THE HURRICANE HUNTER PLANE REPORTS THAT WINDS HAVE INCREASED SIGNIFICANTLY DURING THE DAY AND MAY BE AS MUCH AS 85 MPH IN HEAVIEST SQUALLS IN THE EASTERN SEMICIRCLE. HOWEVER NO IMPORTANT FURTHER INTENSIFICATION IS INDICATED.

ARLENE POSES NO THREAT TO THE UNITED STATES MAINLAND BUT SHOULD GRADUALLY ACCELERATE AND PASS CLOSE TO BERMUDA DURING FRIDAY. SMALL CRAFT WITHIN A 250 MILE RADIUS OF BERMUDA SHOULD SEEK SAFE SHELTER IMMEDIATELY OR MOVE AWAY FROM THE STORM AREA. ALL SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

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

DUNN

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 16 ARLENE 11 PM EST AUGUST 8 1963.

ON THE BASIS OF AIRCRAFT RECONNAISSANCE AND SHIP REPORTS HURRICANE ARLENE WAS LOCATED AT 11 PM EST...0400Z...NEAR LATITUDE 29.4 N AND LONGITUDE 68.2 W. THIS POSITION IS ABOUT 275 STATUTE MILES SOUTHWEST OF BERMUDA AND 740 MILES EAST OF DAYTONA BEACH FLORIDA. IT IS MOVING NORTHEASTWARD AT 9 MPH.

HIGHEST WINDS ARE 75 MPH NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 150 MILES FROM THE CENTER IN ALL DIRECTIONS.

THE HURRICANE IS EXPECTED TO INCREASE GRADUALLY ITS FORWARD SPEED DURING THE NEXT 24 HOURS WITH NO INCREASE IN INTENSITY. PRESENT INDICATIONS ARE THAT WINDS SHOULD BEGIN INCREASING IN THE VICINITY OF BERMUDA AROUND MIDDAY FRIDAY WITH THE CENTER PASSING RATHER CLOSE TO BERMUDA LATE FRIDAY.

CENTRAL PRESSURE LATE THIS AFTERNOON WAS 981 MB OR 28.97 INCHES.

ARLENE POSES NO THREAT TO THE MAINLAND OF THE UNITED STATES.

SMALL CRAFT WITHIN A 250 MILE RADIUS OF BERMUDA SHOULD SEEK SAFE SHELTER IMMEDIATELY OR MOVE AWAY FROM THE STORM AREA. ALL SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY ON HURRICANE ARLENE WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 AM EST FRIDAY.

DUNN

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 17 ARLENE 5 AM EST AUGUST 9 1963.

AIRCRAFT RECONNAISSANCE INDICATE THAT HURRICANE ARLENE HAS NOT CHANGED IN SIZE OR INTENSITY DURING THE NIGHT BUT IS MOVING AT A FASTER SPEED TOWARD BERMUDA. AT 5 AM EST...1000Z...ARLENE WAS CENTERED AT LATITUDE 30.7 N LONGITUDE 67.0 W OR ABOUT 170 MILES SOUTHWEST OF BERMUDA MOVING TOWARD THE NORTHEAST OF 12 MPH.

HIGHEST WINDS ARE 75 MPH NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 150 MILES FROM THE CENTER IN ALL DIRECTIONS.

THE HURRICANE IS FORECAST TO MOVE TOWARD THE NORTHEAST WITH NO CHANGE IN SIZE OR INTENSITY BUT WITH A GRADUAL INCREASE IN FORWARD SPEED TODAY AND TONIGHT WITH THE CENTER PASSING CLOSE TO BERMUDA LATE TODAY. SOME GALES WITH SQUALLS AT BERMUDA TODAY WITH HURRICANE FORCE WINDS OF SHORT DURATION LIKELY LATE TODAY.

SMALL CRAFT IN THE VICINITY OF BERMUDA SHOULD REMAIN IN SAFE HARBOR AND ALL VESSELS IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

ARLENE POSES NO THREAT TO THE MAINLAND OF THE UNITED STATES.

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

SUGG

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 18 ARLENE 930 AM EST 9 AUGUST 1963.

HURRICANE ARLENE HAS BEEN UNDER SURVEILLANCE BY AIR FORCE AND NAVY AIRCRAFT AND BY LAND BASED RADAR AT BERMUDA THIS MORNING AS IT APPROACHES THAT ISLAND. ARLENE IS NOW SHOWING A CONSIDERABLY HIGHER RATE OF FORWARD MOVEMENT AND BERMUDA IS ALREADY EXPERIENCING SQUALLS ON THE FRINGE OF THE HURRICANE. WINDS WILL INCREASE RAPIDLY PROBABLY REACHING HURRICANE FORCE BY NOON TODAY. AT 930 AM EST 1430Z THE HURRICANE WAS CENTERED NEAR LATITUDE 31.8 NORTH LONGITUDE 65.4 WEST OR ABOUT 50 MILES SOUTHWEST OF BERMUDA MOVING TOWARD THE NORTHEAST AT ABOUT 22 MPH.

HIGHEST WINDS ARE ESTIMATED 75 MPH OVER A VERY SMALL AREA AROUND THE CENTER AND GALES EXTEND OUTWARD ABOUT 150 MILES IN ALL DIRECTIONS.

THE PRESENT INDICATED MOVEMENT WOULD TAKE THE CENTER OVER OR VERY NEAR BERMUDA BY NOON TODAY. THE FORECAST IS FOR CONTINUED MOVEMENT TOWARD THE NORTHEAST AT ABOUT 22 MPH TODAY AND EARLY TONIGHT.

ALL PRECAUTIONARY MEASURES AT BERMUDA SHOULD BE RUSHED TO COMPLETION. SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION. THE HURRICANE IS NO THREAT TO THE UNITED STATES.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 19 ARLENE 11 AM EST FRIDAY 9 AUGUST 1963.

HURRICANE ARLENE WAS CENTERED VERY NEAR BERMUDA AT ABOUT LATITUDE 32.1 NORTH LONGITUDE 64.8 WEST AT 11 AM EST...1600Z...MOVING TOWARD THE NORTHEAST AT ABOUT 22 MPH. MAXIMUM WINDS ARE ESTIMATED 80 MPH OVER A SMALL AREA NEAR THE CENTER WITH GALES EXTENDING OUTWARD 150 MILES FROM THE CENTER IN ALL DIRECTIONS. REPORTS JUST PRIOR TO ADVISORY TIME INDICATE THAT THE RING OF MAXIMUM WINDS ENCIRCLING THE EYE IS PASSING OVER BERMUDA. GUSTS TO 80 MPH OR HIGHER HAVE ALREADY BEEN OBSERVED THERE. IN VIEW OF THE RELATIVELY SMALL SIZE OF THE STORM AND FAIRLY RAPID MOVEMENT WINDS WILL BEGIN TO DECREASE AT BERMUDA LATER THIS AFTERNOON. ARLENE IS FORECAST TO CONTINUE TOWARD THE NORTHEAST AT ABOUT 22 MPH TODAY AND TONIGHT. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION. THE STORM IS NOT A THREAT TO THE UNITED STATES COAST.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ARLENE BULLETIN FOR PRESS RADIO AND TELEVISION 2 PM EST FRIDAY 9 AUGUST 1963.

THE NORTHERN PORTION OF THE EYE OF HURRICANE ARLENE PASSED OVER THE ISLAND OF BERMUDA AROUND 11 AM EST. SHORTLY BEFORE ENTERING THE EYE KINDLEY AIR FORCE BASE REPORTED GUSTS TO 98 MPH WITH THE MAXIMUM SUSTAINED WIND OF 76 MPH OCCURRING SHORTLY AFTER ENTERING THE BACK SIDE OF THE HURRICANE. LOWEST PRESSURE REPORTED AT THE BASE WAS 974.5 MILLIBARS OR 28.78 INCHES.

AT 2 PM EST ARLENE WAS LOCATED BY BERMUDA RADAR NEAR LATITUDE 33.0 NORTH LONGITUDE 63.5 WEST OR ABOUT 75 MILES NORTHEAST OF BERMUDA MOVING TOWARDS THE NORTHEAST AT 22 MPH. MAXIMUM WINDS ARE ABOUT 80 MPH OVER A SMALL AREA NEAR THE CENTER WITH GALES EXTENDING OUTWARD 150 MILES IN ALL DIRECTIONS FROM THE CENTER.

DUE TO SMALL SIZE OF ARLENE AND THE RATHER RAPID MOVEMENT WINDS ARE EXPECTED TO DIMINISH IN THE BERMUDA AREA WITH GALE WINDS ENDING BY NIGHT. THE HURRICANE IS EXPECTED TO CONTINUE ON A NORTHEASTWARD COURSE AT ABOUT THE SAME SPEED THIS AFTERNOON AND TONIGHT WITH LITTLE CHANGE IN SIZE OR INTENSITY.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD CONTINUE TO EXERCISE CAUTION. THE STORM IS NOT A THREAT TO THE UNITED STATES COAST.

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

CLARK

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 20 ARLENE 5 PM EST FRIDAY AUGUST 9 1963.

REPORTS FROM AIRCRAFT RECONNAISSANCE AND KINDLEY AIR FORCE BASE RADAR LOCATE HURRICANE ARLENES CENTER AT 5 PM EST...2200Z... NEAR LATITUDE 33.7 NORTH LONGITUDE 62.5 WEST OR ABOUT 190 STATUTE MILES NORTHEAST OF BERMUDA. MOVEMENT CONTINUES TOWARD THE NORTH EAST OF A SPEED NOW AROUND 25 MPH.

REPORTS FROM THE AIRCRAFT INDICATE SOME FURTHER DEEPENING HAS OCCURRED DURING THE AFTERNOON WITH LOWEST PRESSURE 970 MB OR 28.65 INCHES AND MAXIMUM WINDS ESTIMATED 90 MPH OVER A SMALL AREA NEAR THE CENTER. GALES EXTEND OUTWARD SOME 150 MILES IN ALL DIRECTIONS FROM THE CENTER. GALES HAVE NOW ENDED IN THE BERMUDA AREA.

HURRICANE ARLENE IS FORECAST TO CONTINUE ON A GENERAL NORTH EASTERLY COURSE NEAR 25 MPH DURING THE NEXT 12 TO 24 HOURS. SOME LOSS OF INTENSITY IS LIKELY BY TOMORROW AS THE STORM MOVES OVER COOLER WATER AND BEGINS TO BRING DRIER AIR INTO ITS CIRCULATION.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

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

CLARK

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 21 ARLENE 11 PM EST AUGUST 9 1963.

REPORTS FROM AIRCRAFT RECONNAISSANCE AND SHIPS FORM A BASIS FOR ESTIMATING HURRICANE ARLENE CENTER AT 11 PM EST...0400Z... NEAR LATITUDE 36.2 N LONGITUDE 60.0 W OR ABOUT 380 STATUE MILES NORTHEAST OF BERMUDA. THE HURRICANE WAS MOVING TOWARD THE NORTHEAST AT ABOUT 30 MPH. IT IS EXPECTED TO CONTINUE IN THE SAME DIRECTION AND AT THE SAME SPEED DURING THE NEXT 12 TO 24 HOURS.

THE HIGHEST WINDS RANGE FROM 75 TO 100 MPH NEAR THE CENTER AND GALE WINDS EXTEND OUTWARD 150 MILES IN ALL DIRECTIONS FROM THE CENTER. THE HIGHEST WINDS ARE EXPECTED TO DECREASE DURING THE NEXT 24 HOURS AS THE HURRICANE MOVES OVER COLDER WATER AND BEGINS TO LOSE ITS TROPICAL CHARACTERISTICS. THE AREA OF GALE WINDS MAY EXTEND OUT SOME FARTHER TO THE SOUTH AND EAST AFTER 12 TO 24 HOURS.

THE STORM PRESENTS NO IMMEDIATE THREAT TO ANY LAND AREA BUT SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

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

E HOOVER

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 22 ARLENE 5 AM EST AUGUST 10 1963.

FEW REPORTS HAVE BEEN RECEIVED FROM THE VICINITY OF HURRICANE ARLENE DURING THE NIGHT BUT BASED ON REPORTS FROM RECONNAISSANCE AIRCRAFT AND SHIPS DURING THE EVENING HOURS THE CENTER WAS ESTIMATED AT 5 AM EST...1000Z...NEAR LATITUDE 38.0 N LONGITUDE 58.5 W OR ABOUT 650 STATUTE MILES SOUTH OF THE NEWFOUNDLAND COAST. THE HURRICANE WAS MOVING TOWARD THE NORTHEAST AT ABOUT 30 MPH. IT IS EXPECTED TO CONTINUE IN ABOUT THE SAME DIRECTION AND AT THE SAME SPEED DURING THE NEXT 24 HOURS.

THE HIGHEST WINDS RANGE FROM 75 TO 100 MPH NEAR THE CENTER AND GALE WINDS EXTEND OUTWARD 150 MILES TO THE WEST AND NORTH AND 200 MILES TO THE SOUTH AND EAST OF THE CENTER. THE HIGHEST WINDS ARE EXPECTED TO DECREASE DURING THE NEXT 12 TO 24 HOURS AS THE HURRICANE MOVES OVER COLDER WATER AND BEGINS TO LOSE ITS TROPICAL CHARACTERISTICS. THE AREA OF GALE WINDS SHOULD REMAIN ABOUT THE SAME OR EXTEND FARTHER OUT TO THE EAST AND SOUTH AFTER 12 HOURS.

THE HURRICANE IS NOT EXPECTED TO THREATEN ANY LAND AREA TODAY BUT WILL BE CLOSE TO SOUTHEAST NEWFOUNDLAND TONIGHT. SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

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

E HOOVER

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 23 ARLENE 11 AM EST AUGUST 10 1963.

ON THE BASIS OF AIRCRAFT RECONNAISSANCE HURRICANE ARLENE WAS LOCATED AT 11 AM EST...1600Z...NEAR LATITUDE 39.2 N AND LONGITUDE 54.3 W. THIS POSITION IS ABOUT 500 MILES SOUTH OF THE NEWFOUNDLAND COAST. THE HURRICANE IS MOVING TOWARDS THE NORTHEAST ABOUT 30 MPH AND IT IS EXPECTED TO MAINTAIN ABOUT THE SAME DIRECTION AND SPEED DURING THE NEXT 24 HOURS.

HIGHEST WINDS ARE ABOUT 85 MPH NEAR THE CENTER AND GALES EXTEND OUTWARD 150 TO 200 MILES TO THE EAST AND ABOUT 100 MILES TO THE WEST. THE HIGHEST WINDS ARE EXPECTED TO DECREASE DURING THE NEXT 12 HOURS AS THE HURRICANE MOVES OVER COLDER WATER AND LOSES ITS TROPICAL CHARACTERISTICS. THE AREA OF GALE WINDS SHOULD REMAIN ABOUT THE SAME DURING THE NEXT 12 HOURS. THE HURRICANE IS NOT EXPECTED TO THREATEN ANY LAND AREAS DURING THE NEXT 24 HOURS.

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

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

SCHMIDT

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 24 ARLENE 5 PM EST AUGUST 10 1963.

REPORTS FROM AIRCRAFT RECONNAISSANCE LOCATE HURRICANE ARLENE AT 5 PM EST...2200Z...NEAR LATITUDE 41.5 N AND LONGITUDE 52.6 W. THIS POSITION IS ABOUT 350 STATUTE MILES SOUTH OF CAPE RACE NEWFOUNDLAND. THE HURRICANE IS MOVING TOWARDS THE NORTHEAST ABOUT 30 MPH AND IT IS EXPECTED TO MAINTAIN ABOUT THE SAME DIRECTION DURING THE NEXT 12 TO 24 HOURS AND THE FORWARD SPEED MAY INCREASE SLIGHTLY. HIGHEST WINDS ARE ABOUT 85 MPH NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 200 MILES TO THE EAST AND ABOUT 100 MILES TO THE WEST.

THE EYE OF THE HURRICANE IS BECOMING DIFFUSE AND THE STORM IS EXPECTED TO LOSE ITS TROPICAL CHARACTERISTICS RATHER RAPIDLY DURING THE NEXT 6 TO 12 HOURS AS IT MOVES OVER COLDER WATER. THE HIGHEST WINDS WILL DECREASE DURING THE NEXT 12 HOURS BUT THE AREA OF GALE WINDS SHOULD REMAIN ABOUT THE SAME.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

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

SCHMIDT

WASHINGTON WEATHER BUREAU STORM ADVISORY NUMBER 25 ARLENE 11 PM EST AUGUST 10 1963.

BASED ON REPORTS FROM SHIPS AND NEWFOUNDLAND WEATHER STATIONS THE REMAINS OF HURRICANE ARLENE WERE ESTIMATED AT 11 PM EST... 0400Z...NEAR LATITUDE 44.8 N LONGITUDE 51.0 W OR ABOUT 150 STATUTE MILES SOUTHEAST OF CAPE RACE NEWFOUNDLAND. THE STORM WAS MOVING TOWARD THE NORTH NORTHEAST AT ABOUT 30 MPH AND MERGING WITH ANOTHER STORM OVER SOUTHEASTERN NEWFOUNDLAND AREA. THE MOVEMENT MAY BE IRREGULAR AS THE TWO CENTERS MERGE TONIGHT BUT GENERALLY NORTHEAST COURSE AT ABOUT THE SAME SPEED IS FORECAST FOR THE NEXT 24 HOURS.

THE HIGHEST WINDS ARE ESTIMATED AROUND 70 MPH NEAR THE CENTER AND GALE WINDS EXTEND 100 MILES IN THE WESTERN QUADRANT AND 400 MILES IN THE EASTERN QUADRANT. THE HIGHEST WINDS SHOULD CONTINUE TO DECREASE NEAR THE CENTER BUT THE AREA OF GALE FORCE WINDS MAY CONTINUE TO EXPAND OUTWARD DURING THE NEXT 24 HOURS.

THIS WILL STILL BE A SEVERE STORM IN THE NORTH ATLANTIC AND SHIPPING SHOULD CONTINUE TO EXERCISE CAUTION.

SINCE THIS STORM PRESENTS NO FURTHER THREAT TO ANY U. S. LAND AREA AND HAS LOST ITS TROPICAL CHARACTERISTICS THIS WILL BE THE LAST PUBLIC ADVISORY. FURTHER ADVICES ON THIS STORM WILL BE INCLUDED IN THE MARINE BULLETIN ISSUED FROM WASHINGTON FOR BROADCAST OVER NSS AT 6 HOURLY INTERVALS.

E HOOVER