

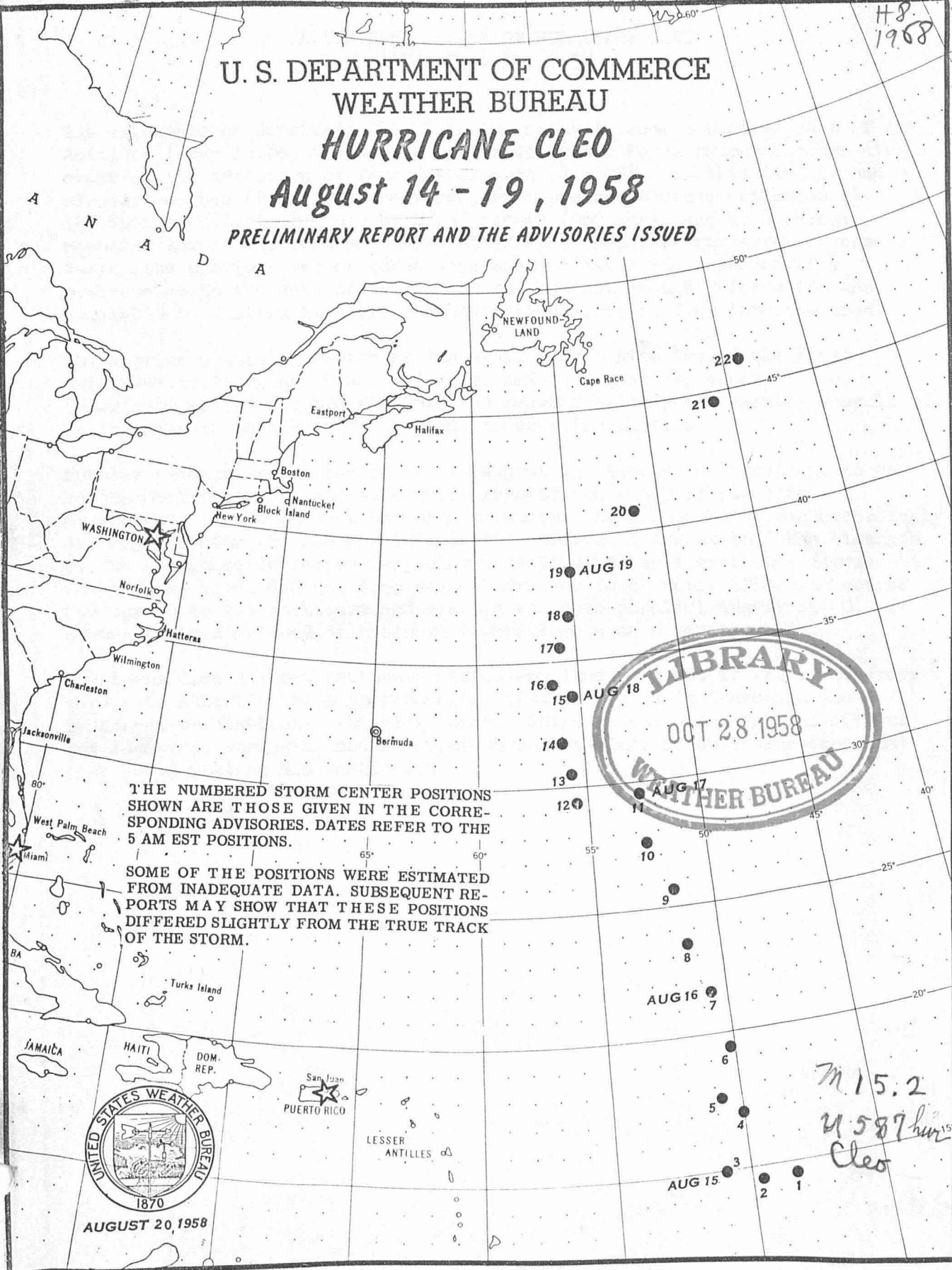
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U.S. Weather Bureau.
Hurricane Cleo, August 14-19, 1958.

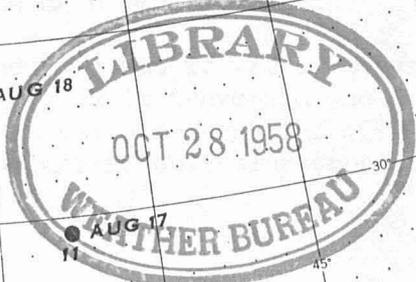
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1958

U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
HURRICANE CLEO
August 14 - 19, 1958
PRELIMINARY REPORT AND THE ADVISORIES ISSUED



THE NUMBERED STORM CENTER POSITIONS SHOWN ARE THOSE GIVEN IN THE CORRESPONDING ADVISORIES. DATES REFER TO THE 5 AM EST POSITIONS.

SOME OF THE POSITIONS WERE ESTIMATED FROM INADEQUATE DATA. SUBSEQUENT REPORTS MAY SHOW THAT THESE POSITIONS DIFFERED SLIGHTLY FROM THE TRUE TRACK OF THE STORM.



AUGUST 20, 1958

M 15.2
21587 hr¹⁵
Cleo

**National Oceanic and Atmospheric Administration
Weather Bureau Hurricane Series**

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November 6, 2007

PRELIMINARY REPORT ON HURRICANE CLEO
AUGUST 14-19, 1958

The existence of Hurricane "Cleo" in the Atlantic some 900 miles east of the Antilles (near 14.6N, 47.1W) was confirmed by Air Force reconnaissance aircraft in the afternoon of Thursday, August 14, 1958. By this time it had already reached full hurricane force, with strongest winds estimated at 145 mph, a central pressure of 28.35 inches (960 mbs), and an apparent movement toward the west northwest at 17 mph. Reports from surface vessels during the previous two or three days had indicated the presence of a disturbance to the east of this location, but not enough information was available to confirm it until reconnaissance aircraft flew into the area.

The hurricane warning center at San Juan, Puerto Rico issued the first hurricane advisory on "Cleo" at 6 p.m. AST on August 14, announcing a "Hurricane Watch" for the Windward and Leeward Islands and warning vessels in the path of this severe hurricane to exercise caution.

Further reconnaissance the next day (August 15) showed the hurricane to be moving northwestward, and subsequent reports and analysis indicated persistence of a northwest to north movement. Hurricane Watch was accordingly discontinued for the Leeward Islands the morning of August 16. The strength of the hurricane decreased very slowly as it moved on a northerly course but the highest winds did not drop below hurricane force until after its course had curved to the northeast and crossed the 45th parallel August 19-20. It subsequently continued on eastward toward Europe as a severe storm.

Hurricane Cleo did not seriously affect any land area but it was a dangerous threat to Atlantic shipping throughout its history as it traversed the principal transatlantic shipping lanes. Ships at sea were kept informed of its location, strength, and movement through the marine bulletins broadcast over Radio Station NSS Washington.

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 1 CLEO 6 PM AST AUGUST 14 1958.

HURRICANE WATCH IS IN EFFECT FOR WINDWARD AND LEEWARD ISLANDS.

RECONNAISSANCE AIRCRAFT THIS AFTERNOON LOCATED HURRICANE CLEO IN THE ATLANTIC EAST OF THE LESSER ANTILLES AND AT 6 PM AST...2200Z...IT WAS CENTERED 900 MILES EAST OF MARTINIQUE FRENCH ANTILLES OR NEAR LATITUDE 14.6 NORTH LONGITUDE 48.3 WEST. IT APPEARS TO BE MOVING TOWARD THE WEST NORTHWEST AT ABOUT 17 MPH.

HIGHEST WINDS ARE ESTIMATED AT 145 MPH OVER A SMALL AREA NEAR THE CENTER. GALE FORCE WINDS EXTEND OUTWARD 200 MILES IN THE NORTHERN SEMICIRCLE AND 100 MILES IN THE SOUTHERN SEMICIRCLE. THE EYE WAS WELL DEFINED AND 15 MILES IN DIAMETER. LOWEST PRESSURE AT THE CENTER WAS 28.35 INCHES. THIS IS A SEVERE HURRICANE.

INDICATIONS ARE THAT CLEO WILL CONTINUE ITS MOVEMENT TOWARDS THE WEST NORTHWEST AT ABOUT THE SAME SPEED DURING THE NEXT 12 HOURS WITH AN INCREASE IN SIZE AND INTENSITY.

VESSELS IN THE PATH OF CLEO SHOULD EXERCISE EXTREME CAUTION AND SMALL CRAFT IN THE LEEWARD AND WINDWARD ISLANDS SHOULD REMAIN IN PORT.

THE NEXT ADVISORY ON HURRICANE CLEO WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU OFFICE AT MIDNIGHT AST...0400Z...

HIGGS WEATHER BUREAU SAN JUAN

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 2 CLEO MIDNIGHT AST AUGUST 14 1958.

HURRICANE WATCH CONTINUES IN EFFECT FOR THE WINDWARD AND LEEWARD ISLANDS.

NO REPORTS HAVE BEEN RECEIVED FROM THE VICINITY OF HURRICANE CLEO TONIGHT BUT AT MIDNIGHT AST...0400Z.. IT WAS ESTIMATED TO BE CENTERED 800 MILES EAST OF MARTINIQUE FRENCH ANTILLES OR NEAR LATITUDE 14.8 NORTH AND LONGITUDE 49.7 WEST. IT APPEARS TO BE MOVING TOWARD THE WEST NORTHWEST AT ABOUT 15 MPH.

HIGHEST WINDS ARE ESTIMATED AT 145 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND 75 MILES TO THE NORTH OF THE CENTER AND 25 MILES TO THE SOUTH. GALE WINDS EXTEND OUTWARD 200 MILES IN THE NORTHERN SEMICIRCLE AND 100 MILES IN THE SOUTHERN SEMICIRCLE. THIS IS A SEVERE HURRICANE.

HURRICANE CLEO IS EXPECTED TO CONTINUE MOVING TOWARD THE WEST NORTHWEST AT THE SAME SPEED FOR THE NEXT 12 HOURS WITH A SLIGHT INCREASE IN SIZE BUT LITTLE CHANGE IN INTENSITY.

VESSELS IN THE PATH OF CLEO SHOULD EXERCISE EXTREME CAUTION AND SMALL CRAFT IN THE LEEWARD AND WINDWARD ISLANDS SHOULD REMAIN IN PORT.

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

LEVINE WEATHER BUREAU SAN JUAN

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 3 CLEO 6 AM AST AUGUST 15 1958.

HURRICANE WATCH CONTINUES IN EFFECT FOR THE WINDWARD AND LEEWARD ISLANDS AND PEOPLE IN THAT AREA SHOULD KEEP IN TOUCH WITH LATEST ADVISORIES AND BULLETINS AND BE READY FOR QUICK ACTION IN CASE THE HURRICANE WATCH IS CHANGED TO HURRICANE WARNING.

NO REPORTS HAVE BEEN RECEIVED FROM THE VICINITY OF HURRICANE CLEO DURING THE NIGHT BUT AT 6 AM AST ...1000Z...IT IS ESTIMATED TO BE CENTERED ABOUT 700 MILES EAST OF MARTINIQUE FRENCH ANTILLES OR NEAR LATITUDE 15.0 NORTH AND LONGITUDE 51.0 WEST. IT APPEARS TO BE MOVING TOWARD THE WEST NORTHWEST AT ABOUT 15 MPH. THE HURRICANE IS EXPECTED TO CONTINUE MOVING TOWARD THE WEST NORTHWEST AT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 145 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND 75 MILES TO THE NORTH OF THE CENTER AND 50 MILES TO THE SOUTH WHILE GALE FORCE WINDS EXTEND OUTWARD 200 MILES IN THE NORTHERN SEMICIRCLE AND 100 MILES IN THE SOUTHERN SEMICIRCLE. THE HURRICANE IS EXPECTED TO MAINTAIN ITS PRESENT INTENSITY AND INCREASE SLIGHTLY IN SIZE DURING THE NEXT 12 HOURS.

THIS IS A SEVERE HURRICANE. SHIPS IN THE PATH OF CLEO SHOULD EXERCISE EXTREME CAUTION AND SMALL CRAFT IN THE WINDWARD AND LEEWARD ISLANDS SHOULD REMAIN IN PORT.

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

MILLER WEATHER BUREAU SAN JUAN

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION HURRICANE CLEO 10 AM AST...1400Z
AUGUST 15 1958.

HURRICANE RECONNAISSANCE AIRCRAFT ARE AGAIN FLYING IN THE AREA OF HURRICANE CLEO THIS MORNING. FROM AIRCRAFT AND A FEW VESSEL REPORTS RECEIVED CLEO APPEARS TO CONTINUE MOVING TOWARDS THE WEST NORTHWEST ABOUT 15 MPH AND IS ESTIMATED TO BE CENTERED ABOUT 625 MILES EAST OF MARTINIQUE FRENCH ANTILLES.

CLEO IS A DANGEROUS HURRICANE AND POSES A THREAT TO THE LEEWARD AND NORTHERN WINDWARD ISLANDS AT THIS TIME. A HURRICANE WATCH IS IN EFFECT FOR THIS AREA AND ALL INTERESTS ARE URGED TO STANDBY FOR LATER ADVISORIES AND BULLETINS TODAY AND A POSSIBLE HURRICANE WARNING THIS AFTERNOON. SMALL CRAFT IN THE HURRICANE WATCH AREA SHOULD REMAIN IN PORT.

AN ADVISORY WILL BE ISSUED AT 1200 NOON AST...1600Z TODAY.

HIGGS SAN JUAN WEATHER BUREAU

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 4 CLEO 12 NOON AST AUGUST 15 1958.

HURRICANE WATCH CONTINUES IN EFFECT FOR THE WINDWARD AND LEEWARD ISLANDS AND PEOPLE IN THAT AREA SHOULD KEEP IN TOUCH WITH LATEST ADVISORIES AND BULLETINS AND BE READY FOR QUICK ACTION IN CASE HURRICANE WATCH IS CHANGED TO HURRICANE WARNING.

RECONNAISSANCE AIRCRAFT PENETRATED THE EYE OF HURRICANE CLEO THIS MORNING AND IT APPEARS THAT THE HURRICANE MOVED NORTHWESTWARD DURING THE NIGHT FROM THE POSITION GIVEN IN ADVISORY NUMBER ONE YESTERDAY AFTERNOON. AT 12 NOON AST...1600Z... HURRICANE CLEO WAS CENTERED ABOUT 1000 MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO OR AT LATITUDE 17.0 NORTH LONGITUDE 50.0 WEST MOVING NORTHWESTWARD AT 12 MPH. IT IS EXPECTED TO MOVE TOWARDS THE WEST NORTHWEST AT 12 MPH DURING THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 145 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND 75 MILES TO THE NORTH OF THE CENTER AND 50 MILES TO THE SOUTH WHILE GALE FORCE WINDS EXTEND OUTWARD 200 MILES IN THE NORTHERN SEMICIRCLE AND 100 MILES IN THE SOUTHERN SEMICIRCLE. THE HURRICANE IS EXPECTED TO MAINTAIN ITS PRESENT INTENSITY AND INCREASE SLIGHTLY IN SIZE IN THE NEXT 12 HOURS.

THIS IS A SEVERE HURRICANE. SHIPS IN THE PATH OF CLEO SHOULD EXERCISE EXTREME CAUTION AND SMALL CRAFT IN THE WINDWARD AND LEEWARD ISLANDS SHOULD REMAIN IN PORT.

THE NEXT ADVISORY ON HURRICANE CLEO WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT 6 PM AST.

HOOSE WEATHER BUREAU SAN JUAN

SAN JUAN WEATHER BUREAU HURRICANE BULLETIN FOR PRESS RADIO AND TELEVISION 4 PM AST AUGUST 15 1958.

AT 4 PM TODAY HURRICANE CLEO APPEARS TO BE LOCATED ABOUT 1000 MILES EAST SOUTHEAST OF SAN JUAN PUERTO RICO MOVING TOWARD THE WEST NORTHWEST OR NORTHWEST AT ABOUT 12 MPH. IT HAS SLOWED DOWN IN ITS FORWARD SPEED BUT ITS INTENSITY CONTINUES UNABATED. MOVEMENT OF HURRICANE CLEO HAS BEEN ERRATIC FOR THE PAST 12 HOURS. ITS FUTURE DIRECTION AND FORWARD SPEED IS UNCERTAIN AT THE MOMENT SINCE IT IS EMBEDDED IN A DEEP TROUGH EXTENDING TO THE NORTHWARD.

A HURRICANE WATCH CONTINUES FOR THE LEEWARD AND WINDWARD ISLANDS AND SMALL CRAFT IN THIS AREA SHOULD REMAIN IN PORT.

HIGGS WEATHER BUREAU SAN JUAN

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 5 CLEO 6 PM AUGUST 15 1958.

HURRICANE WATCH CONTINUES IN EFFECT FOR THE WINDWARD AND LEEWARD ISLANDS AND PEOPLE IN THAT AREA SHOULD KEEP IN TOUCH WITH LATEST ADVISORIES AND BULLETINS.

INFORMATION RECEIVED FROM THE RECONNAISSANCE AIRCRAFT THIS AFTERNOON INDICATES THAT HURRICANE CLEO HAS WEAKENED SLIGHTLY IN INTENSITY AND AT 6 PM AST...2200Z...WAS CENTERED NEAR LATITUDE 17.6 NORTH LONGITUDE 50.9 WEST OR ABOUT 975 MILES EAST OF SAN JUAN PUERTO RICO MOVING WESTNORTHWESTWARD AT 12 MPH. INDICATIONS ARE THAT HURRICANE CLEO HAS COME UNDER THE INFLUENCE OF AN UPPER LEVEL TROUGH AND WILL CONTINUE MOVING IN A WESTNORTHWEST TRACK AT A SPEED OF 12 MPH DURING THE NEXT 6 TO 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 115 MPH OVER A SMALL AREA NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND 50 MILES IN ALL QUADRANTS. GALE FORCE WINDS EXTEND OUTWARD 200 MILES IN THE NORTHERN SEMICIRCLE AND 100 MILES IN THE SOUTHERN SEMICIRCLE. LITTLE CHANGE IN INTENSITY OR SIZE IS EXPECTED IN THE NEXT 12 HOURS.

THIS IS STILL A SEVERE HURRICANE. SHIPS IN THE PATH OF THE HURRICANE SHOULD EXERCISE EXTREME CAUTION AND SMALL CRAFT IN THE WINDWARD AND LEEWARD ISLANDS SHOULD REMAIN IN PORT.

THE NEXT ADVISORY ON HURRICANE CLEO WILL BE ISSUED BY THE SAN JUAN WEATHER BUREAU AT MIDNIGHT TONIGHT AST...0400Z AND A BULLETIN AT 10 PM AST.

COLON WEATHER BUREAU SAN JUAN

SAN JUAN WEATHER BUREAU HURRICANE BULLETIN FOR PRESS RADIO AND TELEVISION 10 PM AST AUGUST 15 1958.

HURRICANE CLEO TONIGHT APPEARS TO BE MOVING TOWARDS THE NORTH. ITS MOVEMENT DURING THE PAST 4 HOURS HAS BEEN IRREGULAR AND AT 10 PM IS ESTIMATED TO BE ABOUT 1000 MILES EAST NORTHEAST OF SAN JUAN PUERTO RICO MOVING NORTHWARD AT 12 MILES PER HOUR. IT IS STILL UNDER THE INFLUENCE OF THE UPPER LEVEL TROUGH. IT IS EXPECTED TO CONTINUE ITS NORTHWARD DRIFT FOR THE NEXT 6 TO 12 HOURS. AFTER THAT ITS FUTURE MOVEMENT IS UNCERTAIN AT THE MOMENT.

WHILE CLEO WEAKENED SLIGHTLY DURING THE AFTERNOON IT IS STILL OF FULL HURRICANE FORCE.

A HURRICANE WATCH IS STILL IN EFFECT FOR THE LEEWARD AND WINDWARD ISLANDS AND SMALL CRAFT IN THAT AREA SHOULD REMAIN IN PORT.

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

HIGGS WEATHER BUREAU SAN JUAN

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 6 CLEO MIDNIGHT AST AUGUST 15 1958.

A HURRICANE WATCH CONTINUES IN EFFECT FOR THE LEEWARD ISLANDS AND PEOPLE IN THAT AREA SHOULD KEEP IN TOUCH WITH THE LATEST ADVISORIES AND BULLETINS. HURRICANE WATCH IS DISCONTINUED IN THE WINDWARD ISLANDS. INFORMATION FROM RECONNAISSANCE AIRCRAFT EARLY THIS EVENING INDICATES THAT HURRICANE CLEO HAS MOVED ERRATICALLY BUT APPARENTLY TOWARD THE NORTH NORTHWEST AT A VERY SLOW RATE OF 12 MPH AND AT MIDNIGHT AST...0400Z...IT WAS ESTIMATED TO BE LOCATED ABOUT 1000 MILES EAST NORTHEAST OF PUERTO RICO OR NEAR LATITUDE 19.4 NORTH LONGITUDE 50.1 WEST. HURRICANE CLEO IS STILL UNDER THE INFLUENCE OF AN UPPER LEVEL TROUGH. ITS FUTURE MOVEMENT IS UNCERTAIN BUT IS EXPECTED TO BE TOWARDS THE NORTH AT ABOUT THE SAME SPEED FOR THE NEXT 6 TO 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 115 MILES PER HOUR OVER A SMALL AREA NEAR THE CENTER AND HURRICANE WINDS EXTEND 50 MILES IN ALL QUADRANTS. GALE FORCE WINDS EXTEND OUTWARD 200 MILES IN THE NORTHERN SEMICIRCLE AND 100 MILES IN THE SOUTHERN SEMICIRCLE. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED IN THE NEXT 12 HOURS.

THIS IS A SEVERE HURRICANE. SHIPS IN THE PATH OF CLEO SHOULD EXERCISE EXTREME CAUTION AND SMALL CRAFT IN THE WINDWARD AND LEEWARD ISLANDS SHOULD REMAIN IN PORT.

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

LEVINE WEATHER BUREAU SAN JUAN

SAN JUAN WEATHER BUREAU HURRICANE BULLETIN FOR PRESS RADIO AND TELEVISION 4 AM AST AUGUST 16 1958.

AT 4 AM TODAY HURRICANE CLEO APPEARS TO BE MOVING TOWARD THE NORTHNORTHWEST AT ABOUT 12 MPH AND WAS ESTIMATED TO BE LOCATED ABOUT 1000 MILES EAST NORTHEAST OF PUERTO RICO. IT IS EXPECTED TO CONTINUE MOVING TOWARD THE WESTNORTHWEST AT ABOUT THE SAME SPEED. WINDS ARE ESTIMATED TO BE 115 MPH NEAR THE CENTER AND GALES EXTEND OUTWARD 200 MILES TO NORTH AND 100 MILES TO THE SOUTH OF THE CENTER. A HURRICANE WATCH IS CONTINUED FOR THE LEEWARD ISLANDS. SHIPS IN THE PATH OF CLEO SHOULD REMAIN IN PORT AND SMALL CRAFT IN LEEWARD ISLANDS SHOULD REMAIN IN PORT UNTIL THE ROUGH SEAS SUBSIDE.

HIGGS WEATHER BUREAU SAN JUAN

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 7 CLEO 6 AM AST AUGUST 16 1958.

THE HURRICANE WATCH IS DISCONTINUED FOR THE LEEWARD ISLANDS.

RECONNAISSANCE AIRCRAFT REPORTS EARLY THIS MORNING INDICATE THAT HURRICANE CLEO HAS MOVED TOWARD THE NORTHWEST AT ABOUT 15 MPH AND AT 6 AM AST...1000Z...IT WAS ESTIMATED TO BE LOCATED ABOUT 1000 MILES EASTNORTHEAST OF SAN JUAN PUERTO RICO OR NEAR LATITUDE 21.5 NORTH LONGITUDE 50.7 WEST. ITS FUTURE MOVEMENT IS EXPECTED TO BE TOWARDS THE NORTHWEST AT ABOUT THE SAME SPEED FOR THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 125 MPH OVER A SMALL AREA NEAR THE CENTER AND HURRICANE WINDS EXTEND OUTWARD 75 MILES IN ALL QUADRANTS. GALE FORCE WINDS EXTEND OUTWARD 225 MILES IN THE NORTHERN SEMICIRCLE AND 150 MILES IN THE SOUTHERN SEMICIRCLE. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED IN THE NEXT 12 HOURS.

THIS IS A SEVERE HURRICANE. SHIPS IN THE PATH OF CLEO SHOULD EXERCISE EXTREME CAUTION. SMALL CRAFT IN THE LEEWARD ISLANDS SHOULD REMAIN IN PORT UNTIL ROUGH SEAS SUBSIDE.

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

DAVIS WEATHER BUREAU SAN JUAN

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 8 CLEO 11 AM EST AUGUST 16 1958.

RECONNAISSANCE AIRCRAFT AND SHIPS INDICATE THAT HURRICANE CLEO HAS TURNED SLIGHTLY TOWARDS THE NORTH WITH A LITTLE INCREASE IN FORWARD SPEED AND AT 11 AM EST...1600Z...WAS LOCATED NEAR LATITUDE 23.5 NORTH LONGITUDE 51.4 WEST. THIS IS 1000 STATUTE MILES SOUTHEAST OF BERMUDA. HURRICANE CLEO IS MOVING TOWARDS THE NORTH NORTHWEST AT 17 MPH.

THIS IS STILL A SEVERE HURRICANE WITH CENTRAL PRESSURE 28.17 INCHES. HIGHEST WINDS ARE STILL NEAR 125 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE WINDS EXTEND OUTWARD 75 MILES IN ALL QUADRANTS AND GALES OUTWARD TO 225 MILES IN THE NORTHERN SEMICIRCLE AND 150 MILES TO THE SOUTH. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS AND A NORTH NORTHWEST MOVEMENT AT ABOUT 17 MPH WILL CONTINUE.

SHIPS IN THE PATH OF HURRICANE CLEO SHOULD EXERCISE EXTREME CAUTION. SWELLS WILL STILL AFFECT THE LEEWARD ISLANDS AND SMALL CRAFT IN THIS AREA SHOULD REMAIN IN PORT.

THERE IS NO INDICATION THAT THIS HURRICANE WILL AFFECT THE U. S. MAINLAND THE BAHAMAS AND THE ISLANDS OF THE CARIBBEAN EXCEPT FOR HURRICANE SWELLS IN THE LEEWARD ISLANDS.

THE NEXT ADVISORY ON HURRICANE CLEO WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 PM EST...2200Z... SATURDAY.

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 9 CLEO 5 PM EST AUGUST 16 1958.

RECONNAISSANCE AIRCRAFT AND SHIPS INDICATE THAT HURRICANE CLEO IS MOVING TOWARDS THE NORTH NORTHWEST AT ABOUT 22 MPH AND AT 5 PM EST...2200Z...WAS LOCATED NEAR LATITUDE 25.6 NORTH LONGITUDE 51.8 WEST. THIS IS 900 STATUTE MILES SOUTHEAST OF BERMUDA.

THIS IS STILL A SEVERE HURRICANE WITH WINDS NEAR 125 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE WINDS EXTEND OUTWARD 75 MILES IN ALL QUADRANTS AND GALES OUTWARD TO 225 MILES IN THE NORTHERN SEMICIRCLE AND 150 MILES TO THE SOUTH.

HURRICANE CLEO IS FORECAST TO MOVE NORTH NORTHWEST AT LEAST 22 MPH DURING THE NEXT 12 HOURS TURNING MORE TO THE NORTH AND NORTH NORTHEAST WITH A SLIGHT INCREASE IN SPEED THEREAFTER. THE STORM MAY INCREASE A LITTLE IN SIZE BUT MAXIMUM WINDS NEAR THE CENTER ARE LIKELY TO DECREASE SLIGHTLY.

SHIPS IN THE PATH OF THIS SEVERE HURRICANE SHOULD EXERCISE EXTREME CAUTION.

THIS HURRICANE CONTINUES TO OFFER NO THREAT TO THE MAINLAND OF THE U. S.

THE NEXT ADVISORY ON HURRICANE CLEO WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST...0400Z...

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 10 CLEO 11 PM EST AUGUST 16 1958.

NO REPORTS HAVE BEEN RECEIVED IN THE IMMEDIATE VICINITY OF HURRICANE CLEO DURING THE LAST FEW HOURS. AT 11 PM EST...0400Z...SHE WAS ESTIMATED TO BE NEAR LATITUDE 27.7 NORTH LONGITUDE 52.6 WEST OR ABOUT 800 STATUTE MILES EAST SOUTHEAST OF BERMUDA MOVING NORTH NORTHWEST AT ABOUT 22 MPH.

THIS IS STILL A SEVERE HURRICANE WITH WINDS NEAR 125 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE WINDS EXTEND OUTWARD 75 MILES IN ALL QUADRANTS AND GALES OUTWARD TO 225 MILES IN THE NORTHERN SEMI-CIRCLE AND 150 MILES TO THE SOUTH.

HURRICANE CLEO IS FORECAST TO MOVE IN A NORTHERLY DIRECTION AT ABOUT 22 MPH DURING THE NEXT 12 TO 24 HOURS WITH LITTLE CHANGE IN SIZE OR INTENSITY.

SHIPS IN THE PATH OF THIS SEVERE STORM SHOULD EXERCISE EXTREME CAUTION.

THIS HURRICANE CONTINUES TO OFFER NO THREAT TO THE MAINLAND OF THE U. S.

THE NEXT ADVISORY ON HURRICANE CLEO WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 AM EST...1000Z...

OLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 11 CLEO 5 AM EST AUGUST 17 1958.

LITTLE INFORMATION HAS BEEN RECEIVED FROM THE IMMEDIATE VICINITY OF HURRICANE CLEO DURING THE NIGHT. AT 5 AM EST...1000Z...THE CENTER WAS ESTIMATED TO BE NEAR LATITUDE 29.5 N LONGITUDE 52.7 W OR ABOUT 700 STATUTE MILES EAST SOUTHEAST OF BERMUDA MOVING TOWARDS THE NORTH AT 21 MPH.

THIS IS A SEVERE HURRICANE WITH WINDS NEAR 125 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 75 MILES FROM THE CENTER. GALES EXTEND OUTWARD 225 MILES IN THE NORTHEAST SEMICIRCLE AND 150 MILES IN THE SOUTHWEST SEMICIRCLE.

THE HURRICANE IS FORECAST TO MOVE TOWARDS THE NORTH AT THE SAME SPEED OF 21 MPH FOR THE NEXT 12 TO 18 HOURS. HOWEVER THERE ARE SLIGHT INDICATIONS OF A SLOWING TENDENCY. A RECONNAISSANCE PLANE IS ENROUTE TO THE HURRICANE AND MORE DEFINITE INFORMATION WILL BE AVAILABLE LATER THIS MORNING.

LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED.

SHIPS IN THE PATH OF THIS SEVERE HURRICANE SHOULD EXERCISE EXTREME CAUTION. CLEO OFFERS NO THREAT TO THE U. S. MAINLAND.

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

MOORE WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 12 CLEO 11 AM EST AUGUST 17 1958.

RECONNAISSANCE AIRCRAFT EARLY THIS MORNING INDICATE THAT HURRICANE CLEO HAS BEEN MOVING NORTHWEST AT 21 MPH. AT 11 AM EST...1600Z...THE CENTER IS LOCATED AT LATITUDE 29.3 NORTH LONGITUDE 55.5 WEST WHICH IS 560 STATUTE MILES EAST SOUTHEAST OF BERMUDA.

THIS IS STILL A SEVERE HURRICANE WITH HIGHEST WINDS NEAR 125 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUT 75 MILES FROM THE CENTER. GALES EXTEND OUT 225 MILES IN THE NORTHEAST SEMICIRCLE AND 150 MILES IN THE SOUTHWEST SEMICIRCLE. EARLY THIS MORNING THE CENTRAL PRESSURE WAS 27.73 INCHES.

THE HURRICANE IS FORECAST TO MOVE TOWARDS THE NORTH NORTHWEST AT 21 MPH DURING THE NEXT 12 HOURS. A MORE NORTH TO NORTH NORTHEAST DIRECTION AND SOME INCREASE IN SPEED IS INDICATED THEREAFTER.

LITTLE CHANGE IN SIZE AND INTENSITY IS FORECAST FOR THE NEXT 12 HOURS.

SHIPS IN THE PATH OF THIS SEVERE HURRICANE SHOULD EXERCISE EXTREME CAUTION. CLEO OFFERS NO THREAT TO THE U. S. MAINLAND.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 13 CLEO 5 PM EST AUGUST 17 1958.

RECONNAISSANCE AIRCRAFT THIS AFTERNOON INDICATE THAT HURRICANE CLEO IS MOVING NORTHNORTHWESTWARD AT 15 MPH. AT 5 PM EST...2200Z...THE CENTER IS LOCATED AT LATITUDE 30.3 NORTH LONGITUDE 55.6 WEST WHICH IS ABOUT 540 STATUTE MILES EASTSOUTHEAST OF BERMUDA.

MAXIMUM WINDS HAVE DECREASED SLIGHTLY AND ARE NOW INDICATED TO BE 115 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUT 75 MILES FROM THE CENTER. GALES EXTEND OUT 225 MILES TO THE NORTH AND EAST AND TO 150 MILES IN THE SOUTHWEST QUADRANT. THE CENTRAL PRESSURE IS NOW REPORTED AT 28.59 INCHES.

HURRICANE CLEO IS FORECAST TO TURN TOWARD THE NORTH AT A SPEED OF 20 MPH DURING THE NEXT 12 HOURS. A MORE NORTHNORTHEAST DIRECTION WITH SOME INCREASE IN FORWARD SPEED IS INDICATED THEREAFTER. SOME INCREASE IN SIZE IS LIKELY BUT MAXIMUM WINDS NEAR THE CENTER WILL DECREASE SLIGHTLY DURING THE NEXT 12 TO 18 HOURS.

SHIPS IN THE PATH OF THIS HURRICANE SHOULD EXERCISE EXTREME CAUTION. CLEO OFFERS NO THREAT TO THE U. S. MAINLAND.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 14 CLEO 11 PM EST AUGUST 17 1958.

LITTLE INFORMATION HAS BEEN RECEIVED FROM THE IMMEDIATE VICINITY OF HURRICANE CLEO DURING THE PAST FEW HOURS. AT 11 PM EST...0400Z...SHE WAS ESTIMATED TO BE NEAR LATITUDE 31.8 NORTH LONGITUDE 56.0 WEST OR ABOUT 500 MILES EAST OF BERMUDA MOVING NORTHNORTHWEST AT ABOUT 17 MPH.

MAXIMUM WINDS HAVE CONTINUED TO DECREASE SLIGHTLY AND ARE NOW INDICATED TO BE NEAR 105 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUT ABOUT 75 MILES FROM THE CENTER. GALES EXTEND OUT 225 MILES TO THE NORTH AND EAST AND TO 150 MILES IN THE SOUTHWEST QUADRANT.

HURRICANE CLEO IS FORECAST TO MOVE IN A NORTHERLY DIRECTION AT A SPEED OF 20 MPH DURING THE NEXT 12 HOURS. A MORE NORTHNORTHEASTERLY DIRECTION WITH SOME INCREASE IN FORWARD SPEED IS INDICATED THEREAFTER. SOME INCREASE IN SIZE IS LIKELY BUT MAXIMUM WINDS NEAR THE CENTER WILL CONTINUE TO SHOW A SLOW DECREASE DURING THE NEXT 12 TO 18 HOURS.

SHIPS IN THE PATH OF THIS HURRICANE SHOULD EXERCISE EXTREME CAUTION. CLEO OFFERS NO THREAT TO THE U. S. MAINLAND.

THE NEXT ADVISORY ON HURRICANE CLEO WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 AM EST...1000Z.

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 15 CLEO 5 AM EST AUGUST 18 1958.

LITTLE INFORMATION HAS BEEN RECEIVED FROM THE IMMEDIATE VICINITY OF HURRICANE CLEO DURING THE NIGHT. AT 5 AM EST...1000Z...SHE WAS ESTIMATED TO BE NEAR LATITUDE 33.5 NORTH LONGITUDE 55.9 WEST OR ABOUT 500 STATUTE MILES EAST NORTHEAST OF BERMUDA MOVING TOWARDS THE NORTH AT ABOUT 20 MPH.

MAXIMUM WINDS NEAR THE CENTER ARE ESTIMATED 105 MPH WITH HURRICANE FORCE WINDS OUT 75 MILES FROM THE CENTER. GALE WINDS EXTEND OUT 225 MILES TO THE NORTH AND EAST AND OUT TO 150 MILES IN THE SOUTHWEST QUADRANT.

HURRICANE CLEO IS EXPECTED TO CONTINUE MOVING TOWARDS THE NORTH AT ABOUT 20 MPH FOR THE NEXT 12 HOURS WITH A GRADUAL INCREASE IN FORWARD SPEED AND A TURN MORE TOWARDS THE NORTH NORTHEAST THEREAFTER. LITTLE CHANGE IN INTENSITY OR SIZE IS INDICATED IN THE NEXT 12 HOURS.

SHIPPING IN THE PATH OF CLEO SHOULD EXERCISE EXTREME CAUTION.

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

MOORE WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 16 CLEO 11 AM EST AUGUST 18 1958.

HURRICANE CLEO WAS LOCATED BY RECONNAISSANCE AIRCRAFT THIS MORNING AND AT 11 AM EST...1600Z...HER CENTER WAS AT LATITUDE 34.0 NORTH LONGITUDE 56.2 WEST OR SOME 500 STATUTE MILES EAST NORTHEAST OF BERMUDA MOVING TOWARDS THE NORTH AT APPROXIMATELY 17 MPH.

MAXIMUM WINDS NEAR THE CENTER ARE ESTIMATED AT AROUND 100 MPH WITH HURRICANE FORCE WINDS OUT 75 MILES FROM THE CENTER. GALE WINDS EXTEND OUT 225 MILES TO THE NORTH AND EAST AND OUT TO 150 MILES IN THE SOUTHWEST QUADRANT. CENTRAL PRESSURE REPORTED THIS MORNING WAS 973 MILLIBARS OR 28.73 INCHES.

HURRICANE CLEO IS EXPECTED TO CONTINUE ON A BROAD RECURVE TOWARD THE NORTH AND NORTH NORTHEAST WITH GRADUAL ACCELERATION IN FORWARD SPEED. NO MARKED CHANGE IN INTENSITY OR SIZE IS INDICATED IN THE NEXT 12 HOURS.

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

THE NEXT ADVISORY WILL BE ISSUED AT 5 PM EST FROM THE FORECAST CENTER IN WASHINGTON D.C.

DUNN WEATHER BUREAU MIAMI

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 17 CLEO 5 PM EST AUGUST 18 1958.

HURRICANE CLEO WAS LOCATED BY RECONNAISSANCE AIRCRAFT THIS AFTERNOON AND AT 5 PM EST...2200Z...HER CENTER WAS AT LATITUDE 35.4 NORTH AND LONGITUDE 55.9 WEST OR SOME 530 STATUTE MILES EAST NORTHEAST OF BERMUDA MOVING TOWARDS THE NORTH AT APPROXIMATELY 17 MPH.

MAXIMUM WINDS NEAR THE CENTER ARE ESTIMATED AT AROUND 100 MPH WITH HURRICANE FORCE WINDS OUT 75 MILES FROM THE CENTER. GALE WINDS EXTEND OUT 225 MILES TO THE NORTH AND EAST AND OUT TO 150 MILES IN THE SOUTHWEST QUADRANT.

HURRICANE CLEO IS EXPECTED TO CONTINUE ON A BROAD RECURVE TOWARD THE NORTH NORTHEAST WITH GRADUAL ACCELERATION IN FORWARD SPEED. NO MARKED CHANGE IN INTENSITY OR SIZE IS EXPECTED IN THE NEXT 12 HOURS.

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

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

NORQUEST WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 18 CLEO 11 PM EST AUGUST 18 1958.

AT 11 PM EST...0400Z...HURRICANE CLEO WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 36.9 NORTH LONGITUDE 55.2 WEST OR ABOUT 610 STATUTE MILES EAST NORTHEAST OF BERMUDA. THE STORM WAS MOVING TOWARDS THE NORTH NORTHEAST AT APPROXIMATELY 17 MPH. IT IS EXPECTED TO CONTINUE MOVING IN A BROAD CURVE TOWARD THE NORTH NORTHEAST WITH GRADUAL ACCELERATION IN FORWARD SPEED DURING THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED AT 90 MPH IN A SMALL AREA AROUND THE CENTER WITH HURRICANE FORCE WINDS OUT 50 MILES FROM THE CENTER. GALE WINDS EXTEND OUT 200 MILES EAST QUADRANTS AND OUT 100 MILES WEST QUADRANTS. NO MARKED CHANGE IN INTENSITY OR SIZE IS EXPECTED IN THE NEXT 12 HOURS.

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

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

R. HOOVER WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 19 CLEO 5 AM EST AUGUST 19 1958.

AT 5 AM EST...1000Z...HURRICANE CLEO WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 38.4 NORTH AND LONGITUDE 55.0 WEST OR SOME 700 STATUTE MILES NORTHEAST OF BERMUDA MOVING TOWARDS THE NORTH NORTHEAST AT APPROXIMATELY 17 MPH.

MAXIMUM OR HIGHEST WINDS ARE ESTIMATED AT AROUND 90 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUT 50 MILES FROM THE CENTER. GALE WINDS EXTEND OUT 200 MILES EAST QUADRANTS AND OUT 100 MILES WEST QUADRANTS.

HURRICANE CLEO IS EXPECTED TO CONTINUE TO MOVE IN NORTH NORTHEAST DIRECTION WITH A GRADUAL INCREASE IN FORWARD SPEED. NO CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING NEXT 12 HOURS BUT SOME DECREASE IN MAXIMUM WINDS AND GALE AREA IS EXPECTED TO BECOME MORE EXTENSIVE DURING SECOND 12 HOUR PERIOD.

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

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

E. HOOVER WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 20 CLEO 11 AM EST AUGUST 19 1958.

HURRICANE CLEO WAS LOCATED BY RECONNAISSANCE AIRCRAFT THIS MORNING AND AT 11 AM EST...1600Z...THE CENTER WAS NEAR LATITUDE 40.7 NORTH AND LONGITUDE 51.3 WEST OR SOME 400 STATUTE MILES SOUTH OF CAPE RACE NEW FOUNDLAND MOVING TOWARDS THE NORTH NORTHEAST AT APPROXIMATELY 23 MPH.

MAXIMUM WINDS OVER A SMALL AREA NEAR THE CENTER ARE ESTIMATED AT AROUND 90 MPH WITH HURRICANE FORCE WINDS OUT 50 MILES FROM THE CENTER. GALE WINDS EXTEND OUT 200 MILES OVER EASTERN SEMICIRCLE AND OUT ABOUT 150 MILES OVER WESTERN SEMICIRCLE.

HURRICANE CLEO IS EXPECTED TO MOVE NORTHEASTWARD 25 TO 30 MPH DURING THE NEXT 12 HOURS WITH GRADUAL ACCELERATION IN FORWARD SPEED. NO MARKED CHANGE IN SIZE OR INTENSITY IS INDICATED DURING THE NEXT 12 HOURS.

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

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

NORQUEST WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 21 CLEO 5 PM EST AUGUST 19 1958.

HURRICANE CLEO WAS LOCATED BY RECONNAISSANCE AIRCRAFT THIS AFTERNOON AND AT 5 PM EST...2200Z...THE CENTER WAS NEAR LATITUDE 44.5 NORTH AND LONGITUDE 46.0 WEST OR SOME 370 STATUTE MILES SOUTHEAST OF CAPE RACE NEW FOUNDLAND MOVING TOWARDS THE NORTHEAST AT APPROXIMATELY 45 MPH.

MAXIMUM WINDS OVER A SMALL AREA NEAR THE CENTER ARE ESTIMATED AT AROUND 80 MPH AND HURRICANE FORCE WINDS MAY EXTEND OUT 50 MILES FROM THE CENTER. GALE WINDS EXTEND OUT 200 MILES OVER EASTERN SEMICIRCLE AND OUT ABOUT 150 MILES OVER WESTERN SEMICIRCLE.

HURRICANE CLEO IS EXPECTED TO CONTINUE MOVING NORTHEASTWARD AT ABOUT 45 MPH AND INDICATIONS ARE THAT IT WILL LOSE HURRICANE CHARACTERISTICS DURING THE NEXT 12 HOURS. MAXIMUM WINDS WILL GRADUALLY DECREASE BUT THE AREA OF GALE WINDS WILL PROBABLY GRADUALLY EXPAND.

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

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

NORQUEST WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 22 CLEO 11 PM EST AUGUST 19 1958.

AT 11 PM EST...0400Z...HURRICANE CLEO WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 46 NORTH LONGITUDE 44 WEST OR ABOUT 440 STATUTE MILES EAST OF CAPE RACE NEWFOUNDLAND. THE STORM WAS MOVING TOWARDS THE NORTHEAST AT APPROXIMATELY 40 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 70 MPH OVER A SMALL AREA NEAR THE CENTER. GALES EXTEND OUTWARD 250 MILES OVER EASTERN SEMICIRCLE AND OUTWARD ABOUT 100 MILES OVER WESTERN SEMICIRCLE. CLEO IS LOSING HER HURRICANE CHARACTERISTICS AND THE MAXIMUM WINDS WILL CONTINUE TO DECREASE BUT THE AREA OF GALES WILL PROBABLY EXPAND.

SHIPPING IN THE PATH OF THIS STORM SHOULD CONTINUE TO EXERCISE CAUTION.

THIS WILL BE THE LAST PUBLIC ADVISORY ON CLEO. FURTHER ADVICES ON THIS STORM WILL BE CARRIED EVERY 6 HOURS IN MARINE BULLETINS ISSUED FROM WASHINGTON FOR BROADCAST OVER NSS.

R. HOOVER WEATHER BUREAU WASHINGTON