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U.S. Weather Bureau.

Hurricane Helene, Sept. 23-29, 1958.

# National Oceanic and Atmospheric Administration

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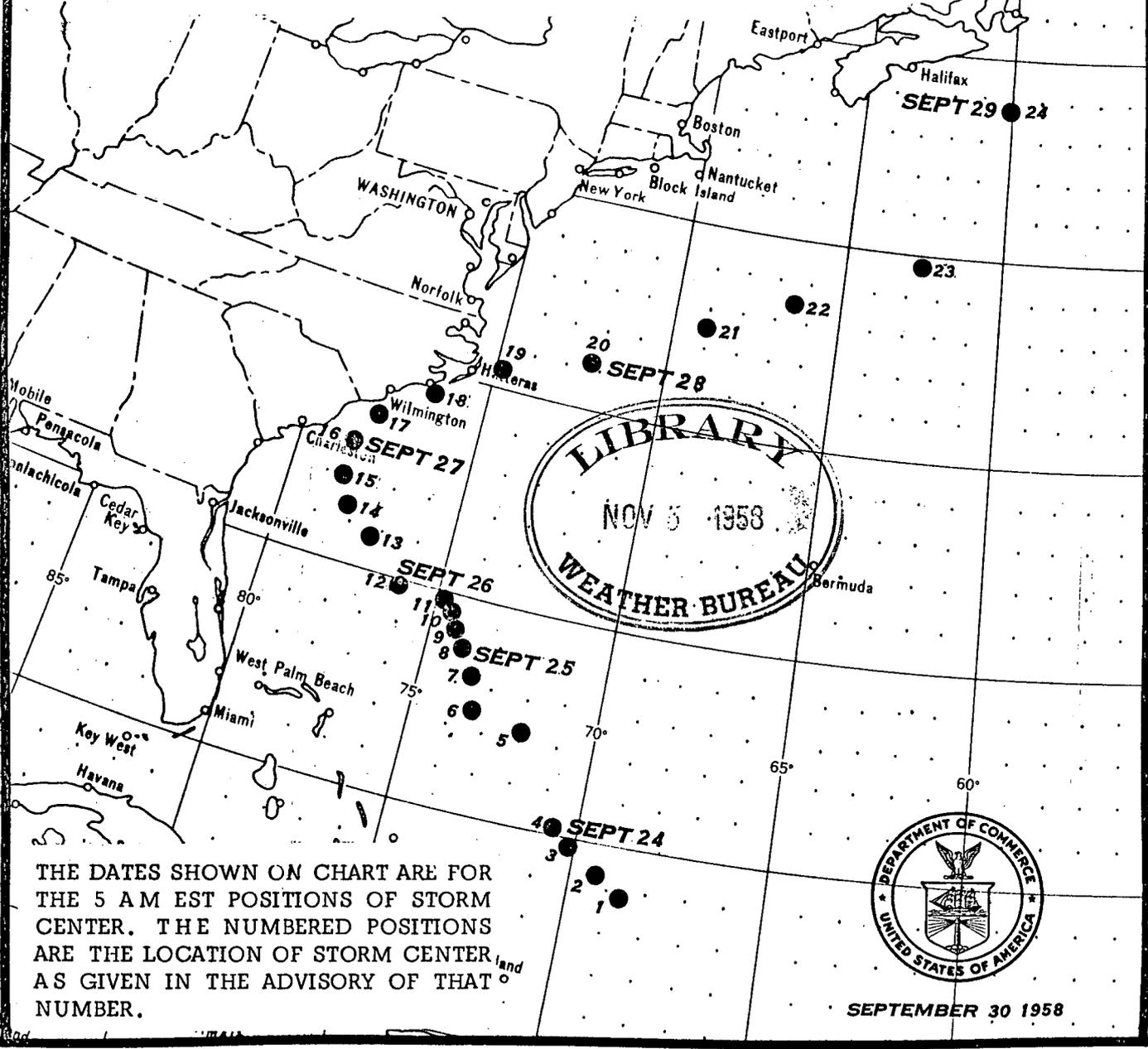
U. S. DEPARTMENT OF COMMERCE

U.S. WEATHER BUREAU

# HURRICANE HELENE

## September 23-29, 1958

A PRELIMINARY REPORT AND THE ADVISORIES ISSUED



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



SEPTEMBER 30 1958

101816

PRELIMINARY REPORT, HURRICANE HELENE  
SEPTEMBER 23-29, 1958

Hurricane Helene, one of the most dangerous to affect the east coast in recent years, formed as a tropical storm in an "easterly wave" in the Atlantic trade wind belt 300 miles northeast of Hispaniola on September 23, 1958. The storm increased to hurricane strength by the next day. It continued to intensify and advanced on a slow and somewhat erratic course toward the Georgia and Carolina coast during the next two days (Wednesday and Thursday, September 24 and 25).

By early Friday the threat posed by this severe hurricane had increased to the point where the Hurricane Warning Center at Miami decided to place the Georgia coast and the South Carolina coast south of Charleston under "Hurricane Watch". At 11:00 a.m. EST hurricane emergency warnings were issued for the coast between Savannah and Cape Fear. At this time the eye of Helene was located 260 miles east of Brunswick, Georgia moving northwestward toward the coast at 14 miles per hour. Gale winds extended to within 110 miles of shore and tides had begun to rise along the coast. The hurricane had been under almost constant surveillance by Navy and Air Force reconnaissance aircraft and research aircraft of the National Hurricane Research Project. During the afternoon of Friday, September 26, the eye of Helene came within range of Air Defense Command long range shore based radar at Wilmington, North Carolina and Charleston, South Carolina.

The hurricane continued to intensify as it approached the coast and by 5 p.m. Friday highest winds were estimated 125 miles per hour near the center. During the night it began to turn gradually toward the north. Hurricane warnings were extended up the coast to Cape Hatteras at 11 p.m. and to Manteo, North Carolina Saturday morning, September 27. Helene apparently reached maximum intensity early Saturday, with a lowest reported central pressure of 27.55 inches or 933 mbs. During the forenoon Saturday the hurricane, continuously tracked by radar and aircraft, turned slowly toward the northeast. Its center passed just southeast of Cape Fear near noon Saturday, with hurricane winds, high tides, and torrential rains in the coastal area around Wilmington. At this time a Navy reconnaissance plane reported a surface barometric pressure of 938 mbs. (27.70 inches) and an observer at Cape Fear estimated winds averaging 125 miles per hour with gusts to 150-160 miles per hour. The hurricane lashed the coast north of Cape Fear and passed Cape Hatteras just before midnight Saturday heading northeastward into the Atlantic. On September 28 (Sunday) and 29 (Monday) Helene, slowly weakening but still dangerous, crossed the principal North Atlantic shipping lanes and passed along the coast of Nova Scotia, across Newfoundland, and into the Labrador Sea.

Reconnaissance and observation of Hurricane Helene provided a wealth of research data and some interesting experimental work was accomplished. Two balloon-borne radio tracking beacons were dropped into the eye of Helene by aircraft of the National Hurricane Research Project. A Navy plane also dropped a metallicized inflated plastic ball on the ocean surface in the eye for radar tracking by aircraft.

Although property damage along the North Carolina coast was extensive (estimated at over \$7,000,000) no lives have been reported lost as a direct result of the hurricane. This record of no lives lost may be attributed to effective evacuation and protective measures taken as a result of Weather Bureau warnings.

The detection, tracking, warning, and protective action represented an outstanding example of cooperative effort on the part of surface merchant vessels, Air Force and Navy "hurricane hunter" aircraft, cooperative coastal reporting stations, Weather Bureau forecast centers and local warning offices, radio and television broadcasters, Coast Guard stations, radar stations of the Weather Bureau, Air Defense Command, and Civil Aeronautics Administration, military and civil communications systems, state and local Civil Defense organizations, the Red Cross, state police organizations, the "ham" radio operators (Amateur Radio Relay League), and many others acting in the public interest.

Following is a preliminary summary of meteorological data from the hurricane area:

<u>Station:</u>	Wilmington, N. C.	Cherry Point, N. C.	New Bern, N. C.	Hatteras, N. C.	Charleston, S. C.
Fastest mile of wind (mph)	N 85		N 52	NNE 69	63
Time	27/101 p.m.		27/705 p.m.	27/955 p.m.	27/501 a.m.
Peak Gust (mph)	NNE 135	NNW 97	N 83	N 106	-
Time	27/1241 p.m.	27/509 p.m.	27/501 p.m.	27/923 p.m.	-
Total Rainfall (in.)	8.29	4.54	4.35	4.85	.52
Highest Tide above normal (feet)	9			5 (estd)	1.6
Time	27/12 noon			27/1030 p.m.	26/11 p.m.

SAN JUAN WEATHER BUREAU 6 PM AST SEPTEMBER 21 1958  
BULLETIN FOR PRESS RADIO AND TELEVISION

A SQUALLY WAVE HAS DEVELOPED IN THE ATLANTIC EAST OF THE LEEWARD ISLANDS TODAY AND AT 6 PM AST IS ESTIMATED TO BE LOCATED ABOUT 800 MILES EAST OF SAN JUAN PUERTO RICO.

RECONNAISSANCE AIRCRAFT INVESTIGATED THE AREA THIS AFTERNOON AND FOUND A WIDESPREAD AREA OF MODERATE RAIN SHOWERS AND SQUALLS WITH WINDS UP TO 35 MPH IN THE HEAVIER SQUALLS IN THE NORTHERN PORTION OF THE WAVE AXIS. THE SQUALLY AREA IS ESTIMATED TO BE MOVING WEST NORTHWEST OR NORTHWEST ABOUT 15 MPH AND IS BEING CAREFULLY WATCHED FOR ANY SIGN OF INTENSIFICATION OR DEVELOPMENT.

IN ITS PRESENT LOCATION THE SQUALLY WAVE POSES NO THREAT TO ISLAND AREAS. A BULLETIN WILL BE ISSUED AT 9 PM UNLESS DEVELOPMENT TAKES PLACE EARLIER.

HIGGS WEATHER BUREAU SAN JUAN

SAN JUAN WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 9 PM AST SEPTEMBER 21 1958.

NO REPORTS HAVE BEEN RECEIVED FROM THE IMMEDIATE VICINITY OF THE SQUALLY WAVE IN THE ATLANTIC WHICH WAS ABOUT 800 MILES EAST OF PUERTO RICO THIS AFTERNOON. AT 9 PM AST IT IS ESTIMATED TO BE LOCATED ABOUT 600 TO 700 MILES EAST OF SAN JUAN MOVING WEST NORTHWEST OR NORTHWEST ABOUT 15 MPH.

THERE HAS BEEN NO SIGNS OF INTENSIFICATION SINCE THE LAST BULLETIN. ITS FUTURE DIRECTION IS UNCERTAIN AT THIS TIME BUT IT IS EXPECTED TO BE TOWARD THE NORTHWEST AT ABOUT THE SAME SPEED AND NO INTENSIFICATION IS EXPECTED TONIGHT.

THE AREA IS BEING CAREFULLY WATCHED FOR ANY DEVELOPMENTS. THIS WILL BE THE LAST BULLETIN TONIGHT UNLESS INTENSIFICATION TAKES PLACE.

HIGGS WEATHER BUREAU SAN JUAN

MIAMI WEATHER BUREAU ADVISORY NUMBER 1 TROPICAL STORM HELENE 11 AM EST SEPTEMBER 23 1958.

RECONNAISSANCE AIRCRAFT AND SURFACE SHIP REPORTS INDICATE THAT TROPICAL STORM HELENE HAS DEVELOPED IN A STRONG EASTERLY WAVE AND AT 11 AM EST...1600Z...WAS LOCATED AT LATITUDE 23.9 N LONGITUDE 68.8 W OR 550 MILES EASTSOUTHEAST OF NASSAU BAHAMAS. THE STORM IS MOVING TOWARDS THE WESTNORTHWEST AT 12 MPH.

HIGHEST WINDS ARE ESTIMATED 50 MPH IN SQUALLS WITHIN 30 MILES OF THE CENTER IN THE NORTHEAST QUADRANT. WINDS OF 30 TO 40 MPH EXTEND 100 MILES TO THE NORTH AND EAST AND A SHORT DISTANCE TO THE SOUTH AND WEST OF THE CENTER.

PRESENT INDICATIONS ARE THAT THE STORM WILL SLOWLY INTENSIFY DURING THE NEXT 12 TO 24 HOURS WITH THE AREA OF STRONG WINDS GRADUALLY EXPANDING IN ALL DIRECTIONS AROUND THE CENTER. IT APPEARS THAT A HIGH PRESSURE RIDGE TO THE NORTH WILL SLOW THE STORM SOME IN FORWARD SPEED AND THE DIRECTION OF MOVEMENT WILL REMAIN ABOUT THE SAME.

SHIPPING IN THE PATH SHOULD EXERCISE CAUTION.

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

DAVIS WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 2 HELENE 5 PM EST SEPTEMBER 23 1958.

AT 5 PM ...2200Z...TROPICAL STORM HELENE IS CENTERED AT LATITUDE 24.3 NORTH LONGITUDE 69.4 WEST. IT HAS DECREASED SOME IN ITS FORWARD SPEED AND IS NOW MOVING WESTNORTHWESTWARD 9 MPH. IT IS EXPECTED TO CONTINUE IN THE SAME DIRECTION AT ABOUT THE SAME SPEED DURING THE NEXT 12 HOURS.

HIGHEST WINDS ARE ESTIMATED 50 MPH WITHIN 65 MILES OF THE CENTER IN THE NORTHEAST SEMICIRCLE. GALE WINDS EXTEND 125 STATUTE MILES IN THE NORTHEAST SEMICIRCLE AND 30 TO 50 MILES IN THE SOUTHWEST SEMICIRCLE. THE STORM IS EXPECTED TO INCREASE SLOWLY IN SIZE AND SLIGHTLY IN INTENSITY DURING THE NEXT 12 HOURS.

SHIPPING IN THE PATH OF HELENE SHOULD EXERCISE CAUTION AND SMALL CRAFT IN THE NORTHERN BAHAMAS SHOULD NOT VENTURE FAR FROM PROTECTED WATERS.

THE NEXT ADVISORY ON TROPICAL STORM HELENE WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM.

MC GEHEE WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 3 HELENE 11 PM EST SEPTEMBER 23 1958.

AT 11 PM EST...0400Z...TROPICAL STORM HELENE WAS CENTERED AT LATITUDE 24.8 NORTH LONGITUDE 70.1 WEST OR 465 STATUTE MILES EAST OF NASSAU BAHAMAS. THE STORM IS MOVING TOWARDS THE WESTNORTHWEST AT 9 MPH.

HIGHEST WINDS ARE ESTIMATED 50 MPH WITHIN 65 MILES OF THE CENTER TO THE NORTHEAST AND 30 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD 140 MILES IN THE NORTHEASTERN SEMICIRCLE AND 50 MILES IN THE SOUTHWESTERN SEMICIRCLE. THE STORM IS EXPECTED TO SLOWLY INCREASE IN SIZE AND INTENSITY AND CONTINUE ON A WESTNORTHWEST COURSE AT ABOUT THE SAME SPEED DURING THE NEXT 12 HOURS.

SHIPPING IN THE PATH SHOULD EXERCISE CAUTION. SMALL CRAFT IN THE NORTHERN BAHAMAS SHOULD NOT VENTURE FAR FROM PROTECTED PLACES.

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

DAVIS WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 4 HELENE 5 AM EST 24 SEPTEMBER 1958.

RECONNAISSANCE AIRCRAFT AND SHIPPING IN THE VICINITY OF HELENE DURING THE NIGHT INDICATE THAT SHE REMAINS A POORLY ORGANIZED STORM. AT 5 AM EST...1000Z...THE CENTER WAS ESTIMATED TO BE NEAR LATITUDE 25.1 NORTH LONGITUDE 70.6 WEST OR ABOUT 425 MILES EAST OF NASSAU BAHAMAS. THE STORM IS MOVING TOWARDS THE WEST NORTHWEST AT ABOUT 8 MILES PER HOUR.

HIGHEST WINDS ARE NOW ESTIMATED TO BE 55 TO 60 MPH IN SQUALLS WITHIN 75 MILES OF THE CENTER TO THE NORTHEAST AND 50 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD 150 MILES IN THE NORTHEAST SEMICIRCLE AND 75 MILES IN THE SOUTHWESTERN SEMICIRCLE. THE STORM IS EXPECTED TO SLOWLY INCREASE IN SIZE AND INTENSITY AND CONTINUE ON A WEST NORTHWEST COURSE AT ABOUT THE SAME SPEED DURING THE NEXT 12 HOURS.

SHIPPING IN THE PATH SHOULD EXERCISE CAUTION. SMALL CRAFT IN THE NORTHERN BAHAMAS SHOULD NOT VENTURE FAR FROM PROTECTED PLACES.

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

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 5 HELENE 11 AM EST 24 SEPTEMBER 1958.

RECONNAISSANCE AIRCRAFT LOCATES THE CENTER OF TROPICAL STORM HELENE AT 11 AM EST...1600Z...AT LATITUDE 27.2 NORTH LONGITUDE 72.0 WEST OR 500 STATUTE MILES EAST OF PALM BEACH FLORIDA. THE STORM HAS ACCELERATED SOMEWHAT DURING THE PAST FEW HOURS AND IS NOW MOVING NORTHWESTWARD AT 15 MPH.

TROPICAL STORM HELENE HAS UNDERGONE SLOW BUT STEADY INTENSIFICATION DURING THE PAST 24 HOURS AND HIGHEST WINDS ARE ESTIMATED AT 60 TO 70 MPH EAST OF THE CENTER. ONE SHIP EARLY THIS MORNING REPORTED WINDS OF ABOUT HURRICANE FORCE IN A SQUALL BUT RECONNAISSANCE AIRCRAFT HAS NOT OBSERVED WINDS THIS HIGH DURING THE FORENOON. GALES EXTEND OUTWARD FROM THE CENTER 150 STATUTE MILES IN ALL DIRECTIONS EXCEPT 120 MILES IN THE SOUTHWEST QUADRANT.

LOWEST PRESSURE IS NOW 997 MILLIBARS OR 29.44 INCHES. CONTINUATION OF THE GRADUAL INCREASE IN INTENSITY IS EXPECTED. THE STORM SHOULD SHORTLY MOVE INTO AN AREA OF RATHER LIGHT AND VARIABLE WINDS THUS FUTURE MOVEMENT IS RATHER UNCERTAIN. DURING THE NEXT 12 HOURS THE STORM IS FORECAST TO MOVE IN A GENERAL NORTHWESTERLY DIRECTION WITH ABOUT THE SAME OR SOMEWHAT SLOWER SPEED.

SHIPPING IN THE STORMS PATH SHOULD EXERCISE CAUTION.

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

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU ADVISORY NUMBER 6 HURRICANE HELENE 5 PM EST SEPTEMBER 24 1958.

HELENE HAS INCREASED TO HURRICANE INTENSITY DURING THE DAY AND AT 5 PM EST...2200Z...WAS LOCATED AT LATITUDE 27.4 NORTH LONGITUDE 73.4 WEST OR ABOUT 425 STATUTE MILES EAST OF FORT PIERCE FLORIDA. THE STORM APPEARS TO HAVE BEEN MOVING ON AN OSCILLATORY TRACK BETWEEN WEST AND NORTHWEST DURING THE AFTERNOON AVERAGING AROUND 14 MPH.

SLOW BUT STEADY INTENSIFICATION CONTINUES AND HIGHEST WINDS ARE ESTIMATED AT 70 TO 80 MPH IN SQUALLS EXTENDING OUTWARD 100 MILES IN THE NORTHEAST QUADRANT AND 40 MILES IN OTHER DIRECTIONS. GALES EXTEND OUTWARD FROM THE CENTER 200 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES IN THE SOUTHWEST SEMICIRCLE.

HURRICANE HELENE WILL CONTINUE TO INCREASE SLOWLY IN INTENSITY. THE FUTURE MOVEMENT OF THIS STORM REMAINS RATHER UNCERTAIN BUT DURING THE NEXT 12 HOURS SHOULD MOVE BETWEEN WEST AND NORTHWEST AT ABOUT THE SAME OR SOMEWHAT SLOWER SPEED.

IN VIEW OF THE STORMS CONTINUED MOVEMENT TOWARD THE SOUTH ATLANTIC COAST AND NO STRONG INDICATIONS AS YET OF ANY MATERIAL CHANGE IN DIRECTION. INTERESTS IN THIS AREA SHOULD KEEP IN TOUCH WITH ALL FUTURE ADVISORIES AND BULLETINS.

SHIPPING IN THE PATH OF HURRICANE HELENE SHOULD EXERCISE CAUTION AND SMALL CRAFT ALONG THE SOUTH ATLANTIC COAST SHOULD NOT VENTURE FAR FROM PROTECTED PLACES.

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

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE HELENE BULLETIN FOR PRESS RADIO AND TV 8 PM EST SEPTEMBER 24 1958.

REPORTS FROM THE VICINITY OF HURRICANE HELENE INDICATE SHE IS CONTINUING ON A COURSE BETWEEN WEST AND NORTHWEST AT ABOUT 14 MPH AND AT 8 PM EST...0100Z...WAS CENTERED A LITTLE LESS THAN 400 MILES EAST OF THE CENTRAL FLORIDA COAST.

HIGHEST WINDS ARE ESTIMATED AT 70 TO 80 MPH IN SQUALLS EXTENDING OUTWARD 100 MILES IN THE NORTHEAST QUADRANT AND 40 TO 50 MILES IN OTHER DIRECTIONS. GALES EXTEND OUTWARD AROUND THE CENTER ABOUT 200 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES IN THE SOUTHWEST SEMICIRCLE.

FURTHER INTENSIFICATION IS ANTICIPATED DURING TONIGHT AND THURSDAY. THE FUTURE MOVEMENT OF THE HURRICANE IS UNCERTAIN BEYOND ABOUT 12 HOURS HOWEVER DURING THIS PERIOD IT IS EXPECTED TO MOVE ON A COURSE BETWEEN WEST AND NORTHWEST AND WILL LIKELY SLOW SOME IN FORWARD SPEED.

IN VIEW OF THE HURRICANES CONTINUED MOVEMENT TOWARDS THE SOUTH ATLANTIC COAST AND NO INDICATIONS OF ANY MATERIAL CHANGE IN DIRECTION ALL INTERESTS IN THIS AREA SHOULD KEEP IN CLOSE TOUCH WITH ALL FUTURE ADVISORIES AND BULLETINS.

SHIPPING IN THE PATH OF THIS HURRICANE SHOULD EXERCISE CAUTION AND SMALL CRAFT FROM THE CAROLINAS SOUTHWARD SHOULD NOT VENTURE FAR FROM PROTECTED PLACES.

THE NEXT ADVISORY WILL BE ISSUED AT 11 PM AND ANOTHER BULLETIN AT 2 AM EST.

DAVIS WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 7 HELENE 11 PM EST SEPTEMBER 24 1958.

REPORTS FROM THE VICINITY OF HURRICANE HELENE TONIGHT INDICATE THAT SHE IS MOVING TOWARDS THE NORTHWEST AT ABOUT 10 MPH AND AT 11 PM EST...0400Z...WAS LOCATED AT LATITUDE 28.2 NORTH LONGITUDE 73.7 WEST OR 425 STATUTE MILES EAST OF MELBOURNE FLORIDA.

THE HURRICANE IS EXPECTED TO CONTINUE ON A SLOW NORTHWESTERLY COURSE DURING THE NEXT 12 HOURS AND POSSIBLY TURNING TO A MORE NORTHERLY DIRECTION THURSDAY. SLIGHT INTENSIFICATION WILL LIKELY OCCUR DURING THIS PERIOD.

STRONGEST WINDS ARE ESTIMATED AT 70 TO 80 MPH IN SQUALLS EXTENDING OUTWARD 100 MILES IN THE NORTHEAST QUADRANT AND 40 MILES IN OTHER DIRECTIONS. GALES EXTEND OUTWARD 200 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES IN THE SOUTHWEST SEMICIRCLE.

IN VIEW OF THE HURRICANES CONTINUED MOVEMENT TOWARDS THE SOUTH ATLANTIC COAST AND WITH NO STRONG INDICATIONS OF ANY LARGE CHANGE IN DIRECTION ALL INTERESTS ON THE CAROLINA COASTS AND SOUTHWARD TO NORTHEAST FLORIDA SHOULD KEEP IN TOUCH WITH FUTURE ADVISORIES AND BULLETINS.

SHIPPING IN THE PATH OF THIS HURRICANE SHOULD EXERCISE CAUTION AND SMALL CRAFT FROM THE CAROLINAS SOUTHWARD SHOULD NOT VENTURE FAR FROM PROTECTED PLACES.

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

DAVIS WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE HELENE BULLETIN FOR PRESS RADIO AND TV 2 AM EST SEPTEMBER 25 1958.

HURRICANE HELENE AT 2 AM EST...0700Z...IS ESTIMATED TO BE ABOUT 390 STATUTE MILES EAST OF CAPE CANAVERAL FLORIDA AND MOVING TOWARDS THE NORTHWEST ABOUT 10 MPH.

HIGHEST WINDS ARE ESTIMATED TO BE 70 TO 80 MPH IN SQUALLS EXTENDING OUTWARD 100 MILES IN THE NORTHEAST QUADRANT AND 40 MILES IN OTHER DIRECTIONS. GALES EXTEND OUTWARD 200 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES IN THE SOUTHWEST SEMICIRCLE.

SOME SLIGHT INTENSIFICATION OF HURRICANE HELENE IS EXPECTED TODAY AND IN VIEW OF THE CONTINUED MOVEMENT TOWARDS THE SOUTH ATLANTIC COAST ALL INTERESTS ON THE CAROLINA COASTS AND SOUTHWARD TO NORTHEAST FLORIDA SHOULD KEEP IN TOUCH WITH FUTURE ADVISORIES AND BULLETINS.

SHIPPING IN THE PATH OF THIS HURRICANE SHOULD EXERCISE CAUTION AND SMALL CRAFT FROM THE CAROLINAS SOUTHWARD SHOULD NOT VENTURE FAR FROM PROTECTED PLACES.

THE NEXT ADVISORY WILL BE ISSUED AT 5 AM.

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 8 HELENE 5 AM EST SEPTEMBER 25 1958.

RECONNAISSANCE AIRCRAFT LOCATES THE CENTER OF HURRICANE HELENE AT 5 AM ...1000Z...AT LATITUDE 28.8 NORTH LONGITUDE 74.0 WEST OR ABOUT 400 STATUTE MILES EAST OF CAPE CANAVERAL FLORIDA. THE HURRICANE HAS INTENSIFIED SOME AND NOW HAS A FORWARD MOVEMENT OF NORTHWEST AT 9 MPH.

THE HURRICANE IS EXPECTED TO MOVE ON A NORTHWESTERLY COURSE AT NEAR 9 MPH DURING THE NEXT 12 HOURS AND THERE ARE SOME INDICATIONS OF DECELERATION THEREAFTER. SLIGHTLY MORE INTENSIFICATION IS LIKELY.

HIGHEST WINDS ARE NOW ESTIMATED AT 90 MPH IN SQUALLS EXTENDING OUTWARD 100 MILES IN THE NORTHEAST SEMICIRCLE AND 40 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD 200 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES TO THE SOUTHWEST. LOWEST SEA LEVEL PRESSURE IS REPORTED AT 983 MILLIBARS OR 29.03 INCHES.

IN VIEW OF THE HURRICANES CONTINUED MOVEMENT TOWARDS THE SOUTH ATLANTIC COAST AND WITH NO STRONG INDICATIONS OF ANY MATERIAL CHANGE IN DIRECTION INTERESTS ON THE CAROLINA COASTS AND SOUTHWARD TO NORTHEAST FLORIDA SHOULD KEEP IN TOUCH WITH FUTURE ADVISORIES AND BULLETINS.

SHIPPING IN THE PATH OF HURRICANE HELENE SHOULD EXERCISE EXTREME CAUTION AND SMALL CRAFT FROM THE CAROLINAS SOUTHWARD SHOULD NOT VENTURE FAR FROM PROTECTED PLACES. TIDES WILL GRADUALLY INCREASE ALONG THE CAROLINA AND GEORGIA COAST TODAY AND TONIGHT.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE HELENE BULLETIN FOR PRESS RADIO AND TV 8 AM EST SEPTEMBER 25, 1958.

HURRICANE HELENE AT 8 AM EST WAS LOCATED ABOUT 400 STATUTE MILES EAST OF NEW SMYRNA FLORIDA MOVING NORTHWEST NEAR 9 MPH.

HIGHEST WINDS ARE NEAR 90 MPH IN SQUALLS EXTENDING OUTWARD 100 MILES IN THE NORTHEAST SEMICIRCLE AND 40 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD 200 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES TO THE SOUTHWEST. AT 6 AM THIS MORNING THE SS SUN BRAYTON LOCATED JUST NORTH OF THE CENTER REPORTED HURRICANE WINDS WITH VERY ROUGH SEAS AND DRIVING RAIN.

THE HURRICANE HAS INCREASED IN INTENSITY DURING THE NIGHT. SLIGHTLY MORE INTENSIFICATION AND SOME INCREASE IN SIZE SHOULD TAKE PLACE TODAY. IN VIEW OF THE CONTINUED MOVEMENT TOWARDS THE SOUTH ATLANTIC COAST AND WITH NO STRONG INDICATIONS OF ANY MATERIAL CHANGE IN DIRECTION INTERESTS ALONG THE CAROLINA COASTS AND SOUTHWARD TO NORTHEAST FLORIDA SHOULD KEEP IN TOUCH WITH FUTURE ADVISORIES AND BULLETINS.

SHIPPING IN THE PATH OF HURRICANE HELENE SHOULD EXERCISE EXTREME CAUTION AND SMALL CRAFT FROM THE CAROLINAS SOUTHWARD SHOULD NOT VENTURE FAR FROM PROTECTED PLACES. TIDES WILL GRADUALLY INCREASE ALONG THE CAROLINA AND GEORGIA COASTS TODAY AND TONIGHT.

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

SUGG WEATHER BUREAU MIAMI

LOCAL STATEMENT WEATHER BUREAU OFFICE CHARLESTON SOUTH CAROLINA 9 AM EST SEPTEMBER 25 1958.

AT 9 AM EST HURRICANE HELENE WAS 425 MILES SOUTHEAST OF CHARLESTON MOVING TOWARD THE CAROLINAS AT 9 TO 10 MILES PER HOUR. WINDS OF 90 MILES PER HOUR NOW EXTEND 50 TO 75 MILES OUTWARD FROM THE STORM IN THE DIRECTION OF THE SOUTH CAROLINA COAST AND GALE WINDS REACH TO WITHIN 250 TO 300 MILES OF THIS AREA. TIDES WILL GRADUALLY INCREASE ALONG THE SOUTH CAROLINA COAST TODAY AND TONIGHT BUT NO SEVERE TIDES WILL OCCUR BEFORE HIGH TIDE FRIDAY AFTERNOON. GALE FORCE WINDS WILL BEGIN OFFSHORE ALONG THE SOUTH CAROLINA COAST TONIGHT AND ALL SMALL BOATS ARE ADVISED TO STAY IN PORT FRIDAY UNTILL FURTHER ADVISED. COASTAL TRAFFIC SHOULD EXERCISE CAUTION AND STAY CLOSE IN AND ALL OCEAN TRAFFIC IS ADVISED TO STAY WELL CLEAR OF THE HURRICANE AREA.

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 9 HELENE 11 AM EST 25 SEPTEMBER 1958.

RECONNAISSANCE AIRCRAFT LOCATES THE CENTER OF HURRICANE HELENE AT 11 AM EST...1600Z...AT LATITUDE 29.1 NORTH LONGITUDE 74.1 WEST OR ABOUT 420 STATUTE MILES EAST OF DAYTONA BEACH FLORIDA. THE FORWARD PROGRESS OF THE STORM HAS SLOWED AND IT IS NOW MOVING NORTHWESTWARD AT ABOUT 6 MILES PER HOUR.

SLOW INTENSIFICATION CONTINUES AND THE LOWEST SEA LEVEL PRESSURE REPORTED THIS MORNING WAS 981 MILLIBARS OR 28.97 INCHES. HIGHEST WINDS ARE ESTIMATED AT 90 MPH IN SQUALLS EXTENDING OUTWARD 100 MILES IN THE NORTHEAST SEMICIRCLE AND 40 MILES OR LESS TO THE SOUTHWEST. GALES EXTEND OUTWARD 200 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES IN THE SOUTHWEST SEMICIRCLE.

HURRICANE HELENE IS EXPECTED TO CONTINUE TO INCREASE SLOWLY IN INTENSITY. DURING THE NEXT 12 HOURS IT WILL MOVE SLOWLY IN A GENERAL NORTHWESTERLY DIRECTION. THE EVENTUAL PATH OF HELENE CANNOT BE DETERMINED AT THIS TIME. THEREFORE INTERESTS ALONG THE CAROLINA GEORGIA AND EXTREME NORTHEAST FLORIDA COASTS SHOULD CONTINUE TO KEEP IN TOUCH WITH FUTURE ADVISORIES AND BULLETINS.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE EXTREME CAUTION. UNPROTECTED WATERS ALONG THE COAST FROM CAPE HATTERAS TO DAYTONA BEACH WILL GRADUALLY ROUGHEN DURING THE NEXT 24 HOURS WITH TIDES IN MANY PLACES BECOMING A FOOT OR SO ABOVE NORMAL BY FRIDAY MORNING. SMALL CRAFT SHOULD NOT VENTURE FAR FROM PROTECTED AREAS.

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

DUNN MIAMI WEATHER BUREAU

MIAMI WEATHER BUREAU HURRICANE HELENE BULLETIN FOR PRESS RADIO AND TV 2 PM EST 25 SEPTEMBER 1958.

AT 2 PM EST HURRICANE HELENE WAS STILL LOCATED ABOUT 420 STATUTE MILES EAST OF DAYTONA BEACH FLORIDA HAVING MOVED VERY LITTLE DURING THE PAST THREE HOURS.

HIGHEST WINDS ARE NEAR 90 MPH IN SQUALLS EXTENDING OUTWARD 100 MILES IN THE NORTHEAST SEMICIRCLE. GALES EXTEND OUTWARD 200 STATUTE MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES IN THE SOUTHWEST SEMICIRCLE. LATEST REPORTS INDICATE THE GALE AREA IS EXPANDING SLIGHTLY.

WHILE SLOWING IN THE FORWARD PROGRESS OF HURRICANES SUCH AS IS NOW OCCURRING IN HURRICANE HELENE OFTEN PRESAGES A CHANGE IN DIRECTION NO MARKED ACCELERATION IN ANY DIRECTION DURING THE NEXT FEW HOURS SEEMS LIKELY. THE EVENTUAL PATH OF HELENE IS STILL VERY UNCERTAIN AND THEREFORE INTERESTS ALONG THE COAST OF THE CAROLINAS GEORGIA AND EXTREME NORTHEASTERN FLORIDA SHOULD CONTINUE TO KEEP IN TOUCH WITH FUTURE ADVISORIES AND BULLETINS.

SHIPPING IN THE PATH OF HURRICANE HELENE SHOULD EXERCISE CAUTION AND SMALL CRAFT ALONG THE SOUTH ATLANTIC COAST FROM CAPE HATTERAS TO DAYTONA BEACH SHOULD NOT VENTURE FAR FROM PROTECTED AREAS.

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

DUNN WEATHER BUREAU OFFICE MIAMI

LOCAL STATEMENT WEATHER BUREAU OFFICE CHARLESTON SOUTH CAROLINA 3 PM EST SEPTEMBER 25 1958.

HURRICANE HELENE HAS SLOWED DOWN TO SIX MILES AN HOUR PACE WHICH RELIEVES THE SOUTH CAROLINA COAST OF ANY IMMEDIATE CONCERN. THE FIRST EFFECT WILL BE A SLIGHT INCREASE ABOVE THE NORMAL TIDE NOT EXCEEDING ONE FOOT AT LATE AFTERNOON HIGH TIDE TOMORROW. SURF AND SEA WILL BECOME INCREASINGLY ROUGH AS THE WINDS INCREASE.

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 10 HELENE 5 PM EST SEPTEMBER 25 1958.

RECONNAISSANCE AIRCRAFT LOCATES THE CENTER OF HURRICANE HELENE AT 5 PM EST...2200Z...AT LATITUDE 29.6 NORTH LONGITUDE 74.5 WEST OR ABOUT 410 STATUTE MILES EAST OF ST. AUGUSTINE FLORIDA. THE STORM IS CONTINUING ON A NORTHWESTWARD COURSE AT ABOUT 6 MILES PER HOUR.

INTENSITY HAS REMAINED ABOUT THE SAME DURING THE DAY AND HIGHEST WINDS ARE STILL ESTIMATED AT 90 MPH IN SQUALLS EXTENDING OUTWARD 100 MILES IN THE NORTHEAST SEMICIRCLE AND 40 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD 220 MILES IN THE NORTHEAST SEMICIRCLE AND 120 IN THE SOUTHWEST SEMICIRCLE AS THE STORM AREA VERY SLOWLY EXPANDS.

VERY GRADUAL INTENSIFICATION IS EXPECTED TO CONTINUE AS HURRICANE HELENE MOVES SLOWLY NORTHWESTWARD. THE EVENTUAL PATH OF HELENE STILL REMAINS VERY UNCERTAIN. INTERESTS ALONG THE CAROLINA GEORGIA AND EXTREME NORTHEAST FLORIDA COASTS SHOULD KEEP IN CLOSE TOUCH WITH FUTURE ADVISORIES AND BULLETINS.

SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION. UNPROTECTED WATERS ALONG THE COAST FROM CAPE HATTERAS TO JACKSONVILLE WILL GRADUALLY ROUGHEN DURING THE NEXT 24 HOURS WITH TIDES IN MANY PLACES BECOMING A FOOT OR SO ABOVE NORMAL BY LATE FRIDAY. SMALL CRAFT SHOULD NOT VENTURE FAR OVER THE OPEN OCEAN.

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

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE HELENE BULLETIN FOR PRESS RADIO AND TV 8 PM EST SEPTEMBER 25 1958.

AT 8 PM EST TONIGHT HURRICANE HELENE WAS LOCATED AROUND 400 STATUTE MILES EAST OF THE JACKSONVILLE ST. AUGUSTINE FLORIDA AREA AND ABOUT 350 MILES SOUTHEAST OF WILMINGTON NORTH CAROLINA. STILL MOVING SLOWLY TOWARDS THE NORTHWEST.

HIGHEST WINDS WERE ESTIMATED BY RECONNAISSANCE AIRCRAFT TODAY AT 90 MPH IN SQUALLS EXTENDING OUTWARD 100 MILES IN THE NORTHEAST SEMICIRCLE AND ABOUT 40 MILES TO THE SOUTHWEST. WINDS OF GALE FORCE EXTEND OUTWARD 220 MILES IN THE NORTHEAST SEMICIRCLE AND 120 MILES IN THE SOUTHWEST SEMICIRCLE.

THE HURRICANE IS EXPECTED TO GRADUALLY INTENSIFY AND THE AREA OF STRONG WINDS WILL SLOWLY EXPAND AS HELENE MOVES SLOWLY TOWARDS THE NORTHWEST DURING TONIGHT. THE FUTURE COURSE OF HELENE BEYOND 12 HOURS OR SO IS UNCERTAIN THEREFORE ALL INTERESTS FROM EXTREME NORTHEAST FLORIDA NORTHWARD ALONG THE GEORGIA AND CAROLINA COASTS SHOULD KEEP IN CLOSE TOUCH WITH ALL FUTURE ADVISORIES AND BULLETINS FOR POSSIBLE CHANGE OF COURSE OF THE STORM.

SHIPPING IN THE PATH OF THIS HURRICANE SHOULD EXERCISE CAUTION. SEAS AND UNPROTECTED WATERS ALONG THE COAST FROM THE CAROLINA CAPES TO EXTREME NORTHEAST FLORIDA WILL GRADUALLY ROUGHEN DURING TONIGHT AND FRIDAY WITH TIDES IN MANY PLACES BECOMING ONE TO TWO FEET ABOVE NORMAL BY FRIDAY AFTERNOON. SMALL CRAFT SHOULD NOT VENTURE FAR FROM PROTECTED PLACES.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM WITH AN INTERMEDIATE BULLETIN AT 2 AM EST.

DAVIS WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 11 HELENE 11 PM EST SEPTEMBER 25 1958.

REPORTS TONIGHT FROM THE VICINITY OF HURRICANE HELENE INDICATE THAT SHE IS STILL MOVING SLOWLY TOWARDS THE NORTHWEST ABOUT 6 MPH AND AT 11 PM EST...0400Z...WAS LOCATED AT LATITUDE 29.8 NORTH LONGITUDE 74.8 WEST OR 410 STATUTE MILES EASTSOUTHEAST OF JACKSONVILLE FLORIDA.

HIGHEST WINDS WERE ESTIMATED BY RECONNAISSANCE AIRCRAFT AT 100 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND 110 MILES IN THE NORTHEAST SEMICIRCLE AND 80 MILES IN THE SOUTHWEST SEMICIRCLE. GALES EXTEND OUTWARD 220 MILES TO THE NORTHEAST AND 140 MILES TO THE SOUTHWEST.

THE HURRICANE IS EXPECTED TO GRADUALLY INTENSIFY AND THE AREA OF STRONG WINDS SHOULD SLOWLY EXPAND AS HELENE MOVES SLOWLY TOWARDS THE NORTHWEST DURING TONIGHT. THE FUTURE COURSE OF HELENE BEYOND ABOUT 12 HOURS IS UNCERTAIN THEREFORE ALL INTERESTS FROM EXTREME NORTHEAST FLORIDA NORTHWARD ALONG THE GEORGIA AND CAROLINA COASTS SHOULD KEEP IN CLOSE TOUCH WITH ALL FUTURE ADVISORIES AND BULLETINS FOR POSSIBLE CHANGE OF COURSE OF THE STORM.

SHIPPING IN THE PATH OF THIS HURRICANE SHOULD EXERCISE CAUTION. SEAS AND UNPROTECTED WATERS ALONG THE COAST FROM THE CAROLINA CAPES TO EXTREME NORTHEAST FLORIDA WILL GRADUALLY ROUGHEN DURING TONIGHT AND FRIDAY WITH TIDES IN MANY PLACES BECOMING ONE TO TWO FEET ABOVE NORMAL BY FRIDAY AFTERNOON. SMALL CRAFT SHOULD NOT VENTURE FAR FROM PROTECTED PLACES.

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

DAVIS WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE BULLETIN HELENE FOR PRESS RADIO AND TELEVISION 2 AM EST SEPTEMBER 26 1958.

HURRICANE HELENE HAS MOVED VERY LITTLE DURING THE PAST FEW HOURS AND AT 2 AM EST WAS LOCATED ABOUT 400 STATUTE MILES EASTSOUTHEAST OF JACKSONVILLE FLORIDA.

HIGHEST WINDS ARE STILL 100 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE WINDS EXTEND 100 MILES IN THE NORTHEAST SEMICIRCLE AND 80 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD 220 MILES TO THE NORTHEAST AND 140 MILES TO THE SOUTHWEST.

THE HURRICANE SHOULD CONTINUE TO INTENSIFY SLOWLY WITH SOME INCREASE IN SIZE. THE FUTURE COURSE OF HELENE BEYOND THE NEXT 12 HOURS IS UNCERTAIN THEREFORE ALL INTERESTS FROM EXTREME NORTHEAST FLORIDA NORTHWARD ALONG THE GEORGIA AND CAROLINA COASTS SHOULD KEEP IN CLOSE TOUCH WITH ALL FUTURE ADVISORIES AND BULLETINS FOR POSSIBLE CHANGE IN COURSE AND SPEED OF THE STORM TODAY.

SHIPPING IN THE PATH OF THIS HURRICANE SHOULD EXERCISE EXTREME CAUTION. SEAS AND UNPROTECTED WATERS ALONG THE COAST FROM THE CAROLINA CAPES TO EXTREME FLORIDA WILL GRADUALLY ROUGHEN TODAY WITH TIDES IN MANY PLACES BECOMING ONE TO TWO FEET ABOVE NORMAL BY THIS AFTERNOON. SMALL CRAFT SHOULD NOT VENTURE FAR FROM PROTECTED PLACES.

NEXT ADVISORY AT 5 AM EST.

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 12 HELENE 5 AM EST SEPTEMBER 26, 1958.

A HURRICANE WATCH IS ANNOUNCED 5 AM EST FRIDAY FOR THE GEORGIA COAST AND NORTHWARD TO CHARLESTON SOUTH CAROLINA. PEOPLE IN THIS AREA SHOULD PLAN PRECAUTIONS AND SAFEGUARDS NOW AND KEEP IN TOUCH WITH THE LATEST ADVISORIES AND BULLETINS AND BE READY FOR QUICK ACTION IN CASE THE HURRICANE WATCH IS CHANGED TO HURRICANE WARNING.

HOIST GALE WARNINGS 5 AM EST FRIDAY FROM DAYTONA BEACH FLORIDA NORTHWARD ALONG THE GEORGIAN COAST TO WILMINGTON NORTH CAROLINA. WINDS GRADUALLY INCREASING TODAY REACHING GALE FORCE TONIGHT.

SMALL CRAFT FROM THE CAROLINA CAPES SOUTHWARD TO NORTHERN FLORIDA SHOULD REMAIN IN PORT.

AT 5 AM EST...1000Z...RECONNAISSANCE AIRCRAFT LOCATED HURRICANE HELENE AT LATITUDE 29.8 NORTH LONGITUDE 76.1 WEST OR ABOUT 340 STATUTE MILES EAST SOUTHEAST OF JACKSONVILLE FLORIDA. THIS POSITION INDICATES THAT HER COURSE IS NOW WEST NORTHWEST AT 9 MPH.

HIGHEST WINDS ARE ESTIMATED AT 100 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND 110 MILES IN THE NORTHEAST SEMICIRCLE AND 80 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD 220 MILES TO THE NORTHEAST AND 140 MILES TO THE SOUTHWEST. THE LOWEST SEA LEVEL PRESSURE THIS MORNING WAS 982 MILLIBARS OR 29.01 INCHES.

HURRICANE HELENE WILL LIKELY INTENSIFY SLIGHTLY AND SLOWLY EXPAND IN SIZE AS MOVEMENT CONTINUES WEST NORTHWEST NEAR 8 MPH TODAY. INDICATIONS ARE THAT THERE WILL BE LITTLE CHANGE IN DIRECTION AND SPEED TONIGHT.

SEAS AND UNPROTECTED WATERS ALONG THE COAST FROM THE CAROLINA CAPES SOUTHWARD TO EXTREME NORTH FLORIDA WILL GRADUALLY ROUGHEN TODAY AND TONIGHT WITH TIDES BECOMING ONE TO TWO FEET ABOVE NORMAL IN MANY PLACES TODAY. TIDES INCREASING IN THE PATH OF THE HURRICANE TONIGHT.

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

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE BULLETIN HELENE FOR PRESS RADIO AND TV 8 AM EST SEPTEMBER 26 1958.

A HURRICANE WATCH IS IN EFFECT FOR THE GEORGIA COAST AND NORTHWARD TO CHARLESTON SOUTH CAROLINA. PEOPLE IN THIS AREA SHOULD PLAN PRECAUTIONS AND SAFEGUARDS NOW AND KEEP IN TOUCH WITH THE LATEST ADVISORIES AND BULLETINS AND BE READY FOR QUICK ACTION IN CASE THE HURRICANE WATCH IS CHANGED TO HURRICANE WARNING.

GALE WARNINGS ARE DISPLAYED FROM DAYTONA BEACH FLORIDA NORTHWARD ALONG THE GEORGIA AND SOUTH CAROLINA COASTS TO WILMINGTON NORTH CAROLINA. WINDS GRADUALLY INCREASING TODAY REACHING GALE FORCE TONIGHT.

SMALL CRAFT FROM THE CAROLINA CAPES SOUTHWARD TO NORTHERN FLORIDA SHOULD REMAIN IN PORT.

AT 8 AM EST HURRICANE HELENE WAS LOCATED ABOUT 320 STATUTE MILES EAST OF JACKSONVILLE FLORIDA MOVING WESTNORTHWESTWARD NEAR 8 MPH.

HIGHEST WINDS ARE 100 MPH NEAR THE CENTER WITH GALES EXTENDING OUT 220 MILES TO THE NORTHEAST AND 140 MILES TO THE SOUTHWEST. AS OF THIS TIME NO STRONG WINDS HAVE BEEN REPORTED ALONG THE UNITED STATES COAST HOWEVER GALES HAVE BEEN REPORTED FROM SHIPS 150 TO 250 MILES OFF THE SOUTHEAST COAST.

SEAS AND UNPROTECTED WATERS ALONG THE COAST FROM THE CAROLINA CAPES SOUTHWARD TO EXTREME NORTH FLORIDA WILL GRADUALLY ROUGHEN TODAY AND TONIGHT WITH TIDES BECOMING AS MUCH AS TWO FEET ABOVE NORMAL IN MANY PLACES TODAY. TOPSAIL BEACH NEAR WILMINGTON NORTH CAROLINA REPORTED TIDES ONE FOOT ABOVE NORMAL EARLY THIS MORNING. TIDES INCREASING IN THE PATH OF THE HURRICANE TONIGHT.

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

THIS STORM WILL BE UNDER CONSTANT SURVEILLANCE BY RECONNAISSANCE AIRCRAFT TODAY AND THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 AM EST.

SUGG WEATHER BUREAU MIAMI

NEWS STATEMENT ISSUED BY WEATHER BUREAU OFFICE CHARLESTON SOUTH CAROLINA 9 AM EST SEPTEMBER 26, 1958.

AT 8 AM EST TODAY HURRICANE HELENE WAS 285 MILES SOUTHEAST OF CHARLESTON SOUTH CAROLINA AND IT IS MOVING WESTNORTHWEST AT ABOUT 8 MILES PER HOUR. A HURRICANE WATCH IS IN EFFECT FOR THE SOUTH CAROLINA COAST FROM CHARLESTON SOUTHWARD AND GALE WARNING SIGNALS ARE DISPLAYED FOR THE ENTIRE COAST.

RESIDENTS OF THE COASTAL AREA FROM CHARLESTON SOUTHWARD SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO CHANGE THE HURRICANE WATCH TO HURRICANE WARNINGS.

COASTAL RESIDENTS SHOULD BE ESPECIALLY ALERT FOR ADVISORIES GIVING INFORMATION ON THE LOCATION OF THE CENTER AND TAKE NECESSARY PRECAUTIONS FOR VERY HIGH TIDES NEAR AND TO EITHER SIDE OF THE STORM CENTER. ALL STATE RESIDENTS SHOULD BE ALERT TO EXPECT HEAVY RAINS ALONG THE PATH OF THE STORM IF IT SHOULD CROSS THE STATE AND TAKE PRECAUTIONS AGAINST FLASH FLOODS IN ALL STREAMS - LARGE AND SMALL - EVEN CREEKS THAT NORMALLY RUN MOSTLY DRY AT THIS TIME OF YEAR.

COASTAL RESIDENTS ARE FURTHER ADVISED TO TAKE INTO CONSIDERATION THE FLOODING OF CAUSEWAYS AND OTHER EVACUATION ROUTES AND SEE THAT HIGH TIDE DOES NOT CUT OFF THE USUAL ESCAPE ROUTES. HIGH TIDES ALONG THE SOUTH CAROLINA COAST FOR THE NEXT DAY OR TWO WILL BE IN THE EARLY MORNING AND LATE AFTERNOON OR EARLY EVENING WITH THE HIGHER OF THE TWO TIDES BEING IN THE LATE AFTERNOON.

CUMMINGS WEATHER BUREAU CHARLESTON SOUTH CAROLINA

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 13 HELENE 11 AM EST SEPTEMBER 26 1958.

HURRICANE EMERGENCY WARNING 11 AM EST FRIDAY SEPTEMBER 26 1958 CAPE FEAR NORTH CAROLINA TO SAVANNAH GEORGIA. DANGEROUS HURRICANE HELENE NOW CENTERED 200 STATUTE MILES SOUTHEAST OF CHARLESTON SOUTH CAROLINA MOVING NORTHWESTWARD ABOUT 14 MPH. SAFETY PRECAUTIONS SHOULD BE STARTED IMMEDIATELY AND COMPLETED BY SUNSET. STORM TIDES AND HIGH SEAS WILL FLOOD COASTAL LANDS FROM BEAUFORT SOUTH CAROLINA TO WILMINGTON NORTH CAROLINA AND PARTICULARLY FROM CHARLESTON TO CAPE FEAR TO HEIGHTS OF 4 TO 6 FEET ABOVE LEVELS REACHED BY NORMAL TIDES FOR THIS DATE. IN SOME LOCAL AREAS TIDES MAY BE EVEN HIGHER.

DESTRUCTIVE WINDS AND DANGEROUSLY HIGH TIDES SHOULD BEGIN BY EARLY THIS EVENING AND ARE EXPECTED AT THE LATEST BY 10 PM WITH MAXIMUM WINDS 75 TO 100 MILES NEAR THE CENTER OF THE HURRICANE BEGINNING AROUND OR SHORTLY AFTER MIDNIGHT. PRESENT INDICATIONS ARE THAT THE HURRICANE CENTER WILL REACH THE SOUTH CAROLINA COAST NEAR OR A SHORT DISTANCE NORTH OF CHARLESTON. PEOPLE WITHIN THE REACH OF THE FORECAST TIDES AND SEA FLOODS SHOULD EVACUATE IMMEDIATELY BEFORE RISING WATER CUT OFF ESCAPE. THIS IS AN EMERGENCY WARNING REPEAT EMERGENCY WARNING FOR THE AREA FROM BEAUFORT SOUTH CAROLINA TO CAPE FEAR NORTH CAROLINA. GALE WARNINGS ARE ORDERED OR ARE ALREADY DISPLAYED ELSEWHERE FROM SOUTH OF CAPE HATTERAS TO FERNANDINA FLORIDA AND A HURRICANE WATCH IS IN EFFECT FROM SOUTH OF CAPE HATTERAS TO CAPE FEAR AND FROM SAVANNAH TO BRUNSWICK.

SMALL CRAFT IN ALL AREAS FROM CAPE HATTERAS TO FERNANDINA SHOULD REMAIN IN PORT AND IN THE AREA OF HURRICANE DISPLAY SHOULD IMMEDIATELY SEEK PLACES OF SAFETY.

AT 11 AM EST...1600Z...RECONNAISSANCE AIRCRAFT LOCATED HURRICANE HELENE AT LATITUDE 30.8 NORTH LONGITUDE 77.1 WEST OR ABOUT 260 STATUTE MILES EAST OF BRUNSWICK GEORGIA MOVING NORTHWEST AT 14 MPH. AT THAT TIME THE LEADING EDGE OF GALE WINDS WAS ESTIMATED SOME 110 MILES SOUTHEAST OF THE SOUTH CAROLINA COAST.

HIGHEST WINDS ARE 100 MPH NEAR THE CENTER WITH GALES EXTENDING OUT 200 MILES TO THE NORTHEAST AND 140 MILES TO THE SOUTHWEST. AS OF THIS TIME NO STRONG WINDS HAVE BEEN REPORTED ALONG THE U. S. COAST.

THE LOWEST PRESSURE REPORTED THIS MORNING IN THE CENTER WAS 963 MBS. OR 28.44 INCHES. NO IMPORTANT ADDITIONAL INTENSIFICATION IS EXPECTED. SEAS AND UNPROTECTED WATERS ALONG THE COAST FROM CAPE HATTERAS SOUTHWARD TO FERNANDINA WILL STEADILY ROUGHEN TODAY AND SEAS WILL BECOME DANGEROUSLY ROUGH AND HIGH THROUGHOUT THE AREA TONIGHT PARTICULARLY FROM SAVANNAH NORTHWARD. TIDES ARE ALREADY 1 FOOT OR SLIGHTLY MORE ABOVE NORMAL AT MANY PLACES AND WILL INCREASE GRADUALLY TODAY BUT RISING RAPIDLY FROM CHARLESTON NORTHWARD AS THE STORM CENTER APPROACHES THE SOUTH CAROLINA COAST AROUND MIDNIGHT.

SHIPPING IN THE PATH OF THIS HURRICANE SHOULD EXERCISE EXTREME CAUTION. INDIVIDUALS IN THE EFFECTED AREA SHOULD WHERE POSSIBLE NOTE THE LOWEST BAROMETER READING AND HIGHEST TIDE AND TIME OF OCCURRENCE AS THE STORM PASSES.

THE STORM WILL BE UNDER CONSTANT SURVEILLANCE BY RECONNAISSANCE AIRCRAFT TODAY AND TONIGHT. THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 PM EST WITH INTERMEDIATE BULLETINS AT 2 OR 3 HOURLY INTERVALS.

DUNN WEATHER BUREAU MIAMI

LOCAL STATEMENT FROM WEATHER BUREAU OFFICE COLUMBIA SOUTH CAROLINA 1130 AM EST SEPTEMBER 26 1958.

HURRICANE HELENE WAS LOCATED AT 11 AM ABOUT 200 MILES SOUTHEAST OF CHARLESTON MOVING NORTHWEST ABOUT 14 MILES PER HOUR. THIS STORM IS EXPECTED TO CONTINUE A NORTHWESTWARD MOVEMENT REACHING THE SOUTH CAROLINA COAST NEAR OR SLIGHTLY NORTH OF CHARLESTON ABOUT MIDNIGHT TONIGHT.

DESTRUCTIVE WINDS AND DANGEROUS HIGH TIDES SHOULD BEGIN BY EARLY THIS EVENING ALONG THE SOUTH CAROLINA COAST AND ARE EXPECTED AT THE LATEST BY 10 PM. MAXIMUM WINDS 75 TO 100 MPH ARE EXPECTED AROUND MIDNIGHT TONIGHT AS THE CENTER APPROACHES THE SOUTH CAROLINA COAST.

SAFETY PRECUATIONS SHOULD BE STARTED IMMEDIATELY AND COMPLETED BY SUNSET TODAY. PEOPLE WITHIN THE BEACH OF HIGH TIDES AND SEA FLOODS SHOULD EVACUATE IMMEDIATELY BEFORE RISING WATER CUTS OFF ESCAPE.

GALE WINDS AND HEAVY RAINS ARE EXPECTED IN CENTRAL AND NORTHERN SOUTH CAROLINA LATE TONIGHT AND TOMORROW IN CONNECTION WITH THIS STORM. IF RAINS MATERIALIZE FLASH FLOODING IS LIKELY ON ALL STREAMS. PEOPLE WITH MOVABLE PROPERTY AND LIVESTOCK IN THE LOW LANDS SHOULD REMAIN ON THE ALERT FOR FUTURE ADVISORIES.

WEATHER BUREAU OFFICE WILMINGTON NORTH CAROLINA BULLETIN FOR PRESS RADIO AND TELEVISION 1230 EST SEPTEMBER 26 1958.

THE WILMINGTON AREA IS UNDER A HURRICANE EMERGENCY ALERT. HURRICANE WARNINGS ARE DISPLAYED FROM CAPE FEAR SOUTHWARD AND GALE WARNINGS FROM CAPE FEAR TO HATTERAS WITH A HURRICANE ALERT ALSO IN EFFECT FOR THAT AREA. TIDES ARE EXPECTED TO INCREASE ALONG THE NORTH CAROLINA COAST IN THE DISPLAY AREA AND 4 TO 6 FEET ABOVE NORMAL WITH SOME LOCAL AREAS OF HIGHER TIDES THIS EVENING AND TONIGHT.

WINDS WILL INCREASE REACHING GALE AND POSSIBLY HURRICANE FORCE BY MIDNIGHT. ALL PRECAUTIONS SHOULD BEGIN IMMEDIATELY IN PLACES EXPOSED TO HIGH WATER AND WIND. PEOPLE ALONG THE BEACHES SHOULD EVACUATE IMMEDIATELY BEFORE RISING WATER CUTS OFF ESCAPE. ALL SAFETY PRECUATIONS SHOULD BE STARTED AT ONCE AND COMPLETED BY SUNSET.

MIAMI WEATHER BUREAU HURRICANE BULLETIN HELENE FOR PRESS RADIO AND TV 1 PM EST SEPTEMBER 26 1958.

HURRICANE WARNINGS ARE UP ON THE SOUTH ATLANTIC COAST BETWEEN CAPE FEAR N. C. AND SAVANNAH GA. GALE WARNINGS ARE DISPLAYED ELSEWHERE NORTHWARD TO CAPE HATTERAS AND SOUTH TO FERNANDINA FLORIDA WITH A HURRICANE WATCH FROM SOUTH OF CAPE HATTERAS TO CAPE FEAR AND FROM SAVANNAH TO BRUNSWICK GEORGIA.

AT 1 PM EST HURRICANE HELENE WAS LOCATED SOME 230 MILES EAST OF BRUNSWICK GA. MOVING NORTHWESTWARD AT 14 MPH ATTENDED BY WINDS AROUND 100 MPH OVER A SMALL AREA NEAR ITS CENTER WITH HURRICANE FORCE WINDS EXTENDING OUTWARD SOME 90 MILES IN THE NORTHEASTERN SEMICIRCLE AND 70 MILES IN THE SOUTHWESTERN SEMI-CIRCLE.

ALL POSSIBLE SAFETY PRECUATIONS SHOULD BE RUSHED TO COMPLETION BY DARK IN THE HURRICANE WARNING AREA. STORM TIDES AND HIGH SEAS WILL FLOOD COASTAL LANDS ESPECIALLY FROM THE CHARLESTON AREA TO CAPE FEAR TO HEIGHTS OF 4 TO 6 FEET ABOVE NORMAL LEVELS AND IN SOME LOCALITIES TIDES WILL PROBABLY BE EVEN HIGHER. ALL PERSONS WITHIN REACH OF THESE TIDES SHOULD EVACUATE IMMEDIATELY BEFORE ESCAPE IS CUT OFF BY RISING WATER.

SMALL CRAFT ALONG THE COASTLINE FROM CAPE HATTERAS TO FERNANDINA SHOULD REMAIN IN PORT AND IN THE AREA OF HURRICANE DISPLAY SHOULD BE TAKEN TO A SAFE PLACE BEFORE DARK.

THE NEXT BULLETIN WILL BE ISSUED AT 3 PM AND THE NEXT REGULAR ADVISORY AT 5 PM.

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE BULLETIN HELENE FOR PRESS RADIO AND TV 3 PM EST SEPTEMBER 26 1958.

HURRICANE WARNINGS ARE UP ON THE SOUTH ATLANTIC COAST BETWEEN CAPE FEAR N.C. AND SAVANNAH GA. GALE WARNINGS ARE DISPLAYED ELSEWHERE NORTHWARD TO CAPE HATTERAS AND SOUTH TO FERNANDINA FLA. WITH A HURRICANE WATCH FROM SOUTH OF CAPE HATTERAS TO CAPE FEAR AND FROM SAVANNAH TO BRUNSWICK GA.

AT 3 PM EST HURRICANE HELENE WAS LOCATED APPROXIMATELY 160 MILES SOUTHEAST OF CHARLESTON AND HAS BEEN MOVING NORTHWESTWARD DURING THE PAST FEW HOURS AT 10 TO 14 MPH ATTENDED BY WINDS OF 100 MPH OR MORE OVER A SMALL AREA NEAR ITS CENTER WITH HURRICANE FORCE WINDS EXTENDING OUTWARD SOME 90 MILES IN THE NORTHEASTERN SEMICIRCLE AND 70 MILES IN THE SOUTHWESTERN SEMICIRCLE. THE LEADING EDGE OF GALE WINDS NOW APPEARS TO BE SOME 50 TO 60 MILES OFF THE CAROLINA COAST. EARLY THIS AFTERNOON A NAVY RECONNAISSANCE PLANE ESTIMATED SURFACE WINDS OF 125 MPH INDICATING HURRICANE HELENE MAY STILL BE INTENSIFYING.

ALL POSSIBLE SAFETY PRECAUTIONS SHOULD BE RUSHED TO COMPLETION BY DARK IN THE HURRICANE WARNING AREA. STORM TIDES HIGH WAVES AND SEAS WILL FLOOD COASTAL LANDS FROM THE CHARLESTON AREA TO CAPE FEAR TO HEIGHTS OF 6 TO 9 FEET ABOVE NORMAL LEVELS AND POSSIBLY EVEN HIGHER IN SOME LOCALITIES.

ALL PERSONS WITHIN REACH OF THESE TIDES SHOULD EVACUATE IMMEDIATELY BEFORE ESCAPE IS CUT OFF BY RISING WATERS.

ALL INTERESTS SHOULD WATCH FOR STATEMENTS FROM THEIR LOCAL WEATHER BUREAU OFFICES ON LOCAL TIDES AND FOR BULLETINS IN REGARD TO POSSIBLE FLOOD WARNINGS. FLASH FLOODING IS LIKELY IN AREAS OF HEAVY RAINFALL ASSOCIATED WITH HELENE.

A STEADY INCREASE IN WINDS AND TIDES SHOULD BEGIN ALONG THE SOUTH CAROLINA AND ADJACENT COASTS AROUND SUNSET PROBABLY REACHING HURRICANE FORCE AROUND OR SHORTLY AFTER MIDNIGHT.

SMALL CRAFT ALONG THE COASTLINE FROM CAPE HATTERAS TO FERNANDINA SHOULD REMAIN IN PORT AND IN THE AREA OF HURRICANE DISPLAY SHOULD BE TAKEN TO A SAFE PLACE BEFORE DARK.

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

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 14 HELENE 5 PM EST 26 SEPTEMBER 1958.

HURRICANE EMERGENCY WARNINGS ARE DISPLAYED FROM CAPE FEAR N.C. TO SAVANNAH GEORGIA. DANGEROUS HURRICANE HELENE IS NOW CENTERED 140 STATUTE MILES SOUTHEAST OF CHARLESTON SOUTH CAROLINA MOVING STEADILY NORTHWESTWARD AT 12 MPH. SAFETY PRECAUTIONS SHOULD BE COMPLETED AS RAPIDLY AS POSSIBLE. STORM TIDES HIGH WAVES AND HEAVY SEAS WILL FLOOD COASTAL LANDS FROM BEAUFORT SOUTH CAROLINA TO CAPE FEAR TO HEIGHTS 7 TO 10 FEET ABOVE NORMAL LEVELS AND PROBABLY EVEN HIGHER IN SOME LOCALITIES. ALL PERSONS WITHIN REACH OF THESE TIDES SHOULD EVACUATE IMMEDIATELY BEFORE ESCAPE IS CUT OFF BY RISING WATERS.

WINDS SHOULD BEGIN RISING WITHIN THE NEXT FEW HOURS AND BECOME DESTRUCTIVE WITH DANGEROUSLY HIGH TIDES BY 10 PM EST WITH HURRICANE WINDS BEGINNING NEAR MIDNIGHT. INDICATIONS ARE THAT THE HURRICANE CENTER WILL REACH THE SOUTH CAROLINA COAST NEAR CHARLESTON BETWEEN 3 AND 6 AM ATTENDED BY WINDS OF 90 TO 125 MILES AN HOUR CLOSE TO THE CENTER.

THIS IS AN EMERGENCY WARNING REPEAT EMERGENCY WARNING FOR THE AREA FROM SAVANNAH GEORGIA TO CAPE FEAR NORTH CAROLINA. GALE WARNINGS AND A HURRICANE WATCH ARE DISPLAYED FROM SOUTH OF CAPE HATTERAS TO CAPE FEAR. GALE WARNINGS ARE ALSO DISPLAYED SOUTH OF SAVANNAH TO FERNANDINA FLORIDA WITH A HURRICANE WATCH FROM BRUNSWICK TO SAVANNAH.

SMALL CRAFT IN ALL AREAS FROM CAPE HATTERAS TO FERNANDINA SHOULD REMAIN IN PORT AND IN THE AREA OF HURRICANE DISPLAY SHOULD IMMEDIATELY SEEK PLACES OF SAFETY. SHIPPING IN THE PATH OF HURRICANE HELENE SHOULD EXERCISE EXTREME CAUTION.

AT 5 PM EST...2200Z...RECONNAISSANCE AIRCRAFT LOCATE HURRICANE HELENE AT LATITUDE 31.3 NORTH LONGITUDE 78.1 WEST OR ABOUT 140 MILES SOUTHEAST OF CHARLESTON SOUTH CAROLINA MOVING NORTHWEST AT 12 MPH. THE LEADING EDGE OF GALE WINDS IS NOW ESTIMATED TO BE ONLY A SHORT DISTANCE OFF THE SOUTH CAROLINA COAST.

HIGHEST WINDS ARE 125 MPH NEAR THE CENTER WITH HURRICANE WINDS EXTENDING 65 STATUTE MILES OUT IN ALL DIRECTIONS AND GALE WINDS OUT 150 MILES IN MOST DIRECTIONS.

IT CANNOT BE TOO STRONGLY EMPHASIZED THAT THIS IS A VERY DANGEROUS HURRICANE AND ISLANDS BEACHES AND WATERFRONT AREAS MUST BE COMPLETELY EVACUATED IF LOSS OF LIFE IS TO BE AVOIDED. MANY ESCAPE ROUTES WILL BE COVERED WITH WATER BY EARLY THIS EVENING BUT THE MOST RAPID RISE OF THE STORM TIDE WILL OCCUR AS THE HURRICANE CENTER APPROACHES AFTER MIDNIGHT.

THE NEXT REGULAR ADVISORY WILL BE ISSUED AT 11 PM EST BY THE MIAMI WEATHER BUREAU WITH INTERMEDIATE BULLETINS AT 2 HOURLY INTERVALS.

DUNN MIAMI WEATHER BUREAU

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV HELENE 7 PM EST SEPTEMBER 26 1958.

HURRICANE EMERGENCY WARNINGS ARE DISPLAYED FROM CAPE FEAR NORTH CAROLINA TO SAVANNAH GEORGIA. GALE WARNINGS ARE DISPLAYED ELSEWHERE FROM CAPE HATTERAS NORTH CAROLINA TO FERNANDINA FLORIDA WITH A HURRICANE WATCH FROM SOUTH OF CAPE HATTERAS TO CAPE FEAR AND FROM SAVANNAH TO BRUNSWICK GEORGIA.

ALL SAFETY PRECAUTIONS SHOULD BE RUSHED TO COMPLETION AS SOON AS POSSIBLE IN THE AREA OF HURRICANE AND GALE WARNING DISPLAY.

AT 8 PM EST HURRICANE HELENE WAS LOCATED APPROXIMATELY 120 MILES SOUTHEAST OF CHARLESTON SOUTH CAROLINA AND MOVING TOWARDS THE NORTHWEST AT 12 MILES PER HOUR. COASTAL AREAS FROM BEAUFORT SOUTH CAROLINA TO CAPE FEAR NORTH CAROLINA WILL BE FLOODED BY STORM TIDES HIGH WAVES AND HEAVY SEAS TO HEIGHTS OF 7 TO 10 FEET ABOVE NORMAL LEVELS AND PROBABLY HIGHER IN SOME LOCALITIES. ALL PERSONS WITHIN REACH OF THESE TIDES SHOULD EVACUATE IMMEDIATELY BEFORE ESCAPE IS CUT OFF BY RISING WATERS.

WINDS ARE INCREASING AND RAIN SQUALLS HAVE BEGUN MOVING ONTO THE COAST FROM CHARLESTON NORTHWARD BEYOND THE WILMINGTON AREAS. WINDS WILL CONTINUE TO INCREASE AND SQUALLS BECOME MORE FREQUENT AND WINDS WILL BECOME DESTRUCTIVE BY 10 PM EST TONIGHT REACHING HURRICANE FORCE NEAR MIDNIGHT. PRESENT INDICATIONS ARE THAT THE CENTER WILL REACH THE SOUTH CAROLINA COAST IN THE CHARLESTON GEORGETOWN AREA ATTENDED BY WINDS OF 90 TO 125 MILES PER HOUR NEAR THE CENTER.

ALL INTERESTS SHOULD WATCH FOR STATEMENTS FROM THEIR LOCAL WEATHER BUREAU OFFICE ON LOCAL TIDES AND FOR BULLETINS IN REGARD TO POSSIBLE FLOOD WARNINGS. FLASH FLOODING IS LIKELY IN AREAS OF HEAVY RAINFALL ASSOCIATED WITH THIS HURRICANE.

THIS IS A VERY DANGEROUS HURRICANE AND ALL ISLANDS BEACHES AND WATERFRONT AREAS SHOULD BE COMPLETELY EVACUATED TO PREVENT THE LOSS OF LIFE AS MANY ESCAPE ROUTES WILL BE COVERED BY WATER EARLY TONIGHT.

SMALL CRAFT SHOULD REMAIN IN PORT FROM FERNANDINA FLORIDA TO CAPE HATTERAS AND ALL INTERESTS SHOULD KEEP IN CLOSE TOUCH WITH ALL FUTURE ADVISORIES AND BULLETINS FOR POSSIBLE NORTHWARD EXTENSION OF HURRICANE WARNINGS.

THE NEXT REGULAR ADVISORY WILL BE ISSUED AT 11 PM EST WITH INTERMEDIATE BULLETINS AT TWO HOUR INTERVALS.

DAVIS WEATHER BUREAU MIAMI

TIDE STATEMENT FOR SOUTH CAROLINA COAST FROM ST. HELENAS SOUND TO NORTH CAROLINA LINE SEPTEMBER 26 1958 845 PM EST WEATHER BUREAU OFFICE CHARLESTON SOUTH CAROLINA.

IT APPEARS AT THIS TIME THAT HURRICANE HELENE WILL STRIKE THIS COAST IN THE VICINITY OF CHARLESTON VERY CLOSE TO TIME OF HIGH TIDE IN THE MORNING. THIS MEANS THAT THE HIGHEST PORTION OF THE STORM TIDE WILL OCCUR ALONG OUR ADJACENT COASTAL ISLANDS AS FAR NORTH AS MURRELS ISLET. THESE AREAS SHOULD ANTICIPATE A STORM TIDE HEIGHT BETWEEN 4 TO 8 AM AS MUCH AS 12 TO 15 FEET ABOVE MEAN LOW WATER. THIS IS 5 TO 8 FEET ABOVE THE HIGHEST NORMAL TIDES OCCURRING ALONG OUR COAST AND COMPARES WITH THE HIGHEST TIDES EVER EXPERIENCED ALONG THIS COAST IN 1752 AND 1893. WAVE HEIGHTS HAVE ALREADY BEEN REPORTED VERY HIGH. THESE WAVES WILL INCREASE ENORMOUSLY AND WILL DO EXTENSIVE DAMAGE TO EXPOSED AREAS. A VERY RAPID RISE IN THE WATER IS EXPECTED TO BEGIN SHORTLY AFTER MIDNIGHT. EVERY LAST MINUTE PRECAUTION SHOULD BE TAKEN BEFORE THIS TIME. LAST MINUTE CHANGES IN THE FORWARD MOVEMENT AND DIRECTION OF THE STORM MAKES IT IMPERATIVE THAT THE ENTIRE COASTAL AREA FROM NORTH CAROLINA TO ST. HELENAS SOUND BE EVACUATED IMMEDIATELY. THIS NOT ONLY INCLUDES THE OUTER ISLANDS. THERE ARE REPORTS OF SOME FAMILIES REMAINING ON OUR COASTAL ISLANDS. YOU PEOPLE ARE TAKING A GRAVE RESPONSIBILITY ON YOUR HANDS AND ARE GAMBLING WITH YOUR LIVES. YOU CANNOT POSSIBLY FORESEE WHAT THIS STORM WILL DO. PLEASE GET BACK TO HIGH GROUND AND AWAY FROM THE COAST IMMEDIATELY.

MIAMI WEATHER BUREAU BULLETIN HELENE FOR PRESS RADIO AND TV 9 PM EST SEPTEMBER 26 1958.

HURRICANE EMERGENCY WARNINGS ARE DISPLAYED FROM CAPE FEAR NORTH CAROLINA TO SAVANNAH GEORGIA. GALE WARNINGS ARE DISPLAYED ELSEWHERE FROM CAPE HATTERAS NORTH CAROLINA TO FERNANDINA FLORIDA WITH A HURRICANE WATCH FROM SOUTH OF CAPE HATTERAS TO CAPE FEAR AND FROM SAVANNAH TO BRUNSWICK GEORGIA.

ALL SAFETY PRECAUTIONS FOR THE PROTECTION OF LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION IMMEDIATELY IN THE AREA OF HURRICANE WARNING AND GALE WARNING DISPLAY.

REPORTS FROM COASTAL STATIONS AND RECONNAISSANCE AIRCRAFT NEAR AND IN THE OUTER FRINGES OF HURRICANE HELENE INDICATE SHE IS STILL MOVING IN A NORTHWESTERLY DIRECTION ABOUT 12 MPH AND AT 9 PM EST THE CENTER WAS LOCATED SOME 110 STATUTE MILES SOUTHEAST OF CHARLESTON SOUTH CAROLINA. COASTAL AREAS FROM THE BEAUFORT SOUTH CAROLINA AREA NORTHWARD TO THE WILMINGTON NORTH CAROLINA AREA WILL BE FLOODED BY STORM TIDES HIGH WAVES AND HEAVY SEAS TO HEIGHTS OF 7 TO 10 FEET ABOVE NORMAL AND PROBABLY HIGHER IN SOME PLACES. ALL PERSONS WITHIN REACH OF THESE HIGH TIDES SHOULD EVACUATE IMMEDIATELY BEFORE ESCAPE IS CUT OFF BY RISING WATERS PARTICULARLY FROM THE CHARLESTON AREA NORTHWARD.

WIND AREAS GRADUALLY INCREASING AND RAIN SQUALLS BECOMING NUMEROUS ALONG THE COAST FROM WILMINGTON SOUTHWARD TO THE CHARLESTON AREA. WINDS WILL CONTINUE TO INCREASE AND SQUALLS BECOME MORE FREQUENT AS THE HURRICANE PROGRESSES WITH WINDS BECOMING DESTRUCTIVE AND REACHING HURRICANE FORCE NEAR MIDNIGHT.

PRESENT INDICATIONS ARE THAT THE CENTER WILL REACH THE SOUTH CAROLINA COAST IN THE CHARLESTON GEORGETOWN AREA ATTENDED BY WINDS OF 90 TO 125 MILES PER HOUR NEAR THE HURRICANES CENTER. ALL INTERESTS SHOULD KEEP IN CLOSE TOUCH WITH FUTURE ADVISORIES AND BULLETINS FOR POSSIBLE NORTHWARD EXTENSION OF HURRICANE WARNINGS.

ALL INTERESTS SHOULD CONTINUE TO WATCH FOR STATEMENTS FROM LOCAL WEATHER BUREAU OFFICES ON LOCAL TIDES AND POSSIBLE FLOOD WARNINGS. HEAVY RAINS WILL LIKELY CAUSE FLASH FLOODING IN SOME SECTION.

IT IS STRONGLY EMPHASIZED THAT THIS IS A VERY DANGEROUS AND SEVERE HURRICANE AND ALL ISLANDS BEACHES AND WATERFRONT AREAS PARTICULARLY FROM THE CHARLESTON AREA NORTHWARD SHOULD BE COMPLETELY EVACUATED TO PREVENT THE LOSS OF LIFE AS MANY ESCAPE ROUTES WILL BE COMPLETELY COVERED BY WATER WITHIN A VERY SHORT TIME.

SMALL CRAFT FROM FERNANDINA FLORIDA TO CAPE HATTERAS SHOULD REMAIN IN PORT.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST WITH INTERMEDIATE BULLETINS AT TWO HOURLY INTERVALS.

DAVIS WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 15 HELENE 11 PM EST 26 SEPTEMBER 1958.

CHANGE TO HURRICANE WARNINGS NORTH OF CAPE FEAR TO CAPE HATTERAS NORTH CAROLINA AND HOIST GALE WARNINGS NORTH OF CAPE HATTERAS TO THE VIRGINIA CAPES AT 11 PM EST.

HURRICANE EMERGENCY WARNINGS ARE DISPLAYED FROM SAVANNAH GEORGIA NORTHWARD TO CAPE HATTERAS NORTH CAROLINA. DANGEROUS HURRICANE HELENE IS NOW CENTERED 100 MILES EAST SOUTHEAST OF CHARLESTON SOUTH CAROLINA MOVING ON A COURSE BETWEEN NORTHWEST AND NORTH NORTHWEST AT 10 MPH. ALL SAFETY PRECAUTIONS SHOULD BE RUSHED TO COMPLETION AND CONTINUED AS EARLY AS POSSIBLE. STORM TIDES HIGH WAVES AND HEAVY SEAS WILL FLOOD COASTAL LANDS FROM THE CHARLESTON SOUTH CAROLINA TO CAPE HATTERAS AREA TO HEIGHTS OF 7 TO 10 FEET ABOVE NORMAL AND PROBABLY HIGHER IN SOME PLACES. ALL PERSONS WITHIN REACH OF THESE TIDES SHOULD EVACUATE IMMEDIATELY BEFORE ESCAPE IS CUT OFF BY RISING WATERS.

WINDS ARE NOW INCREASING AND HEAVY RAIN SQUALLS MOVING IN ON THE CAROLINA COASTS AND WINDS WILL CONTINUE TO INCREASE AND RAIN SQUALLS BECOME MORE NUMEROUS FROM THE CHARLESTON AREA NORTHWARD AS THE HURRICANE PROGRESSES WITH WINDS BECOMING DESTRUCTIVE AND REACHING HURRICANE FORCE AROUND MIDNIGHT.

THE PRESENT COURSE AND SPEED OF THE HURRICANE WOULD BRING THE CENTER TO THE COAST IN THE GEORGETOWN MYRTLE BEACH SOUTH CAROLINA AREA LATE TONIGHT OR EARLY SATURDAY MORNING ATTENDED BY WINDS OF 90 TO 125 MILES PER HOUR NEAR THE CENTER.

AT 11 PM EST...0400Z...RECONNAISSANCE AIRCRAFT AND LAND BASED RADAR REPORTS LOCATE HURRICANE HELENE AT LATITUDE 32.0 NORTH LONGITUDE 78.5 WEST OR 100 STATUTE MILES EAST SOUTHEAST OF CHARLESTON SOUTH CAROLINA MOVING BETWEEN NORTHWEST AND NORTH NORTHWEST AT 10 MPH.

HIGHEST WINDS ARE 125 MPH NEAR THE CENTER WITH HURRICANE WINDS EXTENDING 65 MILES OUT IN ALL DIRECTIONS AND GALE WINDS OUTWARD 150 MILES IN MOST DIRECTIONS.

THIS IS STILL A VERY SEVERE AND DANGEROUS HURRICANE AND ISLANDS BEACHES AND WATERFRONT AREAS SHOULD BE COMPLETELY EVACUATED IF LOSS OF LIFE TO BE AVOIDED PARTICULARLY IN THE AREA FROM CHARLESTON NORTHWARD. MANY ESCAPE ROUTES WILL BECOME COVERED WITH WATER WITH A RAPID RISE IN THE WATER HEIGHT AS THE STORM CENTER APPROACHES.

THE NEXT REGULAR ADVISORY WILL BE ISSUED AT 5 AM EST WITH INTERMEDIATE BULLETINS AT 2 HOUR INTERVALS.

DAVIS WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU BULLETIN HELENE FOR PRESS RADIO AND TV 1 AM EST SEPTEMBER 27 1958.

HURRICANE WARNINGS ARE DISPLAYED FROM SAVANNAH GEORGIA TO CAPE HATTERAS. GALE WARNINGS ARE DISPLAYED FROM CAPE HATTERAS NORTHWARD TO THE VIRGINIA CAPES AND SOUTH OF SAVANNAH TO FERNANDINA FLORIDA.

AT 1 AM EST HURRICANE HELENE WAS LOCATED ABOUT 75 MILES SOUTHEAST OF THE COAST BETWEEN CHARLESTON AND GEORGETOWN SOUTH CAROLINA. THE HURRICANE CONTINUES TO MOVE BETWEEN NORTHWEST AND NORTHNORTHWEST AT 10 MPH. THIS WOULD INDICATE THAT HELENE WOULD MOVE INLAND IN THE GEORGETOWN MYRTLE BEACH SOUTH CAROLINA AREA EARLY THIS MORNING ATTENDED BY WINDS OF 90 TO 125 MPH NEAR THE CENTER.

WINDS ARE NOW INCREASING WITH GUSTS TO 45 MPH REPORTED AT SULLIVANS ISLAND WHICH IS NEAR CHARLESTON SOUTH CAROLINA. BAROMETERS ARE FALLING RAPIDLY IN THIS AREA AND THE PRESSURE DROPPED TO 29.38 INCHES AT SULLIVANS ISLAND AT MIDNIGHT. WINDS INCREASING BECOMING DESTRUCTIVE IN THE AREA OF HURRICANE WARNING DISPLAY DURING THESE EARLY MORNING HOURS.

THIS IS STILL A VERY SEVERE AND DANGEROUS HURRICANE AND ISLANDS BEACHES AND WATERFRONT AREAS SHOULD BE COMPLETELY EVACUATED IF LOSS OF LIFE IS TO BE AVOIDED PARTICULARLY IN THE AREA FROM CHARLESTON NORTHWARD TO CAPE HATTERAS. IN THIS AREA TIDES ARE EXPECTED TO BE FROM 7 TO 10 FEET ABOVE NORMAL AND PROBABLY HIGHER IN SOME PLACES. MANY ESCAPE ROUTES WILL BECOME COVERED WITH WATER AND THERE WILL BE A RAPID RISE IN THE WATER HEIGHT AS THE STORM CENTER APPROACHES.

HURRICANE HELENE IS UNDER CONSTANT SURVEILLANCE BY RECONNAISSANCE AIRCRAFT AND LAND BASED RADAR.

NEXT BULLETIN WILL BE ISSUED AT 3 AM AND NEXT REGULAR ADVISORY AT 5 AM EST.

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU BULLETIN HELENE FOR PRESS RADIO AND TV 3 AM EST SEPTEMBER 27 1958.

HURRICANE WARNINGS ARE DISPLAYED FROM SAVANNAH GEORGIA NORTHWARD TO CAPE HATTERAS. GALE WARNINGS ARE DISPLAYED FROM CAPE HATTERAS TO THE VIRGINIA CAPES AND SOUTH OF SAVANNAH TO FERNANDINA FLORIDA.

AT 3 AM EST HURRICANE HELENE WAS LOCATED ABOUT 55 MILES SOUTHEAST OF THE COAST NEAR GEORGETOWN SOUTH CAROLINA. THE HURRICANE IS MOVING NORTHNORTHWEST AT 10 MPH. THIS WOULD INDICATE THAT THE CENTER WOULD MOVE INLAND IN THE MYRTLE BEACH SOUTH CAROLINA AREA EARLY THIS MORNING ATTENDED BY WINDS OF 90 TO 125 MPH NEAR THE CENTER.

WINDS CONTINUE TO INCREASE IN THE THREATENED AREA WITH GUSTY WINDS OF GALE FORCE REPORTED AT CHARLESTON AND FRYING PAN SHOALS. SULLIVANS ISLAND NOW ESTIMATES GUSTS TO 50 MPH. HEAVY RAIN SQUALLS WILL CONTINUE AS WINDS WILL INCREASE BECOMING DESTRUCTIVE IN THE AREA OF HURRICANE WARNING CHARLESTON NORTHWARD.

THIS IS STILL A VERY SEVERE AND DANGEROUS HURRICANE AS INDICATED BY THE LATEST REPORTED PRESSURE OF 27.55 INCHES IN THE EYE. ONCE AGAIN IT IS IMPERATIVE THAT ISLANDS BEACHES AND WATERFRONT AREAS BE COMPLETELY EVACUATED IF LOSS OF LIFE IS TO BE AVOIDED IN THE AREA FROM CHARLESTON NORTHWARD TO CAPE HATTERAS. IN THIS AREA TIDES ARE EXPECTED TO BE FROM 7 TO 10 FEET ABOVE NORMAL AND PROBABLY HIGHER IN SOME PLACES. MANY ESCAPE ROUTES WILL BECOME COVERED WITH WATER AND THERE WILL BE A RAPID RISE IN THE WATER HEIGHT AS THE STORM CENTER APPROACHES.

HURRICANE HELENE CONTINUES TO BE UNDER CONSTANT SURVEILLANCE BY RECONNAISSANCE AIRCRAFT AS WELL AS CIVIL AND MILITARY LAND BASED RADAR.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 16 HELENE 5 AM EST 27 SEPTEMBER 1958.

HURRICANE EMERGENCY WARNINGS REMAIN DISPLAYED NORTH OF CHARLESTON SOUTH CAROLINA TO CAPE HATTERAS. GALE WARNINGS DISPLAYED CAPE HATTERAS TO THE VIRGINIA CAPES. LOWER ALL WARNINGS CHARLESTON SOUTHWARD TO FERNANDINA FLORIDA HOWEVER SMALL CRAFT IN THIS AREA SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE.

DANGEROUS HURRICANE HELENE IS NOW ABOUT 50 STATUTE MILES SOUTHSOUTHEAST OF MYRTLE BEACH SOUTH CAROLINA MOVING NORTH NORTHWEST TO NORTH 10 TO 12 MPH. ALL SAFETY PRECAUTIONS IN THIS AREA OF HURRICANE WARNING DISPLAY SHOULD BE COMPLETED AS STORM TIDES HIGH WAVES AND HEAVY SEAS WILL FLOOD COASTAL LANDS FROM GEORGETOWN SOUTH CAROLINA TO CAPE HATTERAS TO HEIGHTS OF 7 TO 10 FEET ABOVE NORMAL AND PROBABLY HIGHER IN SOME PLACES. ONCE AGAIN IT IS IMPERATIVE THAT ISLANDS BEACHES AND WATERFRONT AREAS BE COMPLETELY EVACUATED IF LOSS OF LIFE IS TO BE AVOIDED IN THE AREA FROM GEORGETOWN TO CAPE HATTERAS.

THE PRESENT COURSE AND SPEED OF HURRICANE HELENE WOULD BRING THE CENTER TO THE COAST NEAR MYRTLE BEACH LATE THIS FORENOON ATTENDED BY WINDS OF 90 TO 125 MPH ALONG THE COAST FROM THIS POINT TO CAPE HATTERAS.

AT 5 AM EST...1000Z...RECONNAISSANCE AIRCRAFT AND LAND BASED RADAR LOCATE THE CENTER OF HURRICANE HELENE AT LATITUDE 32.9 N LONGITUDE 78.6 W OR ABOUT 50 STATUTE MILES SOUTH SOUTHEAST OF MYRTLE BEACH SOUTH CAROLINA MOVING NORTH NORTHWEST TO NORTH 10 TO 12 MPH.

HIGHEST WINDS ARE 125 MPH NEAR THE CENTER AND GALE WINDS EXTEND OUTWARD 150 MILES IN MOST DIRECTIONS. WINDS NEAR THE CENTER WILL DECREASE RAPIDLY AFTER THE STORM MOVES INLAND TODAY HOWEVER THE EYE OF THE STORM IN GENERAL WILL REMAIN ABOUT THE SAME AND GALES WILL CONTINUE TO COVER AN AREA OF ABOUT 150 MILES IN ALL DIRECTIONS.

HEAVY RAINS ARE INDICATED OVER EASTERN NORTH CAROLINA AND SOUTHEASTERN VIRGINIA TODAY.

HURRICANE HELENE CONTINUES TO BE UNDER CONSTANT SURVEILLANCE BY RECONNAISSANCE AIRCRAFT AS WELL AS CIVIL AND MILITARY LAND BASED RADAR.

BULLETINS WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 7 AM AND 9 AM EST. THE NEXT REGULAR ADVISORY ON HURRICANE HELENE WILL BE ISSUED BY THE WASHINGTON WEATHER BUREAU AT 11 AM EST.

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU BULLETIN HELENE FOR PRESS RADIO AND TV 7 AM EST SEPTEMBER 27, 1958.

A HURRICANE WATCH IS ANNOUNCED AT 7 AM EST FOR THE AREA FROM CAPE HATTERAS TO THE VIRGINIA CAPES.

HURRICANE WARNINGS ARE DISPLAYED FROM NORTH OF CHARLESTON SOUTH CAROLINA TO CAPE HATTERAS. GALE WARNINGS DISPLAYED CAPE HATTERAS TO THE VIRGINIA CAPES. SMALL CRAFT SOUTH OF CHARLESTON TO FERNANDINA FLORIDA SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE.

AT 7 AM EST HURRICANE HELENE WAS LOCATED ABOUT 40 STATUTE MILES SOUTHEAST OF MYRTLE BEACH SOUTH CAROLINA MOVING IN A NORTHERLY DIRECTION 10 TO 12 MPH. THIS WOULD INDICATE THAT THE CENTER WOULD MOVE INLAND NEAR OR JUST EAST OF MYRTLE BEACH LATE THIS FORENOON ATTENDED BY WINDS OF 90 TO 125 MPH ALONG THE COAST FROM THIS POINT TO CAPE HATTERAS.

WINDS ARE INCREASING IN THE THREATENED AREA AND PEAK GUSTS OF NEAR 50 MPH HAVE BEEN REPORTED AT MYRTLE BEACH OCEAN DRIVE BEACH AND AT THE WEATHER BUREAUS MOBILE WEATHER UNIT AT GEORGETOWN SOUTH CAROLINA. GUSTS TO NEAR 60 MPH HAVE BEEN REPORTED AT CHARLESTON AND AT FORT FISHER LOCATED NEAR CAPE FEAR. THESE WINDS ARE ACCOMPANIED BY MODERATE TO HEAVY RAIN SQUALLS.

TIDES WILL CONTINUE TO RISE FROM GEORGETOWN SOUTH CAROLINA TO CAPE HATTERAS REACHING HEIGHTS OF 7 TO 10 FEET ABOVE NORMAL AND PROBABLY HIGHER IN SOME PLACES. WRIGHTSVILLE BEACH REPORTS THAT WATER IS BREAKING THROUGH THE STREETS AND WATER IS REPORTED BREAKING THROUGH THE SAND DUNES AT CAROLINA BEACH. WAVES ARE AS MUCH AS 12 FEET OFF CAROLINA BEACH AT THIS TIME.

HEAVY RAINS ARE INDICATED OVER EASTERN NORTH CAROLINA AND SOUTHEASTERN VIRGINIA TODAY.

HURRICANE HELENE CONTINUES TO BE UNDER CONSTANT SURVEILLANCE BY RECONNAISSANCE AIRCRAFT AS WELL AS CIVIL AND MILITARY LAND BASED RADAR.

NEXT BULLETIN WILL BE ISSUED FROM THE MIAMI WEATHER BUREAU AT 9 AM EST. NEXT ADVISORY ON HURRICANE HELENE WILL BE ISSUED BY THE WASHINGTON WEATHER BUREAU AT 11 AM EST.

SUGG WEATHER BUREAU MIAMI

WEATHER BUREAU OFFICE WILMINGTON NORTH CAROLINA BULLETIN FOR PRESS RADIO AND TELEVISION 8 AM EST SEPTEMBER 27 1958

HURRICANE HELENE AT 7 AM THIS MORNING WAS 40 MILES SOUTHEAST OF MYRTLE BEACH MOVING NORTHNORTHWEST TO NORTH 10 TO 12 MPH. HURRICANE WARNINGS ARE DISPLAYED NORTH TO HATTERAS.

THE CENTER OF HELENE IS EXPECTED TO CROSS THE COASTLINE LATE THIS MORNING NEAR OR SLIGHTLY NORTH OF MYRTLE BEACH ATTENDED BY WINDS OF 90 TO 125 MPH NORTH TO HATTERAS. TIDES ARE EXPECTED TO REACH 7 TO 10 FEET ABOVE NORMAL LEVELS WITH SOME PLACES EVEN HIGHER.

WE EMPHASIZE AGAIN THAT ALL BEACHES ISLANDS AND WATERFRONT AREAS SHOULD BE EVACUATED IN THE HURRICANE WARNING AREA IF LOSS OF LIFE IS TO BE AVOIDED. WINDS ALONG THE NORTH CAROLINA COAST WILL CONTINUE TO INCREASE STEADILY UNTIL THE CENTER PASSES INLAND. ALL PRECAUTIONS NOT COMPLETED SHOULD BE RUSHED TO COMPLETION.

HURRICANE HELENES CENTER AT 8 AM EST IS LOCATED SOME 75 MILES SOUTH SOUTHWEST OF WILMINGTON MOVING IN A NORTHERLY DIRECTION. THIS PATH IS ALMOST THE SAME AS HURRICANE HAZEL.

WEATHER BUREAU OFFICE COLUMBIA SOUTH CAROLINA 8:15 AM EST SEPTEMBER 27 1958

THE FOLLOWING LOCAL STATEMENT TO NEWS INTERESTS IN THE CENTRAL SOUTH CAROLINA AREA.

THE SUSTAINED NORTHWARD PROGRESS OF HURRICANE HELENE CONTINUES TO DIMINISH THE THREAT OF HEAVY RAINS AND SEVERE WEATHER TO THE CENTRAL SOUTH CAROLINA AREA. INLAND COUNTIES IN NORTHEAST SOUTH CAROLINA INCLUDING MARION DILLION AND MARLBORO REMAIN UNDER THE THREAT OF HEAVY RAINS AND GALE FORCE WINDS IN CONNECTION WITH THE STORM. HOWEVER THE FLOODING THREAT TO THE SANTEE RIVER SYSTEM IS CONSIDERABLY ALLEVIATED ALTHOUGH CHANGE TOWARDS A MORE WESTERLY COURSE WOULD BRING HEAVY RAINS INTO THE CATAWBA WATEREE AND BROAD BASINS.

PURVIS WEATHER BUREAU AIRPORT STATION COLUMBIA SOUTH CAROLINA

MIAMI WEATHER BUREAU BULLETIN HELENE FOR PRESS RADIO AND TV 9 AM EST SEPTEMBER 27 1958.

HURRICANE WATCH IS IN EFFECT FOR THE AREA FROM CAPE HATTERAS TO THE VIRGINIA CAPES.

HURRICANE WARNINGS ARE DISPLAYED FROM NORTH OF CHARLESTON SOUTH CAROLINA TO CAPE HATTERAS. GALE WARNINGS DISPLAYED CAPE HATTERAS TO THE VIRGINIA CAPES. SMALL CRAFT SOUTH OF CHARLESTON TO FERNANDINA FLORIDA SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE.

AT 9 AM EST HURRICANE HELENE WAS LOCATED ABOUT 40 STATUTE MILES SOUTHWEST OF CAPE FEAR MOVING IN A NORTHERLY DIRECTION NEAR OR SLIGHTLY LESS THAN 10 MPH. THIS WOULD INDICATE THAT THE CENTER WOULD MOVE VERY CLOSE TO CAPE FEAR LATE THIS FORENOON ATTENDED BY WINDS OF 90 TO 125 MPH IN THIS AREA AND NORTHEASTWARD TO CAPE HATTERAS.

WINDS HAVE INCREASED IN THIS THREATENED AREA WITH GUSTS AS HIGH AS 60 MPH REPORTED AT FORT FISHER LOCATED NEAR CAPE FEAR AND AT THE WEATHER BUREAU MOBILE WEATHER UNIT LOCATED AT GEORGETOWN SOUTH CAROLINA. GUSTS UP TO 90 MPH ARE REPORTED AT THE OAK ISLAND COAST GUARD STATION. THESE WINDS ARE ACCOMPANIED BY MODERATE TO HEAVY RAIN SQUALLS GEORGETOWN REPORTS 2.50 INCHES OF RAIN THIS MORNING. WINDS OF 70 TO 80 MPH WITH GUSTS TO 90 MPH ARE REPORTED AT FRYING PAN SHOALS LIGHT SHIP LOCATED JUST SOUTHEAST OF WILMINGTON N.C.

TIDES WILL CONTINUE TO RISE FROM NORTHEAST OF MYRTLE BEACH TO CAPE HATTERAS REACHING HEIGHTS OF 7 TO 10 FEET ABOVE NORMAL AND PROBABLY HIGHER IN SOME PLACES. WRIGHTSVILLE BEACH REPORTS THAT WATER IS BREAKING THROUGH THE STREETS AND MURRELS INLET HAS TIDES 3 TO 4 FEET ABOVE NORMAL. WAVES WERE AS MUCH AS 12 FEET OFF CAROLINA BEACH EARLY THIS MORNING.

HEAVY RAINS ARE INDICATED OVER EASTERN CAROLINA AND SOUTHEASTERN VIRGINIA TODAY.

HURRICANE HELENE CONTINUES TO BE UNDER CONSTANT SURVEILLANCE BY RECONNAISSANCE AIRCRAFT AS WELL AS CIVIL AND MILITARY LAND BASED RADAR.

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

SUGG WEATHER BUREAU MIAMI

LOCAL STATEMENT FROM WEATHER BUREAU OFFICE CHARLESTON SOUTH CAROLINA 9:25 AM EST SEPTEMBER 27 1958.

HURRICANE HELENE PASSED ABEAM CHARLESTON AT 0500 EST DISTANCE 85 MILES WITH GUSTS UP TO 63 MILES PER HOUR AT 501 AM EST AT AIRPORT GUSTS TO 60 MPH AT SULLIVANS ISLAND AND AT CITY OFFICE. EXCELLENT RADAR COVERAGE ON WEATHER BUREAU RADAR WITH DISTINCT EYE OF 25 TO 30 MILES FROM ABOUT 11:30 PM TO CURRENT TIME. EIGHT FOOT SWELLS OFF SULLIVANS ISLAND BREAKING ON BEACH AT 5 TO 6 FEET. HEAVY PRECIPITATION AT SEA BUT DIMINISHED RAPIDLY AT SHORE LINE.

LOWEST PRESSURE AT SULLIVANS ISLAND 29.35 AT 420 AM AND LOWEST AT AIRPORT 29.48 AT 5 AM SUSTAINED WIND AT AIRPORT 4 AM TO 6 AM OF 30 KNOTS.

CUMMINGS WEATHER BUREAU OFFICE CHARLESTON S.C.

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 17 HELENE 11 AM EST SEPTEMBER 27 1958.

EXTEND HURRICANE EMERGENCY WARNINGS NORTH FROM HATTERAS TO MANTEO NORTH CAROLINA. CONTINUE HURRICANE WARNINGS BETWEEN HATTERAS NORTH CAROLINA AND MYRTLE BEACH SOUTH CAROLINA. CONTINUE GALE WARNINGS VIRGINIA CAPES TO MANTEO NORTH CAROLINA. SMALL CRAFT SHOULD REMAIN IN PORT SOUTH OF MYRTLE BEACH TO SAVANNAH GEORGIA.

DANGEROUS HURRICANE HELENE IS NOW ABOUT 50 STATUTE MILES SOUTH OF WILMINGTON NORTH CAROLINA MOVING NORTHEAST 10 MPH. SAFETY PRECAUTIONS SHOULD BE COMPLETED IN THE AREA OF HURRICANE WARNING DISPLAY AT THE EARLIEST POSSIBLE TIME. UNUSUALLY HIGH STORM TIDES HIGH WAVES AND HEAVY SEAS WILL FLOOD COASTAL LANDS FROM MYRTLE BEACH SOUTH CAROLINA TO HATTERAS NORTH CAROLINA TO HEIGHTS OF 7 TO 10 FEET ABOVE NORMAL AND PROBABLY HIGHER SOME PLACES. IT IS IMPERATIVE THAT ISLAND BEACHES AND COASTAL LOWLANDS BE EVACUATED CAPE FEAR TO HATTERAS NORTH CAROLINA. TIDES NORTH OF HATTERAS TO NORFOLK EXPECTED TO RISE TO 3 TO 5 FEET ABOVE NORMAL BY TONIGHT.

THE EXPECTED COURSE AND SPEED OF HURRICANE HELENE WILL MOVE THE CENTER ALONG THE SOUTHEAST COAST OF NORTH CAROLINA PASSING NEAR CAPE HATTERAS AT MIDNIGHT. THE HIGHEST WINDS REPORTED SO FAR WAS 120 MPH AT FRYING PAN LIGHTSHIP OFF WILMINGTON NORTH CAROLINA.

AT 11 AM EST...1600Z...THE CENTER OF HURRICANE HELENE WAS LOCATED BY LAND BASED RADAR AND AIRCRAFT RECONNAISSANCE AT LATITUDE 33.6 N LONGITUDE 78.0 W OR ABOUT 50 STATUTE MILES SOUTH OF WILMINGTON NORTH CAROLINA. THE PRESENT MOVEMENT IS TOWARD THE NORTHEAST 10 MPH. THE HURRICANE IS EXPECTED TO CONTINUE NORTHEAST DIRECTION WITH A GRADUAL INCREASE IN THE FORWARD SPEED.

HIGHEST WINDS ARE 125 MPH NEAR THE CENTER AND GALE WINDS EXTEND OUTWARD 150 MILES IN EASTERN AND 130 MILES IN WESTERN SEMICIRCLE. NO CHANGE IN SIZE OR INTENSITY EXPECTED.

HEAVY RAINS ARE INDICATED OVER EASTERN NORTH CAROLINA AND PORTIONS OF SOUTHEASTERN VIRGINIA THIS AFTERNOON AND TONIGHT.

BULLETINS WILL BE ISSUED AT 1 AND 3 PM THIS AFTERNOON. THE NEXT REGULAR ADVISORY WILL BE ISSUED BY WEATHER BUREAU AT WASHINGTON NATIONAL AIRPORT AT 5 PM EST.

HOOVER WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU BULLETIN HELENE FOR PRESS RADIO AND TV 1 PM EST SEPTEMBER 27 1958.

HURRICANE WATCH IS IN EFFECT FROM THE VIRGINIA CAPES TO MANTEO NORTH CAROLINA AND HURRICANE WARNINGS ARE UP FROM MANTEO TO MYRTLE BEACH SOUTH CAROLINA. GALE WARNINGS ARE CONTINUED NORTH OF MANTEO TO THE VIRGINIA CAPES AND SMALL CRAFT SHOULD REMAIN IN PORT SOUTH OF MYRTLE BEACH TO SAVANNAH GEORGIA UNTIL WINDS AND SEAS SUBSIDE.

AT 1 PM EST HURRICANE HELENE WAS LOCATED BY LAND BASED RADAR AND ALSO SURFACE WEATHER OBSERVATIONS ABOUT 40 STATUTE MILES SOUTH SOUTHEAST OF WILMINGTON NORTH CAROLINA. HELENE IS MOVING ON A COURSE TOWARD THE NORTHEAST AT 10 MPH WHICH WILL BRING THE CENTER IN THE VICINITY OF CAPE HATTERAS AROUND MIDNIGHT.

WINDS HAVE INCREASED ALONG THE CAROLINA COAST IN THE WILMINGTON CAPE FEAR AREA. AT WILMINGTON WINDS ARE RUNNING 65 TO 75 MPH FROM THE NORTHEAST WITH GUSTS UP 118 MPH. AT SHALLOTTE NORTH CAROLINA ALL BEACHES ARE COVERED BY WATER AND WINDS ARE 75 TO 80 MPH. HIGHWAY PATROL REPORTS WINDS 100 MPH AT SOUTHPORT NORTH CAROLINA WITH TIDES 6 AND ONE HALF FEET ABOVE NORMAL. ALL BEACHES IN THE WILMINGTON AREA UNDER WATER WITH TIDES 6 TO 10 FEET ABOVE NORMAL. FRYING PAN LIGHT SHIP JUST OFF CAPE FEAR AND JUST 20 MILES SOUTHEAST OF THE CENTER OF HELENE REPORTS SOUTH WINDS 120 MPH WITH SEAS CONFUSED AND VERY ROUGH WITH WAVES 25 FEET HIGH.

TIDES WILL CONTINUE TO RISE ALONG THE COAST FROM CAPE FEAR TO MANTEO AS HELENE CONTINUES TO MOVE NORTHEASTWARD PARALLEL TO THE COASTLINE. WINDS WILL INCREASE IN HATTERAS PAMLICO SOUND AREA THIS AFTERNOON AND TONIGHT REACHING HURRICANE FORCE BY OR SHORTLY AFTER DARK. THE STORM TIDE WILL REACH 7 TO 10 FEET ABOVE NORMAL AND POSSIBLY HIGHER IN SOME PLACES. THIS WILL BE ACCOMPANIED BY HIGH WAVES HEAVY SEAS AND BREAKERS. IT IS IMPERATIVE THAT ALL ISLAND BEACHES AND COASTAL LOWLANDS BE EVACUATED IMMEDIATELY CAPE FEAR TO CAPE HATTERAS.

THIS IS A SEVERE HURRICANE AND ALTHOUGH THE ACTUAL CENTER MAY NOT REACH THE COAST FULL HURRICANE WIND AND WEATHER CONDITIONS WILL PREVAIL OVER COASTAL AND INLAND AREA BETWEEN WILMINGTON AND MANTEO DURING THE NEXT 12 TO 18 HOURS.

THE NEXT BULLETIN WILL BE ISSUED AT 3 PM EST AND THE NEXT ADVISORY WILL BE ISSUED BY WEATHER BUREAU WASHINGTON AT 5 PM EST.

NORQUEST WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU BULLETIN HELENE FOR PRESS RADIO AND TV 3 PM EST SEPTEMBER 27 1958.

CONTINUE HURRICANE WATCH FROM THE VIRGINIA CAPES TO MANTEO NORTH CAROLINA AND HURRICANE WARNINGS FROM MANTEO TO MYRTLE BEACH SOUTH CAROLINA. CONTINUE GALE WARNINGS NORTH OF MANTEO TO VIRGINIA CAPES. SMALL CRAFT SOUTH OF MYRTLE BEACH TO SAVANNAH GEORGIA SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE.

AT 3 PM EST THE EYE POSITION HURRICANE HELENE LOCATED BY LAND BASED RADAR AND AIRCRAFT RECONNAISSANCE ABOUT 55 STATUTE MILES EAST SOUTHEAST OF WILMINGTON NORTH CAROLINA. THIS SHOWS THAT HELENE IS STILL ON TRACK AND MOVING TOWARD THE NORTHEAST AT AROUND 10 MPH OR PERHAPS A BIT FASTER. THIS SHOULD BRING THE HURRICANE INTO THE CAPE HATTERAS AREA SHORTLY AFTER DARK AND BEFORE MIDNIGHT.

WILMINGTON NOW REPORTS THAT THE WIND HAS BACKED FROM NORTHEAST TO NORTH NORTHWEST BUT HURRICANE FORCE WINDS OF 98 MPH WITH GUSTS TO 115 MPH STILL PREVAIL IN THAT AREA. THE BAROMETER IS NOW RISING RAPIDLY WHICH INDICATE THAT THE HURRICANE CENTER IS MOVING AWAY FROM THE WILMINGTON AREA.

TIDES WILL CONTINUE TO RISE ALONG THE COAST NORTH OF CAPE FEAR TO MANTEO AND OVER SOUTHERN PAMLICO SOUND AS HELENE CONTINUES TO MOVE NORTHEASTWARD PARALLEL TO THE COAST LINE. WINDS WILL INCREASE RAPIDLY DURING THE REMAINDER OF THE AFTERNOON IN THE LOWER PAMLICO SOUND AREA AND AROUND MOOREHEAD CITY CAPE LOOKOUT AREA REACHING 75 TO 100 MPH WITH HIGH WAVES HEAVY SEAS AND BREAKERS. WINDS WILL INCREASE TO HURRICANE FORCE IN THE CAPE HATTERAS AREA BY OR SHORTLY AFTER DARK. THE STORM TIDE WILL REACH 7 TO 10 FEET ABOVE NORMAL AND POSSIBLY HIGHER IN SOME PLACES.

HEAVY RAINS OF UP TO 8 OR 10 INCHES ARE EXPECTED OVER EXTREME SOUTHEASTERN NORTH CAROLINA OVER AREAS ADJACENT TO PAMLICO SOUND TONIGHT.

THIS IS A SEVERE HURRICANE AND ALTHOUGH THE ACTUAL CENTER OR EYE MAY NOT REACH THE COASTLINE FULL HURRICANE WINDS AND WEATHER CONDITIONS WILL PREVAIL OVER COASTAL AND INLAND AREAS BETWEEN WILMINGTON AND MANTEO DURING THE NEXT 12 TO 18 HOURS.

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

NORQUEST WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 18 HELENE 5 PM EST SEPTEMBER 27 1958.

CONTINUE HURRICANE WATCH FROM THE VIRGINIA CAPES TO MANTEO NORTH CAROLINA AND HURRICANE WARNINGS MANTEO TO WILMINGTON NORTH CAROLINA. CONTINUE GALE WARNINGS NORTH OF MANTEO TO THE VIRGINIA CAPES.

ALL WARNINGS DOWN SOUTH OF WILMINGTON BUT SMALL CRAFT SHOULD REMAIN IN PORT WILMINGTON TO SAVANNAH UNTIL WINDS AND SEAS SUBSIDE. SMALL CRAFT NORTH OF THE VIRGINIA CAPES TO NANTUCKET SHOULD ALSO REMAIN IN PORT AS SEAS MAY BECOME ROUGH AND WINDS ESPECIALLY OVER THE OPEN OCEAN WILL INCREASE SOME.

HURRICANE HELENE IS NOW CENTERED ABOUT 75 STATUTE MILES SOUTHWEST OF CAPE HATTERAS NORTH CAROLINA MOVING TOWARD THE NORTHEAST AT ABOUT 17 MPH. THIS WILL BRING FULL HURRICANE CONDITIONS IN OVER THE OUTER BANKS AND PAMLICO SOUND AREA FROM MOOREHEAD CITY AND CAPE LOOKOUT NORTHEASTWARD TO MANTEO BETWEEN NOW AND MIDNIGHT. TIDES IN THIS AREA WILL RISE TO 7 TO 10 FEET ABOVE NORMAL AND PROBABLY HIGHER IN SOME PLACES. TIDES FROM MANTEO TO THE VIRGINIA CAPES MAY RISE TO 3 TO 5 FEET ABOVE NORMAL. SEAS WILL BE UNUSUALLY HIGH AND ROUGH.

WINDS REPORTED THIS AFTERNOON AT WILMINGTON AND AT FRYING PAN LIGHT SHIP OFF THE COAST CAPE FEAR WERE IN EXCESS OF 100 MPH WITH HEAVY RAINS HEAVY SEAS AND UNUSUALLY HIGH TIDES.

AT 5 PM EST...2200Z...THE CENTER OF HURRICANE HELENE WAS LOCATED BY WEATHER BUREAU RADAR AT CAPE HATTERAS AND FROM AIRCRAFT RECONNAISSANCE AT LATITUDE 34.5 NORTH LONGITUDE 76.5 WEST OR ABOUT 75 STATUTE MILES SOUTHWEST OF CAPE HATTERAS. THE HURRICANE IS EXPECTED TO MOVE TOWARD THE NORTHEAST OR EAST NORTHEAST AT ABOUT 18 MPH FOR THE NEXT 12 HOURS THEN MOVE MORE TOWARD THE EAST NORTHEAST WITH SOME ACCELERATION IN FORWARD SPEED DURING THE FOLLOWING 12 HOURS. THIS COURSE WILL CARRY THE CENTER A SHORT DISTANCE SOUTHEAST OF CAPE HATTERAS BEFORE MIDNIGHT AND WELL OUT INTO THE ATLANTIC ON SUNDAY.

HIGHEST WINDS ARE ABOUT 125 MPH NEAR THE CENTER WITH HURRICANE FORCE WINDS WITHIN 70 MILE RADIUS. GALE EXTEND OUTWARD WITHIN 150 MILES. NO CHANGE IN SIZE OR INTENSITY IS EXPECTED BUT THE AREA COVERED BY GALE WINDS WILL LIKELY GRADUALLY INCREASE.

HEAVY RAINS ARE EXPECTED OVER EXTREME SOUTHEASTERN NORTH CAROLINA IN AREAS ADJACENT TO PAMLICO SOUND TONIGHT.

THIS IS A SEVERE HURRICANE AND ALL PRECAUTIONS SHOULD BE CONTINUED IN THE AREA OF HURRICANE DISPLAY DURING THIS EVENING AND TONIGHT.

BULLETINS WILL BE ISSUED AT 7 PM AND 9 PM EST AND THE NEXT ADVISORY WILL BE ISSUED BY WEATHER BUREAU WASHINGTON AT 11 PM EST.

NORQUEST WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU BULLETIN HELENE FOR PRESS RADIO AND TV 7 PM EST SEPTEMBER 27 1958

HURRICANE EMERGENCY WARNINGS REMAIN DISPLAYED FROM MANTEO TO WILMINGTON NORTH CAROLINA AND A HURRICANE WATCH FROM THE VIRGINIA CAPES TO MANTEO. GALE WARNINGS CONTINUE NORTH OF MANTEO TO VIRGINIA CAPES.

AT 7 PM EST HURRICANE HELENE WAS LOCATED BY LAND BASED RADAR AND AIRCRAFT RECONNAISSANCE ABOUT 45 MILES SOUTHWEST OF CAPE HATTERAS NORTH CAROLINA. THIS SHOWS THAT HELENE IS STILL ON THE COURSE INDICATED IN PREVIOUS FORECASTS AND MOVING TOWARDS THE NORTHEAST ABOUT 17 MPH. FULL HURRICANE CONDITIONS ARE NOW OCCURRING OVER THE OUTER BANKS AND PORTIONS OF THE PAMLICO SOUND AREA AND SEVERE CONDITIONS ARE EXPECTED BETWEEN NOW AND MIDNIGHT OVER MOST OF THE AREA FROM CAPE LOOKOUT TO MANTEO. TIDES OF 4 TO 7 FEET ABOVE NORMAL ARE INDICATED IN THIS AREA AND TIDES FROM MANTEO TO THE VIRGINIA CAPES MAY RISE TO 3 TO 5 FEET ABOVE NORMAL.

WINDS UP TO 100 MPH HAVE BEEN REPORTED DURING THE PAST FEW HOURS IN SOME COASTAL SECTIONS TO THE SOUTHWEST OF CAPE HATTERAS. CHERRY POINT NORTH CAROLINA REPORTS THAT WIND HAS BACKED TO THE NORTH NORTHWEST BUT GUSTS UP TO 85 MPH STILL PREVAIL IN THAT AREA. WINDS AT CAPE HATTERAS ARE BEING REPORTED CLOSE TO 60 MPH AND HURRICANE FORCE WINDS ARE LIKELY TO BEGIN THERE SOON.

HEAVY RAINS WILL CONTINUE DURING THE NEXT 6 HOURS OVER NORTHEASTERN NORTH CAROLINA AND SOUTHEASTERN VIRGINIA.

THIS IS A SEVERE HURRICANE AND SINCE IT IS EXPECTED TO BE CENTERED ONLY A SHORT DISTANCE EAST OF HATTERAS BY MIDNIGHT FULL HURRICANE WINDS AND SEVERE WEATHER CONDITIONS ARE LIKELY OVER THE AREA OF WARNING DISPLAY DURING THE NEXT 8 HOURS.

THE NEXT BULLETIN WILL BE ISSUED AT 9 PM EST AND THE NEXT ADVISORY AT 11 PM EST.

SCHMIDT WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU BULLETIN HELENE FOR PRESS RADIO AND TV 9 PM EST SEPTEMBER 27 1958.

HURRICANE EMERGENCY WARNINGS REMAIN DISPLAYED FROM MANTEO TO WILMINGTON NORTH CAROLINA AND HURRICANE WATCH AND GALE WARNINGS FROM THE VIRGINIA CAPES TO MANTEO.

AT 9 PM EST HURRICANE HELENE WAS LOCATED ABOUT 30 STATUTE MILES SOUTH OF CAPE HATTERAS NORTH CAROLINA MOVING TOWARDS THE NORTHEAST ABOUT 17 MPH. FULL HURRICANE CONDITIONS ARE NOW OCCURRING OVER COASTAL SECTIONS OF NORTH CAROLINA FROM CAPE LOOKOUT TO MANTEO. WIND GUSTS OVER 140 MPH HAVE BEEN REPORTED FROM SEVERAL SECTIONS BETWEEN CAPE LOOKOUT AND FORT MACON. WINDS AT CAPE HATTERAS ARE NOW OVER 80 MPH AND THE SEVEREST CONDITIONS IN THIS AREA ARE EXPECTED DURING THE NEXT FEW HOURS.

TIDES OF 4 TO 7 FEET ABOVE NORMAL AND HEAVY RAINS ARE INDICATED FOR MANY SECTIONS OF COASTAL NORTH CAROLINA NORTH OF CAPE LOOKOUT DURING THE NEXT 4 HOURS.

WINDS ARE NOW DIMINISHING FROM CHERRY POINT NORTH CAROLINA SOUTHWESTWARD AND IMPROVEMENT CAN BE EXPECTED MOST SECTIONS OF NORTH CAROLINA AFTER ANOTHER 4 OR 5 HOURS WHEN HELENE MOVES OUT TO SEA AT THE EAST OF CAPE HATTERAS.

SHIPPING IN THE EXPECTED PATH OF THIS STORM SHOULD EXERCISE EXTREME CAUTION.

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

SCHMIDT WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 19 HELENE 11 PM EST SEPTEMBER 27 1958.

CONTINUE HURRICANE WARNINGS FROM MANTEO TO CAPE LOOKOUT NORTH CAROLINA. LOWER HURRICANE WARNINGS SOUTH OF CAPE LOOKOUT TO WILMINGTON NORTH CAROLINA. DISCONTINUE HURRICANE WATCH NORTH OF MANTEO TO VIRGINIA CAPES.

CONTINUE GALE WARNINGS NORTH OF MANTEO TO VIRGINIA CAPES.

HURRICANE HELENE IS NOW CENTERED ABOUT 35 STATUTE MILES EAST OF CAPE HATTERAS NORTH CAROLINA MOVING TOWARDS THE NORTHEAST ABOUT 17 MPH. FULL HURRICANE CONDITIONS ARE STILL OCCURRING OVER COASTAL SECTION OF NORTH CAROLINA BETWEEN CAPE LOOKOUT AND MANTEO.

WINDS DURING THE PAST HOUR HAVE REACHED UP TO 110 MPH IN GUSTS AT CAPE HATTERAS AND EARLIER IN THE EVENING SEVERAL COASTAL SECTIONS REPORTED GUSTS OVER 140 MPH. THE WIND HAS BACKED TO NORTHERLY AT CAPE HATTERAS DURING THE PAST HOUR.

TIDES JUST TO THE SOUTH OF HATTERAS HAVE REACHED 5 FEET ABOVE NORMAL BUT SHOULD DIMINISH SOON AND ARE EXPECTED TO DIMINISH FROM CAPE HATTERAS TO VIRGINIA CAPES IN ABOUT 4 HOURS.

AT 11 PM EST...0400Z...THE CENTER OF HURRICANE HELENE WAS LOCATED BY LAND BASED RADAR AND AIRCRAFT RECONNAISSANCE AT LATITUDE 35.3 NORTH LONGITUDE 74.9 WEST OR ABOUT 35 STATUTE MILES EAST OF CAPE HATTERAS. THE HURRICANE IS EXPECTED TO MOVE BETWEEN NORTHEAST AND EASTNORTHEAST DURING THE NEXT 12 TO 24 HOURS AT A FORWARD SPEED OF ABOUT 20 MPH DURING THE FIRST 12 HOURS WITH SOME INCREASE IN FORWARD SPEED THE FOLLOWING 12 HOURS.

HIGHEST WINDS ARE ABOUT 125 MPH NEAR THE CENTER WITH GUSTS UP TO 150 MPH. HURRICANE FORCE WINDS EXTEND OUTWARD FOR A RADIUS OF 70 MILES AND GALES OUTWARD WITHIN 150 MILES. NO CHANGE IN SIZE OR INTENSITY IS EXPECTED BUT THE AREA OF GALE WINDS MAY INCREASE GRADUALLY.

AS THE HURRICANE CONTINUES OUT TO SEA WINDS ON THE COAST WILL STEADILY DECREASE AFTER ANOTHER 3 OR 4 HOURS AND HURRICANE WARNINGS WILL BE LOWERED LATER TONIGHT AFTER WINDS HAVE DIMINISHED.

THIS IS STILL A DANGEROUS HURRICANE AND SHIPPING IN THE EXPECTED PATH SHOULD EXERCISE EXTREME CAUTION.

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

SCHMIDT WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU BULLETIN HELENE FOR PRESS RADIO AND TV 2 AM EST SEPTEMBER 28 1958.

HURRICANE EMERGENCY WARNINGS REMAIN DISPLAYED FROM MANTEO TO CAPE LOOKOUT NORTH CAROLINA AND GALE WARNINGS NORTH OF MANTEO TO VIRGINIA CAPES.

AT 2 AM EST HURRICANE HELENE WAS LOCATED ABOUT 100 STATUTE MILES EAST OF CAPE HATTERAS NORTH CAROLINA MOVING TOWARDS THE EAST NORTHEAST AT ABOUT 25 MPH. IT IS EXPECTED TO CONTINUE MOVING IN THE SAME DIRECTION AND AT ABOUT THE SAME SPEED DURING THE NEXT 12 HOURS WITH SOME INCREASE IN FORWARD SPEED THEREAFTER. SOME INCREASE IN THE AREA OF GALE FORCE WINDS IS EXPECTED.

RECENT REPORTS FROM CAPE HATTERAS INDICATE THAT HURRICANE FORCE WINDS CONTINUE IN THAT AREA BUT THESE WILL DIMINISH AS THE HURRICANE MOVES FARTHER OUT TO SEA.

THIS IS STILL A DANGEROUS HURRICANE AND SHIPPING IN THE EXPECTED PATH SHOULD EXERCISE EXTREME CAUTION.

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

HOOVER WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 20 HELENE 5 AM EST SEPTEMBER 28 1958.

CHANGE HURRICANE WARNINGS TO GALE WARNINGS 5 AM TODAY MANTEO TO CAPE HATTERAS NORTH CAROLINA. LOWER HURRICANE WARNINGS CAPE HATTERAS TO CAPE LOOKOUT NORTH CAROLINA. CONTINUE GALE WARNINGS MANTEO NORTH CAROLINA TO VIRGINIA CAPES. OFF SHORE GALE WARNINGS IN EFFECT AT 5 AM EST VIRGINIA CAPES TO CAPE COD MASSACHUSETTS.

HURRICANE HELENE IS NOW ABOUT 230 STATUTE MILES EAST OF ELIZABETH CITY NORTH CAROLINA MOVING EAST NORTH-EAST 24 MPH. WINDS ARE DECREASING OVER THE COASTAL SECTIONS OF NORTH CAROLINA WITH MOST OF THE REPORTS INDICATING LESS THAN 50 MPH.

TIDES TO SOUTH OF NORFOLK EXPECTED TO LOWER GRADUALLY AND TO NORTH OF NORFOLK TO ATLANTIC CITY WILL REMAIN ABOUT SAME FOR FEW HOURS THEN LOWER SLOWLY. TIDES TO NORTH OF ATLANTIC CITY TO BLOCK ISLAND WILL CONTINUE A FOOT OR TWO ABOVE NORMAL.

AT 5 AM EST...1000Z...THE CENTER OF HURRICANE HELENE WAS LOCATED BY LAND BASED RADAR AND RECONNAISSANCE AIRCRAFT AT LATITUDE 36.1 NORTH LONGITUDE 72.2 WEST OR ABOUT 230 STATUTE MILES EAST OF ELIZABETH CITY NORTH CAROLINA. THE HURRICANE IS EXPECTED TO MOVE BETWEEN EAST NORTHEAST AND NORTHEAST DURING THE NEXT 12 TO 24 HOURS AT A FORWARD SPEED OF 24 MILES PER HOUR.

HIGHEST WINDS ARE ABOUT 125 MPH NEAR THE CENTER WITH GUSTS UP TO 150 MPH. HURRICANE FORCE WINDS EXTEND OUTWARD FROM A RADIUS OF 70 MILES AND GALES EXTEND OUTWARD TO 200 MILES FROM THE CENTER. THE INTENSITY EXPECTED TO REMAIN ABOUT THE SAME DURING NEXT 12 TO 24 HOURS EXCEPT GALE AREA WILL GRADUALLY INCREASE.

AS THE HURRICANE CONTINUES OUT TO SEA WINDS ON THE COAST OF NORTH CAROLINA WILL DECREASE TODAY. FROM VIRGINIA NORTHWARD TO BLOCK ISLAND WINDS WILL REMAIN ABOUT THE SAME TODAY BUT DECREASE SLOWLY TONIGHT.

FOR SHIPS AT SEA THIS IS STILL A VERY DANGEROUS HURRICANE AND EVERY EFFORT SHOULD BE MADE TO AVOID HELENE. HURRICANE HELENE HAS REMAINED UNUSUALLY INTENSE AND SHIPS IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

SINCE HURRICANE HELENE NO LONGER THREATENS THE MAINLAND THE INTERMEDIATE BULLETINS WILL BE DISCONTINUED. THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE WEATHER BUREAU AT WASHINGTON AT 11 AM EST.

HOOVER WEATHER BUREAU WASHINGTON

WEATHER BUREAU AIRPORT STATION BOSTON MASSACHUSETTS 6 AM EST SEPTEMBER 28 1958.

NEWS RELEASE ON HURRICANE HELENE

AT 6 AM THIS MORNING HURRICANE HELENE WAS 230 MILES EAST OF ELIZABETH CITY NORTH CAROLINA. IT WAS MOVING EAST NORTHEAST AT ABOUT 24 MPH. THE CLOSEST APPROACH TO NEW ENGLAND AT THIS DIRECTION AND SPEED WILL BE ABOUT 300 MILES SOUTHEAST OF NANTUCKET LATE THIS MORNING. RAIN WILL END OVER MOST OF SOUTH-EASTERN MASSACHUSETTS BY NOON. WINDS WILL BE 15 TO 25 MPH DURING THE DAY EXCEPT SOUTH OF CAPE COD THE WINDS WILL BE AS HIGH AS 45 MPH. SEAS WILL BE ROUGH PROVINCE/TOWN TO BLOCK ISLAND AND SMALL CRAFT ARE ADVISED TO REMAIN IN PORT UNTIL THE HURRICANE HELENE IS WELL EAST OF NEW ENGLAND.

PIERCE WEATHER BUREAU BOSTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 21 HELENE 11 AM EST SEPTEMBER 28 1958.

ALL COASTAL WARNINGS HAVE BEEN LOWERED BUT OFF SHORE GALE WARNINGS CONTINUE IN EFFECT OVER HIGH SEAS AREA BETWEEN THE VIRGINIA CAPES AND CAPE COD MASSACHUSETTS. SMALL CRAFT SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE.

WINDS HAVE DECREASED OVER COASTAL SECTIONS OF NORTH CAROLINA AND LATE REPORTS FROM CAPE HATTERAS SHOW NORTH NORTHWEST 20 MPH WITH GUSTS UP TO 30 MPH. TIDES HAVE RETURNED TO NEAR NORMAL ALONG THE COAST WITH ONLY A FEW PLACES STILL REPORTING A FOOT OR TWO ABOVE NORMAL.

AT 11 AM EST...1600Z...HURRICANE HELENE WAS CENTERED NEAR LATITUDE 37.4 NORTH LONGITUDE 69.0 WEST OR ABOUT 390 STATUTE MILES EAST OF NORFOLK VIRGINIA. THIS IS BASED ON AIRCRAFT RECONNAISSANCE AND NUMEROUS WEATHER REPORTS FROM SHIPS IN THE AREA. THE CENTRAL PRESSURE THIS MORNING IS 28.53 INCHES WHICH IS HIGHER THAN YESTERDAY. AIRCRAFT REPORTS INDICATE THE CENTRAL EYE IS BEGINNING TO BECOME DIFFUSE. ALL THIS MEANS THAT THE HURRICANE WILL NOW BEGIN TO CHANGE INTO A SEVERE OCEAN STORM NORMAL FOR THESE HIGHER LATITUDES.

AT PRESENT HELENE IS MOVING TOWARD THE EAST NORTHEAST AT 32 MPH AND IS EXPECTED TO MOVE IN THE SAME DIRECTION AND AT ABOUT THE SAME SPEED FOR ANOTHER 12 TO 24 HOURS. HIGHEST WINDS ARE STILL AROUND 115 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD 70 MILES AROUND THE CENTER. THE AREA COVERED BY GALE WINDS HAS INCREASED AND GALES NOW EXTEND OUTWARD WITHIN 300 MILES.

DURING THE NEXT 24 HOURS THE SEVERE WINDS NEAR THE CENTER WILL DIMINISH BUT THE AREA OF GALE WINDS WILL LIKELY EXPAND TO COVER A LARGER AREA AROUND THE STORM CENTER. FOR SHIPS AT SEA THIS IS STILL A DANGEROUS HURRICANE AND VESSELS IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

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

NORQUEST WEATHER BUREAU WASHINGTON

WEATHER BUREAU OFFICE BOSTON MASSACHUSETTS NEWS RELEASE ON HURRICANE HELENE 1 PM EDT SEPTEMBER 28 1958.

HURRICANE HELENE WAS CENTERED AT NOON TODAY EDT ABOUT 390 STATUTE MILES EAST OF NORFOLK VIRGINIA. IT IS MOVING TOWARDS THE EASTNORTHEAST 32 MPH AND IS EXPECTED TO CONTINUE IN THE SAME DIRECTION AND AT THE SAME SPEED FOR ANOTHER 12 TO 24 HOURS. THIS TRACK WILL MEAN THAT HELENE WILL PASS SOME 250 MILES TO THE SOUTHEAST OF NANTUCKET ISLAND BY MID AFTERNOON A COMFORTABLE MARGIN AS FAR AS NEW ENGLAND IS CONCERNED.

HOWEVER OFFSHORE GALE WARNINGS CONTINUE IN EFFECT OVER THE HIGH SEAS AREA OFF CAPE COD AND THE RHODE ISLAND COAST. SMALL CRAFT SHOULD REMAIN IN PORT FROM PROVINCETOWN MASSACHUSETTS TO BLOCK ISLAND RHODE ISLAND UNTIL HURRICANE HELENE IS WELL OUT TO SEA.

FLAHIVE WEATHER BUREAU BOSTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 22 HELENE 5 PM EST SEPTEMBER 28 1958.

AT 5 PM EST...2200Z...HURRICANE HELENE WAS LOCATED BY RECONNAISSANCE AIRCRAFT AND VESSEL REPORTS NEAR LATITUDE 38.3 NORTH LONGITUDE 65.5 WEST OR ABOUT 320 STATUTE MILES SOUTHEAST OF NANTUCKET MOVING TOWARD THE EAST NORTHEAST WITH FORWARD SPEED OF 32 MPH.

HIGHEST WINDS ARE ESTIMATED AT ABOUT 110 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD WITHIN 70 MILES. GALE WINDS COVER MOST OF THE AREA WITHIN 300 MILES.

HURRICANE HELENE ALTHOUGH EXPECTED TO GRADUALLY LOSE HURRICANE CHARACTERISTICS DURING THE NIGHT STILL REMAINS A SEVERE STORM. SHIPPING IN THE AREA AND PATH OF HELENE SHOULD CONTINUE TO EXERCISE EXTREME CAUTION.

HELENE IS EXPECTED TO CONTINUE MOVING TOWARD THE EASTNORTHEAST AT ABOUT 32 MPH FOR THE NEXT 12 TO 24 HOURS.

THE NEXT REGULAR ADVISORY ON HURRICANE HELENE WILL BE ISSUED BY THE WEATHER BUREAU AT WASHINGTON AT 11 PM EST.

NORQUEST WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 23 HELENE 11 PM EST SEPTEMBER 28 1958.

AT 11 PM EST...0400Z...HURRICANE HELENE WAS LOCATED BY SHIP REPORTS NEAR LATITUDE 39.8 NORTH LONGITUDE 62.6 WEST OR ABOUT 400 STATUTE MILES EAST SOUTHEAST OF NANTUCKET MOVING TOWARD THE EAST NORTHEAST WITH A FORWARD SPEED OF 32 MPH.

HIGHEST WINDS ARE ESTIMATED AT ABOUT 110 MILES PER HOUR NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD 70 MILES FROM THE CENTER. GALE FORCE WINDS COVER THE AREA WITHIN 350 MILES OF THE CENTER AND ARE EXPECTED TO EXPAND SO AS TO COVER A LARGER AREA AROUND THE CENTER DURING THE NEXT 12 HOURS.

HURRICANE HELENE ALTHOUGH GRADUALLY LOSING HURRICANE CHARACTERISTICS REMAINS A SEVERE STORM. SHIPPING IN THE AREA AND PATH OF HELENE SHOULD CONTINUE TO EXERCISE EXTREME CAUTION.

HELENE IS EXPECTED TO CONTINUE MOVING TOWARD THE EASTNORTHEAST AT ABOUT 32 MPH FOR THE NEXT 12 TO 24 HOURS.

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

HOOVER WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 24 HELENE 5 AM EST SEPTEMBER 29 1958.

AT 5 AM EST...1000Z...HURRICANE HELENE WAS RELOCATED BY LAND AND SHIP REPORTS NEAR LATITUDE 43.8 NORTH LONGITUDE 60.0 WEST OR ABOUT 500 STATUTE MILES EAST OF PORTLAND MAINE MOVING TOWARD NORTHEAST AT A FORWARD SPEED OF ABOUT 35 MPH.

HIGHEST WINDS ARE ESTIMATED AT ABOUT 85 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD A SHORT DISTANCE FROM THE CENTER. GALE WINDS EXTEND 600 MILES IN THE EASTERN SEMICIRCLE AND 400 MILES IN THE WESTERN SEMICIRCLE.

HURRICANE HELENE IS EXPECTED TO CONTINUE TO MOVE IN A NORTHEAST DIRECTION AT ABOUT 35 MPH FOR THE NEXT 12 TO 24 HOURS. HURRICANE HELENE IS GRADUALLY LOSING HURRICANE CHARACTERISTICS BUT REMAINS A SEVERE STORM. THE AREA OF GALE WINDS IS EXPECTED TO CONTINUE TO SPREAD OUTWARD FROM THE CENTER.

INTEREST ON NEWFOUNDLAND ESPECIALLY FROM THE SOUTHEAST PORTION SHOULD PREPARE FOR WINDS NEAR HURRICANE FORCE WITHIN A FEW HOURS. SHIPPING IN THE AREA AND PATH OF HELENE SHOULD CONTINUE TO EXERCISE CAUTION.

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

HOOVER WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 25 HELENE 11 AM EST SEPTEMBER 19 1958.

HURRICANE HELENE HAS MOVED INLAND OVER NEWFOUNDLAND THIS MORNING AND AT 11 AM EST...1600Z...WAS LOCATED BY LAND STATION REPORTS AND AIRCRAFT RECONNAISSANCE NEAR LATITUDE 48.5 NORTH LONGITUDE 57.5 WEST WHICH IS NEAR THE CENTER OF NEWFOUNDLAND. THE STORM HAS BEEN MOVING A BIT FASTER THAN 40 MPH DURING THE EARLY MORNING BUT NOW OVER LAND IT WILL SLOW UP SOME AND RAPIDLY LOSE HURRICANE CHARACTERISTICS.

WINDS ARE NOW ABOUT 75 MPH WITHIN 100 MILES NORTH OF THE CENTER AND WITHIN 150 MILES SOUTH OF CENTER. GALE WINDS PREVAIL WITHIN 500 MILES ALL QUADRANTS.

THE AREA OF GALE WINDS WILL NOT CHANGE MUCH BUT THE WINDS OVER THE SMALLER AREA NEAR THE CENTER WILL SLOWLY DECREASE TO GALE FORCE THIS AFTERNOON.

WHILE HELENE WILL NO LONGER BE A HURRICANE IT WILL CONTINUE AS A SEVERE STORM FOR ANOTHER DAY OR TWO AND ALL SHIPPING IN THE AREA AND PATH SHOULD CONTINUE TO EXERCISE CAUTION.

HELENE IS EXPECTED TO MOVE TOWARD THE NORTHEAST AT AROUND 40 MPH FOR THE NEXT 12 HOURS AND THEN FOLLOW A COURSE MORE TOWARD THE EAST NORTHEAST FOR THE SECOND 12 HOURS.

THIS WILL BE THE FINAL NUMBERED ADVISORY ON HELENE. FURTHER INFORMATION ON THIS STORM WILL BE CONTAINED IN MARINE BULLETINS ISSUED BY WASHINGTON EVERY 6 HOURS FOR BROADCAST BY NSS FOR SHIPS AT SEA.

NORQUEST WEATHER BUREAU WASHINGTON

USCOMM-WB-DC