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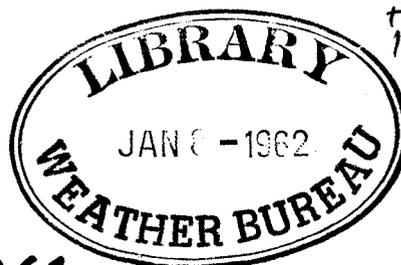
U. S. Weather Bureau.

Hurricane <sup>ra</sup> Esther, Sept. 12-26, 1951...

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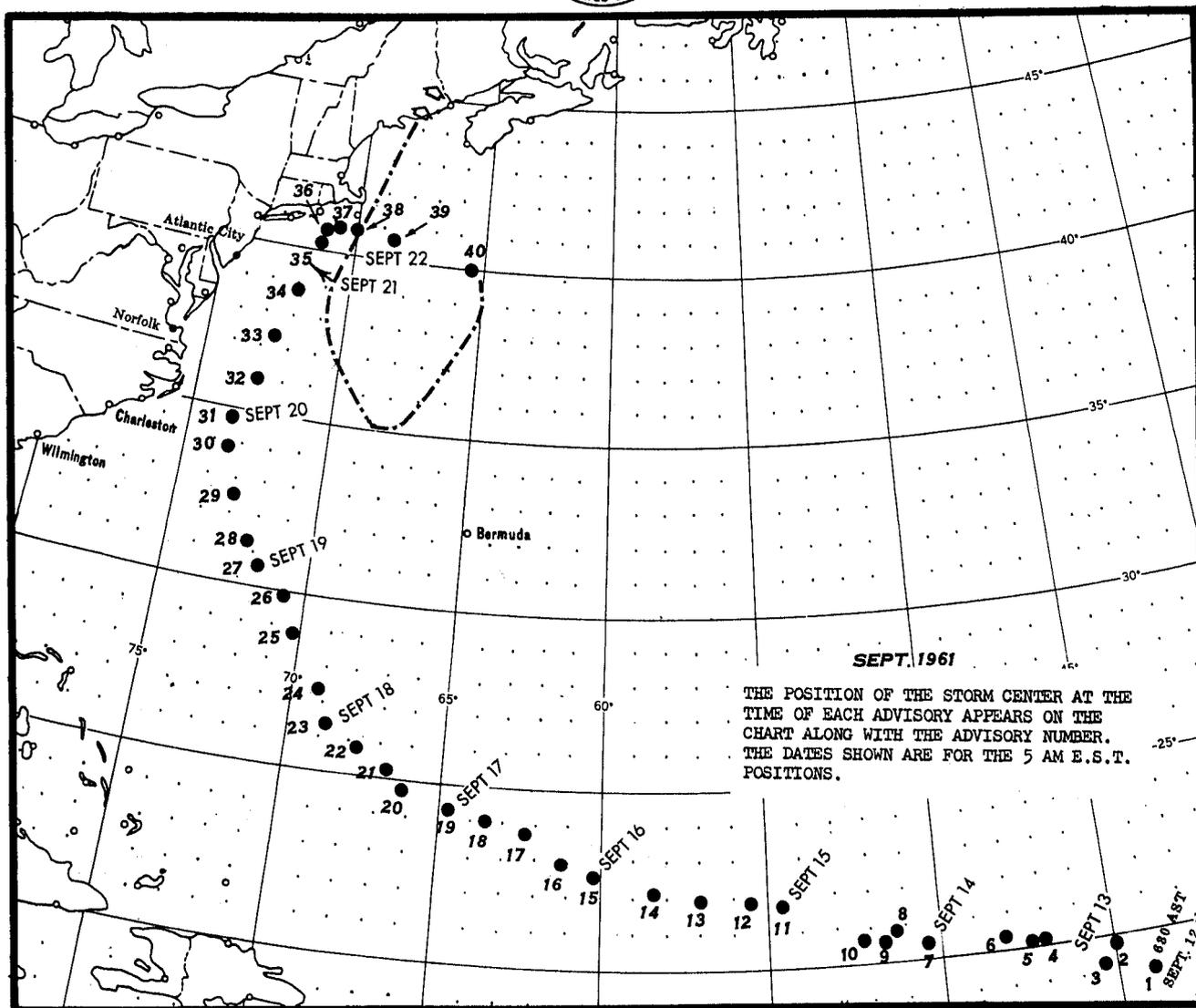
U. S. DEPARTMENT OF COMMERCE

U.S. WEATHER BUREAU



# HURRICANE ESTHER SEPTEMBER 12-26, 1961

PRELIMINARY REPORT WITH THE ADVISORIES AND BULLETINS ISSUED.



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

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## HURRICANE ESTHER

September 11-26, 1961  
(A Preliminary Report)

Hurricane Esther which alerted the eastern seaboard from the Carolinas to New England recurved off the coast in sufficient time so that only the fringes of its weaker or left semi-circle brushed the heavily populated Northeastern and Central Atlantic States. Except for eastern Long Island and southeastern Massachusetts, damage was comparatively light. No deaths were reported.

A suspicious cloud area, which was located by the weather satellite Tiros III on the afternoon of the 10th near 11°N., 30°W., forewarned meteorologists of the possible development of a tropical cyclone. The existence of such a storm was confirmed on the 11th by additional Tiros pictures and reports from ships operating in the area. A reconnaissance aircraft was dispatched early on September 12 and reported that Esther had developed hurricane force winds.

The first advisory was issued by the San Juan Office at 1830 A.S.T. on the 12th and located the hurricane near 19°N., 44°W., with winds near the center estimated at 130 miles per hour. From the 12th to the 17th the storm moved generally west-northwestward at a forward speed of about 12 miles per hour, with its winds increasing to 150 miles per hour on the morning of the 17th.

As it passed about 375 miles north of Puerto Rico on the 17th it curved to the northwest and for the following three days followed a course toward Cape Hatteras. On the evening of the 19th the center was located about 200 miles from the Cape. Early on the 19th hurricane warnings were issued urging people to evacuate low-lying areas which might be affected by the storm.

Fortunately on the 20th Esther started a recurve to the northward and later north-northeastward, a course which kept the center some 120 miles east of Cape Hatteras and about 150 miles off the Delmarva Peninsula and Jersey coast.

Now moving on a north-northeasterly course toward Cape Cod the storm began to diminish in intensity on the 21st. Approaching Nantucket the storm slowed considerably and took a sharp turn to the east, south of that island. On the afternoon of the 21st winds of only tropical storm intensity (39 to 73 miles per hour) were being reported as Esther started moving southeastward, beginning a clockwise loop which took the center to near 35°N., 67.5°W., (most southerly point of the loop) on the morning of the 24th. During this southward movement Esther lost intensity with ships near its center reporting winds of only 35 to 40 kt. Early on the 26th Esther had completed the loop and was heading north-northeastward toward Maine and the Canadian Maritime Provinces.

The following is based on reports from the State Climatologists in the areas affected by Esther.

**NORTH CAROLINA-VIRGINIA.**--Sustained winds in the Middle Atlantic States were not high as only the western fringes of Esther were felt as the storm paralleled the coast about 150 miles offshore. Along the North Carolina-Virginia coastline sustained winds ranged from 24 miles per hour at Wilmington to 38 miles per hour at Cape Henry. Norfolk reported a fastest mile of 32 and Hatteras a 1-minute wind speed of 36 miles per hour. Gusts of 58 miles per hour and 43 miles per hour were reported at Nags Head and Hatteras, N. C., respectively. Storm surges along the outer banks ranged up to 5 feet. Minor flooding occurred on some beaches and highways but property damage was negligible. In the Hampton Roads area the storm surge raised tides 2.4 feet above normal. No flooding occurred. Rainfall associated with this storm was extremely light with Wilmington, N. C., reporting only 0.03 inch and Norfolk, Va., 0.05 inch.

**MARYLAND-DELAWARE.**--Some heavy rains were reported in the eastern sections about 1700 to 1800 E.S.T. on September 20, with rough seas and northeast winds along the coast averaging a little below gale force and peak gusts exceeding gale force. About 1630 E.S.T. an extremely high storm surge hit the Maryland-Delaware coast, flooding many streets in seashore location with a foot or more of water, washing out the sea wall and damaging the boardwalk at Ocean City, Md. Storm surges on the high tide occurred at 1 to 2 minute intervals and reached peaks of 6 to 7 feet or more above high tide from 1630 to 1645 E.S.T. Away from the coast, the winds barely reached gale force. Maximum wind gusts of 52 miles per hour and 45 miles per hour were estimated at Indian River Inlet and Ocean City, respectively.

**NEW JERSEY.**--The coastal strip was swept by gale force winds which, along with the storm surge and rough seas, caused some damage to boats, docks, etc. The rest of the State, experienced only minor effects. It appears that there may have been some agricultural losses, mainly fruit, but no estimate is available at this time. Rainfall amounts ranged from 2 to 3 inches along the coast to moderate in the western portions. Peak gust at Atlantic City WBAS was 69 miles per hour from the Northwest at 0144 E.S.T. on the 21st.

**NEW YORK.**--Moderate rain fell from the Albany area southward through the Hudson Valley and adjacent mountain areas, increasing up to the 2 to 3 inch range in the extreme southeast and on Long Island. Gale-force winds affected only the lower Hudson Valley. There was little or no damage in upstate New York, but damage was experienced in the Metropolitan New York area and considerable damage occurred in Suffolk County, Long Island, including blow down in apple orchards. High tides produced by the storm surge flooded the south shore of Long Island, with lesser flooding in the shore areas of Queens and Brooklyn, N.Y. Fallen trees and power lines delayed railroad and highway travel on Long Island, and left an estimated 280,000 homes without electricity for varying periods. Some peak gusts in the area affected by gale- and hurricane-force winds: Brookhaven, L. I. 62 miles per hour from the north-northeast (37-foot level) at 0630 E.S.T. on September 21; estimated peak gust at Montauk Point 108 miles per hour at 0500 E.S.T.; 72 miles per hour from the north-northwest at La Guardia Field, N. Y., at 0501 E.S.T.; 100 miles per hour at Fire Island Coast Guard Station.

**CONNECTICUT-RHODE ISLAND.**--Esther reached a central position about 35 miles south-southeast of Block Island, R. I., at 1100 E.S.T. on September 21, then hesitated and turned east with greatly lessened intensity. As a result, most damage from the storm surge was restricted to comparatively minor floodings in normally susceptible places. The storm surge produced tides of 6.2 feet above normal at New London, Conn., 11.6 feet above at Stratford, Conn., and about 4 feet above normal at Block Island, R. I. Most property damage in the interior of both States was light and was confined to broken tree limbs, some downed power and telephone lines, and a few windows. Sustained winds averaged 35-50 miles per hour on the mainland in both States with gusts of 45-65 miles per hour. Peak gust on Block Island was 83 miles per hour at about 0500 E.S.T. on September 21. Some damage to tobacco fields in Connecticut and to fruit crops and grape orchards occurred in both States. Minor flooding occurred in the Pawtuxet River Valley. Rainfall totals from the storm were generally between 1 and 2-1/2 inches in Connecticut, except 3 to 4 inches in eastern sections, and 4 to 8 inches in Rhode Island with heaviest amounts in the northwest.

**MASSACHUSETTS-NEW HAMPSHIRE-MAINE.**--An estimated 1000 residents of Cape Cod and about 200 along the eastern Massachusetts and New Hampshire coasts were evacuated in advance of the storm. There were no major floodings and highway washouts and cellar floodings were comparatively few and restricted to the coastal belt. Winds downed power and telephone lines in eastern Massachusetts, resulting in some disruption of utility services, but no widespread breakdowns. There were very little surface transportation delays. Numerous small boats were torn loose along the coast, but their number cannot yet be estimated. Agricultural losses are also impossible to estimate now but appear to be comparatively small. Rainfall generally exceeded 4 inches in southeastern Massachusetts, decreasing westward and northward, to about 1 inch in southern Maine and western Massachusetts. The Blue Hill Observatory near Boston, Mass. had a storm rainfall of 6.02 inches and a 24-hour amount of 5.86 inches, the latter being the third greatest of record; the peak gust at this station was 62 miles per hour from the northeast at about 1143 E.S.T. on September 21. Strongest winds and most damage were concentrated on Cape Cod which was raked by gusts exceeding hurricane force, and where the storm surge reached a reported 3 to 5 feet along the south side of the Cape.

(Compiled by Arthur I. Cooperman, Howard C. Sumner, and James K. McGuire.)

HURRICANE ESTHER ADVISORIES

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 1 ESTHER 630 PM AST 12 SEPTEMBER 1961.

FROM INFORMATION PROVIDED BY THE WEATHER SATELLITE TIROS III INDICATING THE EXISTENCE OF A TROPICAL VORTEX IN THE ATLANTIC AND CONFIRMED BY RECONNAISSANCE AIRCRAFT THIS AFTERNOON HURRICANE ESTHER WAS LOCATED AT 630 AST...2230Z...NEAR LATITUDE 19.0 N AND LONGITUDE 44.0 W OR ABOUT 1400 STATUTE MILES EAST OF PUERTO RICO.

BASED ON WEATHER SATELLITE RECONNAISSANCE AIRCRAFT PENETRATION AND VESSEL REPORTS IT IS MOVING TOWARDS THE NORTHWEST AT ABOUT 17 MPH. HIGHEST WINDS ARE ESTIMATED 130 MPH OVER SMALL AREA NEAR THE CENTER AND GALE WINDS EXTEND OUTWARD 155 MILES TO THE NORTH AND 75 MILES TO THE SOUTH.

LOWEST CENTRAL PRESSURE 28.50 INCHES 967 MILLIBARS. HURRICANE ESTHER IS EXPECTED TO CONTINUE MOVING TOWARD THE NORTHWEST AT ABOUT THE SAME SPEED FOR THE NEXT 12 TO 24 HOURS WITH LITTLE CHANGE IN SIZE AND INTENSITY. ITS PRESENT POSITION AND DIRECTION OF MOTION OFFERS NO THREAT TO ANY LAND AREAS. THIS IS ALREADY A DANGEROUS HURRICANE AND VESSELS IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

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

HIGGS WEATHER BUREAU SAN JUAN

SAN JUAN WEATHER BUREAU HURRICANE ADVISORY NUMBER 2 ESTHER 12 MIDNIGHT AST SEPTEMBER 12 1961

AT 12 MIDNIGHT AST...0400Z HURRICANE ESTHER WAS ESTIMATED TO BE CENTERED NEAR 19.0N 45.0 W OR ABOUT 1350 STATUTE MILES EAST OF SAN JUAN PUERTO RICO. IT IS MOVING TOWARDS THE NORTHWEST ABOUT 14 MPH.

HIGHEST WINDS ARE ESTIMATED 130 MPH OVER A SMALL AREA NEAR THE CENTER. GALE WINDS EXTEND OUTWARD 230 MILES IN ALL QUADRANTS.

HURRICANE ESTHER IS EXPECTED TO CONTINUE MOVING TOWARD THE NORTHWEST AT A SLIGHTLY SLOWER SPEED OF ABOUT 12 MPH FOR THE NEXT 12 HOURS WITH NO IMPORTANT CHANGE IN SIZE OR INTENSITY. IT OFFERS NO THREAT TO ANY LAND AREA WITH ITS PRESENT LOCATION AND DIRECTION OF MOVEMENT.

THIS IS A DANGEROUS HURRICANE AND VESSELS IN ITS PATH SHOULD EXERCISE CAUTION.

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

FENTON SAN JUAN WEATHER BUREAU

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 3 ESTHER 5 AM EST WEDNESDAY 13 SEPTEMBER 1961.

AT 5 AM EST...1000Z...HURRICANE ESTHER WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 19.3 NORTH LONGITUDE 45.3 WEST OR ABOUT 1400 STATUTE MILES EAST OF SAN JUAN PUERTO RICO. THIS POSITION IS BASED ON SHIP REPORTS IN THE AREA. ESTHER IS MOVING TOWARDS THE WESTNORTHWEST AT ABOUT 12 MPH.

HIGHEST WINDS ARE ESTIMATED TO BE ABOUT 130 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 135 MILES IN THE NORTHERN SEMICIRCLE AND 65 MILES IN THE SOUTHERN SEMICIRCLE. GALE WINDS EXTEND OUTWARD 230 MILES IN ALL QUADRANTS.

HURRICANE ESTHER IS EXPECTED TO CONTINUE MOVING TOWARDS THE WESTNORTHWEST AT ABOUT THE SAME SPEED OF 12 MPH FOR THE NEXT 12 HOURS WITH LITTLE CHANGE IN SIZE OR INTENSITY.

THIS IS A DANGEROUS HURRICANE AND VESSELS IN ITS PATH SHOULD EXERCISE CAUTION.

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

HILL WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 4 ESTHER 11 AM EST WEDNESDAY 13 SEPTEMBER 1961.

AT 11 AM EST...1600Z...ON THE BASIS OF AN EARLIER PENETRATION BY RECONNAISSANCE AIRCRAFT HURRICANE ESTHER WAS ESTIMATED TO BE CENTERED NEAR LATITUDE 20.2 NORTH LONGITUDE 47.0 WEST OR ABOUT 1300 STATUTE MILES EAST OF SAN JUAN PUERTO RICO. IT IS MOVING TOWARD THE WESTNORTHWEST AT ABOUT 13 MPH.

HIGHEST WINDS ARE ESTIMATED AT 130 MILES PER HOUR OVER A SMALL AREA NEAR THE CENTER. GALE WINDS EXTEND OUTWARD 230 MILES IN ALL QUADRANTS. THE CENTRAL PRESSURE IS 969 MB OR 28.62 INCHES.

HURRICANE ESTHER IS NOW IN THE LOCATION WHERE BETSY AND DEBBIE BEGAN RECURVATURE UP THE MIDDLE ATLANTIC TROUGH OF LOW PRESSURE. HOWEVER SINCE ESTHER HAS NOT YET BEGUN ANY RECURVATURE AND UPPER AIR DATA IN THE AREA ARE INSUFFICIENT TO EVALUATE THE STEERING CURRENT THE HURRICANE IS FORECAST TO MOVE IN ABOUT THE SAME DIRECTION AND AT THE SAME RATE OF SPEED DURING THE NEXT 12 HOURS. NO MARKED CHANGE IN SIZE OR INTENSITY IS EXPECTED.

THIS IS A DANGEROUS HURRICANE AND VESSELS IN ITS PATH SHOULD EXERCISE CAUTION.

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

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 5 ESTHER 5 PM EST WEDNESDAY SEPTEMBER 13 1961.

AT 5 PM EST...2200Z...ON THE BASIS OF PERIPHERAL AIRCRAFT AND SHIP REPORTS ESTHER WAS LOCATED NEAR LATITUDE 20.2 NORTH LONGITUDE 47.4 WEST OR ABOUT 1275 STATUTE MILES A LITTLE NORTH OF DUE EAST OF SAN JUAN PUERTO RICO. IT IS MOVING TOWARD THE WEST NORTHWEST AT ABOUT 10 MPH.

HIGHEST WINDS ARE ESTIMATED AT 130 MPH OVER A SMALL AREA NEAR THE CENTER AND GALE WINDS EXTEND OUTWARD SOME 230 MILES IN ALL QUADRANTS.

THERE IS VERY LITTLE UPPER AIR DATA WHICH CAN BE USED IN EVALUATING THE STEERING CURRENT WITH ANY DEGREE OF CONFIDENCE. HOWEVER THERE IS SOME EVIDENCE THAT ESTHER MAY MISS THE MIDDLE ATLANTIC TROUGH OF LOW PRESSURE THUS THIS HURRICANE SEEMS LIKELY TO CONTINUE ON A GENERAL WEST NORTHWESTWARD DIRECTION AT A MODERATE RATE OF MOVEMENT FOR SEVERAL DAYS. NO MARKED CHANGE IN SIZE OR IN INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

THIS IS A DANGEROUS HURRICANE AND VESSELS IN ITS PATH SHOULD EXERCISE CAUTION.

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

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 6 HURRICANE ESTHER 11 PM EST SEPTEMBER 13 1961.

HURRICANE ESTHER WAS ESTIMATED NEAR LATITUDE 20.3 NORTH LONGITUDE 48.1 WEST OR ABOUT 1200 STATUTE MILES EAST OF SAN JUAN AT 11 PM EST...0400Z...MOVING TOWARD THE WEST NORTHWEST ABOUT 8 MPH.

HIGHEST WINDS ARE ESTIMATED 130 MPH NEAR THE CENTER AND GALES EXTEND OUT SOME 230 MILES FROM THE CENTER.

HURRICANE ESTHER IS EXPECTED TO CONTINUE MOVING TOWARD THE WEST NORTHWEST ABOUT THE SAME SPEED FOR THE NEXT 12 TO 24 HOURS AND CHANGE LITTLE IN SIZE OR INTENSITY.

THIS IS A DANGEROUS HURRICANE AND VESSELS IN ITS PATH SHOULD EXERCISE CAUTION.

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

KRAFT WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 7 ESTHER 5 AM EST 14 SEPTEMBER 1961.

AT 5 AM EST...1000Z...HURRICANE ESTHER WAS LOCATED NEAR LATITUDE 20.5 NORTH LONGITUDE 50.4 WEST OR ABOUT 1075 STATUTE MILES EAST NORTHEAST OF SAN JUAN PUERTO RICO. THIS POSITION IS BASED ON PENETRATION BY RECONNAISSANCE AIRCRAFT. HURRICANE ESTHER IS MOVING TOWARDS THE WESTNORTHWEST AT ABOUT 12 MPH.

HIGHEST WINDS ARE ESTIMATED TO BE 130 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 135 MILES IN THE NORTH SEMICIRCLE AND 65 MILES IN THE SOUTH SEMICIRCLE. GALE WINDS EXTEND OUTWARD SOME 230 MILES FROM THE CENTER IN ALL QUADRANTS.

HURRICANE ESTHER IS EXPECTED TO CONTINUE MOVING TOWARDS THE WEST NORTHWEST AT ABOUT THE SAME SPEED OF 12 MPH FOR THE NEXT 12 TO 24 HOURS WITH LITTLE CHANGE IN SIZE OR INTENSITY.

THIS IS A DANGEROUS HURRICANE AND SHIPPING IN ITS PATH SHOULD EXERCISE CAUTION.

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

HILL WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 8 ESTHER 11AM EST 14 SEPTEMBER 1961.

AT 11AM EST...1600Z...HURRICANE ESTHER WAS LOCATED ON THE BASIS OF EXTRAPOLATION AND PERIPHERAL REPORTS NEAR LATITUDE 20.8 NORTH LONGITUDE 51.4 WEST OR ABOUT 1000 STATUTE MILES EAST NORTHEAST OF SAN JUAN PUERTO RICO. IT IS MOVING TOWARD THE WESTNORTHWEST AT ABOUT 12 MPH.

HIGHEST WINDS ARE ESTIMATED TO BE 130 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 135 MILES IN THE NORTH SEMICIRCLE AND 65 MILES IN THE SOUTH SEMICIRCLE. GALE WINDS EXTEND OUTWARD SOME 230 MILES FROM THE CENTER IN ALL QUADRANTS. THE LOWEST CENTRAL PRESSURE REPORTED DURING THE NIGHT WAS 963 MB OR 28.44 INCHES.

HURRICANE ESTHER IS EXPECTED TO CONTINUE MOVING TOWARD THE WESTNORTHWEST AT ABOUT THE SAME RATE FOR THE NEXT 12 TO 24 HOURS WITH LITTLE CHANGE IN SIZE OR INTENSITY.

SMALL CRAFT IN THE LEEWARD ISLANDS SHOULD REMAIN IN PORT FRIDAY DUE TO THE MOVEMENT INTO THAT AREA OF LARGE SWELLS RESULTING IN HEAVY SURF. HOWEVER IT IS EMPHASIZED THAT EXCEPT FOR HIGH SURF AND SWELLS THE HURRICANE WILL NOT AFFECT THE LEEWARD ISLANDS AREA.

THIS IS A DANGEROUS HURRICANE AND SHIPPING IN ITS PATH SHOULD EXERCISE CAUTION.

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

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 9 ESTHER 5 PM EST 14 SEPTEMBER 1961.

AT 5 PM EST...2200Z...HURRICANE ESTHER WAS LOCATED ON THE BASIS OF AIRCRAFT RECONNAISSANCE NEAR LATITUDE 20.6 NORTH LONGITUDE 51.7 WEST OR ABOUT 975 STATUTE MILES EASTNORTHEAST OF SAN JUAN PUERTO RICO. IT IS MOVING WEST TO WESTNORTHWEST NEAR 10 MPH.

HIGHEST WINDS ARE ESTIMATED TO BE 130 MPH OVER A SMALL AREA NEAR THE CENTER WITH HURRICANE FORCE WINDS EXTENDING OUTWARD 135 MILES TO THE NORTH AND 65 MILES TO THE SOUTH. GALE WINDS EXTEND OUTWARD SOME 230 MILES FROM THE CENTER IN ALL QUADRANTS.

HURRICANE ESTHER IS EXPECTED TO MOVE WEST TO WESTNORTHWEST AT ABOUT THE SAME RATE FOR THE NEXT 24 HOURS WITH LITTLE CHANGE IN SIZE OR INTENSITY.

SMALL CRAFT IN THE LEEWARD ISLANDS SHOULD REMAIN IN PORT FRIDAY DUE TO THE MOVEMENT INTO THAT AREA OF LARGE SWELLS RESULTING IN HEAVY SURF.

THIS IS A DANGEROUS HURRICANE AND SHIPPING IN ITS PATH SHOULD EXERCISE CAUTION.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 10 ESTHER 11 PM EST SEPTEMBER 14 1961.

HURRICANE ESTHER WAS CENTERED ABOUT 925 STATUTE MILES EAST NORTHEAST OF SAN JUAN PUERTO RICO NEAR LATITUDE 20.7 NORTH LONGITUDE 52.3 WEST AT 11 PM EST...0400Z...MOVING TOWARD THE WEST NORTHWEST ABOUT 10 MPH.

HIGHEST WINDS ARE ESTIMATED 130 MPH NEAR THE CENTER AND GALES EXTEND OUT SOME 230 MILES FROM THE CENTER.

LITTLE CHANGE IS EXPECTED IN SIZE OR INTENSITY DURING THE NEXT 24 HOURS AND THE HURRICANE SHOULD CONTINUE MOVING TOWARD THE WEST NORTHWEST ABOUT THE SAME SPEED.

SMALL CRAFT IN THE LEEWARD ISLANDS SHOULD REMAIN IN PORT SINCE THE SEAS WILL BECOME ROUGH.

THIS IS A DANGEROUS HURRICANE AND SHIPPING IN ITS PATH SHOULD EXERCISE CAUTION.

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

KRAFT WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 11 ESTHER 5 AM EST 15 SEPTEMBER 1961.

AT 5 AM EST...1000Z...HURRICANE ESTHER WAS LOCATED NEAR LATITUDE 21.7 NORTH LONGITUDE 54.7 WEST OR ABOUT 800 STATUTE MILES EAST NORTHEAST OF SAN JUAN PUERTO RICO. THIS LOCATION IS BASED ON RECONNAISSANCE AIRCRAFT REPORTS. HURRICANE ESTHER IS MOVING TOWARDS THE WESTNORTHWEST AT ABOUT 12 MPH.

HIGHEST WINDS ARE ESTIMATED TO BE 130 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 135 MILES IN THE NORTHERN SEMICIRCLE AND 65 MILES IN THE SOUTHERN SEMICIRCLE. GALE WINDS EXTEND OUTWARD SOME 230 MILES FROM THE CENTER IN ALL QUADRANTS.

HURRICANE ESTHER IS EXPECTED TO CONTINUE MOVING TOWARDS THE WESTNORTHWEST AT ABOUT THE SAME SPEED OF 12 MPH FOR THE NEXT 24 HOURS WITH LITTLE CHANGE IN SIZE OR INTENSITY.

SMALL CRAFT IN THE LEEWARD ISLANDS SHOULD REMAIN IN PORT DUE TO THE MOVEMENT INTO THAT AREA OF LARGE SWELLS RESULTING IN HEAVY SURF. HOWEVER IT IS EMPHASIZED THAT EXCEPT FOR LARGE SWELLS AND HEAVY SURF THIS HURRICANE WILL NOT AFFECT THE LEEWARD ISLANDS AREA.

THIS IS A DANGEROUS HURRICANE AND SHIPPING IN ITS PATH SHOULD EXERCISE CAUTION.

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

HILL WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 12 ESTHER 11 AM EST 15 SEPTEMBER 1961.

AT 11 AM EST...1600Z...HURRICANE ESTHER WAS LOCATED NEAR LATITUDE 21.8 NORTH LONGITUDE 55.5 WEST OR ABOUT 750 STATUTE MILES EAST NORTHEAST OF SAN JUAN AND ABOUT 900 MILES SOUTHEAST OF BERMUDA. THIS LOCATION IS BASED ON RECONNAISSANCE AIRCRAFT. THE HURRICANE IS MOVING TOWARD THE WESTNORTHWEST NEAR 10 MPH.

HIGHEST WINDS ARE ESTIMATED 130 MPH OVER A SMALL AREA NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD 135 MILES TO THE NORTH AND 60 MILES TO THE SOUTH. GALE WINDS EXTEND OUTWARD SOME 300 MILES TO THE NORTH AND 100 MILES IN THE SOUTH SEMICIRCLE. THE LOWEST PRESSURE THIS MORNING IS 966 MB OR 28.53 INCHES.

HURRICANE ESTHER IS FORECAST TO MOVE TOWARDS THE WESTNORTHWEST AT 12 MPH FOR THE NEXT 24 HOURS WITH LITTLE CHANGE IN SIZE OR INTENSITY.

SMALL CRAFT IN THE LEEWARD ISLANDS SHOULD REMAIN IN PORT DUE TO LARGE SWELLS AND HEAVY SURF. HOWEVER IT IS EMPHASIZED THAT EXCEPT FOR SWELLS AND HEAVY SURF THIS HURRICANE WILL NOT AFFECT THE LEEWARD ISLANDS AREA.

THIS IS A DANGEROUS HURRICANE AND SHIPPING IN ITS PATH SHOULD EXERCISE CAUTION.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 13 ESTHER 5 PM EST 15 SEPTEMBER 1961.

AT 5 PM EST...2200Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 21.9 NORTH LONGITUDE 57.0 WEST OR ABOUT 675 MILES EASTNORTHEAST OF SAN JUAN AND ABOUT 850 MILES SOUTHEAST OF BERMUDA. THIS LOCATION BASED ON RECONNAISSANCE AIRCRAFT. THE HURRICANE IS MOVING TOWARDS THE WESTNORTHWEST NEAR 12 MPH.

HIGHEST WINDS ARE ESTIMATED 130 MPH OVER A SMALL AREA NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD 135 MILES TO THE NORTH AND 60 MILES TO THE SOUTH. GALE WINDS EXTEND OUTWARD SOME 300 MILES TO THE NORTH AND 100 MILES IN THE SOUTH SEMICIRCLE.

HURRICANE ESTHER IS FORECAST TO MOVE TOWARD THE WESTNORTHWEST AT 12 MPH FOR THE NEXT 12 TO 18 HOURS WITH LITTLE CHANGE IN SIZE OR INTENSITY.

RESIDENTS OF THE ATLANTIC SEABOARD SHOULD START KEEPING CLOSER WATCH ON ADVISORIES ABOUT SUNDAY NIGHT OR MONDAY. SMALL CRAFT IN THE LEEWARD ISLANDS SHOULD REMAIN IN PORT DUE TO LARGE SWELLS AND HEAVY SURF.

THIS IS A DANGEROUS HURRICANE AND SHIPPING SHOULD EXERCISE EXTREME CAUTION.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 14 ESTHER 11 PM EST SEPTEMBER 15 1961.

AT 11 PM EST...0400Z... HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 22.1 NORTH LONGITUDE 58.4 WEST OR ABOUT 560 STATUTE MILES EAST NORTHEAST OF SAN JUAN PUERTO RICO AND SOME 800 MILES SOUTHEAST OF BERMUDA. RECONNAISSANCE AIRCRAFT REPORTS INDICATE ESTHER IS MOVING ON A COURSE BETWEEN WEST AND WEST NORTHWEST AT ABOUT 12 MPH.

HIGHEST WINDS ARE ESTIMATED 130 MPH OVER A SMALL AREA NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD 135 MILES TO THE NORTH AND 60 MILES TO THE SOUTH. GALE WINDS EXTEND OUTWARD SOME 300 MILES TO THE NORTH AND 100 MILES IN THE SOUTH SEMICIRCLE. LOWEST PRESSURE REPORTED THIS EVENING IS 961 MILLIBARS OR 28.38 INCHES.

HURRICANE ESTHER IS FORECAST TO MOVE TOWARDS THE WESTNORTHWEST AT 12 MPH FOR THE NEXT 12 TO 18 HOURS WITH NO SIGNIFICANT CHANGE IN SIZE OR INTENSITY.

SMALL CRAFT IN THE LEEWARD ISLANDS SHOULD REMAIN IN PORT DUE TO LARGE SWELLS AND HEAVY SURF. RESIDENTS OF THE ATLANTIC SEABOARD SHOULD START KEEPING CLOSER WATCH ON ADVISORIES ABOUT SUNDAY NIGHT OR MONDAY.

THIS IS A DANGEROUS HURRICANE AND SHIPPING SHOULD EXERCISE EXTREME CAUTION.

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

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 15 ESTHER 5 AM EST 16 SEPTEMBER 1961.

AT 5 AM EST...1000Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 22.6 NORTH LONGITUDE 60.2 WEST OR ABOUT 500 STATUTE MILES NORTHEAST OF SAN JUAN PUERTO RICO AND SOME 725 MILES SOUTHSOUTHEAST OF BERMUDA. THIS LOCATION IS BASED ON RECONNAISSANCE AIRCRAFT REPORTS. ESTHER IS MOVING TOWARDS THE WESTNORTHWEST AT ABOUT 15 MPH.

HIGHEST WINDS ARE ESTIMATED TO BE ABOUT 130 MPH OVER A SMALL AREA NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD FROM THE CENTER 135 MILES TO THE NORTH AND 60 MILES TO THE SOUTH. GALE WINDS EXTEND OUTWARD SOME 300 MILES IN THE NORTHERN SEMICIRCLE AND ABOUT 150 MILES IN THE SOUTHERN SEMICIRCLE. LOWEST PRESSURE REPORTED THIS MORNING WAS 960 MILLIBARS OR 28.35 INCHES.

HURRICANE ESTHER IS FORECAST TO MOVE TOWARDS THE WESTNORTHWEST AT ABOUT 15 MPH FOR THE NEXT 24 HOURS WITH NO SIGNIFICANT CHANGE IN SIZE OR INTENSITY.

SMALL CRAFT IN THE LEEWARD ISLANDS SHOULD REMAIN IN PORT DUE TO LARGE SWELLS AND HEAVY SURF TODAY AND BEGINNING IN THE VIRGIN ISLANDS AND ALONG THE NORTH COAST OF PUERTO RICO BY TONIGHT. HOWEVER IT IS EMPHASIZED THAT EXCEPT FOR SWELLS AND HEAVY SURF THIS HURRICANE WILL NOT AFFECT THE LEEWARD ISLANDS TO PUERTO RICO AREA.

RESIDENTS ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD START KEEPING CLOSER WATCH ON ADVISORIES ABOUT SUNDAY NIGHT OR MONDAY.

THIS IS A DANGEROUS HURRICANE AND SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

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

HILL WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 16 ESTHER 11 AM EST 16 SEPTEMBER 1961.

AT 11 AM...1600Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 22.9 NORTH LONGITUDE 61.1 WEST OR ABOUT 500 STATUTE MILES NORTHEAST OF SAN JUAN OR SOME 700 MILES SOUTH SOUTHEAST OF BERMUDA. THIS LOCATION IS BASED ON RECONNAISSANCE AIRCRAFT. ESTHER IS MOVING TOWARDS THE WESTNORTHWEST NEAR 12 MPH.

WINDS HAVE INCREASED TO NEAR 140 MPH OVER A SMALL AREA NEAR THE CENTER OTHERWISE THERE HAS BEEN NO CHANGE WITH HURRICANE WINDS EXTENDING OUTWARD 135 MILES TO THE NORTH AND 60 MILES TO THE SOUTH OF THE CENTER. GALES EXTEND TO 300 MILES TO THE NORTH AND ABOUT 150 MILES IN THE SOUTH SEMICIRCLE. LOWEST PRESSURE IS NOW 948 MILLIBARS OR 27.99 INCHES.

HURRICANE ESTHER IS FORECAST TO MOVE TOWARD THE WEST NORTHWEST AT 12 MPH FOR THE NEXT 6 TO 12 HOURS. THERE ARE SOME INDICATIONS OF A MORE NORTHWESTERLY COURSE AND A FORWARD SPEED OF NEAR 15 MPH TONIGHT. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED.

SMALL CRAFT IN THE LEEWARD ISLANDS SHOULD REMAIN IN PORT TODAY AND IN THE VIRGIN ISLANDS AND ALONG THE NORTH COAST OF PUERTO RICO TONIGHT DUE TO LARGE SWELLS AND HEAVY SURF. HOWEVER IT IS EMPHASIZED THAT EXCEPT FOR SWELLS AND HEAVY SURF ESTHER WILL NOT AFFECT THE LEEWARDS TO PUERTO RICO AREA.

RESIDENTS ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD START KEEPING CLOSER WATCH ON ADVISORIES ABOUT SUNDAY NIGHT OR MONDAY.

THIS IS A DANGEROUS HURRICANE AND SHIPPING SHOULD EXERCISE EXTREME CAUTION.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 17 ESTHER 5 PM EST 16 SEPTEMBER 1961.

AT 5 PM EST...2200Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 23.7 NORTH LONGITUDE 62.3 WEST OR ABOUT 625 STATUTE MILES SOUTH SOUTHEAST OF BERMUDA. THIS LOCATION IS BASED ON RECONNAISSANCE AIRCRAFT. ESTHER IS MOVING TOWARDS THE NORTHWEST AT 14 MPH.

HIGHEST WINDS ARE NEAR 145 MPH OVER A SMALL AREA NEAR THE CENTER WITH HURRICANE WINDS EXTENDING OUTWARD 135 MILES TO THE NORTH EAST AND 60 MILES TO THE SOUTHWEST OF THE CENTER. GALES EXTEND OUTWARD TO 300 MILES IN ALL QUADRANTS EXCEPT 150 MILES TO THE SOUTHWEST. LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED THRU SUNDAY.

HURRICANE ESTHER IS FORECAST TO MOVE TOWARDS THE NORTHWEST AT 14 MPH DURING THE NEXT 12 HOURS. INDICATIONS ARE FOR A COURSE MORE TOWARDS THE WEST NORTHWEST SUNDAY. RESIDENTS ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD START KEEPING CLOSER WATCH ON ADVISORIES ABOUT SUNDAY NIGHT AND MONDAY.

SMALL CRAFT IN THE LEEWARD ISLANDS THE VIRGIN ISLANDS AND ALONG THE NORTH COAST OF PUERTO RICO SHOULD REMAIN IN PORT DUE TO LARGE SWELLS AND HEAVY SURF. HOWEVER IT IS EMPHASIZED THAT EXCEPT FOR SWELLS AND HEAVY SURF ESTHER WILL NOT AFFECT THE LEEWARDS TO PUERTO RICO AREA.

THIS IS A DANGEROUS HURRICANE AND SHIPPING SHOULD EXERCISE EXTREME CAUTION.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 18 ESTHER 0400Z SEPTEMBER 17 1961.

AT 0400Z HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 24.0 NORTH LONGITUDE 63.6 WEST. THIS LOCATION IS BASED ON RECONNAISSANCE AIRCRAFT REPORTS EARLIER THIS EVENING. ESTHER IS MOVING ON A COURSE BETWEEN WESTNORTHWEST AND NORTHWEST AT 12 KNOTS.

HIGHEST WINDS ARE NEAR 125 KNOTS OVER A SMALL AREA NEAR THE CENTER WITH HURRICANE WINDS EXTENDING OUTWARD 125 MILES TO THE NORTHEAST AND 75 MILES TO THE SOUTHWEST OF THE CENTER. GALES EXTEND OUTWARD TO 300 MILES IN ALL QUADRANTS EXCEPT 175 MILES TO THE SOUTHWEST. LOWEST PRESSURE REPORTED BY AIRCRAFT IS 936 MB OR 27.65 INCHES.

HURRICANE ESTHER IS FORECAST TO MOVE WESTNORTHWEST TO NORTHWEST AT 12 KNOTS NEXT 6 TO 12 HOURS WITH LITTLE CHANGE IN SIZE OR INTENSITY. PRESENT INDICATIONS ARE THAT ESTHER WILL SLOW HER FORWARD SPEED SUNDAY ON APPROACHING A TROUGH OFF THE US EAST COAST. THE DIRECTION OF MOVEMENT THEREAFTER IS UNCERTAIN AT THIS TIME HOWEVER IF THE TROUGH CONTINUES TO WEAKEN A RETURN TO A WESTNORTH WEST COURSE APPEARS LIKELY.

SMALL CRAFT IN BERMUDA THE LEEWARD ISLANDS THE VIRGIN ISLANDS AND ALONG THE NORTH COAST OF PUERTO RICO SHOULD REMAIN IN PORT DUE TO LARGE SWELLS AND HEAVY SURF. HOWEVER IT IS EMPHASIZED THAT EXCEPT FOR SWELLS AND HEAVY SURF ESTHER WILL NOT AFFECT THE LEEWARD TO PUERTO RICO AREA.

THIS IS AN EXTREMELY DANGEROUS HURRICANE AND ALL SHIPPING SHOULD CONTINUE TO EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 1000Z.

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 19 ESTHER 5 AM EST 17 SEPTEMBER 1961.

AT 5 AM EST...1000Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 24.3 NORTH LONGITUDE 64.8 WEST OR ABOUT 550 MILES SOUTH OF BERMUDA AND 430 MILES NORTH NORTHEAST OF SAN JUAN PUERTO RICO. THIS POSITION IS BASED ON RECONNAISSANCE AIRCRAFT REPORTS. THE HURRICANE IS MOVING TOWARDS THE WEST NORTHWEST AT 14 MPH.

HIGHEST WINDS ARE ESTIMATED 150 MPH NEAR THE CENTER WITH HURRICANE FORCE WINDS EXTENDING OUTWARD 150 MILES TO THE NORTH AND EAST AND 90 MILES TO THE SOUTHWEST OF THE CENTER. GALES EXTEND OUTWARD SOME 350 MILES TO THE NORTH AND EAST AND 200 MILES SOUTHWEST OF THE CENTER. THE LOWEST PRESSURE REPORTED HAS BEEN 936 MILLIBARS OR 27.65 INCHES BUT THERE ARE INDICATIONS THAT THE CENTRAL PRESSURE MAY NOW BE SLIGHTLY LOWER.

ESTHER IS FORECAST TO CONTINUE TOWARDS THE WEST NORTHWEST WITH A GRADUAL SLOWING IN FORWARD MOVEMENT TO ABOUT 10 MPH DURING THE NEXT 12 TO 24 HOURS. THE COURSE BEYOND 24 HOURS IS NOT YET CERTAIN AND INTERESTS ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD BEGIN KEEPING CLOSER WATCH ON ADVISORIES TONIGHT AND MONDAY. SMALL CRAFT IN BERMUDA THE LEEWARD AND VIRGIN ISLANDS AND ALONG THE NORTH COAST OF PUERTO RICO SHOULD REMAIN IN PORT DUE TO LARGE SWELLS AND HEAVY SURF. HOWEVER IT IS EMPHASIZED THAT ESTHER WILL NOT AFFECT AREA FROM THE LEEWARD ISLANDS TO PUERTO RICO EXCEPT FOR HEAVY SURF AND SWELLS.

THIS IS NOW A LARGE AND VERY DANGEROUS HURRICANE AND SHIPPING SHOULD EXERCISE EXTREME CAUTION.

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

MOORE WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 20 ESTHER 11 AM EST 17 SEPTEMBER 1961.

AT 11 AM EST...1600Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 24.7 NORTH LONGITUDE 66.2 WEST WHICH IS ABOUT 450 STATUTE MILES NORTH OF SAN JUAN PUERTO RICO AND 890 MILES SLIGHTLY SOUTH OF DUE EAST FROM MIAMI. THIS POSITION IS BASED ON A PENETRATION OF THE CENTER BY RECONNAISSANCE AIRCRAFT AROUND 8 AM EST...THE HURRICANE STILL CONTINUES MOVING TOWARD THE WEST NORTHWEST AT 14 MPH.

THIS STORM HAS NOW BECOME A VERY SEVERE HURRICANE. HIGHEST SUSTAINED WINDS ARE ESTIMATED 150 MPH NEAR THE CENTER WITH HURRICANE FORCE WINDS EXTENDING OUTWARD 150 MILES TO THE NORTH AND EAST AND 90 MILES TO THE SOUTHWEST OF THE CENTER. GALES EXTEND OUTWARD SOME 350 MILES TO THE NORTH AND EAST AND 200 MILES SOUTHWEST OF THE CENTER. THE CENTRAL PRESSURE WAS CALCULATED THIS MORNING AT 927 MILLIBARS OR 27.37 INCHES. THIS WOULD SUPPORT GUSTS OF 175 TO 200 MPH IN THE SEVEREST SQUALLS AROUND THE CENTER.

INDICATIONS ARE THAT ESTHER WILL CONTINUE TOWARD THE WEST NORTHWEST WITH NO MARKED CHANGE IN RATE OF MOVEMENT DURING THE NEXT 12 HOURS POSSIBLY TURNING A LITTLE MORE TOWARD THE NORTHWEST THEREAFTER. THE COURSE BEYOND 24 HOURS IS NOT YET CERTAIN AND IN VIEW OF ITS PRESENT COURSE AND GREAT INTENSITY INTERESTS ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD BEGIN KEEPING VERY CLOSE WATCH ON ADVISORIES TONIGHT AND MONDAY.

SMALL CRAFT AROUND BERMUDA THE LEEWARD AND VIRGIN ISLANDS ALONG THE NORTH COASTS OF PUERTO RICO AND HISPANIOLA SHOULD REMAIN IN PORT DUE TO LARGE SWELLS AND HEAVY SURF. HOWEVER IT IS EMPHASIZED THAT ESTHER WILL NOT AFFECT THE AREA FROM THE LEEWARD ISLANDS TO HISPANIOLA EXCEPT FOR HEAVY SURF AND SWELLS. HEAVY SWELLS SHOULD BEGIN REACHING INTO THE NORTHERN AND EASTERN BAHAMAS TONIGHT.

THIS IS A LARGE AND VERY DANGEROUS HURRICANE. SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION. IT IS AGAIN EMPHASIZED THAT INTERESTS IN THE NORTHERN BAHAMAS AND ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD BEGIN KEEPING VERY CLOSE WATCH ON FUTURE ADVISORIES.

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

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU BULLETIN HURRICANE ESTHER FOR PRESS RADIO AND TV 2 PM EST 17 SEPTEMBER 1961.

AT 2 PM EST HURRICANE ESTHER WAS CENTERED IN APPROXIMATELY LATITUDE 24.9 NORTH LONGITUDE 66.6 WEST WHICH IS ABOUT 850 MILES SLIGHTLY SOUTH OF DUE EAST OF MIAMI. THE FEW ADDITIONAL REPORTS DURING THE PAST THREE HOURS INDICATE NO MATERIAL CHANGE IN THE PREVIOUSLY REPORTED MOVEMENT TOWARD THE WESTNORTHWEST AT AROUND 14 MPH.

THIS HAS BECOME A VERY SEVERE HURRICANE WITH HIGHEST SUSTAINED WINDS ESTIMATED AROUND 150 MPH NEAR THE CENTER WITH GUSTS IN THE SEVEREST SQUALLS IN THE 175 TO 200 MPH RANGE.

HEAVY SWELLS ARE NOW REPORTED ON THE EASTERN SIDE OF ELEUTHERA ISLAND IN THE BAHAMAS. SMALL CRAFT IN THE NORTHERN AND EASTERN BAHAMAS SHOULD REMAIN IN PORT OR NOT VENTURE FAR FROM SAFE HARBOR AS HEAVY SURF AND SWELLS CONTINUE TO BUILD UP ESPECIALLY ON THE NORTHERN AND EASTERN SIDES OF THE ISLANDS.

THIS IS A LARGE AND VERY DANGEROUS HURRICANE. ALL INTERESTS IN THE NORTHERN BAHAMAS AND ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD KEEP POSTED ON ALL ADVISORIES ON HURRICANE ESTHER DURING THE NEXT SEVERAL DAYS.

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

DUNN MIAMI WEATHER BUREAU

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 21 ESTHER 5 PM EST 17 SEPTEMBER 1961.

AT 5 PM EST...2200Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 25.2 NORTH LONGITUDE 66.9 WEST WHICH IS ABOUT 500 STATUTE MILES NORTH OF SAN JUAN PUERTO RICO AND 825 MILES EAST OF MIAMI. THE HURRICANE IS MOVING WESTNORTHWESTWARD AT 12 MPH.

THIS STORM IS A VERY SEVERE HURRICANE. HIGHEST SUSTAINED WINDS ARE ESTIMATED 150 MPH NEAR THE CENTER WITH HURRICANE FORCE WINDS EXTENDING OUTWARD 170 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES IN THE SOUTHWESTERN SEMICIRCLE. GALES EXTEND OUTWARD SOME 350 MILES TO THE NORTH AND EAST AND 200 MILES SOUTHWEST OF THE CENTER. THE CENTRAL PRESSURE CONTINUES THIS AFTERNOON AT 927 MBS OR 27.37 INCHES. THIS WOULD INDICATE GUSTS OF 175 TO 200 MPH IN THE MOST SEVERE SQUALLS AROUND THE CENTER.

HURRICANE ESTHER IS EXPECTED TO CONTINUE TOWARD THE WESTNORTHWEST AT ABOUT THE SAME RATE OF MOVEMENT DURING THE NEXT 12 HOURS PROBABLY ACQUIRING A TENDENCY TOWARD THE MORE NORTHWESTERLY MOVEMENT. THE EVENTUAL TRACK OF THE HURRICANE WITH REFERENCE TO THE COASTLINE IS NOT YET CERTAIN. THEREFORE ALL INTERESTS IN THE NORTHERN BAHAMAS AND ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD KEEP VERY CLOSE WATCH ON FUTURE ADVISORIES.

HEAVY SWELLS FROM THE HURRICANE ARE NOW MOVING INTO THE EASTERN BAHAMAS. SMALL CRAFT IN THE BAHAMAS SHOULD REMAIN IN PORT AS HEAVY SURF AND SWELLS WILL CONTINUE TO INCREASE ESPECIALLY ON THE NORTHERN AND EASTERN SIDES OF THE ISLANDS. SMALL CRAFT IN THE LEEWARD AND VIRGIN ISLANDS AND ALONG THE NORTH COAST OF PUERTO RICO AND HISPANIOLA SHOULD REMAIN IN PORT BECAUSE OF LARGE SWELLS AND HEAVY SURF ALTHOUGH OTHERWISE THE HURRICANE WILL NOT AFFECT THE AREA FROM THE LEEWARD ISLANDS TO HISPANIOLA.

THIS IS A LARGE AND EXTREMELY DANGEROUS HURRICANE. SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION. AGAIN IT IS URGED THAT ALL INTERESTS IN THE NORTHERN BAHAMAS AND ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD KEEP POSTED ON ALL FUTURE ADVISORIES ON HURRICANE ESTHER DURING THE NEXT SEVERAL DAYS.

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

DUNN MIAMI WEATHER BUREAU

MIAMI WEATHER BUREAU BULLETIN HURRICANE ESTHER FOR PRESS RADIO AND TV 8 PM EST SEPTEMBER 17 1961.

AT 8 PM EST SEVERE HURRICANE ESTHER WAS ESTIMATED CENTERED NEAR LATITUDE 25.6 NORTH LONGITUDE 67.3 WEST OR ABOUT 800 MILES DUE EAST OF MIAMI. FEW REPORTS HAVE BEEN RECEIVED FROM THE IMMEDIATE VICINITY OF ESTHER HOWEVER NO MATERIAL CHANGE HAS OCCURRED IN THE WESTNORTHWEST COURSE AT ABOUT 12 MPH.

THIS IS A VERY SEVERE HURRICANE WITH HIGHEST SUSTAINED WINDS ESTIMATED AROUND 150 MPH NEAR THE CENTER WITH GUSTS IN THE SEVEREST SQUALLS IN THE 175 TO 200 MPH RANGE. LOWEST PRESSURE REPORTED THIS AFTERNOON WAS 927 MILLIBARS OR 27.37 INCHES.

HURRICANE ESTHER IS EXPECTED TO CONTINUE TOWARD THE WESTNORTHWEST AT ABOUT THE SAME RATE OF MOVEMENT DURING THE NEXT 6 TO 12 HOURS PROBABLY ACQUIRING A TENDENCY TOWARD MORE NORTHWESTERLY MOVEMENT. THE EVENTUAL TRACK OF THE HURRICANE WITH REFERENCE TO THE COASTLINE IS NOT YET CERTAIN. THEREFORE ALL INTERESTS IN THE NORTHERN BAHAMAS AND ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD KEEP VERY CLOSE WATCH ON FUTURE ADVISORIES.

HEAVY SWELLS FROM THE HURRICANE ARE NOW MOVING INTO THE EASTERN BAHAMAS. THEREFORE SMALL CRAFT IN THE NORTHERN AND EASTERN BAHAMAS SHOULD REMAIN IN PORT OR NOT VENTURE FAR FROM SAFE HARBOR AS HEAVY SURF AND SWELLS CONTINUE TO BUILD UP ESPECIALLY ON THE NORTHERN AND EASTERN SIDES OF THE ISLANDS.

RATHER STRONG WINDS ARE REPORTED OFF THE MIDDLE ATLANTIC COAST THIS EVENING HOWEVER THESE ARE DUE TO A LARGE HIGH PRESSURE SYSTEM CENTERED OVER THE NEW ENGLAND STATES AND NOT IN THE CIRCULATION OF HURRICANE ESTHER.

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

CLARK MIAMI WEATHER BUREAU

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 22 ESTHER 11 PM EST SEPTEMBER 17 1961.

AT 11 PM EST...0400Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 25.8 NORTH LONGITUDE 67.8 WEST OR ABOUT 760 STATUTE MILES DUE EAST OF MIAMI AND 480 MILES SOUTHSOUTHWEST OF BERMUDA. THIS POSITION IS BASED ON RECONNAISSANCE AIRCRAFT PENETRATION AND INDICATES THAT ESTHER CONTINUES ON A COURSE TOWARDS THE WESTNORTHWEST AT ABOUT 12 MPH.

THIS IS A VERY SEVERE HURRICANE WITH HIGHEST SUSTAINED WINDS ESTIMATED 150 MPH OVER A SMALL AREA NEAR THE CENTER WITH HURRICANE FORCE WINDS EXTENDING OUTWARD 170 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES IN THE SOUTHWESTERN SEMICIRCLE. GALES EXTEND OUTWARD SOME 350 MILES TO THE NORTH AND EAST AND 200 MILES SOUTHWEST OF THE CENTER. THE CENTRAL PRESSURE REMAINS NEAR 927 MB OR 27.37 INCHES. THIS WOULD INDICATE GUSTS OF 175 TO 200 MPH IN THE MOST SEVERE SQUALLS AROUND THE CENTER.

HURRICANE ESTHER IS FORECAST TO REMAIN ON A WESTNORTHWESTERLY COURSE AT ABOUT THE SAME FORWARD SPEED DURING THE NEXT 12 HOURS ALTHOUGH ACQUIRING SOME TENDENCY TOWARD A MORE NORTHWESTERLY MOVEMENT. NO SIGNIFICANT CHANGE IS EXPECTED IN SIZE OR INTENSITY. THE EVENTUAL TRACK OF THE HURRICANE WITH REFERENCE TO THE COASTLINE IS NOT YET CERTAIN. THEREFORE ALL INTERESTS IN THE NORTHERN BAHAMAS AND ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD KEEP VERY CLOSE WATCH ON FUTURE ADVISORIES.

HEAVY SWELLS ARE REPORTED FROM THE EASTERN BAHAMAS SO THAT SMALL CRAFT IN THE BAHAMAS SHOULD REMAIN IN PORT AS HEAVY SURF AND SWELLS WILL CONTINUE TO INCREASE ESPECIALLY ON THE NORTHERN AND EASTERN SIDES OF THE ISLANDS. SMALL CRAFT IN THE LEEWARD AND VIRGIN ISLANDS AND ALONG THE NORTH COAST OF PUERTO RICO AND HISPANIOLA SHOULD REMAIN IN PORT BECAUSE OF LARGE SWELLS AND HEAVY SURF HOWEVER THE HURRICANE WILL NOT OTHERWISE AFFECT THE AREA FROM THE LEEWARD ISLANDS TO HISPANIOLA.

THIS IS A LARGE AND EXTREMELY DANGEROUS HURRICANE. SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

IT IS AGAIN EMPHASIZED THAT ALL INTERESTS IN THE NORTHERN BAHAMAS AND ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD KEEP POSTED ON FUTURE ADVISORIES DURING THE NEXT SEVERAL DAYS.

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

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU BULLETIN HURRICANE ESTHER FOR PRESS RADIO AND TELEVISION 2 AM EST MONDAY 18 SEPTEMBER 1961.

AT 2 AM EST HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 26.1 NORTH LONGITUDE 08.5 WEST. THIS LOCATION IS ABOUT 360 STATUTE MILES NORTH NORTHEAST OF TURKS ISLAND IN THE SOUTHEAST BAHAMAS OR 725 MILES EAST OF MIAMI AND SOME 485 MILES SOUTH-SOUTHWEST OF BERMUDA. ESTHER CONTINUES ON A COURSE WEST-NORTHWEST AT 12 MPH.

THIS IS A VERY SEVERE HURRICANE WITH SUSTAINED WINDS NEAR 150 MPH NEAR THE CENTER. GUSTS ARE PROBABLY AS HIGH AS 175 TO 200 MPH AND GALES EXTEND OUTWARD 350 MILES TO THE NORTH AND EAST OF THE CENTER AND 200 MILES IN THE SOUTHWEST QUADRANT.

HURRICANE ESTHER IS FORECAST TO REMAIN ON A WEST-NORTHWESTERLY COURSE AT ABOUT THE SAME FORWARD SPEED DURING THE NEXT 12 HOURS ALTHOUGH ACQUIRING SOME TENDENCY TOWARD A MORE NORTHWESTERLY MOVEMENT. NO SIGNIFICANT CHANGE IS EXPECTED IN SIZE OR INTENSITY. THE EVENTUAL TRACK OF THE HURRICANE WITH REFERENCE TO THE COASTLINE IS NOT YET CERTAIN. THEREFORE ALL INTERESTS IN THE NORTHERN BAHAMAS AND ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD KEEP VERY CLOSE WATCH ON FUTURE ADVISORIES.

HEAVY SWELLS ARE REPORTED IN THE OUT ISLANDS OF THE BAHAMAS SO THAT SMALL CRAFT IN THE BAHAMAS SHOULD REMAIN IN PORT AS HEAVY SURF AND SWELLS WILL CONTINUE TO INCREASE ESPECIALLY ON THE NORTHERN AND EASTERN SIDES OF THE ISLANDS.

A DISPATCH FROM THE WEATHER BUREAU IN PUERTO RICO HAS INDICATED THAT SWELLS HAVE SUBSIDED ALONG THE NORTH COASTS OF HISPANIOLA PUERTO RICO VIRGIN ISLANDS AND NORTHERN LEEWARDS AND THAT SMALL CRAFT WARNINGS ARE BEING LOWERED IN THOSE AREAS.

THIS IS A LARGE AND DANGEROUS HURRICANE AND SHIPPING SHOULD EXERCISE EXTREME CAUTION.

IT IS AGAIN EMPHASIZED THAT ALL INTERESTS IN THE NORTHERN BAHAMAS AND ALONG THE ATLANTIC SEABOARD OF THE UNITED STATES SHOULD KEEP POSTED ON ALL FUTURE ADVISORIES.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 23 ESTHER 5 AM EST 18 SEPTEMBER 1961

ALL INTERESTS IN THE NORTHERN BAHAMAS AND ALONG THE ATLANTIC SEABOARD SHOULD KEEP VERY CLOSE WATCH ON FUTURE ADVISORIES.

AT 5 AM EST...1000Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 26.4 NORTH LONGITUDE 08.9 WEST OR 725 STATUTE MILES EAST OF BOCA RATON FLORIDA 460 MILES SOUTHWEST OF BERMUDA AND 375 MILES NORTH NORTHEAST OF TURKS ISLAND IN THE BAHAMAS. THIS POSITION IS BASED ON RECONNAISSANCE AIRCRAFT AND INDICATES THAT ESTHER IS MOVING TOWARDS THE WEST-NORTHWEST AT 12 MPH.

THIS IS A VERY SEVERE HURRICANE WITH HIGHEST SUSTAINED WINDS ESTIMATED 150 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 170 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD SOME 350 MILES TO THE NORTH AND EAST AND 200 MILES SOUTHWEST OF THE CENTER. THE CENTRAL PRESSURE WAS REPORTED AS 933 MILLIBARS OR 27.55 INCHES WHICH INDICATES POSSIBLE WIND GUSTS IN SQUALLS UP TO 175 TO 200 MPH.

HURRICANE ESTHER IS FORECAST TO MOVE TOWARDS THE WEST-NORTHWEST AT 12 MPH DURING THE NEXT 12 HOURS WITH NO SIGNIFICANT CHANGE IN SIZE OR INTENSITY. A SLIGHT TURNING TO A MORE NORTHWESTERLY COURSE IS INDICATED TONIGHT.

HEAVY SWELLS ARE REPORTED IN THE OUT ISLANDS OF THE BAHAMAS SO THAT SMALL CRAFT IN THE BAHAMAS SHOULD REMAIN IN PORT AS SWELLS AND HEAVY SURF WILL CONTINUE TO INCREASE. SMALL CRAFT FROM BLOCK ISLAND TO MIAMI SHOULD REMAIN IN PORT OR PROTECTED WATERS.

THIS IS A LARGE AND DANGEROUS HURRICANE AND SHIPPING SHOULD EXERCISE EXTREME CAUTION.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 AM EST WITH AN INTERMEDIATE BULLETIN AT 6 AM EST.

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU BULLETIN HURRICANE ESTHER FOR PRESS RADIO AND TV 8 AM EST 18 SEPTEMBER 1961.

ALL INTERESTS IN THE NORTHERN BAHAMAS AND ALONG THE ATLANTIC SEABOARD SHOULD KEEP VERY CLOSE WATCH ON FUTURE ADVISORIES.

AT 8 AM HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 26.8 NORTH LONGITUDE 09.2 WEST OR NEARLY 700 STATUTE MILES EAST OF PALM BEACH OR 725 MILES FROM MIAMI. IT IS NOW 450 MILES SOUTHWEST OF BERMUDA. ESTHER CONTINUES TO MOVE WEST-NORTHWEST AT 12 MPH.

THIS IS A VERY SEVERE HURRICANE WITH HIGHEST SUSTAINED WINDS ESTIMATED 150 MPH WITH GUSTS IN SQUALLS POSSIBLY AS HIGH AS 200 MPH. HURRICANE WINDS EXTEND OUTWARD 170 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD SOME 350 MILES TO THE NORTH AND EAST AND 200 MILES SOUTHWEST OF THE CENTER.

HURRICANE ESTHER IS FORECAST TO MOVE TOWARDS THE WEST-NORTHWEST AT 12 MPH TODAY TURNING TO A MORE NORTHWESTERLY COURSE TONIGHT. THERE SHOULD BE NO IMPORTANT CHANGE IN SIZE OR INTENSITY.

HEAVY SWELLS AS HIGH AS 7 FEET HAVE BEEN REPORTED IN THE OUT ISLANDS OF THE BAHAMAS SO THAT SMALL CRAFT IN THE BAHAMAS SHOULD REMAIN IN PORT AS SWELLS AND HEAVY SURF WILL CONTINUE TO INCREASE. SMALL CRAFT FROM BLOCK ISLAND TO MIAMI SHOULD REMAIN IN PORT OR PROTECTED WATERS.

ESTHER REMAINS OUT OF RANGE OF ALL LAND BASED RADAR HOWEVER AIRCRAFT FROM THE WEATHER BUREAU THE AIR FORCE AND THE NAVY WILL KEEP THE STORM UNDER CONTINUOUS SURVEILLANCE.

THIS IS A LARGE AND DANGEROUS HURRICANE AND SHIPPING SHOULD EXERCISE EXTREME CAUTION.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 24 ESTHER 11 AM EST 18 SEPTEMBER 1961.

ALL INTERESTS ALONG THE ATLANTIC SEABOARD SHOULD KEEP VERY CLOSE WATCH ON FUTURE ADVISORIES.

AT 11 AM EST...1600Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 27.3 NORTH LONGITUDE 69.2 WEST OR ABOUT 665 STATUTE MILES EAST OF STUART FLORIDA AND ABOUT THE SAME DISTANCE SOUTHEAST OF WILMINGTON N.C. THIS POSITION IS BASED ON A PENETRATION OF THE CENTER BY RECONNAISSANCE AIRCRAFT THIS MORNING. THE HURRICANE TOOK SOMEWHAT OF A TURN TO THE NORTH FOR A WHILE THIS MORNING BUT ITS AVERAGE MOVEMENT IS APARTENTLY TOWARD THE NORTHWEST AT 12 MPH.

THIS IS A VERY SEVERE HURRICANE WITH HIGHEST SUSTAINED WINDS ESTIMATED 150 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 170 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD SOME 350 MILES IN THE NORTHEAST SEMICIRCLE AND 200 MILES TO THE SOUTHWEST. THE CENTRAL PRESSURE THIS MORNING WAS REPORTED AS 936 MB OR 27.64 INCHES INDICATING A SLIGHT DECREASE IN INTENSITY DURING THE NIGHT. WIND GUSTS IN SQUALLS UP TO 190 MPH ARE LIKELY.

HURRICANE ESTHER IS FORECAST TO MOVE TOWARD THE NORTHWEST DURING THE NEXT 12 HOURS WITH NO SIGNIFICANT CHANGE IN SPEED SIZE OR INTENSITY.

HEAVY SWELLS ARE REPORTED IN THE OUT ISLANDS OF THE BAHAMAS AND ARE NOW REACHING PORTIONS OF THE SOUTH ATLANTIC COAST. SMALL CRAFT IN THE BAHAMAS AND FROM BLOCK ISLAND TO MIAMI SHOULD REMAIN IN PORT OR PROTECTED WATERS.

THIS IS A LARGE AND DANGEROUS HURRICANE AND SHIPPING SHOULD EXERCISE EXTREME CAUTION.

SOUTH FLORIDA NOW APPEARS DEFINITELY TO BE IN THE CLEAR FROM THIS HURRICANE AND ONLY A VERY REMOTE CHANCE REMAINS THAT IT COULD MATERIALLY AFFECT NORTH FLORIDA. HOWEVER ALL INTERESTS ALONG THE FLORIDA EAST COAST AS WELL AS ALONG THE REMAINDER OF THE ATLANTIC SEABOARD SHOULD KEEP POSTED ON FUTURE ADVISORIES.

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

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU BULLETIN HURRICANE ESTHER FOR PRESS RADIO AND TV 2 PM EST SEPTEMBER 18 1961.

ALL INTERESTS ALONG THE ATLANTIC COAST ARE URGED TO LISTEN FOR FUTURE ADVICES.

HURRICANE ESTHER CONTINUES MOVING TOWARD THE NORTHWEST ABOUT 12 MPH AND AT 2 PM EST WAS CENTERED NEAR LATITUDE 27.8 NORTH AND LONGITUDE 69.7 WEST OR ABOUT 650 MILES EAST OF VERO BEACH FLORIDA.

HIGHEST WINDS ARE ESTIMATED 150 MPH NEAR THE CENTER OF THIS SEVERE HURRICANE AND GALES EXTEND OUT SOME 350 MILES TO THE EAST AND NORTH OF THE CENTER AND 200 MILES TO THE SOUTHWEST.

SMALL CRAFT IN THE BAHAMAS AND FROM BLOCK ISLAND TO MIAMI SHOULD REMAIN IN PORT AS THE SEAS ARE BECOMING VERY ROUGH. SHIPPING IN THE SOUTHWEST ATLANTIC SHOULD EXERCISE EXTREME CAUTION.

MOVEMENT TOWARD THE NORTHWEST AT ABOUT THE SAME SPEED IS EXPECTED TO CONTINUE FOR THE NEXT 12 TO 18 HOURS. AS THIS CONTINUES THE THREAT TO FLORIDA IS PRACTICALLY ELIMINATED AND THE THREAT TO GEORGIA LESSENS CONSIDERABLY.

THE NEXT ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 5 PM EST. ALL INTERESTS ALONG THE ATLANTIC COAST ARE AGAIN URGED TO LISTEN FOR FUTURE ADVICES.

KRAFT WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 25 ESTHER 5 PM EST 18 SEPTEMBER 1961.

GALE WARNINGS ARE ORDERED EFFECTIVE IMMEDIATELY FROM MYRTLE BEACH S.C. TO NORFOLK VA.

HURRICANE WATCH IS ALSO EFFECTIVE FROM MYRTLE BEACH S.C. TO NORFOLK VA. WHILE THE EVENTUAL PATH OF SEVERE HURRICANE ESTHER CAN NOT AS YET BE FORECAST WITH CERTAINTY IT SHOULD COME FAIRLY CLOSE AND THREATEN THE NORTH CAROLINA COAST LATE TUESDAY. A VERY SMALL WESTWARD CHANGE IN DIRECTION FROM THAT NOW EXPECTED COULD BRING THE FULL FORCE OF THE HURRICANE OVER EXTREME EASTERN NORTH CAROLINA. THEREFORE EVERYONE IN THE AREA OF THE HURRICANE WATCH SHOULD LISTEN FOR FURTHER INFORMATION FROM THE WEATHER BUREAU DURING THE NEXT TWO DAYS AND BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS TOMORROW TUESDAY.

AT 5 PM EST...2200Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 28.8 NORTH LONGITUDE 70.2 WEST OR ABOUT 620 STATUTE MILES EAST OF DAYTONA BEACH AND 570 MILES SOUTHEAST OF WILMINGTON. THE HURRICANE HAS BEEN MOVING TOWARD THE NORTHWEST THIS AFTERNOON AT A LITTLE FASTER RATE OF 16 MPH.

THE CENTRAL PRESSURE HAS CONTINUED TO RISE DURING THE DAY AND IS NOW 943 MB OR 27.85 INCHES. HOWEVER, THIS CONTINUES TO BE A VERY DANGEROUS HURRICANE WITH HIGHEST SUSTAINED WINDS ESTIMATED 150 MPH NEAR THE CENTER. HURRICANE WINDS EXTEND OUTWARD 170 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD SOME 350 MILES IN THE NORTHEAST SEMICIRCLE AND 200 MILES TO THE SOUTHWEST.

HURRICANE ESTHER IS FORECAST TO MOVE TOWARD THE NORTHWEST DURING THE NEXT 12 HOURS WITH NO IMPORTANT ADDITIONAL ACCELERATION.

SMALL CRAFT IN THE BAHAMAS AND FROM BLOCK ISLAND TO CAPE CANAVERAL SHOULD REMAIN IN PORT. HEAVY SWELLS AND SURF MAY BE EXPECTED GENERALLY AND SEAS WILL BECOME VERY ROUGH DURING TUESDAY FROM NORFOLK TO MYRTLE BEACH.

THIS IS A LARGE AND DANGEROUS HURRICANE AND SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

THE ATLANTIC COASTAL AREAS OF FLORIDA AND GEORGIA APPEAR DEFINITELY TO BE IN THE CLEAR. HOWEVER ALL INTERESTS ALONG THE ATLANTIC SEABOARD FROM SAVANNAH NORTHWARD SHOULD KEEP POSTED ON FUTURE ADVISORIES.

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 BULLETIN HURRICANE ESTHER FOR PRESS RADIO AND TV 8PM EST SEPTEMBER 18 1961.

A HURRICANE WATCH AND GALE WARNINGS ARE IN EFFECT FROM MYRTLE BEACH SOUTH CAROLINA TO NORFOLK VIRGINIA. THE EVENTUAL PATH OF SEVERE HURRICANE ESTHER CAN NOT AS YET BE FORECAST WITH CERTAINTY HOWEVER IT SHOULD COME FAIRLY CLOSE AND THREATEN THE NORTH CAROLINA COAST LATE TUESDAY. A VERY SMALL WESTWARD CHANGE IN DIRECTION FROM THAT NOW EXPECTED COULD BRING THE FULL FORCE OF THE HURRICANE OVER EXTREME EASTERN NORTH CAROLINA. THEREFORE EVERYONE IN THE AREA OF THE HURRICANE WATCH SHOULD LISTEN FOR FURTHER INFORMATION FROM THE WEATHER BUREAU DURING THE NEXT TWO DAYS AND BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS TUESDAY.

HURRICANE ESTHER IS CONTINUING NORTHWESTWARD ABOUT 16 MPH AND IS ESTIMATED TO BE CENTERED AT 8 PM EST NEAR LATITUDE 29.3 NORTH LONGITUDE 70.5 WEST OR ABOUT 610 MILES DUE EAST OF DAYTONA BEACH.

HIGHEST WINDS REMAIN AROUND 150 MPH NEAR THE CENTER WITH HURRICANE WINDS EXTENDING OUTWARD 170 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD SOME 350 MILES TO THE NORTHEAST AND 200 MILES TO THE SOUTHWEST.

SMALL CRAFT IN THE BAHAMAS AND FROM PROVINCETOWN TO CAPE CANAVERAL SHOULD REMAIN IN PORT AS SEAS BECOME INCREASINGLY ROUGH. HEAVY SWELLS AND SURF MAY BE EXPECTED GENERALLY AND SEAS WILL BECOME VERY ROUGH DURING TUESDAY FROM NORFOLK TO MYRTLE BEACH. TIDES ARE RUNNING ONE TO TWO FEET ABOVE NORMAL ALONG THE MID ATLANTIC COAST AND WILL LIKELY CONTINUE TO RISE SLOWLY TONIGHT AND TUESDAY.

CONTINUED NORTHWESTERLY MOVEMENT AT ABOUT THE SAME FORWARD SPEED IS EXPECTED DURING THE NEXT 12 HOURS WITH LITTLE CHANGE IN SIZE OR INTENSITY. THIS MEANS THE ATLANTIC COASTAL AREAS OF FLORIDA AND GEORGIA APPEAR DEFINITELY IN THE CLEAR. HOWEVER ALL INTERESTS FROM SAVANNAH NORTHWARD SHOULD KEEP POSTED ON FUTURE ADVISORIES.

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

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 26 ESTHER 11 PM EST SEPTEMBER 18 1961.

A HURRICANE WATCH AND GALE WARNINGS ARE IN EFFECT FROM MYRTLE BEACH SOUTH CAROLINA TO NORFOLK VIRGINIA. SINCE THE EVENTUAL PATH OF SEVERE HURRICANE ESTHER IS NOT YET CERTAIN EVERYONE IN THE AREA OF THE HURRICANE WATCH SHOULD LISTEN FOR FURTHER INFORMATION AND BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS TUESDAY.

AT 11 PM EST...0400Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 29.9 NORTH LONGITUDE 70.8 WEST OR ABOUT 450 STATUTE MILES SOUTHEAST OF CAPE HATTERAS NORTH CAROLINA AND 600 MILES EAST OF ST AUGUSTINE FLORIDA. THIS POSITION IS BASED ON RECONNAISSANCE AIRCRAFT PENETRATION AND INDICATES ESTHER CONTINUES ON A COURSE TOWARDS THE NORTHWEST AT ABOUT 16 MPH.

HURRICANE ESTHER REMAINS A DANGEROUS STORM WITH MAXIMUM WINDS 150 MPH NEAR THE CENTER AND HURRICANE WINDS EXTENDING OUTWARD 170 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD SOME 350 MILES EXCEPT 200 MILES TO THE SOUTHWEST. LOWEST PRESSURE REPORTED WAS 940 MILLIBARS OR 27.75 INCHES.

CONTINUED MOVEMENT TOWARDS THE NORTHWEST AT 16 MPH IS FORECAST FOR THE NEXT 12 HOURS WITH NO IMPORTANT CHANGE IN SIZE OR INTENSITY. THIS MEANS THE GEORGIA AND FLORIDA COASTS ARE NOW IN THE CLEAR HOWEVER ALL INTERESTS FROM SAVANNAH NORTHWARD SHOULD KEEP POSTED ON FUTURE ADVISORIES.

SMALL CRAFT IN THE BAHAMAS AND FROM PROVINCETOWN MASS TO CAPE CANAVERAL SHOULD REMAIN IN PORT AS SEAS BECOME INCREASINGLY ROUGH. SEAS WILL BECOME VERY ROUGH DURING TUESDAY FROM MYRTLE BEACH TO NORFOLK. TIDES ARE RUNNING ONE TO TWO FEET ABOVE NORMAL ALONG THE MID ATLANTIC COAST AND WILL CONTINUE TO RISE SLOWLY TONIGHT AND TUESDAY.

THIS IS A LARGE AND DANGEROUS HURRICANE AND SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

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

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU BULLETIN HURRICANE ESTHER FOR PRESS RADIO AND TELEVISION 2 AM EST 19 SEPTEMBER 1961.

A HURRICANE WATCH AND GALE WARNINGS ARE IN EFFECT FOR MYRTLE BEACH SOUTH CAROLINA TO NORFOLK VIRGINIA. ALL INTERESTS IN THIS AREA SHOULD KEEP POSTED ON ALL FURTHER ADVISORIES AND BULLETINS AND BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS.

AT 2 AM EST DANGEROUS HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 30.4 NORTH LONGITUDE 71.5 WEST. THIS LOCATION IS BASED ON AIRCRAFT RECONNAISSANCE AND IS ABOUT 400 STATUTE MILES SOUTHEAST OF CAPE HATTERAS OR NEARLY 600 MILES DUE EAST OF JACKSONVILLE BEACH. ESTHER IS MOVING ON A COURSE TOWARDS THE NORTHWEST AT 15 MPH.

HURRICANE ESTHER REMAINS A DANGEROUS STORM WITH MAXIMUM WINDS 150 MPH NEAR THE CENTER AND HURRICANE WINDS EXTENDING OUTWARD 170 MILES IN THE NORTHEAST SEMICIRCLE AND 110 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD SOME 350 MILES EXCEPT 200 MILES TO THE SOUTHWEST.

ESTHER SHOULD CONTINUE TO MOVE TOWARDS THE NORTHWEST ABOUT 15 MPH TODAY WITH NO IMPORTANT CHANGE IN SIZE OR INTENSITY. THE GEORGIA AND FLORIDA COASTS ARE NOW IN THE CLEAR HOWEVER ALL INTERESTS FROM SAVANNAH NORTHWARD SHOULD KEEP POSTED ON FUTURE ADVISORIES.

SMALL CRAFT IN THE BAHAMAS AND FROM PROVINCETOWN MASS TO CAPE CANAVERAL SHOULD REMAIN IN PORT AS SEAS BECOME INCREASINGLY ROUGH. SEAS WILL BECOME VERY ROUGH TODAY FROM MYRTLE BEACH NORTHWARD TO NORFOLK. TIDES OF 3 FEET ABOVE NORMAL HAVE BEEN REPORTED AT OAK ISLAND JUST SOUTH OF WILMINGTON NORTH CAROLINA AND AT CAPE LOOKOUT JUST SOUTH OF HATTERAS. A CONTINUED RISE IN TIDES IS INDICATED TODAY ESPECIALLY CAPE HATTERAS AREA NORTHWARD TO NORFOLK.

THIS IS A LARGE AND SEVERE HURRICANE AND SHIPPING SHOULD EXERCISE EXTREME CAUTION.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 27 ESTHER 5 AM EST 19 SEPTEMBER 1961

HOIST HURRICANE WARNINGS CHERRY POINT NORTH CAROLINA NORTHWARD TO THE VIRGINIA CAPES. LARGE AND DANGEROUS HURRICANE ESTHER WILL CAUSE GALE WINDS FROM CHERRY POINT TO THE VIRGINIA CAPES THIS MORNING AND HURRICANE FORCE WINDS

LATE THIS AFTERNOON OR TONIGHT. TIDES ALONG THE COAST AHEAD OF HURRICANE ESTHER WILL RISE 4 TO 8 FEET ABOVE NORMAL AND ARE LIKELY TO BE HIGHER IF THE HURRICANE TAKES A LITTLE MORE WESTERLY COURSE OR IF THE FORWARD SPEED BECOMES LESS. PEOPLE RESIDING IN THE LOW LYING AREAS TENTS AND TRAILERS SHOULD SEEK HIGH GROUND WITH SUITABLE SHELTER IMMEDIATELY. SOME ESCAPE ROUTES WILL BECOME FLOODED AS WATERS RISE TODAY AND TONIGHT. SAFETY PRECAUTIONS SHOULD BE STARTED NOW.

HEAVY RAINS WILL OCCUR ALONG THE COASTAL SECTIONS OF NORTH CAROLINA AND VIRGINIA AS THE HURRICANE APPROACHES.

HOIST GALE WARNINGS NORTH OF THE VIRGINIA CAPES TO CAPE MAY NEW JERSEY AND OVER THE SOUTH HALF OF THE CHESAPEAKE BAY. THE HURRICANE WATCH AND GALE WARNINGS CONTINUE MYRTLE BEACH SOUTH CAROLINA NORTHWARD TO CHERRY POINT AND ARE EXTENDED NORTHWARD FROM THE VIRGINIA CAPES TO CAPE MAY NEW JERSEY AND OVER THE SOUTH HALF OF THE CHESAPEAKE BAY AND RESIDENTS IN THESE AREAS SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS.

SMALL CRAFT IN THE NORTHERN BAHAMAS AND FROM CAPE ANN MASS SOUTHWARD TO CAPE CANAVERAL FLORIDA SHOULD REMAIN IN PORT AND THOSE IN THE AREA OF HURRICANE AND GALE WARNING DISPLAY SHOULD SEEK SAFE HARBOR.

AT 5 AM EST 1000Z HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 30.7 NORTH LONGITUDE 71.8 WEST OR ABOUT 300 STATUTE MILES SOUTHEAST OF CAPE HATTERAS AND 580 MILES DUE EAST OF THE GEORGIA FLORIDA BOUNDARY. THIS POSITION IS BASED ON AIRCRAFT PENETRATION AND INDICATES THAT ESTHER CONTINUES ON A NORTHWEST COURSE NEAR 14 MPH.

HURRICANE ESTHER IS DANGEROUS WITH MAXIMUM WINDS 150 MPH NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 170 MILES IN THE NORTH EAST SEMICIRCLE AND 110 MILES TO THE SOUTHWEST. GALES EXTEND OUTWARD SOME 350 MILES EXCEPT 200 MILES IN THE SOUTHWEST QUADRANT. THE LOWEST PRESSURE THIS MORNING WAS 948 MB OR 27.99 INCHES.

ESTHER IS FORECAST TO CONTINUE MOVING TOWARDS THE NORTHWEST AT 14 MPH DURING THE NEXT 12 HOURS. ONLY A SLIGHT TURNING IS INDICATED TONIGHT SO THAT THE CENTER IS EXPECTED TO PASS JUST EAST OF CAPE HATTERAS LATE TONIGHT OR EARLY WEDNESDAY. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS EXPECTED.

THIS IS A LARGE AND DANGEROUS HURRICANE AND SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

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

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU BULLETIN HURRICANE ESTHER FOR PRESS RADIO AND TV 8 AM EST 19 SEPTEMBER 1961.

HURRICANE WARNINGS DISPLAYED CHERRY POINT NORTH CAROLINA NORTHWARD TO THE VIRGINIA CAPES. LARGE AND DANGEROUS HURRICANE ESTHER WILL CAUSE GALE WINDS FROM CHERRY POINT TO THE VIRGINIA CAPES THIS MORNING AND HURRICANE FORCE WINDS LATE THIS AFTERNOON OR TONIGHT. TIDES ALONG THE COAST AHEAD OF HURRICANE ESTHER WILL RISE 4 TO 8 FEET ABOVE NORMAL AND ARE LIKELY TO BE HIGHER IF THE HURRICANE TAKES A LITTLE MORE WESTERLY COURSE OR IF THE FORWARD SPEED BECOMES LESS. PEOPLE RESIDING IN THE LOW LYING AREAS TENTS AND TRAILERS SHOULD SEEK HIGH GROUND WITH SUITABLE SHELTER IMMEDIATELY. SOME ESCAPE ROUTES WILL BECOME FLOODED AS WATERS RISE TODAY AND TONIGHT. SAFETY PRECAUTIONS SHOULD BE STARTED NOW.

HURRICANE WATCH AND GALE WARNINGS DISPLAYED NORTH OF THE VIRGINIA CAPES TO CAPE MAY NEW JERSEY AND OVER THE SOUTH HALF OF THE CHESAPEAKE BAY AND FROM CHERRY POINT NORTH CAROLINA SOUTHWARD TO MYRTLE BEACH SOUTH CAROLINA. RESIDENTS IN THESE AREAS SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS.

AT 8 AM EST...1300Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 31.0 NORTH LONGITUDE 72.3 WEST OR ABOUT 335 STATUTE MILES SOUTHEAST OF CAPE HATTERAS AND 560 MILES DUE EAST OF BRUNSWICK GEORGIA. THIS POSITION IS BASED ON AIRCRAFT PENETRATION AND INDICATES THAT ESTHER CONTINUES ON A NORTHWEST COURSE NEAR 14 MPH.

SMALL CRAFT IN THE NORTHERN BAHAMAS AND FROM CAPE ANN MASS SOUTHWARD TO CAPE CANAVERAL FLORIDA SHOULD REMAIN IN PORT AS SEAS BECOME INCREASINGLY ROUGH AND THOSE IN THE AREA OF HURRICANE AND GALE WARNING DISPLAY SHOULD SEEK SAFE HARBOR. TIDES OF 3 FEET ABOVE NORMAL WERE REPORTED AT OAK ISLAND JUST SOUTH OF WILMINGTON NORTH CAROLINA THIS MORNING AT 4 AM.

HURRICANE ESTHER IS DANGEROUS WITH MAXIMUM WINDS 150 MPH NEAR THE CENTER. GALES EXTEND OUTWARD SOME 350 MILES EXCEPT 200 MILES IN THE SOUTHWEST QUADRANT. THE LOWEST PRESSURE THIS MORNING WAS 940 MILLIBARS OR 27.76 INCHES.

ESTHER IS FORECAST TO CONTINUE MOVING TOWARD THE NORTHWEST AT 14 MPH DURING THE NEXT 12 HOURS WHICH SHOULD BRING THE STORM WITHIN RANGE OF THE CAPE HATTERAS RADAR EARLY THIS AFTERNOON. ONLY A SLIGHT TURNING IS INDICATED TONIGHT SO THAT THE CENTER IS EXPECTED TO PASS JUST EAST OF CAPE HATTERAS LATE TONIGHT OR EARLY WEDNESDAY. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS EXPECTED.

THIS IS A LARGE AND DANGEROUS HURRICANE AND SHIPPING IN ITS PATH SHOULD EXERCISE EXTREME CAUTION.

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

FRANK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 28 ESTHER 11 AM EST 19 SEPTEMBER 1961

HURRICANE WARNINGS ARE DISPLAYED CHERRY POINT NORTH CAROLINA NORTHWARD TO THE VIRGINIA CAPES. LARGE AND SEVERE HURRICANE ESTHER IS MOVING ON A NORTHWEST TO NORTHNORTHWEST COURSE AT ABOUT 13 MPH IN THE GENERAL DIRECTION OF CAPE HATTERAS AND SHOULD PASS NOT FAR FROM CAPE HATTERAS TOMORROW WEDNESDAY FORENOON. WINDS WILL BE GRADUALLY INCREASING IN THE AREA OF DISPLAY REACHING GALE FORCE EARLY THIS EVENING AND HURRICANE FORCE LATE TONIGHT. TIDES ALONG THE COAST AHEAD OF THE HURRICANE WILL RISE 4 TO 8 FEET ABOVE NORMAL AND WILL BE HIGHER IN SOME LOCALITIES IF THE HURRICANE SHOULD TAKE A LITTLE MORE WESTERLY COURSE THAN NOW INDICATED. PERSONS RESIDING IN THE LOW LYING AREAS TENTS AND TRAILERS SHOULD SEEK HIGH GROUND AND SUITABLE SHELTER IMMEDIATELY. SOME ESCAPE ROUTES WILL BECOME FLOODED AS TIDAL WATERS BEGIN RISING MORE RAPIDLY BY EARLY THIS EVENING. SAFETY PRECAUTIONS SHOULD BE STARTED NOW.

HURRICANE WATCH AND GALE WARNINGS ARE NOW DISPLAYED NORTH OF THE VIRGINIA CAPES TO CAPE MAY NJ INCLUDING ALL OF CHESAPEAKE AND DELAWARE BAYS AND FROM SOUTH OF CHERRY POINT NC TO MYRTLE BEACH SC. RESIDENTS OF THESE AREAS SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY LATER TO ISSUE HURRICANE WARNINGS. (continued)

AT 11 AM EST...1600Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 31.3 NORTH LONGITUDE 72.4 WEST OR ABOUT 500 STATUTE MILES A LITTLE SOUTH OF DUE EAST FROM SAVANNAH GA. AND A LITTLE MORE THAN 300 MILES SOUTHEAST OF CAPE HATTERAS.

SMALL CRAFT ALONG THE ATLANTIC COAST FROM CAPE ANN MASS SOUTHWARD TO JACKSONVILLE FLA SHOULD REMAIN IN PORT AS SEAS BECOME INCREASINGLY ROUGH AND THOSE IN THE AREA OF HURRICANE AND GALE WARNING DISPLAY SHOULD SEEK SAFE HARBOR.

HURRICANE ESTHER CONTINUES TO BE A VERY DANGEROUS STORM WITH MAXIMUM SUSTAINED WINDS 150 MPH NEAR THE CENTER WITH CONSIDERABLY HIGHER GUSTS IN THE SEVEREST SQUALLS. GALES EXTEND OUTWARD SOME 350 MILES EXCEPT 200 MILES IN THE SOUTHWEST QUADRANT. THE LOWEST PRESSURE THIS MORNING WAS 94.0 MB OR 27.76 INCHES.

ESTHER IS FORECAST TO CONTINUE MOVING TOWARD THE NORTHWEST OR NORTHNORTHWEST DURING THE NEXT 12 HOURS WITH ONLY A VERY SLIGHT TURNING TOWARD A MORE NORTHERLY COMPONENT. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS EXPECTED.

ALL SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE EXTREME CAUTION. ALL INTERESTS ALONG THE ATLANTIC COAST NORTH OF CHARLESTON SC SHOULD KEEP POSTED ON FORTHCOMING ADVISORIES ON THIS DANGEROUS HURRICANE.

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

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU BULLETIN HURRICANE ESTHER FOR PRESS RADIO AND TV 2 PM EST SEPTEMBER 19 1961.

AT 2 PM EST HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 31.6 NORTH LONGITUDE 72.9 WEST OR A LITTLE LESS THAN 300 STATUTE MILES SOUTHEAST OF CAPE HATTERAS. THE OUTER FRINGES OF HURRICANE ESTHER ARE NOW REACHING THE EXTREME EAST COAST OF NORTH CAROLINA WHERE SOME WINDS OF 40 MPH ARE ALREADY OCCURRING WITH RISING TIDES AND VERY ROUGH SEAS.

HURRICANE WARNINGS ARE DISPLAYED FROM CHERRY POINT NC TO THE VIRGINIA CAPES. GALE WARNINGS ARE DISPLAYED AND A HURRICANE WATCH IS IN EFFECT ELSEWHERE FROM MYRTLE BEACH SC TO CAPE MAY NJ INCLUDING ALL OF CHESAPEAKE AND DELAWARE BAYS.

HURRICANE ESTHER A LARGE AND DANGEROUS STORM WITH WINDS UP TO 150 MPH NEAR ITS CENTER CONTINUES MOVING IN THE GENERAL DIRECTION OF CAPE HATTERAS ABOUT 13 MPH. THIS COURSE AND SPEED WILL BRING HURRICANE FORCE WINDS AND TIDES OF 4 TO 8 FEET ABOVE NORMAL FROM CHERRY POINT TO THE VIRGINIA CAPES LATE TONIGHT AND EARLY WEDNESDAY. TIDES WILL BE EVEN HIGHER IF THE HURRICANE SHOULD TAKE A LITTLE MORE WESTERLY COURSE THAN NOW INDICATED. TIDES ARE UP TO 3 FEET ABOVE NORMAL ALONG MID ATLANTIC COAST AND A FEW OF THE COASTAL ROADS ARE ALREADY FLOODED. ALL PERSONS RESIDING IN LOW LYING AREAS TENTS AND TRAILERS SHOULD SEEK HIGH GROUND AND SUITABLE SHELTER IMMEDIATELY.

HEAVY RAINS WILL SPREAD THROUGH MUCH OF THE MID ATLANTIC COASTAL AREA TONIGHT AND WEDNESDAY AND PERSONS IN AREAS THAT FLOOD SHOULD BE ON THE ALERT FOR THIS POSSIBILITY.

SMALL CRAFT ALONG THE EAST COAST FROM MASSACHUSETTS TO JACKSONVILLE FLORIDA SHOULD REMAIN IN PORT AND THOSE IN THE AREA OF GALE AND HURRICANE DISPLAY SHOULD SEEK SAFE SHELTER. ALL SHIPPING IN THE PATH OF THIS HURRICANE SHOULD EXERCISE EXTREME CAUTION. ALL INTERESTS ALONG THE COAST NORTH OF CHARLESTON SC SHOULD KEEP POSTED ON FUTURE ADVISORIES.

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

KRAFT WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 29 ESTHER 5 PM EST 19 SEPTEMBER 1961.

HURRICANE WARNINGS ARE DISPLAYED CHERRY POINT N.C. NORTHWARD TO THE VIRGINIA CAPES. LARGE AND DANGEROUS HURRICANE ESTHER IS NOW MOVING ON A NORTHNORTHWEST COURSE AT ABOUT 15 MPH AND SHOULD PASS NOT FAR FROM BUT TO THE EAST OF CAPE HATTERAS WEDNESDAY MORNING. WINDS WILL BE GRADUALLY INCREASING IN THE AREA OF DISPLAY REACHING GALE FORCE OVER MOST OF THE OUTER BANKS BY EARLY THIS EVENING AND HURRICANE FORCE LATE TONIGHT. TIDES ALONG THE COAST AHEAD OF THE HURRICANE WILL RISE TO 4 TO 8 FEET ABOVE NORMAL. PERSONS RESIDING IN THE LOW LYING AREAS AND IN TENTS AND TRAILERS SHOULD BE IN SUITABLE SHELTERS ON HIGH GROUND BEFORE DARK TONIGHT. SOME SHALLOW FLOODING OF ESCAPE ROUTES HAS ALREADY OCCURRED AND TIDAL WATERS WILL BEGIN RISING MORE RAPIDLY TONIGHT. SAFETY PRECAUTIONS SHOULD BE COMPLETED AT THE EARLIEST POSSIBLE MOMENT.

A HURRICANE WATCH AND GALE WARNINGS HAVE NOW BEEN EXTENDED NORTHWARD TO BLOCK ISLAND RHODE ISLAND INCLUDING LONG ISLAND NEW YORK AND ARE NOW DISPLAYED NORTH OF THE VIRGINIA CAPES TO BLOCK ISLAND INCLUDING ALL OF CHESAPEAKE AND DELAWARE BAYS AND FROM SOUTH OF CHERRY POINT NORTH CAROLINA TO MYRTLE BEACH SOUTH CAROLINA. IT DOES NOT NOW SEEM LIKELY THAT THE MYRTLE BEACH AREA WILL BE SERIOUSLY AFFECTED BY THE HURRICANE BUT RESIDENTS OF THE COASTAL AREA NORTH OF THE VIRGINIA CAPES SHOULD BE READY FOR QUICK ACTIONS IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS.

AT 5 PM EST...2200Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 32.5 NORTH LONGITUDE 73.0 WEST OR ABOUT 400 STATUTE MILES EAST OF CHARLESTON SOUTH CAROLINA AND 240 MILES SOUTHEAST OF HATTERAS. IT IS MOVING NORTHNORTHWESTWARD AT 15 MPH.

SMALL CRAFT ALONG THE ATLANTIC COAST FROM CAPE ANN MASS SOUTHWARD TO JACKSONVILLE FLORIDA SHOULD REMAIN IN PORT AS SEAS BECOME INCREASINGLY ROUGH AND THOSE IN THE AREA OF HURRICANE AND GALE WARNING DISPLAY SHOULD SEEK SAFE HARBOR. ALL SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE EXTREME CAUTION.

HURRICANE ESTHER HAS WEAKENED SOMEWHAT IN ITS CENTRAL AREA AND THE LOWEST PRESSURE THIS AFTERNOON WAS 951 MILLIBARS OR 28.08 INCHES. MAXIMUM SUSTAINED WINDS NEAR THE CENTER ARE NOW ESTIMATED AT AROUND 130 MPH WITH HIGHER GUSTS IN THE SEVEREST SQUALLS. THE GALE AREA HAS NOT CHANGED SIGNIFICANTLY AND EXTENDS OUTWARD FROM THE CENTER SOME 350 MILES EXCEPT 200 MILES IN THE SOUTHWEST QUADRANT.

ESTHER IS FORECAST TO CONTINUE MOVING TOWARD THE NORTHNORTHWEST DURING THE NEXT 12 HOURS AND TOWARD THE NORTH DURING THE FOLLOWING 12 HOURS. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS EXPECTED DURING THE NEXT 12 HOURS.

ALL INTERESTS ALONG THE ATLANTIC COAST FROM WILMINGTON NORTH CAROLINA NORTHWARD SHOULD KEEP POSTED ON FORTHCOMING ADVISORIES ON THE DANGEROUS HURRICANE.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST WITH INTERMEDIATE BULLETINS AT 7 AND 9 PM.

DUNN WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 7 PM EST 19 SEPTEMBER 1961.

HURRICANE WARNINGS ARE NOW DISPLAYED FROM CHERRY POINT N. C. TO THE VIRGINIA CAPES AND THE HURRICANE WATCH AND GALE WARNINGS ARE BEING EXTENDED FARTHER NORTH AT 7 PM EST. THE HURRICANE WATCH AND GALE WARNINGS NOW EXTEND FROM NORTH OF THE VIRGINIA CAPES TO THE RHODE ISLAND AND MASSACHUSETTS COAST AND GALE WARNINGS HAVE ALSO BEEN RAISED FARTHER NORTH TO PORTSMOUTH NEW HAMPSHIRE. THE HURRICANE WATCH AND GALE WARNINGS ALSO INCLUDE LONG ISLAND NEW YORK ALL OF CHESAPEAKE AND DELAWARE BAYS AND FROM SOUTH OF CHERRY POINT N.C. TO MYRTLE BEACH S.C. HOWEVER IT DOES NOT NOW APPEAR THAT THE SOUTH CAROLINA COAST WILL BE SERIOUSLY AFFECTED BY THE HURRICANE.

WINDS WILL BE GRADUALLY INCREASING IN THE AREA OF HURRICANE WARNING DISPLAY REACHING GALE FORCE OVER MOST OF THE OUTER NORTH CAROLINA BANKS BY EARLY THIS EVENING AND HURRICANE FORCE LATE TONIGHT. TIDES ALONG THE COAST AHEAD OF THE HURRICANE WILL RISE 4 TO 6 FEET ABOVE NORMAL. PERSONS RESIDING IN LOW LYING AREAS SHOULD HAVE MOVED TO SUITABLE SHELTER ON HIGH GROUND BY NOW. SOME FLOODING OF ESCAPE ROUTES HAS ALREADY OCCURRED AND TIDAL WATERS WILL BE RISING MORE RAPIDLY TONIGHT. ALL SAFETY PRECAUTIONS IN THE AREA OF HURRICANE WARNING SHOULD BE COMPLETED AT THE EARLIEST POSSIBLE MOMENT. RESIDENTS OF THE COASTAL AREA NORTH OF THE VIRGINIA CAPES SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS.

AT 7 PM EST HURRICANE ESTHER CONTINUED TO MOVE TOWARDS THE NORTH NORTHWEST AT ABOUT 15 MPH AND WAS CENTERED ABOUT 200 MILES SOUTHEAST OF HATTERAS NEAR LATITUDE 33.0 NORTH LONGITUDE 73.3 WEST.

SMALL CRAFT ALONG THE ATLANTIC COAST FROM JACKSONVILLE NORTHWARD TO PORTSMOUTH NEW HAMPSHIRE SHOULD REMAIN IN PORT DUE TO ROUGH SEAS. THOSE IN THE AREA OF HURRICANE AND GALE WARNINGS SHOULD SEEK SAFE HARBOR. ALL SHIPPING IN THE PATH OF ESTHER SHOULD EXERCISE EXTREME CAUTION.

ALTHOUGH THE HURRICANE SHOWED SOME SLIGHT DECREASE IN MAXIMUM WINDS TODAY IT IS STILL A LARGE AND VERY DANGEROUS HURRICANE WITH HIGHEST WINDS OF ABOUT 130 MPH AND A FEW HIGHER GUSTS. GALES EXTEND OUTWARD SOME 350 MILES FROM THE CENTER EXCEPT ABOUT 200 MILES IN THE SOUTHWEST QUADRANT.

ESTHER IS FORECAST TO CONTINUE TOWARDS THE NORTHNORTHWEST AT ABOUT THE SAME RATE DURING THE NIGHT WITH NO IMPORTANT CHANGE IN SIZE OR INTENSITY. COASTAL RADAR AND AIRCRAFT RECONNAISSANCE WILL BE TRACKING THE HURRICANE.

ALL INTERESTS ALONG THE ATLANTIC COAST FROM WILMINGTON N. C. NORTHWARD SHOULD KEEP POSTED ON THE ADVICES ON ESTHER.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 11 PM EST WITH AN INTERMEDIATE BULLETIN AT 9 PM.

MOORE WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 9 PM EST 19 SEPTEMBER 1961.

HURRICANE WARNINGS ARE NOW DISPLAYED FROM CHERRY POINT N. C. TO THE VIRGINIA CAPES AND A HURRICANE WATCH NORTHWARD TO THE MASSACHUSETTS COAST. GALE WARNINGS ARE DISPLAYED ELSEWHERE NORTH OF WILMINGTON N. C. TO PORTSMOUTH N. H. A HURRICANE WATCH IS NO LONGER INDICATED SOUTH OF CHERRY POINT AND GALE WARNINGS HAVE BEEN DISCONTINUED WILMINGTON SOUTHWARD.

AT 9 PM EST HURRICANE ESTHER CONTINUED TO MOVE TOWARDS THE NORTHNORTHWEST AT ABOUT 15 MPH AND WAS CENTERED ABOUT 175 MILES SOUTHEAST OF CAPE HATTERAS NEAR LATITUDE 33.4 NORTH LONGITUDE 73.4 WEST.

SMALL CRAFT ALONG THE ATLANTIC COAST FROM JACKSONVILLE NORTHWARD TO PORTSMOUTH NEW HAMPSHIRE SHOULD REMAIN IN PORT DUE TO ROUGH SEAS. DIAMOND SHOALS LIGHT SHIP OFF THE SOUTHEAST COAST OF NORTH CAROLINA REPORTED 30 FOOT SEAS THIS EVENING. ALL SMALL CRAFT IN THE AREA OF HURRICANE AND GALE WARNING SHOULD SEEK SAFE HARBOR. ALL SHIPPING IN THE PATH OF ESTHER SHOULD EXERCISE EXTREME CAUTION.

HURRICANE ESTHER IS STILL A LARGE AND VERY DANGEROUS HURRICANE WITH HIGHEST WINDS ABOUT 130 MPH AND A FEW HIGHER GUSTS. GALES EXTEND OUTWARD SOME 350 MILES FROM THE CENTER EXCEPT SOME 200 MILES IN THE SOUTHWEST QUADRANT.

ESTHER IS FORECAST TO CONTINUE TOWARDS THE NORTHNORTHWEST AT ABOUT THE SAME RATE DURING THE NIGHT WITH NO IMPORTANT CHANGE IN SIZE OR INTENSITY. COASTAL RADAR AND RECONNAISSANCE WILL BE TRACKING THE HURRICANE THROUGH THE NIGHT.

ALL INTERESTS ALONG THE ATLANTIC COAST NORTH OF WILMINGTON N.C. SHOULD KEEP POSTED ON ALL FUTURE ADVISORIES AND BULLETINS ON ESTHER.

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

CLARK WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 30 ESTHER 11 PM EST 19 SEPTEMBER 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM CHERRY POINT NORTH CAROLINA TO THE VIRGINIA CAPES. LARGE AND DANGEROUS HURRICANE ESTHER IS CONTINUING ON A COURSE TOWARDS THE NORTH NORTHWEST AT ABOUT 16 MPH AND THE CENTER SHOULD PASS TO THE EAST OF CAPE HATTERAS EARLY WEDNESDAY MORNING. WINDS WILL BE INCREASING IN THE AREA OF DISPLAY REACHING GALE TO HURRICANE FORCE OVER THE OUTER BANKS TONIGHT AND SPREADING TO THE VIRGINIA CAPES WEDNESDAY MORNING. TIDES WILL RISE TO 4 TO 8 FEET ABOVE NORMAL. IT IS HOPED THAT ALL PERSONS FROM LOW LYING AREAS HAVE NOW MOVED TO SAFE SHELTER ON HIGH GROUND. WATERS WILL CONTINUE TO RISE AND ALL EVACUATIONS OR OTHER SAFETY PRECAUTIONS SHOULD BE COMPLETED IMMEDIATELY.

A HURRICANE WATCH IS IN EFFECT NORTH OF THE VIRGINIA CAPES TO THE MASSACHUSETTS COAST INCLUDING LONG ISLAND NEW YORK. GALE WARNINGS ARE ALSO DISPLAYED FOR THIS AREA AND FOR ALL OF CHESAPEAKE AND DELAWARE BAYS AND BETWEEN WILMINGTON NORTH CAROLINA AND CHERRY POINT NORTH CAROLINA. RESIDENTS OF THE AREA OF THE HURRICANE WATCH DISPLAY SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS.

AT 11 PM EST...0400Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 33.9 NORTH LONGITUDE 73.5 WEST OR ABOUT 150 MILES SOUTHEAST OF HATTERAS. ESTHER IS MOVING TOWARDS THE NORTHNORTHWEST AT 16 MPH.

HIGHEST WINDS ARE ESTIMATED AT 130 MPH. GALES EXTEND ABOUT 350 MILES FROM THE CENTER IN THE NORTHEAST SEMICIRCLE AND ABOUT 175 MILES TO THE SOUTHWEST OVER WATER BUT A SHORTER DISTANCE INLAND AS THE CENTER MOVES PARALLEL TO THE NORTH CAROLINA AND VIRGINIA COAST.

ESTHER IS FORECAST TO GRADUALLY TURN MORE TO THE NORTH AT A SLIGHTLY FASTER RATE OF FORWARD MOVEMENT DURING THE NEXT 12 TO 18 HOURS WITH NO IMPORTANT CHANGE IN SIZE OR INTENSITY.

ALL INTERESTS ALONG THE ATLANTIC SEABOARD NORTH OF THE HURRICANE SHOULD KEEP POSTED ON THE LATEST ADVISORIES AND BULLETINS. STATEMENTS FROM YOUR LOCAL WEATHER BUREAU WILL CONTAIN FURTHER DETAILS ON LOCAL EFFECTS.

SMALL CRAFT ALONG THE ATLANTIC COAST FROM JACKSONVILLE FLORIDA NORTHWARD SHOULD REMAIN IN PORT DUE TO ROUGH SEAS AND THOSE IN THE AREA OF GALE OR HURRICANE WARNING DISPLAY SHOULD SEEK SAFE HARBOR.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE WASHINGTON WEATHER BUREAU AT 5 AM EST WITH INTERMEDIATE BULLETINS FROM THE MIAMI WEATHER BUREAU AT 1 AM AND 3 AM EST.

MOORE WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 1 AM EST 20 SEPTEMBER 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM CHERRY POINT NORTH CAROLINA TO THE VIRGINIA CAPES AND GALE WARNINGS ELSEWHERE NORTH OF WILMINGTON NORTH CAROLINA TO THE MASSACHUSETTS COAST INCLUDING CHESAPEAKE AND DELAWARE BAYS. A HURRICANE WATCH IS IN EFFECT FROM NORTH OF THE VIRGINIA CAPES TO THE MASSACHUSETTS COAST INCLUDING LONG ISLAND AND RESIDENTS HERE SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS.

AT 1 AM EST HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 34.0 NORTH LONGITUDE 73.5 WEST. THIS POSITION IS BASED ON LAND AND AIRBORNE RADAR AND IS ABOUT 140 MILES SOUTHEAST OF CAPE HATTERAS.

HIGHEST WINDS ARE ESTIMATED NEAR 130 MPH NEAR THE CENTER. GALES ARE IN PROGRESS AT DIAMOND LIGHT SHIP WITH WAVES TO 33 FEET. DIAMOND LIGHT SHIP JUST SOUTHEAST OF CAPE HATTERAS REPORTED A FALLING BAROMETER OF 29.07 INCHES JUST BEFORE MIDNIGHT. TIDES AT ATLANTIC BEACH JUST SOUTHWEST OF HATTERAS ARE 4 FEET ABOVE NORMAL. TIDES MAY RISE AS HIGH AS 8 FEET ABOVE NORMAL IN THE AREA OF HURRICANE WARNINGS DISPLAY.

ESTHER IS FORECAST TO MOVE NORTHNORTHWEST AT ABOUT 16 MPH AND POSSIBLY AT A SLIGHTLY FASTER RATE AS THE CENTER PASSES TO THE EAST OF CAPE HATTERAS EARLY THIS MORNING.

SAFETY PRECAUTIONS SHOULD BE COMPLETED IN THE AREA OF HURRICANE WARNING DISPLAY AND ALL INTERESTS ALONG THE ATLANTIC SEABOARD SHOULD KEEP POSTED ON THE LATEST ADVISORIES AND BULLETINS. STATEMENTS FROM YOUR LOCAL WEATHER BUREAU WILL CONTAIN FURTHER DETAILS ON LOCAL EFFECTS.

ANOTHER BULLETIN WILL BE ISSUED BY THE MIAMI WEATHER BUREAU AT 3 AM EST WITH THE NEXT REGULAR ADVISORY BY THE WASHINGTON WEATHER BUREAU AT 5 AM EST.

SUGG WEATHER BUREAU MIAMI

MIAMI WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 3 AM EST 20 SEPTEMBER 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM CHERRY POINT NORTH CAROLINA TO THE VIRGINIA CAPES AND GALE WARNINGS ELSEWHERE NORTH OF WILMINGTON NORTH CAROLINA TO THE MASSACHUSETTS COAST INCLUDING CHESAPEAKE AND DELAWARE BAYS. A HURRICANE WATCH IS IN EFFECT FROM NORTH OF THE VIRGINIA CAPES TO THE MASSACHUSETTS COAST INCLUDING LONG ISLAND AND RESIDENTS HERE SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS.

AT 3 AM EST HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 34.5 NORTH LONGITUDE 73.5 WEST. THIS POSITION IS BASED ON LAND AND AIRBORNE RADAR AND IS ABOUT 125 MILES EASTSOUTHEAST OF CAPE HATTERAS.

HIGHEST WINDS ARE ESTIMATED 130 MPH. GALES ARE IN PROGRESS WITH SEAS TO 33 FEET AT DIAMOND LIGHT SHIP JUST SOUTHEAST OF CAPE HATTERAS. THE BAROMETER READING AT CAPE HATTERAS AT 1 AM WAS 29.00 INCHES. SOME TIDES OF 4 FEET ABOVE NORMAL HAVE BEEN REPORTED AND MAY RISE AS HIGH AS 8 FEET IN THE AREA OF HURRICANE WARNING DISPLAY. ATLANTIC BEACH NORTH CAROLINA HAS A SEA LEVEL PRESSURE OF 29.68 INCHES WITH WINDS TO 40 MPH AND TIDES RUNNING 6 FEET ABOVE NORMAL.

ESTHER IS FORECAST TO MOVE NORTHNORTHWEST TO NORTH WITH THE CENTER PASSING TO THE EAST OF CAPE HATTERAS EARLY THIS MORNING. SAFETY PRECAUTIONS SHOULD BE COMPLETED IN THE AREA OF HURRICANE WARNING DISPLAY AND ALL INTERESTS ALONG THE ATLANTIC SEABOARD SHOULD KEEP POSTED ON THE LATEST ADVISORIES AND BULLETINS. STATEMENTS FROM YOUR LOCAL WEATHER BUREAU WILL CONTAIN FURTHER DETAILS ON LOCAL EFFECTS.

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

SUGG WEATHER BUREAU MIAMI

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 31 ESTHER 5 AM EST SEPTEMBER 20 1961.

HURRICANE WARNINGS ARE NOW DISPLAYED FROM HATTERAS NORTH CAROLINA TO THE VIRGINIA CAPES. LARGE AND DANGEROUS HURRICANE ESTHER MOVING BETWEEN NORTH AND NORTH NORTHWEST AT ABOUT 12 MPH AND THE CENTER IS FORECAST TO PASS 100 MILES TO THE EAST OF CAPE HATTERAS EARLY THIS MORNING. WINDS NORTH OF CAPE HATTERAS WILL CONTINUE TO INCREASE AS THE HURRICANE MOVES NORTHWARD REACHING GALE TO HURRICANE FORCE OVER THE OUTER BANKS THIS MORNING AND SPREADING TO THE VIRGINIA CAPES BY NIGHT. TIDES WILL RISE 3 TO 6 FEET ABOVE NORMAL. HURRICANE AND GALE WARNINGS ARE BEING LOWERED SOUTH OF HATTERAS HOWEVER ALL INTERESTS IN THE SOUTH PAMLICO SOUND SHOULD CONTINUE PRECAUTIONS AGAINST ABOVE NORMAL TIDES.

A HURRICANE WATCH AND GALE WARNINGS EXTEND NORTH OF THE VIRGINIA CAPES TO THE MASSACHUSETTS COAST INCLUDING THE CHESAPEAKE AND DELAWARE BAYS. RESIDENTS IN THE AREA OF HURRICANE WATCH SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS LATER.

AT 5 AM EST...1000Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 34.7 NORTH LONGITUDE 73.5 WEST OR ABOUT 125 STATUTE MILES EAST SOUTHEAST OF HATTERAS NORTH CAROLINA. ESTHER IS MOVING IN A DIRECTION BETWEEN NORTH AND NORTHNORTHWEST AT ABOUT 12 MPH.

HIGHEST WINDS ARE ESTIMATED AT 130 MPH. GALES EXTEND OUTWARD ABOUT 350 MILES FROM THE CENTER IN THE NORTHEAST SEMICIRCLE AND ABOUT 175 MILES TO THE SOUTHWEST OVER WATER BUT A SHORTER DISTANCE INLAND AS THE CENTER MOVES PARALLEL TO THE NORTH CAROLINA AND VIRGINIA COAST.

LITTLE CHANGE IS FORECAST IN DIRECTION OR IN THE RATE OF MOVEMENT FOR THE NEXT 12 TO 18 HOURS. THE SIZE AND INTENSITY WILL REMAIN ABOUT THE SAME.

ALL INTERESTS ALONG THE ATLANTIC COAST NORTH OF THE HURRICANE SHOULD KEEP POSTED ON THE LATEST ADVISORIES AND BULLETINS. STATEMENTS FROM YOUR LOCAL WEATHER BUREAU WILL PROVIDE MORE DETAILS ON LOCAL WEATHER.

HEAVY RAIN LIKELY TO EXTEND ABOUT 60 MILES INLAND AND OCCUR UP TO ABOUT 200 TO 300 MILES NORTH OF THE HURRICANE.

SMALL CRAFT ALONG THE ATLANTIC COAST SHOULD REMAIN IN PORT FROM JACKSONVILLE FLORIDA NORTHWARD DUE TO ROUGH SEAS AND THOSE IN THE AREA OF HURRICANE AND GALE WARNINGS SHOULD SEEK SAFE HARBOR.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE WASHINGTON WEATHER BUREAU AT 11 AM EST WITH INTERMEDIATE BULLETINS AT 7 AM AND 9 AM.

E. HOOVER WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 7 AM EST 20 SEPTEMBER 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM HATTERAS NORTH CAROLINA TO THE VIRGINIA CAPES AND GALE WARNINGS NORTH OF THE VIRGINIA CAPES TO THE MASSACHUSETTS COAST INCLUDING THE CHESAPEAKE AND DELAWARE BAYS. A HURRICANE WATCH IS IN EFFECT FROM THE VIRGINIA CAPES TO THE MASSACHUSETTS COAST INCLUDING LONG ISLAND AND RESIDENTS HERE SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS.

AT 7 AM EST HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 35.1 NORTH LONGITUDE 73.4 WEST. THIS POSITION IS BASED ON LAND RADAR AND AIRCRAFT REPORTS AND IS ABOUT 120 MILES EAST OF CAPE HATTERAS.

HIGHEST WINDS ARE ESTIMATED AT 130 MPH. GALE WINDS ARE IN PROGRESS ON THE OUTER BANKS OF NORTH CAROLINA WITH HATTERAS REPORTING GUSTS TO 41 MPH AND BAROMETER OF 29.48 INCHES.

TIDES REACHED 4 TO 6 FEET ABOVE NORMAL AT ATLANTIC BEACH NORTH CAROLINA EARLY THIS MORNING. TIDES ALONG THE ATLANTIC COAST NORTH OF HATTERAS WILL CONTINUE TO RISE AS THE HURRICANE APPROACHES AND WILL RANGE FROM 3 TO 6 FEET ABOVE NORMAL OVER THE AREA OF HURRICANE WARNINGS TODAY. FROM THE VIRGINIA CAPES NORTHWARD TO LONG ISLAND TIDES ARE NOW 1 TO 3 FEET ABOVE NORMAL AND WILL CONTINUE TO INCREASE WITH RESPECT TO THE NORMAL TODAY AND TONIGHT. INSIDE THE OUTER BANKS AND IN THE NORFOLK AREA THE TIDES WILL REACH A MAXIMUM WITH RESPECT TO THE NORMAL AFTER THE HURRICANE CENTER HAS MOVED A SHORT DISTANCE TO THE NORTH.

ESTHER IS FORECAST TO CONTINUE IN A NORTHERLY DIRECTION AT ABOUT 12 MPH. THE SIZE AND INTENSITY WILL REMAIN ABOUT THE SAME FOR THE NEXT 12 TO 18 HOURS.

HEAVY RAIN IS EXPECTED TO EXTEND ABOUT 60 MILES INLAND AND OCCUR TO ABOUT 300 MILES NORTH OF THE HURRICANE.

SAFETY PRECAUTIONS SHOULD BE COMPLETED IN THE AREA OF HURRICANE WARNING DISPLAY AND ALL INTEREST ALONG THE ATLANTIC SEABOARD SHOULD KEEP POSTED ON THE LATEST ADVISORIES AND BULLETINS. STATEMENTS FROM YOUR LOCAL WEATHER BUREAU WILL PROVIDE MORE DETAILS ON LOCAL EFFECTS.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY WASHINGTON AT 11 AM EST WITH AN INTERMEDIATE BULLETIN AT 9 AM EST.

E. HOOVER WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 9 AM EST SEPTEMBER 20 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM HATTERAS NORTH CAROLINA TO THE VIRGINIA CAPES AND GALE WARNINGS AND A HURRICANE WATCH FROM NORTH OF THE VIRGINIA CAPES TO THE MASSACHUSETTS COAST INCLUDING LONG ISLAND. RESIDENTS IN THE HURRICANE WATCH AREA SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS LATER TODAY.

AT 9 AM EST HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 35.6 NORTH LONGITUDE 73.1 WEST. THIS POSITION IS BASED ON RADAR REPORTS AND IS ABOUT 140 MILES EAST NORTHEAST OF CAPE HATTERAS.

HIGHEST WINDS ARE ESTIMATED AT 130 MPH. GALE WINDS ARE IN PROGRESS ON THE OUTER BANKS OF NORTH CAROLINA WITH GUSTS BEING REPORTED UP TO 55 MPH. TIDES REACHED 4 TO 6 FEET ABOVE NORMAL AT ATLANTIC BEACH NORTH CAROLINA EARLY TODAY. TIDES ALONG THE COAST FROM HATTERAS TO THE VIRGINIA CAPES WILL RANGE FROM 3 TO 6 FEET ABOVE NORMAL TODAY. NORTH OF THE VIRGINIA CAPES TO LONG ISLAND TIDES WILL RANGE FROM 2 TO 4 FEET ABOVE NORMAL TODAY AND TONIGHT.

ESTHER IS FORECAST TO CONTINUE IN A NORTHERLY DIRECTION ABOUT 14 MPH DURING THE NEXT 12 TO 18 HOURS. THE SIZE AND INTENSITY WILL REMAIN ABOUT THE SAME.

HEAVY RAIN IS EXPECTED TO REACH ABOUT 60 MILES INLAND AND EXTEND TO ABOUT 300 MILES NORTH OF THE HURRICANE.

ALL INTERESTS ALONG THE ATLANTIC SEABOARD FROM VIRGINIA NORTHWARD SHOULD KEEP POSTED ON LATEST ADVISORIES AND BULLETINS. STATEMENTS FROM YOUR LOCAL WEATHER BUREAU WILL PROVIDE MORE COMPLETE DETAILS ON LOCAL EFFECTS.

IT IS EXPECTED THAT HURRICANE WARNINGS WILL BE LOWERED FROM HATTERAS TO THE VIRGINIA CAPES AFTER A FEW MORE HOURS.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY WASHINGTON AT 11 AM EST.

SCHMIDT WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 32 ESTHER 11 AM EST SEPTEMBER 20 1961.

HOIST HURRICANE WARNINGS FROM EASTERN LONG ISLAND TO PROVINCETOWN MASS. HURRICANE ESTHER IS NOW MOVING ON A COURSE BETWEEN NORTH AND NORTHNORTHEAST AND THIS WILL BRING THE STORM CLOSE TO SOUTHEASTERN NEW ENGLAND THURSDAY FORENOON. WINDS WILL INCREASE TO GALE FORCE TONIGHT AND HURRICANE FORCE WINDS ARE LIKELY BY THURSDAY MORNING IN THE DISPLAY AREA WITH TIDES REACHING 3 TO 6 FEET ABOVE NORMAL THURSDAY MORNING.

GALE WARNINGS AND A HURRICANE WATCH CONTINUE IN EFFECT FROM NORTH OF THE VIRGINIA CAPES TO WESTERN LONG ISLAND AND ALSO FOR THE PORTION OF MASSACHUSETTS NOT COVERED BY HURRICANE WARNINGS. GALE WARNINGS ARE ORDERED FOR 11 AM FROM NORTH OF MASSACHUSETTS TO EASTPORT MAINE. RESIDENTS IN THE HURRICANE WATCH AREA SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS LATER TODAY.

LOWER HURRICANE WARNINGS FROM CAPE HATTERAS TO THE VIRGINIA CAPES 11 AM EST.

AT 11 AM EST...1600Z...HURRICANE ESTHER WAS LOCATED BY LAND BASED RADAR AND RECONNAISSANCE AIRCRAFT NEAR LATITUDE 36.0 NORTH LONGITUDE 73.0 WEST OR ABOUT 190 STATUTE MILES EAST SOUTHEAST OF NORFOLK VIRGINIA. ESTHER IS MOVING IN A DIRECTION BETWEEN NORTH AND NORTHEAST ABOUT 14 MPH.

HIGHEST WINDS ARE ESTIMATED TO BE ABOUT 130 MPH NEAR THE CENTER. GALES EXTEND OUTWARD ABOUT 350 MILES IN THE EASTERN SEMICIRCLE AND ABOUT 200 MILES TO THE WEST.

HURRICANE ESTHER IS EXPECTED TO CONTINUE MOVING TOWARDS THE NORTH NORTHEAST ABOUT 14 MPH DURING THE NEXT 12 TO 18 HOURS. THIS TRACK LESSENS CONSIDERABLY THE DANGER TO COASTAL SECTIONS FROM CENTRAL NEW JERSEY SOUTHWARD TO THE MARYLAND COAST BUT INTERESTS IN THESE SECTIONS SHOULD CONTINUE TO CHECK LATER ADVISORIES UNTIL THIS EVENING.

HEAVY RAIN IS EXPECTED TO EXTEND ABOUT 250 MILES TO THE NORTH AND ABOUT 150 MILES TO THE WEST OF THE HURRICANE.

SMALL CRAFT ALONG THE ATLANTIC COAST FROM VIRGINIA CAPES SOUTHWARD SHOULD REMAIN IN PORT UNTIL WIND AND SEAS SUBSIDE AND THOSE IN THE AREA OF HURRICANE AND GALE WARNINGS SHOULD SEEK SAFE HARBOR.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE WASHINGTON WEATHER BUREAU AT 5 PM EST WITH INTERMEDIATE BULLETINS AT 1 PM AND 3 PM.

SCHMIDT WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 1 PM EST SEPTEMBER 20 1961

HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND TO PROVINCETOWN MASS FOR WINDS INCREASING TO GALE FORCE TONIGHT AND HURRICANE FORCE BY THURSDAY MORNING. TIDES IN THE AREA OF DISPLAY WILL INCREASE TONIGHT REACHING 3 TO 6 FEET ABOVE NORMAL BY THURSDAY MORNING AND UP TO 8 FEET ABOVE NORMAL IN THE CAPE COD AND BUZZARDS BAY AREA. GALE WARNINGS ARE DISPLAYED OVER THE REMAINDER OF THE COASTAL AREA FROM EASTPORT MAINE TO THE VIRGINIA CAPES.

A HURRICANE WATCH REMAINS IN EFFECT FROM WESTERN LONG ISLAND SOUTHWARD ALONG THE COAST TO THE VIRGINIA CAPES AND ALSO OVER THE PORTION OF COASTAL MASSACHUSETTS NOT INCLUDED IN THE HURRICANE WARNINGS. RESIDENTS IN THE HURRICANE WATCH AREA SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS LATER TODAY.

AT 1 PM EST HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 36.3 NORTH LONGITUDE 72.8 WEST OR ABOUT 195 STATUTE MILES EAST SOUTHEAST OF NORFOLK VA.

HIGHEST WINDS ARE ESTIMATED TO BE ABOUT 130 MPH OVER A SMALL AREA NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 350 MILES IN THE EASTERN SEMICIRCLE AND ABOUT 200 MILES TO THE WEST.

HURRICANE ESTHER IS EXPECTED TO CONTINUE MOVING ON A COURSE BETWEEN NORTH AND NORTH NORTHEAST DURING THE NEXT 12 TO 18 HOURS WITH A FORWARD SPEED OF ABOUT 14 MILES PER HOUR. THIS MOVEMENT WILL BRING THE CENTER CLOSE TO SOUTHEASTERN NEW ENGLAND BY THURSDAY NOON. THIS LESSENS THE DANGER TO COASTAL SECTIONS FROM NEW JERSEY SOUTHWARD TO MARYLAND BUT INTERESTS IN THESE SECTIONS SHOULD CONTINUE TO CHECK LATER ADVISORIES UNTIL THE HURRICANE WATCH IS DISCONTINUED. THE SIZE AND INTENSITY ARE EXPECTED TO REMAIN ABOUT THE SAME THIS AFTERNOON AND TONIGHT.

SOME SECTIONS ALONG THE COAST OF SOUTHERN NEW JERSEY ARE REPORTING GALES OF ABOUT 40 MPH BUT WINDS FROM SOUTHERN NEW JERSEY TO COASTAL MARYLAND ARE NOT LIKELY TO EXCEED 50 MPH IF THE FORECAST TRACK OF THE STORM IS MAINTAINED. WINDS IN THE CAPE HATTERAS AREA HAVE DIMINISHED TO ABOUT 25 MPH.

HEAVY RAIN IS EXPECTED TO EXTEND ABOUT 250 MILES TO THE NORTH AND ABOUT 150 MILES TO THE WEST OF THE HURRICANE.

SMALL CRAFT ALONG THE COAST FROM VIRGINIA CAPES SOUTHWARD SHOULD REMAIN IN PORT UNTIL WIND AND SEAS SUBSIDE AND THOSE IN THE AREA OF HURRICANE AND GALE WARNINGS SHOULD SEEK SAFE HARBOR.

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

SCHMIDT WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 3 PM EST SEPT 20 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND TO PROVINCETOWN MASS FOR WINDS INCREASING TO GALE FORCE TONIGHT AND HURRICANE FORCE BY THURSDAY MORNING. TIDES IN THE AREA OF DISPLAY WILL INCREASE TONIGHT REACHING 3 TO 6 FEET ABOVE NORMAL BY THURSDAY MORNING AND UP TO 8 FEET ABOVE NORMAL IN THE CAPE COD AND BUZZARDS BAY AREA. GALE WARNINGS REMAIN DISPLAYED OVER THE REMAINDER OF THE COASTAL AREA FROM EASTPORT MAINE TO THE VIRGINIA CAPES.

A HURRICANE WATCH REMAINS IN EFFECT FROM WESTERN LONG ISLAND SOUTHWARD TO THE VIRGINIA CAPES AND OVER THE PORTION OF THE COAST OF MASSACHUSETTS NOT INCLUDED IN THE HURRICANE WARNINGS. RESIDENTS IN THE HURRICANE WATCH AREA SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS LATER THIS AFTERNOON OR EVENING.

AT 3 PM HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 36.7 NORTH LONGITUDE 72.7 WEST OR ABOUT 200 STATUTE MILES EAST OF NORFOLK VA.

HIGHEST WINDS ARE ESTIMATED TO BE ABOUT 130 MPH OVER A SMALL AREA NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 350 MILES IN THE EASTERN SEMICIRCLE AND ABOUT 200 MILES TO THE WEST.

HURRICANE ESTHER IS FORECAST TO CONTINUE MOVING ON A COURSE BETWEEN NORTH AND NORTH NORTHEAST DURING THE NEXT 12 TO 18 HOURS WITH A FORWARD SPEED OF ABOUT 14 MILES PER HOUR. THIS MOVEMENT WILL BRING THE CENTER CLOSE TO THE SOUTHEASTERN NEW ENGLAND COAST BY THURSDAY NOON. THIS LESSENS THE DANGER TO COASTAL SECTIONS FROM NEW JERSEY SOUTHWARD TO MARYLAND BUT INTERESTS IN THESE SECTIONS SHOULD CONTINUE TO CHECK LATER ADVISORIES UNTIL THE HURRICANE WATCH IS DISCONTINUED. THE SIZE AND INTENSITY ARE EXPECTED TO REMAIN ABOUT THE SAME THIS AFTERNOON AND TONIGHT.

SOME SECTIONS ALONG THE COAST OF DELAWARE AND NEW JERSEY ARE REPORTING WINDS OF 45 MPH AND EXPOSED AREAS ON EASTERN LONG ISLAND HAVE REPORTED WINDS OF 35 MPH.

HEAVY RAIN IS EXPECTED TO EXTEND ABOUT 250 MILES TO THE NORTH AND ABOUT 150 MILES TO THE WEST OF THE HURRICANE.

SMALL CRAFT ALONG THE COAST FROM VIRGINIA CAPES SOUTHWARD SHOULD REMAIN IN PORT UNTIL WIND AND SEAS SUBSIDE AND THOSE IN THE AREA OF HURRICANE AND GALE WARNINGS SHOULD SEEK SAFE HARBOR.

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

M. HUNTER WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 33 ESTHER 5 PM EST SEPT 20 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND TO PROVINCETOWN MASS FOR WINDS INCREASING TO GALE FORCE TONIGHT AND HURRICANE FORCE BY THURSDAY MORNING. TIDES IN THE AREA OF DISPLAY WILL INCREASE TONIGHT REACHING 3 TO 6 FEET ABOVE NORMAL BY THURSDAY MORNING AND AS HIGH AS 8 FEET ABOVE NORMAL ON SOUTHEASTERN CAPE COD. GALE WARNINGS REMAIN DISPLAYED OVER THE REMAINDER OF COASTAL AREA FROM NORTH OF THE VIRGINIA CAPES TO EASTPORT MAINE.

A HURRICANE WATCH REMAINS IN EFFECT FROM WESTERN LONG ISLAND SOUTHWARD TO CAPE MAY NEW JERSEY AND OVER THE PORTION OF THE COAST OF MASSACHUSETTS NOT COVERED BY THE HURRICANE WARNINGS. RESIDENTS IN THE HURRICANE WATCH AREA SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO EXTEND THE HURRICANE WARNINGS LATER THIS EVENING. THE HURRICANE WATCH IS DISCONTINUED FROM CAPE MAY NEW JERSEY SOUTHWARD.

AT 5 PM EST...2200Z...HURRICANE ESTHER WAS LOCATED BY RECONNAISSANCE AIRCRAFT AND LAND BASED RADAR NEAR LATITUDE 37.4 NORTH LONGITUDE 72.6 WEST OR ABOUT 165 STATUTE MILES SOUTHEAST OF CAPE MAY NEW JERSEY. ESTHER IS MOVING TOWARDS THE NORTH NORTHEAST ABOUT 15 MPH.

HIGHEST WINDS ARE ESTIMATED AT 115 MPH OVER A SMALL AREA NEAR THE CENTER. GALES STILL EXTEND OUTWARD ABOUT 350 MILES IN THE EASTERN SEMICIRCLE AND ABOUT 200 MILES TO THE WEST.

HURRICANE ESTHER IS FORECAST TO CONTINUE MOVING TOWARDS THE NORTH NORTHEAST ABOUT 15 MPH DURING THE NEXT 12 TO 18 HOURS AND THEN TURN GRADUALLY MORE TOWARDS THE NORTHEAST WITH A LITTLE INCREASE IN FORWARD SPEED. THIS COURSE AND SPEED WOULD BRING THE HURRICANE CLOSE TO THE SOUTH OF CAPE COD THURSDAY NOON.

THE SIZE AND INTENSITY OF HURRICANE ESTHER ARE EXPECTED TO REMAIN ABOUT THE SAME DURING THE NEXT 12 HOURS.

HEAVY RAIN IS EXPECTED TO REACH ABOUT 250 MILES TO THE NORTH AND ABOUT 150 MILES TO THE WEST OF THE HURRICANE.

ALTHOUGH THE DANGER HAS LESSENER FOR THE NEW JERSEY COAST RESIDENTS IN THAT AREA SHOULD CONTINUE TO CHECK ADVISORIES AND BULLETINS UNTILL THE HURRICANE WATCH IS DISCONTINUED.

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

SCHMIDT WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 7 PM EST SEPTEMBER 20 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND TO PROVINCETOWN MASS FOR WINDS INCREASING TO GALE FORCE TONIGHT AND HURRICANE FORCE BY THURSDAY MORNING. TIDES IN THE AREA OF DISPLAY WILL INCREASE TONIGHT REACHING 3 TO 6 FEET ABOVE NORMAL BY THURSDAY MORNING AND AS HIGH AS 8 FEET ABOVE NORMAL ON SOUTHEASTERN CAPE COD. GALE WARNINGS REMAIN DISPLAYED OVER THE REMAINDER OF COASTAL AREA FROM NORTH OF THE VIRGINIA CAPES TO EASTPORT MAINE.

A HURRICANE WATCH REMAINS IN EFFECT FROM WESTERN LONG ISLAND SOUTHWARD TO CAPE MAY NEW JERSEY AND OVER PORTIONS OF THE COAST OF MASSACHUSETTS NOT COVERED BY THE HURRICANE WARNINGS. RESIDENTS IN THE HURRICANE WATCH AREA SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO EXTEND THE HURRICANE WARNINGS LATER THIS EVENING.

AT 7 PM EST HURRICANE ESTHER WAS LOCATED BY RECONNAISSANCE AIRCRAFT AND LAND BASED RADAR NEAR LATITUDE 37.8 NORTH AND LONGITUDE 72.4 WEST OR ABOUT 155 STATUTE MILES SOUTHEAST OF CAPE MAY NEW JERSEY. ESTHER IS CONTINUING ITS STEADY MOVEMENT TOWARD THE NORTH NORTHEAST AT ABOUT 15 MPH.

HIGHEST WINDS ARE STILL AROUND 115 MPH OVER A SMALL AREA NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 350 MILES OVER THE EASTERN SEMICIRCLE AND FOR ABOUT 200 MILES TOWARD THE WEST.

THE FORECAST IS FOR CONTINUED MOVEMENT TOWARD THE NORTHNORTHEAST AT ABOUT 15 MPH DURING THE NEXT 12 TO 18 HOURS AND THEN A GRADUAL TURN MORE TOWARDS THE NORTHEAST WITH SOME INCREASE IN FORWARD SPEED. THIS COURSE AND SPEED WILL BRING THE HURRICANE CLOSE TO THE SOUTH OF CAPE COD THURSDAY NOON.

HEAVY RAINS ARE EXPECTED WITHIN 250 MILES TO THE NORTH AND ABOUT 150 MILES TO THE WEST OF THE CENTER.

ALTHOUGH DANGER CONTINUES TO LESSEN FOR THE NEW JERSEY COASTAL AREA RESIDENTS THERE SHOULD CONTINUE TO CHECK ADVISORIES AND BULLETINS UNTILL THE HURRICANE WATCH IS LIFTED.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE WEATHER BUREAU WASHINGTON AT 11 PM EST AND AN INTERMEDIATE BULLETIN WILL BE ISSUED AT 9 PM EST.

NORQUEST WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 9 PM EST SEPTEMBER 20 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND TO PROVINCETOWN MASS FOR WINDS INCREASING TO GALE FORCE TONIGHT AND HURRICANE FORCE BY THURSDAY MORNING. TIDES IN THIS AREA OF DISPLAY WILL INCREASE TONIGHT REACHING 3 TO 6 FEET ABOVE NORMAL BY THURSDAY MORNING AND AS HIGH AS 8 FEET ABOVE NORMAL ON SOUTHEASTERN CAPE COD. GALE WARNINGS REMAIN DISPLAYED OVER THE REMAINDER OF COASTAL AREA FROM NORTH OF THE VIRGINIA CAPES TO EASTPORT MAINE.

A HURRICANE WATCH REMAINS IN EFFECT FROM WESTERN LONG ISLAND SOUTHWARD TO CAPE MAY NEW JERSEY AND OVER PORTIONS OF THE COAST OF MASSACHUSETTS NOT COVERED BY THE HURRICANE WARNINGS. RESIDENTS IN THE HURRICANE WATCH AREA SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO EXTEND THE HURRICANE WARNINGS LATER THIS EVENING.

AT 9 PM EST HURRICANE ESTHER WAS LOCATED BY RECONNAISSANCE AIRCRAFT AND LAND BASED RADAR NEAR LATITUDE 38.3 NORTH AND LONGITUDE 72.2 WEST OR ABOUT 185 STATUTE MILES SOUTH OF THE EASTERN TIP OF LONG ISLAND. ESTHER CONTINUES TO MOVE STEADILY TOWARD THE NORTHEAST AT 15 MPH.

HIGHEST WINDS ARE AROUND 115 MPH OVER A SMALL AREA NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 350 MILES OVER THE EASTERN SEMICIRCLE AND FOR ABOUT 200 MILES TOWARD THE WEST.

WINDS ALONG THE NEW JERSEY AND DELAWARE COAST WERE FROM THE NORTHEAST AND RANGED UP TO 45 TO 50 MPH. HIGHEST TIDES RANGED FROM SLIGHTLY OVER 2 FEET ABOVE NORMAL AT ATLANTIC CITY UP TO 6 TO 7 FEET ABOVE NORMAL AT OCEAN CITY MARYLAND.

CONTINUED MOVEMENT TOWARD THE NORTHEAST AT AROUND 15 MPH WITH A SLIGHT TURN MORE TOWARD THE NORTHEAST AND SOME SLIGHT INCREASE IN FORWARD SPEED TOWARD MORNING WILL BRING THE CENTER CLOSE TO THE SOUTH OF CAPE COD THURSDAY NOON.

DANGER FOR THE NEW JERSEY COAST CONTINUES TO LESSEN BUT RESIDENTS THERE SHOULD CONTINUE TO CHECK ADVISORIES AND BULLETINS UNTIL THE HURRICANE WATCH IS LIFTED.

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

NORQUEST WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 34 ESTHER 11 PM EST SEPTEMBER 20 1961.

A HURRICANE WATCH HAS BEEN EXTENDED TO COVER THE NEW HAMPSHIRE AND MAINE COASTAL AREAS AND THE HURRICANE WATCH HAS BEEN LIFTED OVER SOUTHERN NEW JERSEY.

HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND TO PROVINCETOWN MASS FOR WINDS INCREASING TO GALE FORCE DURING THE NIGHT AND HURRICANE FORCE BY THURSDAY MORNING. TIDES IN THE AREA OF DISPLAY WILL INCREASE REACHING 3 TO 6 FEET ABOVE NORMAL BY THURSDAY MORNING AND AS HIGH AS 8 FEET ABOVE NORMAL ON SOUTHEASTERN CAPE COD.

GALE WARNINGS ON DELAWARE BAY AND FROM CAPE MAY SOUTHWARD TO THE VIRGINIA CAPES HAVE BEEN LOWERED BUT SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR UNTIL THE ROUGH SEAS SUBSIDE.

A HURRICANE WATCH REMAINS IN EFFECT OVER CONNECTICUT WESTERN LONG ISLAND AND NORTHERN NEW JERSEY. RESIDENTS IN THIS AREA SHOULD CONTINUE TO CHECK LATER ADVISORIES AND BULLETINS UNTIL THE WATCH IS LIFTED.

AT 11 PM EST...0400Z...HURRICANE ESTHER WAS LOCATED BY RECONNAISSANCE AIRCRAFT AND LAND BASED RADAR NEAR LATITUDE 38.8 NORTH LONGITUDE 72.0 WEST OR ABOUT 150 STATUTE MILES SOUTH OF THE EASTERN TIP OF LONG ISLAND. ESTHER IS MOVING TOWARD THE NORTH NORTHEAST ABOUT 15 MPH.

HIGHEST WINDS ARE ESTIMATED AT 115 MPH OVER A SMALL AREA AROUND THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD 100 MILES TO THE EAST AND ABOUT 75 MILES TO THE WEST. GALE FORCE WINDS EXTEND OUTWARD ABOUT 350 MILES IN THE EASTERN SEMICIRCLE AND ABOUT 200 MILES TO THE WEST.

ESTHER IS FORECAST TO CONTINUE MOVING TOWARD THE NORTH NORTHEAST AT ABOUT 16 OR 17 MPH DURING THE NEXT 12 TO 18 HOURS THEN TURN A LITTLE MORE TOWARD THE NORTHEAST WITH SOME INCREASE IN FORWARD SPEED. THIS COURSE AND SPEED WILL BRING THE CENTER OVER MARTHAS VINEYARD AND SOUTHEASTERN MASSACHUSETTS AROUND NOON THURSDAY.

THE SIZE AND INTENSITY OF HURRICANE ESTHER ARE EXPECTED TO REMAIN ABOUT THE SAME FOR THE NEXT 18 TO 24 HOURS.

HEAVY RAINS SHOULD EXTEND ABOUT 250 MILES TO THE NORTH AND 150 MILES TO THE WEST OF THE CENTER. WATCH FOR LATER BULLETINS ON FLOODING DUE TO THESE RAINS OVER NEW ENGLAND. RESIDENTS ON THE COAST SEEK HIGHER GROUND INLAND WHERE TIDAL FLOODING WILL PREVENT ESCAPE LATER.

WINDS HAVE NOW REACHED 70 MPH AT MONTAUK POINT AND FIRE ISLAND REPORTS EAST NORTHEAST 60 MPH WITH WINDS INCREASING.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE WEATHER BUREAU BOSTON AT 5 AM EST AND INTERMEDIATE BULLETINS AT 1 AM AND 3 AM EST WILL BE ISSUED FROM WASHINGTON.

NORQUEST WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 1 AM EST SEPTEMBER 21 1961.

HURRICANE WARNINGS HAVE BEEN EXTENDED AT 1 AM EST NORTHWARD FROM PROVINCETOWN TO EASTPORT MAINE AND THE AREA OF HURRICANE WARNING DISPLAY NOW EXTENDS FROM EASTERN LONG ISLAND NORTHWARD TO EASTPORT MAINE. TIDES IN THE AREA OF HURRICANE WARNING DISPLAY WILL INCREASE REACHING 3 TO 6 FEET ABOVE NORMAL BY THURSDAY MORNING FROM EASTERN LONG ISLAND TO CAPE COD AND 2 TO 4 FEET ABOVE NORMAL ALONG THE MASSACHUSETTS COAST NORTH OF PROVINCETOWN THROUGH EASTPORT MAINE AND 7 FEET ABOVE NORMAL IN SOUTHEASTERN CAPE COD.

A HURRICANE WATCH REMAINS IN EFFECT OVER CONNECTICUT WESTERN LONG ISLAND AND NORTHERN NEW JERSEY. RESIDENTS IN THIS AREA SHOULD CONTINUE TO CHECK LATER ADVISORIES AND BULLETINS UNTIL THE WATCH IS LIFTED.

GALE WARNINGS REMAIN IN EFFECT FROM WESTERN LONG ISLAND TO CAPE MAY NEW JERSEY.

AT 1 AM EST...0600Z...HURRICANE ESTHER WAS LOCATED BY LAND BASED RADAR NEAR LATITUDE 39.3 NORTH LONGITUDE 71.8 WEST OR ABOUT 110 STATUTE MILES SOUTH OF THE EASTERN TIP OF LONG ISLAND. ESTHER CONTINUES TO MOVE TOWARD THE NORTH NORTHEAST ABOUT 15 MILES PER HOUR.

HIGHEST WINDS ARE ESTIMATED AT 115 MPH OVER A SMALL AREA AROUND THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD 100 MILES TO THE EAST TO ABOUT 75 MILES TO THE WEST. GALE FORCE WINDS EXTEND OUTWARD ABOUT 350 MILES IN THE EASTERN SEMICIRCLE AND ABOUT 200 MILES TO THE WEST. WIND GUSTS OF 75 MPH HAVE REACHED BLOCK ISLAND RHODE ISLAND. ESTHER IS FORECAST TO CONTINUE MOVING TOWARD THE NORTH NORTHEAST AT ABOUT 16 OR 17 MPH DURING THE NEXT 12 TO 18 HOURS BRINGING THE CENTER TO SOUTHERN CAPE COD AT ABOUT 11 AM EST THURSDAY.

THE SIZE AND INTENSITY OF HURRICANE ESTHER ARE EXPECTED TO REMAIN ABOUT THE SAME FOR THE NEXT 18 TO 24 HOURS.

HEAVY RAINS SHOULD EXTEND ABOUT 250 MILES TO THE NORTH AND 150 MILES TO THE WEST OF THE CENTER. WATCH FOR LATER BULLETINS ON FLOODING DUE TO THESE RAINS OVER NEW ENGLAND. RESIDENTS OF COAST SHOULD SEEK HIGHER GROUND IMMEDIATELY WHERE TIDAL FLOODING WILL PREVENT ESCAPE LATER.

THE NEXT BULLETIN WILL BE ISSUED FROM WASHINGTON AT 3 AM EST AND THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE BOSTON WEATHER BUREAU AT 5 AM.

MOOK WEATHER BUREAU WASHINGTON

WASHINGTON WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 3 AM EST SEPTEMBER 21 1961.

HURRICANE ESTHER WAS LOCATED APPROXIMATELY BY LAND BASED RADAR AT 3 AM EST AT LATITUDE 39.8 NORTH LONGITUDE 71.6 WEST OR ABOUT 90 MILES SOUTH OF BLOCK ISLAND RHODE ISLAND. THE HURRICANE HAS APPARENTLY ACCELERATED IN FORWARD SPEED AND IS MOVING TOWARD THE NORTH NORTHEAST AT ABOUT 18 MILES PER HOUR. AT THIS RATE OF SPEED THE CENTER OF THE HURRICANE SHOULD REACH THE SOUTHERN COAST OF MASSACHUSETTS AT 9 AM EST THIS MORNING. HIGHEST TIDES WILL REACH 8 OR MORE FEET ABOVE NORMAL ALONG THE SOUTHERN COAST OF CAPE COD JUST TO THE EAST OF THE POINT WHERE THE HURRICANE CROSSES THE COASTLINE. ALL INTERESTS SHOULD TAKE IMMEDIATE PRECAUTIONS AGAINST ANY SUDDEN RISE IN THE TIDE WHICH MAY OCCUR EAST OF THE HURRICANE CENTER AS IT CROSSES THE COAST LINE. HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND TO EASTPORT MAINE. CONTINUE HURRICANE WATCH WESTERN LONG ISLAND AND CONNECTICUT THROUGH NORTHERN NEW JERSEY.

WINDS AND TIDES WILL BE INCREASING TODAY THROUGHOUT THE AREA OF HURRICANE DISPLAY. TIDES ARE RUNNING FIVE TO SIX FEET ABOVE NORMAL AT MONTAUK POINT LONG ISLAND. WINDS HAVE INCREASED TO HURRICANE FORCE ALONG THE SOUTHERN COAST OF LONG ISLAND FROM MONTAUK POINT TO FIRE ISLAND WHERE GUSTS ARE REPORTED AS HIGH AS 90 MILES PER HOUR.

THE SIZE AND INTENSITY OF HURRICANE ESTHER ARE EXPECTED TO REMAIN THE SAME FOR THE NEXT 12 TO 18 HOURS.

HEAVY RAINS SHOULD EXTEND OVER MOST OF NEW ENGLAND TODAY AND ALL PERSONS ARE ADVISED TO WATCH FOR POSSIBLE LATER FLOOD BULLETINS FROM THE WEATHER BUREAU.

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

MOOK WEATHER BUREAU WASHINGTON

BOSTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 35 ESTHER 5 AM EST SEPTEMBER 21 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND NORTHWARD TO EASTPORT MAINE. THE HURRICANE WATCH HAS BEEN ENDED OVER NORTHERN NEW JERSEY BUT REMAINS IN EFFECT OVER CONNECTICUT AND WESTERN LONG ISLAND. GALE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND SOUTHWARD TO CAPE MAY NEW JERSEY. SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR UNTIL THE ROUGH SEAS SUBSIDE.

WINDS HAVE INCREASED TO HURRICANE FORCE FROM EASTERN LONG ISLAND NORTHWARD TO BLOCK ISLAND AND HURRICANE FORCE WINDS WILL MOVE NORTHWARD THIS MORNING. TIDES ARE RUNNING 6 FEET ABOVE NORMAL AT MONTAUK POINT LONG ISLAND. THEY ARE EXPECTED TO INCREASE TO 6 TO 8 FEET ABOVE NORMAL IN NARRAGANSETT BAY AND 10 TO 12 FEET AT BUZZARDS BAY AND SOUTHERN CAPE COD. FROM CHATHAM NORTHWARD TO EASTPORT MAINE TIDES WILL RUN UP TO 4 FEET ABOVE NORMAL. THESE TIDES WILL BE ACCOMPANIED BY ROUGH SEAS.

AT 5 AM EST...1000Z...HURRICANE ESTHER WAS LOCATED BY LAND BASED RADAR NEAR LATITUDE 40.3 NORTH LONGITUDE 71.5 WEST OR ABOUT 65 STATUTE MILES SOUTH OF BLOCK ISLAND RHODE ISLAND. ESTHER IS MOVING TOWARDS THE NORTH NORTHEAST ABOUT 17 MPH.

HURRICANE ESTHER IS FORECAST TO CONTINUE MOVING TOWARDS THE NORTH NORTHEAST WITH A SLIGHT INCREASE IN SPEED DURING THE NEXT 12 TO 24 HOURS AND THEN TURN A LITTLE MORE TOWARDS THE NORTHEAST.

HIGHEST WINDS ARE ESTIMATED AT 115 MPH OVER A SMALL AREA AROUND THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD 100 MILES TO THE EAST AND ABOUT 75 MILES TO THE WEST. GALE FORCE WINDS EXTEND OUTWARD ABOUT 350 MILES IN THE EASTERN SEMICIRCLE AND ABOUT 200 MILES TO THE WEST. NO APPRECIABLE CHANGES IN THESE WIND SPEEDS ARE ANTICIPATED DURING THE NEXT 6 TO 12 HOURS. THE SIZE OF HURRICANE ESTHER IS EXPECTED TO REMAIN ABOUT THE SAME FOR THE NEXT 12 HOURS. HEAVY RAINS SHOULD EXTEND ABOUT 250 MILES TO THE NORTH AND 150 TO THE WEST OF THE CENTER. LOCAL FLOODING MAY RESULT FROM THESE RAINS OVER NEW ENGLAND. RESIDENTS ON THE COAST SHOULD IMMEDIATELY SEEK HIGHER GROUND INLAND WHERE TIDAL FLOODING WILL PREVENT ESCAPE LATER.

WINDS HAVE INCREASED TO HURRICANE FORCE ALONG THE SOUTHERN COAST OF LONG ISLAND NORTHWARD TO THE RHODE ISLAND COAST. GUSTS AS HIGH AS 90 MPH WERE REPORTED FROM MONTAUK POINT TO FIRE ISLAND LONG ISLAND AND UP TO 80 MPH AT BLOCK ISLAND RHODE ISLAND.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE BOSTON WEATHER BUREAU AT 11 AM EST...1600Z. INTERMEDIATE BULLETINS WILL BE ISSUED AT 7 AM AND 11 AM EST.

TENENBAUM WEATHER BUREAU BOSTON

BOSTON WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TELEVISION 7 AM EST SEPTEMBER 21 1961.

HURRICANE ESTHER HAS ALREADY BROUGHT TORRENTIAL RAINS HURRICANE FORCE WINDS AND ABNORMALLY HIGH TIDES TO LONG ISLAND AND SOUTHERN NEW ENGLAND. AT 0700Z THE CENTER OF THE STORM WAS LOCATED ABOUT 50 MILES SOUTH OF BLOCK ISLAND RHODE ISLAND. THE STORM WAS MOVING TOWARD THE NORTH NORTHEAST AT ABOUT 17 MPH AND ITS CENTER WAS EXPECTED TO PASS ACROSS CAPE COD LATER THIS MORNING.

HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND TO EASTPORT MAINE AND GALE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND SOUTHWARD TO CAPE MAY NEW JERSEY. A HURRICANE WATCH REMAINS IN EFFECT OVER CONNECTICUT AND WESTERN LONG ISLAND INCLUDING THE NEW YORK CITY AREA.

TIDES HAVE BEEN RUNNING 3 TO 6 FEET ABOVE NORMAL OVER SOUTHERN LONG ISLAND. THEY ARE EXPECTED TO INCREASE TO 6 TO 8 FEET ABOVE NORMAL IN NARRAGANSETT BAY AND 10 TO 12 FEET AT BUZZARDS BAY AND SOUTHERN CAPE COD. TIDES WILL RUN UP TO 4 FEET ABOVE NORMAL ELSEWHERE ALONG THE COAST FROM LONG ISLAND NORTHWARD TO EASTPORT MAINE. ROUGH SEAS WILL ACCOMPANY THE HIGH TIDES.

ESTHER'S STRONGEST WINDS ARE ESTIMATED 100 TO 115 MPH OVER A SMALL AREA AROUND THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD FROM THE CENTER ABOUT 100 MILES TO THE EAST AND ABOUT 75 MILES TO THE WEST. GALE FORCE WINDS EXTEND OUTWARD ABOUT 350 MILES IN THE EASTERN SEMICIRCLE AND ABOUT 200 MILES TO THE WEST. NO APPRECIABLE CHANGES IN THESE WIND SPEEDS ARE EXPECTED DURING THE NEXT 6 TO 10 HOURS. HEAVY RAINS SHOULD EXTEND ABOUT 250 MILES TO THE NORTH AND 150 MILES TO THE WEST OF THE CENTER. SOME THUNDER STORMS MAY ACCOMPANY THE RAINS, AND LOCAL FLOODS MAY OCCUR OVER SECTIONS OF SOUTHERN NEW ENGLAND. RESIDENTS ON THE COAST HAVE BEEN URGED TO SEEK HIGHER GROUND INLAND WHERE TIDAL FLOODING MAY PREVENT ESCAPE LATER. TORRENTIAL RAINS HAVE ALREADY OCCURRED AND CONSIDERABLY MORE RAIN IS EXPECTED. AT 0700 EST BLOCK ISLAND RHODE ISLAND REPORTED A TOTAL FALL IN THIS STORM OF 3.85 INCHES. IN THE LAST HOUR GUSTY WINDS HAVE REACHED 67 MPH AT NEW YORK CITY AND 60 MPH AT BRIDGEPORT CONNECTICUT. HYANNIS MASSACHUSETTS HAS MEASURED WINDS AT 56 MPH.

THE NEXT BULLETIN WILL BE ISSUED BY THE BOSTON WEATHER BUREAU AT 0900 EST...1400Z...THIS MORNING. THE NEXT REGULAR ADVISORY WILL BE ISSUED AT 11 AM EST...1600Z.

TENENBAUM WEATHER BUREAU BOSTON

BOSTON WEATHER BUREAU HURRICANE ESTHER 9 AM EST SEPTEMBER 21 1961 FOR PRESS RADIO AND TELEVISION

HURRICANE ESTHER HAS SLOWED DOWN AND IS GIVING INDICATION OF A SLIGHT WEAKENING. IT IS CENTERED ABOUT 50 MILES SOUTH SOUTHEAST OF BLOCK ISLAND AND IS NOW MOVING NORTHEASTWARD AT ABOUT 5 MILES AN HOUR.

HURRICANE WARNINGS REMAIN DISPLAYED FROM EASTERN LONG ISLAND TO EASTPORT MAINE WITH GALE WARNINGS TO CAPE MAY. HURRICANE WATCH HAS BEEN CANCELLED FOR CONNECTICUT AND THE NEW YORK CITY AREA.

NO SUSTAINED HURRICANE WINDS ARE NOW OCCURRING ALONG THE COASTS OF MASSACHUSETTS NEW HAMPSHIRE AND MAINE. WINDS SOUTH OF CAPE COD AND RHODE ISLAND ARE ABOUT 100 MPH. NANTUCKET LIGHTSHIP REPORTED A 90 MPH WIND. TIDES WILL BE 3 TO 6 FEET ABOVE NORMAL. THEY WILL BE EBBING DURING THE DAY BUT WILL BE ABNORMALLY HIGH AGAIN WITH THE HIGH TIDE TONIGHT.

SOUTHEASTERN NEW ENGLAND IS GETTING HEAVY RAINFALL WITH FLASH FLOODING IN MANY PLACES. IF THE HEAVY RAIN CONTINUES GENERAL FLOODING CAN BE ANTICIPATED.

THE SLOWDOWN OF HURRICANE ESTHER MEANS THAT IT WILL NOT REACH SOUTHERN CAPE COD UNTIL THIS AFTERNOON.

THE NEXT ADVISORY WILL BE ISSUED AT 11 AM FROM BOSTON.

PIERCE BOSTON WEATHER BUREAU

BOSTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 36 ESTHER 11 AM EST SEPTEMBER 21 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND NORTHWARD TO EASTPORT MAINE. GALE WARNINGS REMAIN DISPLAYED FROM EASTERN LONG ISLAND SOUTHWARD TO CAPE MAY NEW JERSEY. HURRICANE WATCH HAS BEEN ENDED OVER CONNECTICUT AND NEW YORK CITY AREA.

HURRICANE WINDS HAVE BEEN REPORTED OVER THE OPEN WATER SOUTH OF CAPE COD BUT WINDS ALONG THE COAST ARE REPORTED AT 30 TO 50 MILES PER HOUR WITH OCCASIONAL GUSTS TO 70 MILES PER HOUR. REPORTS DURING THE LAST FEW HOURS INDICATE THAT HURRICANE ESTHER HAS DIMINISHED SLIGHTLY IN INTENSITY. TIDES WILL CONTINUE 3 TO 6 FEET ABOVE NORMAL ALONG THE NEW ENGLAND COAST AND POSSIBLY AS HIGH AS 8 FEET OVER THE SOUTHEASTERN PORTIONS OF CAPE COD. THE ABNORMALLY HIGH TIDES WILL BE ACCOMPANIED BY HIGH SWELLS AND ROUGH SEAS.

AT 11 AM EST...1600Z...HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 40.7 NORTH LONGITUDE 71.4 WEST OR ABOUT 75 STATUTE MILES WEST SOUTHWEST OF NANTUCKET MASSACHUSETTS. ESTHER IS MOVING TOWARDS THE NORTH NORTHEAST AT ABOUT 10 MILES PER HOUR.

HURRICANE ESTHER IS FORECAST TO CONTINUE MOVING TOWARDS THE NORTH NORTHEAST WITH A SLIGHT TURNING TOWARDS THE NORTHEAST AT ABOUT THE SAME SPEED DURING THE NEXT 12 HOURS AND A SLIGHT INCREASE IN SPEED THEREAFTER.

HIGHEST WINDS ARE ESTIMATED AT 100 MPH OVER A SMALL AREA NEAR THE CENTER AND HURRICANE WINDS EXTEND OUTWARD 75 MILES TO THE EAST AND 40 MILES TO THE WEST. GALE FORCE WINDS EXTEND OUTWARD ABOUT 300 MILES IN THE EASTERN SEMICIRCLE 150 MILES WESTERN SEMICIRCLE.

WINDS NEAR THE CENTER OF THE STORM WILL DECREASE SOMEWHAT DURING THE NEXT 6 TO 12 HOURS BUT THERE WILL BE LITTLE CHANGE IN THE AREA OF GALE FORCE WINDS. HEAVY PRECIPITATION UP TO 4 INCHES HAS OCCURRED OVER SOUTHEASTERN NEW ENGLAND DURING THE PAST 12 HOURS. THIS WILL CAUSE SOME FLASH FLOODING AND SHOULD THE HEAVY RAIN CONTINUE FOR ANOTHER 12 TO 24 HOURS THERE WILL BE MORE GENERAL FLOODING.

ALTHOUGH HURRICANE ESTHER HAS DECREASED SLIGHTLY IN INTENSITY DURING THE PAST 12 HOURS IT IS STILL A DANGEROUS STORM AND ALL PERSONS SHOULD REMAIN AWAY FROM LOW COASTAL AREAS UNTIL HURRICANE ESTHER HAS MOVED EAST OF EASTERN MAINE SOMETIME FRIDAY.

SMALL CRAFT ALONG THE ATLANTIC COAST FROM NEW JERSEY NORTHWARD SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS HAVE SUBSIDED.

THE NEXT REGULAR ADVISORY WILL BE ISSUED BY THE BOSTON WEATHER BUREAU AT 5 PM EST...2200Z...INTERMEDIATE BULLETINS WILL BE ISSUED AT 1 PM AND 3 PM EST.

PIERCE WEATHER BUREAU BOSTON

BOSTON WEATHER BUREAU HURRICANE ESTHER BULLETIN FOR PRESS RADIO AND TV 1 PM EST September 21 1961.

HURRICANE ESTHER WAS LOCATED ABOUT 50 MILES WEST SOUTHWEST OF NANTUCKET MASSACHUSETTS AT 1 PM EST. IT WAS CONTINUING TO MOVE ON A NORTH NORTHEAST COURSE AT ABOUT 10 MPH.

GALE WINDS CONTINUE ALONG THE NEW ENGLAND AND NEW YORK COASTLINES WITH HURRICANE WINDS IN GUSTS OFFSHORE. DURING THE LAST FEW HOURS WINDS NEAR THE CENTER OF THE HURRICANE HAVE DIMINISHED IN INTENSITY BUT GALE WINDS EXTEND OUTWARD 300 MILES TO THE EAST AND 150 MILES TO THE WEST. ON ITS PRESENT TRACK THE CENTER WILL CROSS THE WESTERN END OF CAPE COD IN THE LATE AFTERNOON AND MOVE ALONG BUT OFF THE MAINE COAST TONIGHT.

ALTHOUGH THE HURRICANE HAS DIMINISHED IN INTENSITY IT CONTINUES TO BE A DANGEROUS STORM TIDES ARE RUNNING 3 TO 6 FEET ABOVE NORMAL AND PERSONS SHOULD REMAIN AWAY FROM LOW COASTAL AREAS ALONG THE SOUTHERN NEW ENGLAND AND NEW HAMPSHIRE COASTS UNTIL AFTER HIGH TIDE TONIGHT AND ALONG THE MAINE COAST UNTIL AFTER HIGH TIDE TOMORROW MORNING.

RAINFALL CONTINUES TO BE HEAVY IN SOUTHEASTERN NEW ENGLAND WHERE THERE WILL BE SOME FLASH FLOODING IN SMALL STREAMS TODAY AND TONIGHT. SHOULD THE HEAVY RAINS CONTINUE THERE IS SOME CHANCE OF SOME MINOR FLOODING IN THE NEXT DAY OR TWO.

THE NEXT BULLETIN WILL BE ISSUED AT 3 PM EST AND NEXT ADVISORY WILL BE ISSUED AT 5 PM EST FROM THE BOSTON WEATHER BUREAU OFFICE.

PIERCE WEATHER BUREAU BOSTON

BOSTON WEATHER BUREAU HURRICANE ESTHER BULLETIN 3 PM EST SEPTEMBER 21 1961

HURRICANE ESTHER WAS LOCATED ABOUT 40 MILES WEST SOUTHWEST OF NANTUCKET ISLAND MOVING SLOWLY NORTH NORTHEASTWARD.

REPORTS NEAR THE CENTER OF HURRICANE ESTHER INDICATE THAT THE STORM IS WEAKER IN THE CORE BUT GALES CONTINUE OVER A WIDE AREA FROM THE CENTER. TIDES WILL RUN GENERALLY 1 TO 2 FEET ABOVE NORMAL BUT POSSIBLY 3 TO 4 FEET ON THE OUTER CAPE. RAINFALL IS NOT AS HEAVY AS IT WAS EARLIER TODAY AND SHOULD CONTINUE TO TAPER OFF TONIGHT.

HURRICANE WARNINGS WILL BE CHANGED TO GALE WARNINGS OVER EASTERN LONG ISLAND AND MONTAUK POINT TO BLOCK ISLAND AT 4 PM EST.

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

PIERCE WEATHER BUREAU BOSTON

BOSTON WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 37 ESTHER 5 PM EST SEPTEMBER 21 1961.

HURRICANE WARNINGS HAVE BEEN CHANGED TO GALE WARNINGS OVER EASTERN LONG ISLAND AND FROM MONTAUK POINT TO EASTPORT MAINE AT 5 PM EST. GALE WARNINGS REMAIN DISPLAYED FROM CAPE MAY TO EASTERN LONG ISLAND BUT MAY BE LOWERED LATER TONIGHT.

WHAT WAS ONCE HURRICANE ESTHER HAS WEAKENED DURING THE PAST 6 HOURS AND HAS NOW BECOME A TROPICAL STORM. WINDS HAVE SLOWLY DIMINISHED ALONG THE SOUTHERN NEW ENGLAND AND NEW YORK COASTLINES. HIGHEST WINDS OVER A SMALL AREA NEAR THE CENTER ARE 70 MPH WITH OCCASIONAL SQUALLS TO 75 MPH. GALES EXTEND OUTWARD 300 MILES IN THE EASTERN SEMICIRCLE AND 150 MILES IN THE WESTERN SEMI-CIRCLE. TIDES WILL BE GENERALLY 1 TO 2 FEET ABOVE NORMAL EXCEPT NEAR 4 FEET ABOVE NORMAL OVER THE OUTER CAPE AND WILL GRADUALLY DIMINISH LATE TONIGHT. SEAS WILL CONTINUE ROUGH FOR A WHILE BUT WILL SUBSIDE FRIDAY.

AT 5 PM EST...2200Z...TROPICAL STORM ESTHER WAS LOCATED NEAR LATITUDE 40.8 NORTH AND LONGITUDE 70.9 WEST OR ABOUT 100 STATUTE MILES SOUTH OF BOSTON. THE STORM HAS CHANGED TO A MORE NORTHEASTERLY COURSE AND HAS SLOWED DOWN TO ABOUT 7 MPH AND WILL CONTINUE ON THE SAME COURSE AND SPEED FOR THE NEXT 12 HOURS THEN TURN TOWARDS THE EAST NORTHEAST WITH A GRADUAL INCREASE IN SPEED. THIS TRACK WILL TAKE THE CENTER SOUTH OF CAPE COD DURING THE NIGHT.

RAINFALL WHICH HAS BEEN HEAVY OVER SOUTHERN NEW ENGLAND DURING THE PAST 12 HOURS WILL TAPER OFF DURING THE NIGHT. THERE WILL BE SOME FLASH FLOODING AND RIVER INTERESTS SHOULD REMAIN ALERT FOR BULLETINS ON FURTHER FLOODING TONIGHT OR FRIDAY.

SMALL CRAFT ALONG THE ATLANTIC COAST FROM NEW JERSEY NORTHWARD SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS HAVE SUBSIDED.

THE NEXT ADVISORY WILL BE ISSUED BY THE BOSTON WEATHER BUREAU AT 11 PM EST. NO FURTHER BULLETINS WILL BE ISSUED.

PIERCE WEATHER BUREAU BOSTON

BOSTON WEATHER BUREAU TROPICAL STORM ADVISORY 38 ESTHER 11 PM EST SEPTEMBER 21 1961.

GALE WARNINGS REMAIN DISPLAYED FROM BLOCK ISLAND RHODE ISLAND TO PORTSMOUTH NEW HAMPSHIRE BUT HAVE BEEN CHANGED TO SMALL CRAFT WARNINGS ALONG THE MAINE COAST AS OF 11 PM. GALE WARNINGS HAVE BEEN LOWERED SOUTH OF BLOCK ISLAND TO CAPE MAY NEW JERSEY.

THE FORMER HURRICANE ESTHER HAS CONTINUED TO WEAKEN DURING THE PAST 12 HOURS AND IS NOW CLASSIFIED A TROPICAL STORM. WINDS HAVE SLOWLY DIMINISHED ALONG THE MIDDLE ATLANTIC COAST AND ACROSS SOUTHERN NEW ENGLAND. HIGHEST WINDS ARE ESTIMATED 55 TO 60 MPH OVER A SMALL AREA NEAR THE CENTER WITH A FEW SQUALLS TO 70 MPH JUST TO THE SOUTHEAST. GALES EXTEND OUTWARD 200 MILES IN THE EASTERN SEMICIRCLE AND 75 MILES IN THE WESTERN SEMICIRCLE. AS ESTHER MOVES SLOWLY ACROSS THE COLDER NORTH ATLANTIC WATERS IT SHOULD CONTINUE TO DIMINISH SLOWLY IN INTENSITY. ABNORMALLY HIGH TIDES WILL DIMINISH AND ROUGH SEAS SHOULD GRADUALLY SUBSIDE DURING THE COURSE OF THE DAY FRIDAY.

AT 11 PM EST...0400Z...TROPICAL STORM ESTHER WAS LOCATED NEAR LATITUDE 40.8 NORTH AND LONGITUDE 70.0 WEST OR ABOUT 27 STATUTE MILES TO THE SOUTH OF NANTUCKET ISLAND MASSACHUSETTS. THE STORM IS NOW MOVING TOWARD THE EAST NORTHEAST ABOUT 9 MPH. IT WILL CONTINUE ON THE SAME COURSE WITH ITS FORWARD SPEED PICKING UP TO 10 TO 12 MPH DURING THE NEXT 12 HOURS. THIS TRACK WILL TAKE THE STORM CLEAR OF NEW ENGLAND DURING FRIDAY.

SMALL CRAFT ALONG THE NORTH ATLANTIC COASTAL AREA ARE URGED TO REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE.

THE NEXT REGULAR ADVISORY ON THIS STORM WILL BE ISSUED BY THE BOSTON WEATHER BUREAU AT 5 AM EST.

FLAHIVE WEATHER BUREAU BOSTON

BOSTON WEATHER BUREAU TROPICAL STORM ADVISORY 39 ESTHER 5 AM EST FRIDAY SEPTEMBER 22 1961.

GALE WARNINGS BLOCK ISLAND RHODE ISLAND TO PORTSMOUTH NEW HAMPSHIRE WILL LIKELY BE CHANGED TO SMALL CRAFT WARNINGS THIS MORNING.

THE FORMER HURRICANE ESTHER CONTINUED TO WEAKEN DURING THE NIGHT AND IS NOW CHARACTERIZED AS A TROPICAL STORM. WINDS HAVE DIMINISHED STEADILY ALONG THE NEW ENGLAND COAST. HIGHEST WINDS ARE ESTIMATED ABOUT 50 MPH OVER A SMALL AREA NEAR THE CENTER OF THE STORM WITH GALES EXTENDING OUTWARD ABOUT 300 MILES IN THE SOUTHEAST SEMICIRCLE AND 75 MILES IN THE NORTHWEST SEMICIRCLE. AS ESTHER CONTINUES TO MOVE SLOWLY OVER THE COLDER NORTH ATLANTIC WATERS IT WILL CONTINUE TO DECREASE IN INTENSITY. SEAS WILL BE ROUGH OFF NEW ENGLAND BUT SHOULD BEGIN TO SUBSIDE SLOWLY TODAY.

AT 5 AM EST 1000Z TROPICAL STORM ESTHER WAS CENTERED NEAR LATITUDE 40.7 NORTH AND LONGITUDE 68.6 WEST OR ABOUT 80 STATUTE MILES TO THE EAST SOUTHEAST OF NANTUCKET ISLAND MASSACHUSETTS. IT IS MOVING TOWARD THE EAST ABOUT 11 MPH AND IS EXPECTED TO MAINTAIN THAT COURSE AND SPEED DURING THE NEXT 12 TO 24 HOURS.

SMALL CRAFT ALONG THE NORTH ATLANTIC COAST ARE URGED TO REMAIN IN PORT UNTIL WIND AND SEA SUBSIDE.

THE NEXT ADVISORY ON THIS STORM WILL BE ISSUED BY THE BOSTON WEATHER BUREAU AT 11 AM EST.

FLAHIVE WEATHER BUREAU BOSTON

BOSTON WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 40 ESTHER 11 AM EST SEPTEMBER 22 1961.

AT 11 AM EST...1600Z...TROPICAL STORM ESTHER WAS CENTERED NEAR LATITUDE 40.0 NORTH AND LONGITUDE 65.5 WEST OR ABOUT 520 STATUTE MILES NORTH OF BERMUDA. IT IS MOVING EASTWARD AT ABOUT 20 MPH AND IS EXPECTED TO CONTINUE ON THIS SAME COURSE FOR THE NEXT 12 TO 24 HOURS.

HIGHEST WINDS IN THE STORM ARE ABOUT 40 MPH GUSTY TO 50 MPH IN SQUALLS OUTWARD ABOUT 240 MILES FROM THE CENTER EXCEPT 150 MILES IN THE NORTHERN QUADRANT.

THIS STORM PRESENTS NO FURTHER THREAT TO ANY LAND AREA AND NO LONGER HAS TROPICAL CHARACTERISTICS.

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

PIERCE WEATHER BUREAU BOSTON

BOSTON WEATHER BUREAU OFFICE SEPTEMBER 25 1961 BULLETIN ON STORM ESTER 10 AM EST.

STORM ESTHER WHICH WAS ONCE HURRICANE ESTHER TOOK A LARGE LOOP OVER THE WEEKEND AND IS NOW ABOUT 275 STATUTE MILES SOUTH OF NANTUCKET ISLAND. IT IS DRIFTING NORTHWARD AT AROUND 10 MPH.

GALE WARNINGS WILL BE DISPLAYED FROM PROVINCETOWN TO BLOCK ISLAND AND SMALL CRAFT WARNINGS WILL BE DISPLAYED ELSEWHERE FROM CAPE MAY TO PORTLAND MAINE AT 11 AM EST NOON EASTERN DAYLIGHT TIME TODAY. TIDES RUNNING UP TO 1 FOOT ABOVE NORMAL WILL PRODUCE SOME MINOR FLOODING AT TIME OF HIGH TIDE ALONG LOW LYING COASTAL AREAS OF EASTERN MASSACHUSETTS AND RHODE ISLAND TONIGHT AND TUESDAY.

RAINFALL MAY BECOME HEAVY OVER SOUTHEASTERN NEW ENGLAND AGAIN TONIGHT AND TUESDAY CAUSING SOME FLASH AND MINOR FLOODING ON THE STREAMS. HOWEVER IF RAIN FALL SHOULD EXCEED 3 INCHES IN 24 HOURS FLOODING WILL BECOME MORE GENERAL.

THE NEXT BULLETIN ON STORM ESTHER WILL BE ISSUED FROM THE BOSTON WEATHER BUREAU AT 2 PM EST.

PIERCE

WEATHER BUREAU BOSTON SEPTEMBER 25 1961 BULLETIN NUMBER 2 ON STORM ESTHER 2 PM EST.

THE CENTER OF STORM ESTHER WAS ESTIMATED TO BE ABOUT 210 STATUTE MILES SOUTH SOUTHWEST OF NANTUCKET ISLAND AT 2 PM EST MOVING NORTHWARD ABOUT 10 MPH. THERE IS SOME INDICATION THAT THE STORM WILL TURN MORE TOWARD THE NORTH NORTHEAST WITH SOME ACCELERATION DURING THE NEXT 12 HOURS.

STRONGEST WINDS ARE 30 TO 50 MPH IN THE STORM AND GALE WARNINGS ARE DISPLAYED FROM PROVINCETOWN TO BLOCK ISLAND WITH SMALL CRAFT WARNINGS ELSEWHERE CAPE MAY NORTHWARD TO PORTLAND ME. TIDES ARE EXPECTED TO RUN 1 TO 2 FEET HIGHER THAN NORMAL FROM PORTLAND ME TO WATCH HILL RHODE ISLAND. THIS ON TOP OF A HIGHER THAN USUAL TIDE PRODUCED BY THE MOON WILL CAUSE SOME FLOODING AT THE TIME OF HIGH TIDE OVER LOW LYING COASTAL AREAS TONIGHT AND TUESDAY FROM PORTLAND SOUTHWARD INCLUDING THE RHODE ISLAND COAST.

OCCASIONALLY HEAVY RAINS OVER THE EASTERN PORTIONS OF NEW ENGLAND WILL PRODUCE SOME FLASH FLOODING ON SMALLER STREAMS AND MINOR FLOODING ON LARGER STREAMS TONIGHT AND TUESDAY. UNLESS RAINFALL AMOUNTS EXCEED 3 INCHES NO MAJOR FLOODING IS ANTICIPATED.

THE NEXT BULLETIN ON STORM ESTHER WILL BE ISSUED FROM THE BOSTON WEATHER BUREAU OFFICE AT 8 PM EST.

PIERCE

WEATHER BUREAU BOSTON BULLETIN NUMBER 3 STORM ESTHER 8 PM EST MONDAY SEPTEMBER 25 1961.

AS STORM ESTHER MOVES NORTH NORTHEAST THROUGH COASTAL NEW ENGLAND DURING THE NIGHT AND EARLY TUESDAY MORNING IT WILL BE ACCOMPANIED BY MODERATE TO OCCASIONALLY HEAVY RAIN. ADDITIONAL RAINFALL SHOULD AVERAGE 1 TO 3 INCHES OCCURRING PRINCIPALLY OVER EASTERN NEW ENGLAND. FLASH FLOODING WILL OCCUR ON SMALLER STREAMS BUT MAJOR RIVERS WILL BE SLOWER TO RISE.

STRONGEST WINDS ARE ESTIMATED 30 TO 50 MPH. GALE WARNINGS REMAIN DISPLAYED BLOCK ISLAND TO PROVINCETOWN MASSACHUSETTS AND WERE EXTENDED NORTHWARD TO EASTPORT MAINE AT 8 PM. TIDES WILL RUN 1 TO 2 FEET ABOVE NORMAL. THIS ON TOP OF HIGHER THAN USUAL TIDES OCCURRING AT THIS TIME OF THE MONTH WILL CAUSE SOME FLOODING OF LOW LYING COASTAL POINTS AT TIME OF HIGH TIDE DURING THE NIGHT AND EARLY MORNING.

STORM ESTHER WAS CENTERED ABOUT 58 STATUTE MILES TO THE SOUTH OF MARTHAS VINEYARD MASSACHUSETTS AT 8 PM EST...0100Z... IT IS MOVING NORTH NORTHEAST ABOUT 20 MPH AT PRESENT. THIS COURSE WILL TAKE THE CENTER TO THE SOUTHERN MAINE COAST BY 8 AM EST TUESDAY AND OVER NORTHERN MAINE BY LATE TUESDAY AFTERNOON.

LOCALLY HEAVY RAINFALL AMOUNTS HAVE BEEN REPORTED DURING THE AFTERNOON AND EVENING FROM RHODE ISLAND AND CAPE COD NORTHWARD INTO SOUTHERN MAINE. BOSTON REPORTED 2.32 INCHES DURING THE PAST 24 HOURS AND PORTLAND MAINE PICKED UP TWO INCHES OF RAIN IN THE 6 HOURS WHICH ENDED AT 7 PM EST.

THE NEXT BULLETIN ON STORM ESTHER WILL BE ISSUED FROM THE BOSTON WEATHER BUREAU ABOUT 2 AM EST TUESDAY.

FLAHEVE

BOSTON WEATHER BUREAU SEPTEMBER 26 1961 BULLETIN NUMBER 4 STORM ESTHER 2 AM.

AT 2 AM EST STORM ESTHER WAS CENTERED ABOUT 30 MILES NORTHEAST OF NANTUCKET ISLAND. THE STORM IS MOVING NORTH NORTHEASTWARD AT 20 MPH AND WILL CONTINUE THIS COURSE AND SPEED FOR THE NEXT 24 HOURS.

HEAVY RAINS HAVE ENDED OVER MASS AND RHODE ISLAND BUT WILL CONTINUE OVER EASTERN AND NORTHERN MAINE AND POSSIBLY NORTHERN NEW HAMPSHIRE TODAY. THERE WILL BE FLASH FLOODING IN THE SMALLER STREAMS OVER EASTERN NEW ENGLAND. LARGER STREAMS IN EASTERN MASS WILL BE JUST OVER BANKFUL FOR THE NEXT DAY OR TWO. HEAVY RAINS WERE CONFINED TO EXTREME EASTERN NEW ENGLAND. BOSTON HAD 2.99 INCHES DURING THE PAST 18 HOURS WITH PORTLAND REPORTING 2.44 INCHES PROVIDENCE 1.64 INCHES AND WORCESTER 1.32 INCHES. AMOUNTS DECREASED RAPIDLY WEST OF WORCESTER.

STRONGEST WINDS ARE 30 TO 50 MPH ON THE EAST SIDE OF THE STORM. THESE HAVE PRODUCED ROUGH SEAS OFF THE COAST. GALE WARNINGS ARE DISPLAYED FROM EASTPORT TO BLOCK ISLAND BUT WILL LIKELY BE CHANGED TO SMALL CRAFT WARNINGS SOUTH OF PORTLAND LATER THIS MORNING. TIDES WHICH HAVE BEEN RUNNING 1 TO 2 FEET ABOVE NORMAL WILL RETURN TO NEAR NORMAL SOUTH OF PORTLAND TODAY.

THE NEXT BULLETIN ON STORM ESTHER WILL BE ISSUED FROM THE WEATHER BUREAU OFFICE AT BOSTON AT 8 AM EST.

BOSTON WEATHER BUREAU SEPTEMBER 26 1961 BULLETIN NUMBER 5 STORM ESTHER 8 AM EST.

AT 8 AM EST STORM ESTHER WAS CENTERED NEAR ROCKLAND MAINE. IT WILL CONTINUE MOVING NORTH NORTHEASTWARD AT ABOUT 20 MPH REACHING THE LOWER ST LAWRENCE VALLEY EARLY TONIGHT.

RAIN CONTINUES OVER MAINE AND THERE MAY BE FURTHER HEAVY AMOUNTS OVER NORTHERN MAINE TODAY. CLEARING WEATHER HAS OCCURRED OVER THE SOUTHEASTERN PORTION OF NEW ENGLAND AND THIS CLEARING TREND WILL MOVE NORTHWARD THROUGH MAINE DURING THE DAY. FLASH FLOODS WILL OCCUR ON THE SMALLER STREAMS. LARGE STREAMS IN EASTERN MASSACHUSETTS WILL HAVE SOME MINOR FLOODING THE NEXT FEW DAYS. A MORE DETAILED BULLETIN ON THESE STREAMS WILL BE ISSUED LATER TODAY.

WINDS OF 30 TO 50 MPH AND ROUGH SEAS PREVAIL ON THE EAST SIDE OF THIS STORM. ABNORMALLY HIGH TIDES WILL SUBSIDE AND THERE IS LITTLE DANGER OF COASTAL FLOODING EXCEPT FOR SOME MINOR FLOODING ALONG THE SOUTHEASTERN MAINE COAST LATE THIS MORNING. HEAVY RAINS WERE CONFINED TO EXTREME EASTERN NEW ENGLAND. BOSTON REPORTED A TOTAL OF 3.10 INCHES FOR THE RETURN TRIP OF THE STORM. PORTLAND HAD 2.54 INCHES PROVIDENCE 1.84 INCHES WORCESTER 1.32 INCHES AND CONCORD .88 INCHES. RAINFALL AMOUNTS FELL OFF RAPIDLY WEST OF THE WORCESTER CONCORD LINE.

THE NEXT BULLETIN ON THE STORM ESTHER WILL BE ISSUED BY THE BOSTON WEATHER BUREAU AT 11 AM EST. PIERCE

BOSTON WEATHER BUREAU SEPTEMBER 26 1961 BULLETIN NUMBER 6 STORM ESTER 11 AM EST.

STORM ESTHER IS FINALLY GIVING UP.

AT 11 AM EST DYING STORM ESTHER WAS CENTERED OVER NORTHEASTERN MAINE. IT HAS BEEN MOVING NORTH NORTHEASTWARD AT ABOUT 30 MPH DURING THE PAST 12 HOURS AND IT WILL SOON LOSE ITS SEPARATE IDENTITY. WITHIN THE NEXT 12 HOURS THE STORM WILL BE ABSORBED BY THE CIRCULATION OF A DEPRESSION OF NON TROPICAL ORIGIN MOVING NORTHEASTWARD FROM LAKE HURON. THIS DEPRESSION IS EXPECTED TO BE CENTERED NEAR THE MOUTH OF THE ST LAWRENCE VALLEY BY WEDNESDAY MORNING.

THE HEAVY RAINS CAUSED BY STORM ESTHER ARE ABOUT OVER AND EXCEPT FOR THE CHANCE OF A FEW SCATTERED LIGHT SHOWERS THIS AFTERNOON OVER NORTHERN NEW ENGLAND DUE TO THE ARRIVAL OF SOMEWHAT COOLER AIR FROM THE WEST NO SIGNIFICANT ADDITIONAL RAINS ARE EXPECTED.

GALE WARNINGS HAVE BEEN LOWERED ALONG THE NEW ENGLAND COAST BUT SMALL CRAFT WARNINGS ARE STILL IN EFFECT FROM EASTPORT MAINE TO BLOCK ISLAND RHODE ISLAND. ROUGH SEAS ALONG THE COAST WILL GRADUALLY SUBSIDE THIS AFTERNOON AND EVENINGS. TIDES WILL ALSO DECREASE THE REMAINDER OF TODAY.

HEAVY RAINS DUE TO STORM ESTHER DURING THE PAST 2 DAYS WERE CONFINED TO EXTREME EASTERN NEW ENGLAND. AMONG THE HEAVIEST AMOUNTS RECORDED WERE 3.54 INCHES AT SALEM MASSACHUSETTS AND 3.10 AT BOSTON. AMOUNTS OF BETWEEN 2 AND 3 INCHES WERE MEASURED AT FLETCHERS NECK PORTLAND AUGUSTA BANGOR AND MILLINOCKET MAINE. THE RAINFALL TAPERED TO LITTLE OR NONE IN EXTREME WESTERN NEW ENGLAND. NO APPRECIABLE FLOODING OTHER THAN THE MINOR FLOODS WHICH HAVE ALREADY OCCURRED IS ANTICIPATED.

DURING ITS LONG AND ERRATIC LIFE HISTORY ESTHER'S HURRICANE WINDS WERE LIMITED ON LAND TO EXTREME SOUTHEASTERN NEW ENGLAND. FORTUNATELY NO LOSS OF LIFE WAS DIRECTLY ATTRIBUTABLE TO THE STORM.

INASMUCH AS STORM ESTHER WILL SOON LOSE ITS IDENTITY THIS WILL BE THE LAST BULLETIN ABOUT THIS STORM.

TENENBAUM WEATHER BUREAU BOSTON

SELECTED LOCAL HURRICANE STATEMENTS  
HURRICANE "ESTHER"  
SEPTEMBER 1961

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY NEW YORK CITY WEATHER BUREAU AT 0230 EST SEPTEMBER 19, 1961

TIDES TODAY AND TONIGHT 1 TO 2 FEET ABOVE NORMAL WITH SOME LOCAL FLOODING AT THE HIGH TIDE THIS EVENING. HIGHER WEDNESDAY.  
ZWECHER

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY CAPE HATTERAS WEATHER BUREAU AT 6 PM EST SEPTEMBER 18, 1961

SEVERE HURRICANE ESTHER IS LOCATED 570 MILES SOUTHEAST OF WILMINGTON NC AND ABOUT THE SAME DISTANCE SOUTHEAST OF CAPE HATTERAS. MOVEMENT TOWARD THE NORTHWEST HAS ACCELERATED TO 16 MPH. SEA AND SOUTH TIDES ALONG HATTERAS ISLAND ARE NOW ABOUT 2 FEET ABOVE NORMAL AND WILL LIKELY RISE SLOWLY TONIGHT AND TUESDAY MORNING. HURRICANE WATCH IS NOW IN EFFECT AND GALE WARNINGS HAVE BEEN HOISTED FOR ALL OF THE COASTAL AREA OF NORTH CAROLINA INCLUDING THE OUTER BANKS. THIS IS A VERY DANGEROUS AND LARGE HURRICANE. ALL INTERESTS SHOULD TAKE NECESSARY PRECAUTIONS FOR PROTECTION OF PROPERTY AND BOATING FACILITIES. ALSO KEEP ADVISED ON THE LOCATION MOVEMENT AND INTENSITY OF HURRICANE BY RADIO AND TV.

WILLIAMS

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY WILMINGTON NORTH CAROLINE WEATHER BUREAU AT 5 AM TUESDAY SEPTEMBER 19, 1961

HOIST HURRICANE WARNINGS FROM CAPE LOOKOUT TO VIRGINIA CAPES. LARGE AND DANGEROUS HURRICANE ESTHER WILL CAUSE GALE WINDS FROM CAPE LOOKOUT TO THE VIRGINIA CAPES THIS MORNING AND HURRICANE WINDS LATE THIS AFTERNOON OR TONIGHT. TIDES ALONG THE COAST AHEAD OF HURRICANE ESTHER WILL RISE 4 TO 8 FEET ABOVE NORMAL AND ARE LIKELY TO BE HIGHER IF THE HURRICANE TAKES A LITTLE MORE WESTERLY COURSE OR IF THE FORWARD SPEED BECOMES LESS. PEOPLE RESIDING IN THE LOW LYING AREA TENTS AND TRAILERS SHOULD SEEK HIGH GROUND WITH SUITABLE SHELTER IMMEDIATELY. SOME ESCAPE ROUTES WILL BECOME FLOODED AS WATERS RISE TODAY AND TONIGHT. SAFETY PRECAUTIONS SHOULD BE STARTED NOW. ESTHER IS FORECAST TO CONTINUE MOVING TOWARD THE NORTHWEST AT 14 MPH DURING THE NEXT 12 HOURS. ONLY A SLIGHT TURNING IS INDICATED TONIGHT SO THAT THE CENTER IS EXPECTED TO PASS JUST EAST OF CAPE HATTERAS LATE TONIGHT OR EARLY WEDNESDAY. THE 5 O'CLOCK POSITION OF HURRICANE ESTHER WAS CENTERED AT LATITUDE 30.7 NORTH LONGITUDE 71.8 WEST OR ABOUT 360 STATUTE MILES SOUTH EAST OF CAPE HATTERAS.

THOMAS

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY NORFOLK WEATHER BUREAU 6AM EST SEPTEMBER 19, 1961

HURRICANE WARNINGS WERE HOISTED FOR THE COAST FROM CHERRY POINT NORTH CAROLINA NORTHWARD TO THE VIRGINIA CAPES AT 5AM TODAY AND AT THE SAME TIME GALE WARNINGS WERE HOISTED FROM THE VIRGINIA CAPES TO CAPE MAY NEW JERSEY.

WINDS IN THE HAMPTON ROADS AREA WILL BE INCREASINGLY NORTHEASTERLY TODAY REACHING 40 MPH OR MORE BY TONIGHT AND INCREASING TO HURRICANE FORCE DURING TONIGHT. WINDS ALONG THE OUTER BANKS WILL INCREASE SOONER.

THE NEXT HIGH TIDE IN THE HAMPTON ROADS AREA WILL OCCUR BETWEEN 4 AND 5PM TODAY AND WILL RUN 2 TO 3 FEET ABOVE NORMAL OR 5 TO 6 FEET ABOVE THE MEAN LOW WATER MARK. THE FOLLOWING HIGH TIDE BETWEEN 5 AND 6 AM ON WEDNESDAY WILL DEPEND ON THE FUTURE MOVEMENT OF THE HURRICANE.

PRECAUTIONS FOR THIS HURRICANE SHOULD BE RUSHED TO COMPLETION DURING THE DAYLIGHT HOURS TODAY. CHECK ON ANYTHING THAT MIGHT BE BLOWN AWAY OR TORN LOOSE SUCH AS GARBAGE CANS GARDEN TOOLS SIGNS PORCH FURNITURE AND AWNINGS. THESE OBJECTS BECOME WEAPONS OF DESTRUCTION IN HURRICANE WINDS. STORE THEM INSIDE IF POSSIBLE. PARTICULAR PRECAUTIONS SHOULD BE TAKEN BY BOAT OWNERS. IF YOU ARE IN AN AREA THAT IS SUBJECT TO TIDAL FLOODING GET TO HIGHER GROUND. BE SURE THAT YOUR CAR WILL NOT BE PARKED TONIGHT IN AN AREA THAT IS SUBJECT TO TIDAL FLOODING.

SACHSE

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY FRIENDSHIP AIRPORT BALTIMORE WEATHER BUREAU AT 630AM SEPTEMBER 19, 1961

AT 6AM THIS MORNING A HURRICANE WATCH WAS EXTENDED NORTHWARD TO INCLUDE THE AREA FROM THE VIRGINIA CAPES TO CAPE MAY N. J. THIS INCLUDES EASTERN MARYLAND AND DELAWARE. ALL PERSONS LIVING IN EASTERN MARYLAND AND DELAWARE ARE URGED TO TAKE PRELIMINARY PRECAUTIONS IMMEDIATELY. IN PARTICULAR PERSONS LIVING IN AREAS IMMEDIATELY ALONG THE COAST AND PERSONS LIVING IN AREAS SUBJECT TO FLOODING BY RISING TIDES AND HEAVY RAINS SHOULD BE PREPARED TO EVACUATE ON SHORT NOTICE. DANGEROUSLY HIGH TIDES ARE PRECEDING THE HURRICANE AND IF THE STORM MAINTAINS A NORTHWESTERLY COURSE IT MAY BECOME NECESSARY TO EVACUATE COASTAL PORTIONS OF MARYLAND AND DELAWARE.

AT 6AM THE STORM WAS LOCATED ABOUT 360 MILES SOUTHEAST OF CAPE HATTERAS MOVING TOWARDS THE NORTHWEST AT 14 MPH. HIGHEST WINDS AT THE CENTER ARE STILL ESTIMATED AT 150 MPH.

THIS IS A VERY LARGE AND VERY DANGEROUS HURRICANE. ALL INTERESTS SHOULD KEEP A VERY CLOSE WATCH ON FUTURE ADVISORIES.

GALE WARNINGS ARE NOW DISPLAYED OVER SOUTHERN CHESAPEAKE BAY WHILE SMALL CRAFT WARNINGS REMAIN DISPLAYED OVER THE NORTHERN PORTION OF THE BAY.

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY CAPE HATTERAS WEATHER BUREAU AT 8 AM EST SEPTEMBER 19, 1961.

HOISE HURRICANE WARNINGS ALONG OUTER BANKS OF NORTH CAROLINA INCLUDING DATE AND HYDE COUNTIES. HURRICANE ESTHER IS LOCATED 335 MILES SOUTHEAST OF CAPE HATTERAS. IT IS MOVING TOWARD THE NORTHWEST AT 14 MPH. GALE FORCE WINDS ARE LIKELY TO BEGIN ON THE BANKS AROUND NOONTIME AND INCREASE TO HURRICANE FORCE BY EARLY TONIGHT. TIDES ARE EXPECTED TO RISE TO 4 TO 8 FEET ABOVE NORMAL. ALL RESIDENTS ARE ADVISED TO TAKE SAFE SHELTER IMMEDIATELY AS ROADS LEADING OFF THE BANKS MAY BE FLOODED AND IMPASSABLE BY LATE AFTERNOON. PRESENT INDICATIONS ARE THAT THE CENTER OF THE STORM WILL PASS NEAR CAPE HATTERAS EARLY WEDNESDAY MORNING. KEEP POSTED ON THE LATEST ADVISORIES BY RADIO OR TV.

WILLIAMS

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY WILMINGTON NORTH CAROLINA WEATHER BUREAU AT 8:30 AM TUESDAY SEPTEMBER 19, 1961.

BASED ON THE EXPECTED MOVEMENT OF HURRICANE ESTHER SO THAT THE CENTER WILL PASS JUST EAST OF CAPE HATTERAS LATE TONIGHT WINDS WILL INCREASE TO GALE FORCE THIS AFTERNOON AND TO HURRICANE FORCE LATE TONIGHT PRODUCING THE FOLLOWING TIDES IN PAMLICO SOUND. SWANQUARTER AND BELHAVEN 2 TO 4 FEET ABOVE NORMAL, WASHINGTON, N.C. TO 5 FEET ABOVE NORMAL, LOWLAND HOBUCKEN MESIC AND OTHER LOW AREAS FROM MINNESOTA BEACH NORTHWARD TO LOWLAND 5 TO 8 FEET ABOVE NORMAL, CEDAR ISLAND 6 TO 8 FEET ABOVE NORMAL, NEW BERN AROUND 4 FEET ABOVE NORMAL, CHERRY POINT MERRIMON AND SOUTH RIVER 6 TO 8 FEET ABOVE NORMAL.

SHOULD THE COURSE OF HURRICANE ESTHER STALL OR TAKE A MORE WESTERLY COURSE THE TIDES WOULD BE HIGHER. ALL PREPARATIONS SHOULD BE STARTED IMMEDIATELY AND COMPLETED BEFORE NIGHTFALL.

DUKE

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY NORFOLK VIRGINIA WEATHER BUREAU AT 10:00 AM SEPTEMBER 19, 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM CHERRY POINT NORTH CAROLINA TO VIRGINIA CAPES AND GALE WARNINGS NORTH OF VIRGINIA CAPES TO CAPE MAY NEW JERSEY. INCREASING NORTH EAST WINDS BECOMING GALE FORCE TONIGHT AND HURRICANE FORCE EARLY WEDNESDAY MORNING. WINDS ALONG THE NORTH CAROLINA OUTER BANKS WILL REACH THESE VALUES A LITTLE SOONER. AT 8:00 AM HURRICANE ESTHER WAS LOCATED ABOUT 335 MILES SOUTHEAST OF HATTERAS MOVING NORTHWESTWARD AROUND 14 MPH. THIS COURSE WOULD PUT THE CENTER NEAR HATTERAS ABOUT 7:00 A.M. WEDNESDAY. HIGH TIDES THIS AFTERNOON WILL AVERAGE 2 TO 3 FEET ABOVE NORMAL OR 5 TO 6 FEET ABOVE MEAN LOW WATER IN THE HAMPTON ROADS AREA AND CAUSE SOME MINOR FLOODING IN LOW LYING SECTIONS. A PRELIMINARY ESTIMATE OF HIGH TIDES WEDNESDAY MORNING BETWEEN 5 TO 7 A.M. IS FOR HEIGHTS TO AVERAGE 4 FEET ABOVE NORMAL OR 6 TO 7 FEET ABOVE MEAN LOW WATER AND CAUSE FLOODING AND NECESSITATE REROUTING OF GRAFFIC THROUGH SOME AREAS.

PRECAUTIONS FOR THIS HURRICANE SHOULD BE RUSHED TO COMPLETION DURING THE DAYLIGHT HOURS TODAY. CHECK ON ANYTHING THAT MIGHT BE BLOWN AWAY OR TORN LOOSE SUCH AS GARBAGE CANS- GARDEN TOOLS- SIGNS- PORCH FURNITURE AND AWNINGS. THESE OBJECTS BECOME WEAPONS OF DESTRUCTION IN HURRICANE WINDS. STORE THEM INSIDE IF POSSIBLE. PARTICULAR PRECAUTIONS SHOULD BE TAKEN BY BOAT OWNERS. IF YOU ARE IN AN AREA THAT IS SUBJECTED TO TIDAL FLOODING GET TO HIGHER GROUND. BE SURE AND REMOVE YOUR CAR FROM AREAS THAT ARE EFFECTED BY TIDAL FLOODING.

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY WILMINGTON NORTH CAROLINA WEATHER BUREAU AT 11:30 AM TUESDAY SEPTEMBER 19, 1961

HURRICANE WARNINGS ARE DISPLAYED MOREHEAD CITY NORTHWARD TO VIRGINIA CAPES.

LARGE AND SEVERE HURRICANE ESTHER IS MOVING ON A NORTH WEST TO NORTHNORTHWEST COURSE AT ABOUT 13 MPH IN THE GENERAL DIRECTION OF CAPE HATTERAS AND SHOULD PASS NOT FAR FROM CAPE HATTERAS TOMORROW WEDNESDAY FORENOON. WINDS WILL GRADUALLY INCREASE IN THE AREA OF DISPLAY REACHING GALE FORCE EARLY THIS EVENING AND HURRICANE FORCE LATE TONIGHT. TIDES ALONG THE COAST MOREHEAD CITY NORTHWARD AHEAD OF HURRICANE ESTHER WILL RISE 4 TO 8 FEET ABOVE NORMAL AND WILL BE HIGHER IN SOME LOCALITIES IF THE HURRICANE SHOULD TAKE A MORE WESTERLY COURSE THAN NOW INDICATED. PERSONS RESIDING IN THE LOW LYING AREAS TENTS AND TRAILERS SHOULD SEEK HIGH GROUND AND SUITABLE SHELTER IMMEDIATELY. SOME ESCAPE ROUTES WILL BE FLOODED AS TIDAL WATERS BEGIN TO RISE MORE RAPIDLY BY EARLY THIS EVENING SAFETY PRECAUTIONS SHOULD BE RUSHED TO COMPLETION BEFORE NIGHTFALL.

THE 11 A.M. POSITIONS OF HURRICANE ESTHER NEAR LATITUDE 31.3 NORTH LONGITUDE 72.4 WEST OR ABOUT 500 STATUTE MILES A LITTLE SOUTH OF DUE EAST FROM SAVANNAH GEORGIA.

DUKE

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY CAPE HATTERAS WEATHER BUREAU AT 12 NOON EST SEPTEMBER 19, 1961.

THE EYE OF SEVERE HURRICANE ESTHER IS NOW ABOUT 300 MILES SOUTHEAST OF CAPE HATTERAS AND RAIN SQUALLS ON THE NORTHWEST SIDE ARE AS NEAR AS 50 MILES. GALE FORCE WINDS FROM THE NORTHEAST ARE EXPECTED TO STRIKE THE OUTER BANKS BY MID AFTERNOON OR EARLY EVENING GRADUALLY INCREASING TO HURRICANE FORCE BY MIDNIGHT. THIS IS AN EXTREMELY DANGEROUS HURRICANE WITH SUSTAINED WINDS OF 150 MPH WITH HIGHER GUSTS NEAR THE CENTER. THE DURATION OF HURRICANE AND GALE FORCE WINDS ON THE OUTER BANKS COULD LAST AS LONG AS 36 HOURS WITH THE PATH OF THE EYE PASSING NOT FAR FROM CAPE HATTERAS. TIDES ARE EXPECTED TO REACH FROM 6 TO 8 FEET ABOVE NORMAL AT THE HEIGHT OF THE STORM. ALL RESIDENTS ARE ADVISED TO TAKE SAFE SHELTER IMMEDIATELY AS ROADS LEADING OFF THE BANKS MAY BE FLOODED AND IMPASSABLE BY THIS EVENING. ROADS ARE STILL OPEN ALTHOUGH THERE IS 3 INCHES OF WATER ON THE HIGHWAY FOR A SHORT DISTANCE NORTH OF AVON. XXXXX KEEP POSTED ON LATEST ADVISORIES AND BULLETINS.

WILLIAMS

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY WILMINGTON DELAWARE WEATHER BUREAU AT 1230 EDT SEPTEMBER 19, 1961.

HURRICANE WARNINGS ARE DISPLAYED FROM CHERRY POINT NORTH CAROLINA TO THE VIRGINIA CAPES. A HURRICANE WATCH EXTENDS TO CAPE MAY NEW JERSEY. THIS INCLUDES COASTAL DELAWARE. GALE WARNINGS ARE DISPLAYED OVER ALL OF CHESAPEAKE BAY AND DELAWARE BAY.

PERSONS IN LOW AND EXPOSED AREAS ESPECIALLY THOSE IN TENTS AND TRAILERS IN THE REHOBOTH-INDIAN RIVER INLET SHOULD BE READY TO TAKE QUICK ACTION IN THE EVENT A HURRICANE WARNING IS ISSUED FOR DELAWARE. KEEP POSTED CONCERNING THE LATEST ADVISORY AND WATCH RISING TIDES TO INSURE YOU ARE NOT TRAPPED. TIDES TONIGHT WILL INCREASE TO 4-8 OR MORE FEET ABOVE NORMAL.

HURRICANE ESTHER AT 12 NOON WAS LOCATED 31.3 NORTH AND 72.4 WEST OR 500 MILES EAST OF SAVANNAH AND IS MOVING NORTHWEST OR NORTH NORTHWEST ABOUT 13 MPH. ESTHER SHOULD BE NOT FAR FROM CAPE HATTERAS WEDNESDAY FORENOON.

HURRICANE ESTHER IS A VERY DANGEROUS STORM. MAXIMUM SUSTAINED WINDS NEAR THE CENTER ARE 150 MPH WITH HIGHER GUSTS. SQUALLS EXTEND OUTWARD FROM THE CENTER SOME 350 MILES.

ANDERSON

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY NORFOLK VIRGINIA WEATHER BUREAU AT 1PM SEPTEMBER 19, 1961

HURRICANE WARNINGS ARE DISPLAYED FROM CHERRY POINT NORTH CAROLINA TO THE VIRGINIA CAPES. GALE WARNINGS EXTEND NORTHWARD TO CAPE MAY NEW JERSEY. ESTHER IS A LARGE AND SEVERE HURRICANE. AT 11 AM TODAY THE HURRICANE CENTER WAS NEAR 31.3 N 72.4W. THIS IS APPROXIMATELY 350 MILES SOUTHEAST OF CAPE HATTERAS. THE CENTER IS MOVING NORTHWEST AT ABOUT 13 MPH. THIS MOVEMENT WILL BRING THE CENTER NEAR CAPE HATTERAS TOMORROW MORNING.

ESTHER CONTINUES TO BE A VERY SEVERE HURRICANE WITH MAXIMUM SUSTAINED WINDS OF 150 MPH NEAR THE CENTER AND HIGHER GUSTS IN SEVERE SQUALLS. GALES EXTEND OUTWARD 350 TO THE NORTHEAST. WINDS IN THE HAMPTON ROADS AREA WILL CONTINUE NORTHEAST 15 TO 25 MPH THIS AFTERNOON. WINDS WILL INCREASE DURING THE NIGHT TO GALE FORCE. THE FULL EFFECTS OF HURRICANE ESTHER WILL APPROACH DURING THE NIGHT AND BE FELT DURING THE DAY TOMORROW. THE NEXT HIGH TIDE IN THE HAMPTON ROADS AREA WILL OCCUR BETWEEN 4 AND 5 PM TODAY. IT WILL CAUSE MINOR FLOODING OF LOW LYING AREAS. THE FOLLOWING HIGH TIDE TOMORROW MORNING WILL BE MORE INFLUENCED BY ESTHER. AT PRESENT IT APPEARS THAT HIGH TIDES WEDNESDAY MORNING WILL BE ABOUT 4 FEET ABOVE NORMAL OR 6 TO 7 FEET ABOVE MEAN LOW WATER BETWEEN 5 AND 7 AM. THIS WILL CAUSE FLOODING AND NECESSITATE REROUTING OF TRAFFIC IN SOME AREAS.

THE PRECISE EFFECT OF ESTHER ON THE HAMPTON ROADS AREA WILL DEPEND ON WHETHER WE REMAIN EAST OR WEST OF THE CENTER WHEN IT PASSES NEAR THIS AREA. WINDS AND FLOODING COULD BE FAR MORE SEVERE THAN EXPERIENCED DURING DONNA LAST YEAR. SPECIAL PRECAUTIONS SHOULD BE MADE BY BOAT OWNERS AND OWNERS OF HOUSE TRAILERS IN EXPOSED OR LOW AREAS. ALL PRECAUTIONS SHOULD BE MADE BEFORE DARK TODAY IF POSSIBLE.

SACHSE

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY BYRD FIELD RICHMOND VIRGINIA WEATHER BUREAU AT 1:40 PM EST SEPTEMBER 19, 1961

REFERENCE IS MADE TO THE LATEST HURRICANE ESTHER ADVISORY NO 28 AND 1130 EST LOCAL AND CENTRAL VIRGINIA AC FORECASTS DANGEROUS WINDS AND TIDES ARE NOT...REPEAT ARE NOT...EXPECTED TO REACH THE VIRGINIA COAST UNTIL LATE TONIGHT OR EARLY TOMORROW MORNING. HOWEVER PREPARATION FOR PROTECTION OF PROPERTY IN SOUTHEASTERN AND EASTERN VIRGINIA SHOULD BE FURTHERED DURING THIS AFTERNOON AND EVENING.

WINDS IN CENTRAL VIRGINIA AND IN THE LOCAL RICHMOND AREA WILL NOT INCREASE ABOVE 20 MPH THIS AFTERNOON BUT GRADUALLY INCREASE TONIGHT WITH HEAVY RAIN BEGINNING. WINDS TONIGHT ARE NOT LIKELY TO EXCEED 35 MPH. TOMORROW EASTERLY WINDS IN THE LOCAL AREA AND CENTRAL VIRGINIA WILL BE SUSTAINED NEAR 40 MPH WITH GUSTS POSSIBLE ABOVE 50 MPH SO SOME PROTECTIVE MEASURES SHOULD BE UNDERTAKEN THIS AFTERNOON SUCH AS TYING DOWN LOOSE OBJECTS.

THE WINDS FORECAST FOR TOMORROW ARE CAPABLE OF SOME DAMAGE RESULTING FROM TREE LIMB BREAKAGE AND POSSIBLE DOWNING OF SOME TREES WHERE THE GROUND IS SOFTENED BY RAIN. SOME PROTECTION MAY BE NECESSARY FOR LARGE PLATE GLASS WINDOWS IN SOME DOWNTOWN BUILDINGS THAT HAVE BEEN SUSCEPTIBLE TO WIND DAMAGE IN THE PAST. CENTRAL VIRGINIA AGRICULTURAL INTERESTS SHOULD TAKE PROTECTIVE MEASURES FOR LIVESTOCK AGAINST THE STRONG WINDS AND RAIN EXPECTED TOMORROW...WHICH IS WEDNESDAY.

HARDEN

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY WILMINGTON NORTH CAROLINA XXXXX PM EST TUESDAY SEPTEMBER 19, 1961

EMERALD ISLE NORTHWARD TO VIRGINIA CAPES. THE OUTER FRINGES OF HURRICANE ESTHER ARE NOW REACHING THE EXTREME EAST COAST OF NORTH CAROLINA WITH WINDS NEAR 40 MPH AND RAIN SQUALLS ARE NOW OCCURRING. THE WINDS WILL INCREASE STEADILY THROUGH THE NIGHT. SAFETY PRECAUTIONS SHOULD BE RUSHED AND EVACUATION SHOULD BE COMPLETED IN THE NEXT FEW HOURS AS TIDES ARE RISING AND FLOODING OF THE LOW LYING AREA IS OCCURRING AND WILL SOON CUT OFF THE ESCAPE ROUTES. TIDES ARE EXPECTED TO REACH 6 TO 8 FEET IN MOST AREAS FROM EMERALD ISLAND NORTHWARD.

DUKE

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY CAPE HATTERAS WEATHER BUREAU AT 3:00 PM EST SEPTEMBER 19, 1961.

HURRICANE ESTHER CONTINUES TO MOVE SLOWLY NORTHWESTWARD AT ABOUT 13 MPH. IT IS CENTERED ABOUT 290 MILES SOUTHEAST OF CAPE HATTERAS. RADAR INDICATES THAT THE NEAREST POINT OF THE LARGE RAIN AREA IS 45 MILES SOUTHEAST OF THE CAPE. GALE FORCE WINDS ARE EXPECTED TO BEGIN ON THE OUTER BANKS BY EVENING AND INCREASE TO HURRICANE FORCE LATE TONIGHT. TIDES ARE NOW RUNNING ABOUT 2 FEET ABOVE NORMAL BUT ARE EXPECTED TO RISE TO 6 TO 8 FEET ABOVE NORMAL AT THE HEIGHT OF THE STORM EARLY WEDNESDAY. THIS OFFICE HAS BEEN ADVISED THAT ABOUT 75 PERCENT OF THE NATIVE POPULATION IN THE VILLAGES OF RODANTHE AVON AND HATTERAS. ALL ON HATTERAS ISLAND HAVE EVACUATED TO HIGHER GROUND AND EVACUATION IS CONTINUING. THIS IS A LARGE AND VERY DANGEROUS HURRICANE AND ALL INTEREST IN EXTREME EASTERN NORTH CAROLINA ARE CAUTIONED TO TAKE THE NECESSARY PRECAUTIONS FOR THE PROTECTION OF LIFE AND PROPERTY. STAY TUNED TO THE LATEST WEATHER BUREAU ADVISORIES AND BULLETINS.

WILLIAMS.

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY NORFOLK VIRGINIA WEATHER BUREAU AT 3PM EST SEPTEMBER 19, 1961.

BASED ON THE LATEST POSITION AND MOVEMENT OF HURRICANE ESTHER INDICATES INCREASING NORTHEASTERLY WILL PREVAIL OVER THE AREA UNTIL AFTER NORMAL HIGH TIDE TIMES WEDNESDAY MORNING. THIS WILL BUILD TIDES TO 5 TO 6 FEET ABOVE NORMAL OREGON INLET SOUTHWARD TO HATTERAS OR 8 TO 9 FEET ABOVE MEAN LOW WATER AROUND 3AM AND SINCE ESTHER WILL STILL BE APPROACHING THE HATTERAS AREA FOR 4 OR MORE HOURS AFTER THAT TIME TIDES WILL REMAIN ABNORMALLY HIGH AND BE ATTENDED BY VERY ROUGH SURF AND PLUNGING BREAKERS UNTIL AFTER THE HURRICANE CENTER MOVES NORTH OF THE HATTERAS AREA LATITUDE. TIDE LEVELS 3 TO 4 AM OREGON INLET NORTH TO CAPE HENRY WILL REACH ABOUT 4 TO 5 FEET ABOVE NORMAL, OR 8 TO 9 FEET ABOVE MEAN LOW WATER WHILE LEVELS CAPE CHARLES TO WALLOPS ISLAND AROUND 4AM WILL HAVE BUILT TO 3 OR 4 FEET ABOVE NORMAL SURF AND BREAKERS WILL CONTINUE TO ROUGHEN AND BUILD HIGHER DURING THE FORENOON HOURS ALONG THE VIRGINIA COAST. WATER LEVELS ALONG THE WESTERN SHORES OF ALBEMARLE AND PAMLICO SOUNDS AND THE ESTUARIES WILL BUILD TO 5 TO 6 FEET ABOVE NORMAL AS NORTHEASTERLY WINDS CONTINUE TO INCREASE TO GALE AND POSSIBLE HURRICANE FORCE LATE TONIGHT AND WEDNESDAY FORENOON. TIDES IN THE HAMPTON ROADS HARBOR AREA BETWEEN 5 AND 7 AM WILL AVERAGE AROUND 4 FEET ABOVE NORMAL OR 6 TO 7 FEET ABOVE MEAN LOW WATER MARK CAUSING FLOODING AND NECESSITATE REROUTING OF TRAFFIC IN SOME AREAS. TIDAL RISES WILL OCCUR UP THE JAMES AND YORK RIVER POSSIBLY REACHING 5 FEET ABOVE NORMAL AT WEST POINT VIRGINIA BY 7 AM WEDNESDAY. BOAT OWNERS AND PERSONS LIVING IN TRAILERS IN LOW LYING AREAS AS WELL AS PROPERTY OWNERS OF PLACES SUBJECT TO FLOODING SHOULD TAKE ALL PRECAUTIONARY MEASURES POSSIBLE TO SAFE GUARD THIS PROPERTY TODAY.

HUSTEAD

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY NORFOLK VIRGINIA WEATHER BUREAU AT 3 PM SEPTEMBER 19, 1961.

AT 2 PM TODAY HURRICANE ESTHER WAS CENTERED NEAR LAT 31.6 N AND LONG. 72.9 W WHICH IS ABOUT 300 MILES SOUTHEAST OF CAPE HATTERAS. THE OUTER FRINGES OF HURRICANE ESTHER ARE NOW BEGINNING TO EFFECT THE EXTREME EASTERN COAST OF NORTH CAROLINA WITH WINDS OF 40 MPH RISING TIDES AND VERY ROUGH SEAS.

HURRICANE WARNINGS ARE DISPLAYED FROM CHERRY POINT CAROLINA TO THE VIRGINIA CAPES. GALE WARNINGS ARE DISPLAYED AND A HURRICANE WATCH IS IN EFFECT ELSEWHERE FROM MYRTLE BEACH SOUTH CAROLINA TO CAPE MAY NEW JERSEY INCLUDING ALL OF CHESAPEAKE BAYS.

HURRICANE ESTHER IS A LARGE AND A DANGEROUS STORM WITH WINDS OF 150 MPH NEAR ITS CENTER. THE CENTER CONTINUES TO MOVE NORTHWEST-TOWARD CAPE HATTERAS AT ABOUT 13 MPH. HURRICANE WINDS WILL REACH THE NORTH CAROLINA COAST THIS EVENING AND SPREAD NORTHWARD DURING THE NIGHT. HEAVY RAINS WILL SPREAD THROUGH THE CENTRAL ATLANTIC STATES DURING THE NIGHT AND TOMORROW. FLOODING IS EXPECTED IN LOW AREAS TOMORROW.

BOAT OWNERS PERSONS LIVING IN HOUSE TRAILERS AND OWNERS OF PROPERTY SUBJECT TO FLOODING OR WIND DAMAGE SHOULD TAKE ALL PRECAUTIONS POSSIBLE DURING THE DAY TODAY.

WHILE THE EXACT LOCATION OF ESTHERS PATH IN RELATION TO THE HAMPTON ROADS AREA WHCN THE HURRICANE PASSES TOMORROW IS AS YET UNCERTAIN THERE IS A SERIOUS THREAT OF EXTREMELY HIGH WINDS AND TIDES.

TIDES OREGON INLET TO HATTERAS ON THE OCEAN SIDE WILL CONTINUE TO BUILD THIS AFTERNOON AND TONIGHT AND AT TIME OF NORMAL HIGH WATER AROUND 3 AM HEIGHTS WILL AVERAGE 5 OR 6 FEET ABOVE NORMAL OR 8 TO 9 FEET ABOVE MEAN LOW WATER ATTENDED BY HEAVY SURF AND PLUNGING BREAKERS. ESTHER WILL STILL BE APPROACHING HATTERAS ISLAND FOR FOUR OR MORE HOURS AFTER THAT TIME SO WATER LEVELS WILL CONTINUE ABNORMALLY HIGH UNTIL THE CENTER REACHES A POINT NORTH OF THE LATITUDE OF HATTERAS.

TIDES ON OCEAN SIDE OF THE EASTERN SHORE OF VIRGINIA INCLUDING WALLOPS ISLAND WILL REACH 3 TO 4 FEET ABOVE NORMAL ON THE EARLY MORNING TIDE WEDNESDAY AROUND 4 AM. THIS IS 5 1/2 TO 6 FEET ABOVE MEAN LOW WATER.

TIDES IN HAMPTON ROADS HARBOR WEDNESDAY MORNING BETWEEN 5 AND 7 AM WILL AVERAGE AROUND 4 FEET ABOVE NORMAL OR 6 TO 7 FEET ABOVE MEAN LOW WATER AND WILL CAUSE FLOODING AND NECESSITATE REROUTING OF TRAFFIC IN SOME AREAS. HEAVY SURF WILL BE POUNDING AT VIRGINIA BEACH LATE TONIGHT AND WEDNESDAY.

HAGGARD

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY FRIENDSHIP AIRPORT BALTIMORE MD WEATHER BUREAU AT 3PM EDT SEPTEMBER 19, 1961.

AT 3PM HURRICANE ESTHER WAS CENTERED NEAR LAT 31.6 NORTH AND LONG. 72.9 WEST OR A LITTLE LESS THAN 300 STATUTE MILES SOUTHEAST OF CAPE HATTERAS. THE OUTER FRINGES OF HURRICANE ESTHER ARE NOW REACHING THE EXTREME EAST COAST OF NORTH CAROLINA WHERE SOME WINDS OF 40 MPH ARE ALREADY OCCURRING WITH RISING TIDES AND VERY ROUGH SEAS. HURRICANE WARNINGS ARE DISPLAYED FROM CHERRY POINT NORTH CAROLINA TO THE VIRGINIA CAPES. GALE WARNINGS ARE DISPLAYED AND A HURRICANE WATCH IS IN EFFECT ELSEWHERE FROM MYRTLE BEACH SOUTH CAROLINA TO CAPE MAY NEW JERSEY INCLUDING ALL OF THE CHESAPEAKE AND DELAWARE BAYS.

HURRICANE ESTHER A LARGE AND DANGEROUS STORM WITH WINDS UP TO 150 MPH NEAR ITS CENTER CONTINUES MOVING IN THE GENERAL DIRECTION OF CAPE HATTERAS ABOUT 13 MPH.

THE HURRICANE WATCH IN DELAWARE AND EASTERN MARYLAND MEANS THAT INTERESTS IN THIS AREA SHOULD BE ALERT FOR THE PROBABILITY OF WINDS INCREASING TO GALE FORCE OR HIGHER RAINS BEGINNING AND BECOMING HEAVY AFTER MIDNIGHT TONIGHT AND ON WEDNESDAY AND FOR THE DEVELOPMENT OF HIGH TIDES. THIS STORM IS STILL TOO FAR AWAY FOR ANY DEFINITE STATEMENTS ON EXACT CONDITIONS WHICH MAY DEVELOP IN MARYLAND AND DELAWARE. ALL INTERESTS SHOULD BE ALERT FOR LATER ADVICES ON THIS HURRICANE WHICH WILL BE ISSUED AS LONG AS A THREAT TO THIS REGION EXISTS.

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY NORFOLK VIRGINIA WEATHER BUREAU AT 6PM SEPTEMBER 19, 1961

HURRICANE ESTHER IS NOW LOCATED ABOUT 230 MILES SOUTHEAST OF CAPE HATTERAS. THE HURRICANE IS MOVING NORTHNORTHWEST AT ABOUT 15 MPH. WINDS OF 130 MPH ARE ESTIMATED NEAR THE STORM CENTER WITH HIGHER GUSTS IN SQUALLS. ESTHER IS FORECAST TO CONTINUE NORTHNORTHWEST AT ABOUT 15 MPH. INCREASING WIND AND RAIN WILL SPREAD SLOWLY NORTHWARD AND INLAND DURING THE NIGHT. HEAVY RAINS AND INCREASING WINDS MAY BE EXPECTED HERE. GALE WINDS WEDNESDAY MORNING AND HURRICANE FORCE WEDNESDAY AFTERNOON ARE EXPECTED IN THE HAMPTON ROADS AREA.

TIDES IN THE HAMPTON ROADS HARBOR WILL AVERAGE 4 FEET ABOVE NORMAL ON THE WEDNESDAY MORNING HIGH TIDE- THIS IS 6 TO 7 FEET ABOVE MEAN LOW WATER. SOME FLOODING WILL RESULT AND REROUTING OF TRAFFIC IN SOME AREAS MAY BE NECESSARY. HURRICANE WARNINGS ARE DISPLAYED. INCREASING NORTHEAST WINDS DURING THE NIGHT WILL REACH GALE FORCE BY MORNING AND HURRICANE FORCE DURING THE DAY WEDNESDAY. ALL PRECAUTIONS SHOULD BE COMPLETED FOR HURRICANE CONDITIONS EXPECTED ON WEDNESDAY.

ACK

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY BOSTON MASS WEATHER BUREAU AT 6PM EDT SEPTEMBER 19, 1961.

A HURRICANE WATCH HAS BEEN ORDERED FOR THE MASSACHUSETTS AND RHODE ISLAND COASTS AT 8 PM EDT TONIGHT. AT 5PM HURRICANE ESTHER WAS LOCATED 240 MILES SOUTHEAST OF CAPE HATTERAS MOVING NORTH NORTHWEST WARD AT 15 MILES PER HOUR WITH SOME INDICATION IT WILL TAKE MORE OF A NORTHERLY COURSE ON WEDNESDAY. THIS PATH WILL BRING THE HURRICANE CLOSE TO THE SOUTHERN NEW ENGLAND COAST LATE WEDNESDAY. WINDS AND TIDES WILL BE RISING ON WEDNESDAY WITH GALES AND POSSIBLY HURRICANE WINDS BY LATE WEDNESDAY. PERSONS ALONG THE MASSACHUSETTS AND RHODE ISLAND COAST SHOULD BEGIN PREPARATION TO PROTECT LIFE AND PROPERTY AT THIS TIME AND EVACUATE TO HIGHER GROUND IN THE EVENT HURRICANE WARNINGS ARE DISPLAYED ON WEDNESDAY.

PIERCE

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY NORFOLK VIRGINIA WEATHER BUREAU AT 7 PM SEPTEMBER 19, 1961.

HURRICANE WARNINGS CONTINUE DISPLAYED FROM CHERRY POINT NORTH CAROLINA NORTHWARD TO THE VIRGINIA CAPES AND GALE WARNINGS AND A HURRICANE WATCH NOW EXTENDS NORTHWARD TO BLOCK ISLAND RHODE ISLAND.

HURRICANE ESTHER IS NOW CENTERED ABOUT 200 MILES SOUTHEAST OF HATTERAS AND IT CONTINUES TO MOVE TOWARDS THE NNW ABOUT 15 MPH. THE CENTER IS EXPECTED TO PASS JUST TO THE EAST OF HATTERAS EARLY WEDNESDAY MORNING. THE NORTHEAST WINDS NOW IN THE HAMPTON ROADS AREA ARE EXPECTED TO SLOWLY INCREASE TO GALE FORCE BY MORNING AND TO INCREASE TO HURRICANE FORCE DURING THE DAY ON WEDNESDAY. WINDS ON THE OUTER BANKS OF NORTH CAROLINA WILL INCREASE SOONER.

THE NEXT HIGH TIDE IN HAMPTON ROADS HARBOR WILL OCCUR BETWEEN 5 AND 7 AM TOMORROW AND WILL PROBABLY RUN ABOUT 4 FEET ABOVE NORMAL OR 6 TO 7 FEET ABOVE THE MEAN LOW WATER MARK AND THIS WILL CAUSE FLOODING OF SOME LOW-LYING AREAS. IF YOU ARE IN THE AREA THAT IS SUBJECT TO TIDAL FLOODING YOU SHOULD GET TO HIGHER GROUND AS SOON AS POSSIBLE ALSO BE SURE THAT YOUR CAR IS NOT PARKED TONIGHT IN AN AREA THAT IS SUBJECT TO TIDAL FLOODING.

REV. FRANK B. DINWIDDIE WEATHER BUREAU COOPERATIVE OBSERVER AT NAGS HEAD NORTH CAROLINA REPORTS THAT THE SEA SWELLS THERE NOW HAVE A PERIOD OF 19 SECONDS. THIS INDICATES STRONG WINDS OUT TO SEA. BREAKERS THERE ARE NOW ABOUT 20 FEET HIGH AND SOME MINOR FLOODING HAS ALREADY OCCURRED THERE.

SACHSE

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY EAST BOSTON AIRPORT STATION WEATHER BUREAU AT 7 PM EST SEPTEMBER 19, 1961.

A HURRICANE WATCH HAS BEEN ORDERED FOR THE MASSACHUSETTS AND RHODE ISLAND COASTS AT 8 PM EDT TONIGHT. AT 5 PM HURRICANE ESTHER WAS LOCATED 240 MILES SOUTHEAST OF CAPE HATTERAS MOVING NORTH NORTHWESTWARD AT 15 MILES PER HOUR WITH SOME INDICATION IT WILL TAKE MORE OF A NORTHERLY COURSE ON WEDNESDAY. THIS PATH WILL BRING THE HURRICANE CLOSE TO THE SOUTHERN NEW ENGLAND COAST LATE WEDNESDAY. WINDS AND TIDES WILL BE RISING ON WEDNESDAY WITH GALES AND POSSIBLY HURRICANE WINDS BY LATE WEDNESDAY. PERSONS ALONG THE MASSACHUSETTS AND RHODE ISLAND COAST SHOULD BEGIN PREPARATION TO PROTECT LIFE AND PROPERTY AT THIS TIME AND EVACUATE TO HIGHER GROUND IN THE EVENT HURRICANE WARNINGS ARE DISPLAYED ON WEDNESDAY.

PIERCE

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY CAPE HATTERAS WEATHER BUREAU OFFICE AT 730 PM EST SEPTEMBER 19, 1961.

DURING THE PAST SEVERAL HOURS HURRICANE ESTHER HAS BEEN MOVING TOWARD THE NORTHNORTHWEST WITH A SLIGHT INCREASE IN FORWARD SPEED TO 15 MPH. THE CENTER OF THE STORM IS NOW ABOUT 200 MILES SOUTHEAST OF CAPE HATTERAS. NO CHANGE IN MOVEMENT WOULD PLACE THE TRACK OF THE CENTER OF THE STORM TO THE EAST OF HATTERAS. HOWEVER GALE FORCE WINDS SHOULD BEGIN BEFORE MIDNIGHT INCREASING TO HURRICANE FORCE DURING THE EARLY MORNING HOURS ON THE OUTER BANKS INCLUDING DARE AND HYDE COUNTIES. AS WINDS INCREASE IN SPEED DIRECTION WILL BACK FROM NORTHEAST TO NORTH AND NORTHWEST AS THE STORM MOVES NORTHWARD PAST THIS LATITUDE. SEA TIDES ARE RUNNING A LITTLE OVER 3 FEET ABOVE NORMAL AND COULD RISE TO 6 TO 8 FEET ABOVE NORMAL DURING HURRICANE WINDS. ALL INTERESTS ARE ADVISED TO REMAIN ON THE ALERT. KEEP TUNED TO LATEST ADVISORIES AND BULLETINS.

WILLIAMS

U.S. WEATHER BUREAU RICHMOND VA. SEPTEMBER 19, 1961, 750 PM EST WEATHER STATEMENT NO 3

HURRICANE ESTHER CONTINUES TO MOVE NORTH NORTHWESTWARD AT ABOUT 15 MPH AND HURRICANE WARNINGS REMAIN IN EFFECT FOR THE VA CAPES AND GALE WARNINGS NORTHEASTWARD OVER THE REMAINDER OF THE VA COASTLINE. THE EFFECTS OF THIS STORM WILL BEGIN TO BE FELT ALONG THE SOUTHEAST VA COAST LATE TONIGHT AND EARLY WEDNESDAY MORNING. . . . WINDS WILL INCREASE RAPIDLY DURING THE NIGHT. ANY PRECAUTIONS NOT ALREADY MADE SHOULD BE TAKEN IMMEDIATELY ALL ALONG THE VA COASTLINE.

THE RICHMOND PETERSBURG AND HOPEWELL ARE AND CENTRAL VIRGINIA IN GENERAL WILL NOT EXPERIENCE NEARLY AS STRONG WINDS AS ALONG THE COAST BUT ALL LOOSE OBJECTS SHOULD BE TIED DOWN OR STORED IN SAFE PLACES. CENTRAL VA AGRICULTURAL INTERESTS SHOULD TAKE PROTECTIVE MEASURES FOR LIVESTOCK. LITTLE OR NO WIND DAMAGE IS EXPECTED IN THE RICHMOND AND CENTRAL VIRGINIA AREAS TONIGHT BUT TOMORROW SOME PLATE GLASS MAY BE BROKEN AND SOME TREES DOWNED. THE CHIEF THREAT TOMORROW WILL BE FROM HEAVY RAINS WHICH MAY FLOOD LOW LYING AREAS.

FOLLANSBEE

LOCAL STATEMENT ON HURRICANE ESTHER CHARLESTON WEATHER BUREAU 850 PM SEPTEMBER 19, 1961.

IT NOW APPEARS THAT THE CHARLESTON AREA IS IN THE CLEAR AS FAR AS HURRICANE ESTHER IS CONCERNED BUT A HURRICANE WATCH AND GALE WARNINGS ARE IN EFFECT ALONG THE SOUTH CAROLINA COAST NORTH OF MYRTLE BEACH. ALL CONCERNED ALONG THE SOUTH CAROLINA BEACHES NORTH OF CHARLESTON SHOULD KEEP POSTED ON FUTURE ADVISORIES UNTIL THE STORM PASSES WELL TO THE NORTH OF HATTERAS.

THE SEA IS BECOMING ROUGH ALONG THE SOUTH CAROLINA COAST AND SMALL CRAFT SHOULD REMAIN IN PORT TODAY AND OCEAN GOING SHIPS SHOULD SET A COURSE TO AVOID THIS STORM. COASTAL WINDS MYRTLE BEACH TO LITTLE RIVER REAS AS HIGH AS 45 TO 50 MPH DURING THE NIGHT DIMINISHING RAPIDLY INLAND.

HEAVY SURF AND STRONG CURRENTS ALONG SOUTH CAROLINA SHORE WILL MAKE SWIMMING DANGEROUS THIS AFTERNOON AND FOR 36 TO 48 HOURS AFTER THE PASSAGE OF THE STORM. TIDE WILL BE ONE TO TWO FEET ABOVE NORMAL WITH MINOR FLOODING IN LOW PLACES AT THIS AFTERNOON HIGH TIDE AND ALONG HORRY COUNTY BEACHES FIRST TIDE TOMORROW BUT AFTER THAT NORMAL CONDITIONS WILL BE RESUMED.

CUMMINGS

LOCAL STATEMENT ON HURRICANE ESTHER 9PM SEPT 19, 1961 US DEPT OF COMMERCE WEATHER BUREAU NORFOLK VA.

HURRICANE ESTHER IS NOW CENTERED ABOUT 180 MILES SOUTHEAST OF HATTERAS NEAR LATITUDE 33.4 NORTH LONGITUDE 73.4 WEST. IT IS EXPECTED TO PASS JUST TO THE EAST OF HATTERAS EARLY WEDNESDAY.

WINDS IN THE HAMPTON ROADS AREA ARE EXPECTED TO SLOWLY INCREASE TO GALE FORCE BY MORNING AND TO REACH HURRICANE FORCE DURING THE DAY TOMORROW. WINDS ON THE OUTER BANKS OF NORTH CAROLINA WILL INCREASE SOONER.

THE NEXT HIGH TIDE IN THE HAMPTON ROADS AREA WILL OCCUR BETWEEN 5 AND 7 AM TOMORROW AND WILL PROBABLY RUN ABOUT 4 FEET ABOVE NORMAL OR 6 TO 7 FEET ABOVE THE MLW. THIS WILL MEAN FLOODING OF SOME LOW LYING AREAS. TIDES SOUTHWARD ALONG THE OUTER BANKS TOWARDS HATTERAS WILL PROBABLY BUILD TO 5 TO 6 FEET ABOVE NORMAL BY MORNING.

THE FIRST SIGNIFICANT INDICATION OF INCREASING WINDS ALONG THE COAST HAS BEEN REPORTED BY DIAMOND SHOALS LIGHTSHIP JUST OFF HATTERAS. AT 7 PM THAT COAST GUARD SHIP REPORTED INCREASING WINDS FROM THE ENE HAD REACHED A SUSTAINED 37 MPH.

PRECAUTIONS FOR HURRICANE WINDS AND TIDAL FLOODING OF LOW LYING AREAS SHOULD BE COMPLETED BEFORE MORNING SINCE THE WINDS WILL PROBABLY BE STRONG AND INCREASING BY THAT TIME.

US WEATHER BUREAU GREATER WILMINGTON AIRPORT WILMINGTON DEL 9:30 PM EST SEPTEMBER 19 1961.

AT TEN PM EDT HURRICANE ESTHER WAS CENTERED ABOUT 175 MILES SOUTHEAST OF CAPE HATTERAS N. C. AND MOVING TOWARD THE NORTH NORTHWEST AT ABOUT 15 MPH. GALES EXTEND OUTWARD 350 MILES FROM THE CENTER EXCEPT SOME 200 MILES IN THE SOUTHWEST QUADRANT.

HURRICANE WARNINGS REMAIN DISPLAYED FROM CHERRY POINT N. C. TO THE VIRGINIA CAPES AND A HURRICANE WATCH NORTHWARD TO THE MASSACHUSETTS COAST. GALE WARNINGS ARE DISPLAYED ELSEWHERE NORTH OF WILMINGTON N. C. TO PORTSMOUTH N. H.

COASTAL DELAWARE IS IN THE HURRICANE WATCH AREA AND GALES WARNINGS ARE HOISTED OVER THE DELAWARE BAY. PERSONS IN THE AREA OF HURRICANE WATCH SHOULD BE READY TO TAKE PROMPT ACTION IN THE EVENT A HURRICANE WARNING IS ISSUED, PERSONS IN THE INDIAN RIVER-REHOBETH AREA LIVING IN TENTS AND TRAILERS AND OTHERS IN LOW AREAS SUBJECT TO FLOODING SHOULD WATCH FOR RISING TIDES TONIGHT TO AVOID BEING CUT OFF FROM EXIT ROADS. TIDES MAY REACH 4 TO 8 FEET ABOVE NORMAL ALONG THE COAST TOMORROW. HEAVY RAINS AND GALE FORCE WINDS WILL ACCOMPANY THIS STORM.

ANDERSON

US WEATHER BUREAU FRIENDSHIP AIRPORT BALTIMORE MD 9 PM EDT SEPT 19 1961.

AT NINE PM EDT HURRICANE ESTHER WAS CENTERED ABOUT 200 MILES TO THE SOUTHEAST OF CAPE HATTERAS AND MOVING TOWARDS THE NORTH NORTHWEST ABOUT 15 MPH. THE GALES ASSOCIATED WITH THIS STORM EXTEND OUTWARD ABOUT THREE HUNDRED AND FIFTY MILES IN MOST DIRECTIONS.

THIS IS STILL A LARGE AND VERY DANGEROUS HURRICANE WITH WINDS OF ONE HUNDRED AND THIRTY MILES PER HOUR NEAR THE CENTER. HURRICANE WARNINGS ARE POSTED FROM CHERRY POINT N C TO THE VIRGINIA CAPES AND A HURRICANE WATCH AND GALE WARNINGS NOW COVER THE COAST TO NEW ENGLAND INCLUDING THE CHESAPEAKE BAY AND DELAWARE BAY. RESIDENTS OF THE COASTAL AREA TO THE NORTH OF THE VIRGINIA CAPES SHOULD BE ALERT FOR QUICK ACTION IN CASE IT BECOMES NECESSARY TO ISSUE HURRICANE WARNINGS.

AS THE HURRICANE APPROACHES THE MARYLAND LATITUDES ON WEDNESDAY WINDS WILL INCREASE TO GALE FORCE THE RAINS WILL BECOME HEAVY AND TIDES WILL BE ABOVE NORMAL MAINLY TO THE EAST OF THE CHESAPEAKE BAY.

ALL INTERESTS ALONG THE ATLANTIC COAST FROM WILMINGTON NORTH CAROLINA NORTHWARD SHOULD KEEP POSTED ON LATER ADVICES ON HURRICANE ESTHER.

WBAS NORFOLK VIRGINIA LOCAL STATEMENT ISSUED 0000 EST SEPTEMBER 20 1961 HURRICANE ESTHER.

HURRICANE ESTHER IS NOW LOCATED ABOUT 135 MILES SOUTHEAST OF CAPE HATTERAS MOVING NORTHNORTHWEST AT 16 MPH. THE HURRICANE CENTER IS UNDER OBSERVATION BY THE WEATHER BUREAU RADAR AT CAPE HATTERAS. STRONGEST WINDS ARE NORTHEAST OF THE HURRICANE EYE OVER THE ATLANTIC OCEAN.

PRESENT INDICATIONS ARE THAT THE HURRICANE CENTER WILL PASS EAST OF HATTERAS WEDNESDAY MORNING AND CONTINUE ON A COURSE A SHORT DISTANCE OFF THE ATLANTIC COAST.

WINDS IN THE HAMPTON ROADS AREA WILL SLOWLY INCREASE DURING THE NIGHT WITH GALES EXPECTED HERE DURING WEDNESDAY MORNING AND HURRICANE FORCE WINDS IN THE AFTERNOON. WINDS ALONG THE NORTH CAROLINA COAST WILL INCREASE SOONER.

THE MORNING TIDE HERE WILL RUN 4 FEET ABOVE NORMAL AT 5 TO 7 AM. LOCAL MINOR FLOODING IS EXPECTED. TIDES ALONG THE OUTER BANKS OF NORTH CAROLINA WILL RUN 5 TO 6 FEET ABOVE NORMAL WITH VERY HEAVY SURF.

HAGGARD

LOCAL STATEMENT ON HURRICANE ESTHER US DEPARTMENT OF COMMERCE WEATHER BUREAU NORFOLK VA 1 AM WEDNESDAY SEPTEMBER 20 1961.

HURRICANE ESTHER AT ONE O'CLOCK THIS MORNING WAS CENTERED ABOUT 250 MILES SOUTHEAST OF NORFOLK VIRGINIA MOVING NORTH NORTHWEST AT 16 MPH. THE HURRICANE EYE IS EXPECTED TO PASS A SHORT DISTANCE EAST OF CAPE HATTERAS WEDNESDAY MORNING AND CONTINUE ON A COURSE TOWARD THE NORTHNORTHWEST GRADUALLY BECOMING MORE NORTH.

STRONGEST WINDS OF 130 MPH ARE NORTHEAST OF THE HURRICANE CENTER. GALES EXTEND OUTWARD 350 MILES TO THE NORTHEAST OF THE CENTER AND 175 MILES TO THE WEST.

WINDS IN THE HAMPTON ROADS AREA WHICH ARE NOW RUNNING 20 MPH FROM THE NNE WITH GUSTS TO 32 MPH WILL SLOWLY INCREASE DURING THE NIGHT. GALE WINDS AND SHOWERS ARE EXPECTED DURING THE MORNING. HURRICANE WINDS WILL AFFECT THIS AREA WEDNESDAY AFTERNOON. THE HIGH TIDE AT 5 TO 7 AM WILL RUN 4 FEET ABOVE NORMAL WHICH IS 6 TO 7 FEET ABOVE THE MEAN LOW WATER MARK. LOCAL FLOODING IS EXPECTED.

HAGGARD

LOCAL TIDE STATEMENT WBAS NORFOLK VA. ISSUED 2 AM EST SEPT 20 1961.

HIGH TIDE IN DOWNTOWN NORFOLK AT 5 AM TODAY WILL CREST AT 4.5 FEET ABOVE MEAN LOW WATER OR 2 FEET ABOVE NORMAL AND WILL NOT CAUSE ANY FLOODING PROBLEM.

HUSTEAD

LOCAL STATEMENT ON HURRICANE ESTHER 2 AM WEDNESDAY SEPTEMBER 20 1961 US DEPARTMENT OF COMMERCE WEATHER BUREAU NORFOLK VIRGINIA.  
HURRICANE ESTHER IS LOCATED ABOUT 130 MILES SOUTHEAST OF CAPE HATTERAS AND ABOUT 240 MILES SOUTHEAST OF NORFOLK. THE HURRICANE IS MOVING TOWARD THE NNW AT ABOUT 15 MPH. THE HURRICANE CENTER IS BEING CONTINUOUSLY OBSERVED BY RADAR.

HIGHEST WINDS OF 130 MPH CONTINUE NEAR THE HURRICANE EYE. DIAMOND SHOALS LIGHTVESSEL OFF CAPE HATTERAS IS EXPERIENCING GALE WINDS AND 33 FOOT WAVES.

WINDS IN THE HAMPTON ROADS AREA WHICH ARE RUNNING 20 MPH WITH GUSTS TO 30 MPH FROM THE NNE WILL SLOWLY INCREASE DURING THE NIGHT AND EARLY MORNING. SHOWERS AND NNE GALES MAY BE EXPECTED HERE DURING THE MORNING WEDNESDAY.

THE PRESENT PATH WOULD BRING THE HURRICANE CENTER EAST OF BUT DANGEROUSLY NEAR THE HAMPTON ROADS AREA WEDNESDAY AFTERNOON.

HURRICANE WARNINGS REMAIN DISPLAYED FROM CHERRY POINT NORTH CAROLINA TO THE VIRGINIA CAPES. THE EARLY MORNING HIGH TIDE IN HAMPTON ROADS HARBOR AT 5 TO 7 AM WILL RUN 4 FEET ABOVE NORMAL 6 TO 7 FEET ABOVE THE MEAN LOW WATER MARK WITH LOCAL FLOODING.

LOCAL STATEMENT ON HURRICANE ESTHER 3 AM SEPTEMBER 20 1961 US DEPARTMENT OF COMMERCE WEATHER BUREAU NORFOLK VIRGINIA.

HURRICANE ESTHER IS LOCATED NEAR 34.5 NORTH LATITUDE AND 73.5 WEST LONGITUDE AT 3 AM. THIS IS ABOUT 225 MILES SOUTHEAST OF NORFOLK.

THE HURRICANE CENTER IS MOVING TOWARD THE NORTH NORTHWEST AT ABOUT 15 MPH AND IS BEING CONTINUOUSLY OBSERVED ON THE WEATHER BUREAU RADAR AT CAPE HATTERAS N.C. WINDS IN THE HAMPTON ROADS AREA WILL INCREASE SLOWLY DURING THE EARLY MORNING HOURS. SHOWER AND GALE WINDS ARE EXPECTED HERE DURING THE MORNING. THE PRESENT PATH WILL BRING THE STORM CENTER EAST OF BUT DANGEROUSLY NEAR THE HAMPTON ROADS AREA ON WEDNESDAY AFTERNOON. HURRICANE WARNINGS REMAIN DISPLAYED FROM CHERRY POINT N.C. TO THE VIRGINIA CAPES. THE LOCAL TIDE AT 5 AM TODAY IN DOWNTOWN NORFOLK WILL CREST AT 2 FEET ABOVE NORMAL OR 4.5 FEET ABOVE THE MEAN LOW WATER MARK. THIS WILL NOT CAUSE ANY SERIOUS FLOODING.

A LATER STATEMENT WILL BE MADE ON THE WEDNESDAY AFTERNOON TIDE WHEN THE EFFECT OF HURRICANE ESTHER ON THAT TIDE CAN BE MORE FULLY DETERMINED.

HEAVY SURF IS EXPECTED AT VIRGINIA BEACH DURING THE DAY WEDNESDAY WITH GALE WINDS AND SHOWERS DURING THE MORNING.

THE HIGHEST WINDS IN THE HAMPTON ROADS AREA MAY BE EXPECTED DURING THE AFTERNOON WEDNESDAY. ALL PRECAUTIONS AGAINST HURRICANE WINDS SHOULD BE COMPLETED.

HAGGARD

TIDE STATEMENT WBAS NORFOLK VIRGINIA SEPTEMBER 20 1961.

LOCAL TIDE STATEMENT SEPTEMBER 20 1961 0330E BASED ON HURRICANE ESTHER PASSING NORTH OF OUR LATITUDE ABOUT 60 TO 100 MILES EAST OF THE HAMPTON ROADS AREA ABOUT 2 PM TODAY THE WATER HEIGHTS IN THE HAMPTON ROADS HARBOR ARE EXPECTED TO REACH ABOUT SIX TO POSSIBLY SEVEN FEET ABOVE THE MEAN LOW WATER MARK. THIS LEVEL IS EXPECTED TO HOLD WITH ONLY MINOR VARIATIONS BETWEEN 2 PM AND 5 PM. THESE HEIGHTS WILL BE 3 TO 4 FEET ABOVE THE NORMAL TIDES OF THIS AFTERNOON. SOME FLOODING WILL OCCUR AND TRAFFIC WILL HAVE TO BE REROUTED IN SOME AREA.

HUSTEAD

LOCAL STATEMENT ON HURRICANE ESTHER 4 AM SEPTEMBER 20 1961 US DEPARTMENT OF COMMERCE WEATHER BUREAU NORFOLK VIRGINIA.

HURRICANE ESTHER IS LOCATED ABOUT 215 MILES SOUTHEAST OF NORFOLK AT 4 AM. THE HURRICANE CENTER IS MOVING TOWARD THE NORTH NORTHWEST AT 10 TO 15 MPH.

WINDS IN THE HAMPTON ROADS AREA WILL INCREASE SLOWLY DURING THE MORNING WITH SHOWERS AND GALE WINDS ON WEDNESDAY. NO SERIOUS FLOODING IS EXPECTED WITH THE MORNING HIGH TIDE.

TIDE HEIGHTS IN THE HAMPTON ROADS AREA THIS AFTERNOON ARE EXPECTED TO REACH 6 OR 7 FEET ABOVE THE MEAN LOW WATER WITH ONLY MINOR VARIATIONS BETWEEN 2 AND 5 PM. THESE HEIGHTS ARE 3 TO 4 FEET ABOVE NORMAL. SOME FLOODING WILL OCCUR AND TRAFFIC WILL REQUIRE REROUTING.

THE PRESENT PATH WILL BRING THE HURRICANE CENTER EAST OF NORFOLK THIS AFTERNOON. THIS AREA WILL BE NEAR THE ZONE OF HURRICANE WINDS. HURRICANE WARNINGS REMAIN DISPLAYED AND ALL PRECAUTIONS AGAINST HURRICANE WINDS SHOULD BE CONTINUED.

HAGGARD

LOCAL STATEMENT ON HURRICANE ESTHER 5 AM SEPTEMBER 20 1961 U S DEPARTMENT OF COMMERCE WEATHER BUREAU NORFOLK VIRGINIA.

THE CENTER OF HURRICANE ESTHER AT 5 AM IS LOCATED AT 34.7 NORTH LATITUDE AND 73.5 WEST LONGITUDE OR ABOUT 205 MILES SOUTHEAST OF NORFOLK. THE CENTER IS MOVING BETWEEN NORTH AND NORTH NORTHWEST AT ABOUT 12 MPH. HURRICANE RAINS ARE EVIDENT ON THE LOCAL RADAR WITHIN 70 MILES TO THE SOUTHEAST OF THE NORFOLK AIRPORT.

WINDS WILL INCREASE SLOWLY DURING THE MORNING REACHING GALE VELOCITY BY MID DAY. THE PRESENT PATH OF ESTHER WILL TAKE THE CENTER 60 TO 90 MILES EAST OF THE HAMPTON ROADS AREA DURING THIS AFTERNOON. THIS AREA WILL BE AT THE WESTERN EDGE OF THE HURRICANE FORCE WINDS. HURRICANE WARNINGS REMAIN DISPLAYED AND PRECAUTIONS SHOULD BE CONTINUED AGAINST HURRICANE WINDS.

TIDE HEIGHTS IN THE HAMPTON ROADS AREA THIS AFTERNOON ARE EXPECTED TO REACH 6 OR 7 FEET ABOVE MEAN LOW WATER WITH ONLY MINOR CHANGES IN LEVEL BETWEEN 2 AND 5 PM. THESE HEIGHTS ARE 3 TO 4 FEET ABOVE NORMAL HIGH TIDE. FLOODING WILL OCCUR AND SOME TRAFFIC REROUTING WILL BE NECESSARY.

WEATHER BUREAU WASHINGTON NATIONAL AIRPORT SEPTEMBER 20 1961 5:30 AM EDT. LOCAL STATEMENT FOR THE WASHINGTON AREA CONCERNING HURRICANE ESTHER.

THE FORECAST TRACK ON HURRICANE ESTHER WILL BRING THE CENTER NORTHWARD OFF THE EAST COAST ABOUT 130 MILES EAST OF WASHINGTON TONIGHT. THIS WILL KEEP OUR LOCAL AREA WELL TO THE WEST OF ANY SEVERE CONDITIONS. SPECIAL LOCAL BULLETINS WILL BE ISSUED IF THE HURRICANE SHOULD CHANGE COURSE SUFFICIENTLY TO ENDANGER THE WASHINGTON METROPOLITAN AREA.

SCHMIDT

LOCAL STATEMENT ON HURRICANE ESTHER AT 6 AM SEPTEMBER 20 1961 ISSUED BY U S DEPARTMENT OF COMMERCE WEATHER BUREAU NORFOLK VIRGINIA.

HURRICANE ESTHER IS LOCATED ABOUT 200 MILES SOUTHEAST OF NORFOLK. THE HURRICANE CENTER IS MOVING BETWEEN NORTHNORTHWEST AND NORTH AT ABOUT 12 MPH. HURRICANE RAINS ARE EVIDENT ON THE LOCAL RADAR TO WITHIN ABOUT 60 MILES SOUTHEAST OF THE NORFOLK AIRPORT. LIGHTER SHOWERS ARE WITHIN 20 MILES TO THE SOUTHEAST. THE PRESENT COURSE OF THE STORM IS EXPECTED TO CONTINUE WITH A GRADUAL TREND TOWARD A MORE NORTHERLY TRACK. THE HURRICANE CENTER IS EXPECTED TO PASS 60 TO 90 MILES EAST OF THE HAMPTON ROADS AREA DURING THE AFTERNOON TODAY.

WINDS WILL INCREASE SLOWLY DURING THE MORNING. SHOWERS AND GUSTY WINDS WIND VELOCITIES ARE EXPECTED TO REACH 40 TO 55 MPH THIS AFTERNOON WITH SQUALLY WEATHER.

HURRICANE WARNINGS REMAIN DISPLAYED FROM HATTERAS TO THE VIRGINIA CAPE. HURRICANE WINDS ASSOCIATED WITH THE EYE OF ESTHER WILL APPROACH VERY CLOSE TO THE HAMPTON ROADS AREA THIS AFTERNOON AND MAY BE EXPERIENCED HERE. EVERY PRECAUTION AGAINST HURRICANE WINDS AND RAIN SHOULD BE CONTINUED THROUGH THE DAY.

TIDES IN HAMPTON ROADS HARBOR THIS AFTERNOON WILL BE 3 TO 4 FEET ABOVE NORMAL OR 6 TO 7 FEET ABOVE MLW BETWEEN 2 AND 5 PM WITH FLOODING NECESSITATING TRAFFIC REROUTING.

HAGGARD

LOCAL STATEMENT WEATHER BUREAU OFFICE NEW YORK CITY 6 AM EDT SEPTEMBER 20 1961.

AT 6 AM EASTERN DAYLIGHT TIME HURRICANE ESTHER WAS CENTERED ABOUT 125 MILES EAST SOUTHEAST OF HATTERAS NORTH CAROLINA AND MOVING BETWEEN NORTH AND NORTHNORTHWEST AT ABOUT 12 MPH WITH THIS DIRECTION AND RATE OF MOVEMENT EXPECTED TO CONTINUE FOR ANOTHER 12 TO 18 HOURS.

AS THE HURRICANE MOVES NORTHWARD DURING THE DAY WE WILL CONTINUE UNDER A HURRICANE WATCH. NORTHEAST WINDS ARE EXPECTED TO INCREASE DURING THE DAY REACHING 40 MPH AND HIGHER LATE THIS AFTERNOON OR EVENING. RAIN WILL DEVELOP AS THE DAY PROGRESSES AND WILL BECOME HEAVY BY NIGHTFALL.

TIDES ARE EXPECTED TO RUN 2 TO 3 FEET ABOVE NORMAL TODAY AND EVEN HIGHER TONIGHT CAUSING FLOODING OF LOW LYING COASTAL SECTIONS AT HIGH TIDE.

IT SHOULD BE EMPHASIZED THAT THE EFFECTS OF A HURRICANE SUCH AS WINDS RAINS AND TIDES ARE FELT HUNDREDS OF MILES FROM THE CENTER AND THEREFORE THE CENTER NEED NOT PASS DIRECTLY OVER A LOCALITY FOR THE HURRICANE'S EFFECTS TO BE FELT.

KNUDSEN

U S DEPARTMENT OF COMMERCE WEATHER BUREAU BRADLEY FIELD HARTFORD CONN. LOCAL STATEMENT ON HURRICANE ESTHER FOR CONNECTICUT AND THE SPRINGFIELD AREA 6:15 AM EDT SEPTEMBER 20 1961.

AT 6 AM HURRICANE ESTHER WAS LOCATED 125 MILES OFF THE NORTH CAROLINA COAST ABOUT 400 MILES DUE SOUTH OF LONG ISLAND. ESTHER IS MOVING IN A DIRECTION BETWEEN NORTH AND NORTH NORTHWEST ABOUT 12 MILES PER HOUR. LITTLE CHANGE IN INTENSITY OR IN DIRECTION AND RATE OF MOVEMENT IS FORECAST FOR THE NEXT 12 TO 18 HOURS.

AT 6 AM WINDS WERE EAST NORTHEASTERLY 10 TO 15 MILES PER HOUR ALONG THE CONNECTICUT SHORE AND WILL INCREASE GRADUALLY TO 39 MPH OR HIGHER ALONG THE SHORE LATE TODAY. WINDS WILL BE LESS INLAND. TIDES ALONG THE CONNECTICUT SHORE ARE FORECAST 3 TO 4 FEET ABOVE NORMAL DURING THE DAY AND HIGHER TONIGHT WITH LOCAL FLOODING AT HIGH TIDES. THE FIRST CRITICAL HIGH TIDE IS FROM 6:30 TO 8:30 TONIGHT.

IT IS STILL TOO EARLY TO PREDICT THE PATH OF HURRICANE ESTHER WITH RELATION TO CONNECTICUT AND THE SPRINGFIELD AREA. THEREFORE IT IS NOT YET KNOWN JUST WHAT EFFECTS WILL BE FELT IN THIS AREA. ALL INTERESTS SHOULD KEEP POSTED ON THE LATEST ADVISORIES AND BULLETINS.

THE NEXT LOCAL STATEMENT WILL BE ISSUED AT NOON TODAY.

U S WEATHER BUREAU GREATER WILMINGTON AIRPORT WILMINGTON DELAWARE 0630 EDT SEPTEMBER 20 1961 LOCAL STATEMENT.

HURRICANE ESTHER WAS CENTERED ABOUT 125 MILES EASTSOUTHEAST OF CAPE HATTERAS AT 6 AM AND IS MOVING BETWEEN NORTH AND NORTH-NORTHWEST AT ABOUT 12 MPH. HIGHEST WINDS ARE ESTIMATED AT 130 MPH NEAR THE CENTER.

HURRICANE WARNINGS ARE NOW DISPLAYED FROM HATTERAS TO THE VIRGINIA CAPE AND A HURRICANE WATCH AND GALE WARNINGS EXTEND NORTH OF THE VIRGINIA CAPE TO THE MASSACHUSETTS COAST INCLUDING THE CHESAPEAKE AND DELAWARE BAYS. ALL PERSONS IN THE AREA OF HURRICANE WATCH SHOULD BE READY FOR PROMPT ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS LATER TODAY.

RESIDENTS OF LOW LYING AREAS OF DELAWARE SUBJECT TO FLOODING FROM HIGH TIDES SHOULD PREPARE FOR TIDES THREE TO SIX FEET ABOVE NORMAL TODAY AND TAKE ALL NECESSARY PRECAUTIONS. WINDS ARE EXPECTED TO INCREASE STEADILY AND REACH GALE FORCE BY THIS AFTERNOON. RAIN OCCASIONALLY HEAVY WILL ACCOMPANY STRONG WINDS.

ANDERSON

LOCAL STATEMENT ON HURRICANE ESTHER 7 AM SEPTEMBER 20 1961 ISSUED BY WEATHER BUREAU NORFOLK VIRGINIA.

HURRICANE ESTHER IS NOW LOCATED ABOUT 190 MILES SOUTHEAST OF NORFOLK VIRGINIA. THE CENTER IS MOVING BETWEEN NORTHNORTHWEST AND NORTH AT 10 MPH OR LESS. RAIN BANDS FROM THE HURRICANE ARE VISIBLE WITHIN 50 MILES SOUTHEAST OF THE NORFOLK AIRPORT AND LIGHTER BANDS ARE VISIBLE WITHIN 20 MILES.

THE PRESENT COURSE OF THE STORM IS EXPECTED TO CONTINUE WITH A GRADUAL TREND TOWARDS A MORE NORTHERLY TRACK. THE HURRICANE CENTER IS EXPECTED TO PASS ABOUT 100 MILES EAST OF THE HAMPTON ROADS AREA THIS AFTERNOON.

WINDS WILL INCREASE SLOWLY THIS MORNING WITH SHOWERS AND GUSTY WINDS. WINDS ARE EXPECTED TO REACH GALE FORCE THIS AFTERNOON.

HURRICANE WARNINGS REMAIN DISPLAYED FROM HATTERAS TO THE VIRGINIA CAPE WITH A HURRICANE WATCH NORTHWARD TO MASSACHUSETTS. HURRICANE FORCE WINDS WILL BE MOSTLY OVER THE OCEAN BUT WILL APPROACH NEAR THE HAMPTON ROADS AREA THIS AFTERNOON AND MIGHT POSSIBLY BE EXPERIENCED. FOR THE SAKE OF SAFETY PRECAUTIONS SHOULD BE CONTINUED THROUGHOUT THE DAY.

TIDES IN THE HAMPTON ROADS HARBOR THIS AFTERNOON WILL RUN 3 TO 4 FEET ABOVE NORMAL OR 6 TO 7 FEET ABOVE THE MEAN LOW WATER MARK. THIS WILL CAUSE FLOODING AND WILL NECESSITATE SOME TRAFFIC REROUTING.

REV. FRANK B. DINWIDDIE WEATHER BUREAU COOPERATIVE OBSERVER AT NAGS HEAD N. C. REPORTS WIND GUSTS TO 54 MPH DURING THE PAST HOUR. HIGHEST BREAKERS THERE 25 FEET.

SACHE

LOCAL WEATHER STATEMENT ISSUED BY THE WEATHER BUREAU AT PHILADELPHIA 7 AM EDT SEPTEMBER 20 1961.

AT 6 AM EDT HURRICANE ESTHER WAS LOCATED ABOUT 125 STATUTE MILES EAST SOUTHEAST OF CAPE HATTERAS NORTH CAROLINA. IT IS MOVING IN A DIRECTION BETWEEN NORTH AND NORTHWEST AT ABOUT 12 MPH.

THE AREA OF SOUTHEASTERN PENNSYLVANIA IS NOW UNDER A HURRICANE WATCH. THE FIRST NOTICEABLE EFFECTS OF THIS LARGE AND DANGEROUS HURRICANE WILL BE GRADUALLY INCREASING NORTH AND NORTHEAST WINDS REACHING GALE FORCE LATE TODAY ALONG WITH MODERATE TO OCCASIONALLY HEAVY RAIN. THE SEVERITY OF WEATHER IN THIS AREA WILL BE DETERMINED BY THE PATH OF ESTHER. AT PRESENT IT APPEARS THAT THE PHILADELPHIA AREA WILL REMAIN ON THE WESTERN FRINGE OF THE HURRICANE.

HOWEVER ...KEEP POSTED ON THE LATEST ADVISORIES AND LOCAL STATEMENTS THROUGH YOUR RADIO AND TELEVISION STATIONS.

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY THE NORFOLK WEATHER BUREAU AT 8 AM SEPTEMBER 20 1961.

AT 7 AM HURRICANE ESTHER WAS LOCATED AT 35.1 NORTH 73.4 WEST OR ABOUT 180 MILES SOUTHEAST OF NORFOLK VIRGINIA. THE CENTER WAS MOVING BETWEEN NORTHWEST AND NORTH AT 10 MPH OR LESS.

SEVERAL RAIN BANDS FROM THE HURRICANE ARE EASILY VISIBLE ON NORFOLK RADAR AND RAIN SQUALLS WILL OCCUR IN THIS AREA AT INTERVALS TODAY.

THE PRESENT COURSE OF THE STORM IS EXPECTED TO CONTINUE WITH A GRADUAL TREND TOWARDS A MORE NORTHERLY TRACK. THE HURRICANE CENTER IS EXPECTED TO PASS MORE THAN 100 MILES EAST OF THE HAMPTON ROADS AREA DURING THIS AFTERNOON AND IN SUCH A CASE THIS AREA WILL EXPERIENCE ONLY SOME FRINGE EFFECTS.

WINDS IN HAMPTON ROADS AREA WILL INCREASE SLOWLY THIS MORNING WITH SHOWERS AND GUSTY WINDS. WINDS WILL PROBABLY REACH GALE FORCE AT TIMES THIS AFTERNOON.

HURRICANE WARNINGS REMAIN DISPLAYED FROM HATTERAS TO THE VIRGINIA CAPES WITH A HURRICANE WATCH NORTHWARD TO MASSACHUSETTS. HURRICANE FORCE WINDS WILL BE MOSTLY OVER THE OCEAN BUT WILL APPROACH NEAR THE HAMPTON ROADS AREA THIS AFTERNOON AND THERE IS ONLY A SLIGHT CHANCE ANY HURRICANE WINDS MIGHT REACH COAST THIS AFTERNOON.

TIDES IN HAMPTON ROADS HARBOR THIS AFTERNOON WILL RUN 3 TO 4 FEET ABOVE NORMAL OR 6 TO 7 FEET ABOVE THE MEAN LOW WATER MARK. THIS WILL CAUSE SOME FLOODING AND WILL NECESSITATE SOME TRAFFIC REROUTING.

AT 7 AM THE DIAMOND SHOALS LIGHTSHIP JUST OFF HATTERAS REPORTED SUSTAINED WINDS OF 55 MPH FROM THE NORTHEAST.

SACHSE

LOCAL WEATHER STATEMENT ISSUED BY THE ATLANTIC CITY WEATHER BUREAU 8 AM SEPTEMBER 20 1961.

AT 7 AM EST HURRICANE ESTHER WAS CENTERED ABOUT 120 MILES EAST OF CAPE HATTERAS NORTH CAROLINA. IT IS MOVING IN A NORTHERLY DIRECTION AT ABOUT 12 MPH AND IS EXPECTED TO CONTINUE IN ITS NORTHERLY COURSE FOR THE NEXT 12 HOURS.

NEW JERSEY CONTINUES UNDER A HURRICANE WATCH AND GALE WARNINGS ARE DISPLAYED AT 9 AM EDT. WINDS ALONG THE NEW JERSEY COAST WERE BLOWING FROM THE NORTH NORTHEAST AT 15-20 MPH. WINDS WILL INCREASE DURING THE DAY IN NEW JERSEY REACHING GALE FORCE OF 35-45 MPH LATE TODAY AND PROBABLY WILL BE HIGHER TONIGHT. TIDES ALONG THE COAST ARE RUNNING 1-2 FEET ABOVE NORMAL AND WILL RISE TO 3-4 FT ABOVE NORMAL LATE THIS AFTERNOON. WITH NORMAL HIGH TIDE TIME OCCURRING THIS AFTERNOON LOCAL FLOODING OF ACCESS ROADS TO THE ISLANDS WILL OCCUR AS WELL IN LOW LYING AREAS ALONG THE WATERFRONT. THE NEXT HIGH TIDE WILL OCCUR DURING THE EARLY MORNING HOURS THURSDAY AND THE FLOODING POTENTIAL AT THAT TIME WILL DEPEND UPON THE FUTURE COURSE OF ESTHER. ALL INTERESTS ARE URGED TO KEEP POSTED ON THE LATEST ADVISORIES AND LOCAL STATEMENTS FROM THE WEATHER BUREAU.

TANCRETO

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY THE NORFOLK WEATHER BUREAU AT 9 AM SEPTEMBER 20 1961.

HURRICANE ESTHER IS NOW CENTERED ABOUT 125 MILES EAST OF HATTERAS. IT IS MOVING NORTHWARD ABOUT 14 MPH AND IS EXPECTED TO PASS MORE THAN 100 MILES EAST OF THE HAMPTON ROADS AREA DURING THIS AFTERNOON.

THIS MEANS THAT THE VIRGINIA CAPES ARE LIKELY TO EXPERIENCE ONLY THE FRINGE EFFECTS OF THIS HURRICANE AND THAT WINDS WILL PROBABLY NOT EXCEED GALE FORCE DURING THIS AFTERNOON IN RAIN SQUALLS.

HURRICANE WARNINGS STILL REMAIN DISPLAYED AT THE VIRGINIA CAPES BUT THE CHANCE FOR ANY HURRICANE WINDS IN THIS SECTION IS NOW VERY SLIGHT AND HURRICANE WARNINGS WILL PROBABLY BE LOWERED DURING THE NEXT FEW HOURS IF THE HURRICANE KEEPS ON ITS PRESENT COURSE.

TIDES IN HAMPTON ROADS HARBOR WILL RUN 3 TO 4 FEET ABOVE NORMAL OR 6 TO 7 FEET ABOVE THE MLW. BETWEEN 2 AND 5 PM. THIS WILL CAUSE SOME FLOODING OF LOW LYING AREAS AND WILL NECESSITATE SOME REROUTING OF TRAFFIC.

SO FAR TODAY THE STRONGEST WIND RECORDED HERE AT THE NORFOLK VIRGINIA AIRPORT HAS BEEN ONLY GUSTS TO 54 MPH.

SACHSE

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY THE NORFOLK WEATHER BUREAU AT 10 AM SEPTEMBER 20 1961.

HURRICANE ESTHER IS NOW CENTERED ABOUT 225 MILES SOUTHEAST OF THE HAMPTON ROADS AREA. IT IS MOVING NORTHWARD ABOUT 14 MPH AND IS EXPECTED TO PASS 150 TO 200 MILES EAST OF THE HAMPTON ROADS AREA DURING THIS AFTERNOON.

THIS MEANS THAT THE VIRGINIA CAPES ARE LIKELY TO EXPERIENCE ONLY THE REMOTE FRINGE EFFECTS OF THIS HURRICANE AND THAT WINDS WILL BE ONLY GALE FORCE AT TIMES DURING THIS AFTERNOON IN SQUALLS.

HURRICANE WARNINGS STILL REMAIN DISPLAYED AT THE VIRGINIA CAPES BUT THE CHANCE OF ANY HURRICANE WINDS IN THIS SECTION IS NOW VERY SLIGHT AND HURRICANE WARNINGS WILL PROBABLY BE LOWERED DURING THE NEXT HOUR OR TWO IF THE HURRICANE CONTINUES ITS PRESENT COURSE.

TIDES IN THE HAMPTON ROADS AREA HAVE BEEN REVISED DOWNWARD TO ONLY ABOUT 2 FEET ABOVE NORMAL OR 5 FEET ABOVE THE MLW AT THE TIME OF HIGH TIDE THIS AFTERNOON BETWEEN 2 AND 5 PM. THIS WILL MEAN LITTLE OR NO FLOODING.

ALTHOUGH IT NOW IS HIGHLY PROBABLE THAT THE VIRGINIA NORTH CAROLINA COAST WILL BE SPARED ANY SERIOUS EFFECTS OF THIS HURRICANE IT STILL REMAINS HIGHLY DANGEROUS FOR SHIPPING IN THE ATLANTIC. THE INTENSITY OF THIS HURRICANE IS SHOWN BY THE LONG PERIOD OF 24 SECONDS BETWEEN SWELLS REACHING THIS COAST AT THE PRESENT TIME. SUCH A PERIOD IS AN EXCELLENT INDICATION OF VERY STRONG HURRICANE WINDS OFF THE COAST.

SACHSE

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED BY THE NORFOLK WEATHER BUREAU 11 AM SEPTEMBER 20 1961.

HURRICANE WARNINGS WERE LOWERED AT 11 AM TODAY FROM THE VIRGINIA CAPES SOUTHWARD TO HATTERAS. GALE WARNINGS REMAIN DISPLAYED NORTH OF THE VIRGINIA CAPES.

AT 11 AM HURRICANE ESTHER WAS CENTERED AT 36.0 NORTH 73.0 WEST OR ABOUT 190 MILES EAST SOUTHEAST OF THE VIRGINIA CAPES. IT IS MOVING TOWARD THE NORTH OR NORTHNORTHEAST AT 14 MPH. THIS POSITION AND MOVEMENT ELIMINATES ANY POSSIBILITY OF HURRICANE FORCE WINDS ON THE VIRGINIA AND NORTH CAROLINA COASTS FROM THIS HURRICANE. THE WINDS ON THE CAPES MAY BRIEFLY REACH GALE FORCE 39 MPH DURING A FEW RAIN SQUALLS THIS AFTERNOON AND IT MIGHT BE DESIRABLE TO KEEP LOOSE OBJECTS SECURED THROUGH THIS AFTERNOON. THE DISTANCE FROM THIS AREA THAT THE HURRICANE IS PASSING IS LESSENING THE CHANCE OF HEAVY RAIN SQUALLS DURING THIS AFTERNOON.

THE HIGH TIDE THIS AFTERNOON IN THE HAMPTON ROADS AREA WILL RUN ONLY ABOUT 2 FEET ABOVE NORMAL OR ABOUT 5 FEET ABOVE THE MLW. THIS WILL MEAN NO OR ONLY VERY MINOR FLOODING.

SINCE THERE IS NO LONGER ANY DANGER OF HURRICANE FORCE WINDS ON THE VIRGINIA AND NORTH CAROLINA COASTS FROM ESTHER THIS HOURLY STATEMENT WILL BE THE LAST ISSUED BY THE NORFOLK WEATHER BUREAU ON THIS HURRICANE.

SACHE

LOCAL WEATHER STATEMENT ISSUED BY THE ATLANTIC CITY WEATHER BUREAU 10 AM EST SEPTEMBER 20 1961.

AT 11 AM EDT HURRICANE ESTHER WAS CENTERED ABOUT 140 MILES EASTNORTHEAST OF CAPE HATTERAS NORTH CAROLINA. IT IS MOVING IN A NORTHERLY DIRECTION AT ABOUT 12 MILES PER HOUR AND IS EXPECTED TO CONTINUE IN ITS NORTHERLY COURSE FOR THE NEXT 12 HOURS.

NEW JERSEY CONTINUES UNDER A HURRICANE WATCH AND GALE WARNINGS ARE DISPLAYED AT 11 AM EDT WINDS ALONG THE NEW JERSEY COAST WERE BLOWING FROM THE NORTH NORTHEAST AT 15-25 MPH. WINDS WILL INCREASE DURING THE DAY IN NEW JERSEY REACHING GALE FORCE OF 35-45 MPH LATE TODAY AND PROBABLY WILL BE HIGHER TONIGHT. TIDES ALONG THE COAST ARE RUNNING 1-2 FEET ABOVE NORMAL AND WILL RISE TO 3-4 FT ABOVE NORMAL LATE THIS AFTERNOON. WITH NORMAL HIGH TIDE TIME OCCURRING THIS AFTERNOON LOCAL FLOODING OF ACCESS ROADS TO THE ISLANDS WILL OCCUR AS WELL AS IN LOW LYING AREAS ALONG THE WATERFRONT. THE NEXT HIGH TIDE WILL OCCUR DURING THE EARLY MORNING HOURS THURSDAY AND THE FLOODING POTENTIAL AT THAT TIME WILL DEPEND UPON THE COURSE OF ESTHER. ALL INTERESTS ARE URGED TO KEEP POSTED ON THE LATEST ADVISORIES AND LOCAL STATEMENTS FROM THE WEATHER BUREAU.

TANCRETO

LOCAL STATEMENT - 1130 EST SEPTEMBER 20 1961 DEPARTMENT OF COMMERCE WEATHER BUREAU WILMINGTON DELAWARE.

HURRICANE WARNINGS HAVE BEEN ISSUED FOR THE AREA EASTERN LONG ISLAND TO PROVINCETOWN MASS. THE HURRICANE WATCH AND GALE WARNINGS REMAIN IN EFFECT FROM THE VIRGINIA CAPES TO LONG ISLAND. THIS AREA INCLUDES COASTAL DELAWARE AND THE DELAWARE BAY. ALL RESIDENTS IN THE HURRICANE WATCH AREA SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS LATER TODAY.

TIDES ALONG THE DELAWARE BAY AND DELAWARE COAST ARE EXPECTED TO BE 3 TO 6 FEET ABOVE NORMAL THIS AFTERNOON AND TONIGHT. HEAVY RAINS AND GALE FORCE WINDS ARE EXPECTED IN DELAWARE THIS AFTERNOON AND TONIGHT.

AT 1200 NOON EDT THE CENTER OF HURRICANE ESTHER WAS LOCATED 36.0 NORTH AND 73.0 WEST AND MOVING IN A DIRECTION BETWEEN NORTH AND NORTHEAST ABOUT 14 MPH. THIS TRACK WOULD BRING THE CENTER ABOUT 100 MILES EAST OF REHOBETH ABOUT MIDNIGHT TONIGHT. THIS TRACK LESSENS CONSIDERABLY THE DANGER TO COASTAL DELAWARE BUT ALL INTERESTS SHOULD CONTINUE TO CHECK LATER ADVISORIES UNTIL THIS EVENING. ANY WESTWARD SHIFT WOULD INCREASE THE DANGER TO DELAWARE.

AT 1200 EDT THE WINDS AT INDIAN RIVER INLET DELAWARE WERE NORTHEAST 30 TO 38 KNOTS.

ANDERSON

LOCAL STATEMENT ON HURRICANE ESTHER NOON WEDNESDAY SEPTEMBER 20 1961 U S WEATHER BUREAU OFFICE NEW YORK.

HURRICANE ESTHER IS LOCATED ABOUT 310 STATUTE MILES SOUTH SOUTHEAST OF NEW YORK AND 150 MILES EAST NORTHEAST OF CAPE HATTERAS MOVING BETWEEN NORTH AND NORTH NORTHEAST 14 MPH AND EXPECTED TO BE CLOSE TO THE SOUTHEASTERN NEW ENGLAND COAST ABOUT THURSDAY NOON. HURRICANE WARNINGS ARE TO BE HOISTED FROM SUFFOLK COUNTY OR EASTERN LONG ISLAND EASTWARD TO PROVINCETOWN. WINDS WILL INCREASE TO GALE FORCE TONIGHT AND HURRICANE FORCE WINDS ARE LIKELY TOWARDS THURSDAY MORNING. RESIDENTS IN THE HURRICANE WATCH AREA SHOULD BE READY FOR QUICK ACTION IN CASE IT IS NECESSARY TO ISSUE HURRICANE WARNINGS LATER TODAY.

TIDES ARE EXPECTED TO REACH 3 TO 6 FEET ABOVE NORMAL BY THURSDAY MORNING. ALL THOSE IN THE LOW LYING AREAS AROUND THE LONG ISLAND SOUTH AND NORTH SHORE WATERS ARE CAUTIONED CONCERNING POTENTIAL LOCAL FLOODING ESPECIALLY OVER THE EXTREME EASTERN END OF LONG ISLAND. THE PRESENT TRACK OF THE STORM LESSENS CONSIDERABLY THE DANGER TO COASTAL SECTIONS FROM CENTRAL NEW JERSEY SOUTHWARD TO THE MARYLAND COAST BUT INTERESTS IN THESE SECTIONS SHOULD CONTINUE TO CHECK THE LATEST ADVISORIES ON HURRICANE ESTHER.

KNUDSEN

WEATHER BUREAU AIRPORT BOSTON MASS SEPTEMBER 20 1961 STATEMENT ON HURRICANE ESTHER FOR THE STATE OF MASSACHUSETTS AT 12 NOON EDT...

HURRICANE WARNINGS ARE EFFECTIVE IMMEDIATELY FROM PROVINCETOWN TO AND INCLUDING EASTERN LONG ISLAND. GALE WARNINGS AND A HURRICANE WATCH REMAIN EFFECTIVE ALONG THE REST OF THE MASSACHUSETTS COAST. WINDS AND TIDE WILL INCREASE ALONG THE MASSACHUSETTS COAST TONIGHT. EASTERLY WINDS WILL REACH VELOCITIES OF 60 TO 80 MPH ALONG CAPE COD AND THE BUZZARDS BAY AREA EARLY THURSDAY MORNING WITH WINDS OF 40 TO 60 MPH ALONG THE MASSACHUSETTS COAST NORTH OF CAPE COD. GUSTY WINDS INLAND MASSACHUSETTS WILL BE 30 TO 50 MPH OVER EASTERN SECTIONS AND 20 TO 40 MPH OVER WESTERN SECTIONS.

TIDES ALONG WITH HIGH SEAS WILL BE INCREASING DURING THE NIGHT WITH TIDE REACHING 5 TO 8 FEET ABOVE NORMAL ALONG CAPE COD AND BUZZARDS BAY AREA AND 2 TO 4 FEET ELSEWHERE ALONG THE MASSACHUSETTS COAST.

ALL PERSONS ALONG THE COAST SHOULD TAKE IMMEDIATE ACTION TO PROTECT LIFE AND PROPERTY AND SHOULD EVACUATE THE IMMEDIATE COAST BY THIS EVENING.

AT NOON THE HURRICANE WAS LOCATED ABOUT 160 MILES EAST NORTHEAST OF CAPE HATTERAS MOVING NORTH AT 15 MPH. IT IS TURNING MORE TOWARD THE NORTH NORTHEAST AND THIS PATH AND SPEED WILL BRING THE STORM CENTER CLOSE TO NANTUCKET AT NOON THURSDAY.

RAIN WHICH WILL BEGIN TONIGHT WILL BECOME HEAVY OVER THE EASTERN PART OF THE STATE BUT NO FLOODING IS EXPECTED FROM THE RAIN.

PIERCE

U S WEATHER BUREAU PROVIDENCE RHODE ISLAND SEPTEMBER 20 1961 1 PM EDT

LOCAL STATEMENT ON THE PROBABILITY OF FLOOD TIDES IN THE NARRAGANSETT BAY AREA DURING THE PASSAGE OF HURRICANE ESTHER.

THE LATEST HURRICANE ADVISORY ON HURRICANE ESTHER INDICATES THAT THE CENTER OF THIS DANGEROUS HURRICANE IS TRACKING BETWEEN NORTH AND NORTHEAST AT ABOUT 13 KNOTS.

THIS TRACK IF CONTINUED WILL LIKELY CARRY THE STORM CENTER EAST OF RHODE ISLAND COASTAL WATERS SOMETIME LATE TONIGHT OR EARLY THURSDAY MORNING AND THEREBY LESSEN THE DANGER OF ANY SERIOUS TIDAL FLOODING IN THE NARRAGANSETT BAY AREA.

ACCORDINGLY ALL INTERESTS IN THE CITY OF PROVIDENCE WHO CAN POSSIBLY DELAY PREPARATIONS SUCH AS SAND BAGGING AND THE REMOVAL OF STOCK OR FURNISHINGS UNTIL TONIGHT ARE URGED TO DO SO. THIS DELAY WILL AFFORD US THE TIME TO FURTHER TRACK THE HURRICANE AND CONFIRM THIS OFFSHORE COURSE.

INTERESTS SHOULD CONTINUE TO CHECK LATEST ADVISORIES AND BULLETINS ON HURRICANE ESTHER AND BE IN A POSITION TO ACT SHOULD EMERGENCY WARNINGS BE ISSUED.

THEY SHOULD ALSO CONTINUE TO MAKE PREPARATIONS FOR GALE FORCE WINDS INLAND AND FOR HURRICANE FORCE WINDS ALONG THE EXPOSED COAST.

LYNDE

LOCAL WEATHER STATEMENT ISSUED BY ATLANTIC CITY WEATHER BUREAU SEPTEMBER 20 1961 1330 EDT.

AT NOON HURRICANE ESTHER WAS CENTERED ABOUT 190 MILES EAST SOUTHEAST OF NORFOLK VIRGINIA. IT IS MOVING TOWARD THE NORTH NORTHEAST AT ABOUT 14 MPH AND IS EXPECTED TO CONTINUE MOVING TOWARD THE NORTH NORTHEAST AT 14 MPH FOR THE NEXT 12 TO 18 HOURS. THIS NORTH-NORTHEAST TRACK DOES LESSEN THE DANGER OF HURRICANE WINDS FOR SOUTHERN NEW JERSEY HOWEVER ALL INTERESTS ARE ADVISED TO CONTINUE TO CHECK LATER ADVISORIES THROUGHOUT THE AFTERNOON AND EVENING. NEW JERSEY CONTINUES UNDER HURRICANE WATCH AND GALE WARNINGS ARE DISPLAYED. TIDES ARE RUNNING ONE AND ONE HALF FEET TO TWO AND ONE HALF FEET ABOVE NORMAL AND WILL LIKELY REACH THREE TO FOUR LATE THIS AFTERNOON AND EARLY EVENING CAUSING SOME LOCAL FLOODING ALONG IMMEDIATE COASTAL AREAS AND SPOTTY FLOODING ON ACCESS ROADS TO THE MAINLAND. HEAVIER RAINS WILL BEGIN EARLY THIS AFTERNOON ALONG THE SOUTHERN COAST OF NEW JERSEY AND SPREAD THROUGHOUT MOST OF THE AREA TONIGHT. WINDS ARE AVERAGING 20 TO 25 MPH AND WILL INCREASE TO GALE FORCE LATE TODAY.

TANCRETO

WEATHER BUREAU AIRPORT BOSTON MASS SEPTEMBER 20 1961 STATEMENT ON HURRICANE ESTHER FOR MASSACHUSETTS AT 2 PM EDT.

HURRICANE WARNINGS ARE IN EFFECT FROM PROVINCETOWN TO BLOCK ISLAND. GALE WARNINGS AND A HURRICANE WATCH REMAIN EFFECTIVE FOR THE REMAINDER OF THE MASSACHUSETTS COAST. WINDS AND TIDES ALONG THE COAST WILL INCREASE TONIGHT. BY EARLY THURSDAY MORNING DESTRUCTIVE EASTERLY WINDS WILL REACH VELOCITIES OF 60 TO 80 MPH IN THE VICINITY OF CAPE COD WITH EASTERLY GALES OF 40 TO 60 MPH ELSEWHERE ALONG THE COAST. WINDS WILL NOT BE AS STRONG OVER THE INTERIOR OF MASSACHUSETTS. GUSTY WINDS ARE EXPECTED TO REACH 30 TO 50 MPH OVER THE EASTERN SECTIONS AND 20 TO 40 MPH OVER THE WEST PORTION.

TIDES SHOULD BE HIGHEST ALONG THE OUTER CAPE REACHING 4 TO 8 FEET EARLY THURSDAY MORNING. ELSEWHERE ALONG THE MASSACHUSETTS COAST TIDES WILL BE 2 TO 4 FEET ABOVE NORMAL. HIGH SEAS WILL ACCOMPANY THE ABNORMAL TIDES.

ALL PERSONS ALONG THE COAST SHOULD CONTINUE ACTION TO PROTECT LIFE AND PROPERTY AND SHOULD EVACUATE LOW LYING AREAS NOT LATER THAN TONIGHT.

RAIN WILL BEGIN TONIGHT BUT SHOULD BE HEAVY ONLY OVER THE EASTERN PORTION OF THE STATE. NO FLOODING IS ANTICIPATED FROM THE RAIN.

AT 2 PM HURRICANE ESTHER WAS LOCATED AT 36.3 NORTH AND 72.8 WEST OR 195 MILES EAST SOUTHEAST OF NORFOLK VIRGINIA. THIS TRACK WILL CARRY IT CLOSE TO NANTUCKET SHORTLY BEFORE NOON THURSDAY.

PIERCE

LOCAL WEATHER STATEMENT ISSUED BY THE WEATHER BUREAU PHILADELPHIA SEPTEMBER 20 1961 3:15 PM EDT.

AT 3:15 PM EDT HURRICANE ESTHER WAS CENTERED 195 MILES EAST OF NORFOLK VIRGINIA AND MOVING NORTH NORTHEASTWARD ABOUT 14 MPH. IT IS EXPECTED TO MAINTAIN THIS COURSE FOR THE NEXT 12 TO 18 HOURS. AS THE STORM MOVES NORTHWARD WINDS ARE EXPECTED TO INCREASE IN THE PHILADELPHIA AREA TO 30 OR 40 MPH DURING THE EVENING AND TONIGHT. RADAR SHOWS THE RAIN AREA SPREADING WESTWARD ACROSS NEW JERSEY AND RAIN IS EXPECTED THROUGHOUT THE AREA THIS AFTERNOON TONIGHT AND THURSDAY MORNING. LOCALLY HEAVY RAIN MAY CAUSE SOME FLASH FLOODING OF SMALL STREAMS TONIGHT AND EARLY THURSDAY. HURRICANE WARNINGS ARE NOW DISPLAYED FROM EASTERN LONG ISLAND TO PROVINCETOWN MASSACHUSETTS. GALE WARNINGS AND HURRICANE WATCH ARE STILL IN EFFECT FROM THE VIRGINIA CAPES TO LONG ISLAND NEW YORK.

STALLARD

LOCAL STATEMENT 4:30 PM EDT SEPTEMBER 20 1961 DEPARTMENT OF COMMERCE WEATHER BUREAU WILMINGTON DELAWARE.

THE HURRICANE WATCH AND GALE WARNINGS REMAIN IN EFFECT FOR COASTAL DELAWARE AND THE DELAWARE BAY. ALL INTERESTS IN THE HURRICANE WATCH AREA SHOULD REMAIN ALERT AND BE READY FOR QUICK ACTION IN THE EVENT IT BECOMES NECESSARY TO ISSUE A HURRICANE WARNING LATER TODAY.

TIDES AND WINDS ALONG THE DELAWARE COAST ARE NOW RISING. TIDES ARE EXPECTED TO REACH 3 TO 6 FEET ABOVE NORMAL. HEAVY RAINS AND GALE FORCE WINDS ARE NOW BEING REPORTED FROM SUSSEX COUNTY. INDIAN RIVER INLET AT 4 PM REPORTED HEAVY RAIN AND NORTHEAST WINDS 40 TO 45 KNOTS.

AT 4 PM EDT THE CENTER OF THE HURRICANE WAS NEAR 36.7 NORTH AND 72.7 WEST OR ABOUT 200 MILES EAST OF NORFOLK VIRGINIA. THE STORM IS MOVING ON A COURSE BETWEEN NORTH AND NORTH NORTHEAST ABOUT 14 MPH. THIS TRACK WOULD BRING THE CENTER MORE THAN 100 MILES EAST OF REHOBETH A LITTLE BEFORE MIDNIGHT TONIGHT. THIS TRACK CONSIDERABLY LESSENS THE DANGER TO COASTAL DELAWARE BUT ALL INTERESTS SHOULD CONTINUE TO CHECK WEATHER BUREAU ADVISORIES UNTIL THE HURRICANE WATCH IS DISCONTINUED.

ANDERSON

LOCAL STATEMENT FROM CHARLESTON WEATHER BUREAU 4:30 PM EST SEPTEMBER 20 1961.

HURRICANE ESTHER CLOSED TO ABOUT 550 NAUTICAL MILES OF THIS STATION ON A BEARING OF 080 DEGREES TRUE BUT NOTHING VISIBLE TO OUR RADAR ... NOT EVEN OUTER REACHES OF SPIRAL BANDS. ONLY EFFECT WAS A DEFINITE HURRICANE SEA AND SURF OF MODERATE INTENSITY AND SLIGHTLY MORE THAN ONE FOOT ABOVE NORMAL TIDES....DUE MOSTLY TO OTHER THAN HURRICANE EFFECTS.

CUMMINGS

LOCAL STATEMENT BY WEATHER BUREAU BOSTON ON HURRICANE ESTHER FOR MASSACHUSETTS AT 5 PM EDT SEPTEMBER 20 1961.

HURRICANE WARNINGS CONTINUE IN EFFECT FROM PROVINCETOWN TO BLOCK ISLAND. GALE WARNINGS AND A HURRICANE WATCH EXIST FOR THE REST OF MASSACHUSETTS. THE ENTIRE STATE.....ESPECIALLY EASTERN MASSACHUSETTS.....IS URGED TO BE CONTINUALLY ON THE ALERT FOR POSSIBLE CHANGE DURING THE NIGHT AND EARLY MORNING HOURS.

HURRICANE ESTHER IS A CAPRICIOUS AND EXTREMELY DANGEROUS STORM. AT PRESENT IT IS ON A NORTH NORTHEASTERLY COURSE THAT WOULD BRING THE CENTER CLOSE TO NANTUCKET AND CAPE COD SHORTLY BEFORE NOON THURSDAY.

MEANWHILE WINDS AND TIDES WILL BE INCREASING TONIGHT. BY EARLY THURSDAY MORNING DESTRUCTIVE EASTERLY WINDS WILL REACH VELOCITIES OF 60 TO 80 MILES PER HOUR IN THE VICINITY OF CAPE COD WITH EASTERLY GALES OF 40 TO 60 MILES PER HOUR ALONG THE COAST.

WINDS WILL NOT BE AS STRONG OVER THE INTERIOR OF MASSACHUSETTS. GUSTY WINDS ARE EXPECTED TO REACH 30 TO 50 MILES PER HOUR INLAND OVER THE EASTERN PORTION OF THE STATE AND 20 TO 40 MILES PER HOUR OVER THE WESTERN PORTION.

TIDES SHOULD BE HIGHEST ALONG SOUTHEASTERN CAPE COD.....REACHING 4 TO 8 FEET EARLY THURSDAY MORNING.....ELSEWHERE ALONG THE MASSACHUSETTS COAST TIDES WILL BE 2 TO 4 FEET ABOVE NORMAL. HIGH SEAS WILL ACCOMPANY THE ABNORMAL TIDES.

RAINS WILL BEGIN TONIGHT.....BECOMING HEAVY OVER THE EASTERN PORTION OF THE STATE. THE TIMING OF THE ARRIVAL OF STRONG WINDS AND HIGH TIDES IS AN IMPORTANT CONSIDERATION FOR RESIDENTS OF COASTAL AREAS. THIS WILL BE DURING THE NIGHTTIME AND EARLY MORNING HOURS AFTER MOST PEOPLE HAVE RETIRED FOR THE NIGHT. IT IS STRONGLY RECOMMENDED THE RESIDENTS OF SOUTHERN NEW ENGLAND CAPE COD AND COASTAL MASSACHUSETTS BE VIGILANT THROUGH THE NIGHT CHECKING THE LATEST ADVISORIES WHICH ARE BEING RECEIVED IN NEWSPAPER OFFICES AND RADIO AND TELEVISION STATIONS AROUND THE CLOCK.

ALL EMERGENCY SUPPLIES SHOULD BE ON HAND. IN THOSE AREAS WHERE GALE WINDS ARE FORECAST IT SHOULD BE BORNE IN MIND THAT WHILE THESE ARE OF LOWER VELOCITY THAN HURRICANE WINDS THEY STILL CAN BE STRONG ENOUGH TO BE EXTREMELY DAMAGING.

ALL PERSONS ALONG THE COAST SHOULD EVACUATE LOW LYING AREAS NOT LATER THAN TONIGHT.

PIERCE

LOCAL WEATHER STATEMENT ISSUED BY ATLANTIC CITY WEATHER BUREAU SEPTEMBER 20 1961 5:30 PM EDT.

HURRICANE WATCH AND GALE WARNINGS REMAIN IN EFFECT FOR NEW JERSEY AT 4 PM EDT HURRICANE ESTHER WAS ABOUT 200 MILES EAST OF NORFOLK VIRGINIA. HURRICANE ESTHER IS FORECAST TO CONTINUE TO MOVE NORTH NORTHEAST AT ABOUT 14 MILES PER HOUR FOR THE NEXT 12 TO 18 HOURS. OUR WEATHER SURVEILLANCE RADAR AT ATLANTIC CITY INDICATED THAT ESTHER WAS STILL MOVING NORTH NORTHEASTWARD AT 5:30 PM. THIS MOVEMENT WILL BRING THE CENTER ABOUT 100 TO 150 MILES OFF THE JERSEY COAST LATE TONIGHT AND TO SOUTHEASTERN NEW ENGLAND COAST BY THURSDAY NOON. THIS COURSE LESSENS THE DANGER TO COAST OF NEW JERSEY BUT ALL INTERESTS SHOULD CONTINUE TO CHECK LATER ADVISORIES AND LOCAL STATEMENTS UNTIL THE HURRICANE WATCH IS DISCONTINUED. GALE WINDS OF 40 TO 50 MPH FROM THE NORTHEAST ARE EXPECTED TONIGHT. THIS WILL CAUSE TIDES TO RUN 3 TO 4 FEET ABOVE NORMAL PRODUCING SOME LOCAL FLOODING ALONG THE IMMEDIATE COAST AND ACCESS ROADS TO THE MAINLAND DURING THE EARLY MORNING HOURS THURSDAY. MODERATE TO OCCASIONAL HEAVY RAINS LIKELY TONIGHT TAPERING OFF THURSDAY MORNING.

TANCRETO

LOCAL STATEMENT 6 PM EDT SEPTEMBER 20 1961 DEPARTMENT OF COMMERCE WEATHER BUREAU WILMINGTON DELAWARE.

THE WASHINGTON HURRICANE FORECAST OFFICE DISCONTINUED THE HURRICANE WATCH FOR COASTAL DELAWARE AND DELAWARE BAY AT 6 PM, HOWEVER GALE FORCE WINDS ARE EXPECTED TO CONTINUE OVER THE COASTAL SECTIONS OF DELAWARE AND THE DELAWARE BAY UNTIL AFTER MIDNIGHT TONIGHT. THE HURRICANE WATCH CONTINUES FROM CAPE MAY NORTHWARD TO EASTERN LONG ISLAND. HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND TO PROVINCETOWN MASS.

AT 6 PM EDT HURRICANE ESTHER WAS LOCATED NEAR 37.4 NORTH AND 72.6 WEST OR ABOUT 165 MILES SOUTHEAST OF CAPE MAY NEW JERSEY. THE STORM IS FORECAST TO MOVE NORTH NORTHEAST ABOUT 15 MPH FOR THE NEXT 12 TO 18 HOURS. THIS REMOVES THE THREAT OF HURRICANE FORCE WINDS TO ANY DELAWARE AREA.

IN THE WILMINGTON AND VICINITY AREA OCCASIONAL RAIN WITH WINDS 15 TO 40 MPH ARE EXPECTED TO CONTINUE TONIGHT.

THIS WILL BE THE LAST LOCAL STATEMENT FROM THIS OFFICE ON HURRICANE ESTHER.

ANDERSON

LOCAL STATEMENT HURRICANE ESTHER 6 PM EDT SEPTEMBER 20 1961 FROM U S WEATHER BUREAU OFFICE NEW YORK.

AS OF 6 PM EDT HURRICANE ESTHER WAS CENTERED ABOUT 250 MILES SOUTH SOUTHEAST OF NEW YORK CITY MOVING NORTH NORTHEAST AT 15 MPH. THIS COURSE SHOULD BRING THE HURRICANE CENTER CLOSE TO THE SOUTH OF CAPE COD BY THURSDAY NOON. HURRICANE WARNINGS EXTEND FROM EASTERN LONG ISLAND TO PROVINCETOWN MASS WHILE A HURRICANE WATCH CONTINUES ELSEWHERE ALONG THE NEARBY COAST. THE RAIN SHIELD AROUND THE HURRICANE IS NOW WITHIN 20 MILES OF THE CITY ACCORDING TO LATEST RADAR REPORTS THIS PRECIPITATION IS MOVING NORTHWARD WITH THE HURRICANE AND MODERATE TO HEAVY RAIN CAN BE EXPECTED WITHIN THE NEXT FEW HOURS ESPECIALLY OVER EASTERN LONG ISLAND.

GALE WINDS EXTEND 200 TO 350 MILES FROM THE HURRICANE CENTER AND WINDS WILL CONTINUE TO INCREASE TO GALE FORCE IN OUR AREA TONIGHT AND HURRICANE FORCE WINDS ARE LIKELY TOWARDS MORNING ESPECIALLY OVER EASTERN LONG ISLAND. TIDES SHOULD REACH 3 TO 6 FEET ABOVE NORMAL POSSIBLY HIGHER BY MORNING. ALL INTERESTS IN LOW LYING AREAS ALONG NORTH AND SOUTH SHORE OF LONG ISLAND ARE CAUTIONED CONCERNING PROBABLY LOCAL FLOODING AGAIN ESPECIALLY IN EASTERN LONG ISLAND.

KNUDSEN

U S WEATHER BUREAU FRIENDSHIP AIRPORT BALTIMORE MARYLAND SEPTEMBER 20 1961 8 PM EDT. LOCAL STATEMENT.

HURRICANE ESTHER AT 8 PM EDT WAS LOCATED 150 TO 160 MILES EAST OF OCEAN CITY MARYLAND AT LATITUDE 37.8 NORTH AND LONGITUDE 72.4 WEST. SHE IS EXPECTED TO CONTINUE HER PRESENT PATH TOWARDS THE NORTH NORTHEAST ABOUT 15 MPH FOR THE NEXT 12 TO 18 HOURS.

GALE WARNINGS CONTINUE ALONG THE COAST AND DELAWARE BAY BUT HAVE BEEN LOWERED ON THE CHESAPEAKE BAY. THE HURRICANE WATCH HAS ALSO BEEN DISCONTINUED. WINDS WILL DIMINISH DURING THE NIGHT.

DURING THIS EVENING SOME OF THE COASTAL AREAS REPORTED WINDS BETWEEN 30 AND 45 MPH FROM THE NORTHEAST BUT WINDS NOT FAR AWAY FROM THE COAST DIMINISHED QUICKLY TO AROUND 15 MPH TO 20 MPH ON THE CHESAPEAKE BAY TO 8 TO 15 MPH WEST OF THE CHESAPEAKE BAY. AT HIGH TIDE THIS AFTERNOON OCEAN CITY MARYLAND REPORTED A STRONG SURGE 6 TO 7 FEET ABOVE NORMAL HIGH TIDE.

RAINFALL CONTINUES LIGHT AND INTERMITTENT OVER MOST OF THE AREA WITH SOME LOCALLY HEAVY AMOUNTS ALONG THE COAST.

TIDES ON THE MARYLAND PORTION OF THE CHESAPEAKE BAY HAVE BEEN RUNNING ONLY SLIGHTLY ABOVE NORMAL AND BEFORE HIGH TIDE RETURNS AGAIN DURING THE EARLY MORNING HOURS THURSDAY THE WINDS WILL BE MOSTLY NORTH THRU NORTHWEST LESSENING THE POSSIBILITY OF A TIDE VERY MUCH ABOVE NORMAL.

THIS WILL BE THE LAST STATEMENT FROM THE BALTIMORE WEATHER BUREAU OFFICE.

WEATHER STATEMENT ISSUED BY THE PHILADELPHIA WEATHER BUREAU 8 PM EDT SEPTEMBER 20 1961.

AT 8 PM EDT HURRICANE ESTHER WAS LOCATED ABOUT 155 MILES SOUTHEAST OF CAPE MAY NEW JERSEY. ESTHER IS CONTINUING ITS STEADY MOVEMENT TOWARD THE NORTH-NORTHEAST AT ABOUT 15 MPH. IT IS EXPECTED TO MAINTAIN THIS COURSE FOR THE NEXT 12 TO 18 HOURS.

RAIN WILL CONTINUE IN THE PHILADELPHIA AREA TONIGHT AND THURSDAY MORNING OCCASIONALLY BECOMING HEAVY AT TIMES.

WINDS ARE EXPECTED TO INCREASE TO 30 TO 40 MPH LATER TONIGHT AND EARLY TUESDAY MORNING BEFORE DIMINISHING LATER IN THE DAY. LOCALLY HEAVY RAIN MAY CAUSE SOME FLASH FLOODING OF SMALL STREAMS LATE TONIGHT AND EARLY THURSDAY.

HURRICANE WARNINGS ARE DISPLAYED FROM EASTERN LONG ISLAND TO PROVINCETOWN MASSACHUSETTS AND HURRICANE WATCH FROM CAPE MAY TO WESTERN LONG ISLAND. GALE WARNINGS REMAIN DISPLAYED FROM NORTH OF THE VIRGINIA CAPES TO EASTPORT MAINE.

WEATHER BUREAU AIRPORT STATION BOSTON MASSACHUSETTS SEPTEMBER 20 1961 STATEMENT ON HURRICANE ESTHER FOR MASSACHUSETTS AND RHODE ISLAND AT 9 PM EDT.

HURRICANE ESTHER CONTINUES ON A NORTH NORTHEASTERLY COURSE THAT WILL CARRY ITS CENTER CLOSE TO NANTUCKET AND CAPE COD SHORTLY BEFORE NOON THURSDAY.

HURRICANE WARNINGS ARE IN EFFECT FROM PROVINCETOWN TO EASTERN LONG ISLAND...INCLUDING THE RHODE ISLAND COAST. A HURRICANE WATCH EXISTS FOR THE COAST OF MASSACHUSETTS NORTH OF PROVINCETOWN. GALE WARNINGS ARE DISPLAYED NORTH OF PROVINCETOWN TO EASTPORT MAINE.

WINDS AND TIDES WILL BE STEADILY INCREASING TONIGHT. BY EARLY THURSDAY MORNING EASTERLY WINDS OF DESTRUCTIVE FORCE WILL REACH VELOCITIES OF 60 TO 80 MILES PER HOUR IN THE VICINITY OF CAPE COD WITH EASTERLY GALES OF 40 TO 60 MILES PER HOUR AT BOSTON AND ELSEWHERE ALONG THE COAST.

WINDS WILL NOT BE QUITE AS STRONG OVER THE INTERIOR OF MASSACHUSETTS AND RHODE ISLAND. GUSTY WINDS ARE EXPECTED TO REACH 30 TO 60 MILES PER HOUR INLAND OVER RHODE ISLAND AND EASTERN PORTIONS OF MASSACHUSETTS AND 20 TO 40 MILES PER HOUR OVER WESTERN MASSACHUSETTS.

TIDES SHOULD BE HIGHEST ALONG SOUTHEASTERN CAPE COD ... REACHING 4 TO 6 FEET ABOVE NORMAL THURSDAY MORNING. ELSEWHERE ALONG THE COAST OF MASSACHUSETTS AND RHODE ISLAND TIDES WILL BE 2 TO 4 FEET ABOVE NORMAL. HIGH SEAS WILL ACCOMPANY THE ABNORMAL TIDES.

RAIN THAT BEGAN IN RHODE ISLAND AND SOUTHEASTERN MASSACHUSETTS TONIGHT WILL BECOME HEAVY OVER THE EASTERN PORTION OF THE STATE.

THE TIMING OF THIS STORM IS SUCH THAT THE WORST EFFECTS MAY BE FELT DURING THE EARLY MORNING HOURS AND WHILE RESIDENTS ARE PREPARING TO START FOR WORK. THE ENTIRE AREA ESPECIALLY RHODE ISLAND AND EASTERN MASSACHUSETTS... IS URGED TO BE CONTINUALLY ON THE ALERT FOR POSSIBLE CHANGE OF COURSE AND INTENSITY DURING THE NIGHT AND TOMORROW MORNING.

AT 8 PM EDT THE CENTER WAS LOCATED BY RADAR 37.8 DEGREES NORTH LATITUDE AND 72.3 WEST LONGITUDE. A GRADUAL TURN MORE TOWARD THE NORTHEAST WITH AN INCREASE IN FORWARD SPEED IS EXPECTED AFTER DAYBREAK.

ALTHOUGH THE INTENSITY OF THE HURRICANE HAS DIMINISHED SOMEWHAT... THIS IS STILL A VERY DANGEROUS STORM. HIGHEST WINDS ARE STILL AROUND 115 MILES PER HOUR OVER A SMALL AREA NEAR THE CENTER. HOWEVER THE INFLUENCE OF THE STORM EXTENDS FAR BEYOND THE CENTER. GALE WINDS REACH OUT 200 MILES TOWARD THE WEST AND 350 MILES TOWARD THE EAST. THAT MEANS THAT IF THE CENTER PASSES CLOSE TO NANTUCKET... POWERFUL GALE WINDS WILL CARRY WELL INTO BOSTON AND EASTERN MASSACHUSETTS.

TENENBAUM

WEATHER STATEMENT ISSUED BY THE PHILADELPHIA WEATHER BUREAU 11:30 PM EDT SEPTEMBER 20 1961.

THE HURRICANE WATCH IS ENDED FOR SOUTHEASTERN PENNSYLVANIA AS OF 12 MIDNIGHT BUT CONSIDERABLE RAIN WILL OCCUR TONIGHT AND EARLY THURSDAY WITH GRADUAL CLEARING THE REMAINDER OF THE DAY. WINDS IN THE PHILADELPHIA AREA TONIGHT WILL BE NORTHERLY 25 TO 35 MPH GRADUALLY DIMINISHING DURING THE DAY ON THURSDAY.

AT 10 PM EDT HURRICANE ESTHER WAS CENTERED ABOUT 185 MILES SOUTH OF THE EASTERN TIP OF LONG ISLAND MOVING TOWARD THE NORTH-NORTHEAST AT 15 MPH.

WEATHER BUREAU AIRPORT STATION BOSTON MASSACHUSETTS 11:30 PM EDT SEPTEMBER 20 1961.

HURRICANE WATCH ORDERED FOR NEW HAMPSHIRE AND MAINE COASTS.

A HURRICANE WATCH HAS BEEN ORDERED FOR THE NEW HAMPSHIRE AND MAINE COASTS EFFECTIVE AT 11:30 PM EDT. AT 11 PM EDT HURRICANE ESTHER WAS LOCATED ABOUT 170 MILES SOUTH OF THE RHODE ISLAND COAST AND MOVING NORTH NORTHEASTWARD AT ABOUT 15 MPH. THE CENTER OF THE STORM IS EXPECTED TO CONTINUE MOVING IN THE SAME DIRECTION AND SPEED FOR THE NEXT 12 HOURS. THIS COURSE WILL BRING THE HURRICANE CENTER NEAR CAPE COD ABOUT NOON THURSDAY. IT IS EXPECTED TO CONTINUE MOVING IN A NORTHEASTERLY COURSE THEREAFTER. WINDS AND TIDES WILL BE RISING TONIGHT AND THURSDAY WITH GALES AND POSSIBLY HURRICANE WINDS LATE WEDNESDAY ALONG THE NEW HAMPSHIRE AND MAINE COASTS. PERSONS ALONG THESE COASTS SHOULD BEGIN PREPARATION TO PROTECT LIFE AND PROPERTY AT THIS TIME IN THE EVENT HURRICANE WARNINGS ARE DISPLAYED DURING THE NEXT 12 HOURS.

TENENBAUM

LOCAL STATEMENT WEATHER BUREAU AIRPORT STATION ATLANTIC CITY NEW JERSEY SEPTEMBER 21 1961 MIDNIGHT 1230 AM EDT.

HURRICANE WATCH IS LIFTED EFFECTIVE AT MIDNIGHT EDT FOR SOUTHERN NEW JERSEY FROM MANASQUAN TO CAPE MAY POINT. GALE WARNINGS CONTINUE TO BE DISPLAYED AND HURRICANE WATCH CONTINUES FOR NORTHERN NEW JERSEY. AT MIDNIGHT EDT HURRICANE ESTHER WAS NEAR LATITUDE 38.8 NORTH LONGITUDE 72.0 WEST OR ABOUT 130 MILES EASTSOUTHEAST OF ATLANTIC CITY AND ABOUT 145 MILES EAST OF CAPE MAY. ESTHER CONTINUES MOVING TOWARD THE NORTHNORTHEAST ABOUT 15 MPH. WINDS HAVE NOW REACHED 70 MPH AT MONTAUK POINT AND FIRE ISLAND REPORTS EASTNORTHEAST 60 MPH WITH WINDS INCREASING. WINDS ALONG THE NEW JERSEY COAST ARE RUNNING NORTHERLY 45 TO 50 MPH WITH GUSTS APPROACHING 60 MPH AT TIMES. WINDS WILL REMAIN GALE FORCE THRU MOST OF THE NIGHT AS ESTHER MOVES NORTHWARD PARALLELING THE NEW JERSEY COAST BECOMING MORE NORTHWESTWARD AS THE CENTER PASSES WELL OFFSHORE. TIDES NOW RUNNING ABOUT 2 1/2 TO 3 FEET ABOVE NORMAL AT LOW TIDE TIME MAY REACH 3 TO 4 FEET ABOVE NORMAL BUT WITH THE NEXT HIGH TIDE ALONG THE NEW JERSEY COAST AROUND 5 AM NO DANGER FROM TIDAL FLOODING IS ANTICIPATED BUT SURF AND SEAS WILL REMAIN VERY ROUGH THRU TONIGHT.

MCGRAIL

LOCAL STATEMENT WEATHER BUREAU OFFICE NEW YORK CITY 1230 AM EDT SEPTEMBER 21 1961.

AT 12 MIDNIGHT EDT THIS MORNING HURRICANE ESTHER WAS CENTERED NEAR LATITUDE 38.8 NORTH LONGITUDE 72.0 WEST OR ABOUT 180 STATUTE MILES SOUTHEAST OF NEW YORK CITY. HURRICANE ESTHER WAS MOVING TOWARDS THE NORTH NORTHEAST AT ABOUT 15 MPH AND IS FORECAST TO MOVE TOWARD THE NORTH NORTHEAST AT ABOUT 16 OR 17 MPH DURING THE NEXT 12 TO 18 HOURS THEN TURN A LITTLE MORE TOWARD THE NORTHEAST WITH SOME INCREASE IN SPEED. THIS WILL BRING THE CENTER OVER SOUTHEAST MASSACHUSETTS ABOUT NOON THURSDAY. HURRICANE WARNINGS EXTEND FROM EASTERN LONG ISLAND TO PROVINCETOWN MASSACHUSETTS. WHILE A HURRICANE WATCH CONTINUES ELSEWHERE OVER THE NEARBY COASTAL AREA. GALE WINDS ARE EXPECTED TO CONTINUE IN OUR AREA TONIGHT WITH HURRICANE FORCE WINDS LIKELY OVER EASTERN LONG ISLAND. TIDES WILL RUN 3 TO 6 FEET ABOVE NORMAL IN THE LONG ISLAND AREA AND 2 TO 4 FEET IN NEW YORK HARBOR AND THE LOWER HUDSON RIVER.

ALL INTERESTS IN LOW LYING AREAS ARE CAUTIONED AGAINST LOCAL FLOODING ESPECIALLY IN EASTERN LONG ISLAND AREA. WINDS AND TIDES WILL LIKELY SUBSIDE THIS AFTERNOON.

KUSSMAN

BOSTON WEATHER BUREAU STATEMENT ON HURRICANE ESTHER FOR MASSACHUSETTS RHODE ISLAND NEW HAMPSHIRE AND MAINE 0100 EDT SEPTEMBER 21 1961.

ALTHOUGH STILL MOVING NORTH NORTHEASTWARD HURRICANE ESTHER IS APPARENTLY TAKING A SLIGHTLY MORE NORTHERLY COURSE THAN EARLIER PREDICTED. IT IS NOW EXPECTED TO MOVE ACROSS CAPE COD SHORTLY BEFORE NOON THURSDAY AND TO HEAD IN A NORTHEASTERLY DIRECTION THEREAFTER.

THE HURRICANE WATCH WAS EXTENDED FROM COASTAL MASSACHUSETTS TO INCLUDE THE COAST OF NEW HAMPSHIRE AND MAINE AT MIDNIGHT. HURRICANE WARNINGS CONTINUE FROM EASTERN LONG ISLAND ALONG THE RHODE ISLAND COAST TO PROVINCETOWN MASSACHUSETTS. HURRICANE WARNINGS MAY BE EXTENDED NORTHWARD FROM PROVINCETOWN DURING THE NEXT SIX HOURS.

WINDS AND TIDES WILL BE STEADILY INCREASING THURSDAY. EASTERLY WINDS OF DESTRUCTIVE FORCE WILL REACH HURRICANE VELOCITIES ALONG CAPE COD WITH EASTERLY GALES OF 40 TO 60 MPH OR POSSIBLY HIGHER AT BOSTON AND ELSEWHERE ALONG THE NEW ENGLAND COAST NORTH OF PROVINCETOWN.

TIDES SHOULD BE HIGHEST ALONG SOUTHEASTERN CAPE COD REACHING 4 TO 8 FEET ABOVE NORMAL AND POSSIBLY HIGHER DURING THE TIME OF HIGH TIDE THURSDAY MORNING. ELSEWHERE ALONG THE COAST FROM BLOCK ISLAND NORTHWARD TIDES WILL BE 2 TO 4 FEET ABOVE NORMAL. HIGH SEAS WILL ACCOMPANY THE HIGH TIDES.

RAINS WILL SPREAD TO COASTAL NEW HAMPSHIRE AND MAINE AND WILL BECOME HEAVY ALONG THE EASTERN PORTIONS OF RHODE ISLAND AND MASSACHUSETTS THURSDAY. IT MUST BE EMPHASIZED THAT SOME OF THE WORST EFFECTS OF THIS STORM WILL BE FELT IN THE EARLY MORNING HOURS AND LATER WHILE RESIDENTS ARE PREPARING TO START FOR WORK. THE ENTIRE NEW ENGLAND AREA IS URGED TO REMAIN ALERT TO ADVISORIES DURING THE REMAINDER OF TONIGHT AND EARLY THURSDAY MORNING. THESE MAY INDICATE A CHANGE IN COURSE AND INTENSITY OF THE HURRICANE.

AT MIDNIGHT HURRICANE ESTHER WAS LOCATED BY RADAR NEAR LATITUDE 38.9 NORTH AND LONGITUDE 71.8 WEST OR ABOUT 135 MILES SOUTH OF THE EASTERN TIP OF LONG ISLAND. HIGHEST WINDS ARE ABOUT 115 MILES PER HOUR OVER A SMALL AREA NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 200 MILES TOWARD THE WEST AND 350 MILES TOWARD THE EAST. SHOULD THE CENTER CUT ACROSS CAPE COD AS NOW INDICATED DAMAGING WINDS WOULD REACH COASTAL SECTIONS ON THE WESTERN SIDE OF THE STORM.

TENENBAUM

BOSTON WEATHER BUREAU SEPT 21 1961 STATEMENT ON HURRICANE ESTHER FOR MASSACHUSETTS RHODE ISLAND NEW HAMPSHIRE AND MAINE AT 2 AM EDT.

HURRICANE WARNINGS ARE NOW DISPLAYED FROM BLOCK ISLAND RHODE ISLAND TO EASTPORT MAINE. HURRICANE ESTHER IS CONTINUING ON A NORTH NORTHEAST COURSE AND IS EXPECTED TO MOVE ACROSS CAPE COD SHORTLY BEFORE NOON TODAY. IT SHOULD HEAD IN A NORTHEASTERLY DIRECTION THEREAFTER.

WINDS AND TIDES WILL BE STEADILY INCREASING TODAY. EAST TO NORTHEAST WINDS OF DESTRUCTIVE FORCE WILL REACH 75 TO 100 MPH ALONG THE NEW ENGLAND COAST NORTH OF BLOCK ISLAND. THE STRONGEST WINDS WILL OCCUR IN THE CAPE COD AND ISLANDS AREA. ALL PERSONS SHOULD TAKE IMMEDIATE ACTION TO EVACUATE BEACH AND OTHER LOW LYING AREAS FROM FALMOUTH TO CHATHAM WHERE TIDES MAY EXCEED THOSE OF THE 1944 HURRICANE. TIDES WILL BE HIGHEST ALONG SOUTHEAST CAPE COD REACHING 4 TO 8 FEET ABOVE NORMAL AND POSSIBLY HIGHER DURING THE TIME OF HIGH TIDE THURSDAY MORNING. ELSEWHERE ALONG THE COAST FROM BLOCK ISLAND NORTHWARD TIDES WILL BE 2 TO 4 FEET ABOVE NORMAL. HIGH SEAS WILL ACCOMPANY THE HIGH TIDES.

RAINS WILL SPREAD NORTHWARD ALONG THE COAST OF NORTHERN NEW ENGLAND AND WILL BECOME HEAVY WITH THUNDERSTORMS ALONG THE EASTERN PORTIONS OF RHODE ISLAND AND MASSACHUSETTS. THE ENTIRE NEW ENGLAND AREA IS URGED TO REMAIN ALERT TO LATER ADVISORIES DURING THE REMAINDER OF TONIGHT AND THURSDAY MORNING.

AT 2 AM EDT HURRICANE ESTHER WAS LOCATED BY RADAR ABOUT 110 STATUTE MILES SOUTH OF MONTAUK POINT LONG ISLAND. HIGHEST WINDS ARE ABOUT 115 MPH OVER A SMALL AREA NEAR THE CENTER OF THE HURRICANE AND GALES EXTEND OUTWARD ABOUT 200 MILES TOWARD THE WEST AND 350 MILES TO THE EAST.

SHORTLY BEFORE 2 AM EDT BLOCK ISLAND WAS REPORTING WIND GUSTS UP TO 74 MPH. AT THE SAME TIME NANTUCKET ISLAND WAS REPORTING GUSTS OF 51 MPH WITH HEAVY RAIN.

TENENBAUM

BOSTON WEATHER BUREAU SEPT 21 1961 4:00 AM EDT LOCAL STATEMENT ON HURRICANE ESTHER FOR MASSACHUSETTS RHODE ISLAND NEW HAMPSHIRE AND MAINE.

HURRICANE ESTHER APPEARS TO BE ACCELERATING TOWARDS THE NORTH NORTHEAST AND IS EXPECTED TO BEGIN CROSSING CAPE COD SEVERAL HOURS BEFORE NOON TODAY. IT SHOULD HEAD IN A NORTHEASTERLY DIRECTION THEREAFTER.

IMMEDIATE ACTION SHOULD BE TAKEN TO EVACUATE AREAS VULNERABLE TO ABNORMALLY HIGH TIDES ESPECIALLY ALONG SOUTHEASTERN CAPE COD FROM PALMOUTH TO CHATHAM WHERE THEY MAY REACH 8 FEET ABOVE NORMAL AND POSSIBLY HIGHER DURING THE TIME OF HIGH TIDE THIS MORNING. TIDES IN THIS AREA MAY EXCEED THOSE OF THE 1944 HURRICANE. ELSEWHERE ALONG THE COAST FROM BLOCK ISLAND NORTHWARD TO EASTPORT MAINE TIDES WILL RISE UP TO 4 FEET ABOVE NORMAL. HIGH SEAS WILL ACCOMPANY THE HIGH TIDES.

AT 4 AM EDT HURRICANE ESTHER WAS CENTERED ABOUT 90 STATUTE MILES SOUTH OF BLOCK ISLAND RHODE ISLAND. IT WAS MOVING TOWARD THE NORTH NORTHEAST AT ABOUT 18 MPH. HIGHEST WINDS ARE ABOUT 115 MILES PER HOUR OVER A SMALL AREA NEAR THE CENTER OF THE HURRICANE AND GALES EXTEND OUTWARD ABOUT 200 MILES TOWARD THE WEST AND 350 MILES TO THE EAST.

AT 4 AM EDT WIND GUSTS OF 62 MPH HAVE BEEN REPORTED AT BRIDGEPORT CONNECTICUT. 57 MPH AT NANTUCKET LIGHTSHIP AND 50 MPH AT NEW YORK CITY....GUSTS AS HIGH AS 90 MPH HAVE BEEN REPORTED ALONG THE SOUTHERN COAST OF LONG ISLAND.

TENENBAUM

LOCAL STATEMENT ISSUED BY WBAS CONCORD NH 5 AM EDT SEPT 21 1961

AT 4 AM EDT HURRICANE ESTHER WAS CENTERED ABOUT 90 MILES SOUTH OF BLOCK ISLAND RHODE ISLAND AND MOVING TOWARD THE NORTH NORTHEAST AT AN ACCELERATED SPEED OF 18 MPH.

NORTHEASTERLY WINDS WILL REACH HURRICANE FORCE ALONG THE NEW HAMPSHIRE COAST EARLY THIS AFTERNOON BACKING TO NORTHWEST AND DIMINISHING EARLY THIS EVENING. TIDES WILL RUN AS MUCH AS 4 FEET ABOVE NORMAL OCCASIONALLY HEAVY RAIN FROM THE CONCORD PORTSMOUTH AREAS SOUTHWARD IN NEW HAMPSHIRE WILL END LATE THIS AFTERNOON OR EVENING.

SPINELLI

US WEATHER BUREAU PROVIDENCE RHODE ISLAND SEPTEMBER 21 1961 5:45 AM EDT

LOCAL STATEMENT ON TIDES IN THE NARRAGANSETT BAY AREA

THE NARRAGANSETT BAY AREA IS NOW EXPERIENCING SOME MINOR FLOODING OF LOW LYING SHORE AREAS WITH THE WATER LEVEL AT PROVIDENCE MEASURING 7.5 FEET ABOVE MEAN LOW WATER. THIS IS APPROXIMATELY 2.5 TO 3.0 FEET ABOVE NORMAL AT THIS TIME.

THIS LEVEL IS CAUSING SOME FLOODING OF STRUCTURES SUCH AS FINGER PIERS AND SEAWALLS ALONG THE BAYSHORE.

SINCE THIS IS THE TIME OF OUR NORMAL HIGH TIDE ...5:46 AM EDT AT PROVIDENCE...WE CAN EXPECT THE WATER LEVEL TO REcede DURING THE NEXT FEW HOURS AND THEN RISE RAPIDLY AGAIN AS HURRICANE ESTHER MOVES ONTO THE SOUTHEASTERN MASSACHUSETTS SHORE.

PRESENT THINKING IS THAT THE FLOOD TIDE DURING THE PASSAGE OF HURRICANE ESTHER WILL BE APPROXIMATELY 6 FEET ABOVE NORMAL AT THE MOUTH OF BAY AND NEAR 8 FEET ABOVE NORMAL IN THE CITY OF PROVIDENCE.

THIS WILL LIKELY COINCIDE WITH OUR MORNING LOW TIDE AND THEREBY GIVE US WATER LEVELS IN THE NEIGHBORHOOD OF 8 TO 9 FEET ABOVE MEAN LOW WATER IN THE UPPER BAY REGION.

SUCH A HURRICANE TIDE WILL FLOOD LOW LYING AREAS TO A DEPTH OF 2 TO 3 FEET BUT WILL NOT CAUSE ANY SIGNIFICANT FLOODING IN THE CITY OF PROVIDENCE RI.

FURTHER LOCAL STATEMENTS WILL BE ISSUED AS REQUIRED.

LYNDE

LOCAL STATEMENT WEATHER BUREAU OFFICE NEW YORK CITY 6 AM EDT SEPT 21 1961.

THE HURRICANE WATCH HAS BEEN LIFTED FOR NORTHERN NEW JERSEY AND AREAS IMMEDIATELY TO THE NORTH OF NEW YORK CITY. IT REMAINS IN EFFECT HOWEVER FOR NEW YORK CITY WESTERN LONG ISLAND AND CONNECTICUT ESPECIALLY FOR OPEN WATERS AND EXPOSED PLACES. HURRICANE WARNINGS ARE DISPLAYED FOR EASTERN LONG ISLAND.

AT 6 AM EDT HURRICANE ESTHER WAS CENTERED AT LATITUDE 40.3 NORTH AND LONGITUDE 71.5 WEST OR ABOUT 65 MILES SOUTH OF BLOCK ISLAND AND MOVING TOWARDS THE NORTHNORTHEAST AT 17 MPH. GALE FORCE WINDS AND RAINS ARE CURRENTLY REPORTED FROM THE SOUTH JERSEY COAST NORTHWARD WHILE WINDS NEAR HURRICANE FORCE ARE REPORTED OVER THE EASTERN END OF LONG ISLAND. TIDES ARE RUNNING FROM ABOUT A FOOT AND A HALF ABOVE NORMAL IN SOUTHERN NEW JERSEY TO 5 TO 6 FEET ABOVE IN LONG ISLAND. WINDS ARE EXPECTED TO INCREASE SOME OVER EASTERN LONG ISLAND FOR A TIME BUT AS THE HURRICANE CONTINUES ITS MOVEMENT DURING THE DAY CONDITIONS WILL BEGIN TO IMPROVE IN SOUTH JERSEY BY MID MORNING AND ELSEWHERE A LITTLE LATER WITH RAINS ENDING...CLOUDS BREAKING SOME...AND WINDS AND TIDES SUBSIDING.

KNUDSEN

LOCAL STATEMENT ON HURRICANE ESTHER FOR CONNECTICUT AND THE SPRINGFIELD AREA OF MASSACHUSETTS BY THE U S WEATHER BUREAU BRADLEY FIELD HARTFORD CONN 6:30 AM EDT THURSDAY SEPT 21 1961

HURRICANE WATCH IS IN EFFECT FOR CONNECTICUT AND ALL INTERESTS SHOULD KEEP IN TOUCH WITH THE LATEST INFORMATION ON THE HURRICANE.

AT 6 AM HURRICANE ESTHER WAS LOCATED ABOUT 65 MILES SOUTH OF BLOCK ISLAND RHODE ISLAND MOVING TOWARDS THE NORTH NORTHEAST ABOUT 17 MPH. HURRICANE ESTHER IS FORECAST TO CONTINUE MOVING TOWARDS THE NORTH NORTHEAST WITH A SLIGHT INCREASE IN SPEED DURING THE NEXT 12 TO 24 HOURS. THIS MOVEMENT WOULD CARRY THE EYE OF THE STORM 30 TO 40 MILES EAST OF THE SOUTHEASTERN CONNECTICUT BORDER. THUS CONNECTICUT AND THE SPRINGFIELD AREA WILL MISS THE MAIN BRUNT OF THE STORM. HOWEVER ESTHER IS A LARGE QUITE SEVERE STORM AND GALE WINDS EXTEND ABOUT 200 MILES WESTWARD FROM HER CENTER. GALE WINDS GENERALLY 40 TO 50 MPH OVER WESTERN CONNECTICUT AND THE SPRINGFIELD AREA AND 50 TO 60 WITH HIGHER GUSTS EASTERN CONNECTICUT DIMINISHING BY MID AFTERNOON AS THE STORM MOVES TO THE NORTHEAST OF CONNECTICUT. MODERATE TO HEAVY RAINS THIS MORNING AND EARLY AFTERNOON WILL DIMINISH BY MID AFTERNOON ALSO.

TIDES ALONG THE CONNECTICUT SHORE WILL RUN FOUR TO SIX FEET ABOVE NORMAL AND POSSIBLY SIX TO EIGHT FEET ABOVE ALONG EXTREME SOUTHEASTERN CONNECTICUT. HIGH TIDE IS NEAR 7 AM SOUTHEASTERN CONNECTICUT AND 9 AM SOUTHWESTERN CONNECTICUT AND ALL INTERESTS WHO HAVE NOT ALREADY DONE SO SHOULD TAKE PROPER ACTION AGAINST LOCAL FLOODING. TIDES WILL RUN MORE TOWARD NORMAL IN THE AFTERNOON.

THE NEXT LOCAL STATEMENT WILL BE ISSUED BY THE WEATHER BUREAU AT BRADLEY FIELD AT NOON TODAY.

LOCAL STATEMENT ON HURRICANE ESTHER ISSUED 630 AM EDT SEPT 21 1961 BY DEPT OF COMMERCE WEATHER BUREAU PORTLAND MAINE

HURRICANE WARNINGS ARE DISPLAYED ALONG THE MAINE COAST AT 6 AM ESTHER WAS CENTERED 200 MILES SOUTHSOUTHWEST OF PORTLAND AND MOVING TOWARD THE NORTHEAST AT 17 MILES PER HOUR. WIND SPEED NEAR THE STORM CENTER IS ABOUT 115 MILES PER HOUR. WINDS ALONG THE MAINE COAST WILL INCREASE THIS MORNING AND ARE EXPECTED TO REACH HURRICANE FORCE OF 75 MILES PER HOUR OR HIGHER THIS AFTERNOON. RAINS WILL BECOME HEAVY AT TIMES DURING THE DAY. TIDES WILL RUN UP TO FOUR FEET ABOVE NORMAL AND SEAS WILL BE HIGH. SOME TIDAL FLOODING MAY OCCUR AT TIME OF HIGH TIDE.

WEATHER BUREAU BOSTON MASS. SEPT 21 1961

LOCAL STATEMENT ON HURRICANE ESTHER FOR BOSTON AND VICINITY AREA 7 AM EASTERN DAYLIGHT TIME

HURRICANE WARNINGS WERE POSTED ALONG THE COAST OF THE BOSTON AREA EARLY THIS MORNING. WINDS HAVE BEEN INCREASING DURING THE PAST SEVERAL HOURS WITH GUSTS REACHING 47 MPH. THE WINDS ARE EXPECTED TO REACH 75 TO 85 MPH LATER THIS MORNING BUT TO DIMINISH DURING THE AFTERNOON. HEAVY RAINS WILL CONTINUE UNTIL EARLY AFTERNOON AND A FEW THUNDERSTORMS ARE POSSIBLE DURING THE LATTER PART OF THE AFTERNOON. ABNORMALLY HIGH TIDES THIS MORNING WILL REACH ABOUT 4 FEET ABOVE NORMAL. THIS WILL BE ADDED TO THE NORMAL HIGH TIDE OF 9.7 FEET WHICH WILL OCCUR AT 8:54 AM EDT.

AT 6 AM EDT THIS MORNING HURRICANE ESTHER WAS LOCATED ABOUT 65 MILES SOUTH OF BLOCK ISLAND RHODE ISLAND. THE CENTER OF THE STORM IS EXPECTED TO REACH SOUTHERN CAPE COD ABOUT 10 AM EDT THIS MORNING. IT SHOULD MOVE ALONG THE CAPE AT ABOUT 17 MPH AND ACCELERATE TOWARDS THE NORTHEAST LATER TODAY.

TORRENTIAL RAINS ARE EXPECTED TO ACCOMPANY THE HURRICANE IN EASTERN MASSACHUSETTS. AT 7 AM EDT MORE THAN AN INCH AND A HALF OF RAIN HAD ALREADY FALLEN AT THE LOGAN AIRPORT WEATHER OBSERVATORY. A TOTAL OF 3 TO 4 INCHES WILL LIKELY FALL IN THE BOSTON AREA BY LATE AFTERNOON.

TRACKING OF THE HURRICANE DURING THE NIGHT WAS PERFORMED BY WEATHER BUREAU RADARS AT ATLANTIC CITY NEW YORK CITY AND BY AN AIR DEFENSE COMMAND RADAR AT NORTH TRURO MASSACHUSETTS. THE EYE OF THE STORM WAS SO DIFFUSE THAT THE STORM APPEARED TO BE FOLLOWING AN ERRATIC PATH NORTH NORTHEASTWARD. THE DIFFUSE EYE IS A CHARACTERISTIC OF MATURE HURRICANES AND WILL UNDOUBTEDLY MAKE IT DIFFICULT TO PREDICT THE EXACT POINT OF PENETRATION ON SOUTHERN CAPE COD AT THIS TIME.

TENENBAUM

LOCAL STATEMENT WEATHER BUREAU OFFICE NEW YORK CITY AS OF 9 AM EDT SEPT 21 1961

THE HURRICANE WATCH HAS BEEN LIFTED FOR NORTHERN NEW JERSEY AND AREAS IMMEDIATELY TO THE NORTH OF NEW YORK CITY. IT REMAINS IN EFFECT FOR NEW YORK CITY WESTERN LONG ISLAND AND CONNECTICUT. HURRICANE WARNINGS REMAIN DISPLAYED FOR EASTERN LONG ISLAND. GALE WARNINGS REMAIN DISPLAYED FOR WESTERN LONG ISLAND AND SOUTHWARD TO CAPE MAY NEW JERSEY.

AT 8 AM EDT HURRICANE ESTHER WAS CENTERED ABOUT 50 MILES SOUTH OF BLOCK ISLAND. THE STORM WAS MOVING TOWARD THE NORTH NORTHEAST AT ABOUT 17 MPH.

GALE FORCE WINDS AND RAINS ARE CURRENTLY REPORTED ALONG THE NEW JERSEY COAST AND NORTHWARD WHILE WINDS NEAR HURRICANE FORCE ARE REPORTED NEAR THE EASTERN END OF LONG ISLAND. TIDES ARE RUNNING ABOUT A FOOT AND A HALF ABOVE NORMAL ALONG THE NEW JERSEY COAST AND THE NEW YORK HARBOR AREA.

TIDES THIS MORNING WILL RUN ONE TO TWO FEET ABOVE NORMAL ALONG THE NEW JERSEY COAST AND THE NEW YORK HARBOR AREA. 3-6 FEET ABOVE NORMAL IN LONG ISLAND SOUND AND ALONG THE SOUTH SHORE OF SUFFOLK COUNTY.

WINDS ARE EXPECTED TO INCREASE FOR A TIME OVER THE EASTERN END OF LONG ISLAND BUT AS THE HURRICANE CONTINUES ITS MOVEMENT TOWARDS THE NORTH NORTHEAST DURING THE DAY CONDITIONS WILL IMPROVE SLOWLY IN SOUTHERN NEW JERSEY THIS MORNING AND ELSEWHERE A LITTLE LATER WITH WINDS AND TIDES SUBSIDING THIS AFTERNOON.

KNUDSEN

U S WEATHER BUREAU PROVIDENCE RHODE ISLAND SEPT 21 1961 1030 AM EDT

LOCAL STATEMENT ON TIDAL FLOODING IN THE NARRAGANSETT BAY AREA

LATEST RADAR REPORTS SHOW THAT HURRICANE ESTHER HAS NOW SLOWED DOWN AND IS SHOWING SOME SIGNS OF WEAKENING. AT 10 O'CLOCK THIS MORNING IT WAS LOCATED SOME 50 MILES SOUTHSOUTHEAST OF BLOCK ISLAND AND MOVING TOWARD THE NORTHEAST AT 5 MPH.

THIS CHANGE IN FORWARD SPEED WILL DELAY THE ARRIVAL OF THE STORM ONTO THE SOUTHEASTERN NEW ENGLAND COAST. IT WILL ALSO MEAN THAT PREVIOUS FORECASTS OF STORM TIDE ELEVATIONS FOR THE NARRAGANSETT BAY AREA REQUIRE REVISION.

BEST ESTIMATE AT THIS TIME IS THAT TIDES WILL RUN 3 TO 6 FEET ABOVE NORMAL LOCALLY DURING THE AFTERNOON WITH SOME FLOODING OF LOW LYING SHORE AREAS AT THE TIME OF HIGH TIDE.

FURTHER STATEMENTS WILL BE ISSUED AS REQUIRED.

LYNDE

U S DEPT OF COMMERCE WEATHER BUREAU PHILADELPHIA PA WEATHER STATEMENT ISSUED 9 AM EDT SEPT 21 1961

HURRICANE ESTHER THIS MORNING WAS 50 MILES SOUTH OF BLOCK ISLAND RHODE ISLAND AND IS MOVING NORTH NORTHEAST AT ABOUT 17 MPH. THE HURRICANE IS EXPECTED TO PASS ACROSS CAPE COD LATER THIS MORNING. ALL WARNINGS HAVE BEEN LOWERED IN THE LOCAL AREA AS WELL AS THROUGH NEW JERSEY. RAINFALL AMOUNTS FROM THIS STORM WERE ABOUT 1 INCH IN THE PHILADELPHIA AREA TO OVER 4 INCHES REPORTED AT ATLANTIC CITY. WINDS WERE NEAR GALE FORCE IN THE PHILADELPHIA AREA LAST NIGHT AND WILL DIMINISH SLOWLY TODAY.

THIS WILL BE THE LAST STATEMENT ISSUED IN THIS STORM.

LOCAL STATEMENT ON HURRICANE ESTHER FOR CONNECTICUT AND THE SPRINGFIELD AREA OF MASS. ISSUED AT 1230 PM DAYLIGHT TIME THURSDAY SEPTEMBER 21 1961 BY US WEATHER BUREAU BRADLEY FIELD HARTFORD CONN.

THE HURRICANE WATCH FOR CONNECTICUT WAS CANCELED LATE THIS MORNING. AT 12 NOON HURRICANE ESTHER WAS LOCATED NEAR LATITUDE 40.7 NORTH AND LONGITUDE 71.4 WEST OR ABOUT 50 MILES SOUTHEAST OF EXTREME SOUTHEASTERN CONNECTICUT. IT IS MOVING TOWARD THE NORTH NORTHEAST AT ABOUT 10 MPH.

HURRICANE ESTHER HAS DECREASED SLIGHTLY IN INTENSITY DURING THE PAST 12 HOURS BUT IT IS STILL A DANGEROUS STORM.

NORTHEAST TO NORTH WINDS 30 TO 50 MPH OVER WESTERN CONNECTICUT AND THE SPRINGFIELD AREA AND 40 TO 60 MPH WITH HIGHER GUSTS OVER EASTERN SECTIONS CONTINUING THIS AFTERNOON AND SLOWLY DIMINISHING TONIGHT. RAIN OCCASIONALLY HEAVY THIS AFTERNOON WILL TAPER OFF AND END THIS EVENING OR TONIGHT. TIDES HAVE BEEN RUNNING ABOUT 3 TO 6 FEET ABOVE NORMAL ALONG THE CONNECTICUT SHORE AND ARE NOW SLOWLY RECEDING HOWEVER THEY WILL STILL BE ABOVE NORMAL AT HIGH TIDE BETWEEN 7 AND 9 PM THIS EVENING.

THE NEXT LOCAL STATEMENT WILL BE ISSUED BY THIS OFFICE AT ABOUT 630 PM THIS EVENING.

MAHAR

LOCAL STATEMENT ON HURRICANE ESTHER IN THE RHODE ISLAND AREA US WEATHER BUREAU PROVIDENCE RHODE ISLAND SEPT 21 1961 3 PM EDT

HURRICANE ESTHER WHICH HAS REMAINED NEARLY STATIONARY OFF THE SOUTHERN NEW ENGLAND COAST SINCE EARLY THIS MORNING CONTINUES TO WEAKEN.

IT IS STILL A DANGEROUS STORM WITH REGARD TO THE COASTAL WATERS AND INTERESTS SHOULD REMAIN AWAY FROM THE LOW LYING COASTAL AREAS UNTIL AFTER HIGH TIDE THIS EVENING.

WITHIN THE NARRAGANSETT BAY TIDES ARE NOW RUNNING ONLY 1 TO 2 FEET ABOVE NORMAL AND ARE NOT EXPECTED TO CHANGE MATERIALLY DURING THE BALANCE OF THE DAY.

THIS WILL MEAN THAT THE EVENING HIGH TIDE WHICH OCCURS AT 610 PM EDT AT PROVIDENCE WILL BE IN THE NEIGHBORHOOD OF 7.0 FEET ABOVE MEAN LOW WATER OR APPROXIMATELY 1/2 FOOT LOWER THAN THIS MORNINGS HIGH TIDE. ONLY MINOR FLOODING OF SOME LOW LYING AREAS ALONG THE BAYSHORE SHOULD BE EXPECTED AT HIGH TIDE THIS EVENING.

WINDS WHICH HAVE BEEN GUSTING TO 65 MPH AT BLOCK ISLAND AND TO 37 MPH AT HILLSGROVE EARLY THIS AFTERNOON WILL GRADUALLY DIMINISH TONIGHT.

THE PROLONGED HEAVY RAINS IN RHODE ISLAND THAT NOW TOTAL OVER 4 INCHES AT PROVIDENCE MAY RESULT IN SOME FLASH FLOODING OF THE SMALLER STREAMS. RIVER INTERESTS SHOULD REMAIN ALERT FOR POSSIBLE BULLETINS ON THIS SUBJECT LATER TODAY OR TONIGHT.

LYNDE

LOCAL STATEMENT WEATHER BUREAU OFFICE NEW YORK CITY 5 PM EDT SEPTEMBER 21 1961

HURRICANE WARNINGS ARE NO LONGER IN EFFECT FOR EASTERN LONG ISLAND TO BLOCK ISLAND HOWEVER GALE WARNINGS ARE IN EFFECT FROM BLOCK ISLAND TO CAPE MAY AND SURROUNDING WATERS. AT 5 PM EDT THE EYE OF HURRICANE ESTHER WAS RATHER DIFFUSE HOWEVER FROM RADAR REPORTS AT NEW YORK CITY IT WAS LOCATED AT APPROXIMATELY 22 MILES SOUTHSOUTHWEST OF MARTHAS VINEYARD AND MOVING IN A NORTH NORTHEASTWARD DIRECTION AT 9 MPH.

TIDES IN THE NEW YORK HARBOR AREA WILL BE 1 TO 2 FEET ABOVE NORMAL AND 2 TO 5 FEET ABOVE NORMAL TOWARDS THE EASTERN PORTIONS OF LONG ISLAND. ROUGH SEAS WILL PREVAIL THROUGH TONIGHT AND MOST OF FRIDAY AND THERE WILL BE A GRADUAL DIMINISHING OF THE WINDS TOWARDS FRIDAY MORNING.

LOCAL STATEMENT WEATHER BUREAU AIRPORT STATION EAST BOSTON MASS SEPT 21 1961

STORM ESTHER CONTINUES TO WEAKEN AND TO MOVE ON A MORE EASTERLY COURSE. LATE THIS EVENING THE CENTER WAS NOT FAR TO THE SOUTH OF NANTUCKET ISLAND...BUT EVEN SO THE WIND THERE WAS A RATHER LIGHT 23 MILES PER HOUR...WITH GUSTS ONLY TO 33. AS THE STORM CONTINUES EAST...WINDS ALONG COASTAL SECTIONS WILL DIMINISH FURTHER AND BECOME MORE NORTHWESTERLY. GALE WARNINGS ARE STILL EFFECTIVE ALONG THE NEW ENGLAND COAST...BUT THESE WILL PROBABLY BE CHANGED TO SMALL CRAFT WARNINGS LATER TONIGHT. SEAS WILL CONTINUE QUITE HIGH ALONG THE COAST WELL INTO TOMORROW. RAIN NOW FALLING IN SOUTHERN NEW ENGLAND AND IN THE SOUTHERN PORTIONS OF NEW HAMPSHIRE AND MAINE WILL TAPER OFF DURING THE NIGHT AND END IN MOST SECTIONS EXCEPT SOUTHEASTERN MAINE BY DAYBREAK. FRIDAY PROMISES TO BE FAIR AND WARM THROUGHOUT THE AREA...AND THE MILD CONDITIONS SHOULD CONTINUE THROUGH FRIDAY NIGHT. HURRICANE ESTHER HAS BEEN A THREAT TO THE ATLANTIC COASTAL SECTIONS SINCE SHE WAS FIRST OBSERVED OVER A WEEK AGO. FORTUNATELY THE STORM BEGAN TO DIMINISH IN INTENSITY LAST NIGHT. EARLY THIS MORNING IT WAS STILL STRONG ENOUGH TO GIVE NANTUCKET LIGHTSHIP A WIND OF 97 MILES PER HOUR...WELL IN THE HURRICANE FORCE RANGE...BUT THAT WAS THE HIGHEST WIND REPORTED. SINCE THAT TIME STEADY ABATEMENT HAS TAKEN PLACE. SOME QUITE HEAVY RAINS...INCLUDING 2.74 INCHES AT BOSTON...3.83 AT WORCESTER...AND ALMOST 5 INCHES AT PROVIDENCE...HAVE POSED THE PROBLEM OF FLASH FLOODING...ESPECIALLY IN SOUTHERN NEW ENGLAND. RIVER INTERESTS SHOULD REMAIN ALERT FOR FURTHER BULLETINS ON FLOODING LATE TONIGHT OR ON FRIDAY.

U S WEATHER BUREAU PROVIDENCE RHODE ISLAND SEPT 25 1961 915 AM EDT

LOCAL STATEMENT ON THE ODYSSEY OF ESTHER

HURRICANE ESTHER WHICH VISITED OUR SHORES LAST THURSDAY AND THEN TURNED ABRUPT LY SEAWARD HAS MEANDERED SOME 300 TO 400 MILES OFFSHORE TO THE SOUTHEAST OF NANTUCKET ISLAND OVER THE WEEKEND.

THE REMNANTS OF ESTHER NOW JUST A LOW PRESSURE AREA WITH HIGHEST WINDS AROUND 40 KNOTS NEAR HER CENTER HAS MOVED IN A LARGE CIRCULATION PATH ABOUT 300 MILES IN DIAMETER AND LYING ABOUT MIDWAY BETWEEN BOSTON AND BERMUDA.

THIS MORNING THE CENTER OF LOWEST PRESSURE WAS LOCATED ABOUT 200 MILES SOUTH OF NANTUCKET AND MOVING NORTHWARD ON THIS ORBIT.

WHAT THIS MEANS IN TERMS OF LOCAL WEATHER IS THAT CONDITIONS WILL CONTINUE UNSETTLED UNTIL LATE TOMORROW OR WEDNESDAY WITH PERIODS OF SHOWERS AND RAIN. WINDS WILL FRESHEN UP FROM THE NORTHEASTERLY QUADRANT AND MAY REQUIRE THE DISPLAY OF MARINE WARNINGS LATER TODAY. TIDES WHICH ARE NOW RUNNING HIGH DUE TO THE PHASE OF THE MOON WILL CONTINUE TO CAUSE SOME MINOR FLOODING OF LOW LYING AREAS ALONG THE SHORE AT THE TIMES OF HIGH TIDE AT LEAST THROUGH TUESDAY.

LYNDE