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U. S. Weather Bureau.

Hurricane Ella, October 11-22, 1962;  
preliminary report with advisories and  
bulletins issued.

U. S. DEPARTMENT OF COMMERCE

U.S. WEATHER BUREAU

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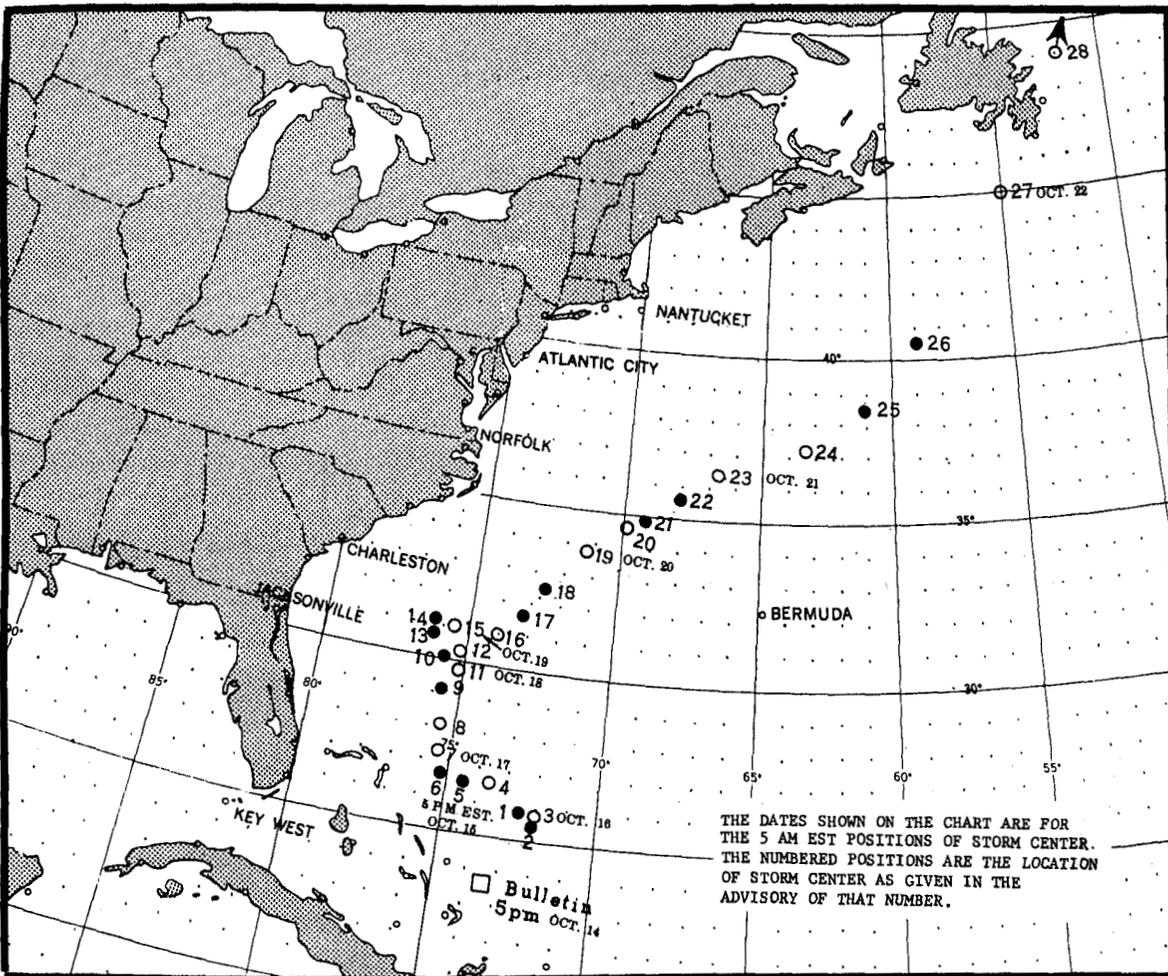
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# HURRICANE ELLA

## OCTOBER 14-22, 1962

*Preliminary Report with Advisories and Bulletins Issued.*



[Washington]

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# National Oceanic and Atmospheric Administration Weather Bureau Hurricane Series

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HURRICANE ELLA  
OCTOBER 14 - 22, 1962  
PRELIMINARY REPORT

On October 13, above normal shower activity was noted in the Atlantic northeast of the Bahamas, an area with a low frequency of tropical cyclone development. The following day, however, reconnaissance aircraft and ship reports confirmed the development of a weak tropical depression with winds of 30-35 mph and a central pressure of 1008 millibars (29.77 inches).

Slow intensification continued during the night and following day. Following earlier bulletins, the first advisory issued by the Miami Weather Bureau office at 5 PM EST, October 15 warned that the tropical depression had grown to tropical storm strength - pressure had fallen to 1002 millibars (29.59 inches) and maximum winds were now up to 45 mph.

Moving on a westward course through the 16th, ELLA then began a slow northward movement away from the Bahamas. Reconnaissance aircraft continued probing the storm and reported the first hurricane force winds about midday on the 17th. Also observed was an unusually large eye of 100 miles in diameter, and measurements showed that the central pressure had dropped to 984 millibars (29.06 inches). Due to the expanding circulation and moderate to rough seas, gale warnings were issued for the area from Cape Hatteras, North Carolina to Georgetown, South Carolina.

During October 18, Hurricane ELLA remained almost stationary about 350 miles east of Jacksonville, Florida. Winds of 30 to 40 mph and rough seas were occurring along coastal areas, as well as some beach erosion along the South Carolina coast. Little indication of the future movement of ELLA could be gathered from the wind conditions at upper levels, but a slight northwestward movement late in the day prompted a hurricane watch to be announced for the Nags Head to Wilmington area. However, early on the 19th, ELLA began a consistent and accelerating northeastward movement which was maintained through the 22nd. The hurricane passed across eastern Newfoundland and, after losing its tropical characteristics, persisted as a major North Atlantic storm south of Greenland.

No hurricane force winds occurred along any U. S. coastal areas and only a few gusts reached gale force. Tides were reported up to 3 feet above normal in eastern North Carolina, but no significant flooding or damage was reported. Two men were reported missing and are now presumed dead after their small boat failed to return to port near the mouth of the Edisto River in South Carolina.

Coastal radars were able to "see only the outer precipitation bands of ELLA, when they approached to within 60 miles of the coast. The eye of the storm remained beyond radar range. (The orbits of TIROS satellites V and VI were such that picture-taking north of the equator was not possible during this time.)

Probably the most noteworthy of the reports received about Hurricane ELLA were those from the British ship NAESS CAVALIER, which passed very near the center. An example of one is the following report received on the 19th:

191500Z

BRITISH SHIP NAESS CAVALIER HOVE TO ON COURSE 250 AT 30.25 N 74.20 W. WIND SW BY W AT 100 MPH. BAROMETER 970 MILLIBARS. RISING TEMPERATURE 73. SEAS 45 FEET. VISIBILITY NIL IN SPINDRIFT [SEA SPRAY].

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 5 PM EST OCTOBER 14 1962.

THE TROPICAL DEPRESSION NOTED THIS MORNING IN THE SOUTHEASTERN BAHAMAS WAS LOCATED AT 5 PM EST AT APPROXIMATELY LATITUDE 23.8 NORTH AND LONGITUDE 73.1 WEST. THIS POSITION IS ABOUT 100 MILES EASTSOUTHEAST OF SAN SALVADOR IN THE BAHAMAS AND 480 STATUTE MILES EASTSOUTHEAST OF MIAMI.

THE DEPRESSION APPEARS TO BE DRIFTING VERY SLOWLY WESTNORTHWEST OR NORTHWEST AT ABOUT 7 MPH ATTENDED BY WINDS OF 30 TO 35 MPH IN A FEW SQUALLS IN THE NORTHERN SEMICIRCLE. LOWEST PRESSURE IN THE CENTER IS 1008 MBS OR 29.77 INCHES.

A CONTINUED RATHER SLOW MOVEMENT TOWARD THE WESTNORTHWEST TO NORTHWEST IS INDICATED FOR THE NEXT 12 TO 24 HOURS WITH ONLY A VERY SLOW INCREASE IN INTENSITY.

MODERATELY ROUGH SEAS HAVE BEEN REPORTED OUTWARD SOME 150 STATUTE MILES IN THE NORTHERN SEMICIRCLE AND SMALL CRAFT IN THE OUT ISLANDS IN THE BAHAMAS AND IN THE VICINITY OF THE DISTURBANCE SHOULD EXERCISE CAUTION.

THE NEXT BULLETIN WILL BE ISSUED WHEN WARRANTED BY ADDITIONAL INFORMATION.

DUNN

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 1030 PM EST OCTOBER 14 1962.

AT 1030 PM EST THE TROPICAL DEPRESSION ON THE BASIS OF SHIP AND ISLAND REPORTS WAS LOCATED AT APPROXIMATELY LATITUDE 23.9 NORTH AND LONGITUDE 73.3 WEST. THIS POSITION IS APPROXIMATELY 80 STATUTE MILES EAST OF SAN SALVADOR IN THE BAHAMAS AND 460 MILES EASTSOUTHEAST OF MIAMI.

THE DEPRESSION APPEARS TO BE DRIFTING VERY SLOWLY WESTNORTHWESTWARD AT 5 MPH OR LESS ATTENDED BY WINDS OF 30 TO 35 MPH IN A FEW SQUALLS IN THE NORTHERN SEMICIRCLE. ONE SHIP ABOUT 60 MILES NORTH OF SAN SALVADOR REPORTED A SQUALL OF 35 TO 40 MPH EARLY THIS EVENING.

THE DISTURBANCE WILL CONTINUE TO DRIFT VERY SLOWLY WESTNORTHWEST TO NORTHWEST DURING TONIGHT. NO RAPID INTENSIFICATION IS INDICATED.

SEVERAL STATIONS IN THE EAST CENTRAL BAHAMAS AS WELL AS SHIPS OUT AS MUCH AS 175 MILES IN THE NORTHERN SEMICIRCLE REPORT ROUGH SEAS AND SMALL CRAFT IN THE OUT ISLANDS IN THE BAHAMAS SHOULD REMAIN IN SAFE HARBOR UNTIL THE STORM PASSES. ALL SMALL CRAFT WITHIN A 200 MILE RADIUS OF THE CENTER SHOULD EXERCISE CAUTION.

A NAVY HURRICANE HUNTER PLANE WILL CHECK THE STORM MONDAY MORNING AND A WEATHER BUREAU RESEARCH PLANE WILL INVESTIGATE THE STORM AREA LATER IN THE DAY.

THE NEXT BULLETIN WILL BE ISSUED WHEN WARRANTED BY ADDITIONAL INFORMATION.

DUNN

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 6 AM EST OCTOBER 15 1962.

AT 6 AM EST CENTER OF THE TROPICAL DEPRESSION WAS NEAR LATITUDE 24 LONGITUDE 73.5 OR 60 MILES EAST OF SAN SALVADOR IN THE BAHAMAS AND ABOUT 450 STATUTE MILES EASTSOUTHEAST OF MIAMI. HIGHEST WINDS ARE 30 TO 40 MPH IN A FEW SQUALLS WITHIN 200 MILES OF THE CENTER.

INDICATIONS ARE FOR A GRADUAL INCREASE IN INTENSITY TODAY WITH A SLOW DRIFT TOWARD THE NORTHWEST.

SMALL CRAFT THRU THE CENTRAL AND EASTERN BAHAMAS AND ESPECIALLY THOSE IN THE OUTER ISLAND SHOULD NOT VENTURE FAR FROM PORT.

NEXT BULLETIN WILL BE AROUND NOON TODAY AFTER THE AREA HAS BEEN CHECKED BY NAVY RECONNAISSANCE PLANE.

KRAFT

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 1100 AM EST OCTOBER 15 1962.

AT 1100 AM EST BASED ON SHIP REPORTS AND NAVY AIRCRAFT RECONNAISSANCE THE TROPICAL DEPRESSION WAS LOCATED AT APPROXIMATELY LATITUDE 24.8 NORTH AND LONGITUDE 72.7 WEST. THIS POSITION IS ABOUT 125 STATUTE MILES EASTNORTHEAST OF SAN SALVADOR IN THE BAHAMAS AND 490 MILES EASTSOUTHEAST OF MIAMI.

THE DEPRESSION WAS TURNED MORE TO THE NORTH DURING THE PAST FEW HOURS MOVING ABOUT 5 MPH. 25 TO 30 MPH SQUALLS ARE FREQUENT IN THE NORTHERN SEMICIRCLE OCCASIONALLY 30 TO 40 MPH. LOWEST PRESSURE IN THE CENTER IS ESTIMATED AT 1005 MBS OR 29.68 INCHES. THE CIRCULATION NOW COVERS A LARGE AREA FROM SOUTH OF BERMUDA TO THE BAHAMAS EASTERN CUBA AND HISPANIOLA. MODERATE SQUALLS EXTEND OUTWARD SOME 300 TO 350 MILES TO THE NORTH OF THE CENTER.

VERY SLOW MOVEMENT OF THE DISTURBANCE IS INDICATED DURING THE NEXT 24 HOURS PROBABLY BETWEEN NORTH AND NORTHEAST DURING THE NEXT 12 HOURS. INTENSITY WILL NOT CHANGE MATERIALLY ALTHOUGH SOME SLOW LOWERING OF THE CENTRAL PRESSURE IS LIKELY.

ROUGH SEAS ARE REPORTED OVER A LARGE AREA IN THE NORTHERN SEMICIRCLE AND AT SEVERAL ISLANDS IN THE EAST CENTRAL BAHAMAS THIS MORNING. SMALL CRAFT IN THE OUT ISLANDS OF THE BAHAMAS AND IN THE STORM AREA SHOULD EXERCISE CAUTION.

THE DISTURBANCE WILL BE UNDER SURVEILLANCE OF WEATHER BUREAU RESEARCH AIRCRAFT THIS AFTERNOON.

THE NEXT BULLETIN WILL BE ISSUED AT 5 PM EST.

DUNN

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 1 ELLA 5 PM EST OCTOBER 15 1962.

THE TROPICAL DEPRESSION WHICH HAS BEEN UNDER SURVEILLANCE DURING THE PAST 36 HOURS HAS INCREASED IN INTENSITY DURING THE DAY AND IS NOW A TROPICAL STORM. BASED ON AIRCRAFT RECONNAISSANCE TROPICAL STORM ELLA AT 5 PM EST...2200Z...WAS CENTERED AT LATITUDE 25.8 NORTH AND LONGITUDE 72.4 WEST. THIS POSITION IS ABOUT 185 STATUTE MILES NORTHEAST OF SAN SALVADOR IN THE BAHAMAS AND 485 MILES DUE EAST OF MIAMI.

THE STORM IS CURRENTLY MOVING IN A GENERAL NORTHERLY DIRECTION AT ABOUT 6 MPH. MAXIMUM WINDS OF 45 MPH ARE OCCURRING IN A FEW SQUALLS NEAR THE CENTER. OCCASIONAL GALE WINDS IN SQUALLS EXTEND OUTWARD SOME 350 MILES IN THE NORTHERN SEMICIRCLE AND 65 MILES IN THE SOUTHERN SEMICIRCLE.

LOWEST PRESSURE REPORTED THIS AFTERNOON IN THE CENTER WAS 1002 MILLIBARS OR 29.59 INCHES. THE STORM WILL CONTINUE TO INTENSIFY SLOWLY DURING THE NEXT 24 HOURS BUT REMAIN POORLY ORGANIZED. A RATHER SLOW MOVEMENT OF THE STORM IS INDICATED DURING THE NEXT 24 HOURS PROBABLY 7 MPH OR LESS. A GENERAL NORTHERLY MOVEMENT IS LIKELY DURING THE NEXT 12 HOURS TURNING MORE TO THE NORTHWEST THEREAFTER.

ROUGH SEAS ARE REPORTED OVER A LARGE AREA IN THE NORTHERN SEMICIRCLE AND AT SOME OF THE OUTER BAHAMA ISLANDS. SMALL CRAFT IN THE OUT ISLANDS OF THE BAHAMAS AND IN THE STORM AREA SHOULD EXERCISE CAUTION. BECAUSE OF THE LARGE SIZE OF THE STORM WINDS WILL BECOME FRESH CLOSE TO THE U. S. SOUTH ATLANTIC COAST BY LATE TUESDAY.

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

DUNN

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 2 ELLA 11 PM EST OCTOBER 15 1962.

AT 11 PM EST...0400Z...TROPICAL STORM ELLA WAS CENTERED NEAR LATITUDE 25.3 NORTH LONGITUDE 72.0 WEST. THIS POSITION IS ABOUT 170 MILES NORTHEAST OF SAN SALVADOR ISLAND IN THE BAHAMAS AND 495 MILES EAST OF MIAMI. THE STORM HAS REMAINED ESSENTIALLY STATIONARY DURING THE PAST SEVERAL HOURS AND THIS POSITION REPRESENTS A SLIGHT ADJUSTMENT OF THE LOCATION GIVEN IN THE PREVIOUS ADVISORY.

HIGHEST WINDS OF 45 MPH ARE OCCURRING IN A FEW SQUALLS ASSOCIATED WITH AN AREA OF GALE WINDS EXTENDING OUTWARD 350 MILES IN THE NORTHERN SEMICIRCLE.

A SLOW INTENSIFICATION IS INDICATED DURING THE NEXT 24 HOURS. THE STORM IS EXPECTED TO REMAIN ABOUT STATIONARY DURING THE NEXT 12 HOURS FOLLOWED BY A MOVEMENT TOWARD THE NORTHWEST AT ABOUT 7 MPH DURING THE SUBSEQUENT 12 HOURS.

ROUGH SEAS ARE REPORTED OVER A LARGE AREA IN THE NORTHERN SEMICIRCLE AND SOUTHWARD TO THE BAHAMAS. SMALL CRAFT IN THOSE AREAS SHOULD THEREFORE EXERCISE CAUTION.

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

MOORE

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 3 ELLA 5 AM EST OCTOBER 16 1962.

TROPICAL STORM ELLA HAS REMAINED NEARLY STATIONARY AND AT 5 AM EST...1000Z...IT WAS CENTERED NEAR LATITUDE 25.5 NORTH LONGITUDE 72.0 WEST OR ABOUT 500 STATUTE MILES EAST OF MIAMI.

HIGHEST WINDS ARE 35 TO 45 MPH IN A FEW SQUALLS EXTENDING OUT 350 MILES IN THE NORTHERN SEMICIRCLE.

INDICATIONS ARE FOR AN INCREASE IN INTENSITY AS THE STORM REMAINS NEARLY STATIONARY TODAY AND TONIGHT. SEAS ARE INCREASING ALONG THE SOUTH ATLANTIC COAST AND THROUGH THE BAHAMAS. SMALL CRAFT IN THESE AREAS SHOULD EXERCISE CAUTION AND NOT VENTURE FAR FROM PORT.

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

KRAFT

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 4 ELLA 11 AM EST OCTOBER 16 1962.

AT 11 AM EST...1600Z...BASED ON NAVY RECONNAISSANCE AIRCRAFT TROPICAL STORM ELLA WAS RELOCATED NEAR LATITUDE 26.4 NORTH LONGITUDE 73.7 WEST WHICH IS ABOUT 400 STATUTE MILES EAST OF MIAMI AND 200 STATUTE MILES EAST OF GREAT ABACO ISLAND IN THE BAHAMAS.

ELLA IS NOW MOVING TOWARD THE WESTNORTHWEST AT 6 MPH AND IS EXPECTED TO CONTINUE AT ABOUT THE SAME DIRECTION AND SPEED FOR THE NEXT 12 TO 24 HOURS.

SLOW INTENSIFICATION HAS CONTINUED AND HIGHEST WINDS ARE NOW 55 TO 65 MPH IN A FEW SQUALLS IN THE NORTHEAST QUADRANT AND 35 TO 45 MPH SQUALLS EXTEND OUTWARD SOME 300 MILES IN THE NORTHERN SEMICIRCLE AND 50 MILES IN THE SOUTHERN SEMICIRCLE. ADDITIONAL SLOW INTENSIFICATION IS EXPECTED WITH ELLA REACHING HURRICANE INTENSITY THIS AFTERNOON OR TONIGHT.

SEAS CONTINUE TO INCREASE IN THE NORTHERN BAHAMAS AND ARE ROUGH OVER ALL EXPOSED WATERS IN THE BAHAMAS. SMALL CRAFT IN THIS AREA SHOULD REMAIN IN PORT. DURING THE MID FORENOON NASSAU REPORTED GUSTS TO 40 MPH IN A BRIEF SQUALL. SEAS WILL GRADUALLY ROUGHEN ALONG THE GEORGIA AND FLORIDA EAST COAST AND SMALL CRAFT SHOULD EXERCISE CAUTION AND NOT VENTURE FAR FROM PORT.

ALL SHIPPING IN THE PATH OF THIS GRADUALLY INTENSIFYING STORM SHOULD EXERCISE CAUTION. INTERESTS ALONG THE SOUTH ATLANTIC COAST SHOULD KEEP IN CLOSE TOUCH WITH FUTURE ADVISORIES DURING THE NEXT SEVERAL DAYS.

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

CLARK

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV TROPICAL STORM ELLA 2 PM EST OCTOBER 16 1962.

AT 2 PM EST THE CENTER OF TROPICAL STORM ELLA WAS ESTIMATED AT LATITUDE 26.6 NORTH LONGITUDE 74.1 WEST WHICH IS ABOUT 175 STATUTE MILES EAST OF GRAND ABACO ISLAND IN THE BAHAMAS AND 375 STATUTE MILES EAST OF PALM BEACH. THE STORM WAS MOVING TOWARD THE WESTNORTHWEST AT ABOUT 6 MPH.

NO NEW REPORTS HAVE BEEN RECEIVED FROM THE CENTRAL AREA OF THE STORM SINCE 11 AM ADVISORY BUT IT IS BELIEVED A GRADUAL INTENSIFICATION CONTINUES. THE NAVY RECONNAISSANCE PLANE WHICH INVESTIGATED THE STORM THIS FORENOON REPORTED THAT 50 MPH WINDS EXTENDED 90 MILES FROM THE CENTER IN ALL DIRECTIONS EXCEPT THE SOUTH QUADRANT WHERE WINDS ARE CONSIDERABLY LIGHTER. MAXIMUM SUSTAINED WINDS IN SQUALLS IN THE NORTHEAST QUADRANT RANGE FROM 55 TO 65 MPH WITH HIGHER GUSTS. DURING THE PAST FEW HOURS NASSAU HAS BEEN REPORTING STEADY 25 TO 30 MPH WINDS WITH GUSTS TO 40 MPH IN OCCASIONAL SQUALLS. EXPOSED POINTS ALONG THE LOWER EAST COAST OF FLORIDA ARE REGISTERING WINDS OF 25 TO 30 MPH AND ROUGHENING SEAS.

AN INCREASE TO HURRICANE INTENSITY IS LIKELY BY WEDNESDAY MORNING. WHILE IT IS TOO EARLY TO PREDICT THE EVENTUAL PATH OF THE STORM IT IS A DEFINITE THREAT TO THE SOUTH ATLANTIC COAST. INTERESTS SHOULD KEEP IN CLOSE TOUCH WITH ALL ADVISORIES AND BULLETINS DURING THE NEXT SEVERAL DAYS.

SHIPPING IN THE NORTHERN BAHAMAS SHOULD REMAIN IN PORT AND SMALL CRAFT FROM CAPE HATTERAS TO MIAMI SHOULD EXERCISE EXTREME CAUTION ACCOUNT SLOWLY ROUGHENING SEAS.

THE NEXT ADVISORY WILL BE ISSUED AT 5 PM EST.

DUNN

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 5 ELLA 5 PM EST OCTOBER 16 1962.

AT 5 PM EST...2200Z...REPORTS FROM WEATHER BUREAU RECONNAISSANCE AIRCRAFT INDICATE TROPICAL STORM ELLA WAS LOCATED NEAR LATITUDE 26.5 NORTH LONGITUDE 74.6 WEST OR ABOUT 350 MILES EAST OF PALM BEACH AND 150 MILES EAST OF GREAT ABACO ISLAND. THE STORM IS MOVING ON A COURSE BETWEEN WEST AND WESTNORTHWEST AT ABOUT 8 MPH.

MAXIMUM WINDS ARE 60 TO 70 MPH IN A FEW SQUALLS NEAR THE CENTER AND 35 TO 45 MPH SQUALLS NEAR THE CENTER AND 35 TO 45 MPH SQUALLS EXTEND OUTWARD 250 MILES IN THE WESTERN SEMICIRCLE 300 MILES IN THE NORTHEASTERN QUADRANT AND ONLY 50 MILES TO THE SOUTHEAST. SLOW INTENSIFICATION IS EXPECTED TO CONTINUE WITH ELLA REACHING HURRICANE INTENSITY TONIGHT.

ELLA IS EXPECTED TO CONTINUE AT ABOUT THE SAME DIRECTION AND SPEED DURING THE NEXT 12 TO 24 HOURS AND ALL INTERESTS ALONG THE SOUTH ATLANTIC COAST SHOULD KEEP IN CLOSE TOUCH WITH FUTURE ADVISORIES AND BULLETINS. ESPECIALLY ALL PERSONS AND INTERESTS ALONG THE FLORIDA COAST FROM PALM BEACH TO DAYTONA BEACH SHOULD BE READY TO TAKE QUICK PRECAUTIONS TOMORROW WEDNESDAY MORNING IF IT SHOULD BECOME NECESSARY TO ISSUE HURRICANE WARNINGS FOR PORTIONS OF THIS AREA.

ALL SMALL CRAFT FROM SAVANNAH TO MIAMI SHOULD REMAIN IN PORT AND THOSE NORTHWARD TO CAPE HATTERAS SHOULD NOT VENTURE FAR FROM PORT ACCOUNT SLOWLY ROUGHENING SEAS. SHIPPING IN THE PATH OF THE STORM SHOULD EXERCISE CAUTION.

GALE WARNINGS ARE DISPLAYED IN THE BAHAMAS FROM HARBOR ISLAND TO GREAT ABACO AND GRAND BAHAMA AND ALL SMALL CRAFT IN THESE AREAS SHOULD REMAIN IN SAFE HARBOR.

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

CLARK

MIAMI WEATHER BUREAU TROPICAL STORM ELLA BULLETIN FOR PRESS RADIO AND TELEVISION 8 PM EST OCTOBER 16 1962.

REPORTS FROM RECONNAISSANCE AIRCRAFT INDICATE THAT TROPICAL STORM ELLA IS CONTINUING TOWARD THE WEST TO WESTNORTHWEST AT ABOUT 8 MPH. AT 8 PM THE STORM WAS CENTERED NEAR LATITUDE 26.6 NORTH LONGITUDE 75.0 WEST. THIS IS ABOUT 330 MILES EAST OF PALM BEACH OR 130 MILES EAST OF GREAT ABACO ISLAND IN THE BAHAMAS.

HIGHEST WINDS ARE 60 TO 70 MPH IN A FEW SQUALLS NEAR THE CENTER. GALES EXTEND AS MUCH AS 300 MILES TO THE NORTH OF THE CENTER AND WINDS OF 30 TO 35 MPH ARE OCCURRING IN THE VICINITY OF GREAT ABACO AND ELEUTHERA ISLANDS IN THE BAHAMAS. SOME SHIPS NORTH OF THE CENTER HAVE REPORTED WAVES OF ABOUT 10 FEET.

MILITARY AND WEATHER BUREAU AIRCRAFT HAVE BEEN OBSERVING ELLA DURING THE DAY AND A NAVY PLANE AND AIR FORCE RADAR STATIONS IN THE ATLANTIC MISSILE RANGE WILL BE KEEPING WATCH TONIGHT.

ELLA IS EXPECTED TO CONTINUE ABOUT THE SAME COURSE AND SPEED FOR THE NEXT 12 HOURS. INTERESTS ALONG THE SOUTH ATLANTIC COAST PARTICULARLY IN THE AREA FROM PALM BEACH TO DAYTONA BEACH HAVE BEEN ADVISED TO KEEP IN CLOSE TOUCH WITH FURTHER ADVICES UNTIL THE MOVEMENT BEYOND THAT TIME HAS BEEN MORE DEFINITELY INDICATED.

SMALL CRAFT ALONG THE COAST FROM MIAMI TO SAVANNAH HAVE BEEN ADVISED TO REMAIN IN PORT SINCE SEAS ARE EXPECTED TO BECOME ROUGH. GALE WARNINGS ARE DISPLAYED AT GREAT ABACO HARBOUR ISLAND AND GRAND BAHAMA ISLAND IN THE BAHAMAS.

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

MOORE

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 6 ELLA 11 PM EST OCTOBER 16 1962.

AT 11 PM EST...0400Z...THE CENTER OF STORM ELLA WAS NEAR LATITUDE 26.8 NORTH LONGITUDE 75.3 WEST OR ABOUT 310 STATUTE MILES EAST OF PALM BEACH AND 110 MILES EASTNORTHEAST OF GREAT ABACO ISLAND IN THE BAHAMAS. THE STORM IS MOVING TOWARD THE WESTNORTHWEST AT ABOUT 6 MPH.

MAXIMUM WINDS ARE 60 TO 70 MPH IN SQUALLS NEAR THE CENTER AND WINDS OF GALE FORCE EXTEND OUTWARD 350 MILES TO THE NORTH AND 85 MILES TO THE SOUTH OF THE CENTER.

ELLA IS EXPECTED TO MOVE TOWARD THE WESTNORTHWEST TO NORTHWEST AT NOT MORE THAN ABOUT 6 MPH TONIGHT AND WEDNESDAY. NOT MUCH CHANGE IN INTENSITY IS INDICATED.

IF THE EXPECTED TREND TO A MORE NORTHWESTERLY DIRECTION OF MOTION DEVELOPS THE POSSIBLE THREAT TO THE AREA FROM PALM BEACH TO DAYTONA BEACH WILL BE LESSENED. HOWEVER ALL INTERESTS ALONG THE SOUTH ATLANTIC COAST SHOULD CONTINUE TO KEEP IN CLOSE TOUCH WITH FURTHER ADVISORIES UNTIL A MORE DEFINITE COURSE IS ESTABLISHED.

ALL SMALL CRAFT FROM SAVANNAH GEORGIA TO MIAMI SHOULD REMAIN IN PORT AND THOSE NORTHWARD TO CAPE HATTERAS SHOULD NOT VENTURE FAR FROM PORT SINCE SEAS MAY BECOME ROUGH. SHIPPING IN THE PATH OF THE STORM SHOULD EXERCISE CAUTION.

GALE WARNINGS ARE DISPLAYED IN THE BAHAMAS FROM HARBOUR ISLAND TO GREAT ABACO AND GRAND BAHAMA ISLANDS AND ALL SMALL CRAFT IN THESE AREAS SHOULD REMAIN IN SAFE HARBOR.

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

MOORE

MIAMI WEATHER BUREAU TROPICAL STORM ELLA BULLETIN FOR PRESS RADIO AND TELEVISION 2 AM EST OCTOBER 17 1962.

AT 2 AM EST TROPICAL STORM ELLA WAS CENTERED ABOUT 300 MILES EAST OF STUART FLORIDA NEAR LATITUDE 27.2 NORTH LONGITUDE 75.5 WEST. THE STORM CONTINUES TO MOVE TOWARD THE WESTNORTHWEST ABOUT 6 MPH WITH THE HIGHEST WINDS 60 TO 70 MPH IN SQUALLS NEAR THE CENTER. GALES EXTEND OUT 350 MILES TO THE NORTH AND 85 MILES TO THE SOUTH OF THE CENTER.

LITTLE CHANGE IN SIZE OR INTENSITY IS EXPECTED AS THE STORM CONTINUES TOWARD THE WESTNORTHWEST ABOUT 6 MPH WITH A TURN MORE TOWARD THE NORTH LATE TODAY. THIS TURN IF IT DEVELOPS AS EXPECTED WILL LESSEN THE THREAT TO THE FLORIDA COAST.

SMALL CRAFT ALONG THE SOUTH ATLANTIC COAST FROM SAVANNAH TO MIAMI SHOULD REMAIN IN PORT AND THOSE ALONG THE CAROLINA COASTS SHOULD NOT VENTURE FAR FROM PORT SINCE THE SEAS WILL BECOME ROUGH.

GALE WARNINGS ARE DISPLAYED IN THE NORTHERN BAHAMAS AND SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR.

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

KRAFT

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 7 ELLA 5 AM EST OCTOBER 17 1962.

TROPICAL STORM ELLA CONTINUES TO DRIFT TOWARD THE WESTNORTHWEST ABOUT 6 MPH AND HAS CHANGED LITTLE IN SIZE OR INTENSITY DURING THE NIGHT. AT 5 AM EST...1000Z...THE CENTER WAS ABOUT 300 MILES EAST OF STUART FLORIDA NEAR LATITUDE 27.2 NORTH LONGITUDE 75.5 WEST.

HIGHEST WINDS ARE ESTIMATED 60 TO 70 MPH IN SQUALLS NEAR THE CENTER AND GALES EXTEND OUT 350 MILES TO THE NORTH AND 85 MILES TO THE SOUTH OF THE CENTER.

INDICATIONS ARE FOR CONTINUED SLOW MOVEMENT TOWARD THE WESTNORTHWEST WITH A TURN MORE TOWARD THE NORTH LATE TODAY AND TONIGHT. THIS TURN IF IT DEVELOPS AS EXPECTED WILL LESSEN THE THREAT TO THE FLORIDA COAST.

WINDS AND SEAS WILL INCREASE ALONG THE SOUTH ATLANTIC COAST TODAY AND SMALL CRAFT FROM SAVANNAH TO MIAMI SHOULD REMAIN IN PORT AND THOSE ALONG THE CAROLINA COAST SHOULD NOT VENTURE FAR FROM SHORE.

GALE WARNINGS ARE DISPLAYED IN THE NORTHERN BAHAMAS AND SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR.

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

KRAFT

MIAMI WEATHER BUREAU TROPICAL STORM ELLA BULLETIN FOR PRESS RADIO AND TELEVISION 8 AM EST OCTOBER 17 1962.

AT 8 AM EST TROPICAL STORM ELLA WAS CENTERED ABOUT 310 STATUTE MILES EAST OF FORT PIERCE FLORIDA NEAR LATITUDE 27.3 NORTH LONGITUDE 75.0 WEST. THE STORM HAS REMAINED ALMOST STATIONARY AND MAY EVEN HAVE BEGUN A NORTHWARD MOVEMENT.

THERE ARE SOME INDICATIONS OF AN INCREASE IN INTENSITY. HIGHEST WINDS ARE 70 MPH AND IT NOW SEEMS LIKELY THAT IT WILL REACH HURRICANE FORCE TODAY.

NORTHERLY WINDS AROUND 40 MPH HAVE BEEN RECORDED DURING THE NIGHT OVER THE EXTREME NORTHERN BAHAMA ISLANDS. WEST END REPORTED 40 MPH NEAR DAYBREAK.

WINDS AND SEAS WILL INCREASE ALONG THE SOUTH ATLANTIC COAST TODAY. SMALL CRAFT THROUGH THE NORTHERN BAHAMAS AND FROM MIAMI TO SAVANNAH SHOULD REMAIN IN PORT AND THOSE ALONG THE CAROLINA COAST SHOULD NOT VENTURE FAR FROM SHORE.

NAVY AIRCRAFT WILL CHECK ON THE STORMS MOVEMENT AND INTENSITY WITHIN THE NEXT FEW HOURS.

THE NEXT ADVISORY WILL BE ISSUED AT 11 AM EST.

KRAFT

MIAMI WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 8 ELLA 11 AM EST OCTOBER 17 1962.

TROPICAL STORM ELLA HAS TURNED MORE TOWARD THE NORTH DURING THE PAST FEW HOURS AND IS NOW MOVING NORTH NORTHWESTWARD AT ABOUT 6 MPH. IT HAS NOT CHANGED MATERIALLY IN SIZE OR INTENSITY DURING THE PAST 12 HOURS EXCEPT THAT STRONGER WINDS ARE NOW APPEARING ON THE SOUTH SIDE OF THE STORM. AT 11 AM EST...1600Z...THE CENTER WAS LOCATED NEAR LATITUDE 28.0 NORTH LONGITUDE 75.6 WEST WHICH IS ABOUT 300 STATUTE MILES EAST OF MELBOURNE FLORIDA.

HIGHEST WINDS ARE REPORTED AT 70 MPH IN SQUALLS NEAR THE CENTER AND GALES EXTEND OUTWARD 350 STATUTE MILES IN THE NORTHERN SEMICIRCLE AND 175 STATUTE MILES IN THE SOUTHERN SEMICIRCLE.

INDICATIONS ARE FOR SLIGHTLY FASTER MOVEMENT TOWARD THE NORTHNORTHWEST DURING THE NEXT 12 HOURS BUT AT A SPEED LESS THAN 10 MPH. ANOTHER TEMPORARY TURN TOWARD THE WESTNORTHWEST OR NORTHWEST IS POSSIBLE THURSDAY.

WINDS AND SEAS WILL GRADUALLY INCREASE ALONG THE SOUTH ATLANTIC COAST FROM CAPE HATTERAS TO CAPE CANAVERAL DURING THE NEXT 24 HOURS AND SMALL CRAFT FROM CAPE HATTERAS TO PALM BEACH SHOULD REMAIN INSIDE. THE CITY LIFEGUARD STATION AT DAYTONA BEACH THIS MORNING WAS REPORTING A STEADY WIND OF 26 MPH WITH GUSTS TO 36 MPH.

ALL SHIPPING IN THE PATH OF THIS STORM SHOULD EXERCISE CAUTION.

THE EAST FLORIDA COAST FROM CAPE CANAVERAL SOUTHWARD IS IN THE CLEAR BUT INTERESTS ALONG THE SOUTH ATLANTIC COAST NORTH OF CAPE CANAVERAL SHOULD KEEP IN CLOSE TOUCH WITH ALL ADVISORIES AND BULLETINS ON THIS STORM. THE STORM WILL REMAIN AT OR VERY CLOSE TO HURRICANE INTENSITY.

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

DUNN

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TV 2 PM EST OCTOBER 17 1962.

TROPICAL STORM ELLA IS NEARING HURRICANE INTENSITY AND IS INCREASING ITS FORWARD SPEED TOWARD THE NORTHNORTHWEST SOMEWHAT. AT 2 PM EST THE STORM WAS CENTERED NEAR LATITUDE 28.7 NORTH LONGITUDE 75.5 WEST WHICH IS ABOUT 300 STATUTE MILES EAST OF CAPE CANAVERAL FLORIDA.

THE STORM IS EXPECTED TO CONTINUE MOVING NORTH NORTHWESTWARD AT 13 MPH OR LESS DURING THE NEXT 12 HOURS AT ABOUT HURRICANE INTENSITY.

WINDS AND SEAS WILL GRADUALLY INCREASE ALONG THE SOUTH ATLANTIC COAST NORTH OF CAPE CANAVERAL TO CAPE HATTERAS TONIGHT AND THURSDAY AND SMALL CRAFT IN THIS AREA SHOULD REMAIN INSIDE.

THE FLORIDA EAST COAST FROM CAPE CANAVERAL SOUTHWARD IS IN THE CLEAR BUT INTERESTS ALONG THE SOUTH ATLANTIC COAST FROM DAYTONA BEACH NORTHWARD TO CAPE HATTERAS SHOULD KEEP IN TOUCH WITH ALL ADVISORIES AND BULLETINS ON THIS STORM.

SOME 1 PM EST WIND AND SEA REPORTS FOLLOW...

NEW SMYRNA BEACH FREQUENT SHOWERS NORTH 22 MPH SEA ROUGH MARINELAND FLORIDA NORTHNORTHEAST 22 MPH GUSTS TO 35 MPH SEA VERY ROUGH DAYTONA BEACH NORTHEAST 20 MPH OCCASIONAL HEAVY SHOWERS SEA ROUGH GARDEN CITY SOUTH CAROLINA EASTNORTHEAST 10 TO 15 MPH HEAVY GROUND SWELLS GEORGETOWN SOUTH CAROLINA WIND NORTHEAST 6 TO 10 MPH GUSTS TO 18 MPH SEA ROUGH CHARLESTON SOUTH CAROLINA TIDE ONE HALF FOOT ABOVE NORMAL SAPELO ISLAND GEORGIA NORTH 12 TO 17 MPH TIDE ABOUT NORMAL BREAKERS 2 TO 3 FEET WATERS CHOPPY TO ROUGH.

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

DUNN

SUPPLEMENTARY INFORMATION FOR 2 PM EST TROPICAL STORM ELLA BULLETIN...

STORM ELLA HAS NOW DEVELOPED AN UNUSUALLY LARGE EYE. NAVY AIRCRAFT THIS MORNING REPORTED A WIND EYE 60 NAUTICAL MILES IN DIAMETER AND BY EARLY THIS AFTERNOON WEATHER BUREAU RESEARCH AIRCRAFT OBSERVED IT HAD EXPANDED TO 80 MILES AND THE CLOUD EYE TO 120 NAUTICAL MILES IN DIAMETER.

INTENSIFICATION CONTINUES SLOWLY. THE CENTRAL PRESSURE IS NOW 989 MBS OR 29.21 INCHES AND SQUALLS OF HURRICANE FORCE ARE NOW BEING REPORTED JUST OUTSIDE THE EYE.

AT 1 PM EST MAYPORT FLORIDA COAST GUARD STATION REPORTS WINDS EASTNORTHEAST 20 TO 26 MPH SEAS ROUGH AND BREAKING OVER JETTIES.

SOUTH PONTE VERDA BEACH SOUTH OF JACKSONVILLE SEA VERY ROUGH WHITECAPS AS FAR AS CAN SEE WINDS NORTHNORTHEAST 25 MPH WITH GUSTS TO 35 MPH.

MIAMI WEATHER BUREAU

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 9 ELLA 5 PM EST OCTOBER 17 1962.

HOIST GALE WARNINGS CAPE HATTERAS NORTH CAROLINA TO GEORGETOWN SOUTH CAROLINA.

TROPICAL STORM ELLA REACHED HURRICANE INTENSITY ABOUT MIDDAY AND WINDS UP TO 80 MPH ARE NOW OCCURRING IN SQUALLS AROUND THE EDGE OF THE EXTREMELY LARGE EYE WHICH IS 80 TO 120 STATUTE MILES EAST OF DAYTONA BEACH.

GALE WINDS EXTEND OUTWARD 350 STATUTE MILES IN THE NORTHERN SEMICIRCLE AND 175 MILES IN THE SOUTHERN SEMICIRCLE. THE LOWEST PRESSURE IN THE CENTER THIS AFTERNOON WAS 989 MILLIBARS OR 29.21 INCHES.

THE HURRICANE IS EXPECTED TO CONTINUE ON A NORTH NORTHWESTWARD COURSE AT AROUND 10 MPH DURING THE NEXT 12 HOURS.

WINDS AND SEAS WILL GRADUALLY INCREASE ALONG THE SOUTH ATLANTIC COAST FROM JACKSONVILLE TO CAPE HATTERAS TONIGHT AND THURSDAY REACHING GALE FORCE GEORGETOWN TO CAPE HATTERAS BY LATE THURSDAY. SEAS ARE ALREADY ROUGH A SHORT DISTANCE OFF THE COAST WITH 30 TO 45 MPH WINDS REPORTED BY SHIPPING SOME 100 TO 150 MILES OFF SHORE. THE FLORIDA EAST COAST APPEARS TO BE IN THE CLEAR ALTHOUGH ROUGH SEAS WILL CONTINUE NORTH OF PALM BEACH. ALL INTERESTS ALONG THE SOUTH ATLANTIC COAST NORTH OF JACKSONVILLE TO CAPE HATTERAS SHOULD KEEP IN CLOSE TOUCH WITH ALL ADVISORIES AND BULLETINS ON HURRICANE ELLA DURING THE NEXT 48 HOURS. ONLY SLIGHT ADDITIONAL INTENSIFICATION IS EXPECTED.

ALL SMALL CRAFT FROM CAPE HATTERAS TO CAPE CANAVERAL SHOULD REMAIN IN SAFE HARBOR AND SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

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

DUNN

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 8 PM EST OCTOBER 17 1962.

AT 8 PM EST THE CENTER OF HURRICANE ELLA WAS LOCATED NEAR LATITUDE 29.5 NORTH LONGITUDE 75.7 WEST OR ABOUT 320 STATUTE MILES EAST OF DAYTONA BEACH FLORIDA AND NEARLY 400 MILES SOUTH OF CAPE HATTERAS NORTH CAROLINA MOVING NORTH NORTHWESTWARD 10 MPH. THE HURRICANE WINDS ARE NEAR THE EDGE OF A VERY LARGE EYE WHICH HAS BEEN REPORTED TO BE UP TO 120 MILES IN DIAMETER. GALES EXTEND OUTWARD UP TO 350 MILES IN THE NORTHERN SEMICIRCLE. THE LOWEST SEA LEVEL PRESSURE IS 987 MILLIBARS OR 29.15 INCHES.

GALES WARNINGS ARE DISPLAYED FROM CAPE HATTERAS TO GEORGETOWN SOUTH CAROLINA AND SMALL CRAFT FROM HATTERAS SOUTHWARD TO CAPE CANAVERAL SHOULD REMAIN IN SAFE HARBOR. ALL INTEREST ALONG THE SOUTH ATLANTIC COAST NORTH JACKSONVILLE SHOULD KEEP IN CLOSE TOUCH WITH ALL ADVISORIES AND BULLETINS DURING THE NEXT 48 HOURS.

SOME SPECIAL OBSERVATIONS TAKEN LATE THIS AFTERNOON FOLLOW...

MARINELAND IN FLORIDA WIND NORTHNORTHEAST 25 MPH TIDE 2.3 FEET ABOVE MEAN SEA LEVEL SEAS VERY ROUGH LIFE GUARD STATIONS DAYTONA BEACH WIND GUSTING TO NEAR 40 MPH SEAS ROUGH MCCLELLANVILLE AND MURRELLS INLET SOUTH CAROLINA ARE REPORTING ROUGH SEAS SOUTH PONTE VERDA BEACH FLORIDA BAROMETER 29.82 INCHES WIND GUST TO 35 MPH WITH ROUGH SEAS SEA LEVEL PRESSURES AT 7 PM AT JACKSONVILLE 29.89 INCHES CHARLESTON 29.87 INCHES AND CAPE HATTERAS 29.92 INCHES.

FOLLY BEACH SOUTH CAROLINA HAS REPORTED CONSIDERABLE BEACH EROSION WITH SEAS BECOMING ROUGHER.

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

SUGG

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 10 ELLA 11 PM EST OCTOBER 17 1962.

GALE WARNINGS ARE IN EFFECT FROM NACS HEAD NORTH CAROLINA TO GEORGETOWN SOUTH CAROLINA.

HURRICANE ELLA HAS INCREASED IN INTENSITY DURING THE EVENING AND AT 11 AM EST...0400Z...WAS CENTERED NEAR LATITUDE 30.0 NORTH LONGITUDE 76.0 WEST OR ABOUT 360 STATUTE MILES SOUTH OF CAPE HATTERAS AND 325 MILES EAST OF ST AUGUSTINE FLORIDA. ELLA IS MOVING TOWARD THE NORTHNORTHWEST NEAR 10 MPH.

HIGHEST WINDS OF 75 TO 90 MPH ARE OCCURRING AROUND THE EDGE OF A VERY LARGE EYE WHICH HAS BEEN AVERAGING 100 MILES IN DIAMETER. GALES EXTEND OUTWARD 350 STATUTE MILES IN THE NORTHERN SEMICIRCLE AND 175 MILES TO THE SOUTH. THE LOWEST PRESSURE THIS EVENING WAS 984 MILLIBARS OR 29.06 INCHES.

ELLA IS EXPECTED TO MOVE TOWARDS THE NORTHNORTHWEST AT 10 MPH DURING THE NEXT 12 HOURS. A MORE NORTHERLY COURSE IS INDICATED BY MIDDAY THURSDAY. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS FORECAST.

WINDS WILL GRADUALLY INCREASE ON THE CAROLINA COASTS REACHING GALE FORCE FROM GEORGETOWN SOUTH CAROLINA NORTHWARD DURING THURSDAY. GALE WINDS AND SEAS TO 11 FEET HAVE BEEN REPORTED BY SHIPS SOME 90 MILES OFF THE CAROLINA COASTS THIS EVENING.

ALL INTERESTS FROM GEORGETOWN SOUTH CAROLINA TO THE CAROLINA CAPES SHOULD KEEP IN CLOSE TOUCH WITH ADVISORIES DURING THURSDAY.

ALL SMALL CRAFT FROM THE CAROLINA CAPES SOUTHWARD TO JACKSONVILLE SHOULD REMAIN IN SAFE HARBOR AND THOSE SOUTHWARD TO PALM BEACH SHOULD NOT VENTURE FAR FROM SHORE DUE TO ROUGH SEAS. VESSELS IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

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

SUGG

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 2 AM EST THURSDAY OCTOBER 18 1962.

AT 2 AM EST HURRICANE ELLA WAS CENTERED ABOUT 330 MILES SOUTH OF HATTERAS NORTH CAROLINA NEAR LATITUDE 30.5 NORTH LONGITUDE 76.0 WEST AND MOVING TOWARD THE NORTH CAROLINA CAPES ABOUT 10 MPH.

HIGHEST WINDS ARE ESTIMATED 90 MPH NEAR THE CENTER AND GALES EXTEND NORTHWARD TO JUST OFF THE CAROLINA COAST AND SHOULD REACH THE COAST BY DAYLIGHT. ALONG WITH VERY ROUGH SEAS AND TIDES SOMEWHAT ABOVE NORMAL.

GALE WARNINGS ARE DISPLAYED FROM NAGS HEAD NORTH CAROLINA TO GEORGETOWN SOUTH CAROLINA. SMALL CRAFT ALONG THE SOUTH ATLANTIC COAST SHOULD NOT VENTURE FAR FROM SHORE AND THOSE IN THE AREA OF GALE DISPLAY SHOULD REMAIN IN SAFE HARBOR.

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

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 11 ELLA 5 AM EST OCTOBER 18 1962.

GALE WARNINGS ARE DISPLAYED FROM NAGS HEAD NORTH CAROLINA TO GEORGETOWN SOUTH CAROLINA. SMALL CRAFT FROM CAPE MAY NEW JERSEY TO MIAMI SHOULD NOT VENTURE FAR FROM SHORE AND THOSE IN AREA OF GALE DISPLAY SHOULD REMAIN IN SAFE HARBOR.

AT 5 AM EST...1000Z...HURRICANE ELLA WAS LOCATED BY NAVY RECONNAISSANCE NEAR LATITUDE 29.8 NORTH LONGITUDE 75.3 WEST OR ABOUT 375 MILES SOUTH OF CAPE HATTERAS AND MOVING NORTHWARD 7 MPH. HIGHEST WINDS ARE ESTIMATED 90 MPH NEAR THE CENTER AND GALES EXTEND OUT 350 MILES TO NORTH AND 225 MILES TO SOUTH OF CENTER.

HURRICANE ELLA IS EXPECTED TO INTENSIFY SOME MORE TODAY AND CONTINUE MOVING SLOWLY NORTHWARD. THE CENTRAL PRESSURE WAS REPORTED AS 981 MBS OR 28.97 INCHES DURING THE NIGHT. THIS IS A DANGEROUS HURRICANE AND SHIPPING SHOULD EXERCISE CAUTION.

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

KRAFT

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 8 AM EST OCTOBER 18 1962.

SEAS ARE ROUGH FROM SOUTHERN FLORIDA AND THE NORTHERN BAHAMAS NORTHWARD TO NEW JERSEY THIS MORNING. GALE FORCE WINDS ARE OCCURRING A SHORT DISTANCE OFFSHORE ALONG THE CAROLINA COASTS. GUSTS TO 45 MPH HAVE BEEN REPORTED FROM OAK ISLAND NORTH CAROLINA.

HURRICANE ELLA IS A LARGE STORM PRODUCING GALE FORCE WINDS OVER AN AREA FIVE TO SIX HUNDRED MILES ACROSS. WINDS ARE ESTIMATED 90 MPH NEAR THE CENTER BUT ARE EXPECTED TO GO HIGHER TODAY AS THE HURRICANE BECOMES MORE INTENSE.

HURRICANE ELLA WAS CENTERED ABOUT 360 STATUTE MILES SOUTH OF CAPE HATTERAS AT 8 AM EST NEAR LATITUDE 30.1 NORTH LONGITUDE 75.3 WEST. IT WAS DRIFTING NORTHWARD ABOUT 7 MPH AND IS EXPECTED TO CONTINUE THIS MOVEMENT TODAY.

GALE WARNINGS ARE DISPLAYED FROM NAGS HEAD NORTH CAROLINA TO GEORGETOWN SOUTH CAROLINA. SMALL CRAFT FROM CAPE MAY NEW JERSEY TO MIAMI SHOULD NOT VENTURE FAR FROM SHORE AND THOSE IN AREA OF GALE DISPLAY SHOULD REMAIN IN SAFE HARBOR.

THE NEXT ADVISORY WILL BE ISSUED AT 11 AM EST.

KRAFT

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 12 ELLA 11 AM EST OCTOBER 18 1962.

GALE WARNINGS ARE DISPLAYED FROM NAGS HEAD NORTH CAROLINA TO GEORGETOWN SOUTH CAROLINA. SMALL CRAFT FROM CAPE MAY NEW JERSEY TO CAPE CANAVERAL SHOULD REMAIN IN SAFE HARBOR.

PRESENT INDICATIONS ARE THAT THE HURRICANE CENTER WILL KEEP OFFSHORE FROM THE NORTH CAROLINA COAST. DUE TO THE LARGE EXTENT OF THE STORM WINDS SHOULD INCREASE GRADUALLY ALONG THE NORTH CAROLINA COAST TONIGHT REACHING GALE FORCE FRIDAY FROM NAGS HEAD SOUTHWARD AND POSSIBLY WHOLE GALE FORCE ON THE OUTER BANKS. TIDES GENERALLY SHOULD BE UNDER 3 FEET BUT SHOULD INCREASE TO 3 TO 4 FEET ON THE WESTERN AND SOUTHERN SHORES OF PAMLICO SOUND FRIDAY. HIGHER TIDES WILL OCCUR IF THE HURRICANE MOVES CLOSER TO THE COAST THAN IS NOW INDICATED. ALL INTERESTS ALONG THE ATLANTIC COAST FROM CAPE MAY NEW JERSEY TO SAVANNAH GEORGIA SHOULD KEEP IN CLOSE TOUCH WITH FUTURE ADVISORIES.

AT 11 AM EST...1600Z...HURRICANE ELLA WAS LOCATED BY NAVY RECONNAISSANCE AIRCRAFT NEAR LATITUDE 30.2 NORTH LONGITUDE 75.5 WEST OR ABOUT 350 STATUTE MILES EAST OF JACKSONVILLE AND 325 MILES SOUTH OF CAPE HATTERAS NORTH CAROLINA. ELLA IS MOVING ON A NORTHNORTHWEST TO NORTH COURSE AROUND 6 MPH.

HIGHEST WINDS CONTINUE ABOUT 90 MPH OVER A SMALL AREA ROUND THE CENTER WITH GALE FORCE WINDS EXTENDING 350 MILES TO THE NORTH AND 225 MILES TO THE SOUTH. LOWEST PRESSURE REPORTED THIS MORNING WAS 978 MB OR 28.88 INCHES.

NO FURTHER INTENSIFICATION OF THE HURRICANE IS EXPECTED. ELLA IS FORECAST TO CONTINUE ON A NORTHERLY COURSE AT ABOUT THE SAME SPEED DURING THE NEXT 12 HOURS. A GRADUAL TURN TO THE NORTHEAST WITH SOME INCREASE IN FORWARD SPEED IS INDICATED THEREAFTER.

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

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

CLARK

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 2 PM EST OCTOBER 18 1962.

AT 2 PM EST HURRICANE ELLA WAS ESTIMATED AT APPROXIMATELY LATITUDE 30.5 NORTH LONGITUDE 75.5 WEST WHICH IS ABOUT 350 STATUTE MILES EAST OF JACKSONVILLE. IT IS MOVING NORTHNORTHWEST TO NORTH ABOUT 6 MPH.

HIGHEST WINDS CONTINUE AT ABOUT 90 MPH OVER A SMALL AREA AROUND A COMPARATIVELY LARGE CENTER. THE SS NAESS CAVALIER AT 10 AM EST MOVED TO ABOUT 70 MILES EASTNORTHEAST OF THE CENTER ESTIMATED WINDS AT 90 MPH GUSTS TO 100 AND SEAS 40 TO 45 FEET.

PRESENT INDICATIONS THAT THE HURRICANE SHOULD CONTINUE ON A MOSTLY NORTHERLY COURSE DURING THE NEXT 12 TO 15 HOURS AND THEN BEGIN A GRADUAL RECURVE WHICH WOULD KEEP THE CENTER WELL OFF THE NORTH CAROLINA COAST. HOWEVER DUE TO THE LARGE SIZE OF HURRICANE ELLA WINDS SHOULD REACH GALE FORCE FRIDAY ALONG MUCH OF THE NORTH CAROLINA COAST AND POSSIBLY WHOLE GALE FORCE ON THE OUTER BANKS. TIDES SHOULD BE GENERALLY UNDER 3 FEET EXCEPT 3 TO 4 FEET ALONG THE WESTERN AND SOUTHERN SHORES OF PAMLICO SOUND FRIDAY. TIDES ABOUT 2 FEET ABOVE NORMAL FRIDAY HAVE BEEN FORECAST FOR THE HAMPTON ROAD VA. HARBOR. HIGHER TIDES WOULD OCCUR LATER FRIDAY OR FRIDAY NIGHT ALONG THE NORTH CAROLINA COAST IF THE HURRICANE MOVES CLOSER TO THE COAST THAN IS NOW FORECAST.

AT PRESENT TIDES ARE RUNNING ABOUT 1 FOOT ABOVE NORMAL ALL ALONG THE COAST FROM MIAMI TO HAMPTON ROAD VA. AND UP TO 2 FEET IN SOME AREAS WHERE THERE ARE LOCAL FUNNELING EFFECTS. SEAS ARE ROUGH GENERALLY AND VERY ROUGH ON THE OUTSIDE FROM CAPE HATTERAS TO JACKSONVILLE.

THE LIFEGUARD STATION AT DAYTONA BEACH IS REPORTING GUSTS TO 40 MPH. ELSEWHERE ALONG THE ATLANTIC COAST EXPOSED POINTS ARE REPORTING MOSTLY WINDS 20 TO 25 MPH WITH GUSTS IN THE 30 TO 40 MPH RANGE.

SMALL CRAFT SHOULD REMAIN IN PORT AND INTERESTS ALONG THE ATLANTIC COAST FROM CAPE MAY NEW JERSEY TO SAVANNAH GEORGIA SHOULD KEEP IN TOUCH WITH ALL FUTURE ADVISORIES DURING THE NEXT DAY OR TWO.

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

DUNN

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 13 ELLA 5 PM EST OCTOBER 18 1962.

A HURRICANE WATCH IS IN EFFECT NAGS HEAD TO WILMINGTON NORTH CAROLINA AND ALL RESIDENTS AND INTERESTS IN THIS COASTAL AREA SHOULD BE READY TO TAKE QUICK PRECAUTIONS IF IT SHOULD BECOME NECESSARY TO ISSUED HURRICANE WARNINGS TONIGHT OR FRIDAY MORNING. GALE WARNINGS ARE DISPLAYED FROM NAGS HEAD NORTH CAROLINA TO GEORGETOWN SOUTH CAROLINA. SMALL CRAFT FROM CAPE MAY NEW JERSEY TO CAPE CANAVERAL SHOULD REMAIN IN SAFE HARBOR.

INDICATIONS ARE THAT THE HURRICANE CENTER WILL KEEP OFF SHORE FROM THE NORTH CAROLINA COAST. HOWEVER DUE TO THE LARGE EXTENT OF THE STORM WINDS SHOULD INCREASE TO GALE FORCE ALONG THE NORTH CAROLINA COAST TONIGHT WITH WHOLE GALE FORCE ON THE OUTER BANKS. TIDES GENERALLY WILL BE UNDER 3 FEET BUT INCREASE TO 3 TO 4 FEET ON THE WESTERN AND SOUTHERN SHORES OF PAMLICO SOUND. HIGH TIDES WILL OCCUR IF THE HURRICANE MOVES CLOSER TO THE COAST THAN IS NOW INDICATED.

AT 5 PM EST...2200Z...HURRICANE ELLA WAS LOCATED NEAR LATITUDE 30.8 NORTH LONGITUDE 76.2 WEST OR ABOUT 310 STATUTE MILES SOUTH OF CAPE HATTERAS. ELLA IS MOVING ON A NORTHNORTHWEST TO NORTH COURSE AROUND 7 MPH.

HIGHEST WINDS ARE 90 MPH OVER A SMALL AREA AROUND THE CENTER WITH GALE FORCE WINDS EXTENDING 350 MILES TO THE NORTH AND 225 MILES TO THE SOUTH. LOWEST PRESSURE REPORTED DURING THE AFTERNOON WAS 973 MILLIBARS OR 28.73 INCHES.

HURRICANE ELLA IS EXPECTED TO REMAIN AT ABOUT THE SAME INTENSITY AND MOVE ON A GENERALLY NORTHERLY COURSE AT THE SAME SPEED DURING THE NEXT 12 HOURS. A GRADUAL TURN TO THE NORTHEAST THEREAFTER IS STILL INDICATED WITH SOME INCREASE IN FORWARD SPEED.

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

IT IS EMPHASIZED AGAIN THAT THE RESIDENTS ALONG THE NORTH CAROLINA COAST SHOULD KEEP IN TOUCH WITH ALL ADVISORIES AND BULLETINS DURING THE NIGHT. THE STORM WILL BE KEPT UNDER CONSTANT AIRCRAFT SURVEILLANCE.

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

CLARK

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 8 PM EST OCTOBER 18 1962.

AT 8 PM HURRICANE ELLA WAS CENTERED NEAR LATITUDE 31.2 NORTH LONGITUDE 76.2 WEST OR ABOUT 290 STATUTE MILES SOUTH OF CAPE HATTERAS. THE HURRICANE CONTINUES ON A NORTHERLY COURSE AROUND 7 MPH.

GALE WINDS ARE ALREADY OCCURRING ALONG THE NORTH CAROLINA COAST AND GALE WARNINGS REMAIN DISPLAYED IN THE AREA FROM NAGS HEAD TO GEORGETOWN SOUTH CAROLINA. SINCE WHOLE GALE WINDS ARE EXPECTED TO OCCUR ON THE OUTER BANKS A HURRICANE WATCH IS IN EFFECT FOR THE AREA FROM NAGS HEAD TO WILMINGTON NORTH CAROLINA AND ALL INTERESTS HERE SHOULD BE READY TO TAKE QUICK PRECAUTIONS IF IT SHOULD BECOME NECESSARY TO ISSUED HURRICANE WARNINGS LATER TONIGHT OR FRIDAY MORNING. SMALL CRAFT FROM CAPE MAY NEW JERSEY TO CAPE CANAVERAL SHOULD REMAIN IN SAFE HARBOR.

PRESENT INDICATIONS ARE THAT THE CENTER OF HURRICANE ELLA WILL PASS TO THE EAST OF CAPE HATTERAS LATE FRIDAY. HURRICANE FORCE WINDS OF NEAR 90 MPH ARE EXPECTED TO CONTINUE AROUND THE COMPARATIVELY LARGE EYE. THE EYE BECAME ELLIPTICAL DURING THE AFTERNOON ORIENTED NORTHEAST SOUTHWEST SOME 60 TO 80 MILES ACROSS.

TIDES ARE RUNNING ABOVE NORMAL AND ARE EXPECTED TO INCREASE TO 3 TO 4 FEET ON THE WESTERN AND SOUTHERN SHORES OF PAMLICO SOUND. TIDES WILL BE HIGHER IF THE HURRICANE MOVES CLOSER TO THE COAST THAN IS NOW INDICATED.

NAVY AIRCRAFT OPERATING OUT OF JACKSONVILLE HAVE KEPT THE HURRICANE UNDER SURVEILLANCE TODAY AND THIS WATCH WILL BE CONTINUED INTO THE NIGHT AND FRIDAY.

SPECIAL OBSERVATIONS FROM NORTH CAROLINA TAKEN THIS AFTERNOON FOLLOW...

OAK ISLAND GUSTS TO 40 MPH CAPE LOOKOUT NORTH WINDS TO 45 MPH WITH TIDE 2 FEET ABOVE NORMAL TOPSAIL GUSTS TO 38 MPH WITH WAVES UP TO 6 FEET ATLANTIC BEACH WAVES TO 5 FEET GUSTS TO 35 MPH FOLLY BEACH BREAKING WAVES TO 5 TO 6 FEET SNEAD FERRY GUSTS TO 45 MPH SEA LEVEL PRESSURE 7 PM SAVANNAH 29.87 CHARLESTON 29.83 MYRTLE BEACH 29.81 WILMINGTON 29.85 HATTERAS 29.86

A SHIP LOCATED APPROXIMATELY 90 MILES SOUTHEAST OF THE HURRICANE CENTER REPORTED WINDS UP TO 90 MPH WITH HEAVY SEAS RANGING UP TO 40 TO 45 FEET AND WITH VISIBILITY NEAR ZERO IN RAIN SQUALLS.

IT IS EMPHASIZED AGAIN THAT ALL INTERESTS ALONG THE NORTH CAROLINA COAST SHOULD KEEP IN TOUCH WITH ALL ADVISORIES AND BULLETINS DURING THE NIGHT.

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

SUGG

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 14 ELLA 11 PM EST OCTOBER 18 1962.

A HURRICANE WATCH IS IN EFFECT FROM NAGS HEAD TO WILMINGTON NORTH CAROLINA. GALE WARNINGS ARE DISPLAYED FROM NAGS HEAD NORTH CAROLINA TO GEORGETOWN SOUTH CAROLINA AND SMALL CRAFT FROM CAPE MAY NEW JERSEY TO CAPE CANAVERAL FLORIDA SHOULD REMAIN IN SAFE HARBOR.

HURRICANE ELLA HAS REMAINED STATIONARY DURING THE EVENING AND AT 11 PM EST...0400Z...WAS LOCATED BY NAVY AIRCRAFT NEAR LATITUDE 31.2 NORTH LONGITUDE 76.2 WEST. THIS POSITION IS ABOUT 290 STATUTE MILES SOUTH OF CAPE HATTERAS.

HIGHEST WINDS ARE NEAR 90 MPH AROUND THE EDGE OF A COMPARATIVELY LARGE EYE AND GALES EXTEND OUTWARD ABOUT 300 MILES IN ALL DIRECTIONS.

PRESENT INDICATIONS ARE THAT THE HURRICANE WILL DRIFT SLOWLY NORTHWARD AT NOT MORE THAN 5 MPH DURING THE NEXT 12 HOURS THEN MOVE ON A NORTHEASTERLY COURSE AROUND 10 MPH BY MIDDAY FRIDAY. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS FORECAST.

THIS PROJECTED PATH WILL KEEP THE CENTER OF ELLA WELL OFF THE COAST OF NORTH CAROLINA HOWEVER DUE TO THE LARGE EXTENT OF THE STORM WINDS SOME GALES WILL CONTINUE ON THE NORTH CAROLINA COAST WITH WHOLE GALE FORCE LIKELY ON THE OUTER BANKS. OAK ISLAND NORTH CAROLINA REPORTED WIND GUSTS TO 50 MPH THIS EVENING.

TIDES WILL RANGE UP TO 3 TO 4 FEET ABOVE NORMAL ON THE WESTERN AND SOUTHERN SHORES OF PAMLICO SOUND.

ALL RESIDENTS ALONG THE NORTH CAROLINA COAST SHOULD KEEP IN CLOSE TOUCH WITH ALL ADVISORIES AND BULLETINS FRIDAY.

VESSELS NEAR THE HURRICANE SHOULD EXERCISE CAUTION.

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

SUGG

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 2 AM EST OCTOBER 19 1962.

A HURRICANE WATCH IS IN EFFECT ALONG THE NORTH CAROLINA COAST BETWEEN NAGS HEAD AND WILMINGTON AND GALE WARNINGS ARE DISPLAYED OVER THIS SAME AREA AND SOUTHWARD TO GEORGETOWN SOUTH CAROLINA. SMALL CRAFT FROM CAPE MAY NEW JERSEY TO CAPE CANAVERAL HAVE BEEN ADVISED TO REMAIN IN PORT.

HURRICANE ELLA REMAINS ABOUT STATIONARY. THE 2 AM EST CENTER POSITION AS DETERMINED BY NAVY RECONNAISSANCE AIRCRAFT WAS NEAR LATITUDE 31.2 NORTH LONGITUDE 76.2 WEST OR ABOUT 290 MILES SOUTH OF CAPE HATTERAS. LAND BASED WEATHER BUREAU RADARS AT CHARLESTON AND WILMINGTON ARE ALSO SCANNING PORTIONS OF THE HURRICANES RAIN BANDS.

HIGHEST WINDS AROUND THE EDGE OF THE EYE ARE ABOUT 90 MPH. WINDS OF GALE FORCE OR HIGHER ARE AFFECTING ATLANTIC SHIPPING OVER AN AREA SOME 600 MILES IN DIAMETER. GALES ARE CONTINUING ALONG THE NORTH CAROLINA COAST AND OAK ISLAND NEAR WILMINGTON HAS REPORTED GUSTS TO 60 MPH DURING THE PAST FEW HOURS. A SHIP ABOUT 60 MILES EAST OF CHARLESTON SOUTH CAROLINA REPORTED 45 MPH WINDS AT 1 AM. EARLIER A SHIP NEARER THE HURRICANE CENTER WAS EXPERIENCING 40 TO 45 FOOT SEAS WITH 90 MPH WINDS.

TIDES ARE A LITTLE ABOVE NORMAL ALONG THE NORTH CAROLINA COAST AND ARE EXPECTED TO RANGE UP TO 3 TO 4 FEET ABOVE NORMAL ON THE WESTERN AND SOUTHERN SHORES OF PAMLICO SOUND.

ELLA IS FORECAST TO DRIFT SLOWLY NORTHWARD DURING THE FORENOON THEN BEGIN TO MOVE TOWARD THE NORTHEAST. THERE WILL BE ANOTHER ADVISORY FROM THE MIAMI WEATHER BUREAU AT 5 AM EST.

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 15 ELLA 5 AM EST OCTOBER 19 1962.

A HURRICANE WATCH IS IN EFFECT FROM NAGS HEAD TO WILMINGTON NORTH CAROLINA. GALE WARNINGS ARE DISPLAYED FROM NAGS HEAD TO GEORGETOWN SOUTH CAROLINA. SMALL CRAFT FROM CAPE MAY NEW JERSEY TO SAVANNAH GEORGIA AND IN EXTREME SOUTHERN CHESAPEAKE BAY SHOULD REMAIN IN PORT AND SMALL CRAFT SOUTHWARD TO CAPE CANAVERAL FLORIDA SHOULD NOT VENTURE FAR FROM SHORE DUE TO ROUGH SEAS.

HURRICANE ELLA HAS REMAINED ESSENTIALLY STATIONARY DURING THE PAST SEVERAL HOURS. AT 5 AM EST...1000Z...THE CENTER WAS ESTIMATED TO BE NEAR LATITUDE 31.0 NORTH LONGITUDE 75.5 WEST OR ABOUT 290 STATUTE MILES SOUTH OF CAPE HATTERAS. THIS SLIGHT CHANGE FROM THE LOCATION GIVEN IN THE PREVIOUS ADVISORY IS IN PART DUE TO CHANGES IN THE SHAPE OF THE ELONGATED EYE. HIGHEST WINDS ARE NEAR 90 MPH AROUND THE EDGE OF THE EYE WITH GALES EXTENDING OUTWARD 350 STATUTE MILES FROM THE CENTER IN THE NORTHERN QUADRANT AND 300 MILES IN OTHER DIRECTIONS.

ELLA IS EXPECTED TO REMAIN ALMOST STATIONARY FOR THE NEXT 12 HOURS WITH A SLOW NORTHEASTWARD MOVEMENT AT NOT MORE THAN 8 MPH DURING THE SUBSEQUENT 12 HOURS. NO IMPORTANT CHANGE IN SIZE OR INTENSITY IS INDICATED.

THIS PATH WOULD KEEP THE CENTER WELL OFF THE COAST OF NORTH CAROLINA. HOWEVER DUE TO THE LARGE EXTENT OF THE STORM SOME GALES WILL CONTINUE ON THE NORTH CAROLINA COAST TODAY WITH CHANGE OF WHOLE GALE FORCE ON THE OUTER BANKS MOSTLY IN GUSTS. TIDES WILL RANGE UP TO 2 TO 4 FEET ABOVE NORMAL ON THE NORTH CAROLINA COAST FROM HATTERAS NORTHWARD AND ON THE SOUTHERN AND WESTERN SIDE OF PAMLICO AND ALBEMARLE SOUNDS.

RESIDENTS ALONG THE NORTH CAROLINA COAST SHOULD KEEP IN TOUCH WITH FURTHER ADVICES. VESSELS NEAR THE HURRICANE SHOULD EXERCISE CAUTION.

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

MOORE

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 8 AM EST OCTOBER 19 1962.

HURRICANE ELLA HAS BEEN UNDER SURVEILLANCE BY NAVY AIRCRAFT DURING THE NIGHT AND REPORTS INDICATE THAT THE HURRICANE HAS REMAINED ESSENTIALLY STATIONARY IN THE VICINITY OF LATITUDE 31.0 NORTH LONGITUDE 75.5 WEST OR ABOUT 290 STATUTE MILES SOUTH OF CAPE HATTERAS NORTH CAROLINA. AS THE NAVY PLANE DEPARTED THE EYE EARLY THIS MORNING THREE WEATHER BUREAU PLANES WERE ENROUTE TO THE STORM TO TRACK IT TODAY AND TO COLLECT RESEARCH DATA AT VARIOUS LEVELS.

MAXIMUM WINDS ARE 90 MPH OR A LITTLE HIGHER AND WINDS OF GALE FORCE ARE AFFECTING ATLANTIC SHIPPING OVER AN AREA ALMOST 600 MILES IN DIAMETER. A HURRICANE WATCH CONTINUES IN EFFECT ON THE NORTH CAROLINA COAST FROM NAGS HEAD TO WILMINGTON AND GALE WARNINGS ARE DISPLAYED OVER THIS SAME AREA AND SOUTHWARD TO GEORGETOWN SOUTH CAROLINA. SMALL CRAFT FROM CAPE MAY NEW JERSEY AND EXTREME SOUTHERN CHESAPEAKE BAY TO SAVANNAH GEORGIA HAVE BEEN CAUTIONED TO STAY IN SAFE HARBOR. OTHERS SOUTHWARD TO CAPE CANAVERAL FLORIDA HAVE BEEN ADVISED TO NOT VENTURE FAR FROM SHORE DUE TO ROUGH SEAS.

OAK ISLAND NEAR WILMINGTON NORTH CAROLINA IS REPORTING GUSTS TO 40 MPH AND OTHER POINTS ALONG THE NORTH CAROLINA COAST HAVE EXPERIENCED WINDS OF ABOUT 30 MPH AT TIMES DURING THE NIGHT. MUCH HIGHER WINDS ARE OCCURRING JUST OFFSHORE AND POSSIBLY ALONG SOME OF THE OUTER BANKS.

ELLA IS EXPECTED TO REMAIN ABOUT STATIONARY MOST OF TODAY BEGINNING A SLOW NORTHEASTWARD MOVEMENT THEREAFTER. NOT MUCH CHANGE IS EXPECTED IN SIZE OR INTENSITY. INTERESTS IN THE AREA WHERE WARNINGS ARE DISPLAYED SHOULD KEEP IN TOUCH WITH FURTHER ADVICES TODAY.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 16 ELLA 11 AM EST OCTOBER 19 1962.

A HURRICANE WATCH REMAINS IN EFFECT FROM NAGS HEAD TO WILMINGTON NORTH CAROLINA. GALE WARNINGS ARE DISPLAYED FROM NAGS HEAD TO GEORGETOWN SOUTH CAROLINA. SMALL CRAFT FROM CAPE MAY NEW JERSEY TO SAVANNAH GEORGIA AND IN EXTREME SOUTHERN CHESAPEAKE BAY SHOULD REMAIN IN PORT AND SMALL CRAFT SOUTHWARD TO CAPE CANAVERAL FLORIDA SHOULD NOT VENTURE FAR FROM SHORE DUE TO ROUGH SEAS.

AT 11 AM EST...1600Z...THE CENTER OF HURRICANE ELLA WAS LOCATED AT LATITUDE 31.0 NORTH LONGITUDE 74.0 WEST OR ABOUT 315 STATUTE MILES SOUTHSOUTHEAST OF CAPE HATTERAS NORTH CAROLINA BASED ON NAVY AND WEATHER BUREAU RECONNAISSANCE AIRCRAFT REPORTS. ELLA IS MOVING ON A EAST TO EASTNORTHEAST COURSE AT ABOUT 5 MPH.

HIGHEST WINDS ARE 100 MPH OVER A SMALL AREA NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUT SOME 100 MILES FROM THE CENTER. GALE FORCE WINDS COVER AN AREA 350 MILES IN THE NORTHERN SEMICIRCLE AND 300 MILES IN THE SOUTHERN SEMICIRCLE.

DURING THE NEXT 12 HOURS ELLA IS EXPECTED TO MOVE SLOWLY NORTH EASTWARD WITH A POSSIBLE TURN TO THE NORTHNORTHEAST ON SATURDAY MORNING. NO IMPORTANT CHANGE IN SIZE AND LITTLE FURTHER INTENSIFICATION IS INDICATED. LOWEST PRESSURE REPORTED THIS MORNING WAS 969 MILLIBARS OR 28.62 INCHES.

THIS PATH WILL KEEP THE CENTER WELL OFF THE COAST OF NORTH CAROLINA. DUE TO THE LARGE EXTENT OF THE STORM GALES WILL CONTINUE AT EXPOSED POINTS ALONG THE NORTH CAROLINA COAST TODAY AND TONIGHT WITH CHANCE OF WHOLE GALE FORCE WINDS ON THE OUTER BANKS TONIGHT MOSTLY IN GUSTS. TIDES WILL RANGE UP TO 2 TO 4 FEET ABOVE NORMAL ON THE NORTH CAROLINA COAST FROM HATTERAS NORTH AND ON THE SOUTHERN AND WESTERN SIDE OF PAMLICO AND ALBEMARLE SOUNDS. SEAS WILL CONTINUE EXTREMELY ROUGH OVER THE OPEN WATERS OFF THE CAROLINA COASTS.

RESIDENTS ALONG THE NORTH CAROLINA COAST SHOULD CONTINUE TO KEEP IN TOUCH WITH FURTHER ADVICES. VESSELS NEAR THE HURRICANE SHOULD EXERCISE CAUTION.

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

CLARK

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 2 PM EST OCTOBER 19 1962.

AT 2 PM EST SEVERE HURRICANE ELLA WAS CENTERED AT APPROXIMATELY LATITUDE 31.2 NORTH LONGITUDE 73.8 WEST MOVING EASTNORTHEAST TO NORTHEAST AT ABOUT 6 MPH.

HURRICANE ELLA CONTINUES TO HAVE A LARGE EYE ABOUT 60 MILES IN DIAMETER. THIS EYE IS SURROUNDED BY A MORE OR LESS CIRCULAR WALL CLOUD SOME 10 TO 20 MILES THICK UNDER WHICH 100 MPH SQUALLS ARE OCCURRING. AT ABOUT 1130 AM WEATHER BUREAU RESEARCH AIRCRAFT ESTIMATED WINDS AT 120 MPH IN ONE SQUALLY AREA. WINDS GRADUALLY DECREASE OUTWARD FROM THE OUTER EDGE OF THE WALL CLOUD TO THE PERIPHERY OF THE STORM.

THE NAESS CAVALIER HAS NOW BEEN EXPERIENCING WINDS IN EXCESS OF 80 MPH FOR WELL OVER 24 HOURS. AT 9 AM IT REPORTED WINDS OF 100 MPH SEAS 45 FEET VISIBILITY ZERO AND RAIN AND SEA SPRAY. PARADOXICALLY THE SHIP APPARENTLY WAS ONLY 6 TO 7 MILES FROM THE EDGE OF THE EYE WHERE WINDS WERE SOME 15 MPH OR LESS.

THE HURRICANE CONTINUES TO INTENSIFY AND THE CENTRAL PRESSURE IS NOW 962 MILLIBARS OR 28.41 INCHES. IN VIEW OF THE DRY AND COMPARATIVELY COOL AIR FLOODING THE WESTERN AND SOUTHERN SECTORS OF THE CIRCULATION THIS IS RATHER PUZZLING. HOWEVER A VERY EFFICIENT MECHANISM EXISTS FOR THE EVACUATION OF AIR SOME 40000 FEET ABOVE THE OCEAN SURFACE AT THE TOP OF THE STORM A PRIME REQUISITE FOR INTENSIFICATION.

MOST OF THE STORMS VAST CIRCULATION IS STILL SOUTH OF THE MAINE CURRENT OF THE WESTERLIES AND IT IS BELIEVED A STABLE STEERING CURRENT HAS NOT YET BEEN FIRMLY ESTABLISHED. THUS A RATHER SLOW AND SOMEWHAT IRREGULAR MOVEMENT IS LIKELY FOR A WHILE LONGER. HOWEVER FORECASTERS ARE CONFIDENT THE CENTER WILL REMAIN WELL OFF THE NORTH CAROLINA COAST AND THE FRINGE EFFECTS THERE WILL BE CONFINED TO GALE WINDS AT THE MORE EXPOSED POINTS WITH MODERATELY HIGH TIDES MOSTLY 2 TO 4 FEET ABOVE NORMAL SOMEWHAT HIGHER WHERE THERE ARE FUNNELING EFFECTS. SEAS WILL CONTINUE VERY ROUGH OUTSIDE AND SMALL CRAFT ALONG THE VIRGINIA AND CAROLINA COAST SHOULD REMAIN IN SAFE HARBOR.

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

DUNN

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 17 ELLA 5 PM EST OCTOBER 19 1962.

THE HURRICANE WATCH FROM NAGS HEAD TO WILMINGTON ALONG THE NORTH CAROLINA COAST HAS BEEN DISCONTINUED. GALE WARNINGS REMAIN DISPLAYED FROM NAGS HEAD TO GEORGETOWN SOUTH CAROLINA. SMALL CRAFT FROM CAPE MAY NEW JERSEY TO SAVANNAH GEORGIA AND IN EXTREME SOUTHERN CHESAPEAKE BAY SHOULD REMAIN IN PORT AND SMALL CRAFT SOUTHWARD TO CAPE CANAVERAL FLORIDA SHOULD NOT VENTURE FROM SHORE DUE TO ROUGH SEAS.

AT 5 PM EST...2200Z...THE CENTER OF SEVERE HURRICANE ELLA WAS LOCATED NEAR LATITUDE 31.5 NORTH LONGITUDE 73.3 WEST OR ABOUT 290 STATUTE MILES SOUTHEAST OF CAPE HATTERAS NORTH CAROLINA BASED ON WEATHER BUREAU AIRCRAFT RECONNAISSANCE REPORTS. ELLA IS MOVING NORTHEASTWARD ABOUT 8 MPH.

HIGHEST WINDS ARE AROUND 100 MPH NEAR THE CENTER WITH WIND GUSTS TO 120 MPH IN HEAVIER SQUALLS IN THE SOUTHEAST QUADRANT. HURRICANE FORCE WINDS EXTEND SOME 100 MILES FROM THE CENTER EXCEPT ONLY 50 MILES IN THE WEST QUADRANT. GALE FORCE WINDS COVER AN AREA OF 350 MILES IN THE NORTHERN SEMICIRCLE AND 300 MILES TO THE SOUTH. LOWEST PRESSURE REPORTED DURING THE AFTERNOON WAS 962 MILLIBARS OR 28.41 INCHES.

DURING THE NEXT 12 TO 18 HOURS ELLA IS FORECAST TO MOVE NORTHEAST TO NORTHNORTHEAST AT ABOUT THE SAME FORWARD SPEED. ANY FURTHER INTENSIFICATION IS EXPECTED TO BE SLIGHT DUE TO ELLAS MOVEMENT INTO MIDDLE LATITUDES. LITTLE CHANGE IS EXPECTED IN THE SIZE OF THIS HURRICANE.

EVEN THOUGH A MORE NORTHERLY COURSE HAS BEEN FORECAST THE CENTER WILL REMAIN WELL OFF THE COAST OF NORTH CAROLINA. DUE TO THE LARGE EXTENT OF THE STORM GALES WILL CONTINUE AT EXPOSED POINTS ALONG THE NORTH CAROLINA COAST TONIGHT PROBABLY DIMINISHING SOME ON SATURDAY. TIDES WILL BE MOSTLY 2 TO 4 FEET ABOVE NORMAL ON THE NORTH CAROLINA COAST FROM HATTERAS NORTH AND LOCALLY 4 TO 6 FEET ON THE SOUTHERN AND WESTERN SIDES OF PAMLICO AND ALBEMARLE SOUNDS. SEAS WILL CONTINUE EXTREMELY ROUGH OVER THE OPEN WATERS OFF THE CAROLINA COAST. BEACHES ALONG THE SOUTH ATLANTIC COAST WILL RECEIVE HEAVY POUNDING FROM LARGE STORM SWELLS EMANATING FROM ELLA DURING TONIGHT AND SATURDAY.

RESIDENTS ALONG THE NORTH CAROLINA COAST SHOULD CONTINUE TO KEEP IN TOUCH WITH FURTHER ADVICES. VESSELS NEAR THE CENTER SHOULD EXERCISE EXTREME CAUTION.

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

CLARK

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 8 PM EST OCTOBER 19 1962.

AT 8 PM EST HURRICANE ELLA WAS LOCATED NEAR LATITUDE 31.8 NORTH LONGITUDE 73.0 WEST OR ABOUT 280 STATUTE MILES SOUTHEAST OF CAPE HATTERAS. THE HURRICANE IS MOVING NORTHEASTWARD 8 MPH. HIGHEST WINDS REMAIN AT 100 MPH POSSIBLY A LITTLE HIGHER IN SQUALLS,

GALE WARNINGS REMAIN DISPLAYED FROM NAGS HEAD TO GEORGETOWN SOUTH CAROLINA. SMALL CRAFT FROM CAPE MAY NEW JERSEY TO SAVANNAH AND IN THE EXTREME SOUTHERN CHESAPEAKE BAY SHOULD REMAIN IN PORT. SMALL CRAFT ALONG THE GEORGIA AND FLORIDA EAST COAST AND IN THE NORTHERN BAHAMAS SHOULD REMAIN IN PROTECTED WATERS OR NOT VENTURE FAR FROM SHORE DUE TO MODERATE TO ROUGH SEAS AND HEAVY GROUND SWELLS. A SHIP LOCATED ABOUT 150 MILES EAST OF CAPE CANAVERAL REPORTED SEAS TO 13 FEET WITH WINDS TO 45 MPH.

TIDES WILL CONTINUE 2 TO 4 FEET ABOVE NORMAL ALONG PORTIONS OF THE NORTH CAROLINA COAST RANGING UP TO 4 TO 6 FEET IN PAMLICO AND ALBEMARLE SOUNDS TONIGHT AND SATURDAY.

SLOW MOVING HURRICANE ELLA HAS PRODUCED HEAVY SWELLS THROUGHOUT THE SOUTHWEST NORTH ATLANTIC. THE COMBINATION OF WINDS TIDES AND GROUND SWELLS WILL PRODUCE MINOR FLOODING AND SOME BEACH EROSION MAINLY AT TIMES OF HIGH TIDE ALONG THE SOUTHEAST ATLANTIC COAST AND NORTHERN BAHAMAS TONIGHT AND SATURDAY.

INTERESTS ALONG THE NORTH CAROLINA COAST SHOULD KEEP IN TOUCH WITH FUTURE ADVICES.

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

SUGG

MIAMI WEATHER BUREAU ADVISORY NUMBER 18 ELLA 11 PM EST OCTOBER 19 1962.

LOWER GALE WARNINGS SOUTH OF CAPE LOOKOUT NORTH CAROLINA. GALE WARNINGS REMAIN DISPLAYED NAGS HEAD SOUTHWARD TO CAPE LOOKOUT NORTH CAROLINA AND SMALL CRAFT FROM CAPE MAY NEW JERSEY TO SAVANNAH GEORGIA AND IN EXTREME SOUTHERN CHESAPEAKE BAY SHOULD REMAIN IN PORT. SMALL CRAFT FROM SAVANNAH SOUTHWARD ALONG THE FLORIDA EAST COAST AND IN THE NORTHERN BAHAMAS SHOULD REMAIN IN PROTECTED WATERS OR NOT VENTURE FAR FROM SHORE UNTIL ROUGH SEAS AND HEAVY GROUND SWELLS SUBSIDE.

AT 11 PM EST...0400Z...HURRICANE ELLA WAS LOCATED BY NAVY RECONNAISSANCE AIRCRAFT NEAR LATITUDE 32.5 NORTH LONGITUDE 72.5 WEST OR ABOUT 270 STATUTE MILES SOUTHEAST OF CAPE HATTERAS. THE HURRICANE HAS INCREASED ITS FORWARD SPEED AND IS NOW MOVING ABOUT 11 MPH TOWARD THE NORTHEAST.

HIGHEST WINDS ARE NEAR 100 MPH OVER A SMALL AREA NEAR THE CENTER WITH HURRICANE FORCE WINDS EXTENDING OUTWARD 50 TO 100 MILES IN ALL QUADRANTS. GALES EXTEND OUTWARD SOME 350 MILES TO THE NORTH AND EAST AND 300 MILES IN THE SOUTHWEST QUADRANT.

ELLA IS FORECAST TO MOVE TOWARD THE NORTHEAST AT 11 MPH DURING THE NEXT 12 HOURS WITH LITTLE INCREASE IN FORWARD SPEED BY MIDDAY SATURDAY. LITTLE CHANGE IN SIZE OR INTENSITY IS INDICATED.

GALES ARE EXPECTED TO CONTINUE ALONG THE EXPOSED POINTS OF THE NORTH CAROLINA COAST DURING EARLY SATURDAY AND TIDES WILL BE 2 TO 4 FEET ABOVE NORMAL ON THE NORTH CAROLINA COAST FROM HATTERAS NORTH AND LOCALLY 4 TO 6 FEET ON THE SOUTHERN AND WESTERN SIDES OF PAMLICO AND ALBEMARLE SOUNDS.

SMALL CRAFT AT BERMUDA SHOULD REMAIN IN PORT FOR WINDS UP TO 35 MPH WITH ROUGH SEAS AND HEAVY SWELLS SATURDAY.

VESSELS IN THE PATH OF THE HURRICANE SHOULD EXERCISE CAUTION.

NEXT ADVISORY AT 5 AM EST 1000Z WITH AN INTERMEDIATE BULLETIN AT 2 AM BY THE MIAMI WEATHER BUREAU.

SUGG

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 2 AM EST OCTOBER 20 1962.

HURRICANE ELLA CONTINUES ON A COURSE TOWARD THE NORTHEAST AT ABOUT 11 MPH AND AT 2 AM EST WAS CENTERED 250 MILES SOUTHEAST OF CAPE HATTERAS NORTH CAROLINA NEAR LATITUDE 33.0 NORTH LONGITUDE 72.0 WEST. GALE WARNINGS ARE FLYING ALONG THE NORTH CAROLINA COAST BETWEEN NAGS HEAD AND CAPE HATTERAS WHERE WINDS AT EXPOSED POINTS ON THE OUTER BANKS MAY RANGE UP TO AROUND 50 MPH AT TIMES TODAY.

ELLA IS CAUSING GALES OVER AN AREA OF MORE THAN 600 MILES IN DIAMETER AND SMALL CRAFT FROM CAPE MAY NEW JERSEY TO SAVANNAH GEORGIA AND AT BERMUDA HAVE BEEN WARNED TO STAY IN PORT WHILE OTHERS AS FAR SOUTH AS THE FLORIDA EAST COAST AND THE NORTHERN BAHAMAS HAVE BEEN ADVISED OF ROUGH SEAS AND HEAVY GROUND SWELLS SPREADING OUT FROM THE HURRICANE. SOME BEACH EROSION IS EXPECTED TO RESULT FROM HEAVY SURF ALONG MUCH OF THE MIDDLE AND SOUTH ATLANTIC COAST. TIDES WILL RANGE FROM 2 TO 4 FEET ABOVE NORMAL ALONG THE NORTH CAROLINA COAST TODAY AND INDICATIONS ARE THAT A FEW PLACES ON THE SOUTHERN AND WESTERN SIDES OF PAMLICO AND ALBEMARLE SOUNDS MAY EXPERIENCE TIDES OF AS MUCH AS 6 FEET ABOVE NORMAL.

HIGHEST WINDS NEAR THE CENTER OF ELLA ARE EXPECTED TO CONTINUE AROUND 100 MPH AS THE HURRICANE MOVES NORTHEASTWARD ABOUT 11 MPH TODAY.

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

MOORE

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 19 ELLA 5 AM EST OCTOBER 20 1962.

HOIST GALE WARNINGS NORTH OF NAGS HEAD NORTH CAROLINA TO CAPE MAY NEW JERSEY.

GALES WARNINGS ARE NOW DISPLAYED FROM CAPE MAY NEW JERSEY TO CAPE LOOKOUT NORTH CAROLINA. SMALL CRAFT FROM BLOCK ISLAND RHODE ISLAND TO SAVANNAH GEORGIA AND IN EXTREME SOUTHERN CHESAPEAKE BAY SHOULD REMAIN IN PORT. SMALL CRAFT FROM SAVANNAH SOUTHWARD TO THE FLORIDA EAST COAST AND IN THE NORTHERN BAHAMAS SHOULD REMAIN IN PROTECTED WATERS DUE TO HEAVY SEAS OFFSHORE.

AT 5 AM EST...1000Z...THE CENTER OF HURRICANE ELLA WAS LOCATED BY NAVY RECONNAISSANCE AIRCRAFT NEAR LATITUDE 33.8 NORTH LONGITUDE 71.2 WEST OR ABOUT 270 STATUTE MILES EASTSOUTHEAST OF CAPE HATTERAS. THE HURRICANE HAS INCREASED ITS FORWARD MOVEMENT TO ABOUT 15 MPH TOWARD THE NORTHEAST.

HIGHEST WINDS ARE NEAR 100 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 50 TO 100 MILES FROM THE CENTER WHILE GALES EXTEND OUTWARD SOME 350 MILES TO THE NORTH AND EAST AND 300 MILES IN THE SOUTHWEST QUADRANT.

ELLA IS FORECAST TO MOVE TOWARD THE NORTHEAST AT ABOUT 16 MPH FOR THE NEXT 18 TO 24 HOURS. LITTLE CHANGE IN SIZE OR INTENSITY IS INDICATED. GALES WILL CONTINUE ALONG OR NEAR THE NORTH CAROLINA CAPES FROM CAPE LOOKOUT NORTHWARD AND GRADUALLY SPREAD NORTHWARD UP THE COAST TO THE VICINITY OF CAPE MAY NEW JERSEY. TIDES WILL RANGE FROM 2 TO 4 FEET ABOVE NORMAL BETWEEN CAPE MAY AND CAPE HATTERAS AND AROUND THE SOUTHWESTERN PORTIONS OF PAMLICO AND ALBEMARLE SOUNDS.

SMALL CRAFT AT BERMUDA SHOULD REMAIN IN PORT FOR WINDS OF ABOUT GALE FORCE TODAY AND TONIGHT. SHIPPING SHOULD CONTINUE TO EXERCISE CAUTION.

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

MOORE

MIAMI WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 8 AM EST OCTOBER 20 1962.

HURRICANE ELLA CONTINUES TO MOVE TOWARDS THE NORTHEAST AT 15 MPH AND AT 8 AM EST WAS CENTERED 300 STATUTE MILES EASTSOUTHEAST OF CAPE HATTERAS NORTH CAROLINA NEAR LATITUDE 34.3 NORTH AND LONGITUDE 70.6 WEST. GALE WARNINGS ARE DISPLAYED FROM CAPE MAY NEW JERSEY TO CAPE LOOKOUT NORTH CAROLINA.

THE WIND FIELD ASSOCIATED WITH ELLA CONTINUES TO COVER A VERY LARGE REGION WITH GALES COVERING AN AREA OF MORE THAN 600 MILES IN DIAMETER. SHIPS JUST OFFSHORE FROM CAPE CHARLES VIRGINIA HAVE BEEN REPORTING WINDS TO 35 MPH. SMALL CRAFT IN BERMUDA AND ALONG THE U. S. MAINLAND FROM BLOCK ISLAND RHODE ISLAND TO SAVANNAH GEORGIA AND IN EXTREME SOUTHERN CHESAPEAKE BAY SHOULD REMAIN IN PORT.

DUE TO THE STORMS SLOW MOTION ROUGH SEAS AND HEAVY SWELLS STILL PERSIST SOUTHWARD TO THE NORTHERN BAHAMA ISLANDS. TIDES ARE RUNNING FROM 1 TO 2 FEET ABOVE NORMAL FROM VIRGINIA AS FAR SOUTH AS MIAMI AND ARE EXPECTED TO INCREASE SOME ALONG THE VIRGINIA COAST TODAY. SMALL CRAFT FROM SAVANNAH GEORGIA SOUTHWARD ALONG THE FLORIDA EAST COAST AND IN THE NORTHERN BAHAMAS SHOULD REMAIN IN PROTECTED WATERS UNTIL SEAS SUBSIDE.

THE INTENSITY OF ELLA HAS CHANGED VERY LITTLE DURING THE PAST 3 HOURS WITH HIGHEST WINDS NEAR 100 MPH OVER A SMALL AREA NEAR THE CENTER. ELLA IS EXPECTED TO CONTINUE ON A NORTHEASTERLY COURSE TODAY AT A SPEED NEAR 16 MPH.

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

FRANK

MIAMI WEATHER BUREAU HURRICANE ADVISORY NUMBER 20 ELLA 11 AM EST OCTOBER 20 1962.

GALE WARNINGS ARE DISPLAYED FROM CAPE MAY NEW JERSEY TO CAPE LOOKOUT NORTH CAROLINA FOR ROUGH SEAS HEAVY SWELLS AND GALE WINDS A SHORT DISTANCE OFF THE COAST. SMALL CRAFT FROM BLOCK ISLAND RHODE ISLAND TO SAVANNAH GEORGIA AND IN EXTREME SOUTHERN CHESAPEAKE BAY SHOULD REMAIN IN PORT. SMALL CRAFT FROM SAVANNAH SOUTHWARD ALONG THE FLORIDA EAST COAST AND IN THE EXTREME NORTHERN BAHAMAS SHOULD EXERCISE CAUTION UNTIL THE ROUGH SEAS AND HEAVY GROUND SWELLS SUBSIDE.

AT 11 AM EST...1600Z...THE CENTER OF HURRICANE ELLA WAS LOCATED ON THE BASIS OF AIR FORCE RECONNAISSANCE AIRCRAFT NEAR LATITUDE 34.4 NORTH LONGITUDE 70.0 WEST OR ABOUT 310 STATUTE MILES NORTHWEST OF BERMUDA AND 320 MILES EASTSOUTHEAST OF CAPE HATTERAS. THE HURRICANE IS NOW MOVING NORTHEASTWARD ABOUT 15 MPH.

HIGHEST WINDS CONTINUE ABOUT 100 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 50 TO 100 MILES FROM THE CENTER AND GALES EXTEND OUTWARD SOME 350 MILES TO THE NORTH AND EAST AND 300 MILES IN THE SOUTHWEST QUADRANT. LOWEST PRESSURE IN THE CENTER THIS MORNING IS 962 MILLIBARS OR 28.42 INCHES.

ELLA IS EXPECTED TO MOVE ON A NORTHEAST COURSE AT ABOUT 17 MPH DURING THE NEXT 12 HOURS WITH LITTLE CHANGE IN SIZE OR INTENSITY. GALES WILL CONTINUE OVER THE OPEN OCEAN TO WITHIN A SHORT DISTANCE OF THE COASTLINE FROM CAPE HATTERAS TO CAPE MAY WITH HEAVY SEAS AND TIDES TWO TO FOUR FEET ABOVE NORMAL. ALONG THE SOUTH ATLANTIC COAST SOUTH OF CAPE HATTERAS ROUGH SEAS AND HEAVY GROUND SWELLS ARE SLOWLY MODERATING.

THE FUTURE COURSE OF ELLA WILL KEEP THE MAIN BODY OF THE HURRICANE WELL OUT OVER THE OPEN OCEAN AND ONLY FRINGE EFFECTS OF MODERATELY HIGH TIDES ROUGH SEAS AND HEAVY SWELLS WILL BE FELT ALONG THE COASTLINE. SHIPPING IN THE PATH OF THE HURRICANE SHOULD EXERCISE EXTREME CAUTION.

THE NEXT ADVISORY WILL BE ISSUED FROM THE WASHINGTON D. C. WEATHER BUREAU AT 5 PM EST WITH AN INTERMEDIATE BULLETIN AT 2 PM EST.

DUNN

WASHINGTON WEATHER BUREAU BULLETIN FOR PRESS RADIO AND TELEVISION 2 PM EST SATURDAY OCTOBER 20 1962.

HURRICANE ELLA HAS CONTINUED TO MOVE TOWARDS THE NORTHEAST ABOUT 15 MPH AND AT 2 PM EST WAS POSITIONED NEAR LATITUDE 34.8 NORTH AND LONGITUDE 69.4 WEST OR ABOUT 360 STATUTE MILES EAST OF CAPE HATTERAS NORTH CAROLINA.

ALTHOUGH THE HURRICANE IS NO LONGER A THREAT TO COASTAL SECTIONS OF THE MIDDLE ATLANTIC STATES GALE WARNINGS REMAIN DISPLAYED FROM CAPE MAY NEW JERSEY TO CAPE LOOKOUT NORTH CAROLINA DUE TO ROUGH SEAS HEAVY SWELLS AND GALE WINDS A SHORT DISTANCE OFF THE COAST. TIDES ARE EXPECTED TO RUN 1 TO 3 FEET ABOVE NORMAL THIS AFTERNOON AND TONIGHT.

WINDS ALONG COASTAL NORTH CAROLINA AND VIRGINIA ARE GRADUALLY DECREASING AND WILL BE UNDER 26 MPH ON THE MAINLAND BUT 30 TO 40 MPH A SHORT DISTANCE OFF SHORE. SMALL CRAFT FROM BLOCK ISLAND RHODE ISLAND TO SAVANNAH GEORGIA AND IN EXTREME SOUTHERN CHESAPEAKE BAY SHOULD REMAIN IN PORT UNTIL SEAS SUBSIDE.

THE INTENSITY OF ELLA CONTINUES ABOUT THE SAME WITH HIGHEST WINDS 100 MPH OVER A SMALL AREA NEAR THE CENTER AND WITH GALES EXTENDING OUTWARD ABOUT 350 MILES TO THE NORTH AND EAST AND 300 MILES TO THE SOUTHWEST.

ELLA IS EXPECTED TO CONTINUE ON A NORTHEASTERLY COURSE THIS AFTERNOON AND TONIGHT AT A SPEED BETWEEN 15 AND 20 MPH.

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

SCHMIDT

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 21 ELLA 5 PM EST OCTOBER 20 1962.

GALE WARNINGS LOWERED AT 5 PM EST FROM CAPE MAY NEW JERSEY TO CAPE LOOKOUT NORTH CAROLINA. SMALL CRAFT FROM BLOCK ISLAND RHODE ISLAND TO CAPE HATTERAS NORTH CAROLINA SHOULD REMAIN IN PORT AND THOSE SOUTH OF CAPE HATTERAS SHOULD EXERCISE CAUTION UNTIL ROUGH SEAS SUBSIDE.

AT 5 PM EST...2200Z...THE CENTER OF HURRICANE ELLA WAS LOCATED BY AIR FORCE RECONNAISSANCE AIRCRAFT NEAR LATITUDE 34.9 NORTH LONGITUDE 69.1 WEST OR ABOUT 380 STATUTE MILES EAST OF CAPE HATTERAS. THE HURRICANE HAS CONTINUED TO MOVE NORTHEASTWARD ABOUT 15 MPH.

STRONGEST WINDS CONTINUE ABOUT 100 MPH OVER A SMALL AREA NEAR THE CENTER. HURRICANE FORCE WINDS EXTEND OUTWARD 50 TO 100 MILES FROM THE CENTER AND GALES EXTEND OUTWARD ABOUT 350 MILES TO THE NORTH AND EAST AND 300 MILES IN THE SOUTHWEST QUADRANT.

ELLA IS EXPECTED TO MOVE ON A NORTHEAST COURSE 15 TO 20 MPH DURING THE NEXT 12 HOURS AND THEN GRADUALLY CURVE MORE TOWARDS THE EASTNORTHEAST AT A LITTLE FASTER SPEED. THERE WILL BE LITTLE CHANGE IN INTENSITY DURING THE NEXT 12 TO 18 HOURS.

TIDES ALONG THE COAST FROM CAPE HATTERAS TO NORTHERN NEW JERSEY WILL RUN 1 TO 3 FEET ABOVE NORMAL TONIGHT. GALES A SHORT DISTANCE OFF SHORE FROM CAPE HATTERAS TO SOUTHERN NEW JERSEY WILL GRADUALLY DIMINISH LATER TONIGHT BUT ROUGH SEAS WILL CONTINUE ALONG THE COAST FOR ANOTHER 12 TO 24 HOURS.

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

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

SCHMIDT

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 22 ELLA 11 PM EST OCTOBER 20 1962.

AT 11 PM EST...0400Z...THE CENTER OF HURRICANE ELLA WAS ESTIMATED FROM CONTINUITY OF MOVEMENT AND PERIPHERAL SHIP REPORTS TO BE NEAR LATITUDE 35.5 NORTH LONGITUDE 68.0 WEST OR ABOUT 300 STATUTE MILES NORTHWEST OF BERMUDA. THE HURRICANE HAS CONTINUED TO MOVE NORTHEASTWARD 15 MPH.

SMALL CRAFT SHOULD REMAIN IN PORT FROM BLOCK ISLAND RHODE ISLAND TO CAPE HATTERAS UNTIL ROUGH SEAS SUBSIDE.

STRONGEST WINDS CONTINUE ABOUT 100 MPH AND WINDS OF HURRICANE FORCE OR LITTLE STRONGER FORM A BAND BETWEEN 50 AND 100 MILES OUT FROM THE CENTER. GALE FORCE WINDS EXTEND OUTWARD TO 350 MILES ALL QUADRANTS EXCEPT 300 MILES TO THE WEST.

HURRICANE ELLA IS EXPECTED TO CONTINUE MOVING ON A NORTHEAST COURSE WITH THE FORWARD SPEED INCREASING TO 15 TO 20 MPH DURING THE NEXT 12 HOURS AND UP TO ABOUT 25 MPH THE FOLLOWING 12 HOURS. THE INTENSITY IS EXPECTED TO REMAIN ABOUT THE SAME TONIGHT WITH SOME DECREASE IN THE STRONGEST WINDS SUNDAY.

TIDES ALONG THE COAST FROM CAPE HATTERAS TO NORTHERN NEW JERSEY WILL CONTINUE ABOUT 1 TO 2 FEET ABOVE NORMAL TONIGHT AND SUNDAY. ROUGH SEAS ALONG THE COAST HATTERAS TO BLOCK ISLAND EXPECTED TO CONTINUE ANOTHER 12 TO 18 HOURS.

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

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

E. HOOVER

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 23 ELLA 5 AM EST OCTOBER 21 1962.

AT 5 AM EST...1000Z...THE CENTER OF HURRICANE ELLA WAS ESTIMATED FROM CONTINUITY OF MOVEMENT AND PERIPHERAL SHIP REPORTS TO BE NEAR LATITUDE 36.2 NORTH LONGITUDE 66.8 WEST OR ABOUT 300 STATUTE MILES NORTHNORTHWEST OF BERMUDA. THE HURRICANE IS MOVING TOWARD THE NORTHEAST AT ABOUT 16 MPH.

THE STRONGEST WINDS CONTINUE ABOUT 100 MPH AND WINDS OF HURRICANE FORCE OR A LITTLE STRONGER FORM A BAND BETWEEN 50 AND 100 MILES OUT FROM THE CENTER. GALE FORCE WINDS EXTEND OUTWARD TO 350 MILES ALL QUADRANTS EXCEPT 300 MILES TO THE WEST.

HURRICANE ELLA IS EXPECTED TO MOVE BETWEEN EASTNORTHEAST AND NORTHEAST WITH THE FORWARD SPEED INCREASING TO 20 MPH DURING THE NEXT 12 HOURS AND TO 25 OR 30 MPH DURING THE NEXT 24 HOURS. SOME DECREASE IS EXPECTED IN THE STRONGEST WINDS TODAY BUT THE AREA OF GALES SHOULD REMAIN ABOUT THE SAME.

TIDES ALONG THE COAST FROM CAPE HATTERAS TO NORTHERN NEW JERSEY ARE 1 TO 2 FEET ABOVE NORMAL AND ARE FORECAST TO LOWER SLOWLY DURING THE NEXT 24 HOURS. SEAS ALONG THE COAST ARE EXPECTED TO SUBSIDE DURING THE DAY TODAY.

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

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

E. HOOVER

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 24 ELLA 11 AM EST OCTOBER 21 1962.

AT 11 AM EST...1600Z...THE CENTER OF HURRICANE ELLA WAS LOCATED ON THE BASIS OF AIR FORCE RECONNAISSANCE AIRCRAFT NEAR LATITUDE 37.1 NORTH LONGITUDE 63.2 WEST OR ABOUT 340 STATUTE MILES NORTHNORTHEAST OF BERMUDA. THE HURRICANE IS MOVING TOWARDS THE EAST NORTHEAST ABOUT 20 MPH.

ELLA IS STILL A DANGEROUS STORM WITH WINDS UP TO 100 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD AS FAR AS 100 MILES FROM THE CENTER. GALE FORCE WINDS EXTEND OUTWARD TO 400 MILES IN ALL QUADRANTS EXCEPT 350 MILES TO THE NORTHWEST.

HURRICANE ELLA IS EXPECTED TO MOVE ON A COURSE TOWARDS THE EASTNORTHEAST DURING THE NEXT 24 HOURS WITH FORWARD SPEED GRADUALLY INCREASING TO 25 MPH DURING THE NEXT 12 HOURS. THE INTENSITY WILL REMAIN THE SAME DURING THE NEXT 12 HOURS.

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

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

SCHMIDT

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 25 ELLA 5 PM EST OCTOBER 21 1962.

AT 5 PM EST...2200Z...THE CENTER OF HURRICANE ELLA WAS LOCATED BY AIR FORCE RECONNAISSANCE AIRCRAFT NEAR LATITUDE 38.5 NORTH LONGITUDE 61.1 WEST OR ABOUT 380 STATUTE MILES SOUTH OF SABLE ISLAND. THE HURRICANE IS MOVING ON A COURSE BETWEEN NORTHEAST AND EASTNORTHEAST ABOUT 22 MPH.

STRONGEST WINDS ARE ABOUT 90 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD ABOUT 50 MILES FROM THE CENTER. GALE FORCE WINDS CONTINUE TO EXTEND OUTWARD AS FAR AS 400 MILES IN ALL QUADRANTS EXCEPT 350 MILES TO THE NORTHWEST.

THE EYE OF THE HURRICANE IS BECOMING DIFFUSE AND IS NOW 100 MILES OR MORE IN DIAMETER. THE STORM WILL BEGIN LOSING ITS TROPICAL CHARACTERISTICS AFTER ANOTHER 6 TO 12 HOURS AS COLD AIR FROM THE NORTH IS PULLED INTO THE STORM CIRCULATION. THERE WILL BE A GRADUAL DECREASE IN STRENGTH OF WINDS NEAR THE CENTER DURING THE NEXT 12 TO 24 HOURS BUT THE AREA OF GALES WILL CONTINUE ABOUT THE SAME.

HURRICANE ELLA IS EXPECTED TO CONTINUE ON A COURSE NORTHEAST AND EASTNORTHEAST DURING THE NEXT 24 HOURS WITH FORWARD SPEED GRADUALLY INCREASING TO 25 MPH DURING THE FIRST 12 HOURS AND 25 TO 30 MPH THE FOLLOWING 12 HOURS.

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

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

SCHMIDT

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 26 ELLA 11 PM EST OCTOBER 21 1962.

AT 11 PM EST...0400Z...THE CENTER OF HURRICANE ELLA WAS POSITIONED BY SHIP REPORTS NEAR LATITUDE 40.5 NORTH LONGITUDE 59.0 WEST OR ABOUT 500 STATUTE MILES SOUTHSOUTHWEST OF ARGENTIA NEWFOUNDLAND MOVING NORTHEAST 30 MPH.

STRONGEST WINDS ARE ABOUT 85 MPH AND HURRICANE FORCE WINDS EXTEND 200 MILES TO THE SOUTH AND EAST AND LESS THAN 100 MILES TO THE NORTH AND WEST OF THE CENTER. GALE WINDS EXTEND OUT 500 MILES EXCEPT 300 MILES NORTHWEST QUADRANT.

HURRICANE ELLA IS FORECAST TO MOVE TOWARD THE NORTHEAST DURING THE NEXT 24 HOURS. THE FORWARD SPEED IS EXPECTED TO CONTINUE AROUND 30 MPH. THIS WILL CAUSE THE CENTER TO PASS CLOSE TO SOUTHEASTERN NEWFOUNDLAND WITHIN 12 TO 18 HOURS.

THE STRONGEST WINDS ARE EXPECTED TO DECREASE SLOWLY AND WILL CONTINUE MOSTLY IN THE SOUTHERN AND EASTERN QUADRANTS. THE GALE WINDS ARE EXPECTED TO PERSIST WITH LITTLE CHANGE.

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

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

E. HOOVER

WASHINGTON WEATHER BUREAU HURRICANE ADVISORY NUMBER 27 ELLA 5 AM EST OCTOBER 22 1962.

AT 5 AM EST...1000Z...THE CENTER OF HURRICANE ELLA WAS POSITIONED BY SHIP REPORTS NEAR LATITUDE 45.0 NORTH LONGITUDE 55.0 WEST OR A LITTLE OVER A HUNDRED MILES SOUTHWEST OF CAPE RACE NEWFOUNDLAND MOVING BETWEEN NORTHEAST AND NORTHNORTHEAST 40 MPH.

THE STRONGEST WINDS ARE ABOUT 80 MPH AND WINDS OF NEAR HURRICANE FORCE OCCUR OUT TO 230 MILES TO THE EAST AND SOUTH OF THE CENTER. GALE WINDS EXTEND OUT TO 500 MILES TO THE EAST AND SOUTH AND 250 MILES TO THE WEST AND NORTH.

THE HURRICANE IS FORECAST TO TURN MORE TO NORTHNORTHEAST AND SLOW ITS FORWARD SPEED SLIGHTLY DURING THE NEXT 12 HOURS. THE FOLLOWING 12 HOURS THE HURRICANE IS EXPECTED TO TURN EAST NORTHEASTWARD AT ABOUT 35 MPH. THIS WILL BRING THE HURRICANE CLOSE TO THE SOUTHEASTERN COAST OF NEWFOUNDLAND THIS MORNING.

THE HURRICANE IS EXPECTED TO LOSE ITS TROPICAL CHARACTERISTICS TODAY BUT CONTINUE AS VIGOROUS STORM IN THE NORTH ATLANTIC. THE STRONGEST WINDS ARE EXPECTED TO DECREASE SLOWLY AND CONTINUE MOSTLY IN THE SOUTHERN AND EASTERN QUADRANTS. THE GALE WINDS ARE EXPECTED TO PERSIST WITH LITTLE CHANGE.

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

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

E. HOOVER

WASHINGTON WEATHER BUREAU STORM ADVISORY NUMBER 28 ELLA 11 AM EST OCTOBER 22 1962.

AT 11 AM EST...1600Z...ELLA WAS POSITIONED NEAR LATITUDE 49.0 NORTH LONGITUDE 52.0 WEST OR 115 STATUTE MILES EASTNORTHEAST OF GANDER NEWFOUNDLAND MOVING NORTHEAST 40 TO 45 MPH. ELLA HAS LOST ITS TROPICAL CHARACTERISTICS AND IS NO LONGER A HURRICANE.

THE STRONGEST WINDS ARE ABOUT 70 MPH IN SQUALLS WITHIN 100 MILES OF THE CENTER. GALE WINDS EXTEND OUT TO 600 TO 700 MILES EAST AND SOUTH AND 400 MILES WEST AND NORTH OF THE CENTER.

THE STORM IS FORECAST TO MOVE NORTHEAST 40 TO 45 MPH FOR 12 HOURS AND CURVE EASTNORTHEAST AT A SLOWER FORWARD SPEED THEREAFTER.

THE STRONGEST WINDS NEAR THE CENTER WILL SLOWLY DIMINISH DURING THE NEXT 12 HOURS. THE AREA OF GALE WINDS WILL EXPAND TO 700 TO 800 MILES EAST AND SOUTH OF CENTER IN 12 TO 24 HOURS. THE GALE WINDS WEST AND NORTH OF CENTER WILL PERSIST. ROUGH SEAS ARE EXPECTED WITHIN 600 MILES OVER SOUTHEAST QUADRANT.

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

THIS WILL BE THE LAST PUBLIC ADVISORY ON ELLA. FUTURE ADVICES ON THIS STORM WILL CONTINUE TO BE CARRIED EVERY SIX HOURS IN THE MARINE BULLETINS ISSUED FROM WASHINGTON FOR BROADCAST OVER NSS.

SCOTT

LOCAL STATEMENTS

SPECIAL MIAMI WEATHER BULLETIN FOR PRESS RADIO AND TELEVISION 0430 PM OCTOBER 19 1962.

SLOW MOVING HURRICANE ELLA HAS PRODUCED HEAVY SWELLS THROUGHOUT THE SOUTHWEST NORTH ATLANTIC. THE SWELLS AND WINDS HAVE MADE THE WATERS OFF THE EAST FLORIDA COAST AND IN THE NORTHERN BAHAMAS VERY ROUGH AND ARE PRODUCING TIDES ONE TO TWO FEET ABOVE NORMAL. THE COMBINATION OF HIGH TIDES AND HEAVY SWELLS FROM THE HURRICANE WILL PRODUCE MINOR FLOODING ALONG THE ENTIRE FLORIDA EAST COAST. THE FLOODING WILL BE ATTENDED BY SOME BEACH EROSION.

TIME OF NEXT HIGH TIDE ALONG THE FLORIDA EAST COAST IS SHORTLY AFTER MIDNIGHT.

THE VERY SLOW MOVEMENT OF ELLA INDICATES THAT THIS CONDITION WILL CONTINUE INTO SATURDAY HOWEVER SINCE THE HURRICANE IS MOVING NORTHEASTWARD THE TIDES AND SWELLS WILL BE DIMINISHING OVER THE WEEKEND.

SMALL CRAFT ALONG THE EAST FLORIDA COAST SHOULD REMAIN IN SAFE HARBOR OR NOT VENTURE FAR FROM SHORE.

SUGG

LOCAL STATEMENT BY THE WILMINGTON NORTH CAROLINA WEATHER BUREAU 830 AM EST FRIDAY OCTOBER 19 1962.

DUE TO THE ALMOST STATIONARY FORWARD MOVEMENT OF HURRICANE ELLA DURING LAST NIGHT AND THE UNCHANGED INTENSITY OF THE HURRICANE THE NORTH CAROLINA COAST FROM NAGS HEAD TO WILMINGTON REMAINS UNDER A HURRICANE WATCH AND GALE WARNINGS REMAIN DISPLAYED FROM NAGS HEAD NORTH CAROLINA TO GEORGETOWN SOUTH CAROLINA.

TIDES WILL CONTINUE TWO TO THREE FEET ABOVE NORMAL ON THE NORTH CAROLINA COAST AND FROM TWO TO FOUR FEET ABOVE NORMAL IN PAMLICO SOUND. TIDES EXPECTED ON THE SOUTHERN AND WESTERN SHORES OF THE SOUND. THE WINDS ALONG THE NORTH CAROLINA COAST DURING THE NIGHT HAVE BEEN GENERALLY NORTHEASTERLY 25 TO 35 MILES PER HOUR. OAK ISLAND COAST GUARD STATION REPORTED A BRIEF WIND OF 60 MPH ABOUT MIDNIGHT. TOPSAIL ISLAND HAD A MAXIMUM WIND OF 35 MPH DURING THE NIGHT AND CAPE LOOKOUT REPORTED GUSTS TO 52 MPH.

THIS MORNING FRIDAY CHERRY POINT REPORTS THE WATER LEVEL THREE FEET ABOVE NORMAL NEW BERN AND WASHINGTON TWO FEET ABOVE NORMAL.

DUKE

LOCAL TIDE STATEMENT BY THE NORFOLK WEATHER BUREAU 1130 AM EST OCTOBER 18 1962.

NEXT HIGH TIDE IN HAMPTON ROADS HARBOR WILL OCCUR ABOUT ONE PM TODAY AND WILL CREST ABOUT A FOOT ABOVE NORMAL OR FOUR AND A HALF FEET ABOVE THE MEAN LOW WATER MARK WITH NO FLOODING.

THE FOLLOWING HIGH TIDE IN THE HARBOR WILL OCCUR BETWEEN ONE AND TWO A.M. TOMORROW AND WILL RUN ABOUT TWO FEET ABOVE NORMAL OR FOUR AND A HALF TO FIVE FEET ABOVE MEAN LOW WATER MARK. THIS WILL CAUSE ONLY MINOR FLOODING OF A FEW LOW LYING AREAS.

A FORECAST FOR THE 3 PM FRIDAY HIGH TIDE WILL BE ISSUED BY THE NORFOLK WEATHER BUREAU EARLY TOMORROW.

HUSTEAD

LOCAL STATEMENT BY THE NORFOLK WEATHER BUREAU ISSUED 1 PM OCTOBER 18 1962.

ALTHOUGH HURRICANE ELLA WAS CENTERED ONLY 325 MILES SOUTH OF HATTERAS AT 11 AM TODAY THE BEST INDICATIONS NOW ARE THAT THIS STORM WILL MOVE SLOWLY NORTHWARD DURING THE NEXT 12 HOURS THEN GRADUALLY TURN TO THE NORTHEAST WITH SOME INCREASE IN SPEED AND PASS EAST OF HATTERAS INTO THE ATLANTIC.

THIS MOST LIKELY PATH WOULD KEEP THE CENTER OFF ANY PART OF THE COAST HOWEVER BECAUSE THE GALE FORCE WINDS EXTEND FROM 200 TO 300 MILES OUTWARD FROM THE CENTER THE WINDS ON THIS COAST AS FAR NORTHWARD AS NAGS HEAD ARE EXPECTED TO REACH GALE FORCE DURING TONIGHT AND TOMORROW.

THE NORTHEAST SWELLS OFF CAPE HENRY ARE NOW RUNNING ABOUT 4 FEET HIGH AND THIS IS CONSIDERED TO BE A MODERATE SEA. THE SEAS ALONG THE VIRGINIA COAST WILL ROUGHEN SOMEWHAT DURING TONIGHT AND FRIDAY AND THE TIDES IN HAMPTON ROADS HARBOR ARE EXPECTED TO GRADUALLY INCREASE TO ABOUT 2 FEET ABOVE NORMAL BY THE TIME OF TONIGHT'S HIGH TIDE BETWEEN 1 AND 2 AM. THIS WILL MEAN ONLY MINOR FLOODING AT THAT TIME.

SACHSE

LOCAL TIDE SURF AND WATER LEVEL STATEMENT BY THE NORFOLK WEATHER BUREAU 315 PM EST OCTOBER 18 1962.

NORTH CAROLINA SOUNDS WATER LEVELS ARE NOW AROUND TWO FEET ABOVE NORMAL IN PAMLICO SOUND AND BETWEEN ONE AND TWO FEET ABOVE NORMAL IN ALBEMARLE SOUND. THESE WATER LEVEL BUILD UPS ARE ALONG THE WINDWARD SHORES AND UP THE ESTUARIES. ALONG THE SOUND SIDE OF THE OUTER BANKS LEVELS ARE NEAR NORMAL. WATER LEVELS ALONG THE WINDWARD SHORES AND ESTUARIES OF THE SOUNDS WILL CONTINUE TO INCREASE AS HURRICANE ELLA MOVES NORTHWARD. HIGHEST WATER LEVELS THIS AFTERNOON AND TONIGHT ARE NOT EXPECTED TO EXCEED TWO TO FOUR FEET ABOVE NORMAL BUT LEVELS BY FRIDAY AFTERNOON MAY AVERAGE FOUR TO SIX FEET ABOVE NORMAL. THE HIGHEST OF THESE DEPARTURES WILL OCCUR IN CORE SOUND AND THE NEUSE RIVER.

SURF ALONG THE COAST FROM CAPE HENRY TO CAPE HATTERAS IS NOW MODERATELY ROUGH WITH BREAKERS RANGING FROM 4 TO 5 FEET AT VIRGINIA BEACH TO 7 TO 9 FEET AT OREGON INLET COAST GUARD STATION AND PROBABLY AROUND 10 FEET NEAR CAPE HATTERAS. OREGON INLET COAST GUARD STATION REPORTS THAT TIDE IS ONLY ABOUT A FOOT AND A HALF ABOVE NORMAL AND UP TO NOW THE SEA SWELLS HAVE BEEN MAINLY LOCAL TYPE BUT THE LONG GROUND SWELLS ASSOCIATED WITH STORMS AT SEA ARE JUST BEGINNING TO APPEAR. SURF BY FRIDAY IS EXPECTED TO BE VERY ROUGH WITH PLUNGING BREAKERS RANGING FROM EIGHT FEET NEAR CAPE HENRY TO AROUND FIFTEEN FEET NEAR CAPE HATTERAS.

TIDES IN THE HAMPTON ROADS HARBOR ARE STILL ONLY ONE FOOT ABOVE NORMAL AND ARE EXPECTED TO AVERAGE AROUND TWO FEET ABOVE NORMAL AT THE TIME OF NORMAL HIGH TIDE BETWEEN ONE AND TWO AM FRIDAY. THE OUTLOOK FOR TIDE DEPARTURE AT THE TIME OF HIGH TIDE AROUND TWO PM FRIDAY IS BETWEEN 2.5 AND 3.0 FEET ABOVE NORMAL AND THIS WOULD CAUSE SOME FLOODING.

HUSTEAD

LOCAL STATEMENT BY THE NORFOLK WEATHER BUREAU 6 PM OCTOBER 18 1962.

HURRICANE ELLA HAS CONTINUED TO DRIFT SLOWLY NORTHWARD AND AT 5 PM TODAY WAS CENTERED ABOUT 310 MILES SOUTH OF HATTERAS. INDICATIONS ARE THAT IT WILL CONTINUE TO DRIFT SLOWLY NORTHWARD FOR THE NEXT 12 HOURS OR SO THEN TO TURN TOWARDS THE NORTHEAST AND ACCELERATE SOMEWHAT.

THIS EXPECTED PATH WOULD KEEP THE CENTER OF THE HURRICANE OFF ANY PART OF THE COAST AS IT PASSES EAST OF HATTERAS AND THEN NORTHEASTWARD IN THE ATLANTIC. HOWEVER SINCE GALE WINDS EXTEND OUTWARD 200 TO 300 MILES FROM THE CENTER THE NORTHEAST WINDS ON THE NORTH CAROLINA OUTER BANKS WILL INCREASE TO GALE OR WHOLE GALE FORCE DURING TONIGHT AND CONTINUE ON FRIDAY. THE VIRGINIA COAST WILL ALSO EXPERIENCE QUITE WINDY CONDITION ON FRIDAY.

A HURRICANE WATCH IS NOW IN EFFECT FROM NAGS HEAD SOUTHWARD TO WILMINGTON N. C. THIS MEANS THAT IT MIGHT BECOME NECESSARY FOR HURRICANE WARNINGS TO BE HOISTED SOUTH OF NAGS HEAD TO WILMINGTON LATER TONIGHT OR ON FRIDAY AND THAT ALL INTERESTS ON THAT PORTION OF THE COAST SHOULD WATCH LATER ADVICES.

AS FAR AS THE VIRGINIA COAST IS CONCERNED INCREASING NORTHEAST WINDS ARE EXPECTED TONIGHT AND TOMORROW. THE SEA CONDITION IS NOW MODERATELY ROUGH WITH 4 TO 5 FEET BREAKERS AT VIRGINIA BEACH. THE SEA CONDITION WILL ROUGHEN TOMORROW AND THE TIDAL DEPARTURE IN HAMPTON ROADS WILL INCREASE TO ABOUT 2 FEET BY THE TIME OF THE NEXT HIGH TIDE BETWEEN 1 AND 2 AM TOMORROW MORNING. THIS WILL CAUSE LITTLE OR NO FLOODING AT THAT TIME. A FORECAST FOR THE FOLLOWING HIGH TIDE AT 2 PM ON FRIDAY WILL BE ISSUED EARLY FRIDAY MORNING.

SACHSE

LOCAL STATEMENT BY THE NORFOLK WEATHER BUREAU 11 PM OCTOBER 18 1962.

HURRICANE HAS REMAINED ALMOST STATIONARY DURING THE PAST SEVERAL HOURS WITH ITS CENTER ABOUT 290 MILES SOUTH OF HATTERAS. THE CENTER IS STILL EXPECTED TO MOVE EAST OF HATTERAS LATE ON FRIDAY.

GALE WARNINGS ARE DISPLAYED FROM WILMINGTON N. C. NORTHWARD TO NAGS HEAD AND SMALL CRAFT HAVE BEEN ADVISED TO REMAIN IN SAFE HARBOR FROM CAPE CANAVERAL FLORIDA TO CAPE MAY NEW JERSEY. A HURRICANE WATCH CONTINUES IN EFFECT FROM WILMINGTON N. C. TO NAGS HEAD.

SLOWLY INCREASING NORTHEAST WINDS ARE EXPECTED ON THE VIRGINIA COAST TONIGHT AND FRIDAY. THE SEA CONDITION AT VIRGINIA BEACH IS NOW MODERATE AND IT WILL ROUGHEN ON FRIDAY. THE HIGH TIDE IN HAMPTON ROADS HARBOR BETWEEN 1 AND 2 AM ON FRIDAY WILL RUN ABOUT 1 1/2 FEET ABOVE NORMAL AND WILL CAUSE NO FLOODING. A FORECAST FOR THE FOLLOWING HIGH TIDE THAT WILL OCCUR ABOUT 2 PM ON FRIDAY WILL BE ISSUED BY THE NORFOLK WEATHER BUREAU ABOUT 6 AM ON FRIDAY.

SACHSE

LOCAL TIDE STATEMENT BY THE NORFOLK WEATHER BUREAU 530 AM EST OCTOBER 19 1962

THE TIDES IN HAMPTON ROADS HARBOR ARE CURRENTLY RUNNING AROUND ONE AND ONE HALF FEET ABOVE NORMAL. THE NEXT HIGH TIDE IN HAMPTON ROADS HARBOR OCCURRING NEAR TWO PM TODAY IS EXPECTED TO AVERAGE ABOUT TWO AND ONE HALF FEET ABOVE NORMAL. THIS MEANS AROUND FIVE AND ONE HALF FEET ABOVE THE MEAN LOW WATER MARK AND WILL CAUSE SOME FLOODING IN LOW LYING SECTIONS. TRAFFIC WILL LIKELY NEED TO BE REROUTED AROUND A FEW LOW INTERSECTIONS BETWEEN ONE AND THREE PM THE PERIOD OF NORMAL HIGH WATER.

HUSTEAD

LOCAL TIDE STATEMENT BY THE NORFOLK WEATHER BUREAU 230 PM EST OCTOBER 19 1962.

SURF CONDITION CAPE HENRY TO OREGON INLET. ROUGH SEAS ARE POUNDING THE BEACHES WITH PLUNGING BREAKERS ON THE OUTER COAST FROM VIRGINIA BEACH SOUTHWARD. WAVE HEIGHTS AT VIRGINIA BEACH ARE RANGING FROM FOUR TO SEVEN FEET AND FROM SEVEN TO TEN FEET AT KILL DEVEL HILL N. C. AND TEN TO THIRTEEN FEET IN THE VICINITY OF THE OREGON INLET COAST GUARD STATION. TIDE HEIGHTS WERE ESTIMATED BY OBSERVERS ALONG THE OUTER COAST TO BE ONLY ONE TO TWO FEET ABOVE NORMAL AND THIS AGREES WITH TIDE GAGE READINGS IN HAMPTON ROADS HARBOR.

WATER LEVELS IN ALBEMARLE AND PAMLICO SOUNDS AND ESTUARIES WATER SURFACE OVER THE SOUNDS IS VERY ROUGH AND WATER BUILD UPS ALONG WINDWARD SHORES AND ESTUARIES VARY FROM TWO TO FOUR FEET ABOVE NORMAL AND POSSIBLE HIGHER IN A FEW FAVORABLY ORIENTED ESTUARIES. CHERRY POINT AT ONE PM WAS 2.5 FEET ABOVE NORMAL WHICH IS A SLIGHT LOSS FROM THE MORNING DEPARTURE OF THREE FEET. WATER LEVELS ON THE SOUND SIDE SOUTH OF OREGON INLET TO RODANTHE WAVE AND SALVO ARE NORMAL. THE BIG BUILD UP AREA IS STILL SOUTH END OF CORE SOUND AND THE LOW LAND AREAS SOUTH AND WEST OF A LINE FROM CEDAR ISLAND TO PAMLICO POINT. IN SOME OF THOSE AREAS WATER LEVELS MAY BE FIVE OR SIX FEET ABOVE NORMAL. IN GENERAL THE SITUATION DOES NOT SHOW ANY SIGNS OF IMPROVING NEXT 24 HOURS.

HAMPTON ROADS AREA. TIDE IN HAMPTON ROADS HARBOR CRESTED AT 4.7 FEET ABOVE MEAN LOW WATER MARK AT 2 PM AT PORTSMOUTH NAVAL SHIP YARD OR 1.5 FEET ABOVE NORMAL. THE NEXT HIGH TIDE IN HAMPTON ROADS HARBOR AROUND 230 AM SATURDAY IS FORECAST TO BE TWO OR TWO AND ONE HALF FEET ABOVE NORMAL. THIS WILL PRODUCE A TIDE OF ABOUT FIVE FEET ABOVE MEAN LOW WATER MARK OR NEARLY THE SAME AS THE TIDE HEIGHT EXPERIENCED THIS AFTERNOON.

HUSTEAD

MARINE FORECAST BY THE BOSTON WEATHER BUREAU 900 EST OCTOBER 21 1962.

FORECAST FOR THE WATERS EAST OF NEW ENGLAND AND SOUTH OF NOVA SCOTIA FOR THE 24 HOUR PERIOD BEGINNING AT 11 AM SUNDAY.

HURRICANE ELLA CENTERED NEAR 300 MILES NORTHNORTHWEST OF BERMUDA MOVING NORTHEASTWARD AT 16 KNOTS TO NEAR 40 DEGREES NORTH 62 DEGREES WEST MONDAY MORNING...SEE LATEST ADVISORY...NORTHEAST SOUTHWEST COLD FRONT EASTERN NEW ENGLAND MOVING TO LINE HALIFAX TO EAST OF NANTUCKET MONDAY MORNING.

OVER THE WATERS EAST OF NEW ENGLAND...WIND NORTHEASTERLY 10 TO 20 KNOTS EXCEPT 20 TO 30 KNOTS EAST OF CAPE COD BECOMING NORTHERLY MONDAY MORNING...CLOUDY WITH RAIN THROUGH MONDAY...VISIBILITY 4 TO 6 MILES OCCASIONALLY 1 TO 2 MILES IN RAIN AND FOG PATCHES...SEA CONDITION BUILDING TO 6 TO 12 FEET EAST OF CAPE COD.

OVER THE WATERS SOUTH OF NOVA SCOTIA...WIND EAST TO NORTHEAST INCREASING TO 30 TO 40 KNOTS EXCEPT 50 TO 60 KNOTS SOUTH OF SABLE ISLAND...CLOUDY WITH RAIN AND SQUALLS...VISIBILITY 4 TO 6 MILES OCCASIONALLY 1 TO 2 MILES IN PRECIPITATION AND FOG PATCHES...SEA CONDITION BUILDING TO 6 TO 12 FEET SOUTH OF SABLE ISLAND.

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