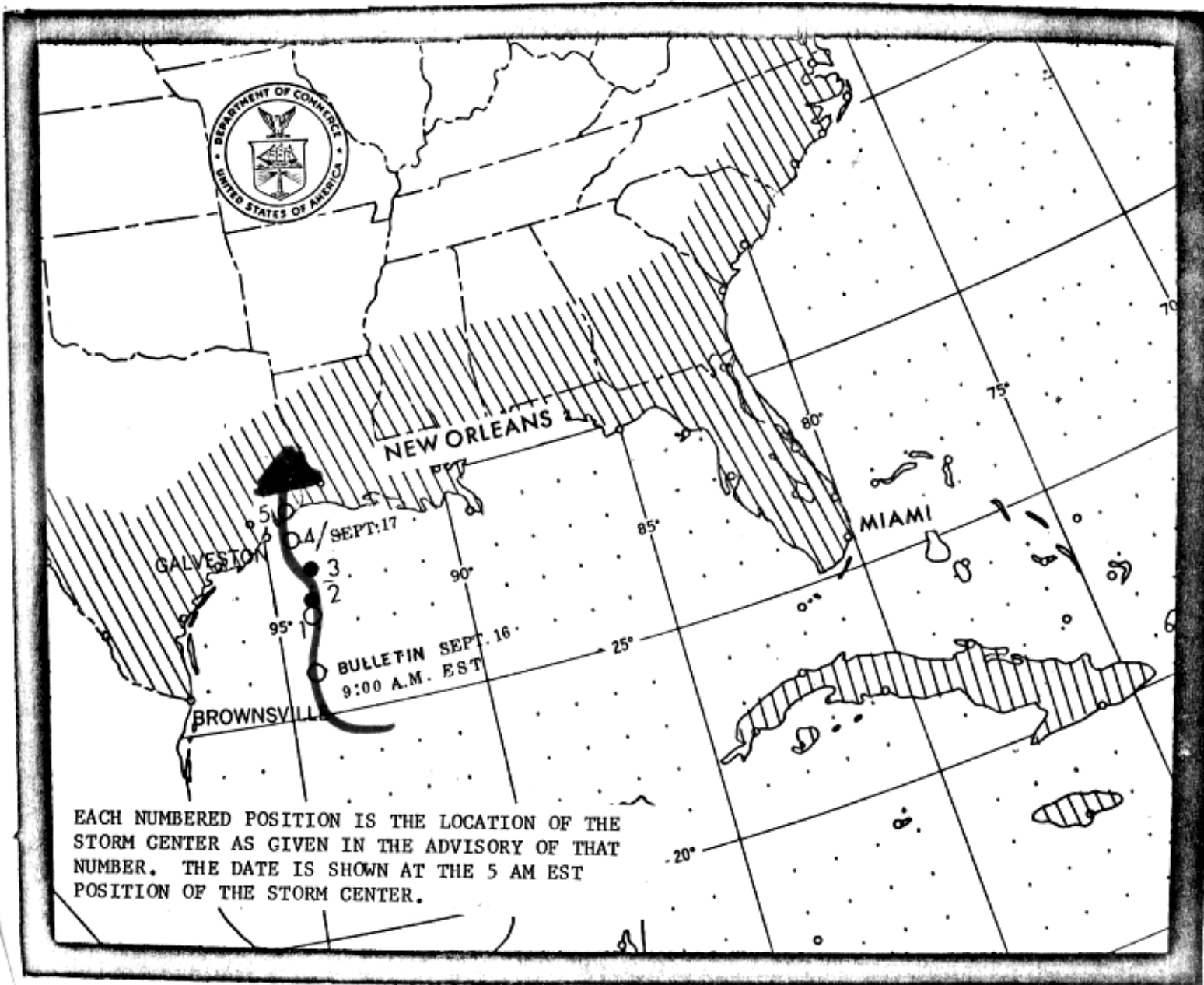


HURRICANE CINDY

SEPTEMBER 16-18, 1963

Preliminary Report with Advisories and Bulletins Issued



PRELIMINARY REPORT ON HURRICANE "CINDY",

September 16-18, 1963

Hurricane "Cindy", the first in the Gulf of Mexico in two years, formed in the northwestern Gulf about 150-200 miles off the Texas coast on September 16. A bulletin issued at 9:00 a.m. by the Weather Bureau hurricane warning center at New Orleans advised of the developing storm. At 1:00 p.m. gale warnings were hoisted from Freeport, Texas to Grand Isle, Louisiana. At 2 p.m. the SS Sabine reported hurricane force winds and gave the location of the center about 200 miles east of Corpus Christi. Hurricane warnings were ordered from Galveston to Vermilion Bay at 4 p.m. The storm moved northward at an average speed of 8 miles per hour. It remained small in area and stopped intensifying after barely reaching hurricane force.

The hurricane crossed the Texas coast in the Galveston - Port Arthur area on September 17 then became nearly stationary and produced persistent heavy rains in the Beaumont - Port Arthur - Orange area. It gradually diminished in strength, and on the 19th the remnants drifted southwestward and southward over Texas

More than 15 inches of rain fell in some places near the upper Texas coast and in extreme southwest Louisiana. Early reports estimate flood damage as high as \$11.5 million. There was little damage from wind or tide.

About 3600 persons in the Texas coastal area and 6,000 in southwestern Louisiana are reported to have evacuated in response to the Weather Bureau's hurricane warnings. No loss of life was reported.

Following are preliminary storm data from Weather Bureau Offices at Galveston and Port Arthur, Texas:

	<u>Galveston</u>	<u>Port Arthur*</u>	<u>Remarks</u>
Wind	Peak gust NE 74 mph at 0216C, 17th Fastest mile NE 54 mph at 0232C, 17th	NE 42 mph 0500C, 17th	SE 75 mph (estimated) 0500C, 17th at Sabine Coast Guard Station
Lowest barometric pressure	29.54 inches at 0529C, 17th	29.69 in. 1700- 1800C, 17th	
Rainfall	3.64 inches	15.17 inches	22.72 in at Deweyville, Texas in 24 hours
Tide	4.6 ft MSL at 0310C Pier 21 Galveston Channel; 4.0 ft MSL at 0300C Pleasure Pier on Gulf side	3.8 ft MSL at Sabine 0345- 0525C, 17th	
Losses	No known deaths or injuries or major damage.	No casualties; flood damage estimated \$11.5 million in 4 counties.	

***Jefferson County Airport**

Surface ships, the Weather Bureau radar stations at Galveston, Lake Charles, and New Orleans, and Navy reconnaissance aircraft assisted in the tracking of the hurricane. Because the storm was rather poorly developed and its eye or center ill-defined, however, radar tracking was difficult. This is in contrast to tracking of a well-developed hurricane, such as "Carla" in 1961, which presents a clear-cut pattern on the radarscope.

ADVISORIES AND BULLETINS

NEW ORLEANS WEATHER BUREAU BULLETIN 9 AM CST SEPTEMBER 16 1963

A LOW PRESSURE AREA APPEARS TO BE DEVELOPING IN THE NORTHWEST GULF OF MEXICO 150 TO 200 MILES EAST OF BROWNSVILLE TEXAS. SPECIAL REPORTS FROM SHIPS IN THAT AREA HAVE BEEN REQUESTED AND A RECONNAISSANCE FLIGHT IS PLANNED FOR EARLY THIS AFTERNOON. THE HIGHEST WINDS REPORTED SO FAR ARE ABOUT 30 MPH IN SQUALLS. SHOWERS ARE OCCURRING ALONG THE NORTHERN GULF COAST AND SEAS ARE BECOMING ROUGH. SMALL CRAFT ALONG THE UPPER TEXAS AND LOUISIANA COASTS SHOULD NOT VENTURE INTO THE OPEN GULF.

CONDITIONS APPEAR FAVORABLE FOR FURTHER INTENSIFICATION AND ALL INTERESTS ALONG THE TEXAS AND LOUISIANA COASTS SHOULD LISTEN FOR FUTURE BULLETINS OR ADVISORIES. THE NEXT BULLETIN WILL BE ISSUED AT 1 PM CST UNLESS CONDITIONS WARRANT AN EARLIER RELEASE.

CONNER

NEW ORLEANS WEATHER BUREAU TROPICAL STORM ADVISORY NUMBER 1 CINDY 1 PM CST SEPTEMBER 16 1963

HOIST GALE WARNINGS AT 1 PM CST FROM FREEPORT TEXAS TO GRAND ISLE LOUISIANA AND A HURRICANE WATCH IS ADVISED FOR THAT AREA.

SHIP REPORTS IN THE NORTHWEST GULF OF MEXICO INDICATE THAT THE TROPICAL LOW HAS REACHED TROPICAL STORM INTENSITY. AT 1 PM CST ...1900Z...TROPICAL STORM CINDY WAS CENTERED NEAR LATITUDE 27.4 LONGITUDE 94.0 OR ABOUT 140 MILES SOUTH SOUTHEAST OF GALVESTON TEXAS AND WAS MOVING SLOWLY NORTHWARD. HIGHEST WINDS ARE ESTIMATED ABOUT 50 MPH NEAR THE CENTER AND GALES EXTEND OUTWARD 50 TO 100 MILES TO THE NORTH AND EAST OF THE CENTER.

CINDY IS EXPECTED TO MOVE NORTHWARD ABOUT 10 MPH AND SHOULD CONTINUE TO INTENSIFY SLOWLY. IT MAY REACH HURRICANE FORCE BEFORE MOVING INLAND ON THE UPPER TEXAS OR WESTERN LOUISIANA COAST LATE TONIGHT. TIDES 3 TO 5 FEET ABOVE NORMAL ARE EXPECTED IN THE FREEPORT TO GRAND ISLE AREA AND PERSONS LIVING IN LOW AREAS ALONG THE COAST THAT CAN BE FLOODED BY THESE TIDES SHOULD MOVE TO HIGHER GROUND IMMEDIATELY.

WINDS AND TIDES ARE EXPECTED TO INCREASE ALONG THE UPPER TEXAS AND LOUISIANA COAST THIS AFTERNOON WITH WINDS REACHING GALE FORCE IN THE AREA OF DISPLAY BEFORE MIDNIGHT.

A RECONNAISSANCE AIRCRAFT IS ENROUTE TO INVESTIGATE THE STORM AND ADDITIONAL DATA WILL BE AVAILABLE THIS AFTERNOON.

THE NEXT ADVISORY WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 4 PM CST.

CONNER

NEW ORLEANS WEATHER BUREAU HURRICANE ADVISORY NUMBER 2 CINDY 4 PM CST SEPTEMBER 16 1963

CHANGE TO HURRICANE WARNINGS AT 4 PM CST FROM GALVESTON TEXAS TO VERMILION BAY LOUISIANA. PRECAUTIONS AGAINST HURRICANE FORCE WINDS AND 5 TO 8 FOOT TIDES SHOULD BE TAKEN IMMEDIATELY IN THAT AREA. GALE WARNINGS ARE DISPLAYED ELSEWHERE FROM FREEPORT TEXAS TO GRAND ISLE LOUISIANA.

CINDY CONTINUES TO INTENSIFY AND HAS NOW REACHED HURRICANE FORCE. AT 4 PM CST...2200Z...HURRICANE CINDY WAS CENTERED NEAR LATITUDE 27.8 LONGITUDE 94.0 OR ABOUT 100 MILES SOUTH SOUTHEAST OF GALVESTON TEXAS AND MOVING SLOWLY NORTHWARD. HIGHEST WINDS ARE ESTIMATED ABOUT 80 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD ABOUT 30 MILES AND GALES EXTEND OUTWARD 100 MILES TO NORTH AND EAST OF THE CENTER.

CINDY IS EXPECTED TO MOVE NORTHWARD ABOUT 10 MPH AND INTENSIFY SLOWLY. IT SHOULD MOVE INLAND ON THE UPPER TEXAS COAST OR EXTREME WESTERN LOUISIANA COAST LATE TONIGHT. WINDS ARE EXPECTED TO INCREASE ON UPPER TEXAS AND LOUISIANA COAST REACHING GALE FORCE IN AREA OF DISPLAY BEFORE MIDNIGHT AND REACHING HURRICANE FORCE IN AREA OF HURRICANE DISPLAY SOON AFTER MIDNIGHT TONIGHT. TIDE WILL INCREASE REACHING 5 TO 8 FEET GALVESTON TO VERMILION BAY AND 3 TO 5 FEET ELSEWHERE BETWEEN FREEPORT AND GRAND ISLE LATE TONIGHT.

HEAVY RAIN IS EXPECTED IN EXTREME EASTERN TEXAS AND WESTERN LOUISIANA TONIGHT AND TUESDAY WITH 5 TO 10 INCHES LIKELY.

SMALL CRAFT ON TEXAS COAST EASTWARD TO PENSACOLA FLORIDA SHOULD REMAIN IN PORT. SHIPPING IN PATH OF HURRICANE CINDY SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED AT 10 PM CST AND A BULLETIN AT 6 AND 8 PM CST.

CONNER

NEW ORLEANS WEATHER BUREAU BULLETIN HURRICANE CINDY FOR PRESS RADIO AND TV 6 PM CST SEPTEMBER 16 1963

HURRICANE WARNINGS ARE DISPLAYED GALVESTON TEXAS TO VERMILION BAY LOUISIANA AND GALE WARNINGS ELSEWHERE FREEPORT TEXAS TO GRAND ISLE LOUISIANA.

HURRICANE CINDY CONTINUES TO MOVE SLOWLY NORTHWARD AND AT 6 PM CST WAS CENTERED NEAR LATITUDE 28 LONGITUDE 94 OR ABOUT 90 MILES SOUTH SOUTHEAST OF GALVESTON TEXAS. CINDY IS NOT WELL ORGANIZED AND THE EYE OF THE STORM IS LARGE AND ILL DEFINED.

HIGHEST WINDS ARE ESTIMATED ABOUT 80 MPH NEAR THE CENTER AND HURRICANE FORCE WINDS EXTEND OUTWARD ABOUT 30 MILES GALES EXTEND OUTWARD 100 MILES TO NORTH AND EAST OF THE CENTER.

CINDY IS EXPECTED TO MOVE SLOWLY NORTHWARD AND THERE MAY BE SOME FURTHER INTENSIFICATION TONIGHT. IT SHOULD MOVE INLAND ON THE UPPER TEXAS COAST OR WESTERN LOUISIANA COAST LATE TONIGHT OR EARLY TUESDAY. WINDS ARE EXPECTED TO INCREASE ON UPPER TEXAS AND LOUISIANA COAST REACHING GALE FORCE IN AREA OF DISPLAY AROUND MIDNIGHT AND REACHING HURRICANE FORCE IN AREA OF HURRICANE DISPLAY LATE TONIGHT. TIDE WILL INCREASE REACHING 5 TO 8 FEET GALVESTON TO VERMILION BAY AND 3 TO 5 FEET ELSEWHERE BETWEEN FREEPORT AND GRAND ISLE LATE TONIGHT.

HEAVY RAIN IS EXPECTED IN EXTREME EASTERN TEXAS AND WESTERN LOUISIANA TONIGHT AND TUESDAY WITH 5 TO 10 INCHES LIKELY.

SMALL CRAFT ON TEXAS COAST EASTWARD TO PENSACOLA FLORIDA SHOULD REMAIN IN PORT. SHIPPING IN PATH OF HURRICANE CINDY SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED AT 10 PM CST AND A BULLETIN AT 8 PM CST.

CONNER

NEW ORLEANS WEATHER BUREAU BULLETIN HURRICANE CINDY FOR PRESS RADIO AND TV 8 PM CST SEPTEMBER 16 1963

HURRICANE WARNINGS ARE DISPLAYED GALVESTON TEXAS TO VERMILION BAY LOUISIANA AND GALE WARNINGS ELSEWHERE FREEPORT TEXAS TO GRAND ISLE LOUISIANA.

HURRICANE CINDY CONTINUES TO MOVE SLOWLY NORTHWARD AND AT 8 PM CST WAS CENTERED NEAR LATITUDE 28.2 LONGITUDE 93.8 OR ABOUT 80 MILES SOUTHEAST OF GALVESTON TEXAS. CINDY IS POORLY ORGANIZED AND THE EYE OF THE STORM IS LARGE AND ILL DEFINED.

HIGHEST WINDS ARE ESTIMATED ABOUT 80 MPH IN SQUALLS NEAR THE CENTER AND GALES EXTEND OUTWARD 100 MILES TO NORTH AND EAST OF THE CENTER.

CINDY IS EXPECTED TO MOVE NORTHWARD ABOUT 10 MPH AND ONLY SLIGHT INTENSIFICATION IS LIKELY. IT SHOULD MOVE INLAND NEAR THE TEXAS LOUISIANA BORDER LATE TONIGHT OR EARLY TUESDAY. WINDS ARE INCREASING ON UPPER TEXAS AND LOUISIANA COAST AND ARE EXPECTED TO REACH GALE FORCE IN AREA OF DISPLAY AROUND MIDNIGHT AND REACH HURRICANE FORCE IN SQUALLS IN AREA OF HURRICANE DISPLAY LATE TONIGHT. TIDE WILL INCREASE REACHING 5 TO 8 FEET GALVESTON TO VERMILION BAY AND 3 TO 5 FEET ELSEWHERE BETWEEN FREEPORT AND GRAND ISLE LATE TONIGHT. PRECAUTIONS AGAINST THESE WINDS AND TIDES SHOULD BE CONTINUED.

HEAVY RAIN IS EXPECTED IN EXTREME EASTERN TEXAS AND WESTERN LOUISIANA TONIGHT AND TUESDAY WITH 5 TO 10 INCHES LIKELY.

SMALL CRAFT ON TEXAS COAST EASTWARD TO PENSACOLA FLORIDA SHOULD REMAIN IN PORT. SHIPPING IN PATH OF HURRICANE CINDY SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 10 PM CST.

CONNER

NEW ORLEANS WEATHER BUREAU HURRICANE ADVISORY NUMBER 3 CINDY 10 PM CST SEPTEMBER 16 1963

HURRICANE WARNINGS ARE DISPLAYED GALVESTON TEXAS TO VERMILION BAY LOUISIANA AND GALE WARNINGS ELSEWHERE FREEPORT TEXAS TO GRAND ISLE LOUISIANA.

HURRICANE CINDY CONTINUES TO MOVE SLOWLY NORTHWARD AND AT 10 PM CST ...0400Z... IT WAS CENTERED NEAR LATITUDE 28.5 LONGITUDE 93.8 OR ABOUT 100 MILES SOUTH OF PORT ARTHUR TEXAS. CINDY IS POORLY ORGANIZED AND THE EYE OF THE STORM IS ILL DEFINED.

HIGHEST WINDS ARE ESTIMATED ABOUT 80 MPH IN SQUALLS NEAR THE CENTER AND GALES EXTEND OUTWARD 100 MILES TO NORTH AND EAST OF THE CENTER.

CINDY IS EXPECTED TO CONTINUE NORTHWARD ABOUT 10 MPH WITH ONLY SLIGHT INTENSIFICATION INDICATED. IT SHOULD MOVE INLAND NEAR THE TEXAS LOUISIANA BORDER LATE TONIGHT OR EARLY TUESDAY. WINDS ARE INCREASING ON UPPER TEXAS AND LOUISIANA COAST AND WILL SOON REACH GALE FORCE IN AREA OF DISPLAY AND HURRICANE FORCE IN SQUALLS IN AREA OF HURRICANE DISPLAY LATE TONIGHT. TIDES ARE INCREASING AND SHOULD REACH 5 TO 8 FEET GALVESTON TO VERMILION BAY AND 3 TO 5 FEET ELSEWHERE BETWEEN FREEPORT AND GRAND ISLE LATE TONIGHT. PRECAUTIONS AGAINST THESE WINDS AND TIDES SHOULD BE CONTINUED.

RAIN IS EXPECTED TO BECOME HEAVY IN EXTREME EAST TEXAS AND WEST AND NORTH PORTIONS OF LOUISIANA AS CINDY APPROACHES WITH 5 TO 10 INCHES LIKELY IN MUCH OF THAT AREA TONIGHT OR TUESDAY. IF FLOOD WARNINGS ARE NEEDED THEY WILL BE ISSUED FROM YOUR LOCAL WEATHER BUREAU OFFICE.

SMALL CRAFT ON TEXAS COAST EASTWARD TO PENSACOLA FLORIDA SHOULD REMAIN IN PORT. SHIPPING IN PATH OF HURRICANE CINDY SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 4 AM CST AND BULLETINS AT MIDNIGHT AND 2 AM CST.

CONNER

NEW ORLEANS WEATHER BUREAU BULLETIN HURRICANE CINDY FOR PRESS RADIO AND TV 12 MIDNIGHT CST SEPTEMBER 17 1963

HURRICANE WARNINGS ARE DISPLAYED GALVESTON TEXAS TO VERMILION BAY LOUISIANA AND GALE WARNINGS ELSEWHERE FREEPORT TEXAS TO GRAND ISLE LOUISIANA.

HURRICANE CINDY CONTINUED TO MOVE SLOWLY NORTHWARD AND AT MIDNIGHT CST IT WAS CENTERED ABOUT 90 MILES SOUTH OF PORT ARTHUR TEXAS. AS OF MIDNIGHT THE EYE OF THE HURRICANE WAS UNDER THE SURVEILLANCE OF LAKE CHARLES AND GALVESTON RADAR WHICH SHOW THAT THE EYE IS STILL ILL DEFINED.

HIGHEST WINDS ARE ESTIMATED ABOUT 80 MPH IN SQUALLS NEAR THE CENTER AND GALES EXTEND OUTWARD 100 MILES TO NORTH AND EAST OF THE CENTER.

CINDY IS EXPECTED TO CONTINUE NORTHWARD 8 TO 10 MPH WITH ONLY SLIGHT INTENSIFICATION INDICATED. IT SHOULD MOVE INLAND NEAR THE TEXAS LOUISIANA BORDER NEAR OR SHORTLY AFTER DAYBREAK TUESDAY. WINDS ARE INCREASING ON UPPER TEXAS AND LOUISIANA COAST AND WILL SOON REACH GALE FORCE IN AREA OF DISPLAY AND HURRICANE FORCE IN SQUALLS IN AREA OF HURRICANE DISPLAY BEFORE DAYBREAK. SOME OFFSHORE INSTALLATIONS HAVE REPORTED GUSTS TO 70 MPH. TIDES ARE INCREASING AND SHOULD REACH 5 TO 8 FEET GALVESTON TO VERMILION BAY AND 3 TO 5 FEET ELSEWHERE BETWEEN FREEPORT AND GRAND ISLE BY DAYBREAK. PRECAUTIONS AGAINST THESE WINDS AND TIDES SHOULD BE CONTINUED.

RAIN IS EXPECTED TO BECOME HEAVY IN EXTREME EAST TEXAS AND WEST AND NORTH PORTIONS OF LOUISIANA AS CINDY APPROACHES WITH 5 TO 10 INCHES LIKELY IN MUCH OF THAT AREA. IF FLOOD WARNINGS ARE NEEDED THEY WILL BE ISSUED FROM LOCAL WEATHER BUREAU OFFICES.

SMALL CRAFT WARNINGS ON TEXAS COAST EASTWARD TO PENSACOLA FLORIDA SHOULD REMAIN IN PORT. SHIPPING IN PATH OF HURRICANE CINDY SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 4 AM CST AND BULLETIN AT 2 AM CST.

ALLEN

NEW ORLEANS WEATHER BUREAU BULLETIN HURRICANE CINDY FOR PRESS RADIO AND TV 2 AM CST SEPTEMBER 17 1963

HURRICANE WARNINGS ARE DISPLAYED GALVESTON TEXAS TO VERMILION BAY LOUISIANA AND GALE WARNINGS ELSEWHERE FREEPORT TEXAS TO GRAND ISLE LOUISIANA.

HURRICANE CINDY CONTINUES TO MOVE SLOWLY NORTHWARD AND AT 2 AM CST IT WAS CENTERED NEAR LATITUDE 28.8 LONGITUDE 94.0 OR ABOUT 75 MILES SOUTH OF PORT ARTHUR TEXAS. THE HURRICANE IS UNDER THE SURVEILLANCE OF LAKE CHARLES AND GALVESTON RADAR WHICH SHOW THAT THE EYE IS STILL ILL DEFINED.

HIGHEST WINDS ARE ESTIMATED ABOUT 80 MPH IN SQUALLS NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 100 MILES TO NORTH AND EAST OF THE CENTER.

CINDY IS EXPECTED TO CONTINUE NORTHWARD 8 TO 10 MPH WITH ONLY SLIGHT INTENSIFICATION INDICATED. IT SHOULD MOVE INLAND NEAR THE TEXAS LOUISIANA BORDER NEAR OR SHORTLY AFTER DAYBREAK TODAY. SOME GALES ARE NOW OCCURRING ALONG THE EXTREME UPPER TEXAS COAST AND WINDS ARE EXPECTED TO INCREASE TO HURRICANE FORCE IN SQUALLS IN AREA OF HURRICANE DISPLAY BY DAYBREAK. SOME OFFSHORE INSTALLATIONS HAVE REPORTED GUSTS TO 70 MPH AND GALVESTON HAS REPORTED GUSTS TO 57 MPH. TIDES ARE INCREASING AND SHOULD REACH 5 TO 8 FEET GALVESTON TO VERMILION BAY AND 3 TO 5 FEET ELSEWHERE BETWEEN FREEPORT AND GRAND ISLE BY DAYBREAK. PRECAUTIONS AGAINST THESE WINDS AND TIDES SHOULD BE CONTINUED.

RAIN IS EXPECTED TO BECOME HEAVY IN EXTREME EAST TEXAS AND WEST AND NORTH PORTIONS OF LOUISIANA AS CINDY APPROACHES WITH 5 TO 10 INCHES LIKELY IN MUCH OF THAT AREA. IF FLOOD WARNINGS ARE NEEDED THEY WILL BE ISSUED FROM LOCAL WEATHER BUREAU OFFICES.

SMALL CRAFT ON TEXAS COAST EASTWARD TO PENSACOLA FLORIDA SHOULD REMAIN IN PORT. SHIPPING IN PATH OF HURRICANE CINDY SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 4 AM CST AND A BULLETIN AT 6 AM CST.

ALLEN

NEW ORLEANS WEATHER BUREAU HURRICANE ADVISORY NUMBER 4 CINDY 4 AM CST SEPTEMBER 17 1963

HURRICANE WARNINGS ARE DISPLAYED GALVESTON TEXAS TO VERMILION BAY LOUISIANA AND GALE WARNINGS ELSEWHERE FREEPORT TEXAS TO GRAND ISLE LOUISIANA.

RADAR REPORTS INDICATE HURRICANE CINDY IS NOW MOVING SLOWLY NORTH NORTHWESTWARD AND AT 4 AM CST...1000Z...IT WAS CENTERED NEAR LATITUDE 29.1 LONGITUDE 94.3 OR ABOUT 35 MILES SOUTHEAST OF GALVESTON TEXAS.

THE HURRICANE IS UNDER THE SURVEILLANCE OF LAKE CHARLES AND GALVESTON RADAR WHICH SHOW THAT THE EYE IS STILL ILL DEFINED.

HIGHEST WINDS ARE ESTIMATED ABOUT 80 MPH IN SQUALLS NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 100 MILES FROM THE CENTER.

CINDY IS EXPECTED TO CONTINUE NORTH NORTHWESTWARD ABOUT 8 MPH WITH ONLY SLIGHT INTENSIFICATION INDICATED. IT SHOULD MOVE INLAND IN THE GALVESTON PORT ARTHUR TEXAS AREA NEAR OR SHORTLY AFTER DAYBREAK TODAY. SOME GALES ARE NOW OCCURRING ALONG THE EXTREME UPPER TEXAS AND WEST LOUISIANA COASTS AND GALVESTON HAS REPORTED GUSTS TO 74 MPH. WINDS ARE EXPECTED TO INCREASE TO HURRICANE FORCE IN SQUALLS IN AREA OF HURRICANE DISPLAY BY DAYBREAK. TIDES ARE INCREASING AND SHOULD REACH 5 TO 8 FEET GALVESTON TO VERMILION BAY AND 3 TO 5 FEET ELSEWHERE BETWEEN FREEPORT AND GRAND ISLE BY DAYBREAK. PRECAUTIONS AGAINST THESE WINDS AND TIDES SHOULD BE CONTINUED.

RAIN IS EXPECTED TO BECOME HEAVY IN EXTREME EAST TEXAS AND WEST AND NORTH PORTIONS OF LOUISIANA AS CINDY APPROACHES WITH 5 TO 10 INCHES LIKELY IN MUCH OF THAT AREA. IF FLOOD WARNINGS ARE NEEDED THEY WILL BE ISSUED FROM LOCAL WEATHER BUREAU OFFICES.

SMALL CRAFT ON TEXAS COAST EASTWARD TO PENSACOLA FLORIDA SHOULD REMAIN IN PORT. SHIPPING IN PATH OF HURRICANE CINDY SHOULD EXERCISE CAUTION.

THE NEXT ADVISORY WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 10 AM CST AND BULLETINS AT 6 AND 8 AM CST.

ALLEN

NEW ORLEANS WEATHER BUREAU HURRICANE BULLETIN CINDY 6 AM CST SEPTEMBER 17 1963

HURRICANE WARNINGS ARE DISPLAYED GALVESTON TEXAS TO VERMILION BAY LOUISIANA AND GALE WARNINGS ELSEWHERE FREEPORT TEXAS TO GRAND ISLE LOUISIANA.

RADAR REPORTS INDICATE HURRICANE CINDY IS STILL ILL DEFINED AND THAT IT IS MOVING SLOWLY NORTH NORTHWESTWARD. AT 6 AM CST IT WAS CENTERED NEAR LATITUDE 29.2 LONGITUDE 94.4 OR ABOUT 30 MILES EAST OF GALVESTON TEXAS.

HIGHEST WINDS ARE ESTIMATED ABOUT 80 MPH IN SQUALLS NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 100 MILES FROM THE CENTER.

CINDY IS EXPECTED TO CONTINUE NORTH NORTHWESTWARD ABOUT 8 MPH AND MOVE INLAND IN THE GALVESTON PORT ARTHUR TEXAS AREA IN A FEW HOURS. SOME GALES ARE NOW OCCURRING ALONG THE EXTREME UPPER TEXAS AND WEST LOUISIANA COASTS AND GALVESTON HAS REPORTED GUSTS TO 74 MPH. WINDS OF HURRICANE FORCE IN A FEW SQUALLS ARE EXPECTED IN AREA OF HURRICANE DISPLAY THIS MORNING. TIDES ARE INCREASING AND SHOULD REACH 5 TO LOCALLY 8 FEET GALVESTON TO VERMILION BAY AND 3 TO 5 FEET ELSEWHERE BETWEEN FREEPORT AND GRAND ISLE THIS MORNING. PRECAUTIONS AGAINST THESE WINDS AND TIDES SHOULD BE CONTINUED.

HEAVY RAIN IS EXPECTED TO SPREAD NORTHWARD THROUGH MOST OF EXTREME EAST TEXAS AND WEST AND NORTH PORTIONS OF LOUISIANA AS CINDY MOVES INLAND WITH 5 TO 10 INCHES LIKELY IN MUCH OF THAT AREA. IF FLOOD WARNINGS ARE NEEDED THEY WILL BE ISSUED FROM LOCAL WEATHER BUREAU OFFICES.

SMALL CRAFT ON TEXAS COAST EASTWARD TO PENSACOLA FLORIDA SHOULD REMAIN IN PORT.

THE NEXT ADVISORY WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 10 AM CST AND A BULLETIN AT 8 AM CST.

ALLEN

NEW ORLEANS WEATHER BUREAU HURRICANE BULLETIN CINDY 8 AM CST SEPTEMBER 17 1963

HURRICANE WARNINGS ARE DISPLAYED FROM GALVESTON TEXAS TO VERMILION BAY LOUISIANA AND GALE WARNINGS ELSEWHERE FROM FREEPORT TEXAS TO GRAND ISLE LOUISIANA.

AT 8 AM CST HURRICANE CINDY IS MOVING INLAND MIDWAY BETWEEN GALVESTON AND PORT ARTHUR.

HIGHEST WINDS ARE ESTIMATED ABOUT 80 MPH IN SQUALLS NEAR THE CENTER AND GALES EXTEND OUTWARD ABOUT 100 MILES FROM THE CENTER.

GALES ARE OCCURRING ALONG THE EXTREME UPPER TEXAS AND WEST LOUISIANA COASTS AND GALVESTON HAS REPORTED GUSTS TO 74 MPH. WINDS OF HURRICANE FORCE IN A FEW SQUALLS ARE LIKELY IN AREA OF HURRICANE DISPLAY THIS MORNING. TIDES HAVE ABOUT REACHED THEIR PEAK AND SHOULD BEGIN TO FALL THIS AFTERNOON.

AFTER MOVING INLAND CINDY WILL WEAKEN RAPIDLY AND WARNINGS WILL BE LOWERED LATER TODAY.

HEAVY RAIN IS EXPECTED TO SPREAD NORTHWARD THROUGH MOST OF EXTREME EAST TEXAS AND WEST AND NORTH PORTIONS OF LOUISIANA AS CINDY MOVES NORTHWARD WITH 5 TO 10 INCHES LIKELY IN MUCH OF THAT AREA. IF FLOOD WARNINGS ARE NEEDED THEY WILL BE ISSUED FROM LOCAL WEATHER BUREAU OFFICES.

SMALL CRAFT ON THE TEXAS COAST EASTWARD TO PENSACOLA FLORIDA SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE.

THE NEXT ADVISORY WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 10 AM CST.

CONNOR

NEW ORLEANS WEATHER BUREAU HURRICANE ADVISORY NUMBER 5 CINDY 10 AM CST SEPTEMBER 17 1963

LOWER ALL WARNINGS.

HURRICANE CINDY MOVED INLAND BETWEEN GALVESTON AND PORT ARTHUR TEXAS THIS MORNING AND AT 10 AM CST...1600Z...THE CENTER WAS LOCATED NEAR LATITUDE 29.8 LONGITUDE 94.4 OR ABOUT 25 MILES WEST OF PORT ARTHUR.

HIGHEST WINDS ARE ABOUT 50 MPH NEAR THE CENTER AND GALES ARE OCCURRING ALONG THE EXTREME UPPER TEXAS AND EXTREME WESTERN LOUISIANA COASTS. WINDS SEAS AND TIDES WILL SUBSIDE OVER THE NORTHWEST GULF OF MEXICO DURING THE REMAINDER OF THE DAY AND TONIGHT.

CINDY WILL CONTINUE TO WEAKEN AS IT MOVES SLOWLY NORTHWARD THROUGH EXTREME EAST TEXAS TODAY AND TONIGHT.

HEAVY RAIN IS EXPECTED TO SPREAD NORTHWARD THROUGH MOST OF EXTREME EAST TEXAS AND WEST AND NORTH PORTIONS OF LOUISIANA TODAY AND TONIGHT WITH 5 TO 10 INCHES LIKELY IN MUCH OF THAT AREA. IF FLOOD WARNINGS ARE NEEDED THEY WILL BE ISSUED FROM LOCAL WEATHER BUREAU OFFICES.

SMALL CRAFT ON THE UPPER TEXAS COAST EASTWARD TO PENSACOLA FLORIDA SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE.

THIS IS THE LAST ADVISORY ON CINDY BUT BULLETINS WILL BE ISSUED EVERY 6 HOURS AS LONG AS THE THREAT OF FLOODING EXISTS. THE NEXT BULLETIN WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 4 PM CST.

CONNOR

NEW ORLEANS WEATHER BUREAU BULLETIN CINDY 4 PM CST SEPTEMBER 17 1963

CINDY HAS CONTINUED TO WEAKEN SLOWLY SINCE MOVING INLAND ON THE UPPER TEXAS COAST THIS MORNING; AND IT HAS BEEN MOVING VERY SLOWLY NORTHWARD. AT 4 PM CST THE CENTER WAS LOCATED ABOUT 20 MILES NORTHWEST OF BEAUMONT TEXAS. HIGHEST WINDS ARE ESTIMATED ABOUT 35 TO 45 MPH NEAR THE CENTER.

CINDY IS EXPECTED TO CONTINUE NORTHWARD VERY SLOWLY AND WILL CONTINUE TO GRADUALLY WEAKEN. THE SLOW MOVEMENT OF THIS DECAYING STORM INCREASES THE THREAT OF FLOODING FROM HEAVY RAINS.

HEAVY RAIN IS EXPECTED OVER EXTREME EASTERN TEXAS AND NORTH AND WEST PORTIONS OF LOUISIANA THROUGH WEDNESDAY WITH 5 TO 10 INCHES EXPECTED IN MUCH OF THAT AREA AND LOCAL AMOUNTS UP TO 15 INCHES ARE LIKELY. IF FLOOD WARNINGS ARE NEEDED THEY WILL BE ISSUED FROM LOCAL WEATHER BUREAU OFFICES.

SMALL CRAFT ON THE UPPER TEXAS COAST EASTWARD TO PENSACOLA FLORIDA SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE.

THE NEXT BULLETIN WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 10 PM CST.

CONNER

NEW ORLEANS WEATHER BUREAU BULLETIN CINDY 10 PM CST SEPTEMBER 17 1963

CINDY HAS SHOWN NO APPRECIABLE MOVEMENT DURING THE PAST SEVERAL HOURS AND IS NOW LOCATED NEAR BEAUMONT TEXAS WITH VERY HEAVY RAINS AND GUSTY WINDS TO 20 TO 40 MPH OVER THAT PORTION OF EXTREME SOUTHEAST TEXAS. BEAUMONT REPORTED A STORM TOTAL OF 11.60 INCHES OF RAIN AS OF 9 PM AND SOME LOCAL FLOODING IS OCCURRING IN THE BEAUMONT PORT ARTHUR ORANGE SECTIONS.

CINDY IS DECAYING SLOWLY DUE TO A LARGE PORTION OF THE CIRCULATION STILL OVER THE GULF AND ANY MOVEMENT DURING THE NEXT 12 TO 24 HOURS IS EXPECTED TO BE A SLOW NORTHWARD DRIFT OF 5 MPH OR LESS AS THE CENTER GRADUALLY FILLS. EXTREMELY HEAVY RAINS WITH STORM TOTAL ACCUMULATIONS OF 20 INCHES IS NOT UNLIKELY IN THE AREA OF DECAYING CINDY OVER EXTREME SOUTHEAST TEXAS AND EXTREME SOUTHWEST LOUISIANA WITH AMOUNTS IN EXCESS OF 5 INCHES OVER MUCH OF EXTREME EAST TEXAS AND WESTERN LOUISIANA TONIGHT AND WEDNESDAY. LAFAYETTE LOUISIANA REPORTED A 24 HOUR TOTAL OF 5.62 INCHES OF RAIN AS OF 6 PM AND LAKE CHARLES 3.92.

FLOOD WARNINGS ARE BEING ISSUED BY LOCAL WEATHER BUREAU OFFICES AS NECESSARY IN THE AREA OF HEAVY PRECIPITATION. WINDS ARE EXPECTED TO REMAIN GUSTY TO 20 TO 40 MPH ALONG THE COAST FROM GALVESTON TEXAS TO VERMILION BAY LOUISIANA THROUGH WEDNESDAY AND SMALL CRAFT SHOULD EXERCISE CAUTION IN THAT AREA.

THE NEXT BULLETIN WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU ABOUT 4 AM WEDNESDAY.

HILL

NEW ORLEANS WEATHER BUREAU BULLETIN 4 AM CST SEPTEMBER 18 1963

CINDY HAS MOVED ONLY A LITTLE NORTH NORTHWESTWARD DURING THE PAST 6 HOURS AND WAS CENTERED A FEW MILES NORTH OF THE HOUSTON AREA AT 4 AM CST WITH PART OF ITS CIRCULATION STILL OVER THE GULF OFF THE EXTREME UPPER TEXAS COAST. THIS NORTH NORTHWESTWARD DRIFT IS EXPECTED TO CONTINUE TODAY AND TONIGHT AT NO MORE THAN 5 MPH WHILE THE CENTER GRADUALLY FILLS.

VERY HEAVY RAINS AND GUSTY WINDS ARE EXPECTED TO CONTINUE IN THE VICINITY AND A LITTLE TO THE NORTH AND EAST OF DECAYING CINDY THROUGH THURSDAY WITH TOTAL RAINFALL ACCUMULATIONS OF 5 TO 10 INCHES INDICATED OVER MUCH OF EXTREME EAST TEXAS AND WEST LOUISIANA AND UP TO 15 OR MORE INCHES IS NOT UNLIKELY IN SOME AREAS.

FLOOD WARNINGS ARE BEING ISSUED BY LOCAL WEATHER BUREAU OFFICES WHERE NEEDED BECAUSE OF EXCESSIVE RAINFALL. WINDS ARE EXPECTED TO REMAIN GUSTY UP TO 35 MPH ALONG THE COAST FROM GALVESTON TEXAS TO VERMILION BAY LOUISIANA TODAY AND SMALL CRAFT IN THAT AREA SHOULD EXERCISE CAUTION.

BEAUMONT TEXAS HAS ALREADY RECEIVED MORE THAN 15 INCHES OF RAINFALL FROM CINDY RESULTING IN CONSIDERABLE FLOODING OF LOW LYING PLACES.

THE NEXT BULLETIN WILL BE ISSUED BY THE NEW ORELANS WEATHER BUREAU ABOUT 10 AM TODAY.

ALLEN

NEW ORLEANS WEATHER BUREAU BULLETIN CINDY 10 AM CST SEPTEMBER 18 1963

CINDY CONTINUES TO WEAKEN AS IT MOVES SLOWLY NORTHWESTWARD IN EAST TEXAS AND AT 10 AM CST THE CENTER WAS LOCATED ABOUT 40 MILES NORTHNORTHWEST OF HOUSTON. VERY HEAVY RAINS HAVE OCCURRED NEAR THE UPPER TEXAS COAST AND IN EXTREME SOUTHWEST LOUISIANA CAUSING SOME FLOODING IN THAT AREA. EARLY THIS MORNING SOME OF THE HEAVIEST AMOUNTS WERE DEWEYVILLE 22.78 ORANGE 19.30 AND OVER 15 INCHES AT BEAUMONT.

RAINFALL IS EXPECTED TO GRADUALLY TAPER OFF AS THE DECAYING STORM DRIFTS NORTHWESTWARD TODAY AND TONIGHT. AMOUNTS OF 5 TO LOCALLY 8 INCHES ARE EXPECTED OVER THE SOUTH PORTION OF EAST TEXAS DURING THE NEXT 24 HOURS. FLOOD WARNINGS ARE BEING ISSUED BY LOCAL WEATHER BUREAU OFFICES WHERE NEEDED.

SMALL CRAFT ALONG THE UPPER TEXAS AND WEST LOUISIANA COASTS SHOULD EXERCISE CAUTION TODAY AS WINDS WILL BE GUSTY NEAR SHOWERS.

THE NEXT BULLETIN WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 4 PM CST TODAY.

CONNER

NEW ORLEANS WEATHER BUREAU BULLETIN CINDY 4 PM CST SEPTEMBER 18 1963

CINDY CONTINUES TO WEAKEN AND IT IS NOW MOVING VERY SLOWLY WESTWARD. AT 4 PM CST THE CENTER WAS LOCATED ABOUT 40 MILES NORTHWEST OF HOUSTON. PRESENT INDICATIONS ARE THAT THE CENTER SHOULD MOVE VERY SLOWLY SOUTHWESTWARD TONIGHT AND CONTINUE TO WEAKEN.

RAINFALL ASSOCIATED WITH THIS DECAYING STORM IS TAPERING OFF BUT 2 TO 3 INCHES ARE EXPECTED VICINITY OF THE LOW IN SOUTHEAST TEXAS DURING THE NEXT 24 HOURS. THE THREAT OF SIGNIFICANT FLOODING IS DIMINISHING. FLOOD WARNINGS ARE BEING ISSUED BY LOCAL WEATHER BUREAU OFFICE WHERE NEEDED.

THE NEXT BULLETIN WILL BE ISSUED BY THE NEW ORLEANS WEATHER BUREAU AT 10 PM CST.

CONNER

NEW ORLEANS WEATHER BUREAU BULLETIN CINDY 10 PM CST SEPTEMBER 18 1963

CINDY HAS CONTINUED TO WEAKEN AND HAS LOST MOST OF ITS CIRCULATION AND BECOME A TROF WITH GENERALLY LIGHT SHOWER ACTIVITY ASSOCIATED WITH IT. SHOWERS ARE EXPECTED TO CONTINUE OVER SOUTHERN LOUISIANA AND MUCH OF SOUTHERN TEXAS THE NEXT DAY OR TWO BUT ADDITIONAL SIGNIFICANT FLOODING IS NOT LIKELY.

CINDY HAS DRIFTED SOUTHWESTWARD THE PAST SEVERAL HOURS AND AT 10 PM CST WAS LOCATED ABOUT 40 MILES NORTH OF PALACIOS TEXAS. IT IS EXPECTED TO DRIFT SOUTHWEST AND WESTWARD 8 TO 10 MPH AND MOSTLY DISSIPATE OVER SOUTHWEST TEXAS OR NORTHERN MEXICO DURING THE NEXT 24 TO 36 HOURS.

FLOOD WARNINGS WILL CONTINUE TO BE ISSUED AS NEEDED BY LOCAL WEATHER BUREAU OFFICES IN THE AREAS WHERE EXCESSIVE RAIN HAS ACCUMULATED.

THIS IS THE LAST BULLETIN FROM THE NEW ORLEANS WEATHER BUREAU ON CINDY.

HILL

LOCAL STATEMENTS

CORPUS CHRISTI WEATHER BUREAU STATEMENT 4 PM SEPTEMBER 16 1963

WITH HURRICANE CINDY CONTINUING NORTHWARD THERE IS NO DANGER TO THE CORPUS CHRISTI AREA, HOWEVER WATER WILL BE WELL UP ON THE GULF SIDE BEACHES OF ST JOSEPH MUSTANG AND UPPER PADRE ISLANDS THROUGH TONIGHT AND ALL PERSONS SHOULD STAY OFF THE BEACHES UNTIL THE WATER SUBSIDES TOMORROW, TIDES OF 3 TO 4 FEET EXPECTED ON UPPER ST JOSEPH ISLAND AND 3 FEET ALONG MUSTANG AND UPPER PADRE ISLAND TONIGHT.

MOZENEY

GALVESTON WEATHER BUREAU LOCAL STATEMENT 2:45 PM CST SEPTEMBER 16 1963

SEE LATEST ADVISORY ON TROPICAL STORM CINDY.

GALE WARNINGS AND A HURRICANE WATCH ARE IN EFFECT FOR THE FREEPORT-GALVESTON-GALVESTON BAY-BOLIVAR PENINSULA AREA.

SINCE PRESENT INDICATIONS ARE THAT CINDY MAY REACH HURRICANE FORCE BEFORE MOVING INLAND LATE TONIGHT ALL STORM PREPARATIONS AND EVACUATIONS SHOULD BE COMPLETED BEFORE DARK TONIGHT.

TIDES OF 3 TO 5 FEET ABOVE NORMAL ARE ANTICIPATED ALONG THE UPPER TEXAS COAST AS THE STORM CENTER MOVES INLAND WITH POSSIBLY AN ADDITIONAL 2 FEET NEAR THE HEADS OF BAYS. TIDES OF 3 TO 5 FEET ABOVE NORMAL WILL FLOOD ALL BEACHES AND ADJACENT LOW-LYING AREAS. THIS INCLUDES MUCH OF THE AREA NEAR OFFATTS BAYOU IN GALVESTON. WITH THESE ANTICIPATED TIDE HEIGHTS THE GALVESTON CAUSEWAY APPROACHES SHOULD NOT BE FLOODED. HOWEVER LOCALIZED FLOODING THROUGHOUT THE AREA IS POSSIBLE DUE TO THE COMBINATION OF HIGH TIDES AND HEAVY RAINFALL. THIS IS ESPECIALLY TRUE ALONG BAYOUS SUCH AS HIGHLAND AND DICKINSON BAYOUS AND THE CLEAR CREEK AREA.

TIDES OF 5 FEET WOULD ISOLATE BOLIVAR PENINSULA SO RESIDENTS AND CAMPERS ON BOLIVAR PENINSULA SHOULD EITHER SEEK SAFE SHELTER OR EVACUATE BEFORE DARK TONIGHT.

SEAS ARE BECOMING INCREASINGLY ROUGH WITH TIDES RISING VERY SLOWLY. THE PRESENT GALVESTON TIDE HEIGHT IS 1.9 FEET ABOVE MEAN SEA LEVEL WHICH IS 1.2 FEET ABOVE NORMAL.

LISTEN FOR ADDITIONAL ADVISORIES AND LOCAL STATEMENTS.

TAYLOR

GALVESTON WEATHER BUREAU LOCAL STATEMENT 12:30 AM CST TUESDAY SEPTEMBER 17 1963

CONTINUE LISTENING TO THE LATEST ADVISORIES AND BULLETINS ON HURRICANE CINDY.

WITH THE CONTINUED NORTHWARD MOVEMENT OF CINDY THE HURRICANE CENTER IS EXPECTED TO MOVE INLAND EAST OF THE GALVESTON BAY AREA NEAR THE TEXAS AND LOUISIANA BORDER EARLY TODAY. WINDS IN THE GALVESTON BAY AREA ARE EXPECTED TO GRADUALLY INCREASE IN SQUALLS AND TIDES ARE EXPECTED TO REACH A PEAK OF NEAR 5 FEET ABOVE MEAN SEA LEVEL NEAR THE TIME OF NORMAL HIGH TIDE BETWEEN 4:00 AM CST AND 5:00 AM CST TODAY.

AFTER CINDY MOVES INLAND TODAY SQUALLS AND TIDES IN THE GALVESTON AND GALVESTON BAY AREA WILL GRADUALLY SUBSIDE. PERSONS SHOULD REMAIN IN SAFE SHELTER UNTIL SQUALLS SUBSIDE.

A SUMMARY OF EXTREMES RECORDED SO FAR AT THE GALVESTON WEATHER BUREAU OFFICE ARE AS FOLLOWS:

PEAK GUST NORTHEAST 57 MILES PER HOUR AT 10 PM
LOWEST PRESSURE 29.73 INCHES AT PRESENT
PEAK TIDE 2.5 FEET ABOVE MEAN SEA LEVEL AT PRESENT
RAINFALL 1.55 INCHES SINCE MIDNIGHT SUNDAY

VOLBRECHT

LAKE CHARLES WEATHER BUREAU LOCAL STATEMENT 6 PM SEPTEMBER 16 1963

HURRICANE WARNINGS ARE IN EFFECT FOR THE CAMERON AND VERMILION AREA.

WIND RAIN AND SQUALLS WILL BE INCREASING TONIGHT AND EARLY TUESDAY WITH WINDS 30 TO 60 MPH EXPECTED TONIGHT POSSIBILITY REACHING 60 TO 85 MPH EARLY TUESDAY. PRECAUTIONS SHOULD BE TAKEN IMMEDIATELY TO EVACUATE AGAINST HURRICANE FORCE WINDS AND HIGH WATER IN LOW AREAS NEAR THE COAST FROM SABINE PASS TO VERMILION BAY. THIS INCLUDES CAMERON AND VERMILION PARISHES. HEAVY RAIN TONIGHT AND TUESDAY IS EXPECTED TO FLOOD LOW AREAS IN CALCASIEU BEAUREGARD ALLEN VERNON EVANGELINE JEFFERSON DAVIS ACADIA LAFAYETTE VERMILION AND CAMERON PARISHES WITH 5 TO 10 INCHES EXPECTED.

HIGH WATER IS EXPECTED TO CAUSE MINOR FLOODING NEAR CALCASIEU LAKE MOSS PRIEN AND LAKE CHARLES WITH LAKE CHARLES REACHING NEAR 8 FEET. SMALL BOAT OWNERS SHOULD TAKE THE NECESSARY PRECAUTIONS IMMEDIATELY.

ANDERSON

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 4:30 PM CST SEPTEMBER 16 1963

AT 4:00 PM CST HURRICANE CINDY WAS CENTERED NEAR LATITUDE 27.8 NORTH AND LONGITUDE 94.0 WEST OR ABOUT 140 MILES DUE SOUTH OF PORT ARTHUR.

CINDY IS MOVING NORTHWARD AT ABOUT 8 TO 10 MPH AND HIGHEST WINDS ARE ESTIMATED AT 80 MPH OVER A SMALL AREA NEAR THE CENTER.

TIDES ON THE COAST AT SABINE ARE EXPECTED TO HOLD STEADY AT 1.5 TO 2.0 FEET ABOVE MEAN SEA LEVEL UNTIL SEVERAL HOURS AFTER DARK. HOWEVER BY OR SHORTLY AFTER MIDNIGHT TIDES WILL BEGIN RISING RATHER RAPIDLY AND ARE EXPECTED TO REACH 4 FEET ABOVE SEA LEVEL BY 2:00 AM AND TO POSSIBLY 8 FEET ABOVE SEA LEVEL BY ABOUT DAYBREAK TOMORROW MORNING.

ALL PRECAUTIONS SHOULD BE STARTED IMMEDIATELY AND SHOULD BE COMPLETED BY OR BEFORE 9:00 PM.

RAINS WILL BECOME VERY HEAVY LATER THIS EVENING AND TORRENTIAL RAINS ARE ANTICIPATED DURING THE EARLY MORNING HOURS WITH AS MUCH AS 6 AND POSSIBLY UP TO 10 INCHES ACCUMULATING BY MID-MORNING TOMORROW.

WINDS WILL BEGIN INCREASING LATE THIS AFTERNOON REACHING GALE FORCE OF 45 MPH BY 10 PM TO MIDNIGHT AND REACHING HURRICANE FORCE DURING THE EARLY MORNING HOURS. CENTER OF THE HURRICANE IS EXPECTED TO REACH THE COAST NOT FAR FROM SABINE PASS NEAR DAYBREAK.

PRESENT THINKING IS THAT FLOODING WILL BE CONFINED TO THE IMMEDIATE COASTAL AREAS AND SHOULD NOT SERIOUSLY AFFECT INLAND POINTS TO THE NORTH OF THE INTRACOASTAL BRIDGE ON THE SABINE PASS HIGHWAY.

NEXT LOCAL STATEMENT AT APPROXIMATELY 7:00 PM.

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 7:00 PM CST SEPTEMBER 16 1963

AT 7:00 PM HURRICANE CINDY WAS CENTERED ABOUT 130 MILES SOUTH OF PORT ARTHUR AND MOVING NORTHWARD AT 8 TO 10 MPH.

HIGHEST WINDS ARE ESTIMATED AT ABOUT 80 MPH OVER A SMALL AREA NEAR THE CENTER BUT GALES EXTEND OUTWARD NEARLY 100 MILES FROM THE CENTER.

WINDS ARE EXPECTED TO BEGIN INCREASING SOON IN THE SABINE-NECHES AREA REACHING 45 MPH BY MIDNIGHT AND REACHING HURRICANE FORCE BY DAYBREAK.

COASTAL TIDES ARE NOW APPROACHING THE NORMAL LOW TIDE FOR THIS EVENING AND AT 7:00 PM THE READING OF SABINE WAS 0.9 FOOT ABOVE MEAN SEA LEVEL WHICH -FOR THIS HOUR- IS 1.7 FEET ABOVE NORMAL. TIDES WILL BEGIN INCREASING QUITE RAPIDLY LATER THIS EVENING REACHING SOME 4 FEET ABOVE SEA LEVEL BY ABOUT 2:00 AM AND 6 TO POSSIBLY 8 FEET ABOVE SEA LEVEL BY ABOUT DAYBREAK TOMORROW MORNING.

PRESENT THINKING IS THAT FLOODING WILL BE CONFINED TO THE IMMEDIATE COASTAL AREA AND SHOULD NOT SERIOUSLY AFFECT INLAND POINTS TO THE NORTH OF THE INTRACOASTAL CANAL BRIDGE ON THE SABINE PASS HIGHWAY.

RAINS WILL BECOME VERY HEAVY LATER TONIGHT AND TORRENTIAL RAINS ARE ANTICIPATED DURING THE EARLY MORNING HOURS WITH AS MUCH AS 6 AND POSSIBLY UP TO 10 INCHES ACCUMULATING BY MID-MORNING TOMORROW.

AT 7:00 PM OUR BAROMETER READS 29.93 INCHES AND IS HOLDING AT THIS TIME. WIND WAS ENE 16 MPH AND TENDING TO INCREASE SLOWLY.

NEXT LOCAL STATEMENT AT 9:00 PM.

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 9:00 PM CST SEPTEMBER 16 1963

AT 9:00 PM HURRICANE CINDY WAS CENTERED ABOUT 100 MILES SOUTH OF PORT ARTHUR OR ONLY SOME 90 MILES SOUTH OF SABINE AND MOVING NORTHWARD AT ABOUT 10 MPH.

HIGHEST WINDS ARE STILL ESTIMATED AT ABOUT 80 MPH OVER A SMALL AREA NEAR THE CENTER BUT GALES EXTEND OUTWARD NEARLY 100 MILES FROM THE CENTER.

WINDS ARE SLOWLY INCREASING AND WILL REACH 45 MPH IN SQUALLS BY MIDNIGHT AND WILL REACH HURRICANE FORCE BY DAYBREAK.

COASTAL TIDES HAVE JUST REACHED THE NORMAL LOW MARK FOR THIS EVENING. AT 9:00 PM THE TIDE READING AT SABINE WAS 0.9 FOOT ABOVE MEAN SEA LEVEL WHICH -FOR THIS HOUR- IS 1.9 FEET ABOVE NORMAL. TIDES WILL BEGIN RISING QUITE RAPIDLY ON THE COAST WITHIN THE NEXT FEW HOURS- REACHING SOME 4 FEET ABOVE SEA LEVEL AT SABINE BY ABOUT 2:00 AM AND 6 TO POSSIBLY 8 FEET ABOVE SEA LEVEL BY ABOUT DAYBREAK TOMORROW MORNING. WE BELIEVE THAT FLOODING WILL BE CONFINED TO THE IMMEDIATE COASTAL AREAS AND SHOULD NOT SERIOUSLY AFFECT INLAND POINTS TO THE NORTH OF THE INTRACOASTAL CANAL BRIDGE ON THE SABINE PASS HIGHWAY.

RAINS WILL BECOME VERY HEAVY LATER TONIGHT AND TORRENTIAL RAINS ARE ANTICIPATED DURING THE EARLY MORNING HOURS WITH AS MUCH AS 6 AND POSSIBLY UP TO 10 INCHES ACCUMULATING BY MID-MORNING TOMORROW.

AT 9:00 PM OUR BAROMETER READS 29.93 INCHES AND STILL HOLDING. WIND IS ENE 18 MPH AND INCREASING SLOWLY.

NEXT LOCAL STATEMENT AT 11:00 PM.

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 11:00 PM CST SEPTEMBER 16 1963

HURRICANE CINDY CONTINUES TO MOVE SLOWLY NORTHWARD AND AT 11 PM WAS CENTERED SOME 90 MILES SOUTH OF PORT ARTHUR AND ONLY SOME 80 MILES SOUTH OF SABINE.

HIGHEST WINDS ARE STILL ESTIMATED AT ABOUT 80 MPH OVER A SMALL AREA NEAR THE CENTER BUT GALE FORCE WINDS EXTEND OUTWARD NEARLY 100 MILES FROM THE CENTER. GALVESTON REPORTED 51 MPH IN A SQUALL DURING THE PAST HOUR. LOCAL AREA WINDS ARE EXPECTED TO REACH 45 MPH IN SQUALLS BY SHORTLY AFTER MIDNIGHT AND REACH HURRICANE FORCE BY OR SHORTLY AFTER DAYBREAK.

COASTAL TIDES ARE RISING AND AT 11 PM THE SABINE READING WAS 1.6 FEET ABOVE SEA LEVEL WHICH IS 2.1 FEET ABOVE NORMAL FOR THIS HOUR. SABINE TIDES ARE EXPECTED TO REACH SOME 4 FEET ABOVE SEA LEVEL BY ABOUT 2 AM AND 6 TO POSSIBLY 8 FEET BY SHORTLY AFTER DAYBREAK TOMORROW MORNING. WE BELIEVE THAT FLOODING WILL BE CONFINED TO THE IMMEDIATE COASTAL AREAS AND SHOULD NOT SERIOUSLY AFFECT INLAND POINTS TO THE NORTH OF THE INTRACOASTAL CANAL BRIDGE ON THE SABINE PASS HIGHWAY.

RAINS WILL BECOME VERY HEAVY DURING THE NIGHT AND TORRENTIAL RAINS ARE ANTICIPATED DURING THE EARLY MORNING HOURS WITH AS MUCH AS 6 INCHES AND POSSIBLY UP TO 10 INCHES ACCUMULATING BY MID-MORNING TOMORROW.

AT 11 PM OUR BAROMETER READS 29.89 AND FALLING SLOWLY. WIND IS ENE 23 MPH AND SLOWLY INCREASING.

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 1:00 AM SEPTEMBER 17 1963

HURRICANE CINDY CONTINUES ON ITS NORTHWARD PATH AT 8 TO 10 MPH AND WAS CENTERED AT 1 AM SOME 80 MILES SOUTH OF PORT ARTHUR AND ONLY SOME 70 MILES SOUTH OF SABINE.

HIGHEST WINDS ARE STILL ESTIMATED AT ABOUT 80 MPH OVER A SMALL AREA NEAR THE CENTER AND GALES EXTEND OUTWARD NEARLY 100 MILES FROM THE CENTER. GALVESTON AGAIN REPORTED A LITTLE OVER 50 MPH IN SQUALLS SINCE MIDNIGHT AND SOME OFFSHORE OIL RIGS HAVE REPORTED GUSTS UP TO ABOUT 70 MPH. SABINE HAS HAD A FEW SQUALLS WITH GUSTS OVER 40 MPH. LOCAL AREA WINDS WILL CONTINUE A SLOW INCREASE REACHING 50 MPH IN GUSTS BY SHORTLY AFTER 2 AM AND HURRICANE FORCE IN SQUALLS BY SHORTLY AFTER DAYBREAK.

COASTAL TIDES CONTINUE TO RISE. AT 1 AM THE SABINE READING WAS 2.7 FEET WHICH IS 2.4 FEET ABOVE NORMAL FOR THE HOUR. TIDES THERE ARE EXPECTED TO REACH SOME 4 FEET ABOVE SEA LEVEL BY 2:30 AM AND 6 TO POSSIBLY 8 FEET BY SHORTLY AFTER DAYBREAK THIS MORNING. WE BELIEVE THAT FLOODING WILL BE CONFINED TO THE IMMEDIATE COASTAL AREAS AND SHOULD NOT SERIOUSLY AFFECT INLAND POINTS TO THE NORTH OF THE INTRACOASTAL BRIDGE ON THE SABINE PASS HIGHWAY.

RADAR IS NOW OBSERVING SOME OF THE OUTER SPIRAL BANDS SURROUNDING THE HURRICANE AND SHOWS THAT HEAVY RAINS ARE ALREADY OCCURRING INLAND FROM THE COAST- REACHING ALMOST TO THIS AIRPORT AT 1 AM. VERY HEAVY RAINS WILL OCCUR DURING THIS MORNING WITH AS MUCH AS 6 AND POSSIBLY 10 INCHES ACCUMULATING BY MID-MORNING. WE HAVE MEASURED ONLY 0.86 INCH AT THIS AIRPORT SINCE NOON YESTERDAY BUT AMOUNTS HAVE BEEN CONSIDERABLY HIGHER ALONG THE COAST.

AT 1 AM OUR AIRPORT BAROMETER READ 29.85 INCHES AND CONTINUES TO FALL MODERATELY. WIND WAS NE 20 MPH WITH GUSTS TO 28 MPH.

CONTINUE TO LISTEN TO NEW ORLEANS ADVISORIES AND BULLETINS ON HURRICANE CINDY. NEXT LOCAL WEATHER STATEMENT AT 3:00 AM.

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 3:10 AM SEPTEMBER 17 1963

HURRICANE CINDY SHOWS SIGNS OF MOVING A BIT MORE TOWARD THE NORTHWEST AND HER RATE OF FORWARD MOVEMENT HAS SLOWED TO ABOUT 6 OR 7 MPH.

AT 3 AM CINDY WAS SOME 75 MILES SOUTH-SOUTHWEST OF PORT ARTHUR AND ONLY 65 MILES SOUTH-SOUTHWEST OF SABINE.

HIGHEST WINDS ARE STILL ESTIMATED AT ABOUT 80 MPH IN SQUALLS NEAR THE ILL DEFINED CENTER AND GALE FORCE WINDS ALREADY COVER MOST OF THE SABINE-MECHES AREA. WINDS WILL INCREASE FURTHER TO ABOUT 60 MPH IN SQUALLS BY 4 AM AND TO OR NEAR HURRICANE FORCE BY SHORTLY AFTER DAYBREAK THIS MORNING. GALVESTON REPORTED 77 MPH IN A THUNDERSQUALL JUST AT 3 AM.

COASTAL TIDES CONTINUE A GRADUAL RISE. AT 3 AM THE SABINE READING WAS 3.6 FEET ABOVE MEAN SEA LEVEL WHICH IS 3.0 FEET ABOVE NORMAL FOR THE HOUR. TIDES AT SABINE ARE EXPECTED TO REACH 4 TO 5 FEET BY 4 AM AND ABOUT 6 TO POSSIBLY 7 FEET BY 6 OCLOCK THIS MORNING. WE BELIEVE THAT FLOODING WILL BE CONFINED TO THE IMMEDIATE COASTAL AREAS AND SHOULD NOT SERIOUSLY AFFECT INLAND POINTS TO THE NORTH OF THE INTRACOASTAL CANAL BRIDGE ON THE SABINE PASS HIGHWAY.

TIDE AT PORT ARTHUR PLEASURE PIER IS 2.2 FEET ABOVE SEA LEVEL AND RISING SLOWLY.

RADAR INDICATES HEAVY SQUALLS REACHING UP TO PORT ARTHUR AND A FEW ARE NOW APPROACHING THIS AIRPORT.

OUR 3 AM WIND WAS ENE 22 MPH WITH GUSTS TO 31 MPH. BAROMETER WAS 29.80 AND FALLING MODERATELY.

TORRENTIAL RAINS WILL FALL AT INTERVALS DURING THIS MORNING AND MAY ACCUMULATE AS MUCH AS 6 AND POSSIBLY UP TO 10 INCHES IN THE AREA BY MIDDLE OR LATE MORNING.

NEXT LOCAL WEATHER STATEMENT SHORTLY AFTER 4 AM.

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 5:00 AM SEPTEMBER 17 1963

HURRICANE CINDY CONTINUES TO MOVE TOWARD THE NORTH NORTHWEST OR NORTHWEST AT 7 TO 8 MPH AND AT 5:00 AM WAS CENTERED SOME 45 MILES SOUTH SOUTHWEST OF PORT ARTHUR AND 25 MILES EAST SOUTHEAST OF GALVESTON.

HIGHEST WINDS ARE STILL ESTIMATED NEAR 80 MPH IN HEAVIER SQUALLS NEAR THE CENTER AND GALES ARE COVERING A LARGE PART OF THE UPPER TEXAS AND EXTREME WESTERN LOUISIANA COASTS. GALVESTON HAS REPORTED HURRICANE FORCE WINDS IN THUNDERSQUALLS AND PORT ARTHUR AND HIGH ISLAND HAVE BOTH REPORTED WINDS OF 50 MPH.

LOCAL AREA WINDS WILL INCREASE TO OR NEAR HURRICANE FORCE BY ABOUT 6:30 THIS MORNING BUT WILL BEGIN TO SUBSIDE SLOWLY BY ABOUT NOON TODAY.

COASTAL TIDES ARE NOW RISING MORE SLOWLY. AT 5 AM THE SABINE READING HAD ONLY REACHED 3.6 FEET ABOVE MEAN SEA LEVEL WHICH IS 3.2 FEET ABOVE NORMAL FOR THE HOUR AND IS NOT EXPECTED TO REMAIN BELOW 6 FEET. FLOODING IS OCCURRING ON THE IMMEDIATE COAST BUT IS NOT EXPECTED TO SERIOUSLY AFFECT INLAND POINTS TO THE NORTH OF THE INTRACOASTAL CANAL BRIDGE ON THE SABINE PASS HIGHWAY.

RADAR INDICATED A NUMBER OF HEAVY SQUALLS IN THE SABINE-NECHES AREA SOME OF WHICH ARE PRODUCING GUSTS TO NEAR 50 MPH.

OUR 5 AM AIRPORT WIND WAS ENE 25 MPH WITH GUSTS TO 38 MPH. BAROMETER WAS 29.74 INCHES AND FALLING SLOWLY.

TORRENTIAL RAINS WILL CONTINUE AT INTERVALS DURING THIS MORNING AND MAY ACCUMULATE AS MUCH AS 6 TO 8 INCHES IN THE AREA BY MIDDLE OR LATE MORNING.

NEXT LOCAL WEATHER STATEMENT AT 7 AM.

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 7:10 AM SEPTEMBER 17 1963

HURRICANE CINDY IS MOVING NORTHWESTWARD OR NORTH NORTHWESTWARD AT ABOUT 7 OR 8 MILES PER HOUR AND AT 7 AM WAS CENTERED ONLY ABOUT 10 TO 12 MILES SOUTH OF HIGH ISLAND. HIGHEST WINDS ARE STILL ESTIMATED AT ABOUT 80 MPH IN HEAVIER SQUALLS WITHIN 30 TO 40 MILES OF THE CENTER AND GALE FORCE WINDS COVER A LARGE PORTION OF THE UPPER TEXAS AND WESTERN LOUISIANA COASTS.

SABINE-NECHES AREA WINDS WILL OCCASIONALLY REACH ABOUT 60 TO POSSIBLY 70 MPH IN A FEW SQUALLS FOR THE NEXT 2 TO 3 HOURS BUT WILL GRADUALLY SUBSIDE DURING THE AFTERNOON.

COASTAL TIDES HAVE BEGUN TO FALL SLOWLY ALONG OUR SECTION OF THE COAST IN RESPONSE TO A GOOD FALL IN THE NORMAL TIDE. AT 7 AM THE READING AT SABINE WAS 3.1 FEET ABOVE MEAN SEA LEVEL OR 3.2 FEET ABOVE NORMAL FOR THE HOUR. IT NOW APPEARS THAT ON OUR COAST THE TIDE WILL NOT EXCEED 5 FEET BUT A GENERAL FALL IS NOT EXPECTED TO OCCUR UNTIL EARLY THIS AFTERNOON. LIGHT TO MODERATE FLOODING IS BEING EXPERIENCED ALONG THE COAST BUT INLAND POINTS NORTH OF THE INTRACOASTAL CANAL BRIDGE SHOULD NOT BE SERIOUSLY AFFECTED.

RAINS CONTINUE HEAVY IN MANY PLACES AND THIS AIRPORT STATION HAS MEASURED 3.38 INCHES SINCE YESTERDAY NOON. ADDITIONAL RAINFALL THIS MORNING MAY BRING THE TOTAL UP TO SIX OR EIGHT AND POSSIBLY TEN INCHES BY NOON TODAY.

THE SABINE AND NECHES RIVERS WILL RISE MODERATELY IN THEIR LOWER REACHES AND SLIGHT LOCALIZED FLOODING MAY OCCUR IN A FEW BAYOUS NEAR THEIR MOUTHS.

WATCH FOR NEW ORLEANS BULLETIN AT 8 AM AND OUR NEXT LOCAL WEATHER STATEMENT AT 9:00 AM.

AT 7 AM THE PRESSURE WAS 29.75 AND RISING SLOWLY AND THE WIND WAS EAST 26 MPH WITH GUSTS TO 32 MPH.

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 9:10 AM SEPTEMBER 17 1963

HURRICANE CINDY CROSSED THE COAST LINE DIRECTLY OVER HIGH ISLAND NEAR 7:30 THIS MORNING AND CONTINUES ON ITS NORTHWARD PATH.

HIGHEST WINDS ARE NOW ABOUT 70 TO 80 MPH OVER A VERY SMALL AREA NEAR THE CENTER BUT SQUALLS WITH WINDS NEAR HURRICANE FORCE MAY OCCUR ALL ALONG THE EXTREME UPPER TEXAS COAST FOR THE NEXT HOUR OR TWO.

WINDS WILL SUBSIDE AFTER NOON TODAY AND WARNINGS WILL BE LOWERED.

SEAS CONTINUE VERY ROUGH AND TIDES WILL FALL ONLY SLOWLY. AT 9:00 AM THE SABINE TIDE WAS 2.7 FEET WITH A SLIGHT FALLING TENDENCY.

NUMEROUS SQUALLS ARE STILL VISIBLE ON RADAR AND MAY BE EXPECTED TO PLAGUE MUCH OF THE SABINE-NECHES AREA FOR THE NEXT TWO HOURS WITH GUSTY WINDS AND BRIEF HEAVY SHOWERS.

OUR AIRPORT WIND AT 9:00 AM WAS EAST 23 MPH WITH GUSTS TO 32 MPH. BAROMETER WAS 29.74 INCHES AND RISING VERY SLOWLY.

NEW ORLEANS WEATHER BUREAU ADVISORY NUMBER 4 CINDY WILL BE ISSUED SHORTLY BEFORE 10 AM.

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 12:20 PM SEPTEMBER 17 1963

SEVERE THUNDERSTORM AND POSSIBLE TORNADO FORECAST FOR PORTIONS OF SOUTHEAST AND EAST CENTRAL TEXAS AND PORTIONS OF SOUTHERN AND CENTRAL LOUISIANA.

A FEW SEVERE THUNDERSTORMS WITH DAMAGING WIND AND A FEW TORNADOES ARE EXPECTED THIS TUESDAY AFTERNOON AND EVENING FROM 1:00 PM TO 7:00 PM CST IN THE AREA 60 MILES EITHER SIDE OF A LINE FROM 60 MILES NORTH NORTHEAST OF COLLEGE STATION TEXAS TO LAFAYETTE LOUISIANA.

AMONG OTHER COUNTIES AND PARISHES IN SOUTHEAST AND EAST CENTRAL TEXAS AND PORTIONS OF SOUTHERN AND CENTRAL LOUISIANA THIS AREA INCLUDES THE FOLLOWING COUNTIES...ANGELINA - SAN AUGUSTINE - SABINE - POLK - TYLER - JASPER - NEWTON - HARDIN - JEFFERSON - AND ORANGE.

HOUSTON WEATHER BUREAU RIVER FORECAST CENTER RIVER BULLETIN 3:20 PM SEPTEMBER 17 1963

THE NECHES RIVER AT BEAUMONT CONTINUES RISING FROM TIDAL INFLUENCE AND SOUTHEASTERLY WINDS. AT 3 PM CST THE RIVER STAGE AT BEAUMONT WAS 4.8 FEET. FLOOD STAGE IS 7.0 FEET.

CREST FORECAST IS REVISED TO 5.5 TO 6.0 FEET THIS EVENING.

BECAUSE OF HEAVY RAINS INDICATED FOR THE AREA TONIGHT- ALL INTERESTS IN THE LOW LANDS SHOULD TAKE MEASURES TO PROTECT MOVABLE PROPERTY IN THE EVENT FLOOD WARNINGS BECOME NECESSARY LATER. ADDITIONAL ADVICES WILL BE ISSUED AS FURTHER INFORMATION BECOMES AVAILABLE.

CROOKER

PORT ARTHUR WEATHER BUREAU SPECIAL WEATHER BULLETIN 8:45 PM SEPTEMBER 17 1963

A LOW PRESSURE SYSTEM WHICH IS THE REMAINS OF HURRICANE CINDY HAS BECOME STATIONARY JUST TO THE SOUTHWEST OF PORT ARTHUR WITH PART OF THE SYSTEM OVER LAND AND THE SOUTHERN HALF OVER WATER.

WITH THIS SITUATION OCCURRING...WE NOW FEEL THAT TORRENTIAL RAINS WILL OCCUR THROUGH TONIGHT AND MOST OF TOMORROW.

AT 8:45 PM THIS EVENING RAINFALL MEASURED 11.50 INCHES SINCE THE STORM BEGAN, OUR PRESENT THINKING IS THAT RAINFALL AMOUNTS WILL REACH 15 TO AS MUCH AS 20 INCHES.

FLOODING IS ALREADY OCCURRING IN THE AREA AND WILL CONTINUE TO GET WORSE TONIGHT AND WEDNESDAY.

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 9:45 PM SEPTEMBER 17 1963

FORECAST FOR... BEAUMONT - PORT ARTHUR - ORANGE

....HEAVY RAIN AND FLOOD WARNING....

TORRENTIAL RAINS WITH CONSIDERABLE FLOODING IN LOW LYING AREAS TONIGHT AND TOMORROW WITH STORM ACCUMULATION OF 15 TO 20 INCHES BY WEDNESDAY EVENING.

DIMINISHING SHOWER ACTIVITY WEDNESDAY NIGHT BECOMING PARTLY CLOUDY THURSDAY.

NO IMPORTANT TEMPERATURE CHANGE WITH LOWEST TONIGHT ABOUT 74 AND THE HIGH WEDNESDAY NEAR 84.

SMALL CRAFT WARNINGS REMAIN DISPLAYED FOR SQUALLS WITH MOSTLY SOUTH TO SOUTHWEST WINDS GUSTY TO 35 MPH AND ROUGH SEAS. WINDS DIMINISHING SLOWLY LATE WEDNESDAY AND THURSDAY WITH SLOWLY SUBSIDING SEAS.

PORT ARTHUR WEATHER BUREAU LOCAL WEATHER STATEMENT 4:10 AM SEPTEMBER 18 1963

FORECASTS FOR... BEAUMONT - PORT ARTHUR - ORANGE

THE HEAVY RAIN RESULTING FROM THE REMAINS OF CINDY WILL DECREASE GRADUALLY THIS MORNING AND END THIS AFTERNOON. THERE WILL BE CONSIDERABLE FLOODING IN LOW LYING PLACES WITH THE STORM ACCUMULATION OF 16 TO 20 INCHES.

IN CINDY'S AFTERMATH THERE IS STILL A CHANCE OF A FEW THUNDERSHOWERS THIS AFTERNOON AND EVENING. OTHERWISE CONSIDERABLE CLOUDINESS WILL CONTINUE THROUGH THURSDAY AND THE DAYTIME TEMPERATURES WILL INCREASE WITH HIGH TODAY NEAR 84. THE LOW TONIGHT ABOUT 74.

SMALL CRAFT WARNINGS REMAIN DISPLAYED FOR SOUTHWEST WINDS 15 TO 25 MPH GRADUALLY DIMINISHING TODAY BECOMING WEST 10 TO 15 MPH TONIGHT AND WEST TO NORTHWEST 10 TO 18 MPH THURSDAY.

OPERATIONAL OUTLOOK...

RAINFALL SHOULD END TODAY BUT OUTDOOR OPERATIONS WILL BE LIMITED NEXT FEW DAYS DUE TO FLOODING AND WET GROUND. MOSTLY CLOUDY SKIES WARMER TEMPERATURES - AND AFTER TODAY LIGHT TO MODERATE WINDS.