



9 October 2020
(092059Z Oct 2020)

**BULLETIN 1
HURRICANE DELTA**

Please distribute to all traffic nets and EMCOMM organizations
www.radio-relay.org

HURRICANE DELTA STATUS:

As with all hurricanes, the exact path of Hurricane Delta is difficult to predict. However, the latest NWS guidance (abridged) is provided below:

At 400 PM CDT (092100 Z Oct 2020), the center of Hurricane Delta was located near latitude 29.3 North, longitude 93.2 West. Delta is moving toward the north-northeast near 14 mph (22 km/h), and this motion is expected to continue through Saturday morning. A motion toward the northeast is then expected through Sunday night. On the forecast track, the center of Delta should make landfall along the coast of southwestern Louisiana during the next few hours, and then move across central and northeastern Louisiana tonight and Saturday morning. After that time, the system is forecast to move across northern Mississippi into the Tennessee Valley.

Maximum sustained winds are near 105 mph (165 km/h) with higher gusts. Some weakening is possible before landfall, with rapid weakening expected after landfall. Delta is forecast to weaken to a tropical storm tonight and to a tropical depression on Saturday.

Hurricane-force winds extend outward up to 40 miles (65 km) from the center and tropical-storm-force winds extend outward up to 160 miles (260 km). The Texas Coastal Ocean Observation Network station at Texas Point recently reported sustained winds of 62 mph (100 km/h) and a wind gust of 78 mph (126 km/h). The National Ocean Service station at Calcasieu Pass, Louisiana, recently reported sustained winds of 53 mph (85 km/h) and a wind gust of 64 mph (104 km/h).

The estimated minimum central pressure is 966 mb (28.53 inches). The National Ocean Service station at Calcasieu Pass recently reported a pressure of 983.8 mb (29.05 inches).

The deepest water will occur along the immediate coast near and to the east of the landfall location, where the surge will be accompanied by large and dangerous waves. Surge-related flooding depends on the relative

timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

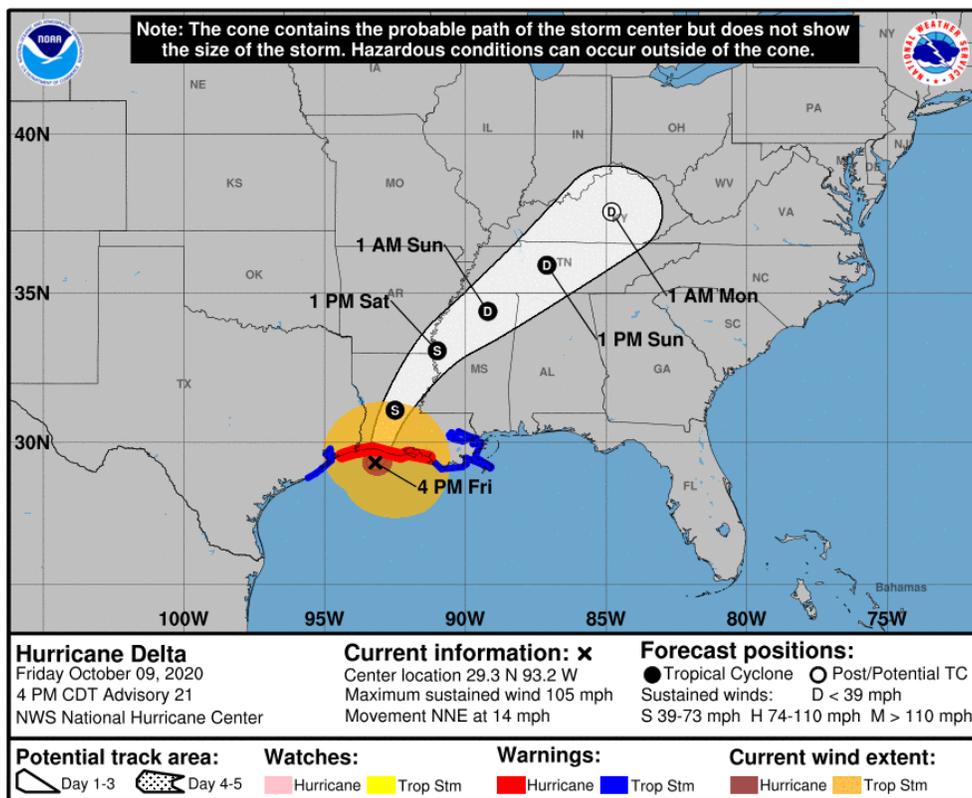
WIND: Hurricane conditions are expected within the hurricane warning area during the next few hours, with tropical storm conditions already occurring. Tropical storm conditions will continue to spread onshore within portions of the tropical storm warning areas during the next several hours.

RAINFALL: Today through Saturday, Delta is expected to produce 5 to 10 inches of rain, with isolated maximum totals of 15 inches, from southwest into central Louisiana. These rainfall amounts will lead to significant flash, urban, small stream flooding, along with minor to major river flooding.

For extreme east Texas into northern Louisiana, southern Arkansas, and western Mississippi, Delta is expected to produce 3 to 6 inches of rain, with isolated maximum totals of 10 inches. These rainfall amounts will lead to flash, urban, small stream, and isolated minor river flooding.

As the remnants of Delta move farther inland, 1 to 3 inches of rain, with locally higher amounts, are expected in the Tennessee Valley and Mid Atlantic this weekend. There is a potential for 3 to 6 inches in the Southern Appalachians, which could lead to isolated flash, urban, and small stream flooding.

TORNADOES: A few tornadoes are possible this afternoon through tonight over southern portions of Louisiana and Mississippi.



GUIDANCE FOR RRI REGISTERED RADIO OPERATORS, AFFILIATED NETS AND COOPERATING EMCOMM ORGANIZATIONS:

RRI/NTS Networks remain in routine configuration. While normal network configuration continues, the following action steps are requested beginning at 262100Z:

Requested Actions:

Registered Radio Operators: The traffic system remains in routine configuration. However, due to the ongoing Army MARS COMEX (communications exercise), an outstanding request for increased awareness and expedited routing of exercise traffic is already in place. Obviously, any operational or welfare message traffic associated with the hurricane situation will be treated in a similar manner and should take precedence over either exercise or routine traffic.

Digital Traffic Stations: Increase connect/download frequency. At present, we are not specifying a download/connect schedule. If an activation request is received, we will specify a schedule at that time via a QNC bulletin.

Winlink-RRI Liaison Stations: Increase connect/download frequency. At present, we are not specifying a download/connect schedule. If an activation request is received, we will specify a schedule at that time via a QNC bulletin.

REACT Liaisons: Monitor REACT channel/frequency as directed by REACT team manager. RRI liaisons may wish to monitor the REACT traffic system channel during the event.

Activation of National Emergency Communications Response Guidelines: Upon commencing with the *systematic* origination of *emergency, priority or welfare* precedence message traffic, and at the earliest possible convenience, a priority radiogram requesting emergency communications support should be transmitted to the *RRI Emergency Management Director*. The radiogram should identify the general source location (typically a state or region) of the traffic and the anticipated priority of traffic to be originated. This information will be used to identify any specific point-to-point circuits or other specialized routings required to support local emergency operations. For example, if quantities of message traffic are to be originated to a specific agency, the destination of that agency should be identified in the request.

A sample Activation Request Message is shown in Appendix A, Example 1 (page 32) of the *RRI National Emergency Communications Response Plan*:

<http://radio-relay.org/wp-content/uploads/2020/08/RRI-NECRP-2020-8-1-Final-Approved.pdf>

Contact Information for the RRI Emergency Manager is:

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National SOS Radio Network: In the event of anticipated cellular outages, monitor FRS Channel One 462.5625 MHz. Make periodic announcements at the top of the hour indicating that you are monitoring the channel and available for emergency or welfare traffic.

Public Service Announcements may be distributed to local media using these audio files available on the RRI Web Page under the heading "National SOS Radio Network."

<http://radio-relay.org/emcomm/national-sos-radio-network/>

Neighborhood Hamwatch: Contact supported VOADs to confirm or establish liaison channel or frequency. Be prepared to provide connectivity as required.

Welfare Message Traffic

At present, welfare inquiry messages destined for the affected area are discouraged. Welfare message traffic *leaving* the affected area may be injected into any available net. However, it is recommended that stations planning to originate welfare traffic in quantity notify the RRI Emergency Manager so that special routings and inject points may be assigned.

If originating welfare radiograms via Winlink using the RRI Radiogram Form template, please be certain to select the correct RRI destination region depending upon the destination address.

Government-Amateur Interoperability (60-Meter Band):

FEMA has announced that Channels 1 and 2 of the 60-meter (5-MHz) band will be available, as necessary, for interoperability between US Government stations and US amateur radio stations involved in Hurricane Delta emergency communication effective October 9. This interoperability status will remain active until after the storm has passed, and the need for these channels no longer exists. The following frequencies will be used for this purpose:

Channel 1 -- Primary voice traffic, 5332 kHz channel center, 5330.5 kHz USB voice;

Channel 2 -- Digital traffic, 5348 kHz channel center, 5346.5 kHz USB with 1.5 kHz offset to center of digital waveform.

All users should yield to operational traffic related to Hurricane Delta. Remember that radio amateurs remain secondary users whereas Federal Government stations are primary users within the interoperability context.

Other Net Operations:

The following organizations will also be active during the hurricane event:

Louisiana ARES Net: 7255 KHz Day, 3878 KHz Night - Frequencies +/- 10 KHz

Hurricane Watch Net: 14325 KHz; 7268 KHz Night

SATERN Net: 14265 KHz (primary), 14312 KHz (alternate)

SATERN Southern Territory Net: 7265 KHz.

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