

Dropsondes





Releasing dropsondes

Dropsondes were developed by the National Center for Atmospheric Research in Boulder. The information from dropsondes goes directly to supercomputers for weather models and to forecasters in the National Hurricane Center.

Dropsondes are dropped into hurricanes from airplanes to measure air pressure, temperature, wind speed and humidity. Dropsondes are released high above hurricanes and from inside hurricanes.





The eye of Hurricane Dorian

Dropsondes are used by hurricane hunter airplanes, which are flown by Air Force pilots from Biloxi, Mississippi and NOAA Corps pilots from Lakeland, Florida. Many dropsondes are released in all hurricanes near the US. They improve hurricane forecasts.

