

Website Addresses

The NWS Houston/Galveston, Texas office issues severe weather watches and warnings, and public forecasts, for 23 counties in southeast Texas, which comprise our County Warning Area. In addition, aviation, marine, fire weather, and hydrology forecasts are also issued.

Our office is located about 20 miles northwest of Galveston and 30 miles southeast of Houston, in the city of Dickinson in Galveston County. It is the first NWS office in the nation to be co-located with emergency management. See the map below for our location, along with the counties that we serve:



WFO Houston/Galveston Staffing

- Meteorologist In Charge
- Warning Coordination Meteorologist
- Science Operations Officer
- Data Acquisition Program Manager
- Administrative Support Assistant
- Service Hydrologist
- Port Meteorologist Officer
- Electronics Systems Analyst
- 2 Electronics Technicians
- Information Technology Officer
- 5 Senior Forecasters
- 5 General Forecasters
- Hydrometeorological Technician
- 2 Meteorological Interns

National Weather Service Main Site

www.weather.gov

Access to all NWS weather forecasts, warnings, observations, climate data, national centers and international connections.

WFO Houston/Galveston, Texas

www.weather.gov/houston

Local public, marine, aviation, fire weather and hydrology warnings/forecasts, climate data, educational information, etc. Find everything you need through our internet weather links.

Questions and comments about the Houston/Galveston, Texas Weather Forecast Office products and services can be e-mailed to:

sr-hgx.webmaster@noaa.gov

NWS Houston/Galveston Coastal Weather Information

www.srh.noaa.gov/hgx/?n=marine

Access to all NWS warnings, forecasts, and observational information for the coastal waters along southeast Texas.

WFO Houston/Galveston, Texas Skywarn Site

www.srh.noaa.gov/hgx/?n=skywarn

Information on Skywarn Training, how to sponsor a Skywarn program and a schedule of the Skywarn training across the area can be found here.

NWS Weather Awareness Resource

www.weather.gov/om

NWS office of Climate, Water, and Weather Services. Includes preparedness, outreach, statistics, publications, and educational information.



National Weather Service
Houston/Galveston, TX Weather Forecast Office
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Dickinson, TX 77539
281-337-5074

U. S. Department of Commerce
National Oceanic & Atmospheric
Administration

National Weather Service Houston/Galveston, Texas Weather Forecast Office



Our Main Mission:

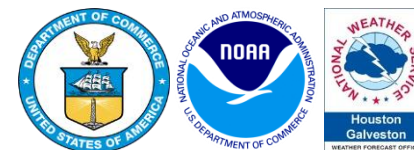
Deliver quality, effective and timely warnings and forecasts for southeast Texas and its adjacent coastal waters for the protection of life and property.

www.weather.gov/houston

Facebook: NWSHouston

Twitter: @NWSHouston

Youtube: NWSHouston



About the National Weather Service

The National Weather Service (NWS) is a Federal Government Agency operating under the National Oceanic and Atmospheric Administration, within the Department of Commerce.

- Our Headquarters is located in Silver Spring, MD.
- There are 6 Regional Offices and 122 field Weather Forecast Offices (WFO) across the country.
- Each WFO serves a geographical area, or County Warning Area (CWA), and is open 24 hours a day, 7 days a week.
- 13 River Forecast centers are co-located at WFOs.

The NWS collects surface and atmospheric weather observational data that provide input for complex 3-D mathematical computer models of the atmosphere. Model output in the form of graphics and numerical forecast guidance serve as a basis for NWS forecasts and warnings. All observations, model output and NWS forecasts and warnings are made available, at no cost, to the general public.

The NWS provides weather products and services in these major areas:

1. Official severe weather watches and warnings,
2. Forecasts and surface/upper air observations,
3. Hydrological forecasts and warnings for rivers,
4. Climate data/forecasts on a daily to yearly scale.

NWS data and products form a national informational database infrastructure, which can be used by other government agencies, the media, the private sector, and the general public.

Weather Definitions

Watch - The WFO issues a watch when conditions are favorable for the development of severe weather. Stay alert to changing weather conditions, and listen for later forecasts and possible warnings. Examples of weather watches issued are: Tornado, Severe Thunderstorm, Flash Flood, and High Wind.

Warning - The WFO issues a warning when severe weather is occurring, or is imminent. Take immediate action to protect yourself and loved ones! A warning means that loss of property is likely. Examples of the severe warnings issued are: Tornado, Severe Thunderstorm, Flash Flood, and High Wind.

Advisory - The WFO issues an advisory to highlight special weather conditions that are less serious than a warning. They are for conditions that may cause significant inconvenience, and if caution is not exercised, could lead to situations that may threaten life and/or property. Examples of advisories issued are: Dense Fog, Heat, and Winter Weather.

WFO Houston/Galveston Office Programs



Public - We provide routine public forecasts in both graphical and text format, which are seven day forecasts for all locations in our forecast area.



Aviation - We provide routine aviation forecasts, called Terminal Aerodrome Forecasts, or TAFs, for airports. The eight airports that we issue TAFs for are, College Station, Huntsville, Conroe, Houston - Intercontinental, Houston - Hobby, Sugar Land, Angleton, and Galveston. These forecasts are for 24 hours (30 hours at Houston - Intercontinental), and describe wind, weather, visibility and sky cover at each location.



Marine - We provide routine marine forecasts for waters from Matagorda Bay to the coastal waters off High Island, extending 60 nautical miles out and encompassing Galveston Bay. These forecasts are 5 day forecasts of the expected winds, weather and wave heights across the waters. Tide and current products are also issued, as well as warnings in times of severe weather.



Fire Weather - We provide routine fire weather forecasts for all locations in our forecast area during the fire weather season (generally late spring into summer). We provide a fire weather planning forecast for federal and state agencies, which includes forecasts of meteorological parameters that are significant to wildland fire mitigation. We also provide point and spot forecasts upon request for these users.



Tropical Weather - We provide routine forecasts for all locations in our forecast area during any tropical events. We monitor any and all tropical cyclone activity to keep the public up to date on the migration and intensity of the system.



Hydrology - We provide routine monitoring of area river stages year round, and produce flood warnings and follow up statements during times of flooding.



Climate - We provide routine collection and monitoring of temperature, precipitation, and wind data for numerous locations in our forecast area. We provide observations, normals and records data for the Houston, Galveston, and College Station airports. We collect and distribute observations for other automated airport sites and cooperative observers in our forecast area. In addition, we provide a monthly summary statement of the previous month's weather and issue statements when a severe drought is occurring in our forecast area.



All Hazards NOAA Weather Radio

All Hazards NOAA Weather Radio (NWR) is a way to receive up-to-the-minute weather forecasts warnings from the Houston/Galveston and other offices, including non-weather related emergency messages.

There are six NWR All Hazards transmitters in our forecast area:

<u>Station</u>	<u>Frequency (MHz)</u>
WWG-40 Bay City	162.425
WXK-30 Bryan	162.550
KHB-40 Hitchcock	162.550
KJY-78 New Taiton	162.450
KXI-55 Onalaska	162.500
KGK-68 Tomball	162.400

All Hazards NWR broadcasts routine forecasts and observations at all times. Each transmitter broadcasts within a 20-40 mile radius of the transmitter site depending on transmitter power. Signal strength may vary depending on terrain, and the radio receiver, type, and location.

During severe weather conditions, NWR is the direct link to severe weather forecasts and warning information from the NWS. A special electronic signal is broadcast to activate alarms in specially built radio receivers.

This alarm alerts you to the fact that severe weather information will follow - something that may save your life! These special radio receivers are available at many stores or online and make great gifts!