

**Texas Master Naturalist Program
Cradle of Texas Chapter
General Meeting and Advanced Training
Wednesday, August 9, 2017
Texas AgriLife Extension Building
21017 County Road 171
Angleton, Texas 77515-8903**

8:30 AM – 9:00 AM	Fun and Fellowship Snack Team: Robert Salzer, Marty Cornell, Mel Mckey
9:00 AM – 9:50 AM	General Meeting and Nature Notes <i>This meeting is approved for 1.00 hour volunteer time</i>
10:15 AM – 12:00 PM	Speaker: Dan Reilly, Warning Coordination Meteorologist National Weather Service Houston/Galveston Topic: <i>Hurricanes and Hurricane Hazards</i>



Dan Reilly

Dan has been with the National Weather Service for the past 23 years, the last nine years as the Warning Coordination Meteorologist at the NWS office in Houston. He has also worked at forecast offices in Virginia, Pennsylvania, Michigan and Montana.

Dan holds a Bachelor's degree in Physics from University of Virginia and a Master's degree in Meteorology from the Massachusetts Institute of Technology.

The National Weather Service is a component of the National Oceanic and Atmospheric Administration (NOAA). NOAA is an Operating Unit of the United States Department of Commerce.

Our Mission: Provide weather, water, and climate data, forecasts and warnings for the protection of life and property and enhancement of the national economy.

Our Vision: A Weather-Ready Nation: Society is Prepared for and Responds to Weather-Dependent Events

Our History: Explore various milestones in the history of the National Weather Service and our predecessor agencies, dating back to the 1800s.

Organization: The headquarters of the National Weather Service is located in Silver Spring, Maryland, with regional headquarters located in Kansas City, Missouri; Bohemia, New York; Fort Worth, Texas; Salt Lake City, Utah; Anchorage, Alaska; and Honolulu, Hawaii. With some 4000 - plus employees in 122 weather forecast offices, 13 river forecast centers, 9 national centers, and other support offices around the country, NWS provides a national infrastructure to gather and process data worldwide. Each year, NWS collects some 76 billion observations and issues approximately 1.5 million forecasts and 50,000 warnings.

Strategic Plan: In 2011, NWS unveiled its new Strategic Plan, based on the concept of building a Weather-Ready Nation. This Strategic Plan is our effort to anticipate service needs over the next couple of decades, project what science and technology could allow, and establish meaningful outcome-oriented goals and objectives as we seek to build a Weather-Ready Nation.

—Source: National Weather Service

<http://www.weather.gov/about>

Hurricanes and Hurricane Hazards
Will discuss the science of hurricanes including what causes them to form, their energy source and challenges in forecasting their track and intensity. Will also provide links on where you can keep updated on the tropics and read discussions of these aspects for individual storms. Will also touch on impacts of hurricanes to coastline, vegetation, etc.

