

Weather Links from Mark McKinley, FAA

Web links from our January 11, 2011 meeting on weather:

The National Weather Service - <http://www.weather.gov>

- (From there click on the map over northern Ohio and that will bring you to the website for one of the 122 Weather Forecast Offices (WFOs) around the nation and from there you can click on the map over the location of interest and obtain a seven day forecast.
- Digital forecast images are available from those WFO websites such that you can see variations in the forecast fields of high/low and 3-hourly temperatures, relative humidity and dewpoint, wind speed, wind direction, wind gusts, snowfall in six-hourly increments, precipitation (liquid) amounts, cloud cover, and probability of precipitation from place to place. That information can be viewed by click on the maps under the National Digital Forecast Database banner.)

An alternate to the above that allows viewing of the forecast area boundaries - <http://www.srh.noaa.gov> (the additional tabs on the top of the page will permit viewing of the Center Weather Service Unit and River Forecast Center websites)

The National Centers for Environmental Prediction - <http://www.ncep.noaa.gov>

This NCEP web location has links for the following:

1. the Aviation Weather Center (for in-flight advisory information and pre-flight weather information including pilot reports)
2. the Climate Prediction Center (long-range seasonal outlooks up to 13 months into the future)
3. Environmental Modeling Center (the source for numerical weather prediction models)
4. Hydrometeorological Prediction Center (location for finding current analysis and forecast weather maps)
5. Tropical Prediction Center (also better known as the National Hurricane Center - providing advisories on tropical storms and hurricanes)
6. Ocean Prediction Center (tells you how large ocean waves should be, should you be cruising the high seas or you just wish to see how the weather map looks on the other side of the world)
7. Space Weather Prediction Center (for alerts on geomagnetic storms, solar radiation storms and radio frequency blackouts).
8. Storm Prediction Center (for Severe Thunderstorm Watch and Tornado Watch information as well as convective outlooks as well as having a nice national radar mosaic and information on wild fire potential).

Satellite imagery can be found via the National Environmental Satellite Data Information Service
<http://www.goes.noaa.gov>

Radar - <http://www.srh.noaa.gov/ridge/>

Historical information is archived at the National Climatic Data Center - <http://www.ncdc.noaa.gov>