

Experimental Decision Support Web Page

Part I - Mission Connection

- a. Product Description – The experimental Decision Support Web Page provides the following information to Internet users:
- 1) Graphical weather hazards for the next seven days using a Google Map interface;
 - 2) Graphical ventilation forecast for the next 3 days;
 - 3) Daily dispersion outlook text forecast;
 - 4) Links to the SPC Fire Weather Forecast;
 - 5) Links to aviation tactical decision aids;
 - 6) Links to the SPC Day1 and Day2 Convective Outlooks;
 - 7) Uncertainty forecasts for temperature using plume diagrams for 12 MOS points in the Pendleton County Warning Area;
 - 8) Links to GOES satellite and NEXRAD radar data;
 - 9) Current observations displayed using Google Maps;
 - 10) Text Hazardous Weather Outlook, Area Forecast Discussion, Local Storm Report, and Short Term Forecast products;

This web page is automatically updated as new information becomes available.

- b. Product Type - Experimental
- c. Purpose - The purpose of this experimental web page is to provide decision makers and the public with a single source location for gathering critical weather information.
- d. Audience - The audience is any user in the WFO forecast area that would like access to a single web page for a wide variety of critical weather information. This page will be especially beneficial to decision makers such as emergency managers who need quick access to weather data.
- e. Presentation Format - All displays will occur via a web page interface. Google maps will be used for the graphical hazards and observations (see item “a”).
- f. Feedback Method - We will solicit feedback through an existing NWS Feedback form and/or e-mail to the WFO Webmaster. Feedback will also be solicited during office outreach activities. The period of evaluation will be from June 15, 2009 through December 15, 2009.
- g. URL: http://www.wrh.noaa.gov/pdt/decision_maker/index.php
- h. PDD Approved by Mark Tew, NWS Western Region Deputy Director

Part II - Technical Description

- a. Format and Science Basis - This web page is being developed to consolidate a variety of important weather data, parameters, and forecasts to allow users quick access to this information in a single location.
- b. Availability - The web page will be available 24/7. It will be updated on a continuous basis as new information becomes available.
- c. Additional Information – Although decision makers such as emergency managers will benefit from this web page, the general public will also find this page useful to get a quick overview of the hazardous weather impacting their area.