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PNSWSH

Technical Implementation Notice 11-25  
National Weather Service Headquarters Washington DC  
100 PM EDT Thu Jun 16 2011

To:           Subscribers:  
              -Family of Services  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
              -NOAAPort  
              Other NWS Partners, Users and Employees

From:         Eli Jacks  
              Chief, Fire and Public Weather Services Branch

Subject: Transition to Operational Status of Two Fire Weather Outlook  
Elements in NDFD for CONUS Only: Effective July 14, 2011

Effective Thursday, July 14, 2011, at 1400 Coordinated Universal Time (UTC), NWS will transition two Fire Weather Outlook elements in the National Digital Forecast Database (NDFD) from experimental to operational status. These elements are produced over the Conterminous United States (CONUS) only by the Storm Prediction Center (SPC) of the National Centers for Environmental Prediction (NCEP).

These two Fire Weather Outlook elements are available over the NDFD CONUS sector and the 16 pre-defined NDFD CONUS subsectors for the valid times shown:

- Fire Weather Critical and Extremely Critical Areas (Days 1-7).
- Fire Weather Critical Areas for Dry Thunderstorms (Days 1-3).

More information regarding these elements is available in a Product Description Document (PDD):

[http://products.weather.gov/PDD/spcfire\\_ndfd\\_op\\_pdd.pdf](http://products.weather.gov/PDD/spcfire_ndfd_op_pdd.pdf)

With this implementation, these forecast elements will be available from NDFD in the standard methods:

- GRIdded Binary version 2 (GRIB2) files via Hypertext Transfer Protocol (HTTP) and File Transfer Protocol (FTP)
- eXtensible Markup Language (XML) via Simple Object Access Protocol (SOAP)
- Graphics via web browser

Users who pull NDFD elements in GRIB2 format, either via the Internet or via the Family of Services (FOS) server access service, may need to update their procedures or scripts.

For users who key on the World Meteorological Organization (WMO) super heading to access NDFD elements, the list of super headings for SPC elements is online at:

<http://www.weather.gov/datamgmt/doc/spc.html>

Those who use the NDFD in XML via web service or the online graphical NDFD images can use the same methods they currently use to acquire these elements.

More information about accessing these elements using all of the standard NDFD access methods is online at:

[http://www.weather.gov/ndfd/spc\\_firewx.htm](http://www.weather.gov/ndfd/spc_firewx.htm)

Information on accessing and using NDFD elements is online at:

<http://ndfd.weather.gov/techincal.htm>

If July 14, 2011, is declared a critical weather day, this implementation may be postponed. Users will be notified of that decision via an updated Technical Implementation Notice (TIN) as far in advance as possible.

For questions regarding these products, please contact:

Dr. Phillip Bothwell  
Senior Development Meteorologist  
NOAA/NWS Storm Prediction Center  
Norman, OK  
[phillip.bothwell@noaa.gov](mailto:phillip.bothwell@noaa.gov)

For general questions regarding NDFD data, please email:

[nws.ndfd@noaa.gov](mailto:nws.ndfd@noaa.gov)

For technical questions regarding NDFD data, please contact:

David Ruth  
Mesoscale Prediction Branch Chief  
NOAA/NWS Office of Science and Technology  
Silver Spring, MD  
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For questions regarding this notice, please contact:

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TINs specifically related to NDFD are online at:

<http://www.weather.gov/ndfd/tins.htm>

National Technical Implementation Notices are online at:

<https://www.weather.gov/notification/archive>

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