NOUS41 KWBC DDHHMM
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 and NWS 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

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

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, Oklahoma
   Phillip.Bothwell@noaa.gov

For general questions regarding NDFD data, please email:

   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, Maryland
   David.Ruth@noaa.gov

For questions regarding this notice, please contact:

   Kevin Scharfenberg
   Severe Storms Services Coordinator
   NOAA/NWS Office of Climate, Water, and Weather Services

Silver Spring, Maryland
Kevin.Scharfenberg@noaa.gov

TINs specifically related to NDFD are online at:

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

National TINs are online at:

http://www.weather.gov/os/notif.htm

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