

NOUS41 KWBC 071322
PNSWSH

Technical Implementation Notice 12-29
National Weather Service Headquarters Washington DC
922 AM EDT Thu Jun 7 2012

To: Subscribers:
-Family of Services
-NOAA Weather Wire Service
-Emergency Managers Weather Information Network
-NOAAPORT
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From: Eli Jacks
Chief, Fire and Public Weather Services Branch

Subject: Operational Ultraviolet Radiation Grids in the
National Digital Guidance Database (NDGD), Effective
Tuesday, July 10, 2012, for CONUS Only

Effective Tuesday, July 10, 2012, at 1400 Coordinated Universal
Time (UTC), NWS is making the following three ultraviolet
radiation grids operational in the National Digital Guidance
Database (NDGD) for the Conterminous United States (CONUS) only:

- Ultraviolet Index, for each daylight hour out to 48 hours
- Daily Maximum Ultraviolet Index, once per day out to 120 hours
- Downward Short Wave Radiation Flux, for every third daylight
hour out to 120 hours

These grids have been produced experimentally since March 2011.
See the link below for further information.

http://www.nws.noaa.gov/os/notification/pns11ndgd_uv_grids.txt

These grids are derived automatically from the 1200 UTC model run
of the Global Forecast System (GFS) for CONUS.

More detail regarding these grids is available in a Product
Description Document (PDD) online at:

<http://products.weather.gov/viewlist.php>

To access the operational grids use the following urls AFTER 1400
UTC, July 10, 2012:

For ftp access:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndgd/GT.dn>
ggfs

For http access:

<http://weather.noaa.gov/pub/SL.us008001/ST.opnl/DF.gr2/DC.ndgd/GT.dnggfs>

More information on what the UV Index is and how it is computed is available online at:

http://www.cpc.ncep.noaa.gov/products/stratosphere/uv_index/uv_what.shtml

http://www.cpc.ncep.noaa.gov/products/stratosphere/uv_index/uv_compute.shtml

General information on accessing and using NDGD elements is available online at:

<http://www.weather.gov/ndgd/technical.shtml>

For technical questions regarding NDGD data, please contact:

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National Technical Implementation Notices are online at:

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

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