Service Change Notice 22-99
National Weather Service Headquarters Silver Spring MD
130 PM EDT Wed Oct 12 2022

To:       Subscribers:
- NOAA Weather Wire Service
- Emergency Managers Weather Information Network
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From:     Daniel Roman, Acting Chief
Severe, Fire, Public, and Winter Weather Services
Branch

Subject:  Transitioning the Experimental Day 3-7 Temperature Anomaly
Graphics to Operations, Effective November 21, 2022

The National Centers for Environmental Prediction (NCEP) Weather
Prediction Center (WPC) will operationally provide modernized Day 3-7 Mean
Temperature Anomaly Graphics (Maximum and Minimum) and separate Day 3, 4,
5, 6, and 7 graphics, replacing the Day 1-5 Model Output Statistics (MOS)
Temperature Anomaly Graphics.

The specific products that will be replaced are:

5-Day Mean Maximum Temperature Anomaly
Advanced Weather Interactive Processing System (AWIPS) ID: RBG95A
World Meteorological Organization (WMO) Header: PTIO52 KWBC

5-Day Mean Minimum Temperature Anomaly
AWIPS ID: RBG95B
WMO Header: PTIO53 KWBC

The original purpose of the Day 1-5 MOS Temperature Anomaly Graphics was
to provide 5-day average temperature anomaly guidance for maximum and
minimum temperatures for selected continental U.S. (CONUS) sites. However,
5-day averages are more useful at longer time periods, and MOS does not
reflect the official NWS forecast. The proposed replacement:

- provides 5-day average anomaly information further out in time (Days 3-7)
- reflects values that integrate thoughts from NWS forecast offices
- modernizes the display, including color fill.

Additionally, some users may require daily minimum temperature and maximum
temperature anomaly information. Graphics describing the maximum and
minimum temperature anomalies from climatology are proposed for each of
the Day 3, 4, 5, 6, and 7 forecast periods to aid decision makers. The
anomaly graphic is displayed on the WPC website through static image maps
at:
The daily graphics are available on the WPC webpage under the Day 3-7 tab (click on “Options” to select Max or Min Temperature Anomaly):

https://www.wpc.ncep.noaa.gov/#page=med

The revised and modernized information will replace the existing Day 1-5 MOS anomaly products, with no change in dissemination methods.

Information on the Day 1-3 daily anomalies is highlighted in the WPC short-range forecast discussion (PMDSPD) and Weather Forecast Office Area Forecast Discussions. Text bulletins of MOS are still available at the following link:

https://www.weather.gov/mdl/mos_getbull

Comments or questions regarding the temperature anomaly graphics, including replacement of the current Day 1-5 MOS Temperature Anomaly Graphics with the Day 3-7 Temperature Anomaly Graphics, may be provided to:

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https://www.weather.gov/notification/

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