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PNSWSH

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

To: Subscribers:
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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:

https://www.wpc.ncep.noaa.gov/medr/DAY3-7_MIN_ANOM_filled.gif

https://www.wpc.ncep.noaa.gov/medr/DAY3-7_MAX_ANOM_filled.gif

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 (PMDSFD) 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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National Service Change Notices are online at:

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

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