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PNSWSH

Public Information Statement 22-22  
National Weather Service Headquarters Silver Spring MD  
1240 PM EDT Thu Apr 7 2022

To:           Subscribers:  
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From:         Robyn Heffernan, Acting Chief  
              Severe, Fire, Public, and Winter Weather Services Branch

Subject:      Soliciting Comments on the Experimental Day 3-7 Temperature  
              Anomaly Graphics through July 10, 2022

The National Centers for Environmental Prediction (NCEP) Weather Prediction Center (WPC) is seeking public comment through July 10, 2022 on the proposed replacement of the Day 1-5 Model Output Statistics (MOS) Temperature Anomaly Graphics (Maximum and Minimum), with modernized Day 3-7 Mean Anomaly Graphics (Maximum and Minimum) and separate Day 3, 4, 5, 6, and 7 graphics.

The specific products proposed to 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- which integrates 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_MIN_ANOM_filled.gif)

[https://www.wpc.ncep.noaa.gov/medr/DAY3-7\\_MAX\\_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>

Pending approval, 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](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 Experimental Day 3-7 Temperature Anomaly Graphics, may be provided to:

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National Public Information Statements are online at:

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

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