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Service Change Notice 19-90
National Weather Service Headquarters Silver Spring MD
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From: Jon Gottschalck
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Subject: CPC Will Be Changing its Station-based Precipitation and Temperature Analysis Timeseries Charts from Static Style to Dynamically-generated Graphics: Effective February 21, 2020

Effective February 21, 2020, the National Centers for Environmental Prediction (NCEP) Climate Prediction Center (CPC) will be changing its station-based precipitation and temperature analysis timeseries charts from static style to dynamically-generated graphics.

The interactive web application will dynamically display charts with the same type of information as currently available, but will allow users to select dates rather than only having static graphics available for 30, 90 and 365 days. No change is being made to the variables available (temperature and precipitation) or the analysis information (anomalies, precipitation deficit, etc.).

A modernized, enhanced display of geographical locations will replace the less easily navigable static maps. This new display was developed to be easier to use than the static maps and customizable. Additionally, the updated location data and backend analysis data used to create the charts will be more robust in the level of quality control and way the data is produced.

The chart graphics from the new web application will enable users to explore the data further, with an interactive chart in which users can see specific variable values by clicking on a date along the time series. Users will also be able to download static versions of the customized graphics from the website.

The final web application may vary slightly from the screenshots since some minor development is still ongoing.

Current webpage:

Temperature:
https://www.cpc.ncep.noaa.gov/products/global_monitoring/temperature/global_temp_accum.shtml

Precipitation:

https://www.cpc.ncep.noaa.gov/products/global_monitoring/precipitation/global_precip_accum.shtml

Current file versions (examples):

Location selection page:

https://www.cpc.ncep.noaa.gov/products/global_monitoring/temperature/nCanada_30temp.shtml

Chart:

https://www.cpc.ncep.noaa.gov/products/global_monitoring/temperature/tn71926_30.gif

Sample screenshots of new web application:

ftp://ftp.cpc.ncep.noaa.gov/cadb_v2/timeseries_screenshots/

For more information, please contact:

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National Service Change Notices are online at:

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

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