Subject: Additions and changes to the station time series BUFR station lists for the NAM, GFS, RAP, HRRR, SREF and HIRESW: Effective February 25, 2020

Effective on or about Tuesday, February 25, 2020, beginning with the 1200 Coordinated Universal Time (UTC) model cycle, the National Centers for Environmental Prediction (NCEP) will modify the list of stations for which station time series Binary Universal Form for the Representation of meteorological data (BUFR) data are generated for the North American Mesoscale (NAM) model, the Global Forecast System (GFS), the Short-Range Ensemble Forecast System (SREF), the Rapid Refresh (RAP) model, the High-Resolution Rapid Refresh (HRRR) model, and the High-Resolution Window (HIRESW) models.

Summary:
- The new stations are listed in Table 1 below.
- Stations for which information is being changed are listed below.
- No stations are being removed.
- There will be no accompanying NOAAPort changes to the lists of stations in the NAM or GFS model BUFR sounding collectives.

The high-resolution NAM nests use the same station list as the parent 12 km NAM, so any changes to the list involving locations within a particular nest impact that nest's BUFR output as well. All of the new and modified sites are in the CONUS nest; no other nests have any changes. Similarly, there are no changes to the HRRR-Alaska output.

Table 1: New Sites in the Station Lists. The numerical and character identifications are provided:

<table>
<thead>
<tr>
<th>Number</th>
<th>ID</th>
<th>Station Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>000511</td>
<td>KEYX</td>
<td>Boron (NEXRAD) CA</td>
</tr>
<tr>
<td>000512</td>
<td>KHSR</td>
<td>Hot Springs Airport SD</td>
</tr>
<tr>
<td>000513</td>
<td>FTMS</td>
<td>Fort Meade SD</td>
</tr>
<tr>
<td>000514</td>
<td>3CK</td>
<td>Lake in the Hills Airport IL</td>
</tr>
<tr>
<td>000515</td>
<td>PAXT</td>
<td>Paxton IL</td>
</tr>
<tr>
<td>000516</td>
<td>CHTS</td>
<td>Cooper River CHS SC</td>
</tr>
</tbody>
</table>
Changes being made to the station lists that involve existing sites. The numerical and character identifications are provided:

- Location of station 238 (EMF, El Mirage, CA) is corrected from 34.37N, 117.36W to 34.63N, 117.61W.
- Character identifier for station 357 (Heber Valley Municipal Airport, UT) is changed from K36U to KHCR.
- Location of station 506 (KXSA, Tappahannock, VA) is corrected from 37.86N, 78.89W to 37.86N, 76.89W.

Questions or comments concerning this implementation should be directed to:

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National Service Change Notices are online at:

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

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