Service Change Notice 23-87
National Weather Service Headquarters Silver Spring MD
1250 PM EDT Tue Aug 1 2023

To: Subscribers:
- NOAA Weather Wire Service
- Emergency Managers Weather Information Network
- NOAAPort
Other NWS Partners, Users and Employees

From: Stephen W. Bieda III, Ph.D., Chief
Severe, Fire, Public and Winter Weather Services Branch

Subject: Corrections to Public and Fire Weather Forecast Zones for WFO Riverton, WY: Effective September 19, 2023

Effective Tuesday, September 19, 2023, at 03:00 PM Mountain Daylight Time (MDT), 2100 Coordinated Universal Time (UTC), the NWS Weather Forecast Office in Riverton, WY (RIW) will change Public and Fire Weather Forecast Zone names within the Bighorn Basin in north-central Wyoming. After this change, all forecasts and related products will use the zone numbers and names shown in Table 2 below.

If September 19, 2023 is declared a Critical Weather Day, this implementation will be postponed to September 21, 2023 at 2100 UTC.

These changes will correct misspellings in the zone names when referenced as physical entities.

Three public zones and two fire weather zones will be changed to correct the spelling. The new zone names are listed in Table 2.

Table 1. Universal Geographic Codes (UGCs): Current Public and Fire Weather Forecast Zone Names
----------------------------------
WYZ004: North Big Horn Basin
WYZ005: Southwest Big Horn Basin
WYZ006: Southeast Big Horn Basin
WYZ275: North Big Horn Basin/Worland BLM
WYZ282: South Big Horn Basin/Worland BLM

Table 2. UGC: New Public and Fire Weather Forecast Zone Names
----------------------------------
WYZ004: North Bighorn Basin
WYZ005: Southwest Bighorn Basin
WYZ006: Southeast Bighorn Basin
WYZ275: North Bighorn Basin/Worland BLM
WYZ282: South Bighorn Basin/Worland BLM
Table 3. NWS Products Affected by the WFO Riverton, WY Public and Fire Weather Forecast Zone Changes

<table>
<thead>
<tr>
<th>Product Name</th>
<th>WMO Heading</th>
<th>AWIPS ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Quality Alert</td>
<td>AEUS75 KRIW</td>
<td>AQARIW</td>
</tr>
<tr>
<td>Area Forecast Matrices</td>
<td>FOUS55 KRIW</td>
<td>AFMRIW</td>
</tr>
<tr>
<td>Zone Forecast</td>
<td>FIPUS55 KRIW</td>
<td>ZFPRIW</td>
</tr>
<tr>
<td>Point Forecast Matrices</td>
<td>FOUS55 KRIW</td>
<td>PFMRIW</td>
</tr>
<tr>
<td>Recreational Forecast</td>
<td>SXUS45 KRIW</td>
<td>RECRIW</td>
</tr>
<tr>
<td>Tabular State Forecast</td>
<td>FPUS65 KRIW</td>
<td>SFPRIW</td>
</tr>
<tr>
<td>Area Forecast Discussion</td>
<td>FXUS65 KRIW</td>
<td>AFDRIW</td>
</tr>
<tr>
<td>Hazardous Weather Outlook</td>
<td>FLUS45 KRIW</td>
<td>HWORIW</td>
</tr>
<tr>
<td>Short Term Forecast</td>
<td>FPUS75 KRIW</td>
<td>NOWRIW</td>
</tr>
<tr>
<td>Special Weather Statement</td>
<td>WWUS85 KRIW</td>
<td>SPSRIW</td>
</tr>
<tr>
<td>Public Information Statement</td>
<td>NOUS45 KRIW</td>
<td>PNSRIW</td>
</tr>
<tr>
<td>Non-Precipitation Watch/Warning/Advisory</td>
<td>WWUS75 KRIW</td>
<td>NPWRIW</td>
</tr>
<tr>
<td>Fire Weather Forecast</td>
<td>FNUS55 KRIW</td>
<td>FWFRIW</td>
</tr>
<tr>
<td>Fire Weather Message</td>
<td>WWUS85 KRIW</td>
<td>RFWRIW</td>
</tr>
<tr>
<td>Fire Danger Statement</td>
<td>FNUS65 KRIW</td>
<td>RFDRIW</td>
</tr>
<tr>
<td>Flood Watch</td>
<td>WUSG65 KRIW</td>
<td>FFARIW</td>
</tr>
<tr>
<td>Hydrologic Outlook</td>
<td>FGUS75 KRIW</td>
<td>ESFRIW</td>
</tr>
<tr>
<td>Winter Weather Message</td>
<td>WWUS45 KRIW</td>
<td>WSWRIW</td>
</tr>
</tbody>
</table>

NWS partners and users will need to make necessary changes to their communications systems to accommodate these weather forecast zone changes.

Preliminary shapefiles for public and fire weather forecast zones are available online at:
https://www.weather.gov/gis/PublicZones
https://www.weather.gov/gis/FireZones
https://www.weather.gov/gis/Counties

For more information, please contact:

Brett McDonald
Science and Operations Officer
NWS Riverton, WY
brett.mcdonald@noaa.gov
307-857-3898

or

Lance VandenBoogart
Warning Coordination Meteorologist
NWS Riverton, WY
lance.vandenboogart@noaa.gov
307-857-3898

National Service Change Notices are online at:
https://www.weather.gov/notification/

NNNN