

NOUS41 KWBC 171825  
PNSWSH

Service Change Notice 21-31  
National Weather Service Headquarters Silver Spring MD  
225 PM EDT Wed Mar 17 2021

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

From:       Michelle Hawkins, Chief  
              Severe, Fire, Public, and Winter Weather Services  
              Branch

Subject:     Addition of Air Quality Alerts for Smoke for North  
              Central and Southwest Wyoming effective May 4, 2021

Effective on or about Tuesday, May 4, 2021, the NWS Weather Forecast Offices (WFO) in Billings, MT, and Salt Lake City, UT, will have the capability to issue Air Quality Alerts for smoke for north central Wyoming (Sheridan County) and southwest Wyoming (Uinta County), respectively. This addition will not involve changes to World Meteorological Organization Headers or Advanced Weather Interactive Processing System IDs.

Table 1: NWS Products Affected by These Additions

AWIPS ID	WMO Heading	Product Name
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AQABYZ	AEUS75 KBYZ	Air Quality Alert
AQASLC	AEUS75 KSLC	Air Quality Alert

The WFOs in Billings and Salt Lake City will issue the Air Quality Alerts on behalf of the Wyoming Health Department and the Wyoming Department of Environmental Quality Air Quality Division (AQD) when moderate to heavy smoke conditions are occurring in north central and southwest Wyoming. The AQD will request this product when heavy smoke is forecast, monitors reach 25 ug/m3 hourly concentrations of Particulate Matter (PM2.5), or localized on-the-ground smoke is observed. An example of the Air Quality Alert can be found at the following URLs:

<https://www.weather.gov/byz/NWSBillingsAirQualityServiceChangeNotice>

<http://weather.gov/slc/NWSSLCAirQualityServiceChangeNotice>

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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