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Service Change Notice 24-55
National Weather Service Headquarters Silver Spring MD
1200 PM EDT Wed May 22 2024

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

FROM: Ben Kyger
 Director, NCEP Central Operations (NCO)

SUBJECT: Upgrade NWS API Website Forecast and Alerts Endpoints,
 Effective June 20th, 2024

On or about June 20th, 2024 at 1400 Universal Coordinated Time (UTC), the National Weather Service API Application Programming Interface (Website) will be upgraded to version 1.13. With this upgrade comes the following user-impactful changes:

1. Removal of the following parameters from the /gridpoint/<wfo>/<x>,<y>/forecast endpoint:
updated, Relative Humidity, and Dewpoint

Example: <https://api.weather.gov/gridpoints/EAX/45,35/forecast>

- A) Users who are using the "updated" parameter in their parsing of the data can use the "updateTime" field which shows the same time.
 - B) The Relative Humidity and Dewpoint values are being removed as they are not consistent with the 12 hour periods as currently presented. These parameters will still be available on the /gridpoint/<wfo>/<x>,<y> and /gridpoint/<wfo>/<x>,<y>/forecast/hourly endpoints.
2. Requests to the alerts endpoint with the active and zone parameters will be redirected to the discrete endpoint.

Example:
<https://api.weather.gov/alerts?active=true&zone=WYZ118>

Will be redirected to:

<https://api.weather.gov/alerts/active/zone/WYZ118>

Additionally, users are advised that the active parameter on the /alerts endpoint is deprecated and is subject to removal in a future update of the API. The /alerts/active endpoint should be used as the replacement.

3. Resolution of WFO Anchorage (AFC) errors on the points and gridpoints

endpoints.

Examples of endpoints that are being resolved:

<https://api.weather.gov/points/61.2175,-149.8583>

This will now return values for forecast, forecastHourly, forecastGridData, and observations.

<https://api.weather.gov/gridpoints/AER/126,236/forecast>

and

<https://api.weather.gov/gridpoints/AER/126,236/forecast/hourly>

also will return data.

For operational issues on the API Website, please contact:

NCEP Central Operations

Tech Control

nco.ops@noaa.gov

For technical questions regarding this notification, please contact:

Anne Myckow

Software Development Branch

NWS Office of Dissemination

sdb.support@noaa.gov

National Service Change Notices are online at:

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

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