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From: Ben Kyger, Director
NCEP Central Operations

Subject: Update: Upgrade Weather.gov API Services
Effective date: June 17, 2020

Updated to change the implementation date of all the features and fixes from TBD to June 17, 2020, and to add a disclaimer for a known issue to forecast data.

Effective on or about June 17, 2020, beginning at 1600 Coordinated Universal Time (UTC), the National Centers for Environmental Prediction (NCEP) Central Operations (NCO) Integrated Dissemination Program (IDP) will provide enhancements and bug fixes for API services.

With this version upgrade, the gridpoints endpoint will now return a 404 error code for marine points. The error message returned will be “Point forecasts for marine areas are not yet supported by this API.” This is done to better communicate to users of the API application that marine forecasts are not yet supported by the API.

The following new features will be added:

Endpoint Updates and additions
- The "observationStations" property is missing from zone endpoints:
  https://api.weather.gov/zones/forecast/ID
  Where ID matches a valid zone

- Add conditional request support to gridpoint data endpoints

- Add conditional request support to single zone endpoint
  Example: https://api.weather.gov/gridpoints/EAX/40,48
  https://api.weather.gov/gridpoints/EAX/40,58/forecast

- API alerts endpoint will now include CAP polygon nodes in ATOM feed.

The following endpoint bug fixes will be made:
- Removing “500 error” if one or more alert products is malformed
- snow_sleet description incorrect on icons endpoint:
From: snow_sleet:{description: “Rain/sleet”}
To: snow_sleet:{description:“Snow/sleet”}

- Change name of Geoserver radar layer:
  From: nws:wsr_88d
  To: nws:radar_sites

Completed on January 7, 2020, at 1600 Coordinated Universal Time (UTC), the National Centers for Environmental Prediction (NCEP) Central Operations (NCO) Integrated Dissemination Program (IDP) updated the API endpoints to react to **SCN 18-64: Lake Michigan transfer from WFO Chicago to WFO Milwaukee**:
  From: KLOT
  To: KMKX

If you have any questions or concerns about the data or services, please contact:
  IDP Onboarding Team
  NCEP Central Operations
  idp-support@noaa.gov
  or
  Carissa Klemmer, Chief
  NCO Implementation and Data Services Branch
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NWS Service Change Notices are online at:

[https://www.weather.gov/notification/](https://www.weather.gov/notification/)

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