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Public Information Statement 20-85  
National Weather Service Headquarters Silver Spring MD  
410 PM EST Wed Nov 18 2020

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

FROM:         Brian Gross  
              Acting Director  
              National Centers for Environmental Prediction

SUBJECT:      Seeking Comments on Proposed Changes to  
              User Access of NCEP Web Services  
              through December 18, 2020

The NWS National Centers for Environmental Prediction (NCEP) is seeking public comments through December 18, 2020, on the management of user access of the NCEP Web Services.

As demand for data continues to grow across NCEP websites, we are proposing to put new limits into place to safeguard our web services. The frequency of how often these websites are accessed by the public has created limitations and infrastructure constraints. To add new or upgraded streams of data, there has to be a reduction in the number of connections into our system. The mitigation will reduce the strain on our infrastructure, ensuring a more robust level of service for all users.

For example, a possible mitigation would lower the limit of the number of connections to 60 per minute for a given user accessing any of the websites below. This would be a cumulative limit for any type of data request across any website. A "head" request will count towards the limit the same as a "get" request.

Websites affected, both ftp and https, would include:  
  nomads.ncep.noaa.gov  
  ftp.ncep.noaa.gov  
  www.ftp.ncep.noaa.gov  
  ftpprd.ncep.noaa.gov  
  mag.ncep.noaa.gov

tgftp.nws.noaa.gov  
aviationweather.gov  
weather.gov  
alerts.weather.gov  
w1.weather.gov  
w2.weather.gov/climate  
w2.weather.gov/dmawds  
airquality.weather.gov  
graphical.weather.gov  
digital.weather.gov  
ra4-gifs.weather.gov  
hamradio.noaa.gov  
weather.gov/spot  
water.weather.gov  
marine.weather.gov  
forecast.weather.gov  
mobile.weather.gov  
ocean.weather.gov  
radar.weather.gov  
api.weather.gov  
tsunami.gov  
madis.ncep.noaa.gov  
madis-data.ncep.noaa.gov  
hads.ncep.noaa.gov  
amdar.ncep.noaa.gov  
mrms.ncep.noaa.gov/data  
water.noaa.gov  
inws.ncep.noaa.gov  
iris.ncep.noaa.gov  
nowcoast.ncep.noaa.gov  
idpgis.ncep.noaa.gov  
Gisc-washington.ncep.noaa.gov  
cts.ncep.noaa.gov  
charts.noaa.gov  
tileservice.charts.noaa.gov  
Radar2pub.ncep.noaa.gov  
Radar3pub.ncep.noaa.gov  
Ocean.ncep.noaa.gov  
www.cpc.ncep.noaa.gov  
vlab.ncep.noaa.gov  
emc.ncep.noaa.gov  
polar.ncep.noaa.gov  
hysplit.ncep.noaa.gov  
ctbto.ncep.noaa.gov  
www.ncep.noaa.gov  
www.nco.ncep.noaa.gov  
www.lib.ncep.noaa.gov

mageval.ncep.noaa.gov

This list is not all inclusive. Any direct URLs such as "origin," or any non-operational URLs such as "dev," "qa," or "preview" will also be impacted.

NCEP will be holding a virtual public forum to discuss this and other mitigation options on December 8, 2020, at 2 pm EST.

Please register for the meeting at:

<https://register.gotowebinar.com/register/6331491940012140301>

Please send questions and comments regarding this mitigation plan to:

NCO Implementation and Data Services Branch

Carissa Klemmer, Chief

[mdp.feedback@noaa.gov](mailto:mdp.feedback@noaa.gov)

We will review any feedback we receive, and will notify users via a Service Change Notice (SCN) of any operational changes.

National Weather Public Information Statements are online at:

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

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