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PNSWSH

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From: Judy Ghirardelli
 NWS Office of Science and Technology Integration
 Meteorological Development Laboratory

Subject: Soliciting Comments on the Proposed Transition of LAMP and GLMP
Products from TGFTP to NCEP Web Services through December 10, 2020

The Meteorological Development Laboratory (MDL) is proposing to transition Localized Aviation Model Output Statistics (MOS) Program (LAMP) and Gridded LAMP (GLMP) products residing on TGFTP to National Centers for Environmental Prediction (NCEP) web services (FTP/PRD/NOAA Operational Model Archive and Distribution System (NOMADS)) effective on or about January 12, 2021. The NWS is seeking public comments on this proposed change through December 10, 2020. If approved, NCEP will send a Service Change Notice (SCN) at least 30 days before the change date with more detailed information.

NWS is proposing to remove the following LAMP and GLMP products from TGFTP beginning on the change date:

1) LAV text bulletins for 1-25 hours located at:

<https://tgftp.nws.noaa.gov/SL.us008001/DF.anf/DC.lampgfs/>

with filename cy.HH.txt, where HH is the LAMP cycle.

The LAV text bulletins are already available on NCEP web services at:

<https://ftp.ncep.noaa.gov/data/nccf/com/lmp/prod/>
<https://nomads.ncep.noaa.gov/pub/data/nccf/com/lmp/prod/>

under directory lmp.YYYYMMDD where YYYYMMDD is the 8-digit date, with filename lmp_lavtxt.tHH30z, where HH is the 2-digit LAMP cycle.

2) LAMP Binary Universal Form for the Representation of meteorological data (BUFR) messages for 1-25 hours located at:

<https://tgftp.nws.noaa.gov/SL.us008001/DF.bf/DC.lampgfs/>

with filename cy.HH.bin, where HH is the 2-digit LAMP cycle.

3) GLMP gridded observations for the continental United States (CONUS) in gridded binary version two (GRIB2) format located at:

<https://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndgd/GT.glmp/AR.conus/>

under directory RT.HH, where HH is the 2-digit LAMP cycle, with filenames:

ds.cigh.bin
ds.sky.bin
ds.td.bin
ds.temp.bin
ds.utd.bin
ds.utemp.bin
ds.vis.bin
ds.wdir.bin
ds.wgust.bin
ds.wspd.bin

4) GLMP forecasts for the CONUS in GRIB2 format located at:

<https://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndgd/GT.glmp/AR.conus/VP.001-003/>

with filenames:

ds.cigh.bin
ds.ocv01.bin
ds.ocv02.bin
ds.olt01.bin
ds.olt02.bin
ds.pcigh500.bin
ds.pcigh1000.bin
ds.pcigh3000.bin
ds.pcv01.bin
ds.pcv02.bin
ds.plt01.bin
ds.plt02.bin
ds.pvis1.bin
ds.pvis3.bin
ds.pvis5.bin
ds.sky.bin
ds.td.bin
ds.temp.bin
ds.vis.bin
ds.wdir.bin
ds.wgust.bin
ds.wspd.bin

The LAMP BUFR messages, GLMP gridded observations for CONUS, and GLMP forecasts for CONUS will instead be made available on NCEP web services (FTP/PRD/NOMADS) beginning on the change date. If this proposed change is approved, an SCN will be issued at least 30 days prior to the change date containing further details on the new location and filenames for these products on NCEP web services.

Additionally, beginning on the change date, the following GLMP products presently residing on NCEP web services will have a change in filename to indicate the coverage domain:

1) GLMP gridded observations of deterministic ceiling height and visibility on the full National Blend of Models (NBM) CONUS domain located at:

<https://ftp.ncep.noaa.gov/data/nccf/com/glmp/prod/>
<https://nomads.ncep.noaa.gov/pub/data/nccf/com/glmp/prod/>

under directory glmp.YYYYMMDD where YYYYMMDD is the 8-digit date.

Old filename: glmp.tHH30z.master.f000.grib2
New filename: glmp.tHH30z.master.f000.co.grib2

where HH is the 2-digit LAMP cycle and "co" indicates CONUS domain.

GLMP gridded observations of deterministic sky cover on the full NBM CONUS domain will be added to the above GRIB2 files on the change date.

2) GLMP forecasts of deterministic and probabilistic ceiling height and visibility on the full NBM CONUS domain located at:

<https://ftp.ncep.noaa.gov/data/nccf/com/glmp/prod/>
<https://nomads.ncep.noaa.gov/pub/data/nccf/com/glmp/prod/>

under directory glmp.YYYYMMDD where YYYYMMDD is the 8-digit date.

Old filename: glmp.tHH30z.master.fHHH.grib2
New filename: glmp.tHH30z.master.fHHH.co.grib2

where HH is the 2-digit LAMP cycle, HHH is the 3-digit forecast projection (001-038) and "co" indicates CONUS domain.

GLMP gridded forecasts of deterministic sky cover on the full NBM CONUS domain will be added to the above GRIB2 files on the change date.

The NWS will evaluate all comments on this proposed change to determine whether to proceed. Please send questions, comments or requests regarding this change to the MDL contact below:

Judy Ghirardelli
NWS/MDL/Silver Spring, MD
judy.ghirardelli@noaa.gov
301-427-9496

Links to LAMP products and descriptions are online at:

http://www.weather.gov/mdl/lamp_home

National Public Information Statements are online at:

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

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