

NOUS41 KWBC 091425
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-82
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1025 AM EDT THU OCT 9 2008

TO: SUBSCRIBERS:
-FAMILY OF SERVICES
-NOAA WEATHER WIRE SERVICE
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK
-NOAAPORT
OTHER NWS PARTNERS...USERS AND EMPLOYEES

FROM: JASON TUELL
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY

SUBJECT: ADDITION OF NEW CYCLES FOR GFS-BASED LAMP GUIDANCE: EFFECTIVE
NOVEMBER 12 2008

EFFECTIVE WEDNESDAY NOVEMBER 12 2008...BEGINNING WITH THE 1400 COORDINATED
UNIVERSAL TIME /UTC/ RUN...THE NWS WILL PRODUCE FOUR ADDITIONAL CYCLES OF
THE SHORT RANGE /1-25 HOUR/ GFS-BASED LAMP GUIDANCE. THESE CYCLES WILL BE
DISSEMINATED ON THE SATELLITE BROADCAST NETWORK /SBN/...NOAAPORT AND THE
NWS FILE TRANSFER PROTOCOL /FTP/ SERVER. THE FOUR NEW LAMP CYCLES ARE
0200...0800...1400 AND 2000 UTC.

THIS IS IN ADDITION TO THE 20 EXISTING LAMP CYCLES OF
0000...0100...0300...0400...0500...0600...0700...0900...1000...1100...1200
...1300...1500...1600...1700...1800...1900...2100...2200 AND 2300 UTC.
THIS BRINGS THE TOTAL NUMBER OF OPERATIONAL LAMP CYCLES UP TO 24...WITH
LAMP PRODUCING GUIDANCE EVERY HOUR OF THE DAY. THESE GUIDANCE PRODUCTS
WILL BE IN BINARY UNIVERSAL FORM FOR THE REPRESENTATION OF METEOROLOGICAL
DATA /BUFR/...AMERICAN STANDARD CODE FOR INFORMATION INTERCHANGE /ASCII/
AND GRIDDED BINARY VERSION TWO /GRIB2/ FORMAT. THE COMMUNICATION
IDENTIFIERS FOR THE BUFR...ASCII AND GRIB2 PRODUCTS ARE SHOWN BELOW IN
TABLES 1...2 AND 3 RESPECTIVELY.

A WEBPAGE OUTLINING THE LAMP GUIDANCE CAN BE FOUND ONLINE AT /USE LOWER
CASE/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/GFSLAMP/DOCS/GFSLAMP INFO.SHTML](http://www.nws.noaa.gov/mdl/gfslamp/docs/gfslamp_info.shtml)

TABLE 1: COMMUNICATION IDENTIFIERS FOR THE GFS-BASED LAMP PRODUCTS IN BUFR FORMAT. LISTED BELOW ARE THE WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS:

WMO HEADING	REGION
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JSMF10 KWNO	LAMP BUFR PACIFIC REGION
JSMF11 KWNO	LAMP BUFR NORTHEAST REGION
JSMF12 KWNO	LAMP BUFR SOUTHEAST REGION
JSMF13 KWNO	LAMP BUFR NORTH CENTRAL REGION
JSMF14 KWNO	LAMP BUFR SOUTH CENTRAL REGION
JSMF15 KWNO	LAMP BUFR ROCKY MOUNTAINS REGION
JSMF16 KWNO	LAMP BUFR WEST COAST REGION
JSMF17 KWNO	LAMP BUFR ALASKA

TABLE 2: COMMUNICATION IDENTIFIER FOR THE GFS-BASED LAMP PRODUCTS IN ASCII FORMAT. LISTED BELOW IS THE WMO HEADING AND ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ IDENTIFIER:

WMO HEADING	AWIPS ID
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FOUS11 KWNO	LAVUSA

TABLE 3: COMMUNICATION IDENTIFIERS FOR THE GFS-BASED LAMP GRIDDED THUNDERSTORM PRODUCTS IN GRIB2 FORMAT. EACH GRIB2 PRODUCT HAS A UNIQUE WMO HEADING. LISTED BELOW ARE REPRESENTATIONS OF THE WMO HEADINGS.

WMO HEADING	ELEMENT
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LAUXXX KWNO	2-HOUR PROBABILITY OF THUNDERSTORMS
LBUXXX KWNO	2-HOUR CATEGORICAL FORECASTS OF THUNDERSTORMS OCCURRING

A COMPLETE LIST OF WMO HEADINGS FOR LAMP GRIDDED THUNDERSTORM GUIDANCE IS AVAILABLE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/GFSLAMP/DOCS/LAMPHEADERS.PDF](http://www.nws.noaa.gov/mdl/gfslamp/docs/lampheaders.pdf)

LINKS TO THE GFS-LAMP PRODUCTS...ALONG WITH DESCRIPTIONS...CAN BE FOUND AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/LAMP](http://www.nws.noaa.gov/mdl/lamp)

FOR QUESTIONS ABOUT THESE PRODUCTS OR THE LAMP GUIDANCE...PLEASE CONTACT:

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NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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