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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-44
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1035 AM EDT WED MAY 21 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
JUNE 24 2008

EFFECTIVE TUESDAY JUNE 24 2008...BEGINNING WITH THE 1600 COORDINATED
UNIVERSAL TIME /UTC/ RUN...THE NWS WILL PRODUCE FOUR ADDITIONAL CYCLES OF
THE NEW SHORT RANGE /1 - 25 HOUR/ GFS-BASED LOCALIZED AVIATION MODEL
OUTPUT STATISTICS /MOS/ PROGRAM /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
1600...1700...2200 AND 2300 UTC.

THIS IS IN ADDITION TO THE 16 EXISTING LAMP CYCLES OF
0000...0100...0300...0400...0500...0600...0700...0900...1000...1100...1200
...1300...1500...1800...1900 AND 2100 UTC. THIS BRINGS THE TOTAL NUMBER
OF OPERATIONAL LAMP CYCLES UP TO 20. ADDITIONAL CYCLES...FOR A TOTAL OF
24 CYCLES...WILL BE ADDED AT A LATER DATE. 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...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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