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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-48  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
246 PM EDT THU JUL 12 2007

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA WEATHER  
WIRE SERVICE /NWWS/ SUBSCRIBERS...EMERGENCY MANAGERS  
WEATHER INFORMATION NETWORK /EMWIN/ SUBSCRIBERS...  
NOAAPORT SUBSCRIBERS...OTHER NATIONAL WEATHER SERVICE  
/NWS/ CUSTOMERS AND PARTNERS...NWS EMPLOYEES

FROM: PAUL HIRSCHBERG  
CHIEF...SCIENCE PLANS BRANCH  
OFFICE OF SCIENCE AND TECHNOLOGY /OST/

SUBJECT: ADDITION OF NEW CYCLES FOR GFS-BASED LAMP GUIDANCE:  
EFFECTIVE SEPTEMBER 26 2007

ATTENTION USERS OF THE GLOBAL FORECAST SYSTEM /GFS/-BASED  
LOCALIZED AVIATION MOS PROGRAM /LAMP/ GUIDANCE:

EFFECTIVE WEDNESDAY SEPTEMBER 26 2007 BEGINNING WITH THE 0400  
COORDINATED UNIVERSAL TIME /UTC/ RUN...THE NWS WILL PRODUCE FOUR  
ADDITIONAL CYCLES OF THE NEW SHORT RANGE /1 - 25 HOUR/ GFS-BASED  
LAMP GUIDANCE AND DISSEMINATE THEM ON THE SATELLITE BROADCAST  
NETWORK /SBN/...NOAAPORT AND THE NWS FTP SERVER. THE FOUR NEW  
LAMP CYCLES ARE 0400...0500...1000...AND 1100 UTC.

THIS IS IN ADDITION TO THE EIGHT EXISTING LAMP CYCLES OF  
0000...0300...0600...0900...1200...1500...1800 AND 2100 UTC...AND  
BRINGS THE TOTAL NUMBER OF OPERATIONAL LAMP CYCLES UP TO 12.  
ADDITIONAL CYCLES...FOR A TOTAL OF 24 CYCLES...WILL BE ADDED AT A  
LATER DATE. THESE GUIDANCE PRODUCTS WILL BE IN BUFR...ASCII AND  
GRIB2 FORMAT. THE COMMUNICATION IDENTIFIERS FOR THE BUFR...ASCII  
AND GRIB2 PRODUCTS ARE SHOWN BELOW IN TABLES 1...2 AND 3  
RESPECTIVELY.

A WEB PAGE OUTLINING THE LAMP GUIDANCE CAN BE FOUND ONLINE AT  
/USE LOWER CASE LETTERS/:

[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 WMO HEADINGS:

WMO HEADING REGION

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 AWIPS IDENTIFIER:

WMO HEADING AWIPS ID

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

LAUXXX KWNO 2-HR PROBABILITY OF THUNDERSTORMS  
LBUXXX KWNO 2-HR CATEGORICAL FORECASTS OF THUNDERSTORMS  
OCCURRING

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

[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 LETTERS/:

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

IF YOU HAVE QUESTIONS ABOUT THESE PRODUCTS OR THE LAMP GUIDANCE...PLEASE CONTACT:

JUDY GHIRARDELLI  
MDL/SILVER SPRING MARYLAND  
PHONE: 301-713-0056 EXT. 194  
E-MAIL: JUDY.GHIRARDELLI@NOAA.GOV

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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