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TECHNICAL IMPLEMENTATION NOTICE 07-13
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
805 AM EST THU FEB 22 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 AND STATIONS FOR GFS-BASED LAMP
GUIDANCE: EFFECTIVE MAY 8 2007

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

EFFECTIVE TUESDAY MAY 8 2007 BEGINNING WITH THE 1200 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 IT ON THE SATELLITE BROADCAST NETWORK
/SBN/...NOAAPORT AND THE NWS FTP SERVER. THE FOUR NEW LAMP
CYCLES ARE 0000 UTC...0600 UTC...1200 UTC and 1800 UTC.

THIS IS IN ADDITION TO THE FOUR EXISTING LAMP CYCLES OF
0300...0900...1500 and 2100 UTC...AND BRINGS THE TOTAL NUMBER OF
OPERATIONAL LAMP CYCLES UP TO EIGHT. 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.

IN ADDITION 69 NEW STATIONS WILL BE ADDED TO THE GFS LAMP PRODUCT
FOR ONLY THE NEW CYCLES. INITIALLY THESE NEW STATIONS WILL NOT
HAVE GUIDANCE FOR ALL ELEMENTS. ELEMENTS WILL BE ADDED IN THE
FUTURE AS THEY BECOME AVAILABLE.

USERS CAN FIND A LIST OF THE NEW STATIONS BEING ADDED AT /USE
LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/MDL/GFSLAMP/DOCS/NEWSITES_052007.SHTML](http://www.nws.noaa.gov/mdl/gfslamp/docs/newsites_052007.shtml)

TABLE 1: COMMUNICATION IDENTIFIERS FOR THE GFS-BASED LAMP
PRODUCTS IN BUFR FORMAT. LISTED BELOW ARE THE WMO HEADERS:

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 HEADER 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 HEADER. LISTED BELOW ARE REPRESENTATIONS OF THE WMO HEADERS.

WMO HEADING ELEMENT

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

A COMPLETE LIST OF WMO HEADERS 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)

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)

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

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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)

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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