

NOUS41 KWBC 221540
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 05-76
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1040 AM EST TUE NOV 22 2005

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA WEATHER
WIRE SERVICE /NWS/ SUBSCRIBERS...EMERGENCY MANAGERS
WEATHER INFORMATION NETWORK /EMWIN/ 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: EXTENSION OF NCEP NAM MODEL BUFR SOUNDING OUTPUT TO
84 HOURS: EFFECTIVE FEBRUARY 14 2006

EFFECTIVE FEBRUARY 14 2006...BEGINNING WITH THE 1200 COORDINATED
UNIVERSAL TIME /UTC/ RUN...THE NATIONAL CENTERS FOR ENVIRONMENTAL
PREDICTION /NCEP/ WILL EXTEND THE FORECAST LENGTH OF THE NORTH
AMERICAN MESOSCALE /NAM/ MODEL BINARY UNIVERSAL FORM FOR THE
REPRESENTATION OF METEOROLOGICAL DATA /BUFR/ SOUNDINGS TO 84
HOURS. CURRENTLY THE NAM BUFR SOUNDINGS HAVE A FORECAST LENGTH
OF 60 HOURS AT 00 AND 12 UTC...AND 48 HOURS AT 06 AND 18 UTC.
WITH THIS CHANGE... ALL FOUR MODEL CYCLES OF BUFR OUTPUT WILL
HAVE A FORECAST LENGTH OF 84 HOURS.

THIS CHANGE WILL AFFECT PRODUCTS WITH THE FOLLOWING WMO PRODUCT
HEADINGS:

JUSA41 KWNO
JUSA42 KWNO
JUSB43 KWNO
JUSB44 KWNO
JUSB45 KWNO
JUSB46 KWNO
JUSX47 KWNO
JUSX49 KWNO

THE SIZE OF THE INDIVIDUAL BUFR MESSAGES WILL INCREASE BY 40
PERCENT AT 00 AND 12 UTC AND BY 75 PERCENT AT 06 AND 18 UTC.

IF YOU HAVE ANY QUESTIONS CONCERNING THESE CHANGES...PLEASE
CONTACT:

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OR

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OR

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THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE
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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