

NOUS41 KWBC 301910
PNSWSH

PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 03-03
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
210 PM EST THU JAN 30 2003

TO: FEDERAL AVIATION ADMINISTRATION /FAA/ CUSTOMERS
FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS
OTHER CUSTOMERS OF NWS AVIATION DATA AND FORECASTS
NWS EMPLOYEES

FROM: MARK ANDREWS
CHIEF...AVIATION SERVICES BRANCH

SUBJECT: CHANGE IN THE NATIONAL CONVECTIVE WEATHER FORECAST PRODUCT:
EFFECTIVE FEBRUARY 27 2003

NOTE: THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER WIRE SERVICE
SUBSCRIBERS.

EFFECTIVE THURSDAY FEBRUARY 27 2003 AT 1800 COORDINATED UNIVERSAL TIME
/UTC/...THE NWS AVIATION WEATHER CENTER IN KANSAS CITY MISSOURI WILL
IMPLEMENT FORMAT CHANGES TO THE GRIDDED BINARY /GRIB/ PORTION OF THE
NATIONAL CONVECTIVE WEATHER FORECAST /NCWF/. THESE CHANGES WILL ELIMINATE
POSSIBLE TRUNCATION ERRORS OCCURRING WITH THE NCWF DETECTION PRODUCT.

THE WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADING OF THE PRODUCT
IMPACTED BY THIS CHANGE IS ZDIZ98 KKCI.

USERS SHOULD REFER TO THE NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION
/NCEP/ OFFICE NOTE 388...TABLE D...LOCATED ONLINE AT /USE LOWER CASE/:

WWW.NCO.NCEP.NOAA.GOV/PMB/DOCS/ON388/TABLED.HTML

NOTE: IF YOU DO NOT CURRENTLY USE THE VALUES CONTAINED IN EITHER OCTETS 17
OR 24-27...THESE CHANGES WILL HAVE NO IMPACT ON YOUR PROCESSING OF THIS
GRIB DATA.

SUMMARY OF CHANGES:

- OCTET 17...OLD VALUE WAS 136...INDICATING THAT DIRECTION INCREMENTS ARE GIVEN. THE NEW VALUE IS 8...INDICATING THAT DIRECTION INCREMENTS ARE NOT GIVEN.
- OCTETS 24-25...OLD VALUES WERE 0 AND 36...INDICATING THAT THE INCREMENT OF LONGITUDE WAS EQUAL TO 0.036. THE NEW VALUES ARE 255 AND 255...INDICATING THAT THE INCREMENT IS NOW MISSING AND NOT USED.

- OCTET 26-27...OLD VALUES WERE 0 AND 38...INDICATING THAT THE INCREMENT OF LATITUDE WAS EQUAL TO 0.038. THE NEW VALUES ARE 255 AND 255...INDICATING THAT THE INCREMENT IS NOW MISSING AND NOT USED.

YOU MAY CHECK THE ACCURACY OF YOUR PLOTTED GRIB DATA BY COMPARING IT THE DATA PLOTTED ON THE INTERNET AT /USE LOWER CASE/:

[HTTP://CDM.AVIATIONWEATHER.GOV/NCWF/](http://CDM.AVIATIONWEATHER.GOV/NCWF/)

IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS CHANGE...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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