

NOUS41 KWBC 271705
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-64
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
105 PM EDT WED SEP 27 2006

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

FROM: MIKE CAMPBELL
CHIEF...OBSERVING SERVICES DIVISION
OFFICE OF CLIMATE...WATER AND WEATHER SERVICES

SUBJECT: NORMAN OKLAHOMA ELEVATED TO THE 2006 SCHEDULE OF SITES TO
IMPLEMENT THE RADIOSONDE REPLACEMENT SYSTEM /RRS/

REFER TO: [TECHNICAL IMPLEMENTATION NOTICE /TIN/ 06-52](#)...TRANSMITTED AUGUST
2 2006.

THE NWS WILL TERMINATE UPPER AIR /UA/ OBSERVATIONS FROM AUTOMATED
RADIOTHEODOLITE TRACKING AND RADIO DIRECTION FINDING RADIOSONDES AT NORMAN
OKLAHOMA ON OR ABOUT NOVEMBER 6 2006.

THE NORMAN UA SITE WILL RELOCATE FOUR MILES TO THE NATIONAL WEATHER CENTER
/NWC/ EFFECTIVE AT THE START OF RRS OPERATIONS ON OR ABOUT NOVEMBER 6
2006. THERE WILL BE NO CHANGE TO THE 72357 IDENTIFIER.

COORDINATES OF THE NEW UA RELEASE POINT LOCATION:

NAME	SITE	LATITUDE	LONGITUDE	ELEVATION
----	----	-----	-----	-----
NORMAN	72357	35.18109 N	97.43796 W	345.2 M

PLEASE UPDATE YOUR METADATA FILES FOR THESE NEW COORDINATES SO YOUR UA
DERIVED PRODUCTS WILL NOT GIVE ERRONEOUS INFORMATION.

AS WITH ALL SITES THAT PHASE OVER TO RRS OPERATION... THE UA CODED
MESSAGES WILL BE SIGNIFICANTLY LONGER. NWS HAS COORDINATED WITH ITS
PARTNERS ON THE LONGER LENGTH OF RRS MESSAGES.

THE FORMAT OF THE MESSAGES WILL BE THE SAME WORLD METEOROLOGICAL
ORGANIZATION /WMO/ FORMAT FOR CODED UPPER AIR MESSAGES IN USE WITH THE
MICROART LEGACY SYSTEM. THE NUMBER OF LEVELS IN THE CODED MESSAGES WILL
BE TWO TO THREE TIMES GREATER FOR THE TTBB AND TTDD. AS A RESULT...TWO
CATEGORIES OF ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ TEXT
PRODUCTS WILL INCREASE IN SIZE: SGL AND ABV. THE NUMBER OF LEVELS IN THE
TTAA...TTCC...PPBB AND PPDD PARTS WILL BE RELATIVELY UNCHANGED. THESE
CHANGES REFLECT UPDATED CODING PRACTICES AND HIGHER RESOLUTION LEVEL
SELECTION CRITERIA. THE MAXIMUM SIZE LIMITS OF THE PARTS OF THE CODED

MESSAGES ARE AS FOLLOWS:

TTAA: 15 LEVELS
TTCC: 10 LEVELS
TTBB: 135 LEVELS
TTDD: 40 LEVELS
PPBB: 40 LEVELS
PPDD: 40 LEVELS

IN ADDITION...THE 31313 MESSAGE INDICATOR ASSOCIATED WITH VARIOUS PARTS OF THE MESSAGE WILL BE INCLUDED WITH EACH PART OF THE THERMODYNAMIC MESSAGE PARTS. FOR ADDITIONAL INFORMATION ON THE MESSAGE REQUIREMENTS...REFERENCE WMO 306...MANUAL ON CODES...INTERNATIONAL CODES...VOLUME 1.1 PART A-ALPHANUMERIC CODES AND WMO 306...MANUAL ON CODES...REGIONAL CODES AND NATIONAL CODING PRACTICES...VOLUME II. USERS CAN FIND INFORMATION ON THE LEVELS SELECTION CRITERIA USED IN NWS CODING SOFTWARE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.UA.NWS.NOAA.GOV](http://www.ua.nws.noaa.gov)

IF YOU HAVE QUESTIONS OR FEEDBACK...PLEASE CONTACT:

DOMINIC BOSCO
NATIONAL WEATHER SERVICE
SILVER SPRING MARYLAND
PHONE: 301-713-1841 EXT. 123
EMAIL: DOMINIC.BOSCO@NOAA.GOV

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

\$\$
NNNN