

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 /NWS/ SUBSCRIBERS...EMERGENCY MANAGERS  
WEATHER INFORMATION NETWORK /EMWIN/ SUBSCRIBERS...  
NOAAPORT SUBSCRIBERS...OTHER NATIONAL WEATHER SERVICE  
/NWS/ CUSTOMERS AND PARTNERS...NWS 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: 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 4 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	LAT	LON	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 WMO FORMAT FOR CODED  
UPPER AIR MESSAGES FROM 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 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 MORE 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 AT THE FOLLOWING SITE UNDER THE NWS RADIOSONDE REPLACEMENT SYSTEM /USE LOWERCASE LETTERS/.

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

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

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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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