

NOUS41 KWBC 231310
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-10
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
810 AM EST WED JAN 23 2007

TO: SUBSCRIBERS:
-FAMILY OF SERVICES
-NOAA WEATHER WIRE SERVICE
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK
-NOAAPORT
OTHER NWS USERS...PARTNERS AND EMPLOYEES

FROM: KEVIN SCHRAB
CHIEF...OBSERVING SERVICES DIVISION
OFFICE OF CLIMATE...WATER AND WEATHER SERVICES

SUBJECT: SECOND QUARTER FY08 SCHEDULE: RADIOSONDE REPLACEMENT SYSTEM /RRS/
IMPLEMENTATION WITH TERMINATION OF OPERATIONS OF RADIOTHEODOLITE TRACKING
/ART/ AND RADIO DIRECTION FINDING RADIOSONDES

THIS SECOND QUARTER FISCAL YEAR /FY/ 2008...NWS WILL TERMINATE UPPER AIR
OBSERVATIONS FROM RADIO DIRECTION FINDING RADIOSONDES AND AUTOMATED
RADIOTHEODOLITE TRACKING AT THE THREE SITES LISTED BELOW ON OR ABOUT THE
DATES INDICATED:

SITE ID	STATION NAME	OUTAGE DATE
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72233	SLIDELL LA	FEBRUARY 21 2008
72235	JACKSON MS	MARCH 6 2008
72340	LITTLE ROCK AR	MARCH 27 2008

NWS UPPER AIR OBSERVATIONS WILL RESUME APPROXIMATELY TWO WEEKS LATER. NWS
WILL USE THE RRS WITH GLOBAL POSITIONING SYSTEM /GPS/ RADIOSONDES. EACH
OF THESE SITES WILL BE OUT OF SERVICE FOR UP TO TWO WEEKS. WHEN
RESTORED...PARTS OF THE UPPER AIR CODED MESSAGES WILL BE SIGNIFICANTLY
LONGER.

NWS HAS COORDINATED WITH ITS PARTNERS ON THE LONGER LENGTH OF THESE
MESSAGES.

THE FORMAT OF THE MESSAGES WILL BE THE SAME 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 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 WORLD METEOROLOGICAL ORGANIZATION /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:

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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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