

NOUS41 KWBC 081940 CCA
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-16 CORRECTED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
240 PM EST THU MAR 8 2007

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

FROM: JIM O'SULLIVAN
ACTING CHIEF...OBSERVING SERVICES DIVISION
OFFICE OF CLIMATE...WATER AND WEATHER SERVICES

SUBJECT: CORRECTED: FY 2007 SCHEDULE OF RADIOSONDE REPLACEMENT SYSTEM
/RRS/ IMPLEMENTATION WITH TERMINATION OF OPERATIONS OF RADIOTHEODOLITE
TRACKING /ART/ AND RADIO DIRECTION FINDING RADIOSONDES

CORRECTED TO CHANGE SID NUMBER FOR TUCSON ARIZONA FROM 74389 TO 72274.

THIS FISCAL YEAR...NWS WILL TERMINATE UPPER AIR OBSERVATIONS FROM RADIO
DIRECTION FINDING RADIOSONDES AND AUTOMATED RADIOTHEODOLITE TRACKING AT 13
SITES LISTED BELOW ON OR ABOUT THE DATES INDICATED:

SITE ID	STATION NAME	OUTAGE DATE
72210	TAMPA BAY FL	MARCH 12 2007
72426	WILMINGTON OH	MARCH 26 2007
72202	MIAMI FL	APRIL 23 2007
72327	NASHVILLE TN	MAY 7 2007
72274	TUCSON AZ	MAY 22 2007
72582	ELKO NV	JUNE 4 2007
72694	SALEM OR	JUNE 18 2007
72768	GLASGOW MT	JULY 2 2007
74560	LINCOLN IL	JULY 16 2007
72440	SPRINGFIELD MO	JULY 30 2007
72634	GAYLORD MI	AUGUST 13 2007
72562	NORTH PLATTE NE	AUGUST 28 2007
72558	VALLEY NE	SEPTEMBER 8 2007

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 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 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:

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SILVER SPRING MARYLAND
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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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