

NOUS41 KWBC 201845 AAA
PNSWSH

PUBLIC INFORMATION STATEMENT AMENDED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
246 PM EDT TUE JUL 20 2010

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

FROM: RICHARD THOMAS
ACTING CHIEF... TEST AND EVALUATION BRANCH
OFFICE OF OPERATIONAL SYSTEMS

SUBJECT: SCHEDULED RADIOSONDE REPLACEMENT SYSTEM /RRS/
WORKSTATION SUBSYSTEM /RWS/ BUILD 2 FOLLOW ON
SYSTEM TEST SCHEDULED FOR AUGUST 2010 USING
TEST HEADERS

AS PART OF RWS BUILD 2 SOFTWARE UPGRADE FOLLOW ON
SYSTEM TEST... NWS WILL CONDUCT A DATA COMMUNICATIONS TEST
IN AUGUST 2010 USING TEST HEADERS.

THIS TEST WILL ORIGINATE FROM THE NWS STERLING FIELD
SUPPORT CENTER /SFSC/. THE TEST WILL CONSIST OF DAILY UPPER
AIR CODED MESSAGES TRANSMITTED DURING THE ASYNOPTIC AND NORMAL
SYNOPTIC TIMES FOR SOUNDINGS FROM 14Z TO 20Z... AND AS NECESSARY
... AND AS NECESSARY WHEN WEATHER CONDITIONS AND TEST
REQUIREMENTS WARRANT. THESE TEST MESSAGES WILL BE IN THE SAME
FORMAT AS OPERATIONAL MESSAGES BUT WILL HAVE DIFFERENT DATA
REFLECTING UPPER AIR CONDITIONS AND CODING PRACTICES AS
EXPLAINED BELOW.

TWO TEST HEADERS HAVE BEEN ESTABLISHED FOR THE TEST: KSTA
/STATION ID 69990/ AND KSTB /STATION ID 69991/ FOR THE STERLING
FIELD SUPPORT CENTER /SFSC/. THE KSTA AND KSTB TEST CODED
MESSAGE FORMAT WILL BE IN THE RRS FORMAT NOW IN SERVICE AT
OVER 60 UPPER AIR SITES. RRS FORMATTED PRODUCTS ARE A RESULT
OF CHANGES MADE TO THE WORLD METEOROLOGICAL ORGANIZATION /WMO/
LEVEL SELECTION CRITERIA AND UPDATED CODING PRACTICES. FOR
ADDITIONAL INFORMATION REGARDING THESE MESSAGES... PLEASE
REFERENCE THE MANUAL ON CODES WMO NO. 306 SECTION A.

WHEN THE INDIVIDUAL KSTA AND KSTB RRS PRODUCTS ARE RECEIVED BY
THE NWS TELECOMMUNICATIONS GATEWAY... THEY ARE PACKAGED WITH
OPERATIONAL UPPER AIR PRODUCTS INTO COLLECTIVE PRODUCTS
CONVERTED INTO BUFR FORM. THESE PRODUCTS ARE THEN BROADCAST
OVER NOAAPORT. THE INDIVIDUAL... COLLECTIVE AND BUFR
MESSAGES ARE ALSO TRANSMITTED FROM THE NWSTG TO NWS USERS

OVER A VARIETY OF COMMUNICATION SERVICES.

THE FOLLOWING PRODUCTS WILL BE ISSUED DURING THE TEST:

PIL INDIVIDUAL COLLECTIVE
WMO HEADER WMO HEADER

STAMANSTA USUS97 KSTA USUS01 KWBC USUS50 KWBC USUS90 KWBC
UPUS50 KWBC UPUS90 KWBC

STASGLSTA UMUS97 KSTA UKUS01 KWBC UKUS50 KWBC UKUS90 KWBC
ULUS01 KWBC ULUS50 KWBC ULUS90 KWBC
UGUS01 KWBC UGUS50 KWBC UGUS90 KWBC
UHUS50 KWBC UHUS90 KWBC

STAABVSTA UFUS97 KSTA UEUS01 KWBC UEUS50 KWBC UEUS90 KWBC
UQUS50 KWBC UQUS90 KWBC

STAFZLSTA UXUS97 KSTA

BUFR COLLECTIVES: IUST41 KWBC IUST42 KWBC IUST43 KWBC
IUST44 KWBC IUST46 KWBC IUST48 KWBC

STBMANSTB USUS97 KSTB USUS01 KWBC USUS50 KWBC USUS90 KWBC
UPUS50 KWBC UPUS90 KWBC

STBSGLSTB UMUS97 KSTB UKUS01 KWBC UKUS50 KWBC UKUS90 KWBC
ULUS01 KWBC ULUS50 KWBC ULUS90 KWBC
UGUS01 KWBC UGUS50 KWBC UGUS90 KWBC
UHUS50 KWBC UHUS90 KWBC

STBABVSTB UFUS97 KSTB UEUS01 KWBC UEUS50 KWBC UEUS90 KWBC
UQUS50 KWBC UQUS90 KWBC

STBFZLSTB UXUS97 KSTB

BUFR COLLECTIVES: IUST41 KWBC IUST42 KWBC IUST43 KWBC
IUST44 KWBC IUST46 KWBC IUST48 KWBC

THE FORMAT OF THE TEST MESSAGES WILL BE THE SAME WMO FORMAT FOR CODED UPPER AIR MESSAGES AS USED BY RRS SYSTEMS SINCE 2005. THE NUMBER OF LEVELS IN THE KSTA AND KSTB CODED MESSAGES WILL BE SIMILAR TO THE CODED MESSAGES ROUTINELY TRANSMITTED FROM THE OPERATIONAL RRS SITES.

IF YOU HAVE QUESTIONS ABOUT THESE CHANGES... CONTACT:

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1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND 20910
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OR

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NATIONAL WEATHER SERVICE/OPS24
1325 EAST WEST HIGHWAY

SILVER SPRING MARYLAND 20910
301-713-0326 EXT. 158
JAE.LEE@NOAA.GOV

NWS NATIONAL PNS/S ARE ONLINE AT /USE LOWERCASE/:

[HTTP://WWW.WEATHER.GOV/OS/NOTIF.HTM](http://www.weather.gov/os/notif.htm)

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