

NOUS41 KWBC DDHHMM
PNSWSH

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
915 AM EDT MON JUN 29 2009

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

FROM: JERALD DINGES
CHIEF... TEST AND EVALUATION BRANCH
OFFICE OF OPERATIONAL SYSTEMS

SUBJECT: RADIOSONDE REPLACEMENT SYSTEM /RRS/ COMMUNICATIONS
TEST SCHEDULED FOR SEPTEMBER AND OCTOBER 2009 USING
TEST HEADERS

AS PART OF RRS BUILD 2 SOFTWARE UPGRADE TEST... NWS WILL CONDUCT A DATA COMMUNICATIONS TEST IN SEPTEMBER AND OCTOBER 2009 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 NORMAL SYNOPTIC WINDOW FOR THE 00Z AND 12Z SOUNDINGS... AND AS NECESSARY ... AT ASYNOPTIC TIMES 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.

A TEST HEADER HAS BEEN ESTABLISHED FOR THE TEST: KSTA /STATION ID 69990/ WAS ESTABLISHED FOR THE STERLING FIELD SUPPORT CENTER /SFSC/. THE KSTA 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 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 CUSTOMERS OVER A VARIETY OF COMMUNICATION SERVICES.

THE FOLLOWING PRODUCTS WILL BE ISSUED DURING THE TEST:

PIL INDIVIDUAL COLLECTIVE

WMO HEADER WMO HEADER

STAMANSTA USUS41 KSTA USUS01 KWBC USUS50 KWBC USUS90 KWBC
UPUS50 KWBC UPUS90 KWBC

STASGLSTA UMUS41 KSTA UKUS01 KWBC UKUS50 KWBC UKUS90 KWBC
ULUS01 KWBC ULUS50 KWBC ULUS90 KWBC
UGUS01 KWBC UGUS50 KWBC UGUS90 KWBC
UHUS50 KWBC UHUS90 KWBC

STAABVSTA UFUS41 KSTA UEUS01 KWBC UEUS50 KWBC UEUS90 KWBC
UQUS50 KWBC UQUS90 KWBC

STAFZLSTA UXUS41 KSTA

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 CODED MESSAGES WILL BE SIMILAR TO
THE CODED MESSAGES ROUTINELY TRANSMITTED FROM THE OPERATIONAL
RRS SITES.

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

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NWS PUBLIC INFORMATION NOTICES ARE ONLINE AT /USE LOWERCASE/:

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

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