

NOUS41 KWBC 121830
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 09-07
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
130 PM EST THU FEB 12 2009

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS
NOAAPORT SUBSCRIBERS
OTHER CUSTOMERS OF NWS AVIATION DATA AND FORECASTS
NWS EMPLOYEES

FROM: JOSEPH FACUNDO
CHIEF...OBSERVING SYSTEMS BRANCH
OFFICE OF OPERATIONAL SYSTEMS

SUBJECT: AUTOMATED SURFACE OBSERVING SYSTEM /ASOS/ COMMUNICATIONS TRANSFER
FROM NWS TO FEDERAL AVIATION ADMINISTRATION /FAA/ FOR RALEIGH/DURHAM NORTH
CAROLINA: EFFECTIVE FEBRUARY 11 2009

NOTE: THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER WIRE SERVICE
SUBSCRIBERS.

THIS IS THE LATEST MESSAGE IN A SERIES OF TECHNICAL IMPLEMENTATION NOTICES
/TINS/. THE LAST TIN ON THIS SUBJECT WAS [TIN 08-64](#)...DATED AUGUST 14 2008.

THIS MESSAGE LISTS THE EFFECTIVE DATE THE NWS ADVANCED WEATHER INTERACTIVE
PROCESSING SYSTEM /AWIPS/ TRANSMISSION PATH HAS BEEN DISCONNECTED AT
SPECIFIC ASOS LOCATIONS. ADDITIONAL MESSAGES WILL BE ISSUED WHEN THE
AWIPS TRANSMISSION PATH HAS BEEN DISCONNECTED AT SUCCEEDING LOCATIONS.

LONG-LINE TRANSMISSION OF OBSERVATIONS FROM A SELECT GROUP OF ASOS
LOCATIONS IS MOVING FROM NWS AWIPS NETWORK COMMUNICATIONS PATHWAY TO FAA
AUTOMATED WEATHER OBSERVING SYSTEM /AWOS/-ASOS DATA ACQUISITION SYSTEM
/ADAS/ NETWORK COMMUNICATIONS PATHWAY.

THIS TRANSITION...SCHEDULED THROUGH 2010...INVOLVES CONNECTION OF THESE
ASOSES TO THE FAA ADAS TRANSMISSION PATH FOLLOWED BY DISCONNECTION FROM
THE NWS AWIPS TRANSMISSION PATH. WHEN THE CHANGE OCCURS...SELECT
OBSERVATIONS FROM THESE ASOS LOCATIONS WILL BE TRANSMITTED LONG-LINE ONLY
THROUGH THE FAA ADAS NETWORK COMMUNICATIONS TRANSMISSION PATH.

ON FEBRUARY 11 2009...THE FOLLOWING ASOS LOCATION TRANSITIONED NETWORK
COMMUNICATION PATHWAYS FROM NWS AWIPS TO FAA ADAS:

SID	LOCATION	STATE	NWS AWIPS TERMINATED
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KRDU	RALEIGH / DURHAM	NC	02/11/09

WHEN NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT THIS LOCATION...SELECT
OBSERVATIONS WILL BE TRANSMITTED LONG-LINE FROM FAA TO NWS AND

DISSEMINATED UNDER NEW WORLD METEOROLOGICAL ORGANIZATION /WMO/
HEADINGS/COLLECTIVES...AND WILL NO LONGER BE AVAILABLE UNDER FORMER WMO
HEADINGS/COLLECTIVES.

THIS CHANGE WILL AFFECT THE FOLLOWING ASOS OBSERVATIONS: ASOS AVIATION
ROUTINE WEATHER REPORTS /METAR/...AVIATION SELECTED SPECIAL WEATHER
REPORTS /SPECI/...STANDARD HYDRO METEOROLOGICAL EXCHANGE FORMAT /SHEF/
PRECIPITATION CRITERIA...SHEF HOURLY ACCUMULATION MESSAGES...DAILY SUMMARY
MESSAGES /DSM/ AND MONTHLY SUMMARY MESSAGES /MSM/.

THE FOLLOWING ARE WMO BULLETIN HEADINGS/COLLECTIVES CHANGES FOR RALEIGH /
DURHAM NORTH CAROLINA:

METAR MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
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KRDU	SAUS42 KRAH	SAUS80 KWBC	SAUS70 KWBC
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SPECI MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
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KRDU	SPUS42 KRAH	SPUS80 KWBC	SPUS70 KWBC
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ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
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KRDU	SRUS62 KRAH	SRUS27 KZDC	WASHINGTON D.C.
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ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
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KRDU	SRUS72 KRAH	SRUS27 KZDC	WASHINGTON D.C.
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ASOS DAILY SUMMARY MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
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KRDU	CXUS42 KRAH	CDUS27 KZDC	WASHINGTON D.C.
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ASOS MONTHLY SUMMARY MESSAGE:

ASOS	WMO HEADER	WMO HEADER	FAA HUB
SID	OLD	NEW	

KRDU	CSUS42 KRAH	CSUS27 KZDC	WASHINGTON D.C.

USERS WITH AUTOMATIC DECODERS SHOULD REPROGRAM THEIR SYSTEMS NOW TO
RECOGNIZE THE NEW BULLETIN HEADINGS FOR THESE ASOS OBSERVATIONS.

PLEASE BE ADVISED THAT DELIVERY OF THESE REPORTS AND MESSAGES TO NWS USERS
MAY BE DELAYED APPROXIMATELY FIVE MINUTES DUE TO INCREASED COMMUNICATIONS
HANDLING BETWEEN FAA AND NWS.

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

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OR

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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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