

NOUS41 KWBC 041206
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-19
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1245 PM EDT WED APR 12 2006

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA WEATHER
WIRE SERVICE /NWS/ SUBSCRIBERS...EMERGENCY MANAGERS
WEATHER INFORMATION NETWORK /EMWIN/ SUBSCRIBERS...
NOAAPORT SUBSCRIBERS...OTHER NATIONAL WEATHER SERVICE
/NWS/ CUSTOMERS AND PARTNERS...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/: EFFECTIVE APRIL 7 2006

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 /TIN/. THE LAST TIN ON THIS SUBJECT WAS
TIN 06-12 TRANSMITTED MARCH 13 2006.

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 2007...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 APRIL 7 2006 THE FOLLOWING
ASOS LOCATION TRANSITIONED NETWORK COMMUNICATION PATHWAYS FROM
NWS AWIPS TO FAA ADAS:

SID LOCATION STATE NWS AWIPS TERMINATED

KDRT DEL RIO TX 04/07/06

WHEN NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT THIS

LOCATION...SELECT OBSERVATIONS FOR THIS LOCATION 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 SUMMMARY MESSAGES /MSM/.

THE FOLLOWING ARE WMO BULLETIN HEADINGS/COLLECTIVES CHANGES FOR DEL RIO...TEXAS:

METAR MESSAGES

ASOS SID	WMO HEADING OLD	WMO HEADING OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KDRT	SAUS44 KEWX	SAUS80 KWBC		SAUS70 KWBC

SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO HEADING OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KDRT	SPUS44 KEWX	SPUS80 KWBC		SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KDRT	SRUS64 KEWX	SRUS27 KZHU	HOUSTON

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KDRT	SRUS74 KEWX	SRUS27 KZHU	HOUSTON

ASOS DAILY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KDRT	CXUS44 KEWX	CDUS27 KZHU	HOUSTON

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KDRT CSUS44 KEWX CSUS27 KZHU HOUSTON

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 CUSTOMERS MAY BE DELAYED APPROXIMATELY 5 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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THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM)

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