

NOUS41 KWBC 191801
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 05-03
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
100 PM EST WED JAN 19 2005

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 NATIONAL WEATHER
SERVICE /NWS/ TO FEDERAL AVIATION
ADMINISTRATION /FAA/...EFFECTIVE JANUARY 19 2005

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

THIS IS THE LATEST MESSAGE IN A SERIES ON THIS SUBJECT. THE
LAST TECHNICAL IMPLEMENTATION NOTICE /TIN/ ON THIS SUBJECT WAS
TIN 04-47 TRANSMITTED ON SEPTEMBER 15 2004.

THIS MESSAGE IS TO INFORM YOU OF THE EFFECTIVE DATE THE NWS
ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/
TRANSMISSION PATH HAS BEEN DISCONNECTED AT THE NEXT AUTOMATED
SURFACE OBSERVING SYSTEM /ASOS/ LOCATIONS. ADDITIONAL MESSAGES
WILL BE ISSUED IMMEDIATELY WHEN THE AWIPS TRANSMISSION PATH HAS
BEEN DISCONNECTED AT SUCCEEDING LOCATIONS.

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 40 FEDERAL
AVIATION ADMINISTRATION /FAA/ SERVICE LEVEL A AND B ASOS
LOCATIONS...AND FROM 37 FAA SERVICE LEVEL A...B...BUT MOSTLY C
AND D ASOS LOCATIONS...IS IN TRANSITION FROM THE NWS AWIPS
NETWORK COMMUNICATIONS PATHWAY TO THE FAA AUTOMATED WEATHER
OBSERVING SYSTEM /AWOS/-ASOS DATA ACQUISITION SYSTEM /ADAS/
NETWORK COMMUNICATIONS PATHWAY. TRANSITION OF THESE ASOS...
SCHEDULED THROUGH 2006...IS BEING DONE TO SUPPORT TRANSITION OF
COMMUNICATIONS TRANSMISSION PATHWAY RESPONSIBILITY FROM NWS TO
FAA. IN ADDITION THE TRANSITION OF THE 40 FAA SERVICE LEVEL A AND
B LOCATIONS IS BEING DONE TO SUPPORT THE FAA INTEGRATED WEATHER
INFORMATION SYSTEM /ITWS/ ACQUISITION OF ASOS ONE MINUTE
OBSERVATIONS.

THIS TRANSITION INVOLVES CONNECTION OF THESE ASOS FROM THE NWS

AWIPS TRANSMISSION PATH TO THE FAA ADAS TRANSMISSION PATH FOLLOWED BY DISCONNECTION TO THE NWS AWIPS TRANSMISSION PATH. WHEN THE LATTER OCCURS... SELECT OBSERVATIONS FROM THESE ASOS LOCATIONS WILL BE TRANSMITTED LONG-LINE ONLY THROUGH THE FAA ADAS NETWORK COMMUNICATIONS TRANSMISSION PATH. ON WEDNESDAY... JANUARY 19 2005 THE FOLLOWING ASOS LOCATIONS TRANSITIONED NETWORK COMMUNICATION PATHWAYS FROM NWS AWIPS TO FAA ADAS:

SID LOCATION STATE NWS AWIPS TERMINATED

KCLT CHARLOTTE NC 1/19/05
KISN WILLISTON ND 1/19/05

WHEN THE NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT EACH LOCATION... SELECT OBSERVATIONS FOR THESE LOCATIONS WILL BE TRANSMITTED LONG-LINE FROM FAA TO NWS AND DISSEMINATED UNDER THE NEW WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS/COLLECTIVES AND WILL NO LONGER BE AVAILABLE UNDER THE 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 CHARLOTTE... NC AND WILLISTON... ND:

METAR MESSAGES

ASOS	WMO HEADING	WMO COLLECTIVE	WMO COLLECTIVE
SID	OLD	OLD	NEW
KCLT	SAUS42 KGSP	SAUS80 KWBC	SAUS70 KWBC
KISN	SAUS43 KBIS	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES

ASOS	WMO HEADING	WMO COLLECTIVE	WMO COLLECTIVE
SID	OLD	OLD	NEW
KCLT	SPUS42 KGSP	SPUS80 KWBC	SPUS70 KWBC
KISN	SPUS43 KBIS	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS	WMO HEADING	WMO HEADING	FAA HUB
SID	OLD	NEW	

KCLT SRUS62 KGSP SRUS27 KZTL ATLANTA
KISN SRUS63 KBIS SRUS27 KZMP MINNEAPOLIS

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KCLT SRUS72 KGSP SRUS27 KZTL ATLANTA
KISN SRUS73 KBIS SRUS27 KZMP MINNEAPOLIS

ASOS DAILY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KCLT CXUS42 KGSP CDUS27 KZTL ATLANTA
KISN CXUS43 KBIS CDUS27 KZMP MINNEAPOLIS

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KCLT CSUS42 KGSP CSUS27 KZTL ATLANTA
KISN CSUS43 KBIS CSUS27 KZMP MINNEAPOLIS

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:

DAVE MANNARANO
OFFICE OF OPERATIONAL SYSTEMS
W/OPS22
SILVER SPRING MARYLAND 20910
PHONE: 301-713-2093 EXT. 103
E-MAIL: DAVID.MANNARANO@NOAA.GOV

OR

ANTHONY ROBINSON
OFFICE OF CLIMATE WATER AND WEATHER SERVICES
W/OS12
SILVER SPRING MARYLAND 20910

PHONE: 301-713-1373 EXT. 165
E-MAIL: ANTHONY.ROBINSON@NOAA.GOV

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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