

NOUS41 KWBC 211640  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-73  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
1240 PM EDT FRI SEP 21 2007

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/ PARTNERS AND OTHER USERS...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 BUFFALO NEW YORK: EFFECTIVE  
SEPTEMBER 21 2007

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 07-72 DATED SEPTEMBER 20 2007.

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 2008...INVOLVES CONNECTION OF  
THESE ASOSSES 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 SEPTEMBER 21 2007 THE  
FOLLOWING ASOS LOCATION TRANSITIONED NETWORK COMMUNICATION  
PATHWAYS FROM NWS AWIPS TO FAA ADAS:

SID	LOCATION	STATE	NWS AWIPS TERMINATED
KBUF	BUFFALO	NY	09/21/07

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 SUMMARY MESSAGES /MSM/.

THE FOLLOWING ARE WMO BULLETIN HEADINGS/COLLECTIVES CHANGES FOR BUFFALO NEW YORK:

#### METAR MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KBUF	SAUS41 KBUF	SAUS80 KWBC		SAUS70 KWBC

#### SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KBUF	SPUS41 KBUF	SPUS80 KWBC		SPUS70 KWBC

#### ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KBUF	SRUS61 KBUF	SRUS27 KZOB	CLEVELAND

#### ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KBUF	SRUS71 KBUF	SRUS27 KZOB	CLEVELAND

#### ASOS DAILY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
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KBUF CXUS41 KBUF CDUS27 KZOB CLEVELAND

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB  
SID OLD NEW

KBUF CSUS41 KBUF CSUS27 KZOB CLEVELAND

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 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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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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