

NOUS41 KWBC 214028
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-12
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
350 PM EST WED FEB 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/ 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/ FOR FLINT MICHIGAN... ST. CLOUD
MINNESOTA... DULUTH MINNESOTA AND PAGE ARIZONA:
EFFECTIVE FEBRUARY 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 07-06 TRANSMITTED JANUARY 29 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 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 21 2007 THE
FOLLOWING ASOS LOCATIONS TRANSITIONED NETWORK COMMUNICATION
PATHWAYS FROM NWS AWIPS TO FAA ADAS:

SID LOCATION STATE NWS AWIPS TERMINATED

KFNT FLINT MI 02/21/07

KSTC ST. CLOUD MN 02/21/07
KDLH DULUTH MN 02/21/07
KPGA PAGE AZ 02/21/07

WHEN NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT THESE LOCATIONS...SELECT OBSERVATIONS FOR THESE LOCATIONS 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 FLINT MICHIGAN...ST. CLOUD MINNESOTA...DULUTH MINNESOTA AND PAGE ARIZONA:

METAR MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KFNT	SAUS43 KDTX	SAUS80 KWBC	SAUS70 KWBC	
KSTC	SAUS43 KMPX	SAUS80 KWBC	SAUS70 KWBC	
KDLH	SAUS43 KDLH	SAUS80 KWBC	SAUS70 KWBC	
KPGA	SAUS45 KFGZ	SAUS80 KWBC	SAUS70 KWBC	

SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KFNT	SPUS43 KDTX	SPUS80 KWBC	SPUS70 KWBC	
KSTC	SPUS43 KMPX	SPUS80 KWBC	SPUS70 KWBC	
KDLH	SPUS43 KDLH	SPUS80 KWBC	SPUS70 KWBC	
KPGA	SPUS45 KFGZ	SPUS80 KWBC	SPUS70 KWBC	

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KFNT	SRUS63 KDTX	SRUS27 KZOB	CLEVELAND
KSTC	SRUS63 KMPX	SRUS27 KZMP	MINNEAPOLIS
KDLH	SRUS63 KDLH	SRUS27 KZMP	MINNEAPOLIS
KPGA	SRUS65 KFGZ	SRUS27 KZAB	ALBUQUERQUE

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KFNT	SRUS73 KDTX	SRUS27 KZOB	CLEVELAND
KSTC	SRUS73 KMPX	SRUS27 KZMP	MINNEAPOLIS
KDLH	SRUS73 KDLH	SRUS27 KZMP	MINNEAPOLIS
KPGA	SRUS75 KFGZ	SRUS27 KZAB	ALBUQUERQUE

ASOS DAILY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KFNT	CXUS43 KDTX	CDUS27 KZOB	CLEVELAND
KSTC	CXUS43 KMPX	CDUS27 KZMP	MINNEAPOLIS
KDLH	CXUS43 KDLH	CDUS27 KZMP	MINNEAPOLIS
KPGA	CXUS45 KFGZ	CDUS27 KZAB	ALBUQUERQUE

ASOS MONTHLY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KFNT	CSUS43 KDTX	CSUS27 KZOB	CLEVELAND
KSTC	CSUS43 KMPX	CSUS27 KZMP	MINNEAPOLIS
KDLH	CSUS43 KDLH	CSUS27 KZMP	MINNEAPOLIS
KPGA	CSUS45 KFGZ	CSUS27 KZAB	ALBUQUERQUE

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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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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