

NOUS41 KWBC 212050
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 /NWWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
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 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
/TINS/. 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
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KFNT	FLINT	MI	02/21/07
KSTC	ST. CLOUD	MN	02/21/07
KDLH	DULUTH	MN	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 HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
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 HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
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 HEADER OLD	WMO HEADER 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 HEADER OLD	WMO HEADER 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 HEADER OLD	WMO HEADER 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 HEADER OLD	WMO HEADER 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 FIVE MINUTES DUE TO INCREASED COMMUNICATIONS HANDLING BETWEEN FAA AND NWS.

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

DAVE MANNARANO
301-713-2093 X 103
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OR

ANTHONY ROBINSON
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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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