

NOUS41 KWBC 161535
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-56
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1135 AM EDT WED AUG 16 2006

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWS/ 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 GILLETTE
WYOMING...DES MOINES IOWA AND WORCESTER MASSACHUSETTS...EFFECTIVE AUGUST
16 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
/TINS/. THE LAST TIN ON THIS SUBJECT WAS [TIN 06-49](#)...TRANSMITTED JULY 11
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
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 AUGUST 16 2006...THE FOLLOWING ASOS LOCATIONS TRANSITIONED NETWORK
COMMUNICATION PATHWAYS FROM NWS AWIPS TO FAA ADAS:

SID	LOCATION	STATE	NWS AWIPS TERMINATED
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KGCC	GILLETTE	WY	08/16/06
KDSM	DES MOINES	IA	08/16/06
KORH	WORCESTER	MA	08/16/06

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 GILLETTE WYOMING...DES MOINES IOWA AND WORCESTER MASSACHUSETTS:

METAR MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KGCC	SAUS45 KCYS	SAUS80 KWBC	SAUS70 KWBC
KDSM	SAUS43 KDMX	SAUS80 KWBC	SAUS70 KWBC
KORH	SAUS41 KBOX	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KGCC	SPUS45 KCYS	SPUS80 KWBC	SPUS70 KWBC
KDSM	SPUS43 KDMX	SPUS80 KWBC	SPUS70 KWBC
KORH	SPUS41 KBOX	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KGCC	SRUS65 KCYS	SRUS27 KZDV	DENVER
KDSM	SRUS63 KDMX	SRUS27 KZMP	MINNEAPOLIS
KORH	SRUS61 KBOX	SRUS27 KZBW	BOSTON

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KGCC	SRUS75 KCYS	SRUS27 KZDV	DENVER
KDSM	SRUS73 KDMX	SRUS27 KZMP	MINNEAPOLIS
KORH	SRUS71 KBOX	SRUS27 KZBW	BOSTON

ASOS DAILY SUMMARY MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KGCC	CXUS45 KCYS	CDUS27 KZDV	DENVER
KDSM	CXUS43 KDMX	CDUS27 KZMP	MINNEAPOLIS
KORH	CXUS41 KBOX	CDUS27 KZBW	BOSTON

ASOS MONTHLY SUMMARY MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KGCC	CSUS45 KCYS	CSUS27 KZDV	DENVER
KDSM	CSUS43 KDMX	CSUS27 KZMP	MINNEAPOLIS
KORH	CSUS41 KBOX	CSUS27 KZBW	BOSTON

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:

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301-713-2093 X 103
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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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