

NOUS41 KWBC 161815
PNSWSH

PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 01-22
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
215 PM EDT THU AUG 16 2001

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

SUBJECT: UPDATE: ASOS COMMUNICATIONS TRANSFER FROM NATIONAL WEATHER
SERVICE TO FEDERAL AVIATION ADMINISTRATION

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

THIS IS THE LATEST MESSAGE IN A SERIES ON THIS TRANSITION. THE LAST
MESSAGE ON THIS TOPIC WAS [TECHNICAL IMPLEMENTATION NOTICE /TIN/ 01-
21](#)...TRANSMITTED ON 7/26/01.

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 29 AUTOMATED SURFACE
OBSERVING SYSTEM /ASOS/ LOCATIONS IS CURRENTLY IN TRANSITION FROM THE
NATIONAL WEATHER SERVICE /NWS/ ADVANCED WEATHER INTERACTIVE PROCESSING
SYSTEM /AWIPS/ NETWORK TO THE FEDERAL AVIATION ADMINISTRATION /FAA/ AWOS-
ASOS DATA ACQUISITION SYSTEM /ADAS/ NETWORK. THIS TRANSITION INVOLVES
CONNECTION OF THESE ASOS SYSTEMS TO THE FAA ADAS NETWORK WHERE AUTOMATED
LIGHTNING DETECTION AND REPORTING SYSTEM /ALDARS/ INFORMATION IS AVAILABLE
IN THE ASOS AVIATION ROUTINE WEATHER REPORT /METAR/ AND THE SELECTED
SPECIAL WEATHER /SPECI/ REPORT...FOLLOWED BY DISCONNECTION FROM THE NWS
AWIPS NETWORK. WHEN THE LATTER OCCURS...THE DATA FROM THESE ASOS
LOCATIONS WILL BE TRANSMITTED LONG-LINE ONLY THROUGH THE FAA ADAS NETWORK.

THIS MESSAGE IS TO INFORM YOU OF THE DATES WHEN THE AWIPS TRANSMISSION
PATH FOR THESE ASOS OBS WILL BE DISCONNECTED AT THE NEXT SEVEN LOCATIONS.
ADDITIONAL TECHNICAL IMPLEMENTATION NOTICES WILL BE ISSUED WHEN THE AWIPS
TRANSMISSION PATH FOR THE ASOS OBSERVATIONS IS DISCONNECTED AT SUCCEEDING
LOCATIONS.

SITE ID			FAA ALDARS	NWS AWIPS
/SID/	LOCATION	STATE	START	END
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KCSG	COLUMBUS	GA	7/31/01	8/16/01
KRAP	RAPID CITY	SD	8/09/01	8/16/01
KHLN	HELENA	MT	8/09/01	8/16/01
KILG	WILMINGTON	DE	7/25/01	8/21/01
KGRI	GRAND ISLAND	NE	8/23/01	8/30/01
KMLI	MOLINE	IL	8/23/01	8/30/01

KRST ROCHESTER MN 8/23/01 8/30/01

WHEN THE NWS AWIPS CONNECTIVITY FOR TRANSMITTING THESE ASOS OBSERVATIONS ENDS AT EACH LOCATION...ALL ASOS DATA TRANSMITTED LONG LINE FROM THAT OBSERVING LOCATION WILL APPEAR UNDER THE "NEW" WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADER/COLLECTIVE AND WILL NO LONGER BE AVAILABLE UNDER THE "OLD" WMO HEADERS/COLLECTIVES. THIS CHANGE WILL AFFECT THE ASOS ROUTINE AVIATION METEOROLOGICAL REPORT /METAR/...AVIATION SELECTED SPECIAL WEATHER REPORT /SPECI/...STANDARD HYDROMETEOROLOGICAL EXCHANGE FORMAT /SHEF/ PRECIPITATION CRITERIA AND HOURLY ACCUMULATION MESSAGES...THE DAILY SUMMARY MESSAGE /DSM/ AND THE MONTHLY SUMMARY MESSAGE /MSM/. THE FOLLOWING WMO BULLETIN HEADER/COLLECTIVE CHANGES WILL OCCUR FOR THESE SEVEN LOCATIONS:

METAR MESSAGES:

ASOS SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
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KCSG	SAUS42 KTAE	SAUS80 KWBC	SAUS70 KWBC
KGRI	SAUS43 KGID	SAUS80 KWBC	SAUS70 KWBC
KHLN	SAUS45 KTFX	SAUS80 KWBC	SAUS70 KWBC
KILG	SAUS41 KPHI	SAUS80 KWBC	SAUS70 KWBC
KMLI	SAUS43 KDVN	SAUS80 KWBC	SAUS70 KWBC
KRAP	SAUS43 KUNR	SAUS80 KWBC	SAUS70 KWBC
KRST	SAUS43 KMPX	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

ASOS SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
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KCSG	SPUS42 KTAE	SPUS80 KWBC	SPUS70 KWBC
KGRI	SPUS43 KGID	SPUS80 KWBC	SPUS70 KWBC
KHLN	SPUS45 KTFX	SPUS80 KWBC	SPUS70 KWBC
KILG	SPUS41 KPHI	SPUS80 KWBC	SPUS70 KWBC
KMLI	SPUS43 KDVN	SPUS80 KWBC	SPUS70 KWBC
KRAP	SPUS43 KUNR	SPUS80 KWBC	SPUS70 KWBC
KRST	SPUS43 KMPX	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	EXISTING NWS PIL	FAA HUB
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KCSG	SRUS62 KTAE	SRUS27 KZTL	NKARR7ZTL	ATLANTA
KGRI	SRUS63 KGID	SRUS27 KZMP	NKARR7ZMP	MINNEAPOLIS
KHLN	SRUS65 KTFX	SRUS27 KZLC	NKARR7ZLC	SALT LAKE CITY
KILG	SRUS61 KPHI	SRUS27 KZNY	NKARR7ZNY	NEW YORK
KMLI	SRUS63 KDVN	SRUS27 KZAU	NKARR7ZAU	CHICAGO
KRAP	SRUS63 KUNR	SRUS27 KZDV	NKARR7ZDV	DENVER
KRST	SRUS63 KMPX	SRUS27 KZMP	NKARR7ZMP	MINNEAPOLIS

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID ----	WMO HEADER OLD -----	WMO HEADER NEW -----	EXISTING NWS PIL -----	FAA HUB -----
KCSG	SRUS72 KTAE	SRUS27 KZTL	NKARR7ZTL	ATLANTA
KGRI	SRUS73 KGID	SRUS27 KZMP	NKARR7ZMP	MINNEAPOLIS
KHLN	SRUS75 KTFX	SRUS27 KZLC	NKARR7ZLC	SALT LAKE CITY
KILG	SRUS71 KPHI	SRUS27 KZNY	NKARR7ZNY	NEW YORK
KMLI	SRUS73 KDVN	SRUS27 KZAU	NKARR7ZAU	CHICAGO
KRAP	SRUS73 KUNR	SRUS27 KZDV	NKARR7ZDV	DENVER
KRST	SRUS73 KMPX	SRUS27 KZMP	NKARR7ZMP	MINNEAPOLIS

ASOS DAILY SUMMARY:

ASOS SID ----	WMO HEADER OLD -----	WMO HEADER NEW -----	EXISTING NWS PIL -----	FAA HUB -----
KCSG	CXUS42 KTAE	CDUS27 KZTL	NKADSMZTL	ATLANTA
KGRI	CXUS43 KGID	CDUS27 KZMP	NKADSMZMP	MINNEAPOLIS
KHLN	CXUS45 KTFX	CDUS27 KZLC	NKADSMZLC	SALT LAKE CITY
KILG	CXUS41 KPHI	CDUS27 KZNY	NKADSMZNY	NEW YORK
KMLI	CXUS43 KDVN	CDUS27 KZAU	NKADSMZAU	CHICAGO
KRAP	CXUS43 KUNR	CDUS27 KZDV	NKADSMZDV	DENVER
KRST	CXUS43 KMPX	CDUS27 KZMP	NKADSMZMP	MINNEAPOLIS

ASOS MONTHLY SUMMARY MESSAGE:

ASOS SID ----	WMO HEADER OLD -----	WMO HEADER NEW -----	EXISTING NWS PIL -----	FAA HUB -----
KCSG	CSUS42 KTAE	CSUS27 KZTL	NKAMSMZTL	ATLANTA
KGRI	CSUS43 KGID	CSUS27 KZMP	NKAMSMZMP	MINNEAPOLIS
KHLN	CSUS45 KTFX	CSUS27 KZLC	NKAMSMZLC	SALT LAKE CITY
KILG	CSUS41 KPHI	CSUS27 KZNY	NKAMSMZNY	NEW YORK
KMLI	CSUS43 KDVN	CSUS27 KZAU	NKAMSMZAU	CHICAGO
KRAP	CSUS43 KUNR	CSUS27 KZDV	NKAMSMZDV	DENVER
KRST	CSUS43 KMPX	CSUS27 KZMP	NKAMSMZMP	MINNEAPOLIS

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO REPROGRAM THEIR SYSTEMS NOW TO RECOGNIZE THE NEW BULLETIN HEADERS 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 THIS CHANGE...PLEASE CONTACT:

DAVE MANNARANO AT 301-713-2093 X 103...EMAIL: DAVID.MANNARANO@NOAA.GOV OR

ANTHONY ROBINSON AT 301-713-1373 X 110...EMAIL: ANTHONY.ROBINSON@NOAA.GOV.

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

END
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