

NOUS41 KWBC 261820
PNSWSH

PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 01-25
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
220 PM EDT WED SEP 26 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...EFFECTIVE SEPTEMBER 30 2001

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-
22](#)...TRANSMITTED ON 8/16/01.

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 FIVE LOCATIONS.
ADDITIONAL TINS WILL BE ISSUED WHEN THE AWIPS TRANSMISSION PATH FOR THE
ASOS OBSERVATIONS IS DISCONNECTED AT SUCCEEDING LOCATIONS.

SITE ID /SID/ -----	LOCATION -----	STATE -----	FAA ALDARS START -----	NWS AWIPS END -----
KBPT	BEAUMONT	TX	9/30/01	10/08/01
KERI	ERIE	PA	9/30/01	10/08/01
KMLI	MOLINE	IL	9/30/01	10/08/01
KPWM	PORTLAND	ME	9/30/01	10/08/01
KSLE	SALEM	OR	9/30/01	10/08/01

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 FIVE LOCATIONS:

METAR MESSAGES:

ASOS SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KBPT	SAUS44 KLCH	SAUS80 KWBC	SAUS70 KWBC
KERI	SAUS41 KCTP	SAUS80 KWBC	SAUS70 KWBC
KMLI	SAUS43 KDVN	SAUS80 KWBC	SAUS70 KWBC
KPWM	SAUS41 KGYX	SAUS80 KWBC	SAUS70 KWBC
KSLE	SAUS46 KPQR	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

ASOS SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KBPT	SPUS44 KLCH	SPUS80 KWBC	SPUS70 KWBC
KERI	SPUS41 KCTP	SPUS80 KWBC	SPUS70 KWBC
KMLI	SPUS43 KDVN	SPUS80 KWBC	SPUS70 KWBC
KPWM	SPUS41 KGYX	SPUS80 KWBC	SPUS70 KWBC
KSLE	SPUS46 KPQR	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	EXISTING PIL	FAA HUB
KBPT	SRUS64 KLCH	SRUS27 KZHU	NKARR7ZHU	HOUSTON
KERI	SRUS61 KCTP	SRUS27 KZOB	NKARR7ZOB	CLEVELAND
KMLI	SRUS63 KDVN	SRUS27 KZAU	NKARR7ZAU	CHICAGO
KPWM	SRUS61 KGYX	SRUS27 KZBW	NKARR7ZBW	BOSTON
KSLE	SRUS66 KPQR	SRUS27 KZSE	NKARR7ZSE	SEATTLE

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	EXISTING PIL	FAA HUB
KBPT	SRUS74 KLCH	SRUS27 KZHU	NKARR7ZHU	HOUSTON
KERI	SRUS71 KCTP	SRUS27 KZOB	NKARR7ZOB	CLEVELAND
KMLI	SRUS73 KDVN	SRUS27 KZAU	NKARR7ZAU	CHICAGO
KPWM	SRUS71 KGYX	SRUS27 KZBW	NKARR7ZBW	BOSTON

KSLE SRUS76 KPQR SRUS27 KZSE NKARR7ZSE SEATTLE

ASOS DAILY SUMMARY:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	EXISTING PIL	FAA HUB
KBPT	CXUS44 KLCH	CDUS27 KZHU	NKADSMZHU	HOUSTON
KERI	CXUS41 KCTP	CDUS27 KZOB	NKADSMZOB	CLEVELAND
KMLI	CXUS43 KDVN	CDUS27 KZAU	NKADSMZAU	CHICAGO
KPWM	CXUS41 KGYX	CDUS27 KZBW	NKADSMZBW	BOSTON
KSLE	CXUS46 KPQR	CDUS27 KZSE	NKADSMZSE	SEATTLE

ASOS MONTHLY SUMMARY MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	EXISTING PIL	FAA HUB
KBPT	CSUS44 KLCH	CSUS27 KZHU	NKAMSMZHU	HOUSTON
KERI	CSUS41 KCTP	CSUS27 KZOB	NKAMSMZOB	CLEVELAND
KMLI	CSUS43 KDVN	CSUS27 KZAU	NKAMSMZAU	CHICAGO
KPWM	CSUS41 KGYX	CSUS27 KZBW	NKAMSMZBW	BOSTON
KSLE	CSUS46 KPQR	CSUS27 KZSE	NKAMSMZSE	SEATTLE

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)

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