

NOUS41 KWBC 032025
PNSWSH

PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-22
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
430 PM EDT THU OCT 3 2002

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA WEATHER
WIRE SERVICE /NWS/ SUBSCRIBERS...EMERGENCY MANAGERS
WEATHER INFORMATION NETWORK /EMWIN SUBSCRIBERS...
OTHER NATIONAL WEATHER SERVICE /NWS/ CUSTOMERS OF
AVIATION DATA AND FORECASTS...NWS EMPLOYEES

FROM: JOSEPH FACUNDO
CHIEF...OBSERVING SYSTEMS BRANCH

SUBJECT: ASOS COMMUNICATIONS TRANSFER FROM NATIONAL WEATHER
SERVICE TO FEDERAL AVIATION ADMINISTRATION...
EFFECTIVE OCTOBER 2 2002 AND OCTOBER 3 2002

..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 02-20...TRANSMITTED ON SEPTEMBER 19 2002...

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 33 AUTOMATED
SURFACE OBSERVING SYSTEM /ASOS/ LOCATIONS IS CURRENTLY IN
TRANSITION FROM THE NATIONAL WEATHER SERVICE /NWS/ ADVANCED
WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ COMMUNICATIONS
NETWORK TO THE FEDERAL AVIATION ADMINISTRATION /FAA/ AWOS-ASOS
DATA ACQUISITION SYSTEM /ADAS/ COMMUNICATIONS NETWORK. THIS
TRANSITION INVOLVES CONNECTION OF SELECT ASOSES TO THE FAA ADAS
NETWORK WHERE AUTOMATED LIGHTNING DETECTION AND REPORTING SYSTEM
/ALDARS/ INFORMATION IS AVAILABLE IN THE ASOS ROUTINE AVIATION
WEATHER REPORT /METAR/ AND THE AVIATION SELECTED SPECIAL WEATHER
REPORT /SPECI/...FOLLOWED BY DISCONNECTION TO THE NWS AWIPS
NETWORK. WHEN THE LATTER OCCURS...THE DATA FROM THESE ASOS
LOCATIONS WILL BE TRANSMITTED LONG-LINE ONLY THROUGH THE
TRANSMISSION PATH OF FAA ADAS NETWORK.

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

	FAA ADAS	NWS AWIPS		
SID	LOCATION	STATE	START	END

KBGM	BINGHAMTON	NY	07/26/02	10/02/02
KTOP	TOPEKA	KS	08/23/02	10/02/02
KMFR	MEDFORD	OR	09/12/02	10/02/02
KDDC	DODGE CITY	KS	09/18/02	10/02/02
KGLD	GOODLAND	KS	09/19/02	10/02/02
KMSO	MISSOULA	MT	09/16/02	10/03/02
KAMA	AMARILLO	TX	09/18/02	10/03/02
KGGW	GLASGOW	MT	09/18/02	10/03/02
KPDT	PENDLETON	OR	09/18/02	10/03/02

WHEN THE NWS AWIPS TRANSMISSION PATH CONNECTION FOR TRANSMITTING THESE ASOS OBSERVATIONS AND MESSAGES ENDS AT EACH LOCATION... ALL ASOS DATA TRANSMITTED LONG-LINE FROM THAT ASOS LOCATION WILL APPEAR UNDER THE "NEW" WMO HEADING/COLLECTIVE AND WILL NO LONGER BE AVAILABLE UNDER THE "OLD" WMO HEADINGS/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 HEADING/ COLLECTIVE CHANGES WILL OCCUR FOR THESE LOCATIONS:

METAR MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KAMA	SAUS44 KAMA	SAUS80 KWBC	SAUS70 KWBC	
KBGM	SAUS41 KBGM	SAUS80 KWBC	SAUS70 KWBC	
KDDC	SAUS43 KDDC	SAUS80 KWBC	SAUS70 KWBC	
KGGW	SAUS45 KGGW	SAUS80 KWBC	SAUS70 KWBC	
KGLD	SAUS43 KGLD	SAUS80 KWBC	SAUS70 KWBC	
KMFR	SAUS46 KMFR	SAUS80 KWBC	SAUS70 KWBC	
KMSO	SAUS45 KMSO	SAUS80 KWBC	SAUS70 KWBC	
KPDT	SAUS46 KPDT	SAUS80 KWBC	SAUS70 KWBC	
KTOP	SAUS43 KTOP	SAUS80 KWBC	SAUS70 KWBC	

SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KAMA	SPUS44 KAMA	SPUS80 KWBC	SPUS70 KWBC	
KBGM	SPUS41 KBGM	SPUS80 KWBC	SPUS70 KWBC	
KDDC	SPUS43 KDDC	SPUS80 KWBC	SPUS70 KWBC	
KGGW	SPUS45 KGGW	SPUS80 KWBC	SPUS70 KWBC	
KGLD	SPUS43 KGLD	SPUS80 KWBC	SPUS70 KWBC	
KMFR	SPUS46 KMFR	SPUS80 KWBC	SPUS70 KWBC	
KMSO	SPUS45 KMSO	SPUS80 KWBC	SPUS70 KWBC	
KPDT	SPUS46 KPDT	SPUS80 KWBC	SPUS70 KWBC	
KTOP	SPUS43 KTOP	SPUS80 KWBC	SPUS70 KWBC	

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	WMO HEADING FAA HUB
KAMA	SRUS64	KAMA	SRUS27 KZAB ALBUQUERQUE
KBGM	SRUS61	KBGM	SRUS27 KZNY NEW YORK
KDDC	SRUS63	KDDC	SRUS27 KZKC KANSAS CITY
KGGW	SRUS65	KGGW	SRUS27 KZLC SALT LAKE CITY
KGLD	SRUS63	KGLD	SRUS27 KZDV DENVER
KMFR	SRUS66	KMFR	SRUS27 KZSE SEATTLE
KMSO	SRUS65	KMSO	SRUS27 KZLC SALT LAKE CITY
KPDT	SRUS66	KPDT	SRUS27 KZSE SEATTLE
KTOP	SRUS63	KTOP	SRUS27 KZKC KANSAS CITY

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	WMO HEADING FAA HUB
KAMA	SRUS74	KAMA	SRUS27 KZAB ALBUQUERQUE
KBGM	SRUS71	KBGM	SRUS27 KZNY NEW YORK
KDDC	SRUS73	KDDC	SRUS27 KZKC KANSAS CITY
KGGW	SRUS75	KGGW	SRUS27 KZLC SALT LAKE CITY
KGLD	SRUS73	KGLD	SRUS27 KZDV DENVER
KMFR	SRUS76	KMFR	SRUS27 KZSE SEATTLE
KMSO	SRUS75	KMSO	SRUS27 KZLC SALT LAKE CITY
KPDT	SRUS76	KPDT	SRUS27 KZSE SEATTLE
KTOP	SRUS73	KTOP	SRUS27 KZKC KANSAS CITY

ASOS DAILY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	WMO HEADING FAA HUB
KAMA	CXUS44	KAMA	CDUS27 KZAB ALBUQUERQUE
KBGM	CXUS41	KBGM	CDUS27 KZNY NEW YORK
KDDC	CXUS43	KDDC	CDUS27 KZKC KANSAS CITY
KGGW	CXUS45	KGGW	CDUS27 KZLC SALT LAKE CITY
KGLD	CXUS43	KGLD	CDUS27 KZDV DENVER
KMFR	CXUS46	KMFR	CDUS27 KZSE SEATTLE
KMSO	CXUS45	KMSO	CDUS27 KZLC SALT LAKE CITY
KPDT	CXUS46	KPDT	CDUS27 KZSE SEATTLE
KTOP	CXUS43	KTOP	CDUS27 KZKC KANSAS CITY

ASOS MONTHLY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE NEW	FAA HUB
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KAMA	CSUS44 KAMA	CSUS27 KZAB	ALBUQUERQUE
KBGM	CSUS41 KBGM	CSUS27 KZNY	NEW YORK
KDDC	CSUS43 KDDC	CSUS27 KZKC	KANSAS CITY
KGGW	CSUS45 KGGW	CSUS27 KZLC	SALT LAKE CITY
KGLD	CSUS43 KGLD	CSUS27 KZDV	DENVER
KMFR	CSUS46 KMFR	CSUS27 KZSE	SEATTLE
KMSO	CSUS45 KMSO	CSUS27 KZLC	SALT LAKE CITY
KPDT	CSUS46 KPDT	CSUS27 KZSE	SEATTLE
KTOP	CSUS43 KTOP	CSUS27 KZKC	KANSAS CITY

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO REPROGRAM THEIR SYSTEMS NOW TO RECOGNIZE THE NEW BULLETIN HEADERS FOR THESE ASOS OBSERVATIONS AND MESSAGES.

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 THIS CHANGE...PLEASE CONTACT ONE OF THE FOLLOWING PEOPLE AT NWS HEADQUARTERS IN SILVER SPRING MARYLAND:

DAVE MANNARANO OR ANTHONY ROBINSON
PHONE: 301-713-2093 X 103 PHONE: 301-713-1373 X 110
E-MAIL: DAVID.MANNARANO@NOAA.GOV ANTHONY.ROBINSON@NOAA.GOV

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE ON THE INTERNET AT /USE LOWER CASE LETTERS/:

<http://www.nws.noaa.gov/om/notif.htm>

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