

NOUS41 KWBC 112014  
PNSWSH

PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-36  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
320 PM EST WED DEC 11 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 DECEMBER 10 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 TIN 02-35...TRANSMITTED ON  
NOVEMBER 27 2002.

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 40 FEDERAL  
AVIATION ADMINISTRATION /FAA/ SERVICE LEVEL A/B AUTOMATED SURFACE  
OBSERVING SYSTEM /ASOS/ LOCATIONS IS CURRENTLY IN TRANSITION FROM  
THE NATIONAL WEATHER SERVICE /NWS/ ADVANCED WEATHER INTERACTIVE  
PROCESSING SYSTEM /AWIPS/ NETWORK COMMUNICATIONS PATHWAY TO THE  
FAA AUTOMATED WEATHER OBSERVING SYSTEM /AWOS/-ASOS DATA  
ACQUISITION SYSTEM /ADAS/ NETWORK COMMUNICATIONS PATHWAY.  
TRANSITION OF THESE 40 SERVICE LEVEL A/B LOCATIONS...SCHEDULED  
THROUGH 2004...IS BEING DONE TO SUPPORT THE INTEGRATED WEATHER  
INFORMATION SYSTEM /ITWS/ ACQUISITION OF ASOS ONE-MINUTE  
OBSERVATIONS. THIS TRANSITION INVOLVES CONNECTION OF THESE 40  
ASOSS FROM NWS AWIPS TRANSMISSION PATH TO THE FAA/S ADAS  
TRANSMISSION PATH...FOLLOWED BY DISCONNECTION TO THE NWS AWIPS  
TRANSMISSION PATH. WHEN THE LATTER OCCURS...THE DATA FROM THESE  
ASOS LOCATIONS WILL BE TRANSMITTED LONG-LINE ONLY THROUGH THE FAA  
ADAS NETWORK COMMUNICATIONS TRANSMISSION PATH.

THIS MESSAGE IS TO INFORM YOU OF THE DATES WHEN THE NWS AWIPS  
TRANSMISSION PATH WILL BE DISCONNECTED AT THE NEXT LOCATIONS.  
ADDITIONAL MESSAGES WILL BE ISSUED WHEN AWIPS TRANSMISSION PATH  
IS DISCONNECTED AT SUCCEEDING LOCATIONS.

SID	LOCATION	NWS AWIPS	
		STATE	ENDS
KMCI	KANSAS CITY	MO	12/10/02

WHEN THE NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT EACH LOCATION...ALL DATA FOR THESE LOCATIONS WILL BE TRANSMITTED LONG-LINE FROM FAA TO NWS AND DISSEMINATED UNDER THE "NEW" WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS/COLLECTIVES AND WILL NO LONGER BE AVAILABLE UNDER THE "OLD" WMO HEADINGS/COLLECTIVES. THIS CHANGE WILL AFFECT THE ASOS METAR AND SPECI REPORTS... 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
KMCI	SAUS43 KEAX	SAUS80 KWBC		SAUS70 KWBC
KPNE	SAUS41 KPHI	SAUS80 KWBC		SAUS70 KWBC

SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KMCI	SPUS43 KEAX	SPUS80 KWBC		SPUS70 KWBC
KPNE	SPUS41 KPHI	SPUS80 KWBC		SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KMCI	SRUS63 KEAX	SRUS27 KZKC	OLATHE
KPNE	SRUS61 KPHI	SRUS27 KZNY	NEW YORK CITY

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KMCI	SRUS73 KEAX	SRUS27 KZKC	OLATHE
KPNE	SRUS71 KPHI	SRUS27 KZNY	NEW YORK CITY

ASOS DAILY SUMMARY MESSAGE

ASOS	WMO HEADING	WMO HEADING	FAA HUB
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SID        OLD        NEW  
KMCI    CXUS43 KEAX    CDUS27 KZKC    OLATHE  
KPNE    CXUS41 KPHI    CDUS27 KZNY    NEW YORK CITY

ASOS MONTHLY SUMMARY MESSAGE

ASOS    WMO HEADING    WMO HEADING    FAA HUB  
SID        OLD        NEW  
KMCI    CSUS43 KEAX    CSUS27 KZKC    OLATHE  
KPNE    CSUS41 KPHI    CSUS27 KZNY    NEW YORK CITY

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO 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 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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