

NOUS41 KWBC 062056  
PNSWSH

PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-33  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
350 PM EST WED NOV 6 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 NOVEMBER 6 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 02-32...TRANSMITTED ON  
OCTOBER 30 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 ASOSS 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 LOCATION. 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
KCYS	CHEYENNE	WY	09/05/02	11/06/02
KMAF	MIDLAND	TX	10/21/02	11/06/02

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 THIS LOCATION:

METAR MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KCYS	SAUS45	KCYS	SAUS80	KWBC SAUS70
KMAF	SAUS44	KMAF	SAUS80	KWBC SAUS70

SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KCYS	SPUS45	KCYS	SPUS80	KWBC SPUS70
KMAF	SPUS44	KMAF	SPUS80	KWBC SPUS70

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KCYS	SRUS65	KCYS	SRUS27 KZDV DENVER
KMAF	SRUS64	KMAF	SRUS27 KZFW FORT WORTH

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KCYS	SRUS75	KCYS	SRUS27 KZDV DENVER
KMAF	SRUS74	KMAF	SRUS27 KZFW FORT WORTH

ASOS DAILY SUMMARY MESSAGE

ASOS	WMO HEADING	WMO HEADING	FAA HUB
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SID OLD NEW

KCYS CXUS45 KCYS CDUS27 KZDV DENVER  
KMAF CXUS44 KMAF CDUS27 KZFW FORT WORTH

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB  
SID OLD NEW

KCYS CSUS45 KCYS CSUS27 KZDV DENVER  
KMAF CSUS44 KMAF CSUS27 KZFW FORT WORTH

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO REPROGRAM THEIR SYSTEMS NOW TO RECOGNIZE THE NEW BULLETIN HEADINGS 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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