

NOUS41 KWBC 141840  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-94  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
140 PM EST THU DEC 14 2006

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  
OFFICE OF OPERATIONAL SYSTEMS

SUBJECT: AUTOMATED SURFACE OBSERVING SYSTEM /ASOS/ COMMUNICATIONS TRANSFER  
FROM NWS TO FEDERAL AVIATION ADMINISTRATION /FAA/ FOR PITTSBURGH  
PENNSYLVANIA...COVINGTON KENTUCKY AND LANSING MICHIGAN: EFFECTIVE DECEMBER  
14 2006.

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

THIS IS THE LATEST MESSAGE IN A SERIES OF TECHNICAL IMPLEMENTATION NOTICES  
/TINS/. THE LAST TIN ON THIS SUBJECT WAS [TIN 06-91](#) TRANSMITTED DECEMBER  
13 2006.

THIS MESSAGE LISTS THE EFFECTIVE DATE THE NWS ADVANCED WEATHER INTERACTIVE  
PROCESSING SYSTEM /AWIPS/ TRANSMISSION PATH HAS BEEN DISCONNECTED AT  
SPECIFIC ASOS LOCATIONS. ADDITIONAL MESSAGES WILL BE ISSUED WHEN THE  
AWIPS TRANSMISSION PATH HAS BEEN DISCONNECTED AT SUCCEEDING LOCATIONS.

LONG-LINE TRANSMISSION OF OBSERVATIONS FROM A SELECT GROUP OF ASOS  
LOCATIONS IS MOVING FROM NWS AWIPS NETWORK COMMUNICATIONS PATHWAY TO FAA  
AUTOMATED WEATHER OBSERVING SYSTEM /AWOS/-ASOS DATA ACQUISITION SYSTEM  
/ADAS/ NETWORK COMMUNICATIONS PATHWAY.

THIS TRANSITION...SCHEDULED THROUGH 2008...INVOLVES CONNECTION OF THESE  
ASOSSES TO THE FAA ADAS TRANSMISSION PATH FOLLOWED BY DISCONNECTION FROM  
THE NWS AWIPS TRANSMISSION PATH. WHEN THE CHANGE OCCURS...SELECT  
OBSERVATIONS FROM THESE ASOS LOCATIONS WILL BE TRANSMITTED LONG-LINE ONLY  
THROUGH THE FAA ADAS NETWORK COMMUNICATIONS TRANSMISSION PATH.

ON DECEMBER 14 2006...THE FOLLOWING ASOS LOCATIONS TRANSITIONED NETWORK  
COMMUNICATION PATHWAYS FROM NWS AWIPS TO FAA ADAS:

SID	LOCATION	STATE	NWS AWIPS TERMINATED
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KPIT	PITTSBURGH	PA	12/14/06
KCVG	COVINGTON	KY	12/14/06
KLAN	LANSING	MI	12/14/06

WHEN NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT THESE LOCATIONS...SELECT OBSERVATIONS FOR THESE LOCATIONS WILL BE TRANSMITTED LONG-LINE FROM FAA TO NWS AND DISSEMINATED UNDER NEW WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS/COLLECTIVES...AND WILL NO LONGER BE AVAILABLE UNDER FORMER WMO HEADINGS/COLLECTIVES.

THIS CHANGE WILL AFFECT THE FOLLOWING ASOS OBSERVATIONS: ASOS AVIATION ROUTINE WEATHER REPORTS /METAR/...AVIATION SELECTED SPECIAL WEATHER REPORTS /SPECI/...STANDARD HYDRO METEOROLOGICAL EXCHANGE FORMAT /SHEF/ PRECIPITATION CRITERIA...SHEF HOURLY ACCUMULATION MESSAGES...DAILY SUMMARY MESSAGES /DSM/ AND MONTHLY SUMMARY MESSAGES /MSM/.

THE FOLLOWING ARE WMO BULLETIN HEADINGS/COLLECTIVES CHANGES FOR PITTSBURGH PENNSYLVANIA...COVINGTON KENTUCKY AND LANSING MICHIGAN:

METAR MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KPIT	SAUS41 KPBZ	SAUS80 KWBC	SAUS70 KWBC
KCVG	SAUS41 KILN	SAUS80 KWBC	SAUS70 KWBC
KLAN	SAUS43 KGRR	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KPIT	SPUS41 KPBZ	SPUS80 KWBC	SPUS70 KWBC
KCVG	SPUS41 KILN	SPUS80 KWBC	SPUS70 KWBC
KLAN	SPUS43 KGRR	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KPIT	SRUS61 KPBZ	SRUS27 KZOB	CLEVELAND
KCVG	SRUS61 KILN	SRUS27 KZID	INDIANAPOLIS
KLAN	SRUS63 KGRR	SRUS27 KZOB	CLEVELAND

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KPIT	SRUS71 KPBZ	SRUS27 KZOB	CLEVELAND
KCVG	SRUS71 KILN	SRUS27 KZID	INDIANAPOLIS
KLAN	SRUS73 KGRR	SRUS27 KZOB	CLEVELAND

ASOS DAILY SUMMARY MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KPIT	CXUS41 KPBZ	CDUS27 KZOB	CLEVELAND
KCVG	CXUS41 KILN	CDUS27 KZID	INDIANAPOLIS
KLAN	CXUS43 KGRR	CDUS27 KZOB	CLEVELAND

ASOS MONTHLY SUMMARY MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KPIT	CSUS41 KPBZ	CSUS27 KZOB	CLEVELAND
KCVG	CSUS41 KILN	CSUS27 KZID	INDIANAPOLIS
KLAN	CSUS43 KGRR	CSUS27 KZOB	CLEVELAND

USERS WITH AUTOMATIC DECODERS SHOULD 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 FIVE MINUTES DUE TO INCREASED COMMUNICATIONS HANDLING BETWEEN FAA AND NWS.

IF YOU HAVE ANY QUESTIONS ABOUT THESE CHANGES...PLEASE CONTACT:

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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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