

NOUS41 KWBC 131835  
PNSWSH

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

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

FROM: JOSEPH FACUNDO  
OBSERVING SYSTEMS BRANCH CHIEF  
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 /TIN/. 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 ASOSES 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
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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 HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
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 HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
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 HEADING OLD	WMO HEADING 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	WMO HEADING	WMO HEADING	FAA HUB
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SID OLD NEW

KPIT SRUS71 KPBZ SRUS27 KZOB CLEVELAND  
KCVG SRUS71 KILN SRUS27 KZID INDIANAPOLIS  
KLAN SRUS73 KGRR SRUS27 KZOB CLEVELAND

ASOS DAILY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB  
SID OLD NEW

KPIT CXUS41 KPBZ CDUS27 KZOB CLEVELAND  
KCVG CXUS41 KILN CDUS27 KZID INDIANAPOLIS  
KLAN CXUS43 KGRR CDUS27 KZOB CLEVELAND

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB  
SID OLD NEW

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 5 MINUTES DUE TO INCREASED COMMUNICATIONS HANDLING BETWEEN FAA AND NWS.

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

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OR

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THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE

ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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