

NOUS41 KWBC 141641
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-39
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1230 AM EDT WED JULY 14 2004

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
CHIEF...OBSERVING SYSTEMS BRANCH
OFFICE OF OPERATIONAL SYSTEMS

SUBJECT: AUTOMATED SURFACE OBSERVING SYSTEM /ASOS/
COMMUNICATIONS TRANSFER FROM NATIONAL WEATHER
SERVICE TO FEDERAL AVIATION ADMINISTRATION /FAA/
EFFECTIVE JULY 14 2004

NOTE: 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 TECHNICAL IMPLEMENTATION NOTICE /TIN/ WAS TIN 4-27
TRANSMITTED ON JUNE 16 2004.

THIS MESSAGE IS TO INFORM YOU OF THE EFFECTIVE DATE THE NATIONAL
WEATHER SERVICE /NWS/ ADVANCED WEATHER INTERACTIVE PROCESSING
SYSTEM /AWIPS/ TRANSMISSION PATH HAS BEEN DISCONNECTED AT THE
NEXT AUTOMATED SURFACE OBSERVING SYSTEM /ASOS/ LOCATIONS.
ADDITIONAL MESSAGES WILL BE ISSUED IMMEDIATELY WHEN THE AWIPS
TRANSMISSION PATH HAS BEEN DISCONNECTED AT SUCCEEDING LOCATIONS.

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 40 FEDERAL
AVIATION ADMINISTRATION /FAA/ SERVICE LEVEL A AND B ASOS
LOCATIONS...AND FROM 37 FAA SERVICE LEVEL A...B...BUT MOSTLY C
AND D ASOS LOCATIONS...IS CURRENTLY IN TRANSITION FROM THE NWS
AWIPS NETWORK COMMUNICATIONS PATHWAY TO THE FAA AUTOMATED WEATHER
OBSERVING SYSTEM /AWOS/ ASOS DATA ACQUISITION SYSTEM /ADAS/
NETWORK COMMUNICATIONS PATHWAY. TRANSITION OF THESE
ASOSS...SCHEDULED THROUGH 2005...IS BEING DONE TO SUPPORT
TRANSITION OF COMMUNICATIONS TRANSMISSION PATHWAY RESPONSIBILITY
FROM NWS TO FAA. IN ADDITION...THE TRANSITION OF THE 40 FAA
SERVICE LEVEL A AND B LOCATIONS IS BEING DONE TO SUPPORT FAA
INTEGRATED WEATHER INFORMATION SYSTEM /ITWS/ ACQUISITION OF ASOS
ONE MINUTE OBSERVATIONS.

THIS TRANSITION INVOLVES CONNECTION OF THESE ASOSS FROM THE NWS

AWIPS TRANSMISSION PATH TO THE FAA ADAS TRANSMISSION PATH FOLLOWED BY DISCONNECTION TO THE NWS AWIPS TRANSMISSION PATH. WHEN THE LATTER OCCURS...DATA FROM THESE ASOS LOCATIONS WILL BE TRANSMITTED LONG-LINE ONLY THROUGH THE FAA ADAS NETWORK COMMUNICATIONS TRANSMISSION PATH.

EFFECTIVE WEDNESDAY JULY 14 2004... THE FOLLOWING TWO ASOS LOCATIONS TRANSITIONED NETWORK COMMUNICATION PATHWAYS FROM NWS AWIPS TO FAA ADAS:

NWS AWIPS			
SID	LOCATION	STATE	ENDS
KCMH	COLUMBUS	OH	7/14/04
KILN	WILMINGTON	OH	7/14/04

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 FORMER WMO HEADINGS/COLLECTIVES. THIS CHANGE WILL AFFECT 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 WMO BULLETIN HEADING/COLLECTIVE CHANGES WILL OCCUR FOR THESE LOCATIONS:

METAR MESSAGES

ASOS	WMO HEADING	WMO COLLECTIVE	WMO COLLECTIVE
SID	OLD	OLD	NEW
KCMH	SAUS41 KILN	SAUS80 KWBC	SAUS70 KWBC
KILN	SAUS41 KILN	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES

ASOS	WMO HEADING	WMO COLLECTIVE	WMO COLLECTIVE
SID	OLD	OLD	NEW
KCMH	SPUS41 KILN	SPUS80 KWBC	SPUS70 KWBC
KILN	SPUS41 KILN	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS	WMO HEADING	WMO HEADING	FAA HUB
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SID OLD NEW

KCMH SRUS61 KILN SRUS27 KZID INDIANAPOLIS
KILN SRUS61 KILN SRUS27 KZID INDIANAPOLIS

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KCMH SRUS71 KILN SRUS27 KZID INDIANAPOLIS
KILN SRUS71 KILN SRUS27 KZID INDIANAPOLIS

ASOS DAILY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KCMH CXUS41 KILN CDUS27 KZID INDIANAPOLIS
KILN CXUS41 KILN CDUS27 KZID INDIANAPOLIS

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KCMH CSUS41 KILN CSUS27 KZID INDIANAPOLIS
KILN CSUS41 KILN CSUS27 KZID INDIANAPOLIS

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 THESE CHANGES... PLEASE CONTACT:

DAVE MANNARANO
OFFICE OF OPERATIONAL SYSTEMS
W/OPS22
SILVER SPRING MD 20910
PHONE: 301-713-2093 EXT. 103
E-MAIL: DAVID.MANNARANO@NOAA.GOV

OR

ANTHONY ROBINSON
OFFICE OF CLIMATE WATER AND WEATHER SERVICES
W/OS12

SILVER SPRING MD 20910
PHONE: 301-713-1373 EXT. 165
E-MAIL: ANTHONY.ROBINSON@NOAA.GOV

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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