

NOUS41 KWBC 241806
PNSWSH

PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 03-40
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
205 PM EDT WED SEP 24 2003

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 SEP 24 2003

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 TECHNICAL IMPLEMENTATION NOTICE
/TIN/ 03-32...TRANSMITTED ON JULY 16 2003.

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 FAA/S 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.

STATION	NWS AWIPS
ID /SID/ LOCATION	STATE ENDS

KDCA	WASHINGTON DC-REAGAN	VA	9/24/03
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NATIONAL

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 THIS LOCATION...

METAR MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
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KDCA	SAUS41 KLWX	SAUS80 KWBC	SAUS70 KWBC	
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SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
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KDCA	SPUS41 KLWX	SPUS80 KWBC	SPUS70 KWBC	
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ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
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KDCA	SRUS61 KLWX	SRUS27 KZDC	WASHINGTON DC
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ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
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KDCA	SRUS71 KLWX	SRUS27 KZDC	WASHINGTON DC
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ASOS DAILY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
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KDCA	CXUS41 KLWX	CDUS27 KZDC	WASHINGTON DC
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ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KDCA CSUS41 KLWX CSUS27 KZDC WASHINGTON DC

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 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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