

NOUS41 KWBC 151810  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 05-79  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
110 PM EST THU DEC 15 2005

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

SUBJECT: AUTOMATED SURFACE OBSERVING SYSTEM /ASOS/ COMMUNICATIONS TRANSFER  
FROM NWS TO FEDERAL AVIATION ADMINISTRATION /FAA/: EFFECTIVE DECEMBER 15  
2005

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 05-78](#) TRANSMITTED DECEMBER  
15 2005.

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 GROUP OF 37 FEDERAL AVIATION  
ADMINISTRATION /FAA/ SERVICE LEVEL A...B AND C 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 2006...INVOLVES CONNECTION OF THESE  
ASOS SYSTEMS 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 LONGLINE ONLY  
THROUGH THE FAA ADAS NETWORK COMMUNICATIONS TRANSMISSION PATH.

TODAY...THURSDAY...DECEMBER 15 2005...THE FOLLOWING ASOS LOCATION WILL  
TRANSITION NETWORK COMMUNICATION PATHWAYS FROM NWS AWIPS TO FAA ADAS:

SID	LOCATION	STATE	NWS AWIPS TERMINATED
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KSHN	SHELTON	WA	12/15/05

WHEN NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT THIS LOCATION...SELECT  
OBSERVATIONS FOR THIS LOCATION 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 SHELTON  
WA:

METAR MESSAGES:

ASOS SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KSHN	SAUS46 KSEW	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

ASOS SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KSHN	SPUS46 KSEW	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KSHN	SRUS66 KSEW	SRUS27 KZSE	SEATTLE

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KSHN	SRUS76 KSEW	SRUS27 KZSE	SEATTLE

ASOS DAILY SUMMARY MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KSHN	CXUS46 KSEW	CDUS27 KZSE	SEATTLE

ASOS MONTHLY SUMMARY MESSAGE:

ASOS	WMO HEADER	WMO HEADER	FAA HUB
SID	OLD	NEW	
KSHN	CSUS46 KSEW	CSUS27 KZSE	SEATTLE

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)

END  
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