

NOUS41 KWBC 192010
PNSWSH

PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-19
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
410 PM EDT THU SEP 19 2002

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: ASOS COMMUNICATIONS TRANSFER FROM NATIONAL WEATHER SERVICE TO
FEDERAL AVIATION ADMINISTRATION...EFFECTIVE SEPTEMBER 18 2002

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
MESSAGE ON THIS TOPIC WAS TECHNICAL IMPLEMENTATION NOTICE [02-
16](#)...TRANSMITTED ON AUGUST 13 2002.

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 33 AUTOMATED SURFACE
OBSERVING SYSTEM /ASOS/ LOCATIONS IS CURRENTLY IN TRANSITION FROM THE
NATIONAL WEATHER SERVICE /NWS/ ADVANCED WEATHER INTERACTIVE PROCESSING
SYSTEM /AWIPS/ COMMUNICATIONS NETWORK TO THE FEDERAL AVIATION
ADMINISTRATION /FAA/ AWOS-ASOS DATA ACQUISITION SYSTEM /ADAS/
COMMUNICATIONS NETWORK. THIS TRANSITION INVOLVES CONNECTION OF SELECT
ASOSSES TO THE FAA ADAS NETWORK WHERE AUTOMATED LIGHTNING DETECTION AND
REPORTING SYSTEM /ALDARS/ INFORMATION IS AVAILABLE IN THE ASOS ROUTINE
AVIATION WEATHER REPORT /METAR/ AND THE AVIATION SELECTED SPECIAL WEATHER
REPORT /SPECI/...FOLLOWED BY DISCONNECTION FROM THE NWS AWIPS NETWORK.
WHEN THE LATTER OCCURS...THE DATA FROM THESE ASOS LOCATIONS WILL BE
TRANSMITTED LONG-LINE ONLY THROUGH THE TRANSMISSION PATH OF FAA ADAS
NETWORK.

THIS MESSAGE IS TO INFORM YOU OF THE DATES WHEN THE NWS AWIPS TRANSMISSION
PATH FOR THESE ASOS OBSERVATIONS AND MESSAGES WILL BE DISCONNECTED AT THE
NEXT LOCATIONS. ADDITIONAL TECHNICAL IMPLEMENTATION NOTICES WILL BE
ISSUED WHEN THE AWIPS TRANSMISSION PATH FOR THE ASOS OBSERVATIONS AND
MESSAGES ARE DISCONNECTED AT SUCCEEDING LOCATIONS.

SID	LOCATION	STATE	FAA ADAS START	NWS AWIPS END
KLBF	NORTH PLATTE	NE	08/29/02	09/18/02
KPIH	POCATELLO	ID	08/29/02	09/18/02

WHEN THE NWS AWIPS TRANSMISSION PATH CONNECTION FOR TRANSMITTING THESE ASOS OBSERVATIONS AND MESSAGES ENDS AT EACH LOCATION...ALL ASOS DATA TRANSMITTED LONG-LINE FROM THAT ASOS LOCATION WILL APPEAR UNDER THE "NEW" WMO HEADINGS/COLLECTIVE...AND WILL NO LONGER BE AVAILABLE UNDER THE "OLD" WMO HEADINGS/COLLECTIVES.

THIS CHANGE WILL AFFECT THE ASOS ROUTINE AVIATION METEOROLOGICAL REPORT /METAR/...AVIATION SELECTED SPECIAL WEATHER REPORT /SPECI/...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 THESE LOCATIONS:

METAR MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KLBF	SAUS43 KLBF	SAUS80 KWBC	SAUS70 KWBC
KPIH	SAUS45 KPIH	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KLBF	SPUS43 KLBF	SPUS80 KWBC	SPUS70 KWBC
KPIH	SPUS45 KPIH	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KLBF	SRUS63 KLBF	SRUS27 KZDV	DENVER
KPIH	SRUS65 KPIH	SRUS27 KZLC	SALT LAKE CITY

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KLBF	SRUS73 KLBF	SRUS27 KZDV	DENVER
KPIH	SRUS75 KPIH	SRUS27 KZLC	SALT LAKE CITY

ASOS DAILY SUMMARY:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
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KLBF CXUS43 KLBF CDUS27 KZDV DENVER
KPIH CXUS45 KPIH CDUS27 KZLC SALT LAKE CITY

ASOS MONTHLY SUMMARY MESSAGE:

ASOS WMO HEADER WMO HEADER FAA HUB
SID OLD NEW

KLBF CSUS43 KLBF CSUS27 KZDV DENVER
KPIH CSUS45 KPIH CSUS27 KZLC SALT LAKE CITY

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO REPROGRAM THEIR SYSTEMS NOW TO RECOGNIZE THE NEW BULLETIN HEADINGS FOR THESE ASOS OBSERVATIONS AND MESSAGES.

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 THIS CHANGE...PLEASE CONTACT:

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OR

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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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