NOUS41 KWBC 232000
PNSWSH

PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-29
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
400 PM EDT WED OCT 23 2002

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
          NOAA WEATHER WIRE SERVICE /NWWS/ 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 OCTOBER 23 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 /TIN/ 02-
28...TRANSMITTED ON OCTOBER 17 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
ASOS 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 TO 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 LOCATION. ADDITIONAL TECHNICAL IMPLEMENTATION NOTICES WILL BE ISSUED
WHEN THE AWIPS TRANSMISSION PATH FOR THE ASOS OBSERVATIONS AND MESSAGES
ARE DISCONNECTED AT SUCCEEDING LOCATIONS.

| | | | FAA ADAS | NWS AWIPS |
SID	LOCATION	STATE	START	END
KBOI	BOISE	ID	10/08/02	10/23/02

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 HEADING/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 THIS
LOCATION:

METAR MESSAGES:

```
ASOS
SID    WMO HEADER    WMO COLLECTIVE    WMO COLLECTIVE
       OLD           OLD               NEW
-------------------------------------------------------
KBOI   SAUS45 KBOI   SAUS80 KWBC       SAUS70 KWBC
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SPECI MESSAGES:

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ASOS
SID    WMO HEADER    WMO COLLECTIVE    WMO COLLECTIVE
       OLD           OLD               NEW
-------------------------------------------------------
KBOI   SPUS45 KBOI   SPUS80 KWBC       SPUS70 KWBC
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ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

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ASOS   WMO HEADER    WMO HEADER       FAA HUB
SID    OLD           NEW
-------------------------------------------------
KBOI   SRUS65 KBOI   SRUS27 KZLC      SALT LAKE CITY
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ASOS SHEF HOURLY ROUTINE MESSAGE:

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ASOS   WMO HEADER    WMO HEADER       FAA HUB
SID    OLD           NEW
-------------------------------------------------
KBOI   SRUS75 KBOI   SRUS27 KZLC      SALT LAKE CITY
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ASOS DAILY SUMMARY MESSAGE:

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ASOS   WMO HEADER    WMO HEADER       FAA HUB
SID    OLD           NEW
-------------------------------------------------
KBOI   CXUS45 KBOI   CDUS27 KZLC      SALT LAKE CITY
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ASOS MONTHLY SUMMARY MESSAGE:

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ASOS   WMO HEADER    WMO HEADER       FAA HUB
SID    OLD           NEW
-------------------------------------------------
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KBOI   CSUS45 KBOI   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:

DAVE MANNARANO
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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

END
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