

NOUS41 KWBC 192003  
PNSWSH

PUBLIC INFO. 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 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 SEPTEMBER 18 2002

...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 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 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.

	FAA ADAS	NWS AWIPS		
SID	LOCATION	STATE	START	END
KLBF	NORTH PLATTE	NE	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 HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KLBF	SAUS43 KLBF	SAUS80 KWBC	SAUS70 KWBC	
KPIH	SAUS45 KPIH	SAUS80 KWBC	SAUS70 KWBC	

SPECI MESSAGES

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

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

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

ASOS SHEF HOURLY ROUTINE MESSAGE

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

ASOS DAILY SUMMARY

ASOS WMO HEADING WMO HEADING  
SID OLD NEW FAA HUB

KLBF CXUS43 KLBF CDUS27 KZDV DENVER  
KPIH CXUS45 KPIH CDUS27 KZLC SALT LAKE CITY

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING  
SID OLD NEW FAA HUB

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 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 ON THE INTERNET AT /USE LOWER CASE LETTERS/:

<http://www.nws.noaa.gov/om/notif.htm>

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