

NOUS41 KWBC 132150  
PNSWSH

PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-34  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
450 PM EST WED NOV 13 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 NOVEMBER 13 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/ 02-33](#)...TRANSMITTED ON NOVEMBER 6 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 SYSTEMS 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 TINS WILL BE ISSUED WHEN THE AWIPS TRANSMISSION  
PATH FOR THE ASOS OBSERVATIONS AND MESSAGES ARE DISCONNECTED AT SUCCEEDING  
LOCATIONS.

SITE ID			FAA ALDARS	NWS AWIPS
/SID/	LOCATION	STATE	START	ENDS
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KBRO	BROWNSVILLE	TX	10/18/02	11/13/02
KLCH	LAKE CHARLES	LA	10/18/02	11/13/02

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" WORLD METEOROLOGICAL ORGANIZATION /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 THESE LOCATIONS:

METAR MESSAGES:

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	NEW WMO COLLECTIVE
KBRO	SAUS44 KBRO	SAUS80 KWBC	SAUS70 KWBC
KLCH	SAUS44 KLCH	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	NEW WMO COLLECTIVE
KBRO	SPUS44 KBRO	SPUS80 KWBC	SPUS70 KWBC
KLCH	SPUS44 KLCH	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KBRO	SRUS64 KBRO	SRUS27 KZHU	HOUSTON
KLCH	SRUS64 KLCH	SRUS27 KZHU	HOUSTON

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KBRO	SRUS74 KBRO	SRUS27 KZHU	HOUSTON
KLCH	SRUS74 KLCH	SRUS27 KZHU	HOUSTON

ASOS DAILY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KBRO	CXUS44 KBRO	CDUS27 KZHU	HOUSTON
KLCH	CXUS44 KLCH	CDUS27 KZHU	HOUSTON

ASOS MONTHLY SUMMARY MESSAGE:

ASOS SID ----	WMO HEADING OLD -----	WMO HEADING NEW -----	FAA HUB -----
KBRO	CSUS44 KBRO	CSUS27 KZHU	HOUSTON
KLCH	CSUS44 KLCH	CSUS27 KZHU	HOUSTON

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 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
EMAIL: <a href="mailto:DAVID.MANNARANO@NOAA.GOV">DAVID.MANNARANO@NOAA.GOV</a>		EMAIL: <a href="mailto:ANTHONY.ROBINSON@NOAA.GOV">ANTHONY.ROBINSON@NOAA.GOV</a>

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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