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PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 03-22
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1030 AM EDT THU MAY 15 2003

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 MAY 14 2003

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/ 03-
18](#)...TRANSMITTED ON APRIL 18 2003.

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 40 FEDERAL AVIATION
ADMINISTRATION /FAA/ SERVICE LEVEL A/B AUTOMATED SURFACE OBSERVING SYSTEM
/ASOS/ LOCATIONS IS CURRENTLY IN TRANSITION FROM THE NATIONAL WEATHER
SERVICE /NWS/ ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/
NETWORK COMMUNICATIONS PATHWAY TO THE FAA AUTOMATED WEATHER OBSERVING
SYSTEM /AWOS/-ASOS DATA ACQUISITION SYSTEM /ADAS/ NETWORK COMMUNICATIONS
PATHWAY. TRANSITION OF THESE 40 SERVICE LEVEL A/B LOCATIONS...SCHEDULED
THROUGH 2004...IS BEING DONE TO SUPPORT THE FAA/S INTEGRATED WEATHER
INFORMATION SYSTEM /ITWS/ ACQUISITION OF ASOS ONE-MINUTE OBSERVATIONS.
THIS TRANSITION INVOLVES CONNECTION OF THESE 40 ASOS SYSTEMS FROM NWS
AWIPS TRANSMISSION PATH TO THE FAA/S ADAS TRANSMISSION PATH...FOLLOWED BY
DISCONNECTION TO THE NWS AWIPS TRANSMISSION PATH. WHEN THE LATTER
OCCURS...THE DATA FROM THESE ASOS LOCATIONS WILL BE TRANSMITTED LONG-LINE
ONLY THROUGH THE FAA ADAS NETWORK COMMUNICATIONS TRANSMISSION PATH.

THIS MESSAGE IS TO INFORM YOU OF THE DATES WHEN THE NWS AWIPS TRANSMISSION
PATH WILL BE DISCONNECTED AT THE NEXT LOCATIONS. ADDITIONAL MESSAGES WILL
BE ISSUED WHEN AWIPS TRANSMISSION PATH IS DISCONNECTED AT SUCCEEDING
LOCATIONS.

SID	LOCATION	STATE	NWS AWIPS ENDS
KIAH	HOUSTON	TX	05/14/03
KSTL	ST. LOUIS	MO	05/14/03

WHEN THE NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT EACH LOCATION...ALL DATA FOR THESE LOCATIONS WILL BE TRANSMITTED LONG-LINE FROM FAA TO NWS AND DISSEMINATED UNDER THE NEW WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS/COLLECTIVES...AND WILL NO LONGER BE AVAILABLE UNDER THE OLD WMO HEADINGS/COLLECTIVES.

THIS CHANGE WILL AFFECT THE ASOS METAR AND SPECI REPORTS...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 THE LOCATIONS LISTED ABOVE:

METAR MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KIAH	SAUS44 KHGX	SAUS80 KWBC	SAUS70 KWBC
KSTL	SAUS43 KLSX	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KIAH	SPUS44 KHGX	SPUS80 KWBC	SPUS70 KWBC
KSTL	SPUS43 KLSX	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KIAH	SRUS64 KHGX	SRUS27 KZHU	HOUSTON
KSTL	SRUS63 KLSX	SRUS27 KZKC	OLATHE

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KIAH	SRUS74 KHGX	SRUS27 KZHU	HOUSTON
KSTL	SRUS73 KLSX	SRUS27 KZKC	OLATHE

ASOS DAILY SUMMARY MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KIAH	CXUS44 KHGX	CDUS27 KZHU	HOUSTON
KSTL	CXUS43 KLSX	CDUS27 KZKC	OLATHE

ASOS MONTHLY SUMMARY MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KIAH	CSUS44 KHGX	CSUS27 KZHU	HOUSTON
KSTL	CSUS43 KLSX	CSUS27 KZKC	OLATHE

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO 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 THIS CHANGE...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)

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