

NOUS41 KWBC 151431
PNSWSH

PUBLIC INFO. 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...
NOAAPORT 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 MAY 14 2003

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
ASOSS 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.

NWS AWIPS

SID LOCATION STATE 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 THIS LOCATION...

METAR MESSAGES

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

SPECI MESSAGES

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

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

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

ASOS SHEF HOURLY ROUTINE MESSAGE

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

ASOS DAILY SUMMARY MESSAGE

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

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW
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 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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