

NOUS41 KWBC 251551  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-04  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
1052 AM EST THU JAN 24 2007

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 AND PARTNERS...NWS EMPLOYEES

FROM: JOSEPH FACUNDO  
CHIEF...OBSERVING SYSTEMS BRANCH  
OFFICE OF OPERATIONAL SYSTEMS

SUBJECT: AUTOMATED SURFACE OBSERVING SYSTEM /ASOS/  
COMMUNICATIONS TRANSFER FROM NWS TO FEDERAL AVIATION  
ADMINISTRATION /FAA/ FOR DALLAS/ FORT WORTH TEXAS AND  
TUCSON ARIZONA: EFFECTIVE JANUARY 24 2007.

NOTE: THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER WIRE  
SERVICE SUBSCRIBERS.

THIS IS THE LATEST MESSAGE IN A SERIES OF TECHNICAL  
IMPLEMENTATION NOTICES /TIN/. THE LAST TIN ON THIS SUBJECT WAS  
TIN 07-02 TRANSMITTED JANUARY 18 2007.

THIS MESSAGE LISTS THE EFFECTIVE DATE THE NWS ADVANCED WEATHER  
INTERACTIVE PROCESSING SYSTEM /AWIPS/ TRANSMISSION PATH HAS BEEN  
DISCONNECTED AT SPECIFIC ASOS LOCATIONS. ADDITIONAL MESSAGES WILL  
BE ISSUED WHEN THE AWIPS TRANSMISSION PATH HAS BEEN DISCONNECTED  
AT SUCCEEDING LOCATIONS.

LONG-LINE TRANSMISSION OF OBSERVATIONS FROM A SELECT GROUP OF  
ASOS LOCATIONS IS MOVING FROM NWS AWIPS NETWORK COMMUNICATIONS  
PATHWAY TO FAA AUTOMATED WEATHER OBSERVING SYSTEM /AWOS/-ASOS  
DATA ACQUISITION SYSTEM /ADAS/ NETWORK COMMUNICATIONS PATHWAY.

THIS TRANSITION...SCHEDULED THROUGH 2008...INVOLVES CONNECTION OF  
THESE ASOSES TO THE FAA ADAS TRANSMISSION PATH FOLLOWED BY  
DISCONNECTION FROM THE NWS AWIPS TRANSMISSION PATH. WHEN THE  
CHANGE OCCURS SELECT OBSERVATIONS FROM THESE ASOS LOCATIONS WILL  
BE TRANSMITTED LONG-LINE ONLY THROUGH THE FAA ADAS NETWORK  
COMMUNICATIONS TRANSMISSION PATH. ON JANUARY 24 2007 THE  
FOLLOWING ASOS LOCATIONS TRANSITIONED NETWORK COMMUNICATION  
PATHWAYS FROM NWS AWIPS TO FAA ADAS:

SID	LOCATION	STATE	NWS AWIPS TERMINATED
-----	----------	-------	----------------------

KFTW	DALLAS/ FORT WORTH	TX	01/24/07
KTUS	TUCSON	AZ	01/24/07

WHEN NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT THESE LOCATIONS...SELECT OBSERVATIONS FOR THESE LOCATIONS WILL BE TRANSMITTED LONG-LINE FROM FAA TO NWS AND DISSEMINATED UNDER NEW WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS/COLLECTIVES AND WILL NO LONGER BE AVAILABLE UNDER FORMER WMO HEADINGS/ COLLECTIVES.

THIS CHANGE WILL AFFECT THE FOLLOWING ASOS OBSERVATIONS: ASOS AVIATION ROUTINE WEATHER REPORTS /METAR/...AVIATION SELECTED SPECIAL WEATHER REPORTS /SPECI/...STANDARD HYDRO METEOROLOGICAL EXCHANGE FORMAT /SHEF/ PRECIPITATION CRITERIA...SHEF HOURLY ACCUMULATION MESSAGES...DAILY SUMMARY MESSAGES /DSM/ AND MONTHLY SUMMARY MESSAGES /MSM/.

THE FOLLOWING ARE WMO BULLETIN HEADINGS/COLLECTIVES CHANGES FOR DALLAS/ FORT WORTH TEXAS AND TUCSON ARIZONA:

METAR MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KFTW	SAUS44	KFWD	SAUS80	KWBC SAUS70
KTUS	SAUS45	KTWC	SAUS80	KWBC SAUS70

SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KFTW	SPUS44	KFWD	SPUS80	KWBC SPUS70
KTUS	SPUS45	KTWC	SPUS80	KWBC SPUS70

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KFTW	SRUS64	KFWD	SRUS27 KZFW FORT WORTH
KTUS	SRUS65	KTWC	SRUS27 KZAB ALBUQUERQUE

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KFTW	SRUS74	KFWD	SRUS27 KZFW FORTH WORTH
KTUS	SRUS75	KTWC	SRUS27 KZAB ALBUQUERQUE

ASOS DAILY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KFTW	CXUS44	KFWD	CDUS27 KZFW FORT WORTH
KTUS	CXUS45	KTWC	CDUS27 KZAB ALBUQUERQUE

ASOS MONTHLY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KFTW	CSUS44	KFWD	CSUS27 KZFW FORT WORTH
KTUS	CSUS45	KTWC	CSUS27 KZAB ALBUQUERQUE

USERS WITH AUTOMATIC DECODERS SHOULD 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 THESE CHANGES...PLEASE CONTACT:

DAVE MANNARANO  
OFFICE OF OPERATIONAL SYSTEMS  
W/OPS22  
SILVER SPRING MARYLAND 20910  
PHONE: 301-713-2093 EXT. 103  
E-MAIL: DAVID.MANNARANO@NOAA.GOV

OR

ANTHONY ROBINSON  
OFFICE OF CLIMATE WATER AND WEATHER SERVICES  
W/OS12  
SILVER SPRING MARYLAND 20910  
PHONE: 301-713-1373 EXT. 165  
E-MAIL: ANTHONY.ROBINSON@NOAA.GOV

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM)

\$\$  
NNNN