

NOUS41 KWBC 212005
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-12
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
305 PM EST THU FEB 21 2008

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/ PARTNERS AND OTHER USERS...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 TAMPA FLORIDA AND EL PASO
TEXAS: EFFECTIVE FEBRUARY 21 2008

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 08-08 DATED JANUARY 24 2008.

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 2010...INVOLVES CONNECTION OF
THESE ASOS 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 FEBRUARY 21 2008 THE
FOLLOWING ASOS LOCATIONS TRANSITIONED NETWORK COMMUNICATION
PATHWAYS FROM NWS AWIPS TO FAA ADAS:

SID	LOCATION	STATE	NWS AWIPS TERMINATED
KTPA	TAMPA	FL	02/21/08
KELP	EL PASO	TX	02/21/08

WHEN NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT THESE LOCATIONS...SELECT OBSERVATIONS 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 TAMPA FLORIDA AND EL PASO TEXAS:

METAR MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KTPA	SAUS42 KTBW	SAUS80 KWBC	SAUS70 KWBC	
KELP	SAUS44 KEPZ	SAUS80 KWBC	SAUS70 KWBC	

SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KTPA	SPUS42 KTBW	SPUS80 KWBC	SPUS70 KWBC	
KELP	SPUS44 KEPZ	SPUS80 KWBC	SPUS70 KWBC	

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KTPA	SRUS62 KTBW	SRUS27 KZMA	MIAMI
KELP	SRUS64 KEPZ	SRUS27 KZAB	ALBUQUERQUE

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KTPA	SRUS72 KTBW	SRUS27 KZMA	MIAMI
KELP	SRUS74 KEPZ	SRUS27 KZAB	ALBUQUERQUE

ASOS DAILY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KTPA CXUS42 KTBW CDUS27 KZMA MIAMI
KELP CXUS44 KEPZ CDUS27 KZAB ALBUQUERQUE

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KTPA CSUS42 KTBW CSUS27 KZMA MIAMI
KELP CSUS44 KEPZ 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 USERS 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

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