

NOUS41 KWBC 271521
PNSWSH

PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-35
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1020 AM EST WED NOV 27 2002

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA WEATHER
WIRE SERVICE /NWS/ SUBSCRIBERS...EMERGENCY MANAGERS
WEATHER INFORMATION NETWORK /EMWIN/ 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 NOVEMBER 20 2002

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 TIN 02-34...TRANSMITTED ON
NOVEMBER 13 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 ASOSS 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 WERE
DISCONNECTED AT THE NEXT LOCATION. ADDITIONAL TECHNICAL
IMPLEMENTATION NOTICES WILL BE ISSUED WHEN THE AWIPS TRANSMISSION
PATH FOR THE ASOS OBSERVATIONS AND MESSAGES ARE DISCONNECTED AT
SUCCEEDING LOCATIONS.

	FAA ADAS	NWS AWIPS		
SID	LOCATION	STATE	START	END

KGTF	GREAT FALLS	MT	NOT REQUIRED*	11/20/02
------	-------------	----	---------------	----------

* GTF IS A 24-HOUR AIR TRAFFIC CONTROL TOWER. ALDARS WILL NOT BE ENABLED AT THIS TIME.

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" 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 THIS LOCATION:

METAR MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KGTF	SAUS45 KTFX	SAUS80 KWBC		SAUS70 KWBC

SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KGTF	SPUS45 KTFX	SPUS80 KWBC		SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KGTF	SRUS65 KTFX	SRUS27 KZLC	SALT LAKE CITY

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KGTF	SRUS75 KTFX	SRUS27 KZLC	SALT LAKE CITY

ASOS DAILY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
-------------	--------------------	--------------------	---------

KGTF CXUS45 KTFX CDUS27 KZLC SALT LAKE CITY

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KGTF CSUS45 KTFX CSUS27 KZLC SALT LAKE CITY

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 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>

END
\$\$
NNNN