

NOUS41 KWBC 271520
PNSWSH

PUBLIC INFORMATION 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 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 NOVEMBER 20 2002

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/ 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
ASOS SYSTEMS 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.

SITE ID			FAA ALDARS	NWS AWIPS
/SID/	LOCATION	STATE	START	ENDS
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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" WORLD METEOROLOGICAL ORGANIZATION /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	WMO COLLECTIVE	
	OLD	OLD	NEW WMO COLLECTIVE
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KGTF	SAUS45 KTFX	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

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

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

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

ASOS SHEF HOURLY ROUTINE MESSAGE:

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

ASOS DAILY SUMMARY MESSAGE:

ASOS	WMO HEADING	WMO HEADING	FAA HUB
SID	OLD	NEW	
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KGTF	CXUS45 KTFX	CDUS27 KZLC	SALT LAKE CITY

ASOS MONTHLY SUMMARY MESSAGE:

ASOS	WMO HEADING	WMO HEADING	FAA HUB
SID	OLD	NEW	
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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 FIVE 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
EMAIL: DAVID.MANNARANO@NOAA.GOV		EMAIL: ANTHONY.ROBINSON@NOAA.GOV

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

END
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