

NOUS41 KWBC 302005  
PNSWSH

PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-32  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
305 PM EST WED OCT 30 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 OCTOBER 30 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 02-29...TRANSMITTED ON  
OCTOBER 23 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 WILL  
BE 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
KSJT	SAN ANGELO	TX	10/17/02	10/30/02
KILM	WILMINGTON	NC	10/18/02	10/30/02

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
KILM	SAUS42 KILM	SAUS80 KWBC	SAUS70 KWBC	
KSJT	SAUS44 KSJT	SAUS80 KWBC	SAUS70 KWBC	

#### SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KILM	SPUS42 KILM	SPUS80 KWBC	SPUS70 KWBC	
KSJT	SPUS44 KSJT	SPUS80 KWBC	SPUS70 KWBC	

#### ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KILM	SRUS62 KILM	SRUS27 KZDC	WASHINGTON DC
KSJT	SRUS64 KSJT	SRUS27 KZFW	FORT WORTH

#### ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KILM	SRUS72 KILM	SRUS27 KZDC	WASHINGTON DC
KSJT	SRUS74 KSJT	SRUS27 KZFW	FORT WORTH

#### ASOS DAILY SUMMARY MESSAGE

ASOS	WMO HEADING	WMO HEADING	FAA HUB
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SID OLD NEW

KILM CXUS42 KILM CDUS27 KZDC WASHINGTON DC  
KSJT CXUS44 KSJT CDUS27 KZFW FORT WORTH

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB  
SID OLD NEW

KILM CSUS42 KILM CSUS27 KZDC WASHINGTON DC  
KSJT CSUS44 KSJT CSUS27 KZFW FORT WORTH

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>

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