

NOUS41 KWBC 092116  
PNSWSH

PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-27  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
230 PM EDT THU OCT 10 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 9 2002 AND OCTOBER 10 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 TECHNICAL IMPLEMENTATION  
NOTICE 02-22...TRANSMITTED ON OCTOBER 3 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 LOCATIONS. 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

KEYW	KEY WEST	FL	10/02/02	10/09/02
KBIS	BISMARCK	ND	10/01/02	10/10/02
KGJT	GRAND JUNCTION	CO	10/01/02	10/10/02
KJKL	JACKSON	KY	10/01/02	10/10/02

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 THESE LOCATIONS:

METAR MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KBIS	SAUS43 KBIS	SAUS80 KWBC	SAUS70 KWBC	
KEYW	SAUS42 KEYW	SAUS80 KWBC	SAUS70 KWBC	
KGJT	SAUS45 KGJT	SAUS80 KWBC	SAUS70 KWBC	
KJKL	SAUS43 KJKL	SAUS80 KWBC	SAUS70 KWBC	

SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KBIS	SPUS43 KBIS	SPUS80 KWBC	SPUS70 KWBC	
KEYW	SPUS42 KEYW	SPUS80 KWBC	SPUS70 KWBC	
KGJT	SPUS45 KGJT	SPUS80 KWBC	SPUS70 KWBC	
KJKL	SPUS43 KJKL	SPUS80 KWBC	SPUS70 KWBC	

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KBIS	SRUS63 KBIS	SRUS27 KZMP	MINNEAPOLIS
KEYW	SRUS62 KEYW	SRUS27 KZMA	MIAMI
KGJT	SRUS65 KGJT	SRUS27 KZDV	DENVER
KJKL	SRUS63 KJKL	SRUS27 KZID	INDIANAPOLIS

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB  
SID OLD NEW

KBIS SRUS73 KBIS SRUS27 KZMP MINNEAPOLIS  
KEYW SRUS72 KEYW SRUS27 KZMA MIAMI  
KGJT SRUS75 KGJT SRUS27 KZDV DENVER  
KJKL SRUS73 KJKL SRUS27 KZID INDIANAPOLIS

ASOS DAILY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB  
SID OLD NEW

KBIS CXUS43 KBIS CDUS27 KZMP MINNEAPOLIS  
KEYW CXUS42 KEYW CDUS27 KZMA MIAMI  
KGJT CXUS45 KGJT CDUS27 KZDV DENVER  
KJKL CXUS43 KJKL CDUS27 KZID INDIANAPOLIS

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB  
SID OLD NEW

KBIS CSUS43 KBIS CSUS27 KZMP MINNEAPOLIS  
KEYW CSUS42 KEYW CSUS27 KZMA MIAMI  
KGJT CSUS45 KGJT CSUS27 KZDV DENVER  
KJKL CSUS43 KJKL CSUS27 KZID INDIANAPOLIS

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO REPROGRAM THEIR SYSTEMS NOW TO RECOGNIZE THE NEW BULLETIN HEADERS 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