

NOUS41 KWBC 101830
PNSWSH

PUBLIC INFORMATION 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 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 OCTOBER 9 2002 AND OCTOBER 10
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-
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
ASOS 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.

SID	LOCATION	STATE	FAA ADAS START	NWS AWIPS 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 HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
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 HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
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 HEADER OLD	WMO HEADER 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 SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
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 SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
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 SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
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 FIVE MINUTES DUE TO INCREASED COMMUNICATIONS HANDLING BETWEEN FAA AND NWS.

IF YOU HAVE ANY QUESTIONS ABOUT THIS CHANGE...PLEASE CONTACT:

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OR

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

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

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