

NOUS41 KWBC 301450
PNSWSH

PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-14
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1050 PM EDT TUE JUL 30 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 JULY 31 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/ 01-
25](#)...TRANSMITTED ON SEPTEMBER 26 2001

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 34 AUTOMATED SURFACE
OBSERVING SYSTEM /ASOS/ LOCATIONS IS CURRENTLY IN TRANSITION FROM THE
NATIONAL WEATHER SERVICE /NWS/ ADVANCED WEATHER INTERACTIVE PROCESSING
SYSTEM /AWIPS/ NETWORK TO THE FEDERAL AVIATION ADMINISTRATION /FAA/ AWOS-
ASOS DATA ACQUISITION SYSTEM /ADAS/ NETWORK. THIS TRANSITION INVOLVES
CONNECTION OF SELECT ASOSES 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 FROM
THE NWS AWIPS NETWORK. WHEN THE LATTER OCCURS...THE DATA FROM THESE ASOS
LOCATIONS WILL BE TRANSMITTED LONG-LINE ONLY THROUGH THE FAA ADAS NETWORK.

THIS MESSAGE IS TO INFORM YOU OF THE DATES WHEN THE AWIPS TRANSMISSION
PATH FOR THESE ASOS OBS WILL BE DISCONNECTED AT THE FIRST THREE LOCATIONS.
ADDITIONAL TECHNICAL IMPLEMENTATION NOTICES WILL BE ISSUED WHEN THE AWIPS
TRANSMISSION PATH FOR THE ASOS OBSERVATIONS IS DISCONNECTED AT SUCCEEDING
LOCATIONS.

SID	LOCATION	STATE	FAA ADAS START	NWS AWIPS END
KATL	ATLANTA	GA	05/05/02	07/31/02
KBGM	BINGHAMTON	NY	07/26/02	07/31/02
KSGF	SPRINGFIELD	NY	05/31/02	07/31/02

WHEN THE NWS AWIPS CONNECTIVITY FOR TRANSMITTING THESE ASOS OBSERVATIONS ENDS AT EACH LOCATION...ALL ASOS DATA TRANSMITTED LONG-LINE FROM THAT OBSERVING LOCATION WILL APPEAR UNDER THE "NEW" WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADER/COLLECTIVE AND WILL NO LONGER BE AVAILABLE UNDER THE "OLD" WMO HEADERS/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 HEADER/COLLECTIVE CHANGES WILL OCCUR FOR THESE THREE LOCATIONS:

METAR MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KATL	SAUS42 KFFC	SAUS80 KWBC	SAUS70 KWBC
KBGM	SAUS41 KBGM	SAUS80 KWBC	SAUS70 KWBC
KSGF	SAUS43 KSGF	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KATL	SPUS42 KFFC	SPUS80 KWBC	SPUS70 KWBC
KBGM	SPUS41 KBGM	SPUS80 KWBC	SPUS70 KWBC
KSGF	SPUS43 KSGF	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIP CRITERIA MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KATL	SRUS62 KFFC	SRUS27 KZTL	ATLANTA
KBGM	SRUS61 KBGM	SRUS27 KZNY	NEW YORK
KSGF	SRUS63 KSGF	SRUS27 KZKC	KANSAS CITY

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KATL	SRUS72 KFFC	SRUS27 KZTL	ATLANTA
KBGM	SRUS71 KBGM	SRUS27 KZNY	NEW YORK
KSGF	SRUS73 KSGF	SRUS27 KZKC	KANSAS CITY

ASOS DAILY SUMMARY:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KATL	CXUS42 KFFC	CDUS27 KZTL	ATLANTA
KBGM	CXUS41 KBGM	CDUS27 KZNY	NEW YORK
KSGF	CXUS43 KSGF	CDUS27 KZKC	KANSAS CITY

ASOS MONTHLY SUMMARY MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KATL	CSUS42 KFFC	CSUS27 KZTL	ATLANTA
KBGM	CSUS41 KBGM	CSUS27 KZNY	NEW YORK
KSGF	CSUS43 KSGF	CSUS27 KZKC	KANSAS CITY

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO REPROGRAM THEIR SYSTEMS NOW TO RECOGNIZE THE NEW BULLETIN HEADERS FOR THESE ASOS OBSERVATIONS.

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)

END
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