

NOUS41 KWBC 301447  
PNSWSH

PUBLIC INFO. 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 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 JULY 31 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 01-25...TRANSMITTED ON  
9/26/01...

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 3 LOCATIONS. ADDITIONAL TECHNICAL IMPLEMENTATION NOTICES  
WILL BE ISSUED WHEN THE AWIPS TRANSMISSION PATH FOR THE ASOS  
OBSERVATIONS IS DISCONNECTED AT SUCCEEDING LOCATIONS.

SID	LOCATION	FAA ADAS STATE	NWS AWIPS START	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" 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 3 LOCATIONS:

METAR MESSAGES

ASOS SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
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	WMO COLLECTIVE
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	WMO HEADER 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	WMO HEADER 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 5 MINUTES DUE TO INCREASED COMMUNICATIONS HANDLING BETWEEN FAA AND NWS.

IF YOU HAVE ANY QUESTIONS ABOUT THIS CHANGE...PLEASE CONTACT:  
DAVE MANNARANO AT 301-713-2093 X 103...OR VIA E-MAIL:  
David.Mannarano@noaa.gov OR ANTHONY ROBINSON AT 301-713-1373 X  
110...OR VIA E-MAIL: Anthony.Robinson@noaa.gov.

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE ON THE INTERNET AT /USE LOWER CASE/:

<http://www.nws.noaa.gov/om/notif.htm>

END  
NNNN