

NOUS41 KWBC 172052
PNSWSH

PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-28
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
455 PM EDT THU OCT 17 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 16 2002 AND OCTOBER 17 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 02-27...TRANSMITTED ON
OCTOBER 10 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
KGRB	GREEN BAY	WI	09/30/02	10/16/02

KPUB PUEBLO	CO	09/30/02	10/16/02
KABR ABERDEEN	SD	10/01/02	10/17/02
KPAH PADUCAH	KY	10/02/02	10/17/02
KGSP GREER	SC	10/03/02	10/17/02

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
KABR	SAUS43 KABR	SAUS80 KWBC	SAUS70 KWBC	
KGRB	SAUS43 KGRB	SAUS80 KWBC	SAUS70 KWBC	
KGSP	SAUS42 KGSP	SAUS80 KWBC	SAUS70 KWBC	
KPAH	SAUS43 KPAH	SAUS80 KWBC	SAUS70 KWBC	
KPUB	SAUS45 KPUB	SAUS80 KWBC	SAUS70 KWBC	

SPECI MESSAGES

ASOS SID	WMO HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KABR	SPUS43 KABR	SPUS80 KWBC	SPUS70 KWBC	
KGRB	SPUS43 KGRB	SPUS80 KWBC	SPUS70 KWBC	
KGSP	SPUS42 KGSP	SPUS80 KWBC	SPUS70 KWBC	
KPAH	SPUS43 KPAH	SPUS80 KWBC	SPUS70 KWBC	
KPUB	SPUS45 KPUB	SPUS80 KWBC	SPUS70 KWBC	

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KABR	SRUS63 KABR	SRUS27 KZMP	MINNEAPOLIS
KGRB	SRUS63 KGRB	SRUS27 KZMP	MINNEAPOLIS
KGSP	SRUS62 KGSP	SRUS27 KZTL	ATLANTA
KPAH	SRUS63 KPAH	SRUS27 KZME	MEMPHIS
KPUB	SRUS65 KPUB	SRUS27 KZDV	DENVER

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KABR	SRUS73 KABR	SRUS27 KZMP	MINNEAPOLIS
KGRB	SRUS73 KGRB	SRUS27 KZMP	MINNEAPOLIS
KGSP	SRUS72 KGSP	SRUS27 KZTL	ATLANTA
KPAH	SRUS73 KPAH	SRUS27 KZME	MEMPHIS
KPUB	SRUS75 KPUB	SRUS27 KZDV	DENVER

ASOS DAILY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KABR	CXUS43 KABR	CDUS27 KZMP	MINNEAPOLIS
KGRB	CXUS43 KGRB	CDUS27 KZMP	MINNEAPOLIS
KGSP	CXUS42 KGSP	CDUS27 KZTL	ATLANTA
KPAH	CXUS43 KPAH	CDUS27 KZME	MEMPHIS
KPUB	CXUS45 KPUB	CDUS27 KZDV	DENVER

ASOS MONTHLY SUMMARY MESSAGE

ASOS SID	WMO HEADING OLD	WMO HEADING NEW	FAA HUB
KABR	CSUS43 KABR	CSUS27 KZMP	MINNEAPOLIS
KGRB	CSUS43 KGRB	CSUS27 KZMP	MINNEAPOLIS
KGSP	CSUS42 KGSP	CSUS27 KZTL	ATLANTA
KPAH	CSUS43 KPAH	CSUS27 KZME	MEMPHIS
KPUB	CSUS45 KPUB	CSUS27 KZDV	DENVER

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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