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PNSWSH

PUBLIC INFORMATION 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 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 16 2002 AND OCTOBER 17
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-
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
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
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

SID	LOCATION	STATE	FAA ADAS START	NWS AWIPS END
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 HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
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 HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
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 HEADER OLD	WMO HEADER 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 HEADER OLD	WMO HEADER 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 HEADER OLD	WMO HEADER 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 HEADER OLD	WMO HEADER 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 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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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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