

NOUS41 KWBC 162030
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-27
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
430 PM EDT WED JUN 16 2004

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS
NOAAPORT SUBSCRIBERS
OTHER CUSTOMERS OF NWS AVIATION DATA AND FORECASTS
NWS EMPLOYEES

FROM: JOSEPH FACUNDO
CHIEF...OBSERVING SYSTEMS BRANCH

SUBJECT: AUTOMATED SURFACE OBSERVING SYSTEM /ASOS/ COMMUNICATIONS TRANSFER
FROM NATIONAL WEATHER SERVICE TO FEDERAL AVIATION ADMINISTRATION
/FAA/...EFFECTIVE JUNE 16 2004

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
TECHNICAL IMPLEMENTATION NOTICE /TIN/ ISSUED ON THIS SUBJECT WAS [TIN 03-40](#)
TRANSMITTED ON SEPTEMBER 24 2003.

THIS MESSAGE IS TO INFORM YOU OF EFFECTIVE DATES THE NWS ADVANCED WEATHER
INTERACTIVE PROCESSING SYSTEM /AWIPS/ TRANSMISSION PATH WILL BE
DISCONNECTED AT THE NEXT ASOS LOCATIONS. ADDITIONAL MESSAGES WILL BE
ISSUED WHEN THE AWIPS TRANSMISSION PATH IS DISCONNECTED AT SUCCEEDING
LOCATIONS.

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 37 FAA SERVICE LEVEL A AND
B BUT MOSTLY C AND D...ASOS LOCATIONS IS CURRENTLY IN TRANSITION FROM THE
NWS AWIPS NETWORK COMMUNICATIONS PATHWAY TO THE FAA AUTOMATED WEATHER
OBSERVING SYSTEM /AWOS/-ASOS DATA ACQUISITION SYSTEM /ADAS/ NETWORK
COMMUNICATIONS PATHWAY. TRANSITION OF THESE 37 FAA LOCATIONS...SCHEDULED
THROUGH 2005...IS BEING DONE TO SUPPORT THE TRANSITION OF COMMUNICATIONS
TRANSMISSION PATHWAY RESPONSIBILITY FROM NWS TO FAA. THIS TRANSITION
INVOLVES CONNECTION OF THESE 37 ASOS LOCATIONS FROM THE NWS AWIPS
TRANSMISSION PATH TO THE FAA ADAS TRANSMISSION PATH...FOLLOWED BY
DISCONNECTION TO THE NWS AWIPS TRANSMISSION PATH. WHEN THE LATTER
OCCURS...THE DATA FROM THESE ASOS LOCATIONS WILL BE TRANSMITTED LONG-LINE
ONLY THROUGH THE FAA ADAS NETWORK COMMUNICATIONS TRANSMISSION PATH.

EFFECTIVE JUNE 16 2004...THE FOLLOWING TWO ASOS LOCATIONS WILL TRANSITION FROM NWS AWIPS TO FAA ADAS:

SID	LOCATION	STATE	NWS AWIPS ENDS
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KLGB	LONG BEACH	CA	6/16/04
KLNK	LINCOLN	NE	6/16/04

WHEN THE NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT EACH LOCATION...ALL DATA FOR THESE LOCATIONS WILL BE TRANSMITTED LONG-LINE FROM FAA TO NWS GATEWAY AND DISSEMINATED UNDER THE NEW WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS/COLLECTIVES...AND WILL NO LONGER BE AVAILABLE UNDER THE FORMER WMO HEADINGS/COLLECTIVES.

THIS CHANGE WILL AFFECT THE ASOS METAR AND SPECI REPORTS...STANDARD HYDRO METEOROLOGICAL 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
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KLGB	SAUS46 KLOX	SAUS80 KWBC	SAUS70 KWBC
KLNK	SAUS43 KOAX	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

ASOS SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
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KLGB	SPUS46 KLOX	SPUS80 KWBC	SPUS70 KWBC
KLNK	SPUS43 KOAX	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGES:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
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KLGB	SRUS66 KLOX	SRUS27 KZLA	LOS ANGELES
KLNK	SRUS63 KOAX	SRUS27 KZMP	MINNEAPOLIS

ASOS SHEF HOURLY ROUTINE MESSAGES:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KLGB	SRUS76 KLOX	SRUS27 KZLA	LOS ANGELES
KLNK	SRUS73 KOAX	SRUS27 KZMP	MINNEAPOLIS

ASOS DAILY SUMMARY MESSAGES:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KLGB	CXUS46 KLO	CDUS27 KZLA	LOS ANGELES
KLNK	CXUS43 KOAX	CDUS27 KZMP	MINNEAPOLIS

ASOS MONTHLY SUMMARY MESSAGES:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KLGB	CSUS46 KLOX	CSUS27 KZLA	LOS ANGELES
KLNK	CSUS43 KOAX	CSUS27 KZMP	MINNEAPOLIS

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO REPROGRAM THEIR SYSTEMS NOW TO RECOGNIZE THE NEW BULLETIN HEADINGS 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 THESE CHANGES...PLEASE CONTACT:

DAVE MANNARANO
PHONE: 301-713-2093 X 103
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OR

ANTHONY ROBINSON
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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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