

NOUS41 KWBC 162025  
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 NATIONAL WEATHER SERVICE  
/NWS/ CUSTOMERS AND PARTNERS...NWS EMPLOYEES

FROM: JOSEPH FACUNDO  
CHIEF...OBSERVING SYSTEMS BRANCH  
OFFICE OF OPERATIONAL SYSTEMS

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 MESSAGE 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...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:

NWS AWIPS

SID LOCATION STATE ENDS

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 HEADING OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW	WMO COLLECTIVE
KLGB	SAUS46 KLOX	SAUS80 KWBC	SAUS70 KWBC	
KLNK	SAUS43 KOAX	SAUS80 KWBC	SAUS70 KWBC	

SPECI MESSAGES

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

ASOS SHEF PRECIPITATION CRITERIA MESSAGES

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

ASOS SHEF HOURLY ROUTINE MESSAGES

ASOS WMO HEADING WMO HEADING FAA HUB

SID OLD NEW

KLGB SRUS76 KLOX SRUS27 KZLA LOS ANGELES  
KLNK SRUS73 KOAX SRUS27 KZMP MINNEAPOLIS

ASOS DAILY SUMMARY MESSAGES

ASOS WMO HEADING WMO HEADING FAA HUB  
SID OLD NEW

KLGB CXUS46 KLOX CDUS27 KZLA LOS ANGELES  
KLNK CXUS43 KOAX CDUS27 KZMP MINNEAPOLIS

ASOS MONTHLY SUMMARY MESSAGES

ASOS WMO HEADING WMO HEADING FAA HUB  
SID OLD NEW

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 5 MINUTES DUE TO INCREASED COMMUNICATIONS HANDLING BETWEEN FAA AND NWS.

IF YOU HAVE ANY QUESTIONS ABOUT THESE CHANGES. . .PLEASE CONTACT ONE OF THE FOLLOWING PEOPLE AT NWS HEADQUARTERS:

DAVE MANNARANO  
OFFICE OF OPERATIONAL SYSTEMS  
W/OPS22  
SILVER SPRING MARYLAND 20910  
PHONE: 301-713-2093 EXT. 103  
E-MAIL: DAVID.MANNARANO@NOAA.GOV

OR

ANTHONY ROBINSON  
OFFICE OF CLIMATE WATER AND WEATHER SERVICES  
W/OS12

SILVER SPRING MARYLAND 20910  
PHONE: 301-713-1373 EXT. 165  
E-MAIL: ANTHONY.ROBINSON@NOAA.GOV

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE  
ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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