

NOUS41 KWBC 131630
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-12
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1130 AM EST MON MAR 13 2006

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
OFFICE OF OPERATIONAL SYSTEMS

SUBJECT: AUTOMATED SURFACE OBSERVING SYSTEM /ASOS/ COMMUNICATIONS TRANSFER
FROM NWS TO FEDERAL AVIATION ADMINISTRATION /FAA/ FOR KIRKSVILLE MISSOURI
AND TETERBORO NEW JERSEY: EFFECTIVE MARCH 9 2006

NOTE: THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER WIRE SERVICE
SUBSCRIBERS.

THIS IS THE LATEST MESSAGE IN A SERIES OF TECHNICAL IMPLEMENTATION NOTICES
/TINS/. THE LAST TIN ON THIS SUBJECT WAS [TIN 06-08](#)...TRANSMITTED FEBRUARY
17 2006.

THIS MESSAGE LISTS THE EFFECTIVE DATE THE NWS ADVANCED WEATHER INTERACTIVE
PROCESSING SYSTEM /AWIPS/ TRANSMISSION PATH HAS BEEN DISCONNECTED AT
SPECIFIC ASOS LOCATIONS. ADDITIONAL MESSAGES WILL BE ISSUED WHEN THE
AWIPS TRANSMISSION PATH HAS BEEN DISCONNECTED AT SUCCEEDING LOCATIONS.

LONG-LINE TRANSMISSION OF OBSERVATIONS FROM A SELECT GROUP OF ASOS
LOCATIONS IS MOVING FROM NWS AWIPS NETWORK COMMUNICATIONS PATHWAY TO FAA
AUTOMATED WEATHER OBSERVING SYSTEM /AWOS/-ASOS DATA ACQUISITION SYSTEM
/ADAS/ NETWORK COMMUNICATIONS PATHWAY.

THIS TRANSITION...SCHEDULED THROUGH 2007...INVOLVES CONNECTION OF THESE
ASOSES TO THE FAA ADAS TRANSMISSION PATH FOLLOWED BY DISCONNECTION FROM
THE NWS AWIPS TRANSMISSION PATH. WHEN THE CHANGE OCCURS...SELECT
OBSERVATIONS FROM THESE ASOS LOCATIONS WILL BE TRANSMITTED LONG-LINE ONLY
THROUGH THE FAA ADAS NETWORK COMMUNICATIONS TRANSMISSION PATH.

ON MARCH 9 2006...THE FOLLOWING ASOS LOCATIONS TRANSITIONED NETWORK
COMMUNICATION PATHWAYS FROM NWS AWIPS TO FAA ADAS:

SID	LOCATION	STATE	NWS AWIPS TERMINATED
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KIRK	KIRKSVILLE	MO	03/09/06
KTEB	TETERBORO	NJ	03/09/06

WHEN NWS AWIPS TRANSMISSION PATH CONNECTION ENDED AT THESE LOCATIONS...SELECT OBSERVATIONS FOR THESE LOCATIONS ARE NOW TRANSMITTED LONG-LINE FROM FAA TO NWS AND DISSEMINATED UNDER NEW WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS/COLLECTIVES AND ARE NO LONGER AVAILABLE UNDER FORMER WMO HEADINGS/COLLECTIVES.

THIS CHANGE AFFECTS THE FOLLOWING ASOS OBSERVATIONS: ASOS AVIATION ROUTINE WEATHER REPORTS /METAR/...AVIATION SELECTED SPECIAL WEATHER REPORTS /SPECI/...STANDARD HYDRO METEOROLOGICAL EXCHANGE FORMAT /SHEF/ PRECIPITATION CRITERIA...SHEF HOURLY ACCUMULATION MESSAGES...DAILY SUMMARY MESSAGES /DSM/ AND MONTHLY SUMMARY MESSAGES /MSM/.

THE FOLLOWING ARE WMO BULLETIN HEADINGS/COLLECTIVES CHANGES FOR KIRKSVILLE MISSOURI AND TETERBORO NEW JERSEY:

METAR MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KIRK	SAUS43 KEAX	SAUS80 KWBC	SAUS70 KWBC
KTEB	SAUS41 KOKX	SAUS80 KWBC	SAUS70 KWBC

SPECI MESSAGES:

ASOS

SID	WMO HEADER OLD	WMO COLLECTIVE OLD	WMO COLLECTIVE NEW
KIRK	SPUS43 KEAX	SPUS80 KWBC	SPUS70 KWBC
KTEB	SPUS41 KOKX	SPUS80 KWBC	SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KIRK	SRUS63 KEAX	SRUS27 KZKC	KANSAS CITY
KTEB	SRUS61 KOKX	SRUS27 KZNY	NEW YORK

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
KIRK	SRUS73 KEAX	SRUS27 KZKC	KANSAS CITY
KTEB	SRUS71 KOKX	SRUS27 KZNY	NEW YORK

ASOS DAILY SUMMARY MESSAGE:

ASOS SID	WMO HEADER OLD	WMO HEADER NEW	FAA HUB
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KIRK CXUS43 KEAX CDUS27 KZKC KANSAS CITY
KTEB CXUS41 KOKX CDUS27 KZNY NEW YORK
ASOS MONTHLY SUMMARY MESSAGE:

ASOS WMO HEADER WMO HEADER FAA HUB
SID OLD NEW

KIRK CSUS43 KEAX CSUS27 KZKC KANSAS CITY
KTEB CSUS41 KOKX CSUS27 KZNY NEW YORK

USERS WITH AUTOMATIC DECODERS SHOULD 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:

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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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