NOUS41 KWBC 181930
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-02
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
230 PM EST THU JAN 18 2007

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
          NOAA WEATHER WIRE SERVICE /NWWS/ 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 BRIDGEPORT
CONNECTICUT AND WINSLOW ARIZONA: EFFECTIVE JANUARY 18 2007

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 06-94...TRANSMITTED DECEMBER
14 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 2008...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 JANUARY 18 2007...THE FOLLOWING ASOS LOCATIONS TRANSITIONED NETWORK
COMMUNICATION PATHWAYS FROM NWS AWIPS TO FAA ADAS:

SID   LOCATION   STATE   NWS AWIPS TERMINATED
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KBDR   BRIDGEPORT   CT   01/18/07
KINW   WINSLOW   AZ   01/18/07

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

THIS CHANGE WILL AFFECT 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 BRIDGEPORT
CONNECTICUT AND WINSLOW ARIZONA:

METAR MESSAGES:

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ASOS
SID     WMO HEADER    WMO COLLECTIVE    WMO COLLECTIVE
        OLD           OLD               NEW
-------------------------------------------------------
KBDR    SAUS41 KOKX   SAUS80 KWBC       SAUS70 KWBC
KINW    SAUS45 KFGZ   SAUS80 KWBC       SAUS70 KWBC
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SPECI MESSAGES:

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ASOS
SID     WMO HEADER    WMO COLLECTIVE    WMO COLLECTIVE
        OLD           OLD               NEW
-------------------------------------------------------
KBDR    SPUS41 KOKX   SPUS80 KWBC        SPUS70 KWBC
KINW    SPUS45 KFGZ   SPUS80 KWBC        SPUS70 KWBC
```

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

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ASOS    WMO HEADER    WMO HEADER      FAA HUB
SID     OLD           NEW
---------------------------------------------
KBDR    SRUS61 KOKX   SRUS27 KZNY     NEW YORK CITY
KINW    SRUS65 KFGZ   SRUS27 KZAB     ALBUQUERQUE
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ASOS SHEF HOURLY ROUTINE MESSAGE:

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ASOS    WMO HEADER    WMO HEADER      FAA HUB
SID     OLD           NEW
---------------------------------------------
KBDR    SRUS71 KOKX   SRUS27 KZNY     NEW YORK CITY
KINW    SRUS75 KFGZ   SRUS27 KZAB     ALBUQUERQUE
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ASOS DAILY SUMMARY MESSAGE:

ASOS    WMO HEADER      WMO HEADER      FAA HUB
SID     OLD             NEW
----------------------------------------------
KBDR    CXUS41 KOKX     CDUS27 KZNY     NEW YORK CITY
KINW    CXUS45 KFGZ     CDUS27 KZAB     ALBUQUERQUE

ASOS MONTHLY SUMMARY MESSAGE:

ASOS    WMO HEADER      WMO HEADER      FAA HUB
SID     OLD             NEW
----------------------------------------------
KBDR    CSUS41 KOKX     CSUS27 KZNY     NEW YORK CITY
KINW    CSUS45 KFGZ     CSUS27 KZAB     ALBUQUERQUE
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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:

DAVE MANNARANO
301-713-2093 X 103
EMAIL: DAVID.MANNARANO@NOAA.GOV

OR

ANTHONY ROBINSON
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NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE

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