

NOUS41 KWBC 101448
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-20
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1050 AM EDT TUE APR 10 2007

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 NWS TO FEDERAL AVIATION
ADMINISTRATION /FAA/ FOR INDIANAPOLIS INDIANA:
EFFECTIVE APRIL 6 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 /TIN/. THE LAST TIN ON THIS SUBJECT WAS
TIN 07-14 TRANSMITTED FEBRUARY 26 2007.

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 APRIL 6 2007 THE FOLLOWING
ASOS LOCATION TRANSITIONED NETWORK COMMUNICATION PATHWAYS FROM
NWS AWIPS TO FAA ADAS:

SID LOCATION STATE NWS AWIPS TERMINATED

KIND INDIANAPOLIS IN 04/06/07

WHEN NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT THIS LOCATION...SELECT OBSERVATIONS FOR THIS LOCATION 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 INDIANAPOLIS INDIANA:

METAR MESSAGES

| ASOS SID | WMO HEADING OLD | WMO COLLECTIVE OLD | WMO COLLECTIVE NEW | WMO COLLECTIVE |
|-------------|--------------------|-----------------------|-----------------------|----------------|
| KIND | SAUS43 KIND | SAUS80 KWBC | | SAUS70 KWBC |

SPECI MESSAGES

| ASOS SID | WMO HEADING OLD | WMO COLLECTIVE OLD | WMO COLLECTIVE NEW | WMO COLLECTIVE |
|-------------|--------------------|-----------------------|-----------------------|----------------|
| KIND | SPUS43 KIND | SPUS80 KWBC | | SPUS70 KWBC |

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

| ASOS SID | WMO HEADING OLD | WMO HEADING NEW | FAA HUB |
|-------------|--------------------|--------------------|--------------|
| KIND | SRUS63 KIND | SRUS27 KZID | INDIANAPOLIS |

ASOS SHEF HOURLY ROUTINE MESSAGE

| ASOS SID | WMO HEADING OLD | WMO HEADING NEW | FAA HUB |
|-------------|--------------------|--------------------|--------------|
| KIND | SRUS73 KIND | SRUS27 KZID | INDIANAPOLIS |

ASOS DAILY SUMMARY MESSAGE

| ASOS SID | WMO HEADING OLD | WMO HEADING NEW | FAA HUB |
|-------------|--------------------|--------------------|--------------|
| KIND | CXUS43 KIND | CDUS27 KZID | INDIANAPOLIS |

ASOS MONTHLY SUMMARY MESSAGE

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW

KIND CSUS43 KIND CSUS27 KZID INDIANAPOLIS

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

IF YOU HAVE ANY QUESTIONS ABOUT THESE CHANGES...PLEASE CONTACT:

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OR

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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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