

NOUS41 KWBC 311745  
PNSWSH

PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 01-29  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
1245 PM EST WED OCT 31 2001

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

SUBJECT: UPDATE: ASOS COMMUNICATIONS TRANSFER FROM NATIONAL WEATHER  
SERVICE TO FEDERAL AVIATION ADMINISTRATION...EFFECTIVE OCTOBER 31 2001

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 TOPIC WAS [TECHNICAL IMPLEMENTATION NOTICE /TIN/ 01-  
25](#)...TRANSMITTED ON 9/26/01.

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 29 AUTOMATED SURFACE  
OBSERVING SYSTEM /ASOS/ LOCATIONS IS CURRENTLY IN TRANSITION FROM THE  
NATIONAL WEATHER SERVICE /NWS/ ADVANCED WEATHER INTERACTIVE PROCESSING  
SYSTEM /AWIPS/ NETWORK TO THE FEDERAL AVIATION ADMINISTRATION /FAA/ AWOS-  
ASOS DATA ACQUISITION SYSTEM /ADAS/ NETWORK. THIS TRANSITION INVOLVES  
CONNECTION OF THESE ASOS SYSTEMS TO THE FAA ADAS NETWORK WHERE AUTOMATED  
LIGHTNING DETECTION AND REPORTING SYSTEM /ALDARS/ INFORMATION IS AVAILABLE  
IN THE ASOS AVIATION ROUTINE WEATHER REPORT /METAR/ AND THE SELECTED  
SPECIAL WEATHER /SPECI/ REPORT...FOLLOWED BY DISCONNECTION FROM THE NWS  
AWIPS NETWORK. WHEN THE LATTER OCCURS...THE DATA FROM THESE ASOS  
LOCATIONS WILL BE TRANSMITTED LONG-LINE ONLY THROUGH THE FAA ADAS NETWORK.

THIS MESSAGE IS TO INFORM YOU OF THE DATES WHEN THE AWIPS TRANSMISSION  
PATH FOR THESE ASOS OBSERVATIONS WILL BE DISCONNECTED AT THE NEXT THREE  
LOCATIONS. ADDITIONAL TINS WILL BE ISSUED WHEN THE AWIPS TRANSMISSION  
PATH FOR THE ASOS OBSERVATIONS IS DISCONNECTED AT SUCCEEDING LOCATIONS.

| SITE ID |            |       | FAA ALDARS | NWS AWIPS |
|---------|------------|-------|------------|-----------|
| /SID/   | LOCATION   | STATE | START      | END       |
| -----   | -----      | ----- | -----      | -----     |
| KEVV    | EVANSVILLE | IN    | 10/31/01   | 11/07/01  |
| KFSM    | FORT SMITH | AR    | 10/31/01   | 11/07/01  |
| KMEI    | MERIDIAN   | MS    | 10/31/01   | 11/07/01  |

WHEN THE NWS AWIPS CONNECTIVITY FOR TRANSMITTING THESE ASOS OBSERVATIONS  
ENDS AT EACH LOCATION...ALL ASOS DATA TRANSMITTED LONG-LINE FROM THAT  
OBSERVING LOCATION WILL APPEAR UNDER THE "NEW" WORLD METEOROLOGICAL

ORGANIZATION /WMO/ HEADER/COLLECTIVE AND WILL NO LONGER BE AVAILABLE UNDER THE "OLD" WMO HEADERS/COLLECTIVES. THIS CHANGE WILL AFFECT THE ASOS ROUTINE AVIATION METEOROLOGICAL REPORT /METAR/...AVIATION SELECTED SPECIAL WEATHER REPORT /SPECI/...STANDARD HYDROMETEOROLOGICAL EXCHANGE FORMAT /SHEF/ PRECIPITATION CRITERIA AND HOURLY ACCUMULATION MESSAGES...THE DAILY SUMMARY MESSAGE /DSM/ AND THE MONTHLY SUMMARY MESSAGE /MSM/. THE FOLLOWING WMO BULLETIN HEADER/COLLECTIVE CHANGES WILL OCCUR FOR THESE THREE LOCATIONS:

METAR MESSAGES:

| ASOS<br>SID | WMO HEADER<br>OLD | WMO COLLECTIVE<br>OLD | WMO COLLECTIVE<br>NEW |
|-------------|-------------------|-----------------------|-----------------------|
| KEVV        | SAUS43 KIND       | SAUS80 KWBC           | SAUS70 KWBC           |
| KFSM        | SAUS44 KTSA       | SAUS80 KWBC           | SAUS70 KWBC           |
| KMEI        | SAUS44 KJAN       | SAUS80 KWBC           | SAUS70 KWBC           |

SPECI MESSAGES:

| ASOS<br>SID | WMO HEADER<br>OLD | WMO COLLECTIVE<br>OLD | WMO COLLECTIVE<br>NEW |
|-------------|-------------------|-----------------------|-----------------------|
| KEVV        | SPUS43 KIND       | SPUS80 KWBC           | SPUS70 KWBC           |
| KFSM        | SPUS44 KTSA       | SPUS80 KWBC           | SPUS70 KWBC           |
| KMEI        | SPUS44 KJAN       | SPUS80 KWBC           | SPUS70 KWBC           |

ASOS SHEF PRECIPITATION CRITERIA MESSAGES:

| ASOS<br>SID | WMO HEADER<br>OLD | WMO HEADER<br>NEW | FAA HUB      |
|-------------|-------------------|-------------------|--------------|
| KEVV        | SRUS63 KIND       | SRUS27 KZID       | INDIANAPOLIS |
| KFSM        | SRUS64 KTSA       | SRUS27 KZME       | MEMPHIS      |
| KMEI        | SRUS64 KJAN       | SRUS27 KZME       | MEMPHIS      |

ASOS SHEF HOURLY ROUTINE MESSAGES:

| ASOS<br>SID | WMO HEADER<br>OLD | WMO HEADER<br>NEW | FAA HUB      |
|-------------|-------------------|-------------------|--------------|
| KEVV        | SRUS73 KIND       | SRUS27 KZID       | INDIANAPOLIS |
| KFSM        | SRUS74 KTSA       | SRUS27 KZME       | MEMPHIS      |
| KMEI        | SRUS74 KJAN       | SRUS27 KZME       | MEMPHIS      |

ASOS DAILY SUMMARY MESSAGES:

| ASOS<br>SID | WMO HEADER<br>OLD | WMO HEADER<br>NEW | FAA HUB      |
|-------------|-------------------|-------------------|--------------|
| KEVV        | CXUS43 KIND       | CDUS27 KZID       | INDIANAPOLIS |
| KFSM        | CXUS44 KTSA       | CDUS27 KZME       | MEMPHIS      |
| KMEI        | CXUS44 KJAN       | CDUS27 KZME       | MEMPHIS      |

ASOS MONTHLY SUMMARY MESSAGES:

| ASOS<br>SID<br>---- | WMO HEADER<br>OLD<br>----- | WMO HEADER<br>NEW<br>----- | FAA HUB<br>----- |
|---------------------|----------------------------|----------------------------|------------------|
| KEVV                | CSUS43 KIND                | CSUS27 KZID                | INDIANAPOLIS     |
| KFSM                | CSUS44 KTSA                | CSUS27 KZME                | MEMPHIS          |
| KMEI                | CSUS44 KJAN                | CSUS27 KZME                | MEMPHIS          |

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO REPROGRAM THEIR SYSTEMS NOW TO RECOGNIZE THE NEW BULLETIN HEADERS 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 THIS CHANGE...PLEASE CONTACT:

DAVE MANNARANO AT 301-713-2093 X 103...EMAIL: [DAVID.MANNARANO@NOAA.GOV](mailto:DAVID.MANNARANO@NOAA.GOV) OR

ANTHONY ROBINSON AT 301-713-1373 X 110...EMAIL: [ANTHONY.ROBINSON@NOAA.GOV](mailto:ANTHONY.ROBINSON@NOAA.GOV).

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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