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PNSWSH

PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-20  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
410 PM EDT WED SEP 19 2002

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA WEATHER  
WIRE SERVICE /NWS/ SUBSCRIBERS...EMERGENCY MANAGERS  
WEATHER INFORMATION NETWORK /EMWIN/ SUBSCRIBERS...  
OTHER NATIONAL WEATHER SERVICE /NWS/ CUSTOMERS OF  
AVIATION DATA AND FORECASTS...NWS EMPLOYEES

FROM: JOSEPH FACUNDO  
CHIEF...OBSERVING SYSTEMS BRANCH

SUBJECT: ASOS COMMUNICATIONS TRANSFER FROM NATIONAL WEATHER  
SERVICE TO FEDERAL AVIATION ADMINISTRATION...  
EFFECTIVE SEPTEMBER 24 2002

...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 02-19...TRANSMITTED ON SEPTEMBER 18 2002...

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 33 AUTOMATED  
SURFACE OBSERVING SYSTEM /ASOS/ LOCATIONS IS CURRENTLY IN  
TRANSITION FROM THE NATIONAL WEATHER SERVICE /NWS/ ADVANCED  
WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ COMMUNICATIONS  
NETWORK TO THE FEDERAL AVIATION ADMINISTRATION /FAA/ AWOS-ASOS  
DATA ACQUISITION SYSTEM /ADAS/ COMMUNICATIONS NETWORK. THIS  
TRANSITION INVOLVES CONNECTION OF SELECT ASOSES TO THE FAA ADAS  
NETWORK WHERE AUTOMATED LIGHTNING DETECTION AND REPORTING SYSTEM  
/ALDARS/ INFORMATION IS AVAILABLE IN THE ASOS ROUTINE AVIATION  
WEATHER REPORT /METAR/ AND THE AVIATION SELECTED SPECIAL WEATHER  
REPORT /SPECI/...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  
TRANSMISSION PATH OF FAA ADAS NETWORK.

THIS MESSAGE IS TO INFORM YOU OF THE DATES WHEN THE NWS AWIPS  
TRANSMISSION PATH FOR THESE ASOS OBSERVATIONS AND MESSAGES WILL  
BE DISCONNECTED AT THE NEXT LOCATION. ADDITIONAL TECHNICAL  
IMPLEMENTATION NOTICES WILL BE ISSUED WHEN THE AWIPS TRANSMISSION  
PATH FOR THE ASOS OBSERVATIONS AND MESSAGES ARE DISCONNECTED AT  
SUCCEEDING LOCATIONS.

|      |          | FAA ADAS | NWS AWIPS |          |  |
|------|----------|----------|-----------|----------|--|
| SID  | LOCATION | STATE    | START     | END      |  |
| KCYS | CHEYENNE | WY       | 09/05/02  | 09/24/02 |  |

WHEN THE NWS AWIPS TRANSMISSION PATH CONNECTION FOR TRANSMITTING THESE ASOS OBSERVATIONS AND MESSAGES ENDS AT EACH LOCATION... ALL ASOS DATA TRANSMITTED LONG-LINE FROM THAT ASOS LOCATION WILL APPEAR UNDER THE "NEW" WMO HEADING/COLLECTIVE AND WILL NO LONGER BE AVAILABLE UNDER THE "OLD" WMO HEADINGS/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 HEADING/ COLLECTIVE CHANGES WILL OCCUR FOR THESE LOCATIONS:

METAR MESSAGES

|      |             |                |                |
|------|-------------|----------------|----------------|
| ASOS | WMO HEADING | WMO COLLECTIVE | WMO COLLECTIVE |
| SID  | OLD OLD     | NEW            |                |
| KCYS | SAUS45 KCYS | SAUS80 KWBC    | SAUS70 KWBC    |

SPECI MESSAGES

|      |             |                |                |
|------|-------------|----------------|----------------|
| ASOS | WMO HEADING | WMO COLLECTIVE | WMO COLLECTIVE |
| SID  | OLD OLD     | NEW            |                |
| KCYS | SPUS45 KCYS | SPUS80 KWBC    | SPUS70 KWBC    |

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

|      |             |             |        |
|------|-------------|-------------|--------|
| ASOS | WMO HEADING | WMO HEADER  |        |
| SID  | OLD NEW     | FAA HUB     |        |
| KCYS | SRUS65 KCYS | SRUS27 KZDV | DENVER |

ASOS SHEF HOURLY ROUTINE MESSAGE

|      |             |             |        |
|------|-------------|-------------|--------|
| ASOS | WMO HEADING | WMO HEADER  |        |
| SID  | OLD NEW     | FAA HUB     |        |
| KCYS | SRUS75 KCYS | SRUS27 KZDV | DENVER |

ASOS DAILY SUMMARY

|      |             |             |        |
|------|-------------|-------------|--------|
| ASOS | WMO HEADING | WMO HEADING |        |
| SID  | OLD NEW     | FAA HUB     |        |
| KCYS | CXUS45 KCYS | CDUS27 KZDV | DENVER |

ASOS MONTHLY SUMMARY MESSAGE

|      |             |             |  |
|------|-------------|-------------|--|
| ASOS | WMO HEADING | WMO HEADING |  |
| SID  | OLD NEW     | FAA HUB     |  |

KCYS CSUS45 KCYS CSUS27 KZDV DENVER

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO REPROGRAM THEIR SYSTEMS NOW TO RECOGNIZE THE NEW BULLETIN HEADERS FOR THESE ASOS OBSERVATIONS AND MESSAGES.

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 THIS CHANGE...PLEASE CONTACT ONE OF THE FOLLOWING PEOPLE AT NWS HEADQUARTERS IN SILVER SPRING MARYLAND:

DAVE MANNARANO OR ANTHONY ROBINSON  
PHONE: 301-713-2093 X 103 PHONE: 301-713-1373 X 110  
E-MAIL: DAVID.MANNARANO@NOAA.GOV ANTHONY.ROBINSON@NOAA.GOV

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

<http://www.nws.noaa.gov/om/notif.htm>

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