

NOUS41 KWBC 101446
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-67
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1046 AM EDT MON SEP 10 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 SAN ANTONIO TEXAS:
EFFECTIVE SEPTEMBER 7 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 07-66](#)...DATED SEPTEMBER 7
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 SEPTEMBER 7 2007...THE FOLLOWING ASOS LOCATION TRANSITIONED NETWORK
COMMUNICATION PATHWAYS FROM NWS AWIPS TO FAA ADAS:

| SID | LOCATION | STATE | NWS AWIPS TERMINATED |
|------|-------------|-------|----------------------|
| --- | ----- | ---- | ----- |
| KSAT | SAN ANTONIO | TX | 09/07/07 |

WHEN NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT THIS LOCATION...SELECT
OBSERVATIONS 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 SAN
ANTONIO TEXAS:

METAR MESSAGES:

| ASOS SID | WMO HEADER OLD | WMO COLLECTIVE OLD | WMO COLLECTIVE NEW |
|-------------|-------------------|-----------------------|-----------------------|
| ----- | | | |
| KSAT | SAUS44 KEWX | SAUS80 KWBC | SAUS70 KWBC |

SPECI MESSAGES:

| ASOS SID | WMO HEADER OLD | WMO COLLECTIVE OLD | WMO COLLECTIVE NEW |
|-------------|-------------------|-----------------------|-----------------------|
| ----- | | | |
| KSAT | SPUS44 KEWX | SPUS80 KWBC | SPUS70 KWBC |

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

| ASOS SID | WMO HEADER OLD | WMO HEADER NEW | FAA HUB |
|-------------|-------------------|-------------------|---------|
| ----- | | | |
| KSAT | SRUS64 KEWX | SRUS27 KZHU | HOUSTON |

ASOS SHEF HOURLY ROUTINE MESSAGE:

| ASOS SID | WMO HEADER OLD | WMO HEADER NEW | FAA HUB |
|-------------|-------------------|-------------------|---------|
| ----- | | | |
| KSAT | SRUS74 KEWX | SRUS27 KZHU | HOUSTON |

ASOS DAILY SUMMARY MESSAGE:

| ASOS SID | WMO HEADER OLD | WMO HEADER NEW | FAA HUB |
|-------------|-------------------|-------------------|---------|
| ----- | | | |
| KSAT | CXUS44 KEWX | CDUS27 KZHU | HOUSTON |

ASOS MONTHLY SUMMARY MESSAGE:

| ASOS | WMO HEADER | WMO HEADER | FAA HUB |
|-------|-------------|-------------|---------|
| SID | OLD | NEW | |
| ----- | | | |
| KSAT | CSUS44 KEWX | CSUS27 KZHU | HOUSTON |

USERS WITH AUTOMATIC DECODERS SHOULD REPROGRAM THEIR SYSTEMS NOW TO RECOGNIZE THE NEW BULLETIN HEADINGS FOR THESE ASOS OBSERVATIONS.

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
301-713-1373 X 110
EMAIL: 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)

END
NNNN