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TECHNICAL IMPLEMENTATION NOTICE 07-38
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
203 PM EDT THU MAY 24 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 ORLANDO FLORIDA: EFFECTIVE MAY 23 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 07-36 CORRECTED...DATED MAY 21 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 MAY 23 2007...THE FOLLOWING ASOS LOCATION TRANSITIONED NETWORK COMMUNICATION PATHWAYS FROM NWS AWIPS TO FAA ADAS:

| SID | LOCATION | STATE | NWS AWIPS TERMINATED |
|---|---|---|---|
| KMCO | ORLANDO | FL | 05/23/07 |

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 ORLANDO FLORIDA:

METAR MESSAGES:

| ASOS SID | WMO HEADER OLD | WMO COLLECTIVE OLD | WMO COLLECTIVE NEW |
|---|---|---|---|
| KMCO | SAUS42 KMLB | SAUS80 KWBC | SAUS70 KWBC |

SPECI MESSAGES:

| ASOS SID | WMO HEADER OLD | WMO COLLECTIVE OLD | WMO COLLECTIVE NEW |
|---|---|---|---|
| KMCO | SPUS42 KMLB | SPUS80 KWBC | SPUS70 KWBC |

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

| ASOS SID | WMO HEADER OLD | WMO HEADER NEW | FAA HUB |
|---|---|---|---|
| KMCO | SRUS62 KMLB | SRUS27 KZMA | MIAMI |

ASOS SHEF HOURLY ROUTINE MESSAGE:

| ASOS SID | WMO HEADER OLD | WMO HEADER NEW | FAA HUB |
|---|---|---|---|
| KMCO | SRUS72 KMLB | SRUS27 KZMA | MIAMI |

ASOS DAILY SUMMARY MESSAGE:

| ASOS SID | WMO HEADER OLD | WMO HEADER NEW | FAA HUB |
|---|---|---|---|
| KMCO | CXUS42 KMLB | CDUS27 KZMA | MIAMI |

ASOS MONTHLY SUMMARY MESSAGE:

| ASOS SID | WMO HEADER OLD | WMO HEADER NEW | FAA HUB |
|---|---|---|---|
| KMCO | CSUS42 KMLB | CSUS27 KZMA | MIAMI |

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:

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

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

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