TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWWS/ 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 DECEMBER 10 2002

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/ 02-
35...TRANSMITTED ON NOVEMBER 27 2002.

THE LONG-LINE TRANSMISSION OF OBSERVATIONS FROM 40 FEDERAL AVIATION
ADMINISTRATION /FAA/ SERVICE LEVEL A/B AUTOMATED SURFACE OBSERVING SYSTEM
/ASOS/ LOCATIONS IS CURRENTLY IN TRANSITION FROM THE NATIONAL WEATHER
SERVICE /NWS/ ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/
NETWORK COMMUNICATIONS PATHWAY TO THE FAA AUTOMATED WEATHER OBSERVING
SYSTEM /AWOS/-ASOS DATA ACQUISITION SYSTEM /ADAS/ NETWORK COMMUNICATIONS
PATHWAY. TRANSITION OF THESE 40 SERVICE LEVEL A/B LOCATIONS...SCHEDULED
THROUGH 2004...IS BEING DONE TO SUPPORT THE INTEGRATED WEATHER INFORMATION
SYSTEM /ITWS/ ACQUISITION OF ASOS ONE-MINUTE OBSERVATIONS. THIS
TRANSITION INVOLVES CONNECTION OF THESE 40 ASOSS FROM NWS AWIPS
TRANSMISSION PATH TO THE FAA/S ADAS TRANSMISSION PATH...FOLLOWED BY
DISCONNECTION TO THE NWS AWIPS TRANSMISSION PATH. WHEN THE LATTER
OCCURS...THE DATA FROM THESE ASOS LOCATIONS WILL BE TRANSMITTED LONG-LINE
ONLY THROUGH THE FAA ADAS NETWORK COMMUNICATIONS TRANSMISSION PATH.

THIS MESSAGE IS TO INFORM YOU OF THE DATES WHEN THE NWS AWIPS TRANSMISSION
PATH WILL BE DISCONNECTED AT THE NEXT LOCATIONS. ADDITIONAL MESSAGES WILL
BE ISSUED WHEN AWIPS TRANSMISSION PATH IS DISCONNECTED AT SUCCEEDING
LOCATIONS.

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WHEN THE NWS AWIPS TRANSMISSION PATH CONNECTION ENDS AT EACH
LOCATION...ALL DATA FOR THESE LOCATIONS WILL BE TRANSMITTED LONG-LINE FROM
FAA TO NWS AND DISSEMINATED UNDER THE "NEW" WORLD METEOROLOGICAL
ORGANIZATION /WMO/ HEADINGS/COLLECTIVES AND WILL NO LONGER BE AVAILABLE
UNDER THE "OLD" WMO HEADINGS/COLLECTIVES. THIS CHANGE WILL AFFECT THE
ASOS METAR AND SPECI REPORTS...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
SID WMO HEADING WMO COLLECTIVE
OLD OLD NEW WMO COLLECTIVE
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KMCI SAUS43 KEAX SAUS80 KWBC SAUS70 KWBC
KPNE SAUS41 KPHI SAUS80 KWBC SAUS70 KWBC

SPECI MESSAGES:

ASOS
SID WMO HEADING WMO COLLECTIVE
OLD OLD NEW WMO COLLECTIVE
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KMCI SPUS43 KEAX SPUS80 KWBC SPUS70 KWBC
KPNE SPUS41 KPHI SPUS80 KWBC SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW
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KMCI SRUS63 KEAX SRUS27 KZKC OLATHE
KPNE SRUS61 KPHI SRUS27 KZNY NEW YORK CITY

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW
---- ----------- --------------- ------
KMCI SRUS73 KEAX SRUS27 KZKC OLATHE
KPNE SRUS71 KPHI SRUS27 KZNY NEW YORK CITY

ASOS DAILY SUMMARY MESSAGE:

ASOS WMO HEADING WMO HEADING FAA HUB
SID OLD NEW
---- ----------- --------------- ------
KMCI CXUS43 KEAX CDUS27 KZKC OLATHE
KPNE CXUS41 KPHI CDUS27 KZNY NEW YORK CITY
WE URGE ALL USERS WITH AUTOMATIC DECODERS TO 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 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

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

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

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