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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-62
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1243 PM EST WED DEC 01 2004

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

FROM: JOSEPH FACUNDO
CHIEF...OBSERVING SYSTEMS BRANCH
OFFICE OF OPERATIONAL SYSTEMS

SUBJECT: COMMISSIONING OF AUTOMATED SURFACE OBSERVING SYSTEM
/ASOS/ AT MUNISING...MICHIGAN EFFECTIVE DECEMBER 1
2004

NOTE: THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER WIRE
SERVICE SUBSCRIBERS.

THIS MESSAGE IS TO INFORM YOU OF AN ASOS COMMISSIONING.
EFFECTIVE WEDNESDAY DECEMBER 1 2004...AT APPROXIMATELY 1800
UTC... NWS WILL COMMISSION THE NWS-SPONSORED OTHER THAN ASOS
/OTA/ AT:

MUNISING LAKESHORE /KP53/...MICHIGAN

THE OTA FOR THIS SITE WAS MOVED FROM ANOTHER OTA SITE...
MANISTIQUE.../KP75/...MICHIGAN... DECOMMISSIONED SEPTEMBER 20
2004. WITH THIS MOVE THE TOTAL NUMBER OF COMMISSIONED ASOS SITES
SPONSORED BY THE NWS AND FEDERAL AVIATION ADMINISTRATION REMAINS
AT 885.

THE ASOS WAS MOVED FROM MANISTIQUE TO MUNISING FOR A NUMBER OF
REASONS. ASOS SENSOR READINGS WERE CONTAMINATED BY OCCASIONAL
PARKING OF MAINTENANCE EQUIPMENT AND MAINTENANCE VEHICLES
DIRECTLY NEXT TO ASOS SENSORS AND EXPANSION OF A NEARBY BUSINESS
ENCROACHED ON THE SENSORS. IN ADDITION...THERE WAS SENSOR DAMAGE
FROM SNOWMOBILE TRAFFIC AND FROM WINTER SALT SPRAY FROM AN
ADJACENT HIGHWAY.

MUNISING...MICHIGAN WAS CHOSEN BECAUSE A HIGHER NEED FOR MARINE
OBSERVATIONS NOW EXISTS ALONG THE LAKE SUPERIOR COAST NEAR
MUNISING. MUNISING IS ALSO HOME TO ONE OF WEATHER FORECAST OFFICE
MARQUETTE/S MOST ACTIVE MARINAS WITH COMMERCIAL BOAT CRUISES
OPERATING FREQUENTLY DURING THE SUMMER.

WHEN THE ASOS AT MUNISING...MICHIGAN IS COMMISSIONED...SELECT OBSERVATIONS FOR THIS LOCATION WILL BE TRANSMITTED LONG-LINE AND DISSEMINATED UNDER WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS/COLLECTIVES.

THESE OBSERVATIONS ARE 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 WMO BULLETIN HEADINGS/COLLECTIVES WILL BE EFFECTIVE FOR THIS LOCATION:

METAR MESSAGES

ASOS SID WMO HEADING WMO COLLECTIVE

KP53 SAUS43 KMQT SAUS70 KWBC

SPECI MESSAGES

ASOS SID WMO HEADING WMO COLLECTIVE

KP53 SPUS43 KMQT SPUS70 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID WMO HEADING

KP53 SRUS63 KMQT

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID WMO HEADING

KP53 SRUS73 KMQT

ASOS DAILY SUMMARY MESSAGE

ASOS SID WMO HEADING

KP53 CXUS43 KMQT

ASOS MONTHLY SUMMARY MESSAGE

ASOS SID WMO HEADING

KP53 CSUS43 KMQT

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 5 MINUTES DUE TO INCREASED COMMUNICATIONS HANDLING BETWEEN FAA AND NWS.

IF YOU HAVE ANY QUESTIONS ABOUT THESE CHANGES... PLEASE CONTACT:

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OR

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

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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