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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-62...CORRECTED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
300 PM EST FRI DEC 03 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: CORRECTED: COMMISSIONING OF AUTOMATED SURFACE
OBSERVING SYSTEM /ASOS/ AT MUNISING...MICHIGAN
EFFECTIVE DECEMBER 1 2004

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 04-62
TRANSMITTED ON DECEMBER 1 2004

CORRECTED TO CLARIFY ASOS SITE LOCATION AND ASOS SITE NAME...
CHANGE WORLD METEOROLOGICAL ORGANIZATION /WMO/ COLLECTIVE NUMBER.....
AND INCLUDE NWS ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/
PRODUCT INVENTORY LISTS /PILS/.

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...THE NWS
WILL COMMISSION THE NWS-SPONSORED OTHER THAN ASOS /OTA/ AT:

SITE LOCATION: MUNISING /KP53/...MICHIGAN
SITE NAME: MUNISING LAKESHORE /KP53/...MICHIGAN

THE OTA FOR THIS SITE WAS MOVED FROM ANOTHER OTA SITE...MANISTIQUE
.../KP75/ ...MICHIGAN...THAT WAS 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 WMO HEADINGS/COLLECTIVES...AND NWS AWIPS PILS.

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 AND NWS AWIPS PILS WILL BE EFFECTIVE FOR THIS LOCATION:

METAR MESSAGES

ASOS SID WMO HEADING AWIPS PIL WMO COLLECTIVE

KP53 SAUS43 KMQT ARBMTRP53 SAUS80 KWBC

SPECI MESSAGES

ASOS SID WMO HEADING AWIPS PIL WMO COLLECTIVE

KP53 SPUS43 KMQT ARBMTRP53 SPUS80 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE

ASOS SID WMO HEADING AWIPS PIL

KP53 SRUS63 KMQT ARBRR6P53

ASOS SHEF HOURLY ROUTINE MESSAGE

ASOS SID WMO HEADING AWIPS PIL

KP53 SRUS73 KMQT ARBRR7P53

ASOS DAILY SUMMARY MESSAGE

ASOS SID WMO HEADING AWIPS PIL

KP53 CXUS43 KMQT ARBDSMP53

ASOS MONTHLY SUMMARY MESSAGE

ASOS SID WMO HEADING AWIPS PIL

KP53 CSUS43 KMQT ARBMSMP53

WE URGE ALL USERS WITH AUTOMATIC DECODERS TO REPROGRAM THEIR SYSTEMS NOW TO RECOGNIZE THE NEW BULLETIN HEADINGS AND PILS 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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