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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-62 CORRECTED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
300 PM EST FRI DEC 3 2004

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS
OTHER NWS CUSTOMERS OF AVIATION DATA AND FORECASTS
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

CORRECTED TO:

- CLARIFY ASOS SITE LOCATION AND ASOS SITE NAME.
- CHANGE WORLD METEOROLOGICAL ORGANIZATION /WMO/ COLLECTIVE NUMBER
- 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 MICHIGAN /KP53/
SITE NAME: MUNISING LAKESHORE MICHIGAN /KP53/

THE OTA FOR THIS SITE WAS MOVED FROM ANOTHER OTA SITE...MANISTIQUE
MICHIGAN /KP75/...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 /WFO/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
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KP53	SAUS43 KMQT	ARBMTRP53	SAUS80 KWBC

SPECI MESSAGES:

ASOS SID	WMO HEADING	AWIPS PIL	WMO COLLECTIVE
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KP53	SPUS43 KMQT	ARBMTRP53	SPUS80 KWBC

ASOS SHEF PRECIPITATION CRITERIA MESSAGE:

ASOS SID	WMO HEADING	AWIPS PIL
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KP53	SRUS63 KMQT	ARBRR6P53

ASOS SHEF HOURLY ROUTINE MESSAGE:

ASOS SID	WMO HEADING	AWIPS PIL
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KP53	SRUS73 KMQT	ARBRR7P53

ASOS DAILY SUMMARY MESSAGE:

ASOS SID	WMO HEADING	AWIPS PIL
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KP53	CXUS43 KMQT	ARBDSMP53

ASOS MONTHLY SUMMARY MESSAGE:

ASOS SID	WMO HEADING	AWIPS PIL
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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 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](https://www.weather.gov/notification/archive)

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