



## CHECK -INS FOR THE MONTH OF JANUARY 2009

**Honor Roll: Checked in at least four times this month (BOLD PRINT)  
(Editor' Note: This month had five weeks in it, but our repeater failed for  
one of them!)**

WB8FCY – Chuck – Jacobsville	3
W8FWG – George-Laurium	3
KD8GBH - David-Dollar Bay	3
<b>K9GIR – Dennis - Eagle Harbor</b>	<b>4</b>
K8HRO – Randy -Aura	3
N8HZH – Jon-Dodgeville	3
<b>KD8JAM – Bill – Allouez</b>	<b>4</b>
<b>W8KQB – Tom – Elo</b>	<b>4</b>
WX8MQT – Bill – Marquette	1
KB8XI – Roland – Hancock	3
<b>K8YSZ – Gary- Bumbletown</b>	<b>4</b>

Monthly Total: 35

### **NOAA WEATHER RADIO ALL HAZARDS AWARENESS WEEK IN MICHIGAN National NOAA Weather Radio All Hazards website February 1st - February 7th**

NOAA Weather Radio All Hazards Awareness Week Schedule  
Sunday, February 1st  
    Overview of NOAA Weather Radio All Hazards  
Monday, February 2nd  
    NOAA Weather Radio All Hazards in Michigan  
Tuesday, February 3rd  
    The Content of NOAA Weather Radio All Hazards Programs  
Wednesday, February 4th  
    NOAA Weather Radio All Hazards and Safety Preparedness  
Thursday, February 5th  
    NOAA Weather Radio All Hazards and the Emergency Alert System  
Friday, February 6th  
    NOAA Weather Radio All Hazards Receivers and Where to Get Them  
Saturday, February 7th  
    NOAA Weather Radio All Hazards and the Public Alert Radio

### **“315” GOES DOWN:**

On January 3, 2009 (Saturday afternoon about 3:00 pm), [It actually failed Friday night during the Skywarn transmission and we had to cancel out the rest of the activities for that night.] We had to take the repeater out of service once again. A continuing problem with loss of RF output was the cause, and the repeater was sent to Anderson Communications of Marquette on Thursday, January 8, 2009 for repair. Bill (KD8JAM), did get a temporary “315” repeater working at his home, in Allouez using duplexers and a single antenna.) Anderson Comm. of Marquette repaired our repeater and tested it in a cold environment (their garage) for five days and it was picked up in Marquette by George (W8FWG) and brought back to the Copper Country on Tuesday afternoon, January 13. It was placed in service on Tuesday night, January 13 at 7:20 pm EST with Bill, KD8JAM, Howard, KD8ABP.

## **NOAA Prepares to Launch New Polar-Orbiting Satellite for Climate & Weather**

January 22, 2009

A new NOAA polar-orbiting environmental satellite, set to launch next month, will support NOAA's weather and ocean forecasts, including long-range climate predictions for El Niño and La Niña and support U.S. search and rescue operations. The new spacecraft – NOAA-N Prime – is scheduled to lift off from Vandenberg Air Force Base in California on Feb. 4, 2009 at 2:22 a.m. PST.

“There is a growing demand for reliable coverage and accurate data from satellites to help us understand what's happening in the environment,” said Mary E. Kicza, assistant administrator for NOAA's Satellite and Information Service. “This spacecraft will help meet those requirements.”

As an example, Kicza cited the Advanced Data Collection System (ADCS) onboard the satellite that will relay meteorological and oceanographic data – even track migration patterns of wildlife – to help researchers improve their study of Earth's environment. It's the first time the ADCS will be flown on a NOAA satellite.

Once in orbit, NOAA-N Prime will be called NOAA-19, the latest in the series of NOAA polar-orbiting environmental satellites that have served the nation. It will circle the globe in an afternoon orbit, capturing valuable environmental data that will help support NOAA's long-range seasonal outlooks.

“NOAA-N Prime data will help us monitor current conditions in the atmosphere and oceans and keep tabs on long-term climate trends,” said Wayne Higgins, director of NOAA's Climate Prediction Center. “These data are increasingly important in polar regions, given the potential effects of a warming climate on the polar ice cap and sea ice extent.”

NOAA is working closely with the European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT) to ensure seamless satellite coverage. Under an agreement, NOAA's two operational polar-orbiting satellites – NOAA-18 and N Prime – are carrying a EUMETSAT instrument. In return, through 2020, EUMETSAT is carrying key NOAA instruments on board its European-built MetOp satellites, which fly in morning orbits.

NOAA-N Prime also will contribute to the emerging Global Earth Observation System of Systems, or GEOSS. GEOSS is an ongoing effort among more than 70 nations to develop a worldwide network to monitor the world's changing climate.

Additionally, NOAA-N Prime will be a part of the international Search and Rescue Satellite-Aided Tracking system called SRSAT. NOAA satellites are able to quickly detect distress signals from emergency beacons and have supported more than 6,000 rescues in the United States and its surrounding waters since 1982.

NOAA manages the POES program and establishes requirements, provides all funding and distributes environmental satellite data for the United States. NASA's Goddard Space Flight Center in Greenbelt, Md., procures and manages the development and launch of NOAA polar-orbiting satellites on a cost reimbursable basis. Twenty-one days after NOAA-N Prime is launched, NASA will transfer operational control of the satellite to NOAA. NASA's comprehensive on-orbit verification period likely will last up to 45 days after the launch.

For more information about NOAA-N Prime, including a fact sheet detailing the instruments and photos of the satellite, visit the [N Prime Satellite Web page](#).

NOAA understands and predicts changes in the Earth's environment, from the depths of the ocean to the surface of the sun, and conserves and manages our coastal and marine resources.

**There is 1 active alert issued by the National Weather Service for 49913**

ALERT 1 - Non Precipitation Advisory  
WIND ADVISORY IN EFFECT FROM 1 AM TO 1 PM EST SUNDAY  
Issue Time: 2:56PM EST, Saturday Jan 31, 2009  
Valid Until: 11:00PM EST, Saturday Jan 31, 2009

Urgent - Weather Message National Weather Service Marquette MI 256 PM EST Sat Jan 31 2009  
Windy Conditions To Develop After Midnight Tonight...  
Strong Low Pressure Over Southern Manitoba Will Move East Across Northern Ontario Tonight... Bringing A Cold Front  
Across Upper Michigan. Expect West

Winds To Increase Rapidly Behind This Front Over The Keweenaw Peninsula... With Gusts To 45 Mph Likely After  
Midnight. These Blustery Conditions Will

Continue Through Sunday Morning... Then Begin To Relax In The Afternoon As The Low Moves Farther Away.

Keweenaw-Northern Houghton- Including The Cities Of... Copper Harbor... Houghton... Hancock 256 PM EST Sat Jan 31  
2009  
The National Weather Service In Marquette Has Issued A Wind Advisory... Which Is In Effect From 1 AM To 1 PM EST  
Sunday.  
Look For Southeast Winds Of 10 To 15 Mph To Turn To The Southwest This Evening... Then Increase Out Of The West  
At 25 To 35 Mph Shortly After

Midnight. Gusts To 45 Mph Are Likely As Well. Look For The Windy Conditions To Persist Through Sunday Morning...  
Then The West Winds Will Diminish To

15 To 25 Mph Sunday Afternoon. A Wind Advisory Means That Winds Of 35 Mph Are Expected. Winds This Strong Can  
Make Driving Difficult... Especially For

High Profile Vehicles. Use Extra Caution.

For NOAA Weather in your area tune to your local NOAA Weather All-Hazards Weather Radio. In the Copper Country it  
is 162.400 MHz. In the Marquette area it is 162.550 MHz.