

Re: Summer format—Effective May 1, 2007

Dear Badger Weather Net member;

This letter will serve to refresh you on what is expected in your BWN summer reports.

The summer format consists of the following, in this order:

A message number (any number- typically day of month) followed by this information:

1. 24 hour high temperature (rounded to nearest degree)
2. 24 hour low temperature (rounded to nearest degree)
3. Current temperature (at the net time of recording high and low temperature)
4. 24 hour precipitation (to nearest hundredth [.01] of inch)

I wish to emphasize that precipitation is the *melted water equivalent* of anything that falls from the clouds. This is rain, snow, sleet, hail. Column 3 is not just for rain!! If *precipitation* is unknown or questionable, just say-- “missing” or “x-ray”.

The most accurate method to measure precipitation is in a calibrated cylinder such as the all weather rain gauge available at <http://www.storesonline.com/site/453784> \$2 garden gauges with one inch openings are not very good or accurate. Be sure your gauge is in the open with a 45 degree cone angle free of obstructions.

Don't forget to reset your thermometer and dump the precipitation after taking readings!

When reporting your figures, please give all numbers separately. For example, a temperature of 50 degrees should be reported as “Five Zero degrees”. You may add “fifty” afterwards, for clarity, but don't just give “fifty degrees”. It can be confusing to the pickup station because *fifty* can sound like *sixty* under some propagation situations. There are plenty of other such examples. We want to be sure we are reporting what you want us to give!

We really appreciate your participation in the BWN because it provides valuable data to the National Weather Service. This data is used by them for numerous hydrological, meteorological, and climatological studies and is directly incorporated into computer models used in daily forecasting.

If you have any questions, please feel free to ask.

Looking forward to your daily reports!

73,

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