

Weather Activities

A vertical thermometer graphic with a red liquid column and a grey bulb at the bottom. It has several horizontal tick marks along its length.

PREDICTING TEMPERATURES

If there is a clear sky and a light wind you can predict the minimum night temperature. The time of the first reading varies. Take the temperature one hour after sunset in December and January; 1.5 hours in October, November and February; and 2 hours in the other months.

You will need:

- Flashlight
- Thermometer,
- Pen
- notepad

1. Look up the time of sunset on ABC11.com. Depending on the month, wait until 1 or 1.5 or 2 hours after the sun goes down, then go outside and measure the air temperature away from any warm air that may be close to the house. Write this temperature down.

2. Take the temperature again after one hour. Subtract this reading from the first to find the hourly drop. Now out the hours until one hour before dawn. Multiply this by the rate of temperature fall. Subtract this from the second reading, to predict the minimum temperature.