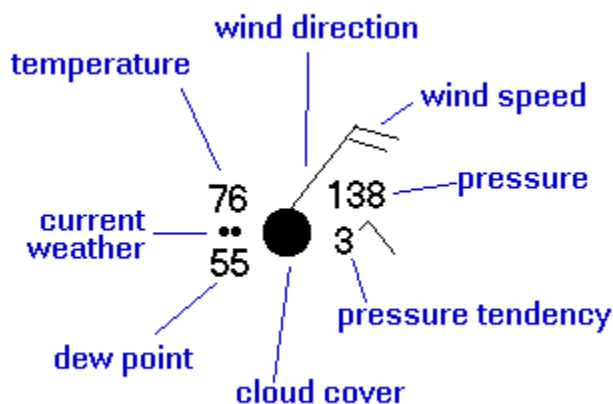


Making Weather Station Models

Weather forecasters developed a system for representing current conditions at an observing station well over a century ago and now used worldwide. “Weather station models” use numbers and symbols in specific locations around a circle indicating the location on a weather map. One version is:



(Source: http://profhorn.meteor.wisc.edu/wxwise/weather/lesson3/content_Station.html)

There are many other web-based resources to help your students understand how to read station models. Here is an example used for training through NOAA’s Weather Prediction Center: <http://www.wpc.ncep.noaa.gov/html/stationplot.shtml>

Wikipedia provides a tutorial at https://en.wikipedia.org/wiki/Station_model#/media/File:Station_model.gif.

Station model information is included in the Earth Science Reference Tables, and there are always one or more questions that require this on each ES Regents Exam. So it is important that you and your students be comfortable creating and interpreting such diagrams.

Use the information about current weather in your location to create a station model in the space below:

