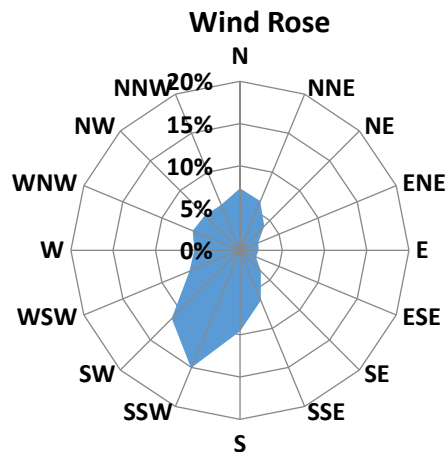


A wind rose gives a succinct view of how wind speed and direction are typically distributed at a particular location. Presented in a circular format, the wind rose shows the frequency of winds blowing from particular directions. The length of each "spoke" around the circle is related to the frequency of time that the wind blows from a particular direction. Each concentric circle represents a different frequency, emanating from zero at the center to increasing frequencies at the outer circles. (Source: Natural Resources Conservation Service, USDA).



Create a wind rose for your location.

1. Download the Wind Rose Generator Excel file and open it on your computer.
https://maps.cise.jmu.edu/public/wind/NewSBALPmapWebsite/documents/wind_rose_generator.xls
2. In the interactive web map, turn on the Wind Rose Layer (You must be zoomed in reasonably close to your desired location).
3. Click on the red diamond closest to your point of interest.
4. The pop-up box has frequency values. Type these into the spreadsheet in the "Wind Rose Values" column matching the freq number. (Enter numerical values only)
5. The wind rose graph will be filled in as you enter the values.
6. When you are done you can copy and paste the graph into another document or save the excel file as your own calculation spreadsheet.