



**Figure 3.2.1. Wind rose for the Capital Airport in Springfield, Illinois (1987-91).** The frequency of blowing wind is plotted as bars that extend to the center of the diagram in the direction that the wind is blowing. Wind speeds are denoted by bar widths and shading; the frequency of wind speed within each wind direction is depicted according to the length of that section of the bar. Note that because the wind rose displays directions **from** which the wing blows, emissions would travel downwind in the opposite direction.