

Creating Wind – Velocity vectors in ArcView 3.2x

1. Data requirements are an Arcview shapefile in point format with two columns of data.
 - a. Wind direction (winddir)
 - b. Wind speed (wndspd)

All wind-vector files generated by the Fire Sciences Lab have these additional data columns within the shapefile.

2. After loading the file into the Arcview project open up the “**Legend Editor**” (**Fig. 1**).
3. In legend type select “**Graduated Symbol**”
4. In the “**Classification Field**” select wndspd.
5. Select “**Advanced Tab**” and in “**Rotation Field**” select wndspd and **OK (Fig.2)**.
6. In the legend editor select symbol type, to get an arrow you may need to load the esri arrow palate, also at this stage you can scale the symbol by changing the “**Size Range**”. At this point you should also change the colors of your arrow.

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a. Adjusting Size (You can do both of these at once):

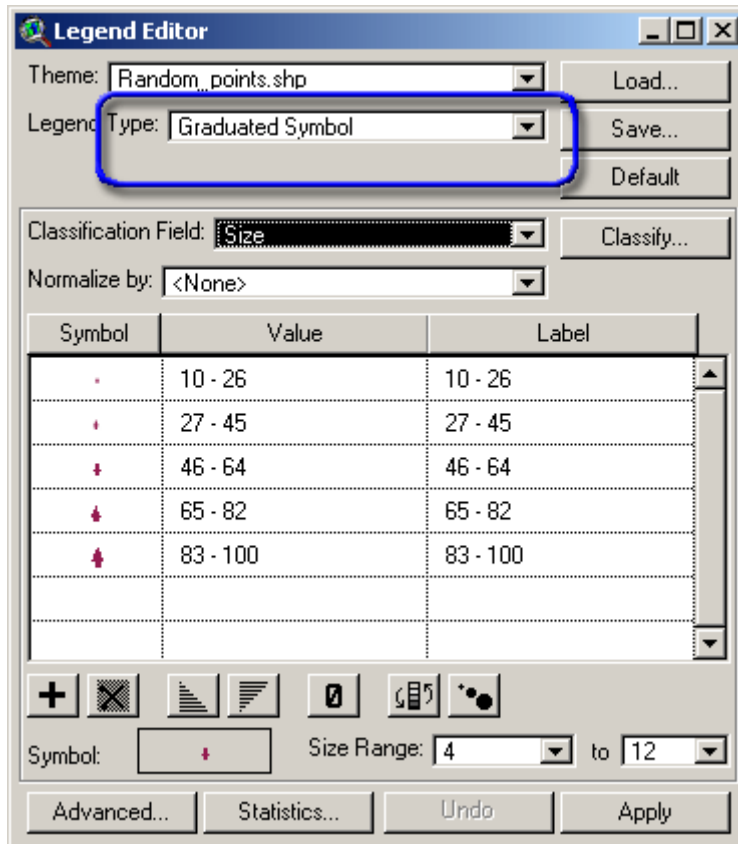


Figure 1

b. Adjusting Rotation Angle: (Figure2)

