**Graphing Earth’s Atmosphere**

Using Weather and Climate book pg. 31-37 find the distances of the following layers and objects, graph at the appropriate scale.

1. Determine your scale using miles
2. Graph layers and label on the lines
3. Create a thermometer to show temperature you should color in the layers appropriately
4. Add to your key a symbol for what is in the atmosphere and then at the appropriate place on your graph place these symbols

Hint: 1 mile = 1.61 km

**Layers of the Atmosphere**

Thermosphere:

Mesosphere:

Stratosphere:

Troposphere:

**Temperatures**

Thermosphere:

Mesosphere:

Stratosphere:

Troposphere:

**What goes on in the atmosphere**

Planes flying: occurs in the layer

Rain clouds: occur in the layer

Northern lights form: occurs in the layer

Meteors burn up: occurs in the layer

Reflects radio waves: occurs in the layer

Protective Ozone Layer: occurs in the layer