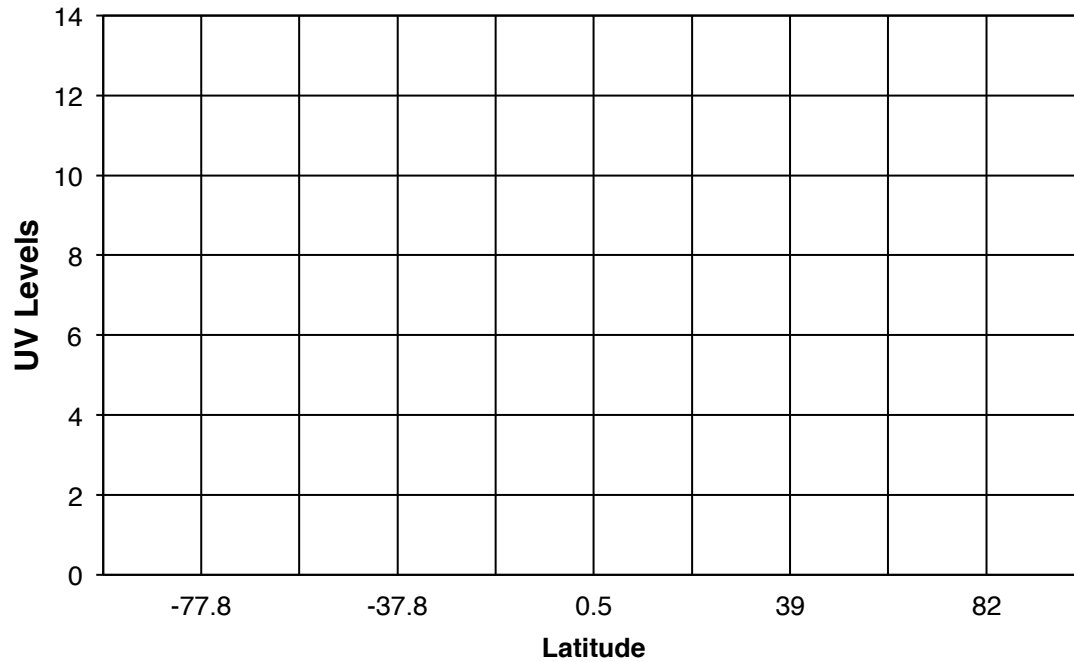


Name: _____

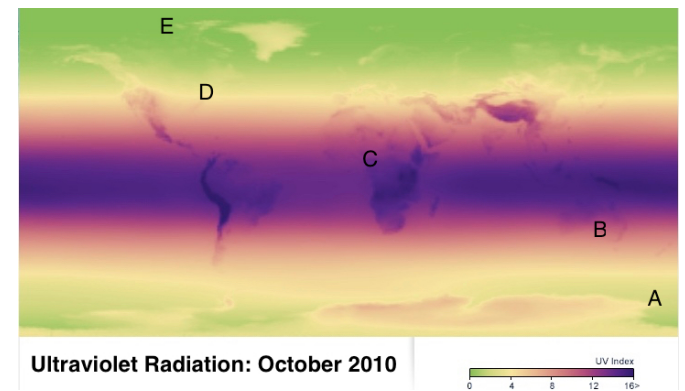
How Is the UV Index Affected by Latitude?

Create a graph using the following information from the table below. Plot the data on the graph. Using a colored pencil, connect the plots, creating a line graph.

UV Levels Vs. Latitude



Location	Latitude	UV Index
McMurdo, Antarctica	-77.8	1.7
Melbourne, Australia	-37.8	8.7
Libreville, Gabon, Africa	0.5	13.8
Washington, DC	39	4.6
Alert, Nunavut, Canada	82	0.3



What happened to the UV index as latitude changed (negative latitude values are in the southern hemisphere)?

How are yours and your partner's graphs related? What is the relationship between UV and Ozone levels?

What do you think happened to UV levels as the ozone hole grew?

Now that the ozone hole is shrinking what will happen to UV levels on earth?
