

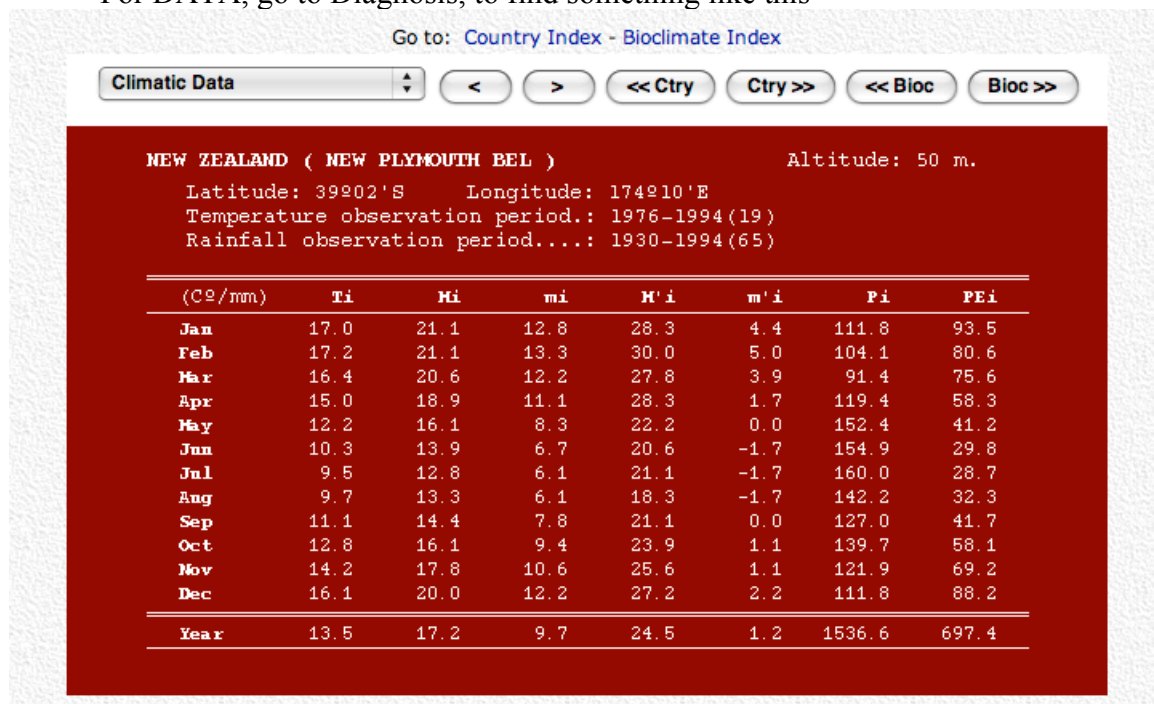
Name: _____

Directions: In Chapter 2, Molles highlights a really effective graphical summary known as a Walter Climate Diagram – or simply a Climate Diagram, which describes monthly patterns of climate variation at a particular location.

Your job here is to construct your own Climate Diagram for the location of your choice. I suggest that you use the location you chose as your dream “ecological destination,” but any interesting place will do. **Follow the guidelines in Molles figure 2.6 and make sure to be complete.** To help you along, I’ve included spaces above the graph for some of the relevant information and set up your scales. **Be sure to include separate data for temperature and precipitation, appropriate ordering of months, and some indication of the growing season (months with a mean minimum temperature above freezing).** During the next class, we will share our climate diagrams and discuss the major patterns of bioclimatology.

For data resources, go to globalbioclimatics.org.

- From the Homepage, go to Search Stations.
- Under the GBO Web Site column, go to Sensitive Maps
- Select a region, then select a station. You should see a climate diagram.
- For DATA, go to Diagnosis, to find something like this



Key columns: Ti=mean temp, Mi=mean max temp, mi=mean min temp, Pi= mean precip (mm)

Based on the data you collected, construct a climate diagram below:

Location:

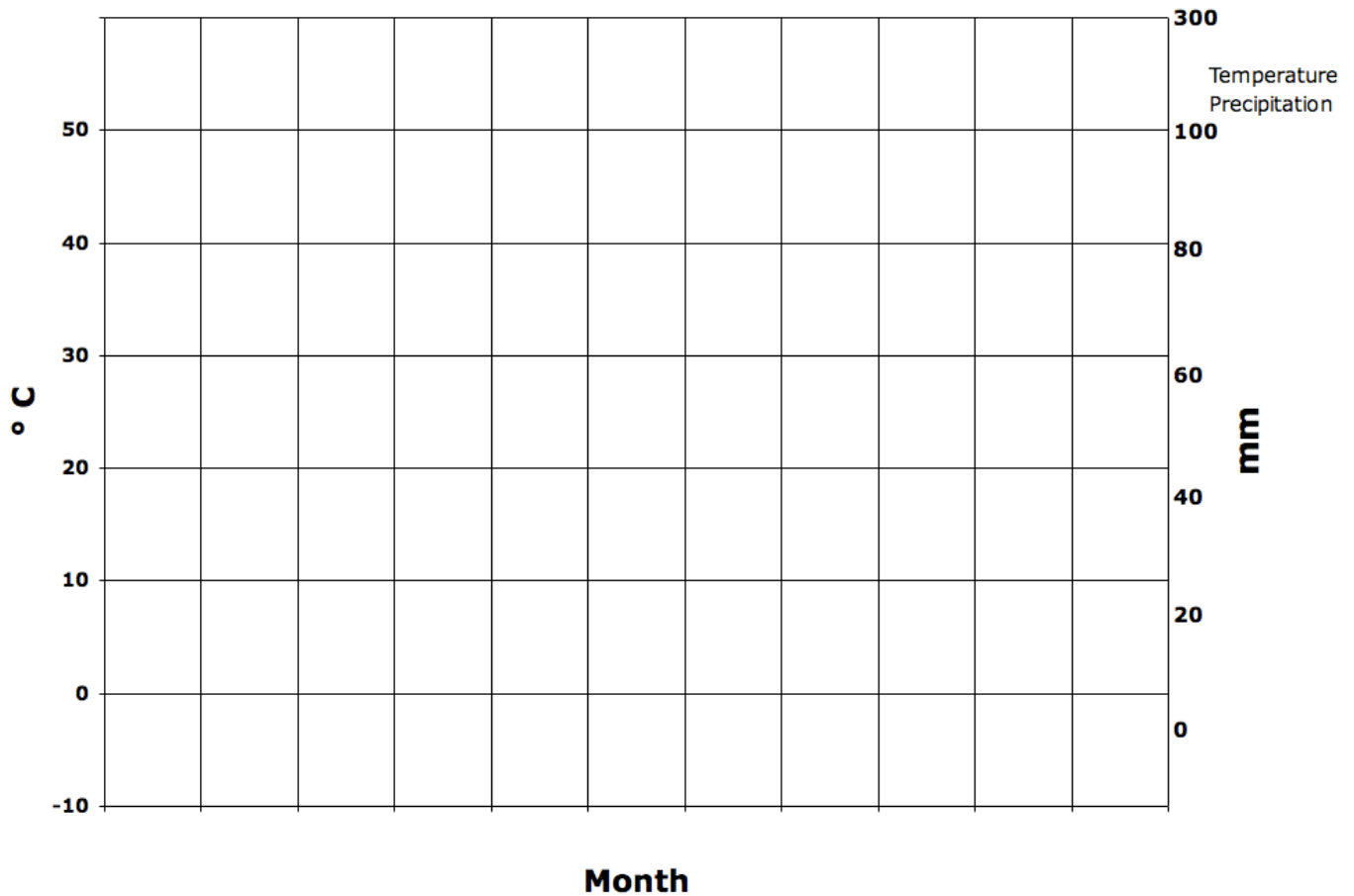
Latitude:

Longitude:

Elevation:

Mean Annual Temperature:

Mean Annual Precipitation:



For use in class:

Partner's Name: _____ Their guess at your biome: _____

Actual biome: _____