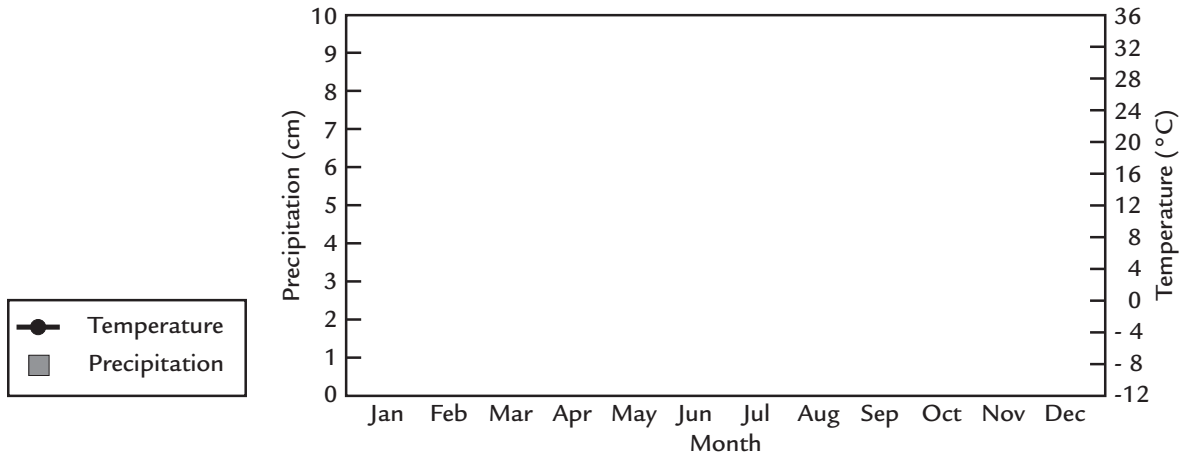# Climatologist's Report

1. Create a climate graph of the data in Table 2, "Mean Monthly Temperature and Precipitation for Sunbeam City (1981–2010)."

2. Use the information from the summary and the climate types described in Activity 53, "Weather and Climate," to identify the climate type of Sunbeam City.

    _____ Polar   _____ Mild

    _____ Severe   _____ Dry

    _____ Highland   _____ Tropical

3. Identify which climate factors most directly affect the climate of Sunbeam City.

    _____ Energy from the sun

    _____ Ocean currents

    _____ Presence of large bodies of water

    _____ Large landforms, such as mountains

    _____ Altitude (height of land above sea level)

    _____ Prevailing winds

    _____ Cloud cover

4. Explain how each factor that you identified in Question 2 above influences the climate of Sunbeam City. Be as specific as you can.

    _____

    _____

    _____