Science 9 Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ch 1.2 notes Blk: \_\_\_\_ Date: \_\_\_\_\_\_\_\_\_

### Ch 1.2: Climatographs

# A) Climate Versus Weather

|  |  |
| --- | --- |
| **Weather** | **Climate** |
| * is the condition of the atmosphere at a **specific place** at a **specific time**.
 | * is the **average pattern of weather** conditions that occur in a region, observed over a **period of years.**
 |
| Example:  | Example:  |

**B) Climatograph:**

* A climatograph shows the climate (average temperature and precipitation) for a location

over a period of **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.

* **Includes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** &

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.**

* The bars on the graph show the average **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.
* The line on the graph shows the average **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.

**Example:** Examine the differences between the climatograhs for Tofino and Osoyoos.



1. Answer the following questions.

 (a) What does the horizontal axis of a climatograph show? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Does the line connecting the dots show temperature or precipitation? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) What does the right vertical axis on a climatograph show? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) What is the average temperature of Tofino in October? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(e) What is the average temperature of Osoyoos in July? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(f ) In which month does Tofino have the lowest average temperature? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(g) What does the left vertical axis on a climatograph show? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(h) What is the average precipitation in Tofino in August? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(i) How much precipitation is received in Osoyoos during its driest month? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(j) How do the average temperatures compare for the two locations in October? \_\_\_\_\_\_\_\_\_\_\_\_\_