

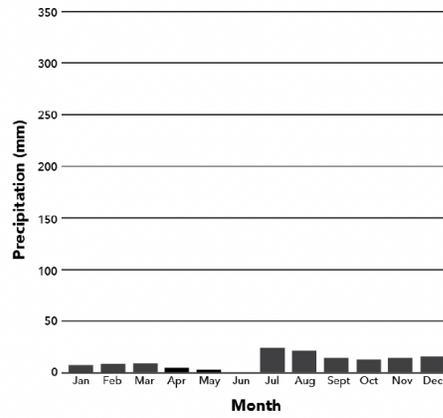
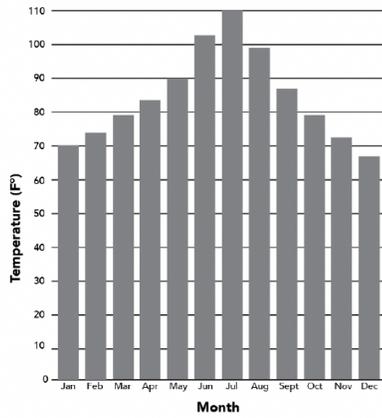
A family wants to take a trip in the spring. They can choose from four places to visit. They look at climate patterns for each place to help them decide where to go. Below is a table of their data.

Trip Location Weather Information		
Trip Location	Typical Temperatures in Spring (low to high temperatures)	Precipitation in Spring (inches of rain)
Place 1	56–67°F	3 inches
Place 2	72–85°F	half inch
Place 3	64–72°F	2 inches
Place 4	30–40°F	half inch

The family wants to do a lot of outdoor activities. They want this place to be mostly dry and warm. Which location would they **most likely** choose to visit?

- a. Place 1
- b. Place 2
- c. Place 3
- d. Place 4

A team of scientists studied the climate of one town for 30 years. They put information about the average daily temperature for each month on graph A. They put information about the average total precipitation per month in graph B.



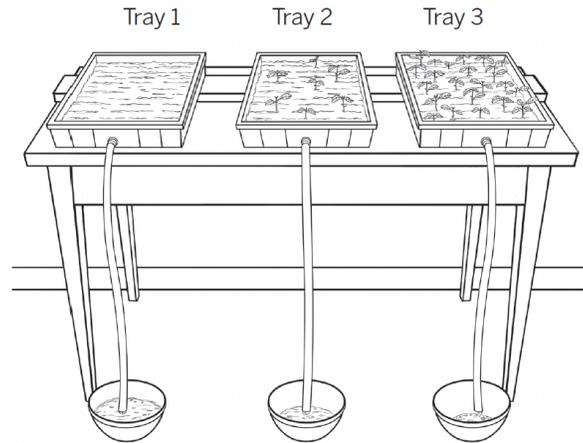
Using the graphs above, which statement best describes this town's climate?

- a. Cold and moist
- b. Hot and moist
- c. Hot and dry
- d. Cold and dry

Rosa is trying to design a new type of umbrella. When opened, the umbrella has a fan on the top that blows rain away from the person carrying it. This feature will help people stay drier in a rainstorm. What is the best way for Rosa to test her design for the umbrella?

- a. She should open the umbrella outside on a sunny day.
- b. She should use lawn sprinklers outside to see how the fan works.
- c. She should use the umbrella on a day where there is a lot of wind.
- d. She should practice opening and closing the umbrella in the classroom.

Rainstorms can wash away dirt, sand, and other parts of the land. A student wants to find a way to protect the earth from rainstorms. She fills three trays with the same amount of soil. Tray 1 contains only soil and no plants. She puts some plants into Tray 2 and a lot of plants into Tray 3. The picture below shows the student's setup.



The student pours the same amount of water into each tray. A hose carries the extra water from each tray into a dish on the floor. She finds that Tray 1 had the most soil washed away. Tray 3 had the least amount of soil washed away. What can she learn from these findings?

- a. Water is stronger than plants.
- b. Plants can help keep soil in place.
- c. Trays with more soil will have more soil to wash away.
- d. Warm water makes soil wash away faster.