

Air Pressure and Weather

1. Complete the following sentences.

Low pressure occurs where air is _____, forming clouds, rain and _____ conditions. The lower the pressure, the _____ the weather will be.

High pressure occurs where air is _____, so there are very few clouds. High pressure in the summer brings clear skies, high temperatures and _____. Evenings are _____ owing to the lack of clouds.


High pressure in the winter brings _____, bright days and freezing night time temperatures. _____ is common.

windy stormier cold sinking cooler frost rising sunshine

2. You are going on a camping trip in July. The weather forecast shows an area of **high** pressure. Make a list of five items you should pack to cope with the weather.



3. You are on a school trip. The weather forecast shows an area of **low** pressure. Write a postcard home describing what the weather is like and whether it has affected your activities.



Air Pressure and Weather Answers

1. Low pressure occurs where air is **rising**, forming clouds, rain and **windy** conditions. The lower the pressure, the **stormier** the weather will be.

High pressure occurs where air is **sinking**, so there are very few clouds. High pressure in the summer brings clear skies, high temperatures and **sunshine**. Evenings are **cooler** owing to the lack of clouds.

High pressure in the winter brings **cold**, bright days and freezing night time temperatures. **Frost** is common.

2. Camping list suggestions

- Sun cream
- Sunhat
- Swimsuit
- Shorts and t-shirt
- A warm jumper for the evenings
- Water
- An extra blanket for night time

3. Postcard should include a description of wet and windy weather. The weather may have caused activities to be cancelled or resulted in wet clothing!