

Mountain weather in the Scottish Highlands

How does the rainfall vary with height and seasons in the Grampians?
Find out using the data below.

The table on the right shows the monthly rainfall in millimetres for Fort William and Loch Katrine in the Scottish Highlands.

Fort William is at the foot of Ben Nevis on the western side of the Grampians. Fort William is about 20 metres above sea level.

Loch Katrine is on the southeastern side of the Grampians. Loch Katrine is about 244 metres above sea level.

	Fort William	Loch Katrine
Jan	224	249
Feb	159	179
Mar	147	150
Apr	100	121
May	90	114
Jun	107	111
Jul	126	126
Aug	152	158
Sep	175	170
Oct	201	222
Nov	202	212
Dec	235	259

Q1. Which is highest, Fort William or Loch Katrine?



Q2. Which has the highest rainfall in most months, Loch Katrine or Fort William?



Q3. Which is the wettest month of the year?



Q4. Which are the driest months of the year at each place?



Answers

1. **Loch Katrine.**

2. **Loch Katrine.**

3. **December.**

4. **May for Fort William and June for Loch Katrine.**

Notes

Encourage students to see that higher means more rainfall.

Notice that December is the wettest month in this region. Contrast this with October as the wettest month for the Lake District, and thus show that not everywhere in the country has the same rainfall pattern.

ICT: The data are more fully interpreted on the web site under 'In-depth... for projects' or on The Mountain and Volcano Project CD. Go to Scottish Highlands and click on Weather.