

Solutions

Each answer shows the steps, then the **result**.

2.1

- The windward side

2.2

- They moderate them — milder, more stable temperatures nearby

2.3

- It falls (decreases)

3.1 B

- the leeward (dry) side

3.2

(a)

- On the windward side the air rises, cools, and drops rain; the dry air then descends the leeward side, warming and staying dry

(b)

- A desert (dry ecosystem)

3.3

- Water heats and cools slowly, so the nearby coast stays milder; inland areas lack this buffer and have larger day-night and seasonal swings