

Field instruments

Volcanologists used different remote sensing methods to monitor volcanic gases (mainly SiO_2 from the three volcanoes, Lascar, Villarrica and Puyehue. The researchers were trying to

- i) compare the how effective the different methods were comparatively
- ii) determine the significance of their data collection results in comparison to previous studies

The instrumentation used by the researchers in Chile are methods of remote sensing, where the individual collecting data does not need to be in physical contact with the source of the data. All of the following instruments used are based on ultraviolet (UV) remote sensing.

Organise the following statements the statements on the resource into the table shown below. Link one of the photo graphs to each of the instruments.

UV camera	Ultraviolet Spectroscopy	Sun Photometry	Sun Filter Pack