

Microclimate and its effect on vegetation in the Southern Rocky Mountains

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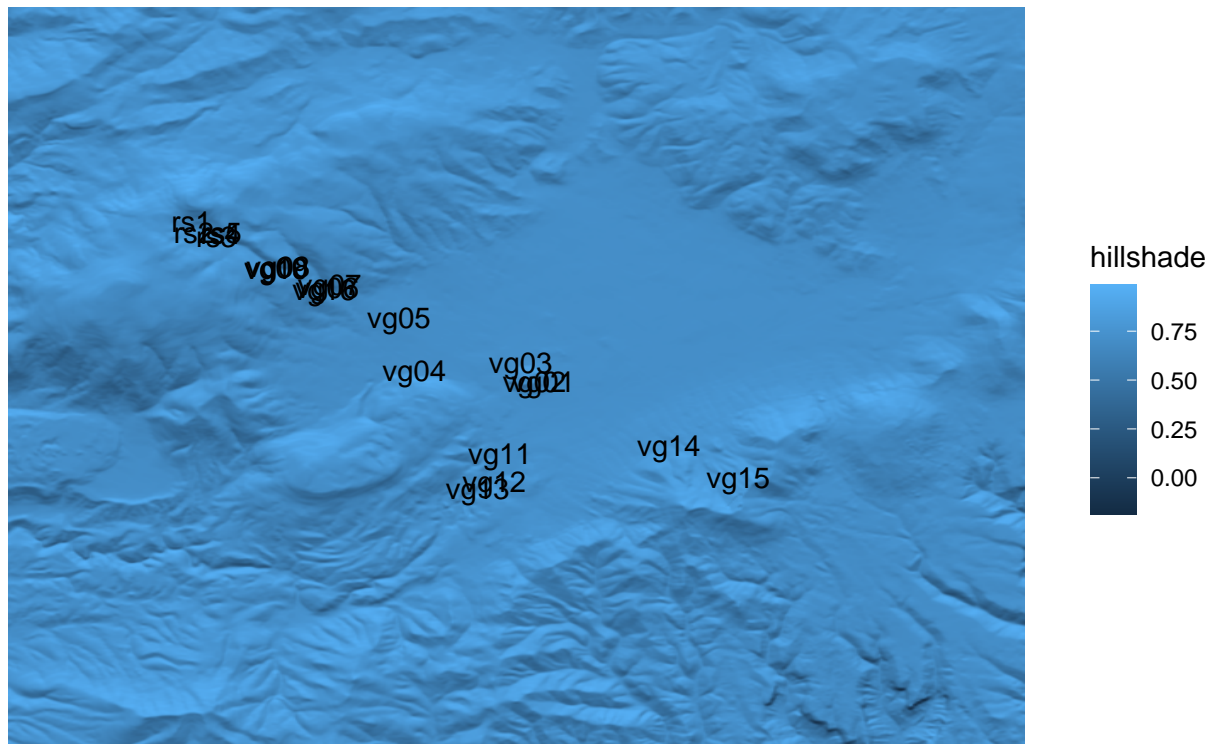
2024-02-08

Initial findings

Map of sensor locations

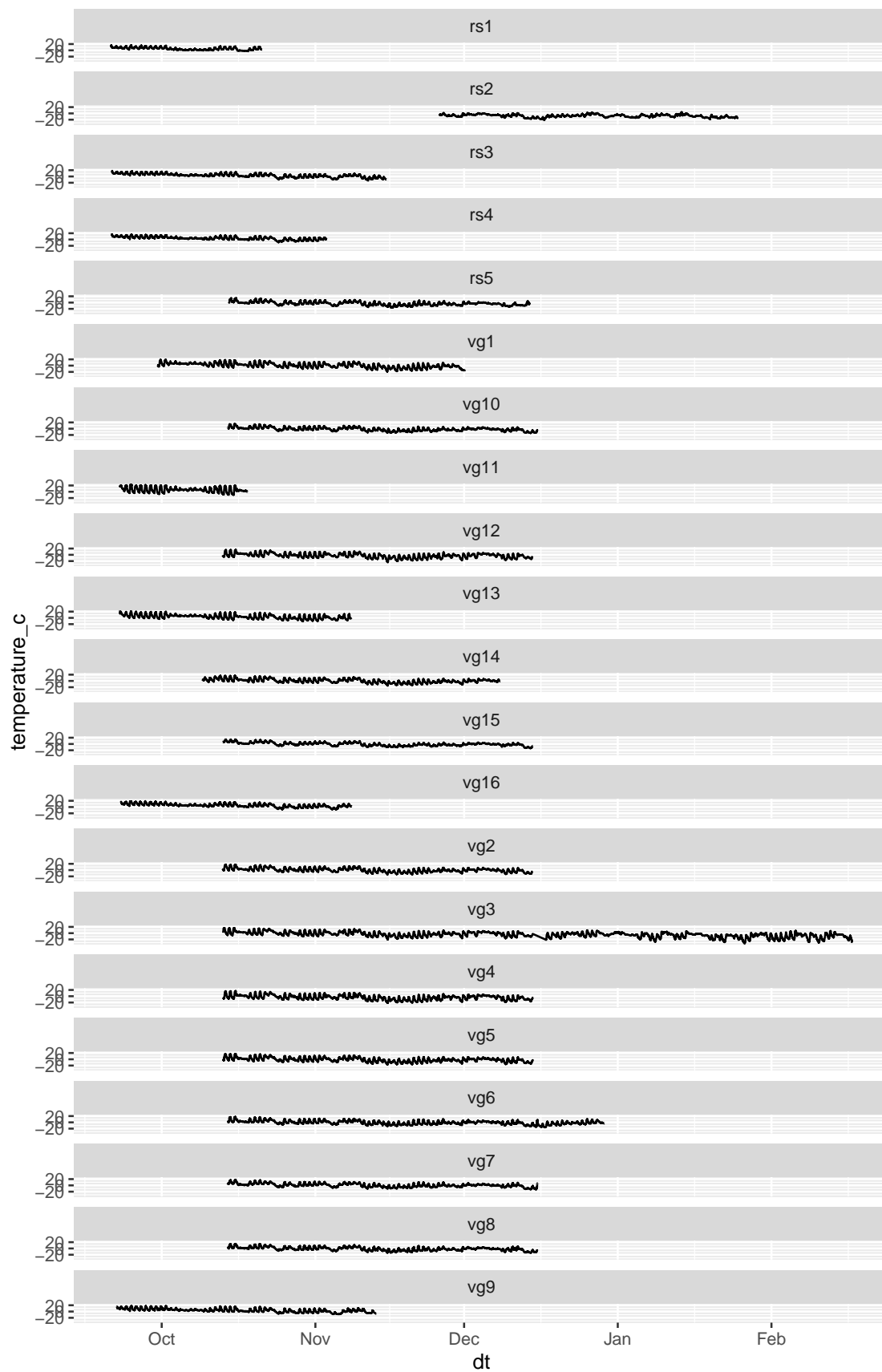
Sensors were placed in a transect from Redondo Saddle, through the small hill near the visitor center, and to the other side of the Valley. Additional sensors were placed on the valley bottom where we anticipated cold air to pool in the morning.

Sensor Locations

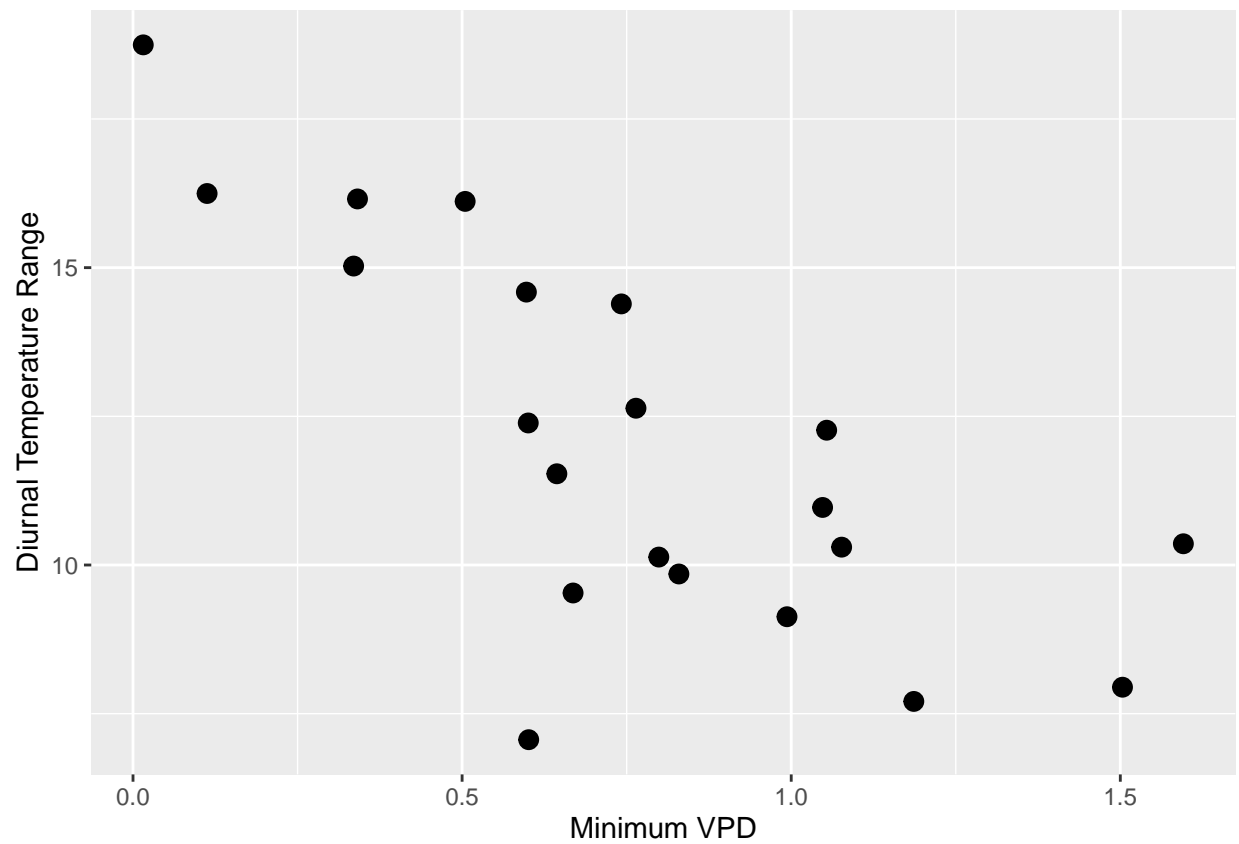


sensor time series measurements

Each sensor was visited in December 2022 to retrieve data, and again in August 2023 to remove.



Plot of Minimum vpd vs Diurnal Temperature Range



Non-metric multidimensional scaling plots

This illustrates how community composition is associated with diurnal temperature range and minimum VPD

