

Groundwater & Surface Water Interactions in the Ukiah Valley Basin

This study aims to improve understanding of how groundwater and surface water interact under varied climate and management scenarios in the Ukiah Basin as this process relates to sensitive fish species, instream flows, and long-term water management decisions.

Why?

The results will support adaptive water management strategies, helping Ukiah Valley Basin Groundwater Sustainability Agency (UVBGS) fulfill its regulatory obligations under SGMA while safeguarding groundwater resources for both human and ecological needs

Potential Creeks to Monitor

- | | |
|------------------|------------------|
| 1 Forsythe Creek | 5 Robinson Creek |
| 2 Ackerman Creek | 6 McNab Creek |
| 3 Gibson Creek | 7 Mill Creek |
| 4 Doolin Creek | 8 Morrison Creek |

How?

By integrating geochemical, biological, and physical monitoring with hydrological modeling

