

Monthly Update

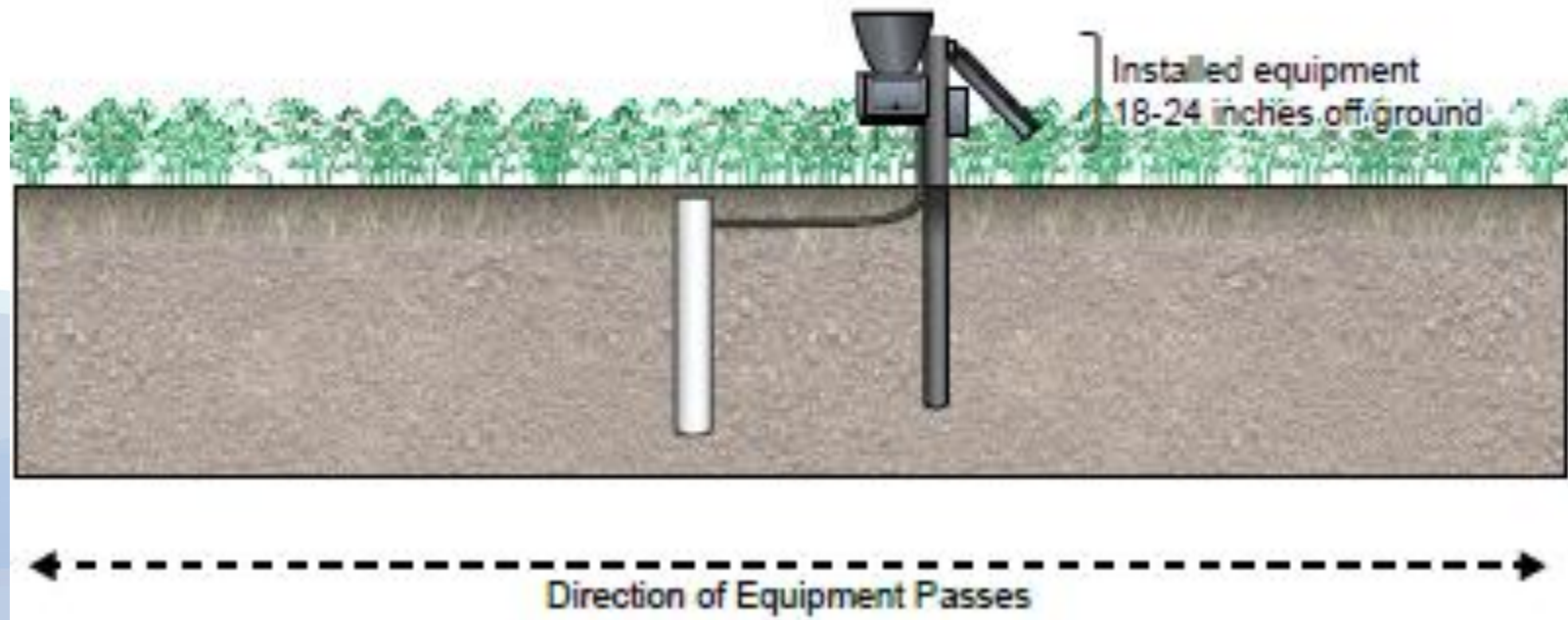
Soil Moisture Station Installations & Regional Weather Stations

September 14, 2026



Existing Soil Moisture Station Installations

Installed at low elevations with the purpose to measure irrigation water. This is no longer necessary and is detrimental to the long-term maintenance of the installation.



Recommended Soil Moisture Station Installations

Equipment Protection

Improving visibility and reducing livestock and wildlife damage

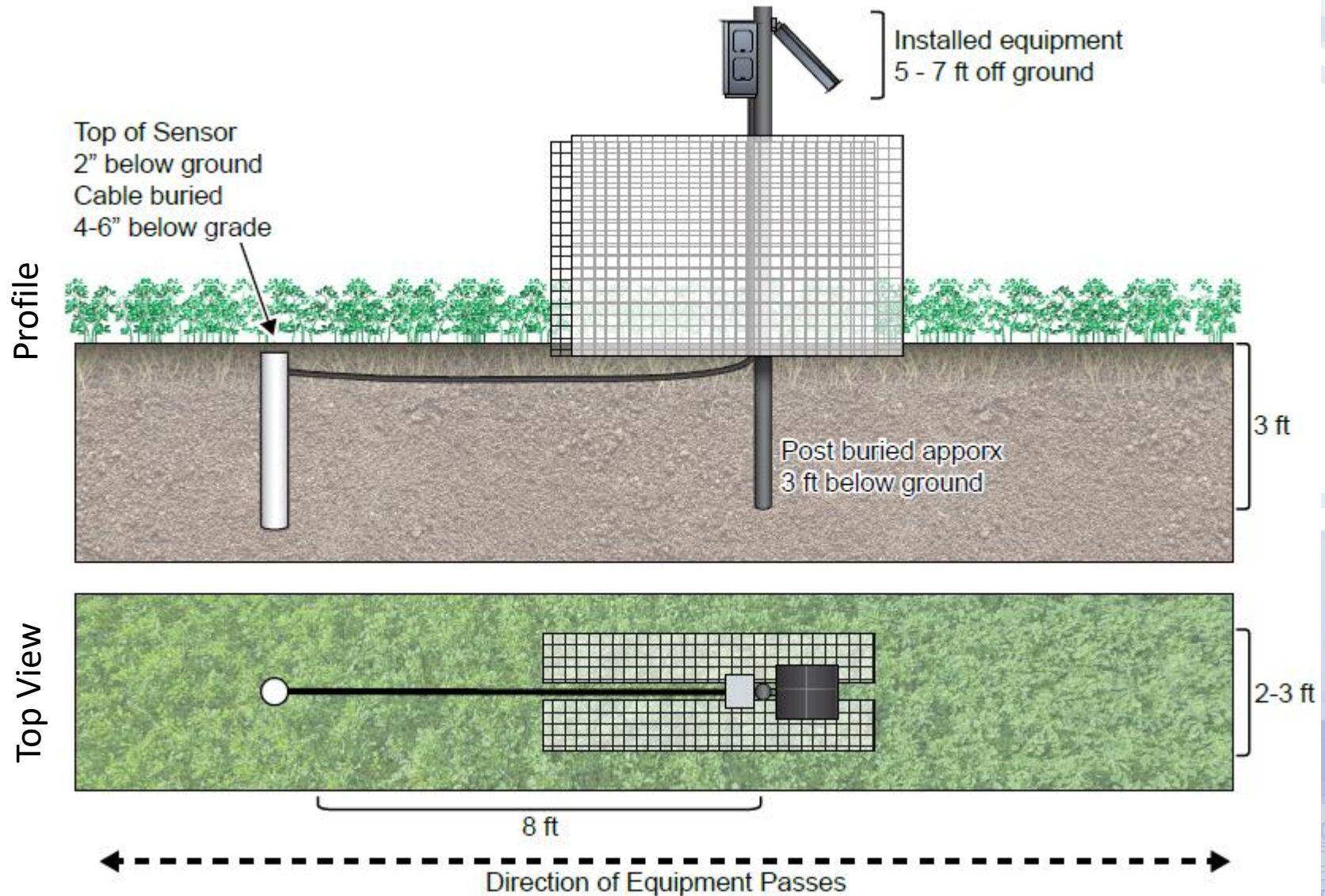
- 1) Install equipment on taller steel post, keeping equipment 5-7 ft off the ground to keep out of reach of cattle, deer and elk.
- 2) Seasonally three small livestock panels surrounding post to keep livestock away from equipment. Alternatively, place livestock fence against equipment post, wired and staked in place. These fence panels can stay in place but would work best to remove during growing season.
- 3) Soil sensor should be buried approx. 2-inches below grade to limit exposure to cattle.

Sensor Reading Improvement

Limit damage and erroneous data occurring as a result of locating sensor in protected area. (i.e. rodent damage/tunnelling)

- 1) Keep soil moisture sensor approx. 8 ft from steel post and outside of protected area to allow for cutting over top & limit rodent refuge.
- 2) Keep sensor cable buried at least 6 inches below grade to limit exposure to damage.

Recommended Soil Moisture Station Installations



Existing Soil Moisture Station Installations in Sierra Valley

Station installed at low elevation
Protected with cattle panels



Station installed at low elevation
Protected with livestock fencing



Station Installed at
high elevation
T-posts for protection
and stability



Sierra Valley Weather Stations

Station Locations:

Beckwourth

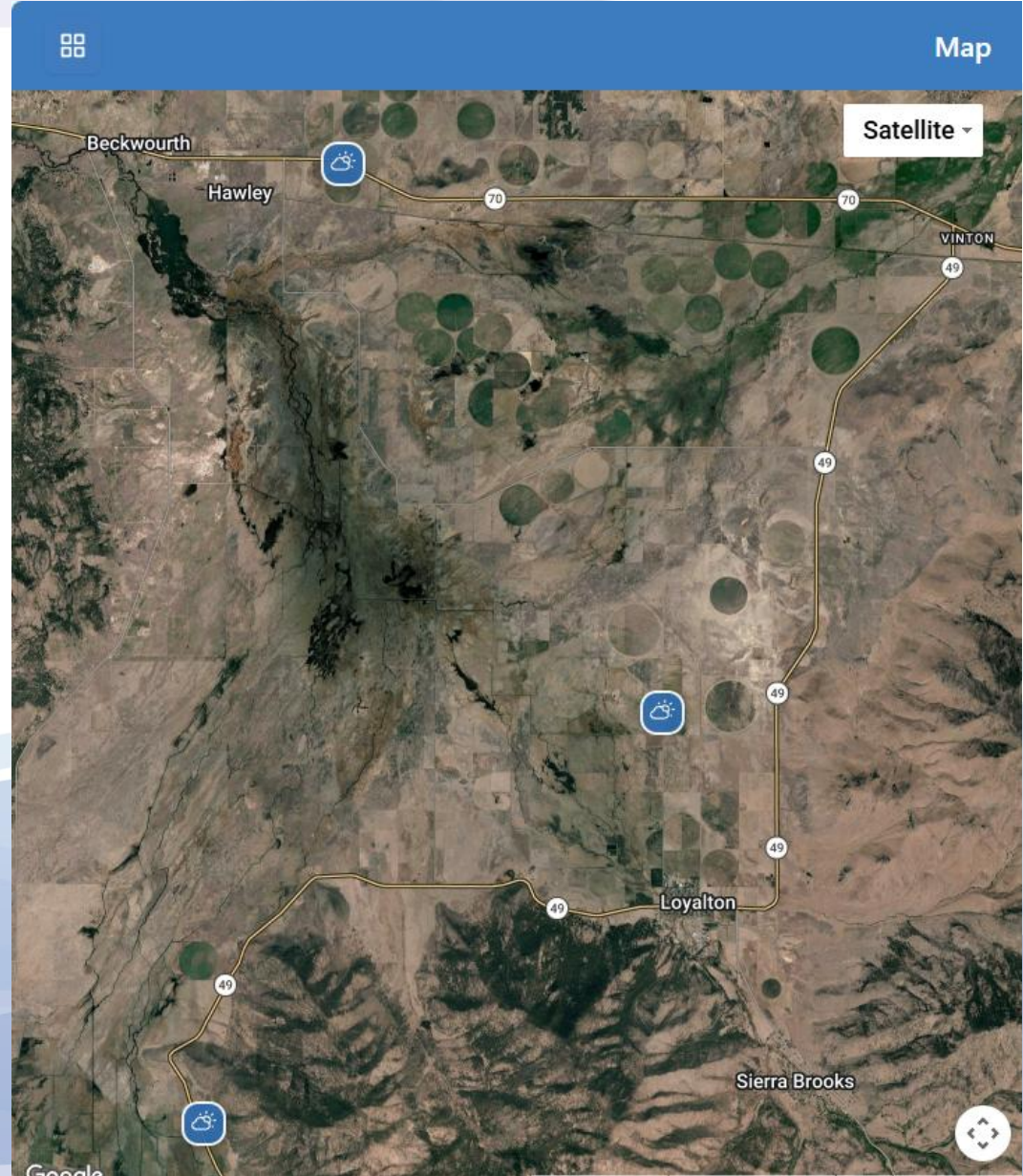
Goodwin Ranch

Loyalton

Bar One Ranch

Sierraville

Grissom Ranch



Sierra Valley Weather Stations

Current Conditions

Rainfall

Air Temperature

Humidity

Wind Speed

Wind Direction

Cumulative Conditions

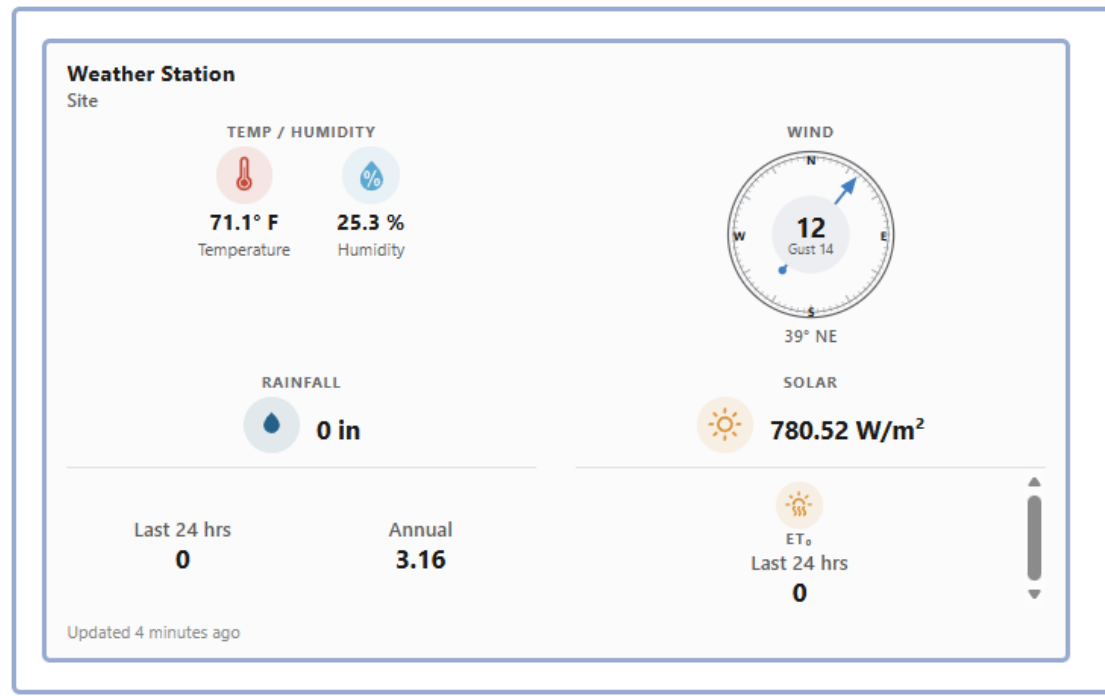
Daily Rainfall

Annual Rainfall

Daily Eto (Reference
ET)

Focus Dashboard Page View

Loyalton Weather — SVGMD

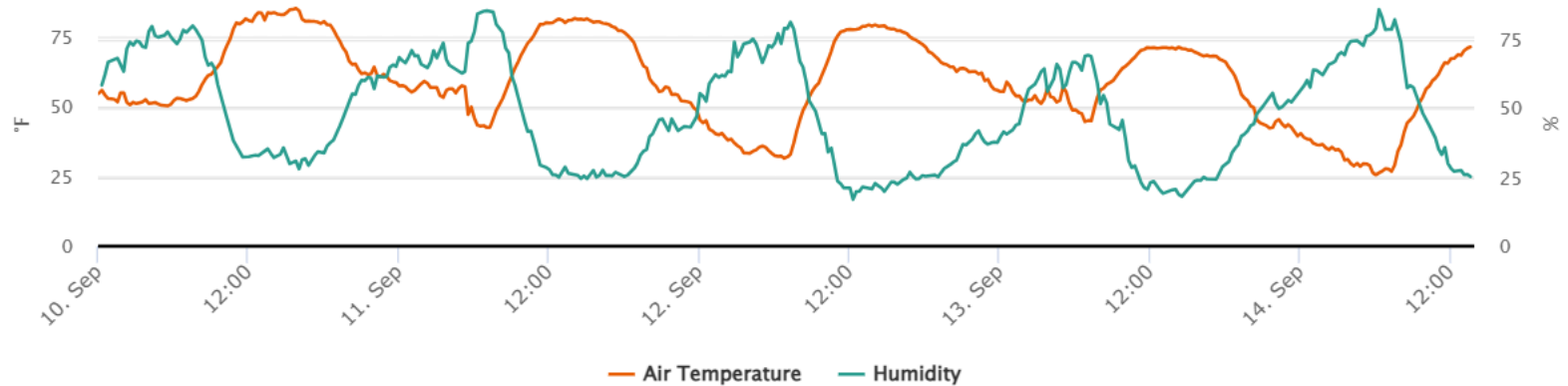


Sierra Valley Weather Stations

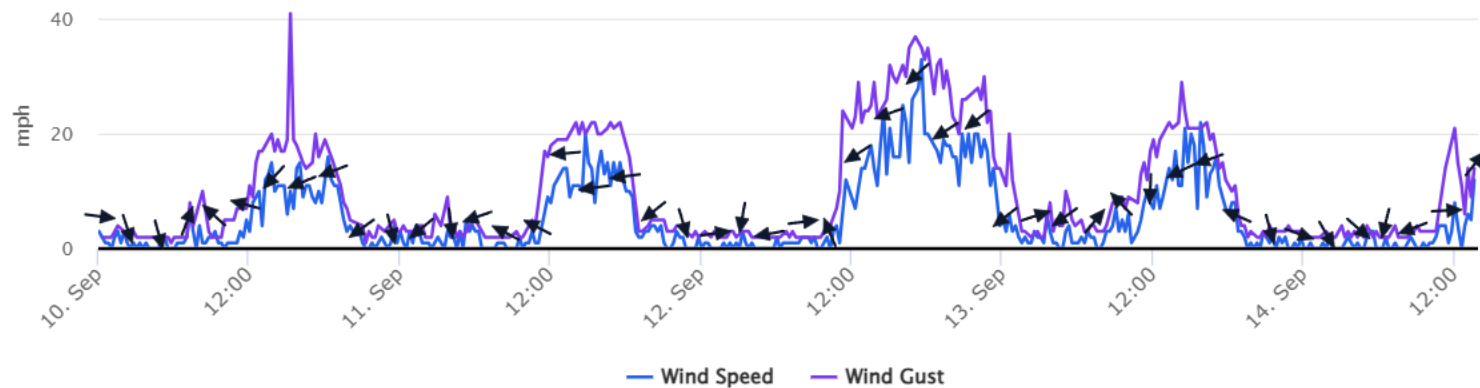
Graphical View



Air Temperature / Humidity



Wind Speed / Wind Gust



Sierra Valley Weather Station Public Access

Website: [neatMon | Login](https://hub.neatmon.com/login) (https://hub.neatmon.com/login)

Current Username: svgmd@sierravalleygmd.org

Password: Sierravalleygmd!