



SCV
WATER

May 17, 2023

Status of Groundwater Recharge Studies

**Water Resources and Watershed Committee
Meeting**

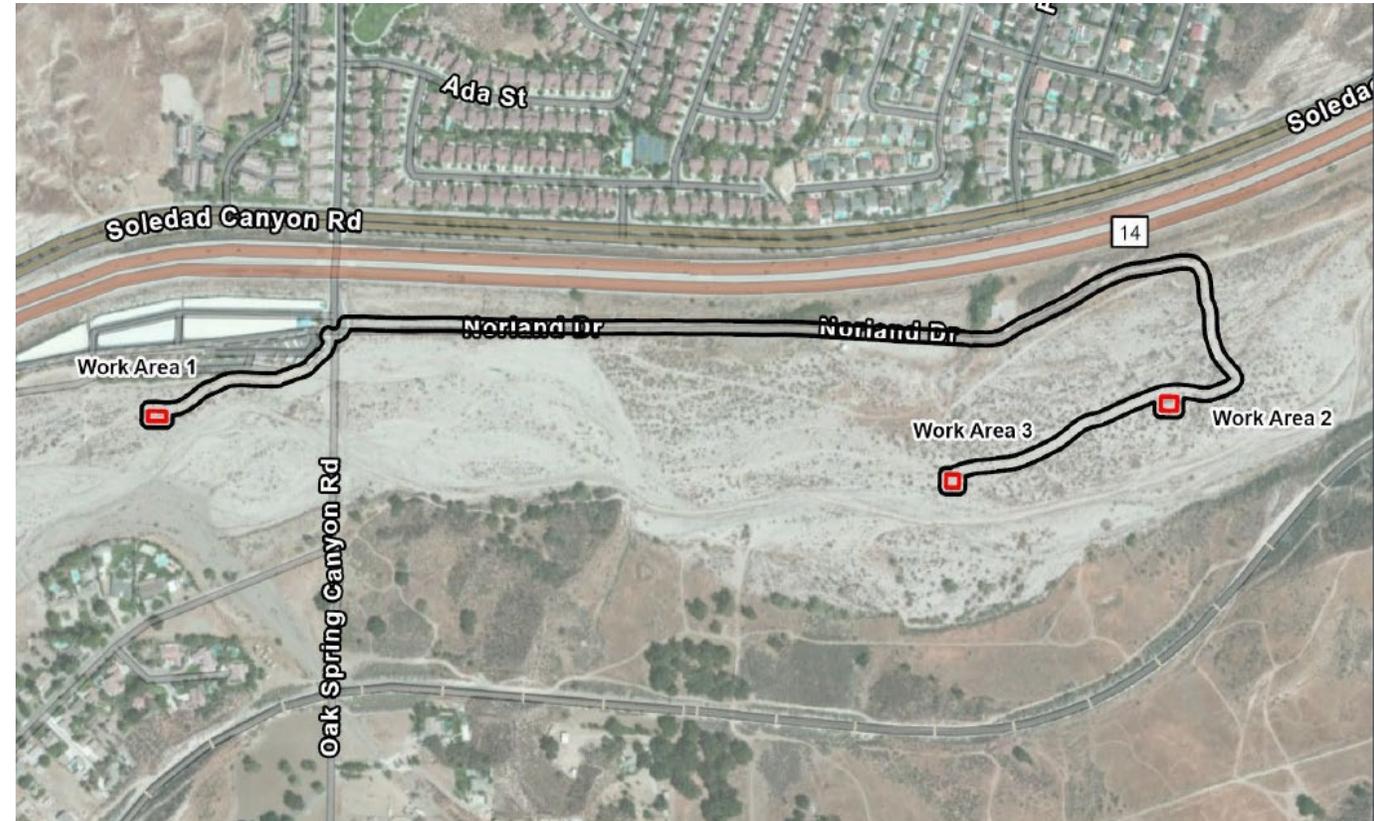
Agenda

- Status of current groundwater recharge studies
- Next steps
- Groundwater levels after recent storms



Recharge Study Updates

- Study Locations
 - Castaic - Support 5,000 AFY of recharge
 - Pinetree - currently 75% complete
- Field data collection activities completed May 11









- Limited access drill rig transported by truck



- Borehole sampling down to 40 ft



Next Steps

- Completion and submittal of recharge studies to DWR
- Develop scope for full scale implementation of recharge projects
- Investigate impacts of local recharge on supply portfolio reliability

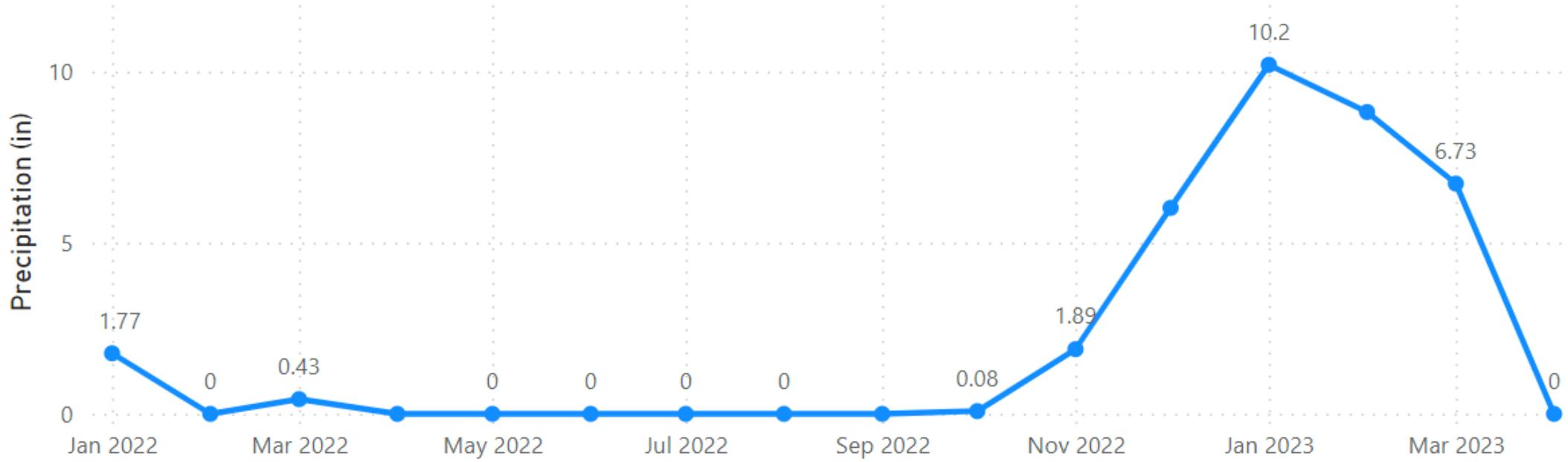




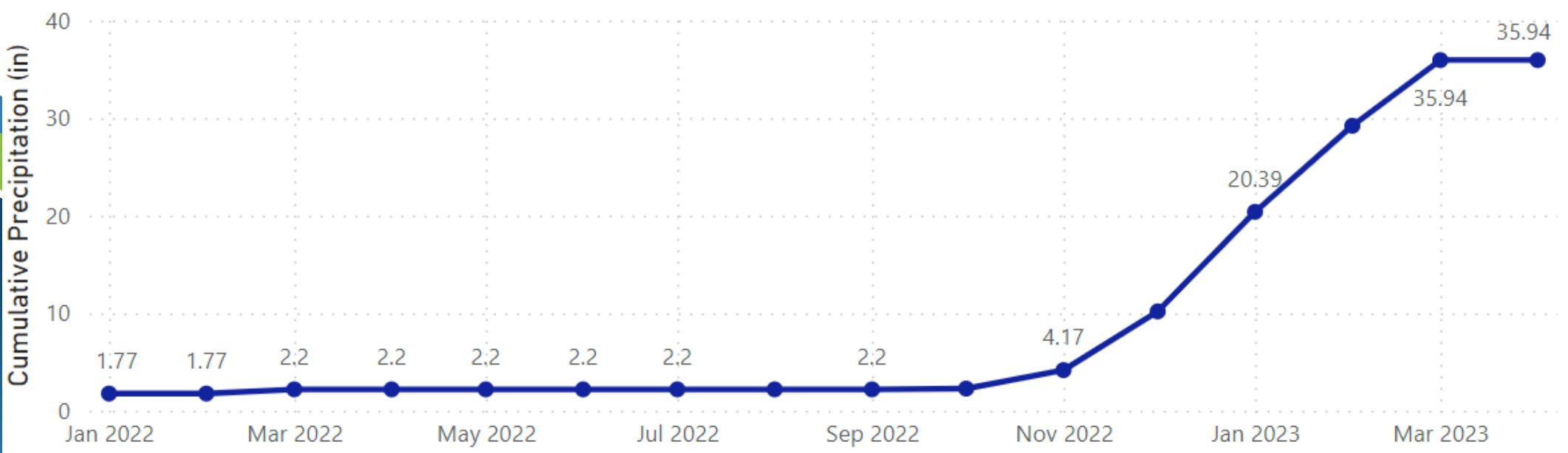
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Recent Storms

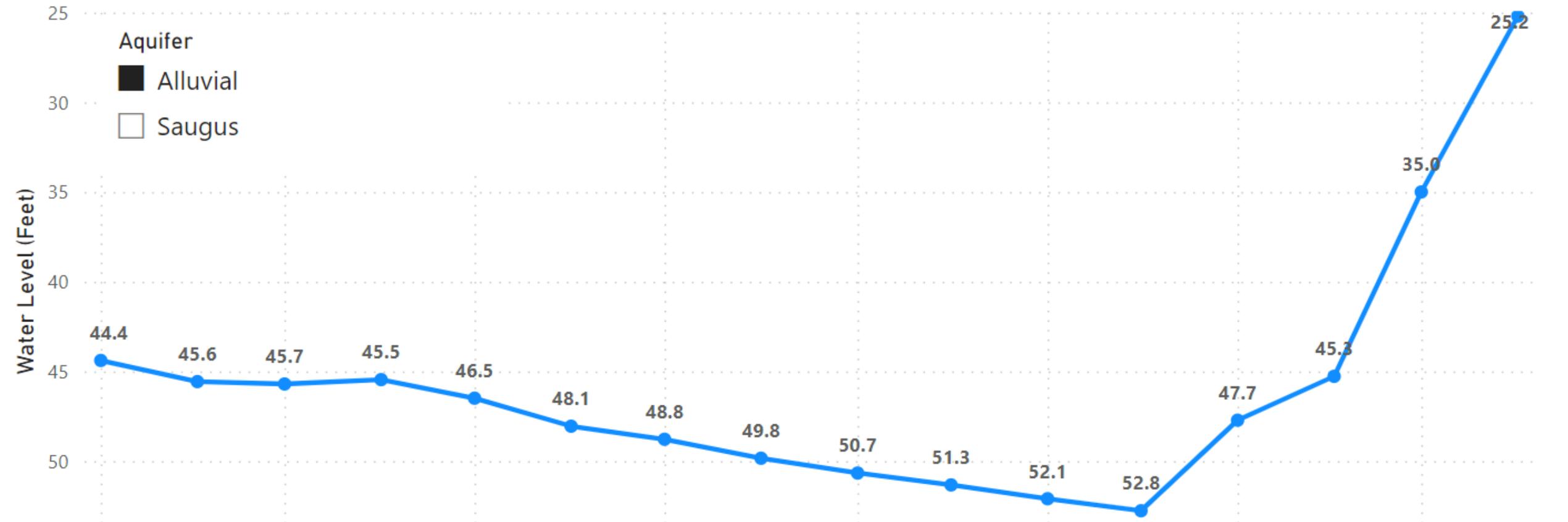
Newhall FS Monthly Total Precipitation



Cumulative Monthly Total Newhall FS



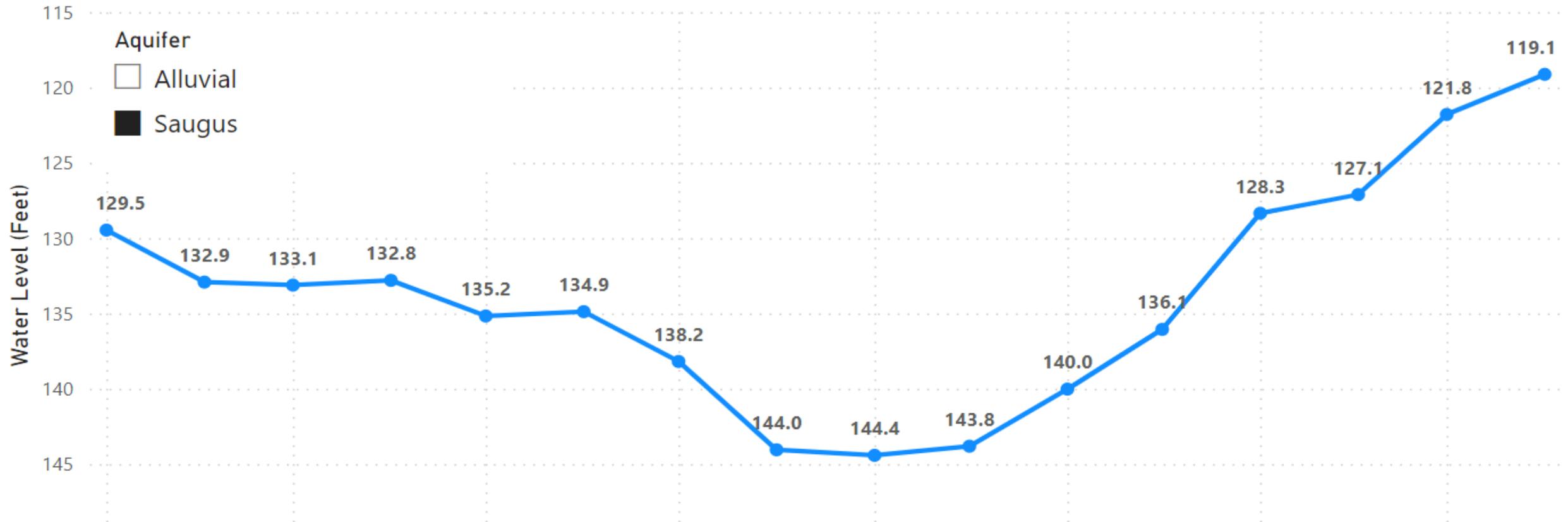
Average Well Water Levels by Date



Sum of Production (AF) by Year and Month



Average Well Water Levels by Date



Sum of Production (AF) by Year and Month



Future Basin Monitoring Efforts

- Geologic mapping of recharge areas as part of Resiliency Initiative

