

Ukiah Valley Basin Groundwater Sustainability Plan: Preliminary Discussion of Available Data and Data Gaps

Data	Format	Time period	Number	Source	Additional Information
Gathered Data (Phase 1 Data, Public and Online Databases)					
Streams	Shapefile				
Springs	Shapefile				
Water bodies	Shapefile				
Streamflow Measurements	Shapefile/Table	1991-2015	3 inside UVB	USGS	
Precipitation			1	CIMIS	
Precipitation			2	CDEC	
Land Use	Shapefile	2010	1	DWR	
Land Use	Shapefile	2014	1	SGMA Portal LU Viewer	
Land Use	Shapefile	2011	1	NLCD	
Land Use	Shapefile	2011	1	Mendocino County	Vector Shapefile with no metadata: its year is not specified.
Geology	Shapefile				
Elevation (DEM)	Raters Lidar	2017		USGS	
Elevation (DEM)					NED DEM from Mendocino County with 30m resolution
Wells	Shapefile/Table		38	CASGEM	Few number of data points
Wells	Shapefile/Table		4	DWR	
Wells	Shapefile/Table	~ 1999 to ~present	433	GeoTracker	Varies based on remediation/cleanup site.
Soil	Map/CSV		1	DWR/SSURGO	
Projected Data Needs Not Yet Available					
Land Use					Local Land Use maps going back to 25 to 30 years ago.
Streamflow Measurements			4	NOAA(NFSM)	Missing timeseries data. Shapefile was not shared but Phase 1 Report has a figure for them.
Streamflow Measurements			3	CLSI	On McNab Creek. Missing respective timeseries data. Shapefile and location are available.
Geologic Cross Sections	Maps		3	LACO Prelim Studies	Missing the maps.
Wells					More areal coverage and additional number of wells to be monitored as part of incorporating them into CASGEM or in the Monitoring Network of the GSP. Well completion reports and geology logs of the wells made available for Phase 1 and any additional logs that could be shared are needed, as well.
River Bed Properties					Some information from MODLFOW file and the LACO Water Budget study made available.