

Figures



Figure 1.1 Upper Ventura River Groundwater Agency Boundary Map

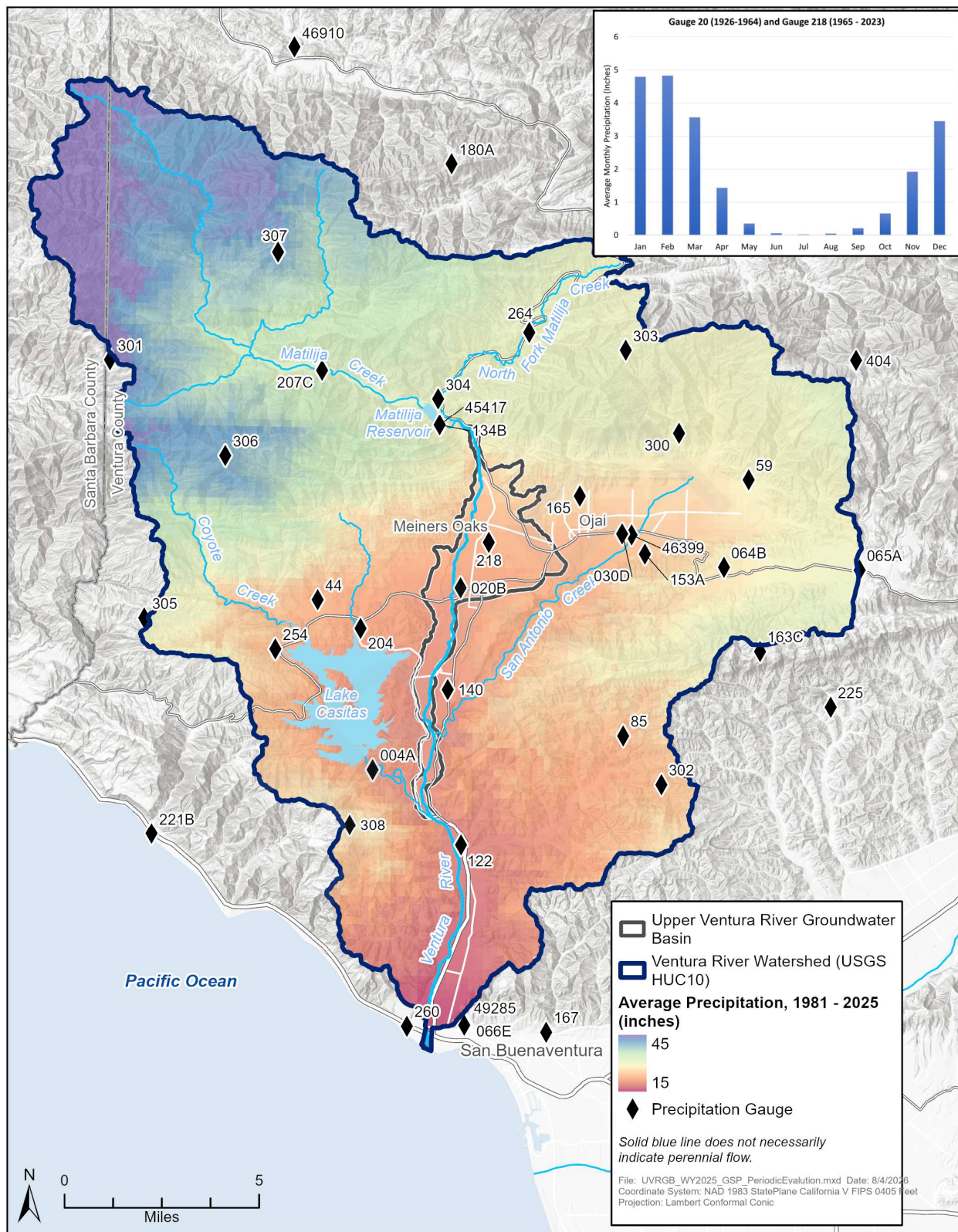


Figure 3.1 Topographic Map with Precipitation Gage Stations in Upper Ventura River Groundwater Basin

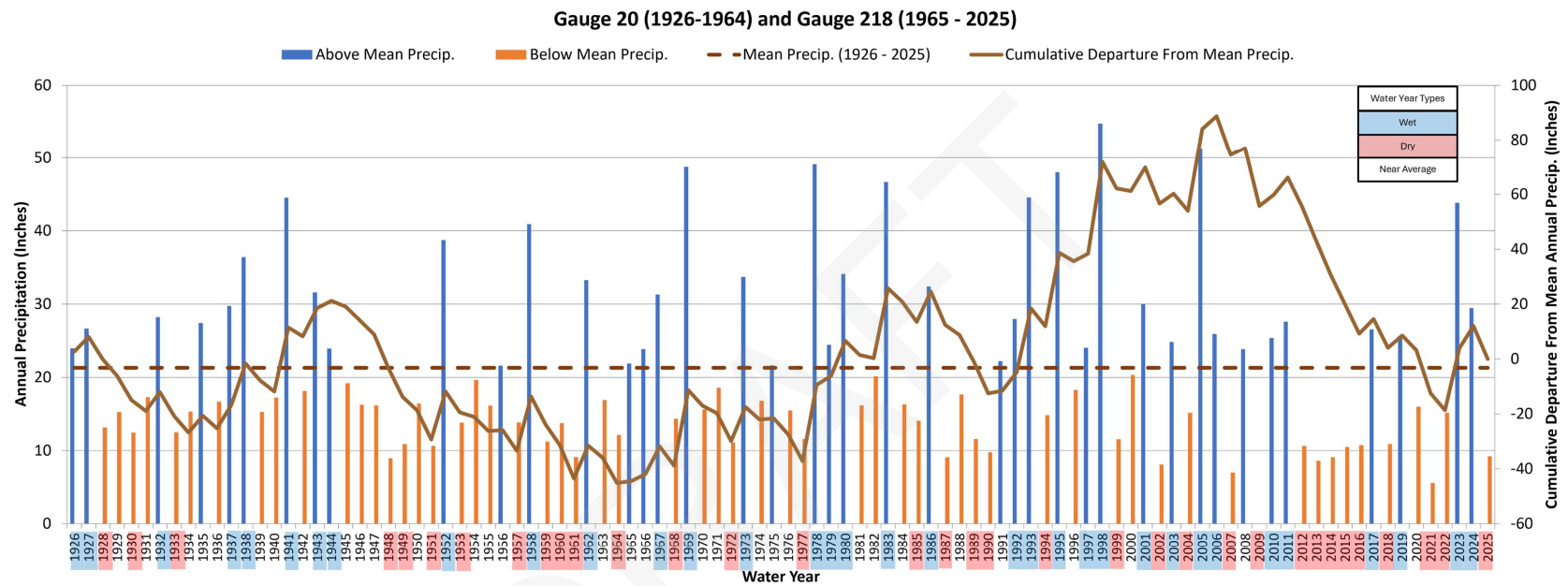
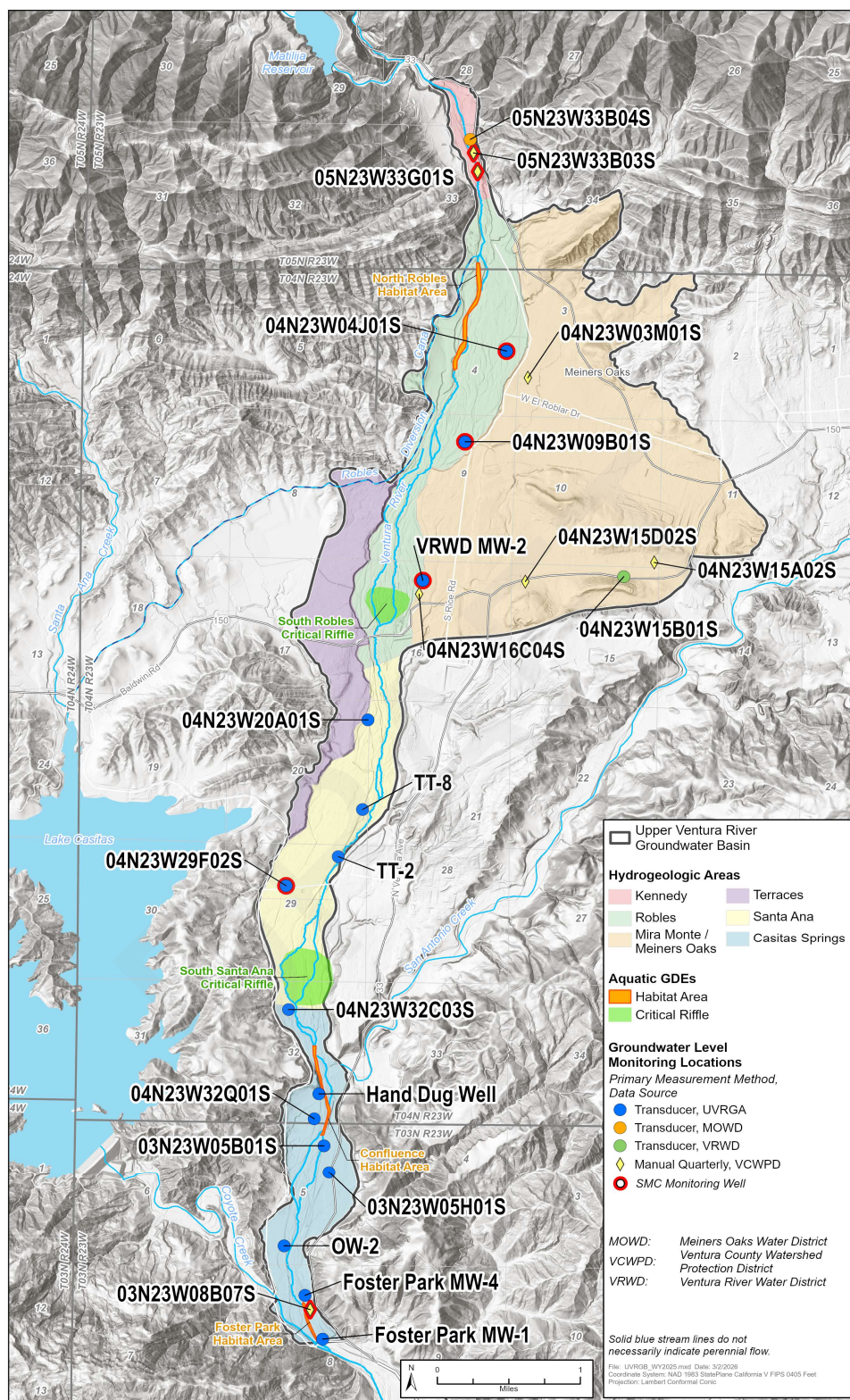


Figure 3.2 Annual Precipitation and Cumulative Departure from the Mean, with Water Year Types



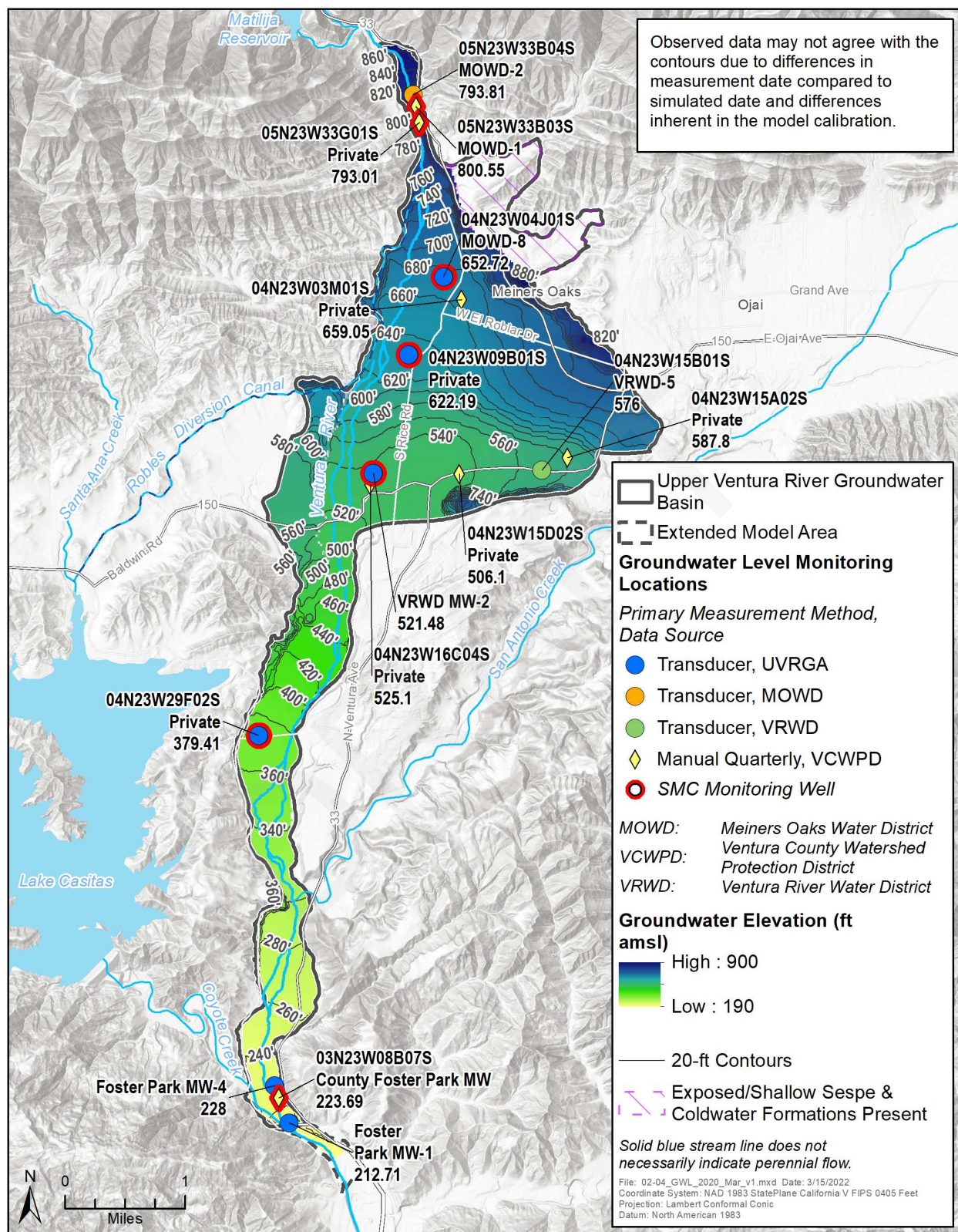


Figure 3.4 Groundwater Elevations, March 2020 (Spring-High Water Year 2020)

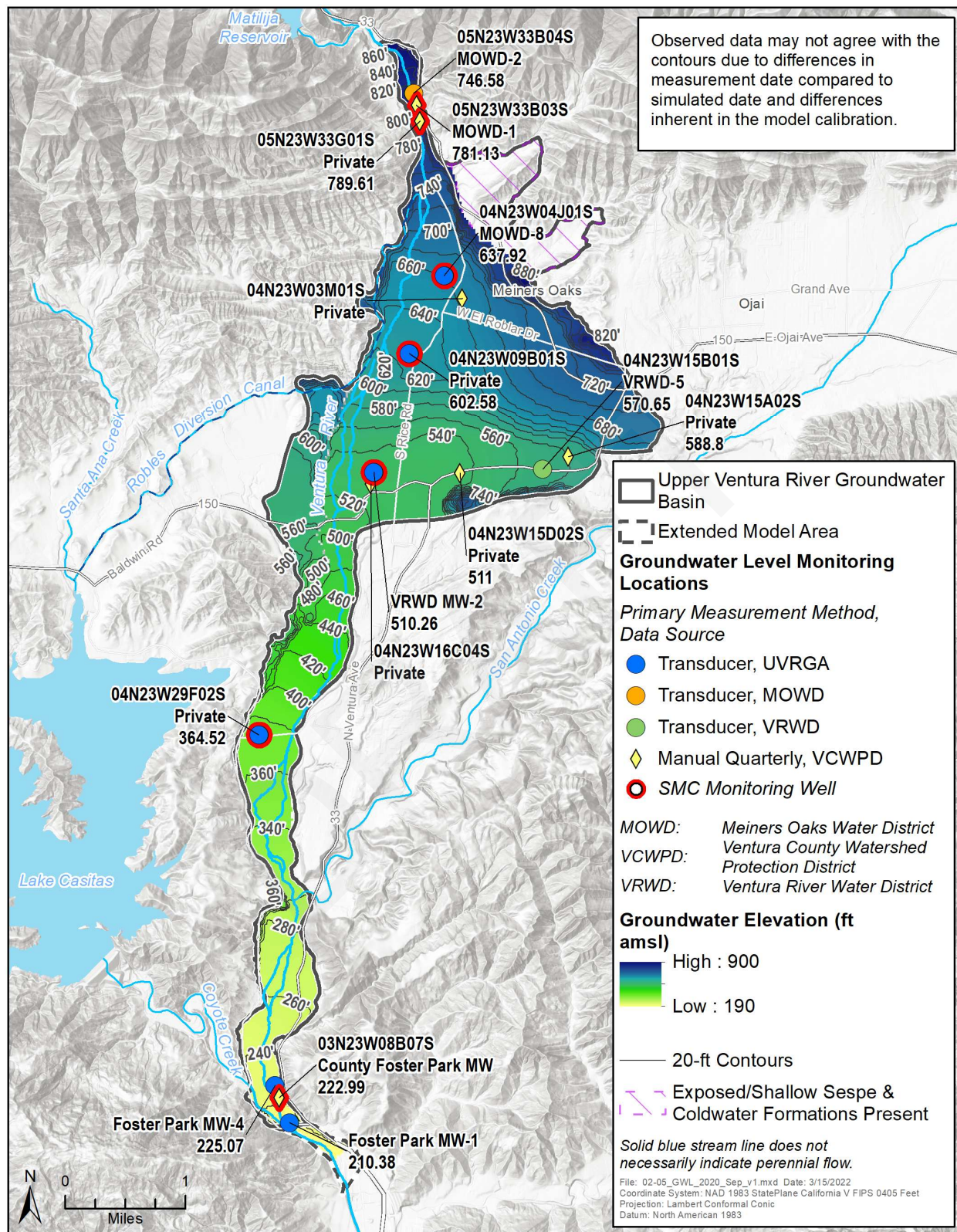


Figure 3.5 Groundwater Elevations, September 2020 (Fall Low Water Year 2020)

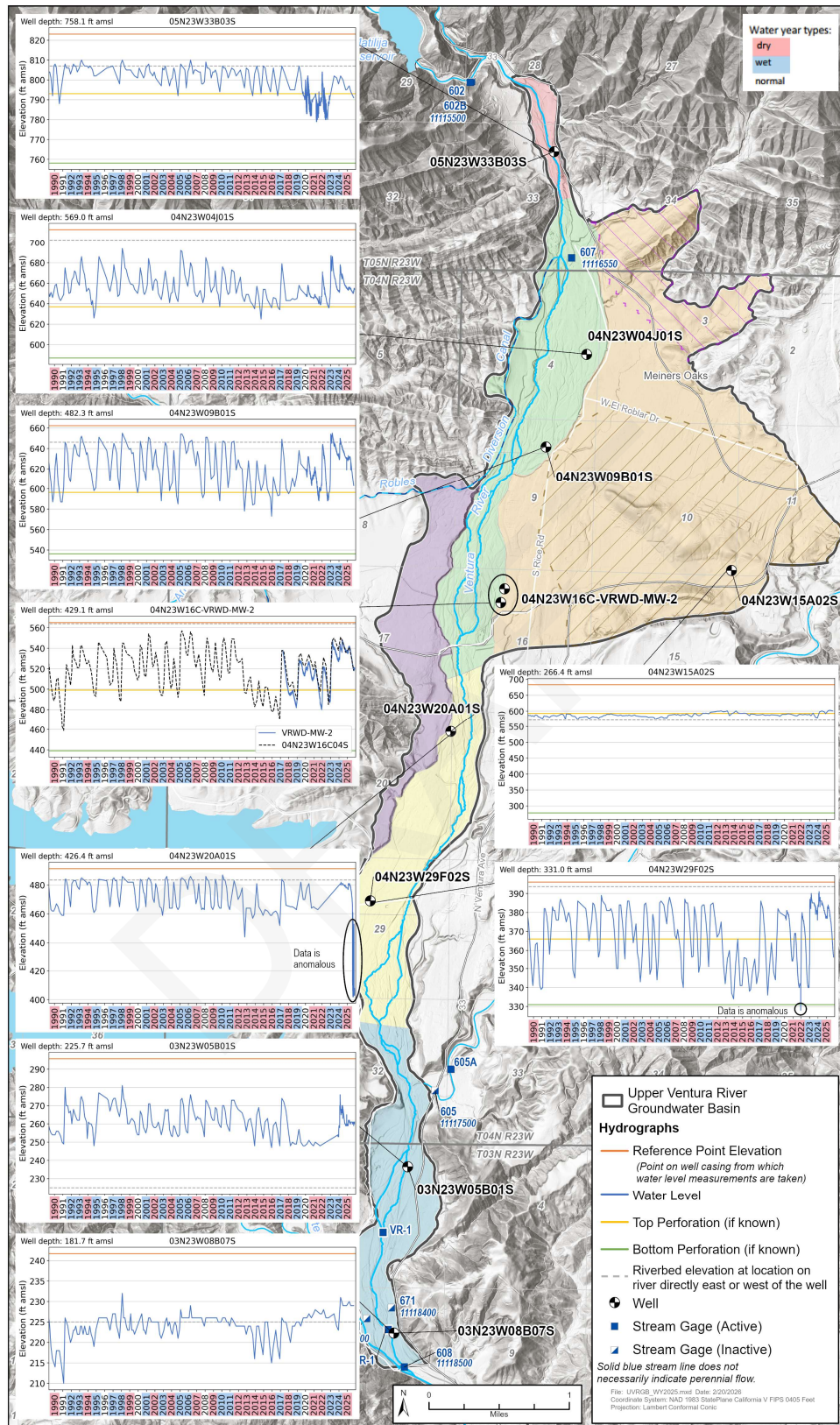


Figure 3.6 Hydrographs for the Monitoring Network in the Upper Ventura River Groundwater Basin

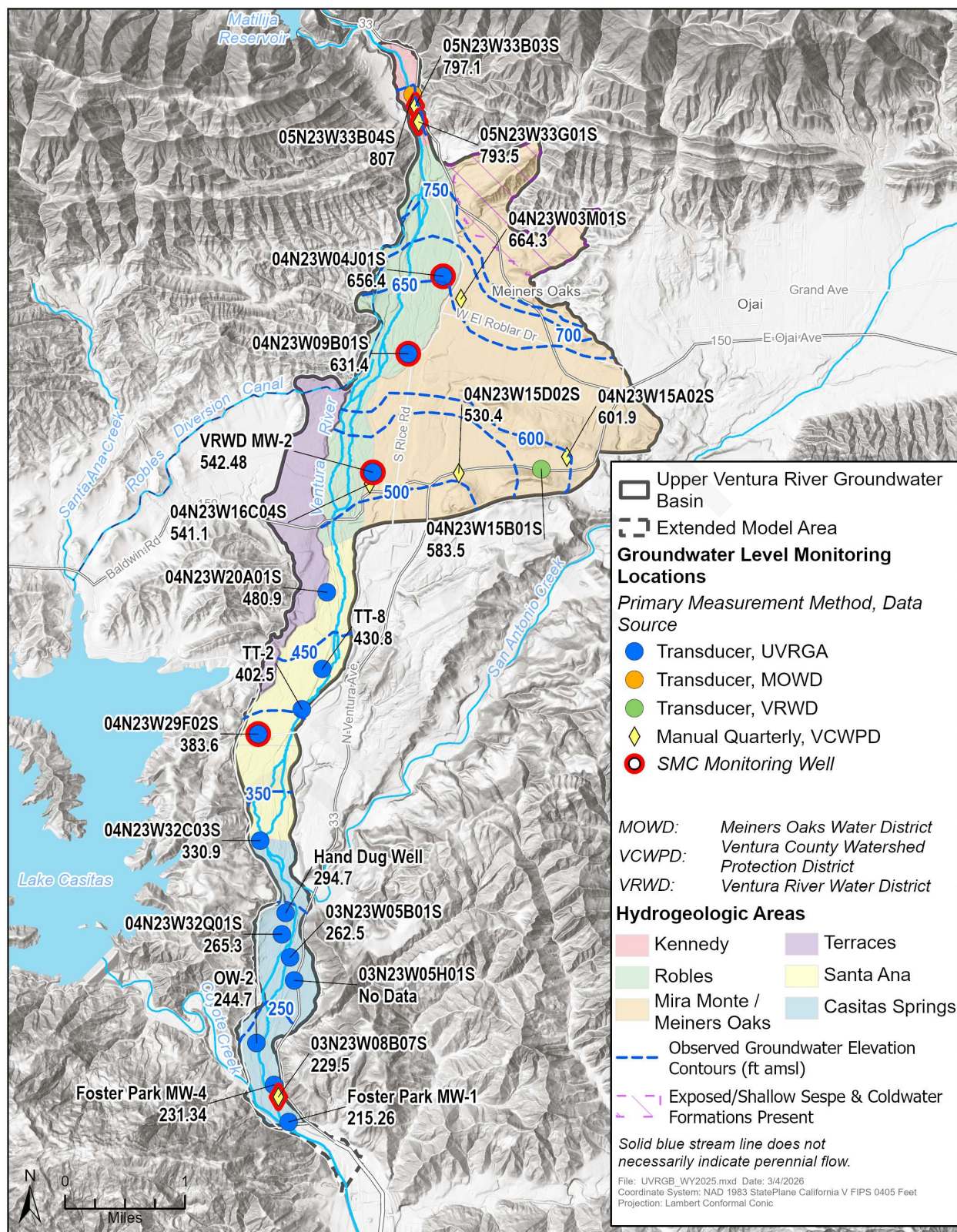


Figure 3.7 Groundwater Elevations, March 2025 (Spring High Water Year 2025)

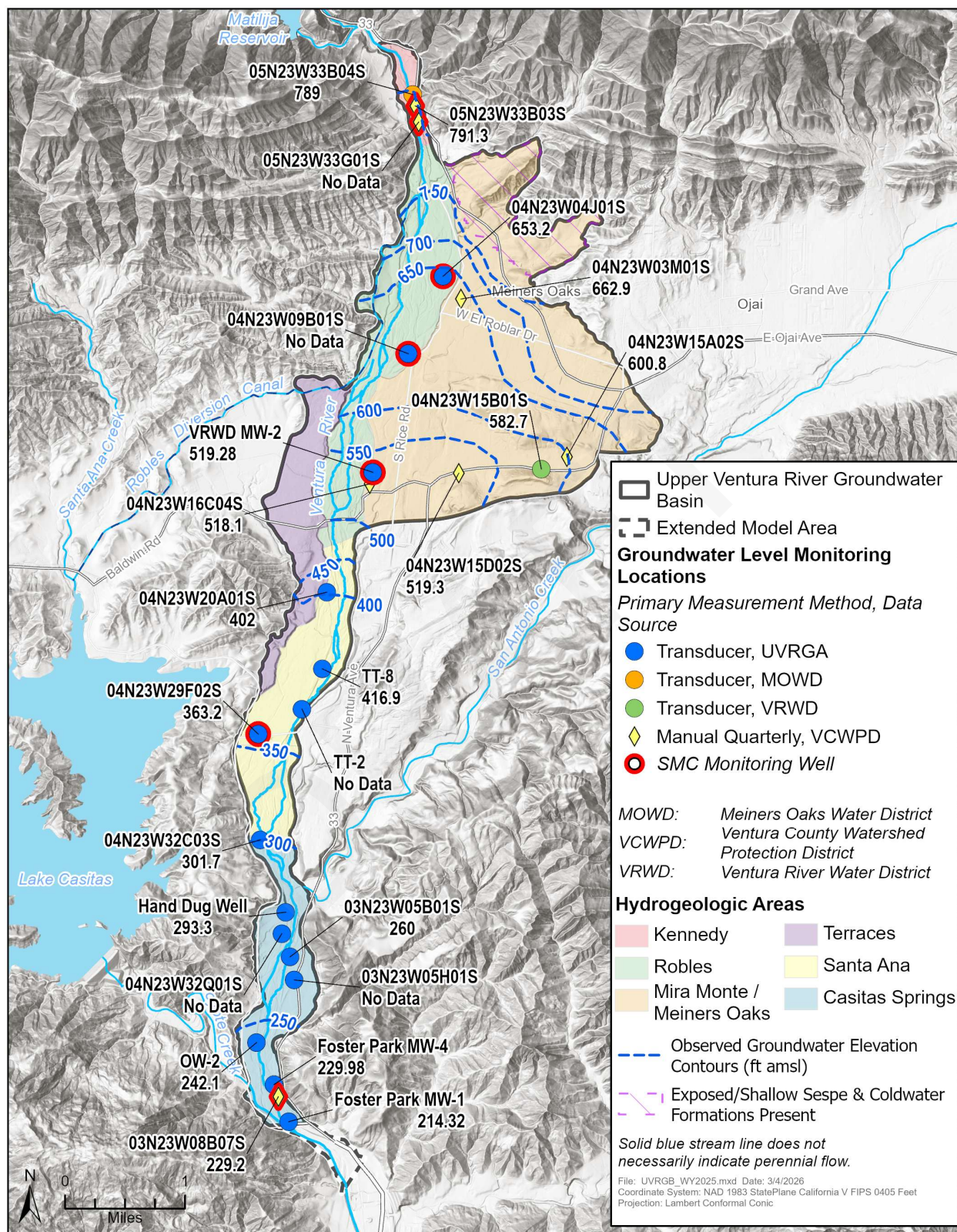
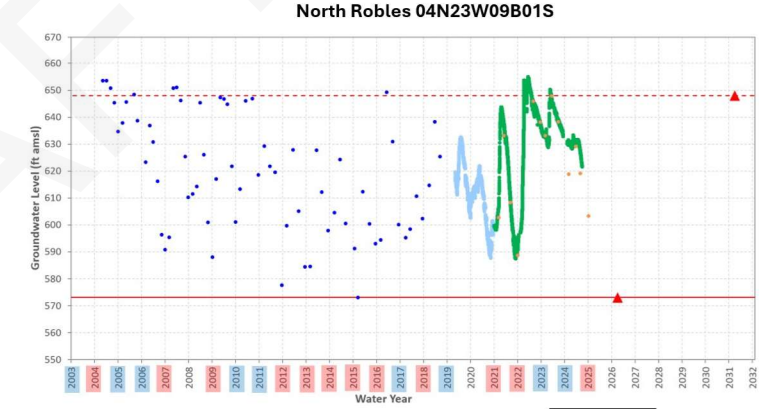
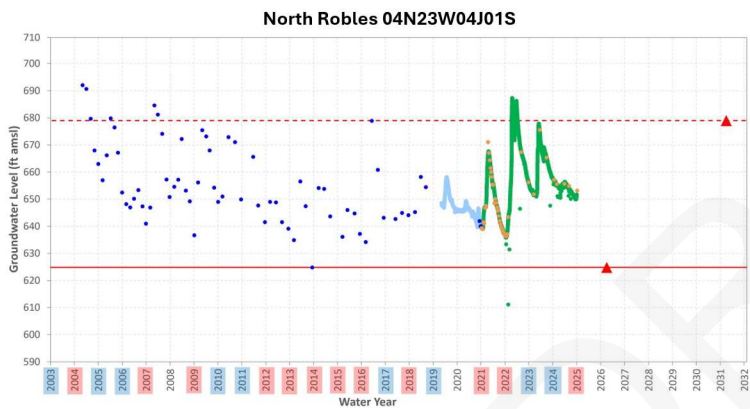
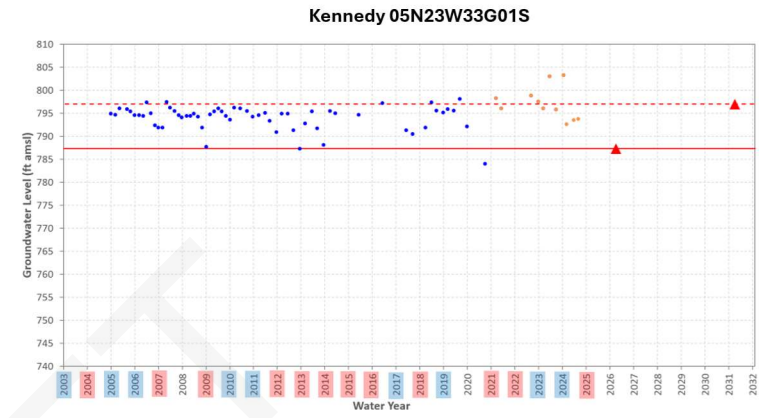
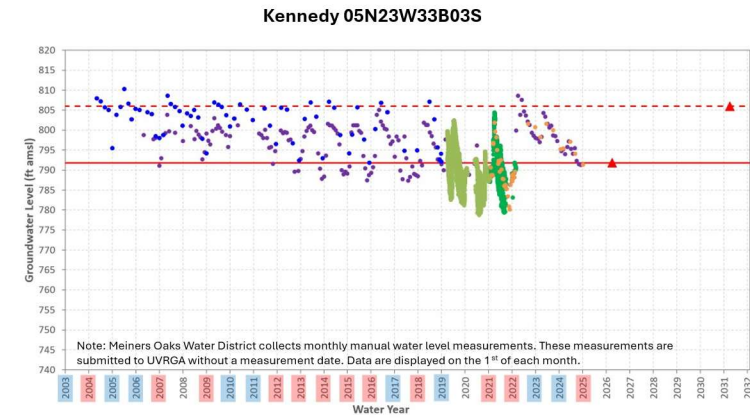


Figure 3.8 Groundwater Elevations, September 2025 (Fall Low Water Year 2025)



- Observed Water Level - Transducer
- Observed Water Level (WY 2022 - 2025) - Manual
- Observed Water Level - Manual
- Observed Water Level (WY 2007 - 2025) - Manual by Meiners Oaks Water District

- Chronic Lowering of GWL MT
- Chronic Lowering of GWL MO
- ▲ Chronic Lowering GWL IM

* Year label is October 1 of the labeled year.
* Water years after 2025 have not been classified.

Water Year Types	
Wet	
Dry	
Near Average	

Figure 3.9 Groundwater Hydrographs for Representative Monitoring Sites in the Upper Ventura River Groundwater Basin

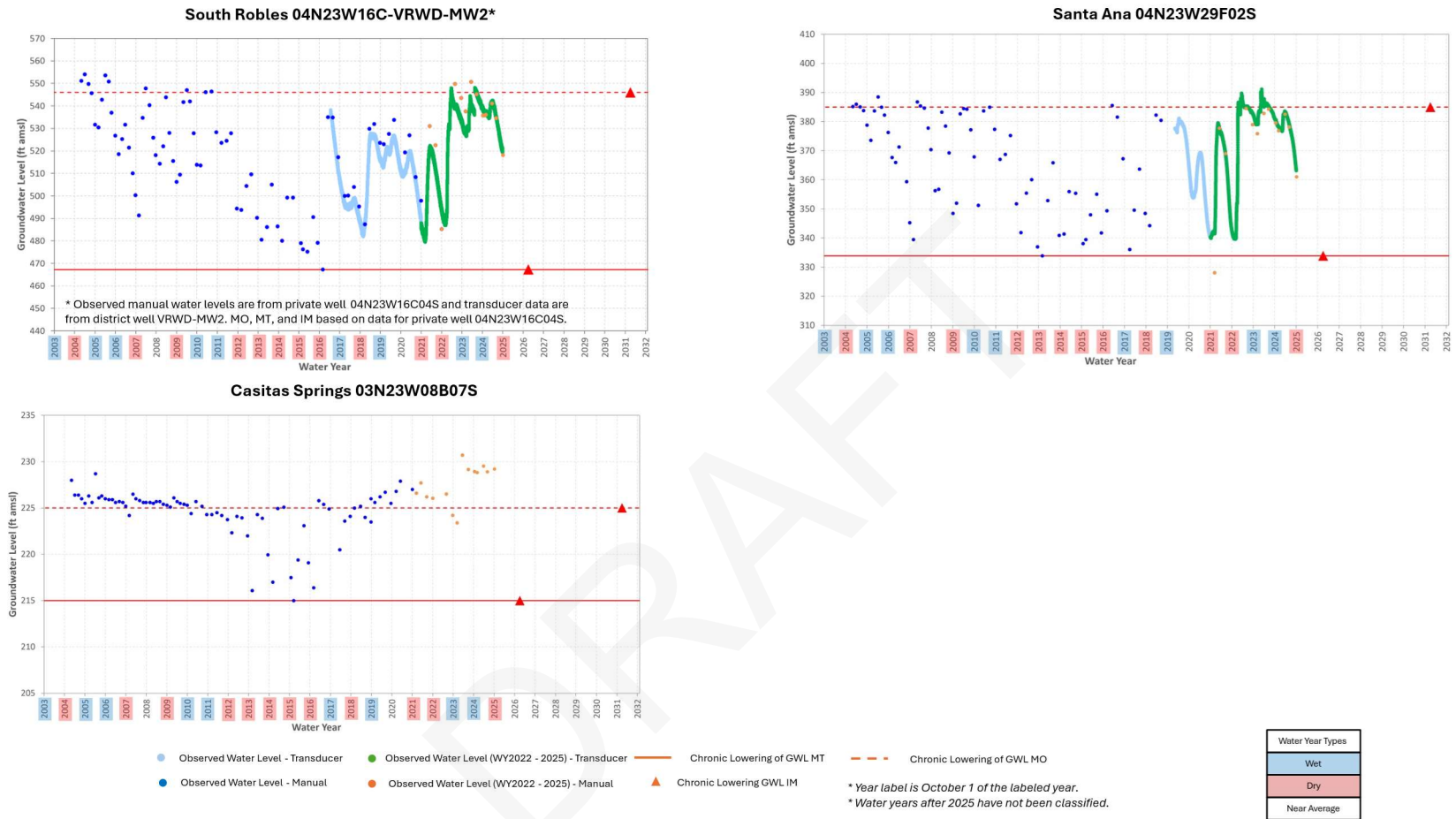
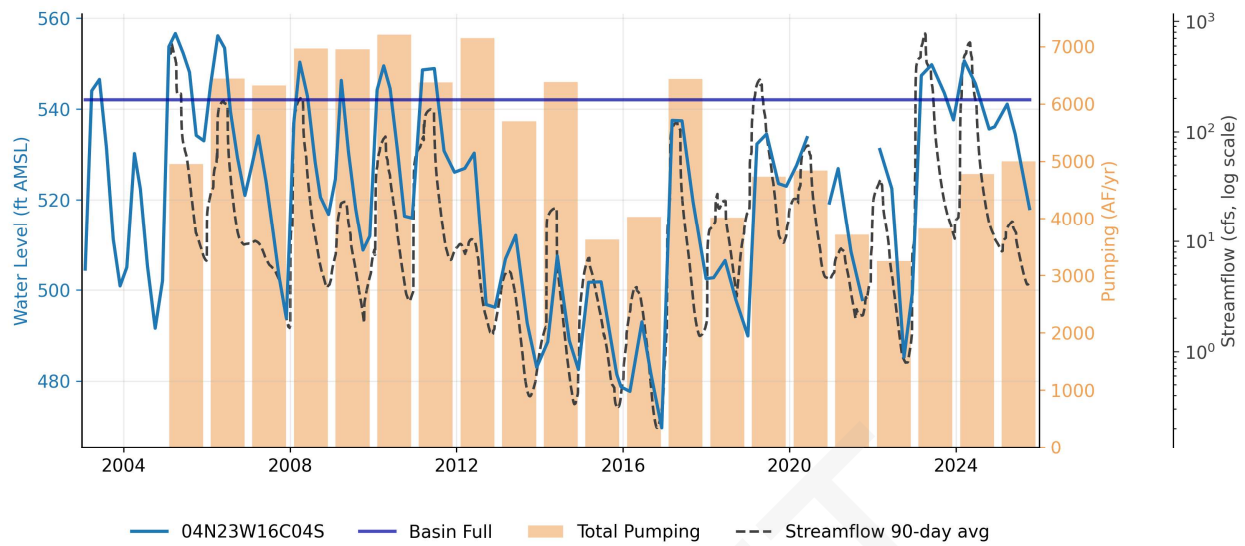


Figure 3.10 Groundwater Hydrographs for Representative Monitoring Sites in the Upper Ventura River Groundwater Basin (continued)



Note: Basin Full conditions are based on adjacent streambed elevation (see Section 3.1.7).

Figure 3.11 Timeseries Hydrograph for Monitoring Well 04N23W16C04S Showing Water Level (Blue), Average Streamflow (Black), and Total Pumping Volumes (Orange)

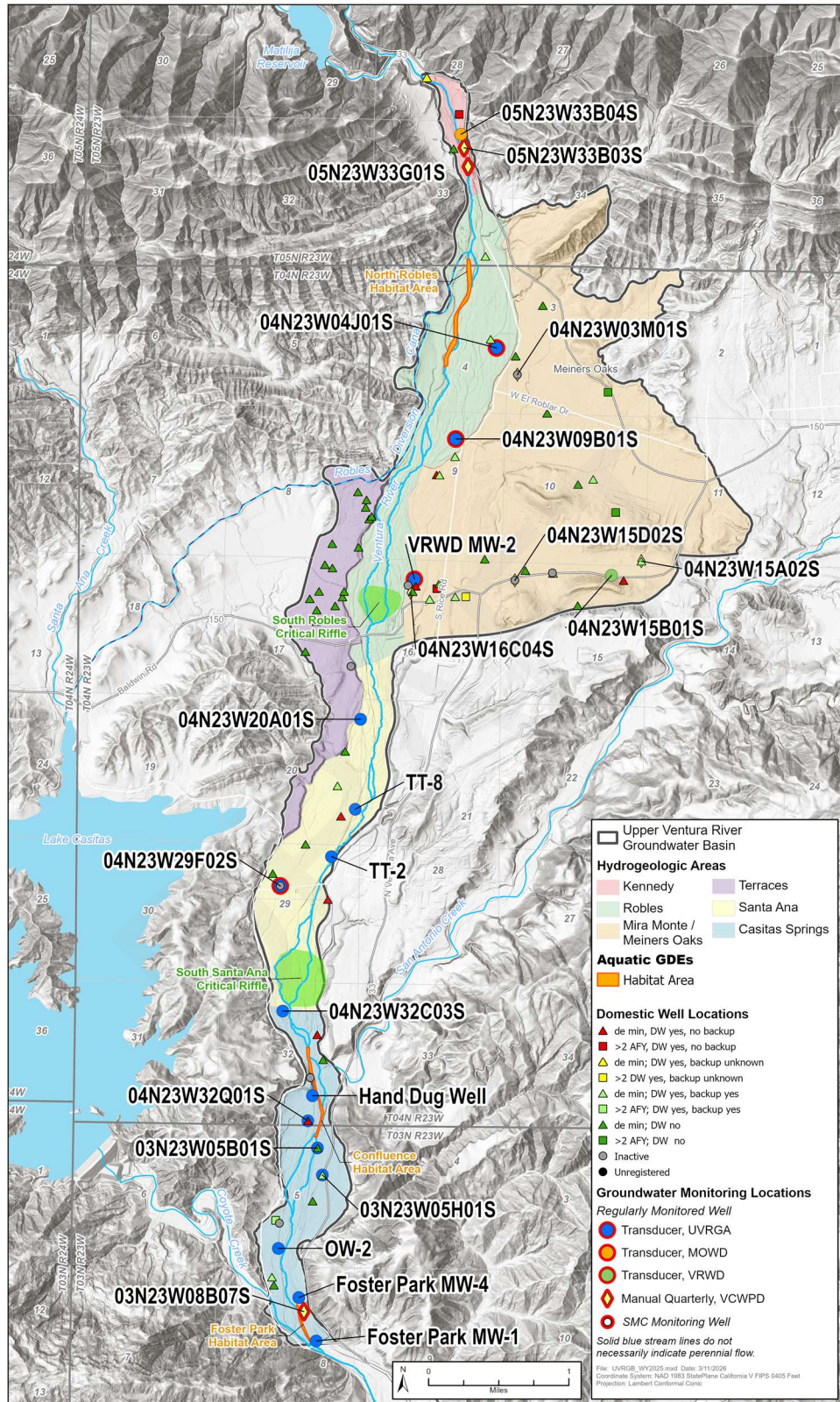


Figure 3.12 Domestic Well Locations and Access to Backup or Alternative Water Supplies

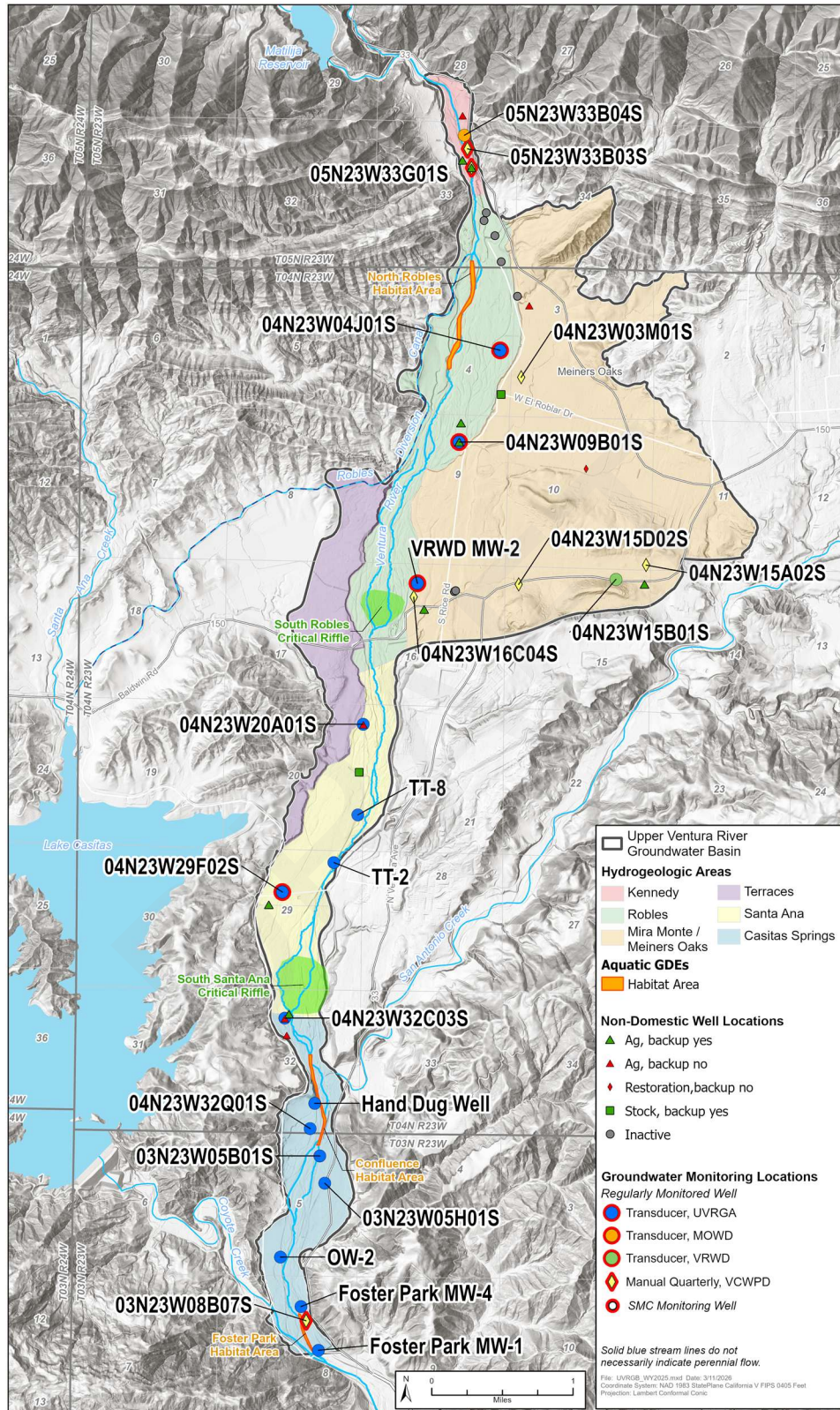


Figure 3.13 Non-Domestic Well Locations and Access to Backup or Alternative Water Supplies

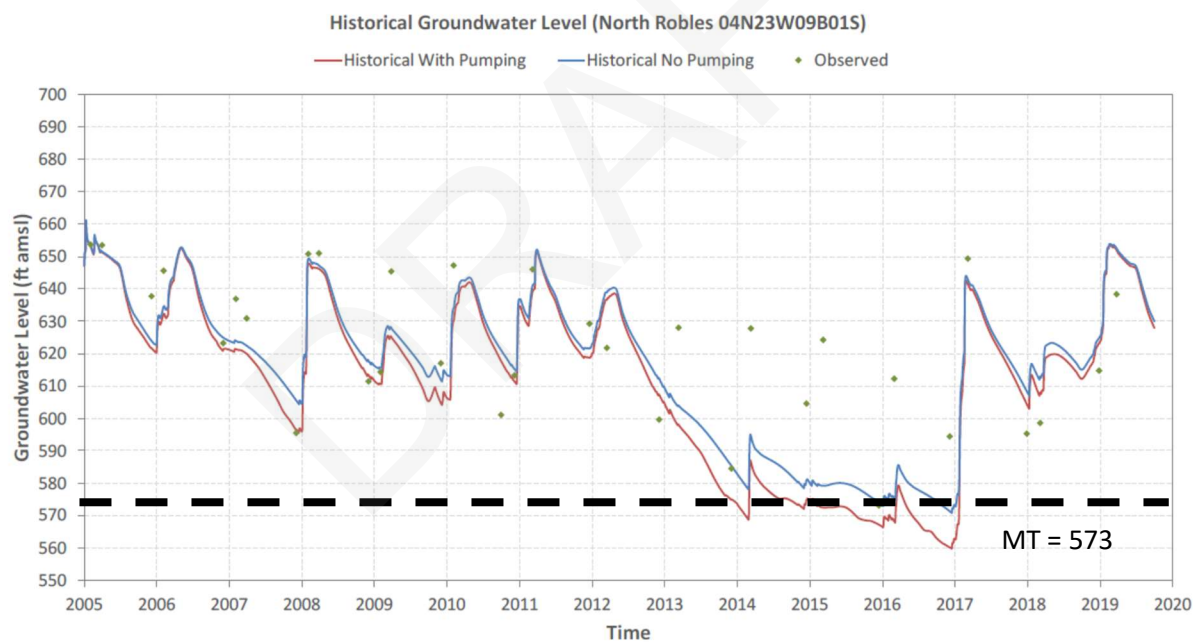
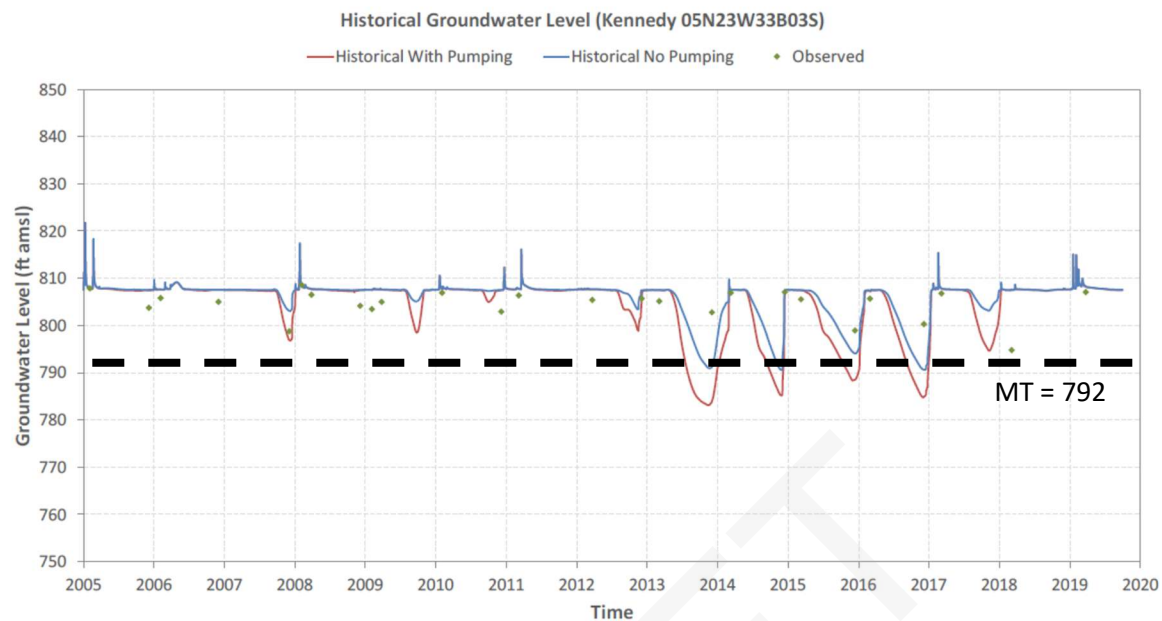


Figure 3.14a Simulated Heads under Historical and No-Pumping Conditions

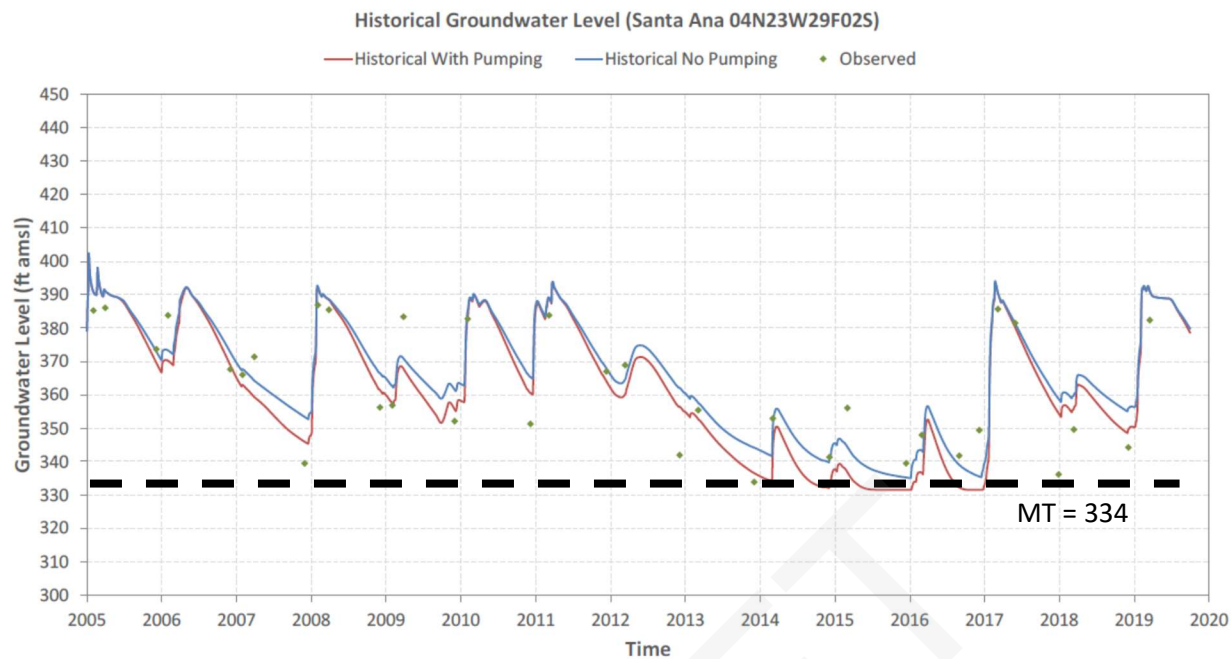


Figure 3.14b Simulated Heads under Historical and No-Pumping Conditions (continued)

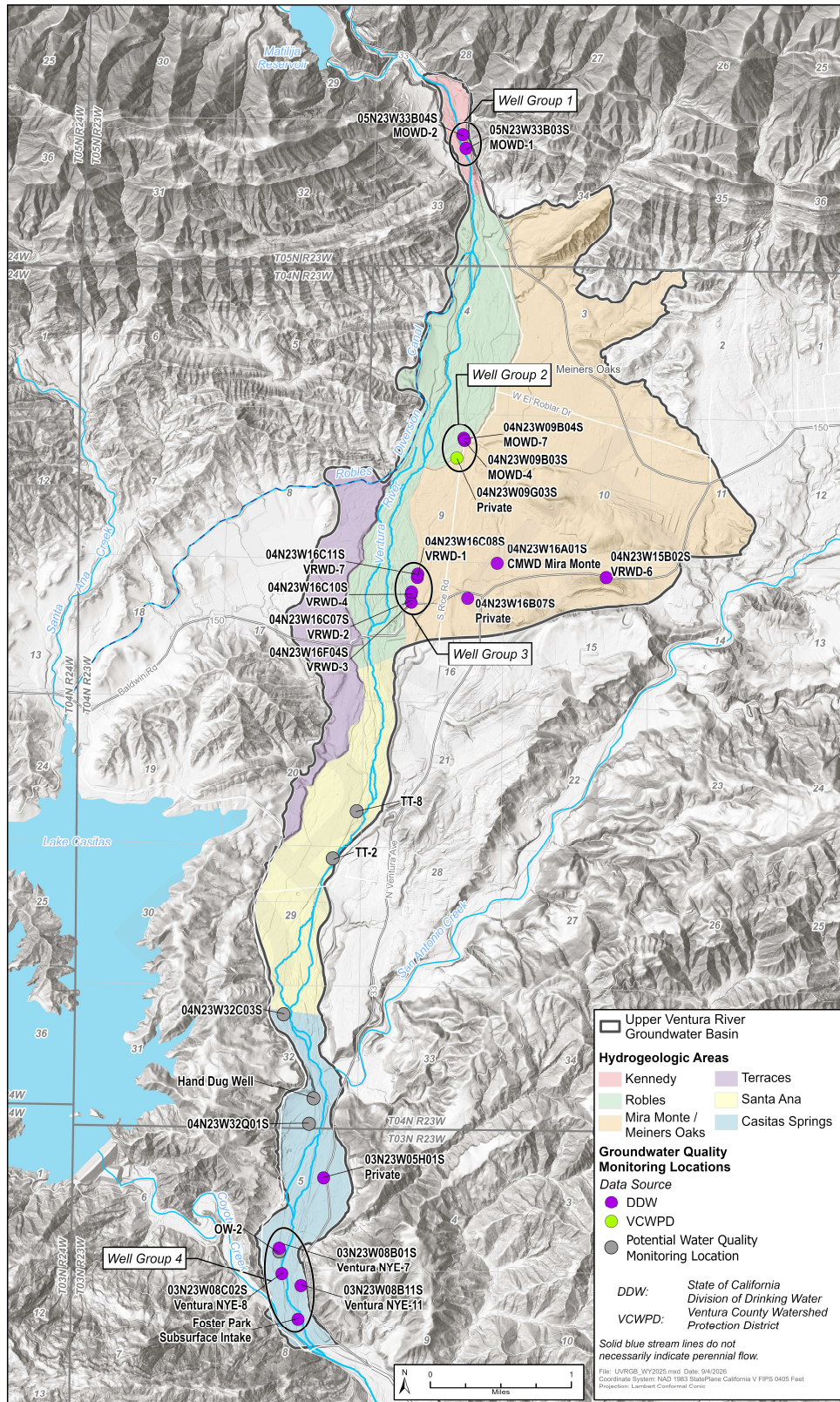


Figure 3.15 Groundwater Quality Monitoring Network

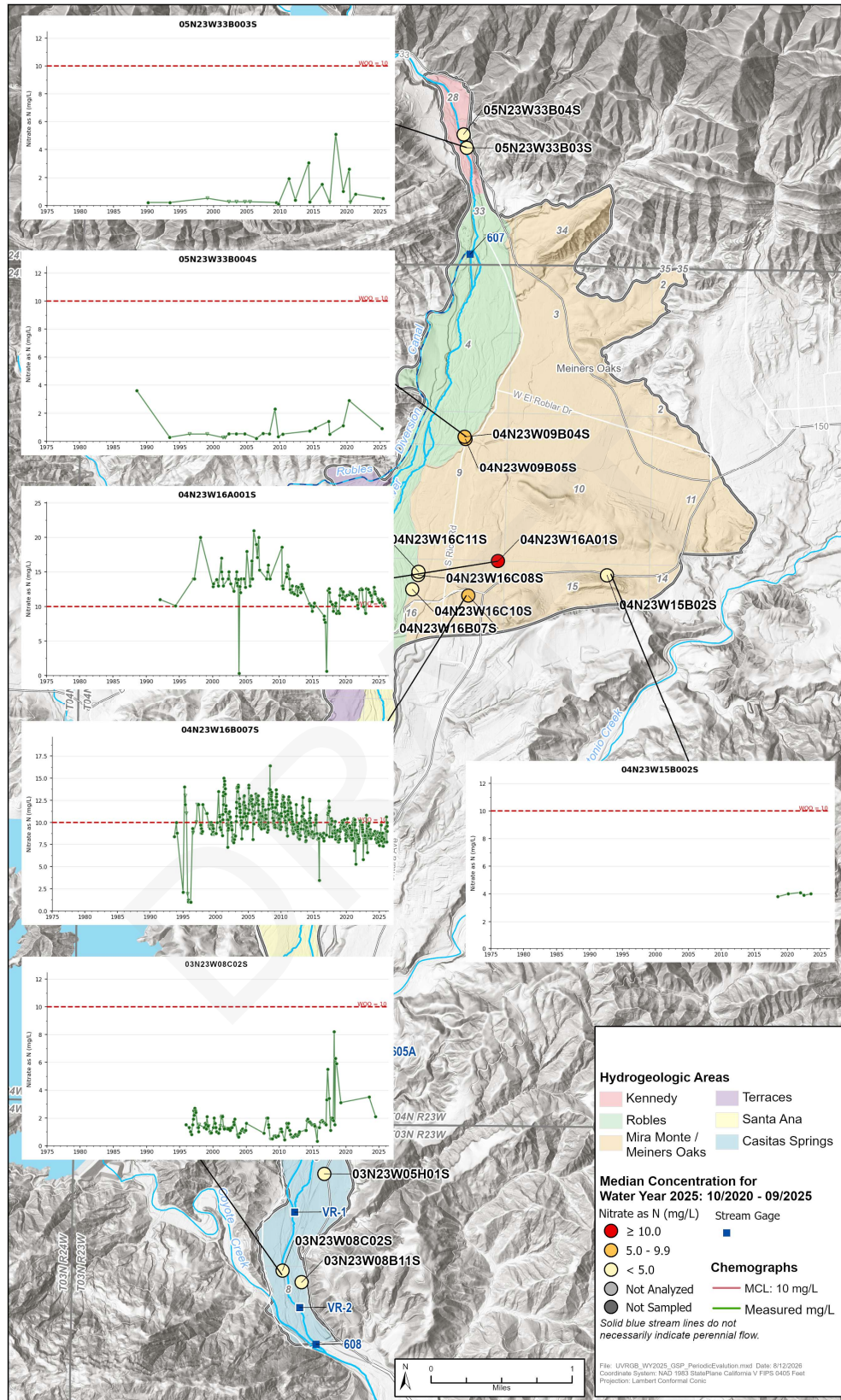


Figure 3.16 Median Nitrate Concentrations (2020 - 2025) and Time Series of Concentrations

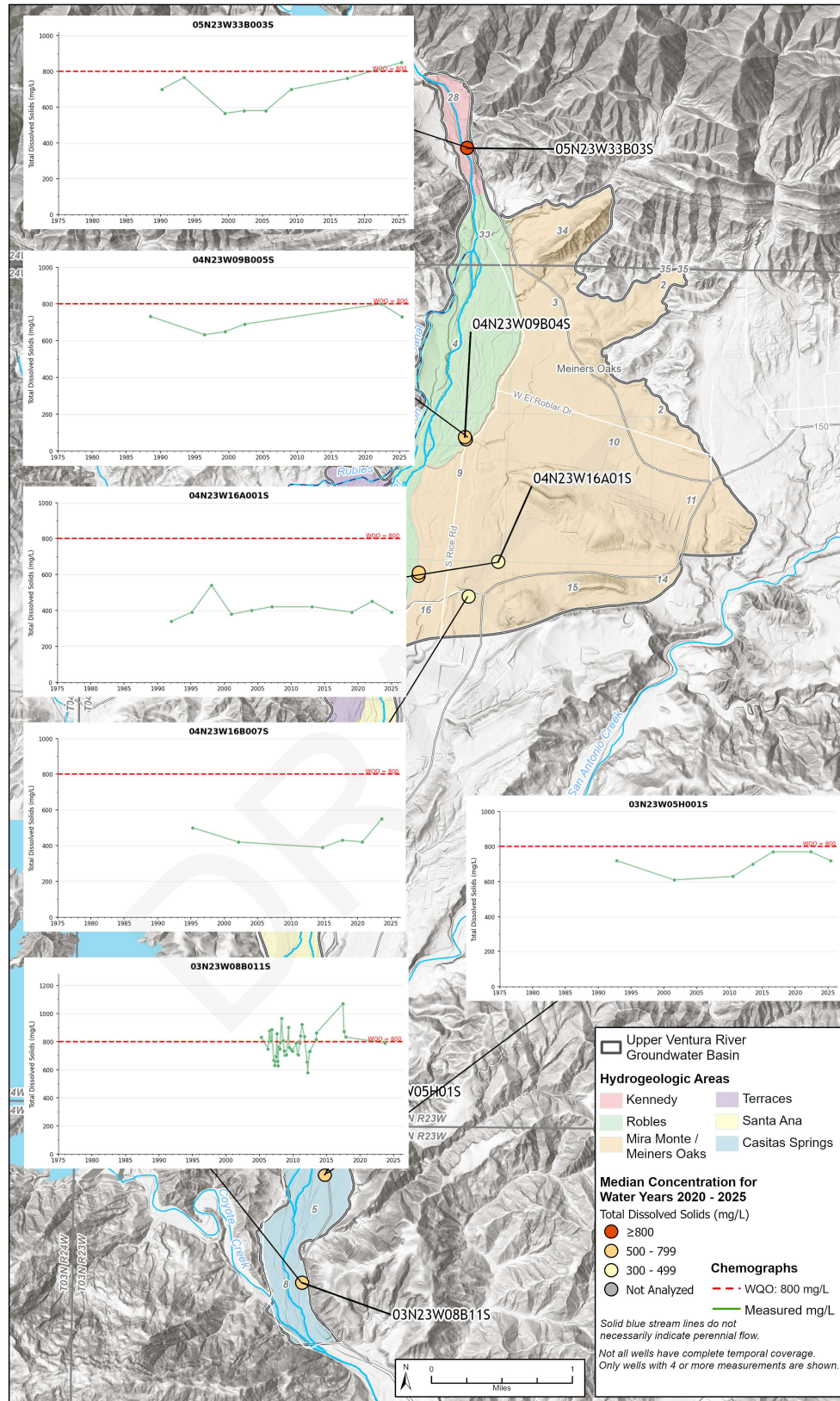


Figure 3.17 Median TDS Concentrations (2020 - 2025) and Time Series of Concentrations

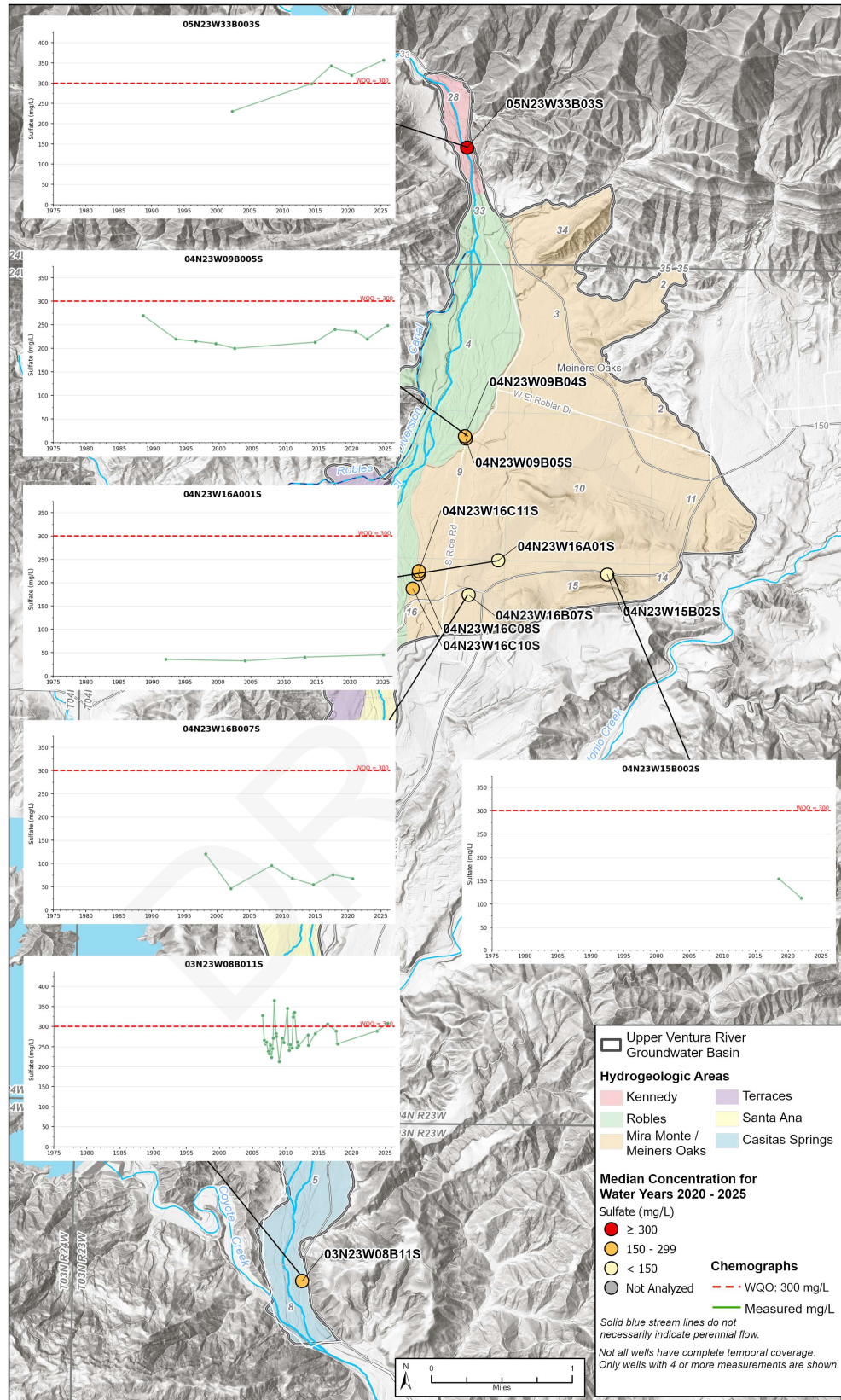


Figure 3.18 Median Sulfate Concentrations (2020 - 2025) and Time Series of Concentrations

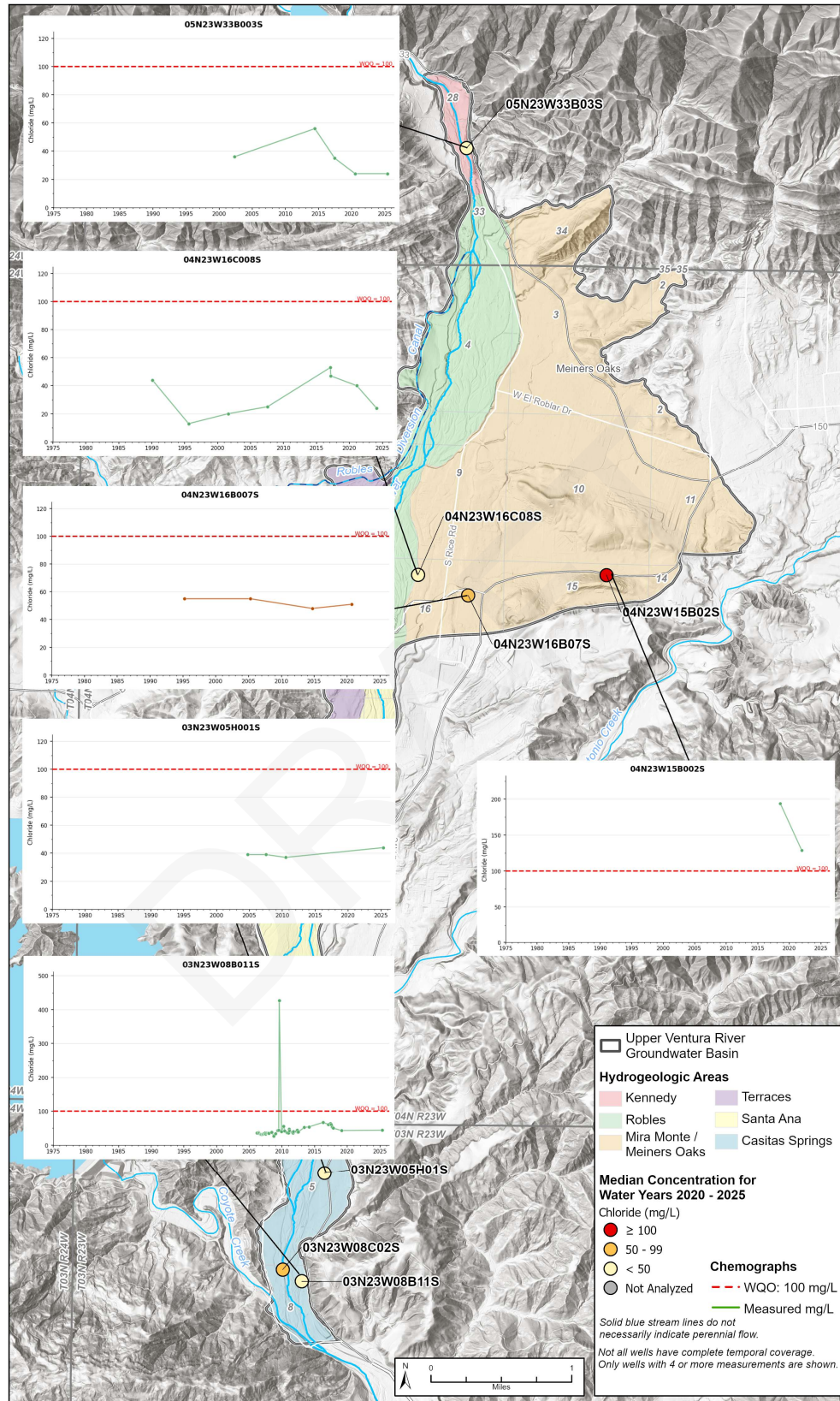


Figure 3.19 Median Chloride Concentrations (2020 - 2025) and Time Series of Concentrations

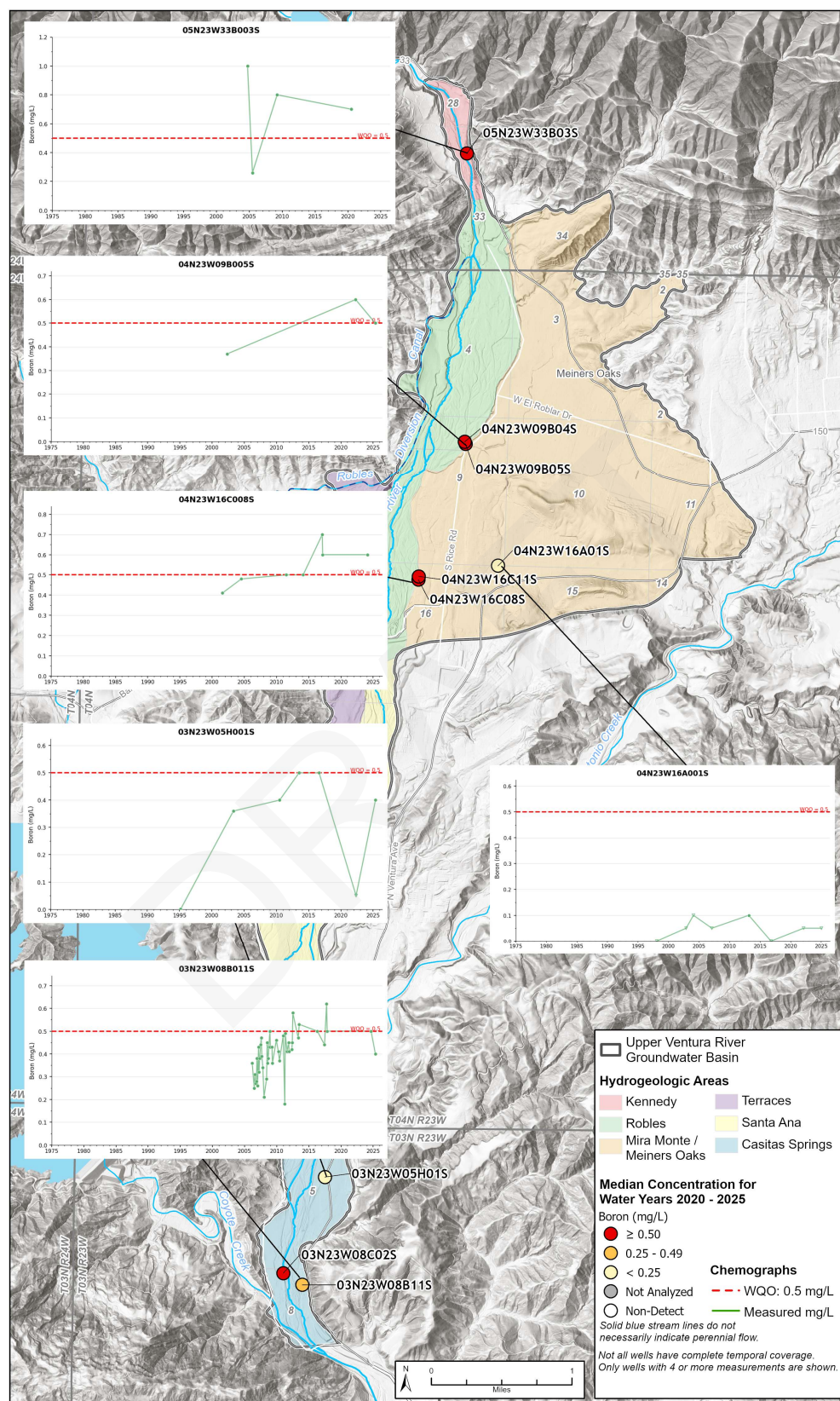


Figure 3.20 Median Boron Concentrations (2020 - 2025) and Time Series of Concentrations

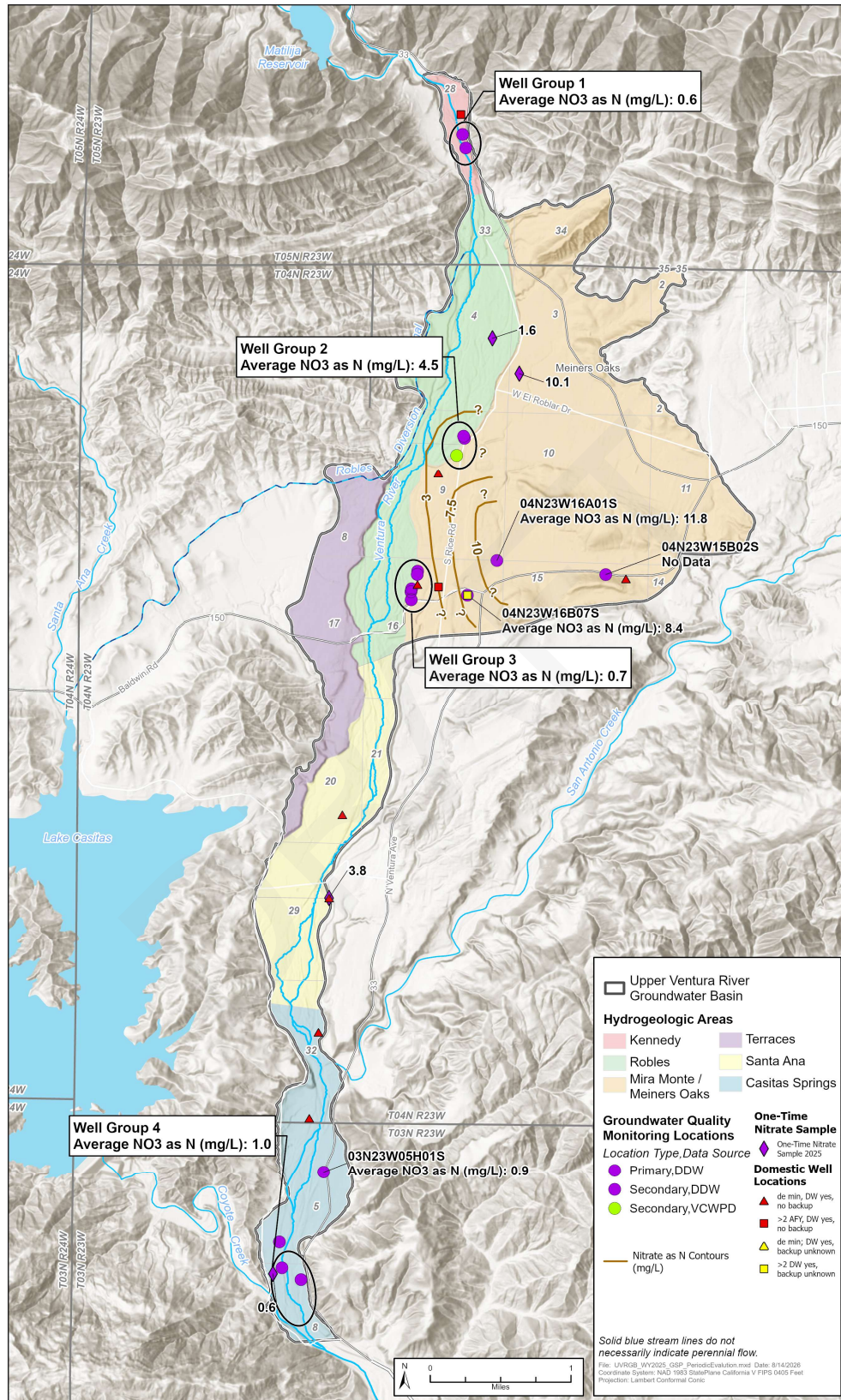


Figure 3.21 Nitrate Concentration Isocontours, Water Year 2025

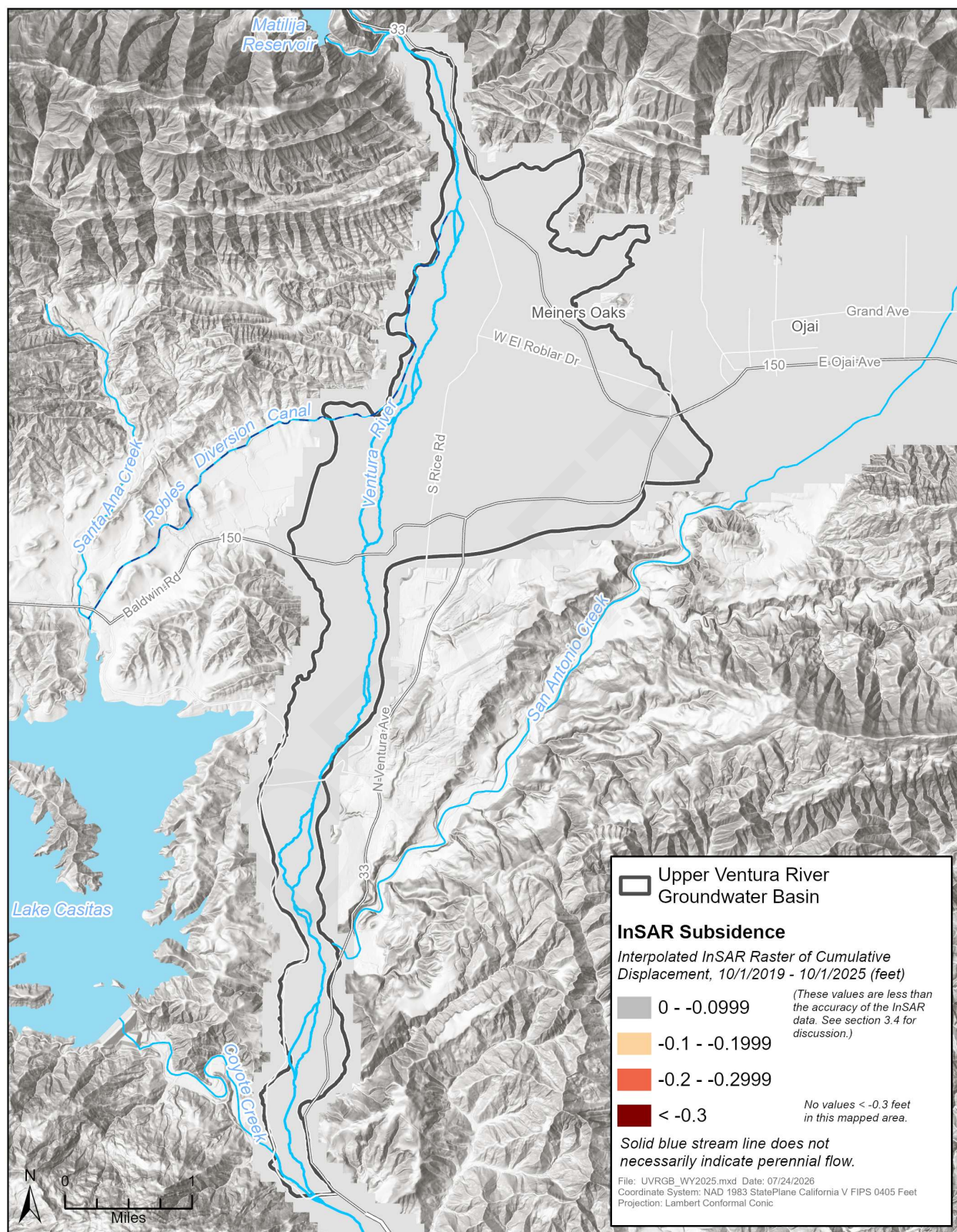


Figure 3.22 Land Subsidence

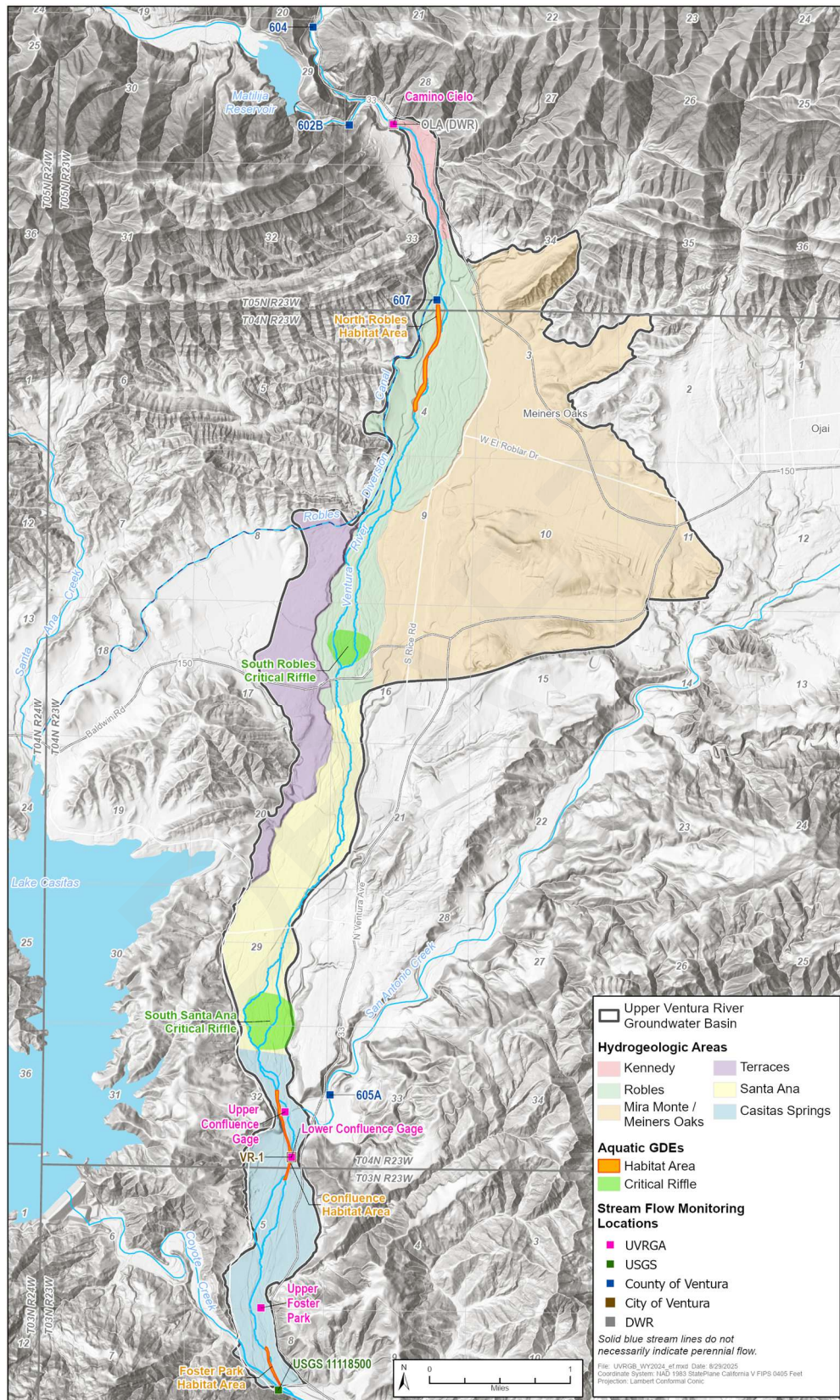


Figure 3.23 Stream Flow Monitoring Locations and GDE Areas

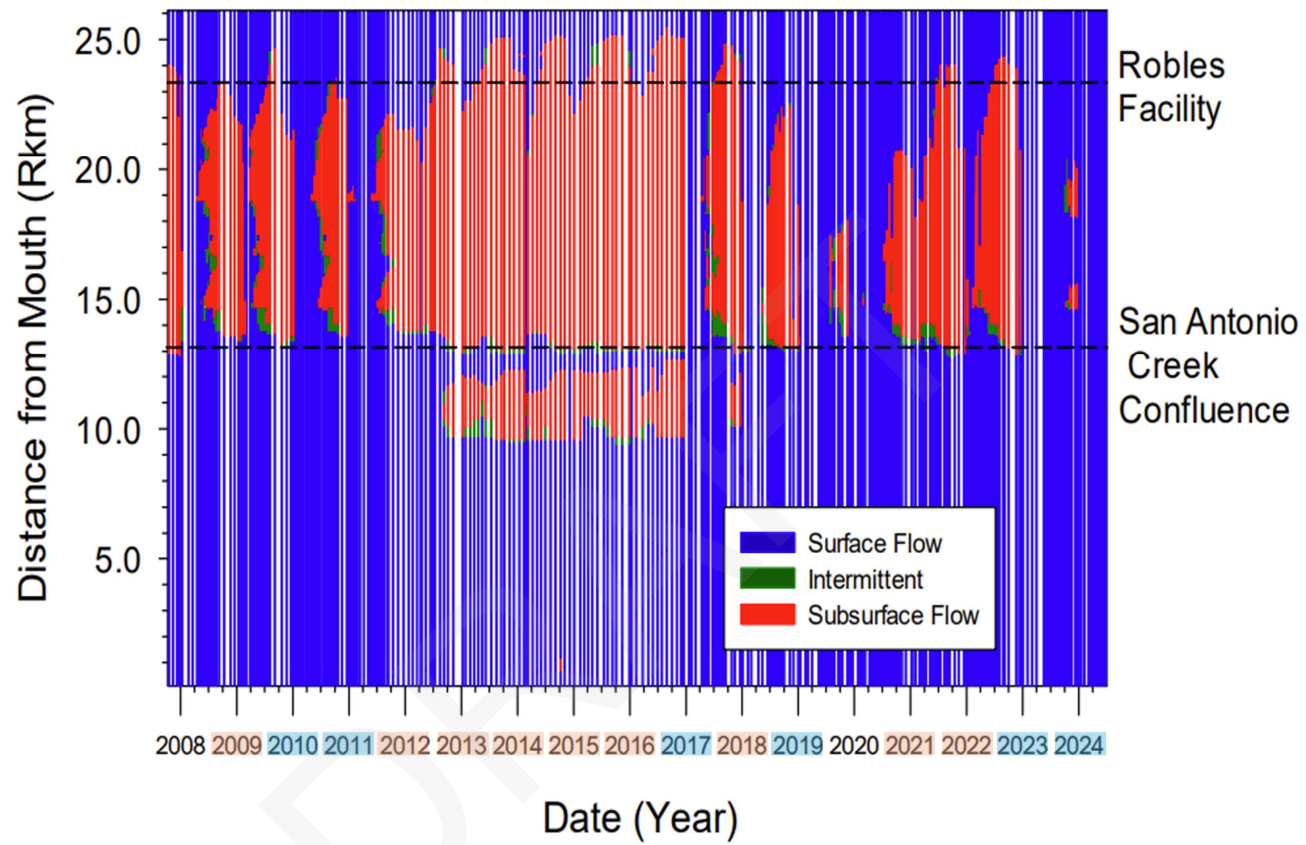


Figure 3.24 Wet-Dry Mapping of the Ventura River, 2008 through 2024.

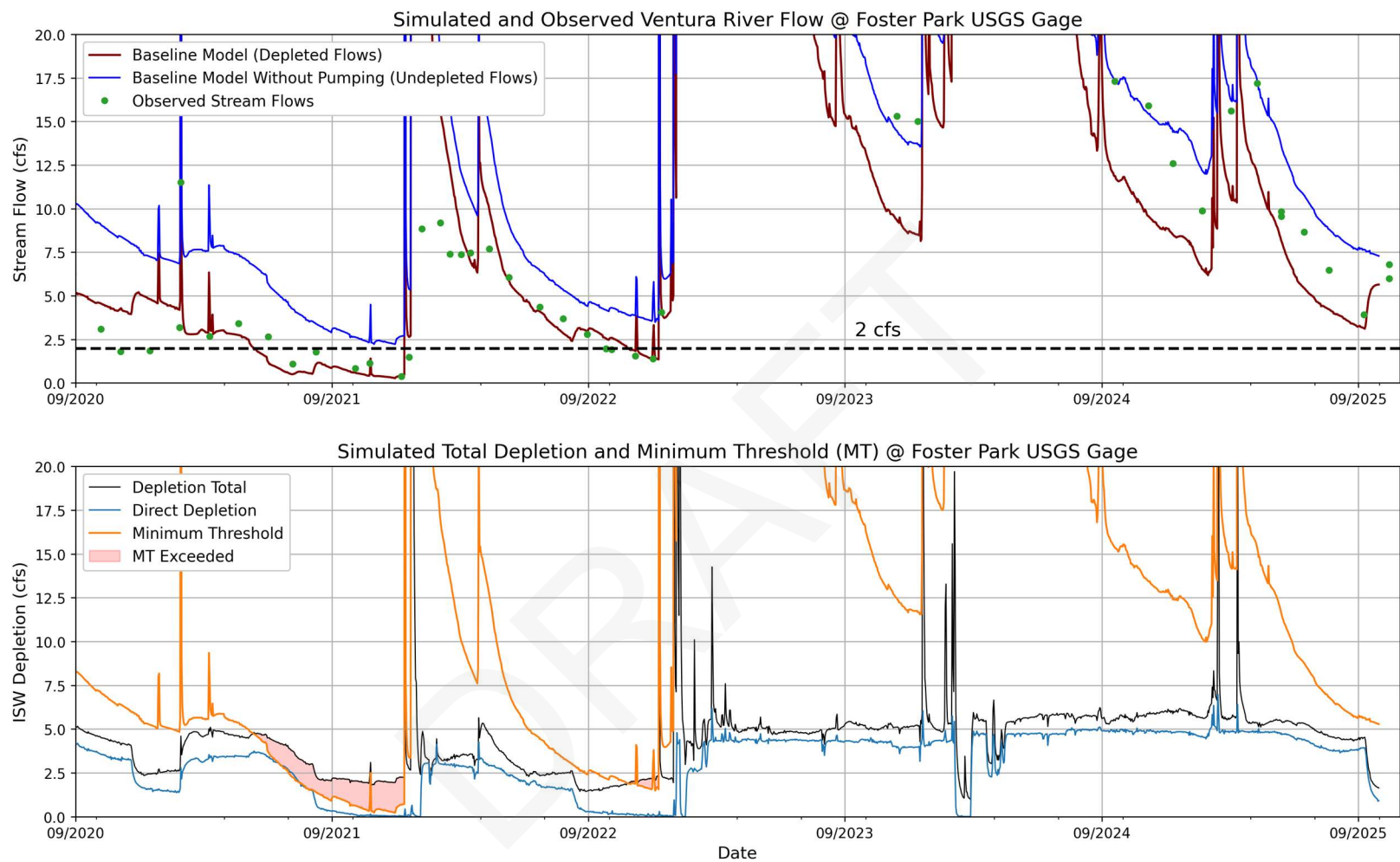


Figure 3.25 Simulated Stream Flows and Depletion at Foster Park Habitat Area

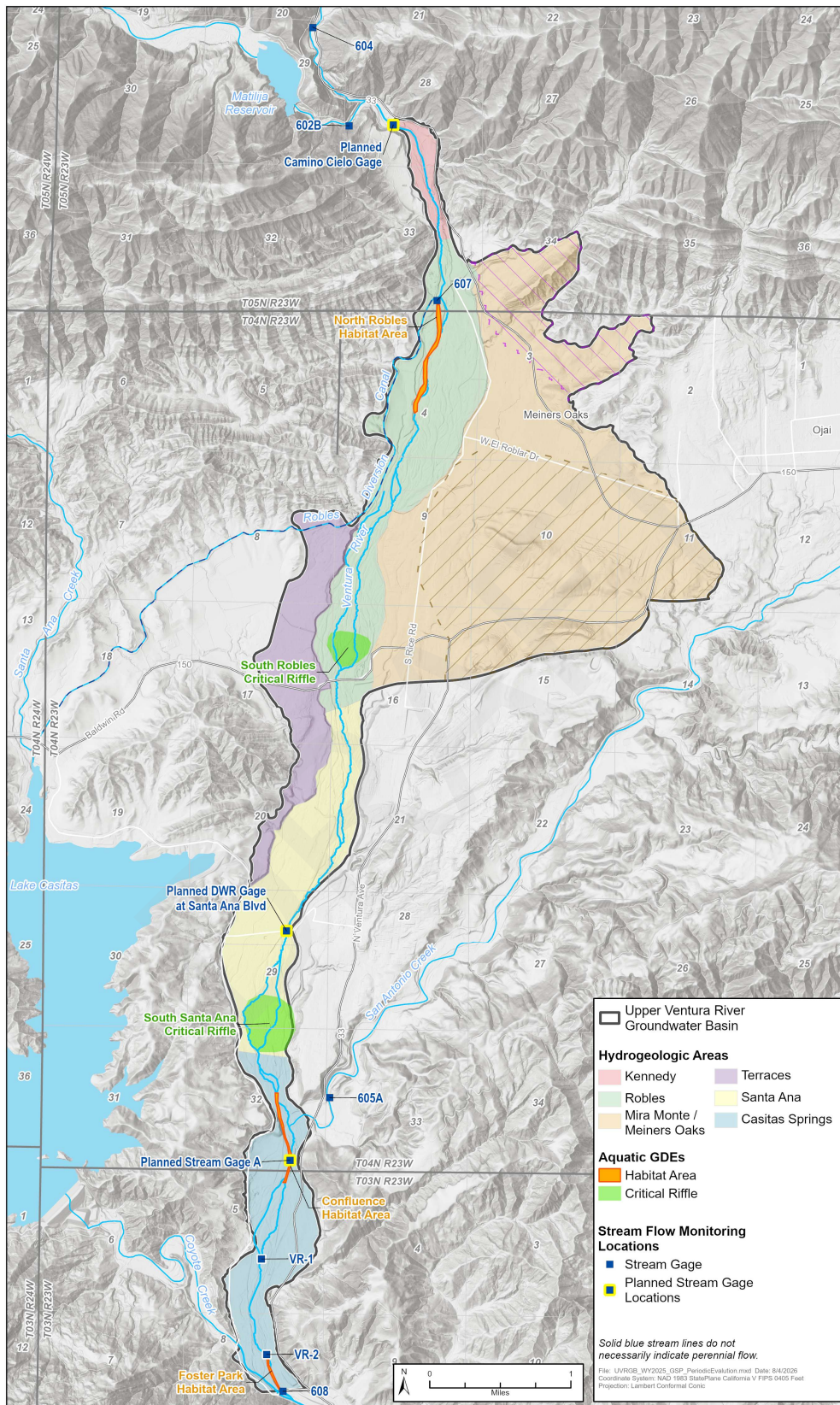


Figure 4.1 Stream Monitoring Locations

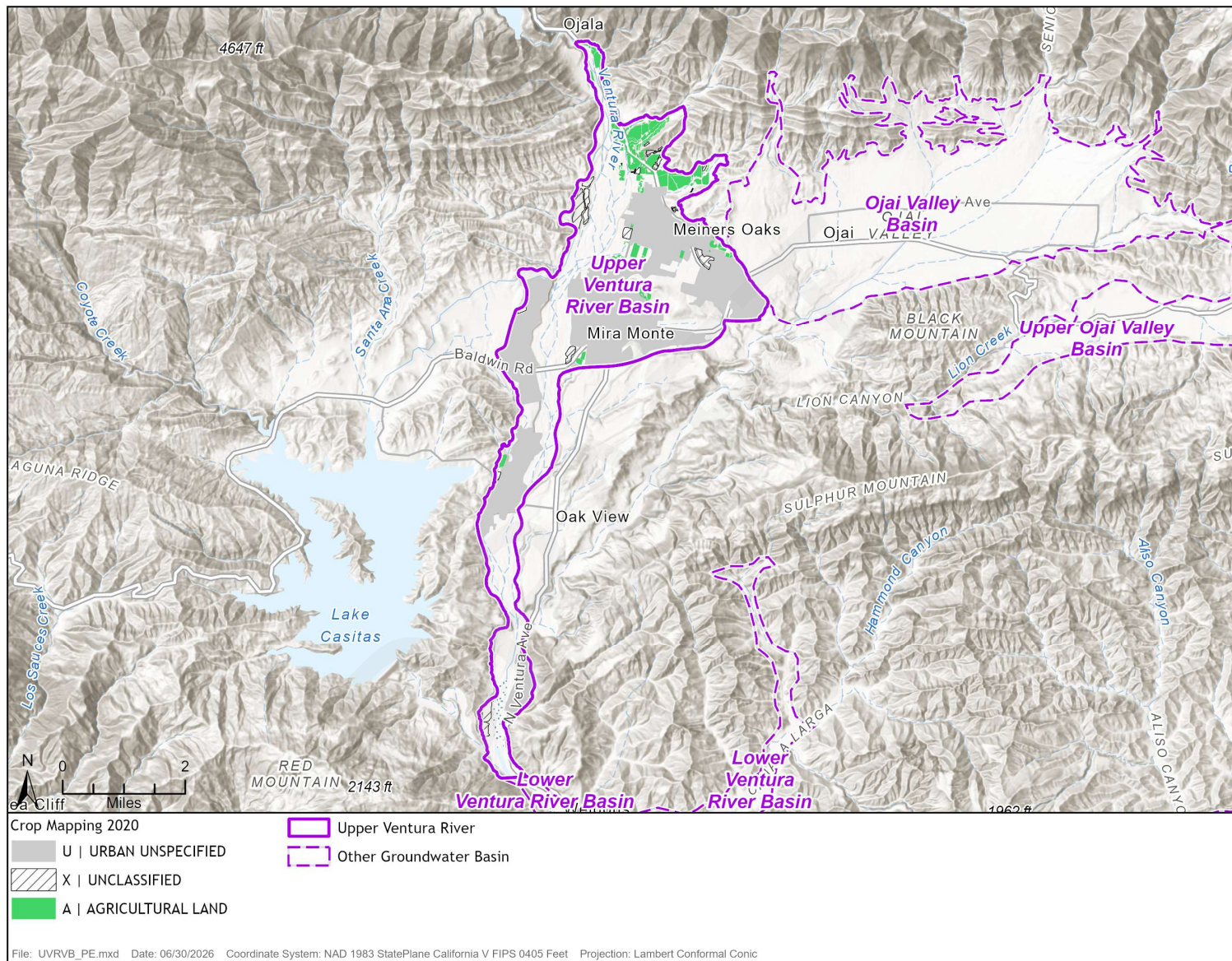


Figure 5.1 DWR Land Use Mapping of the Upper Ventura River Valley Groundwater Basin (2020)

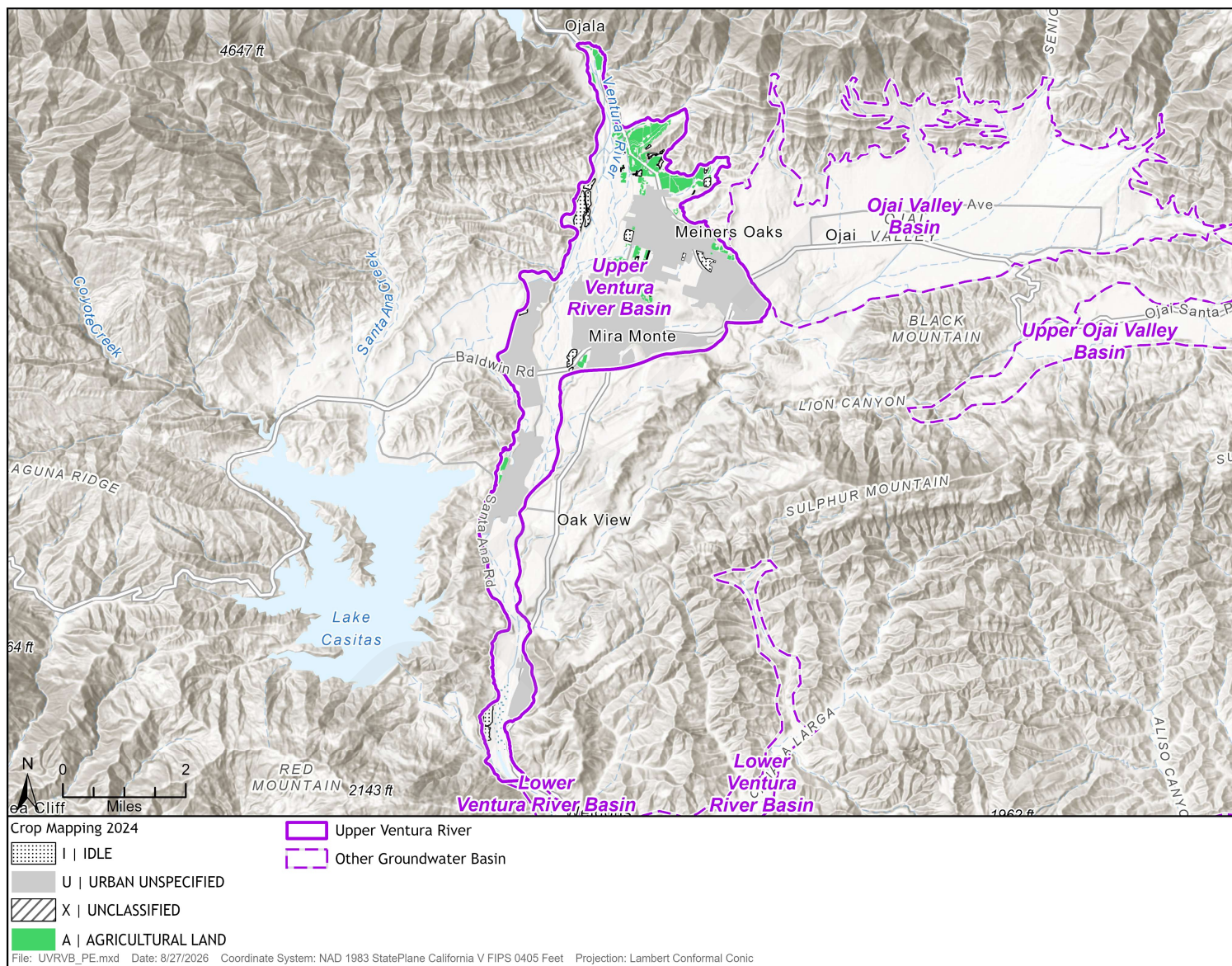


Figure 5.2 DWR Land Use Mapping of the Upper Ventura River Valley Groundwater Basin (2024)