

# GROUNDWATER CONDITIONS

## HYDROGRAPH APPENDIX

This appendix includes groundwater level information that was compiled as part of addressing the requirements of the Sustainable Groundwater Management Act (SGMA). The data shown in the following appendix was compiled from several sources.

For the CMA there are four sources of groundwater level data, summarized as follows.

**TABLE 1-1.**

Type	Summary	Description
Monthly	City of Buellton	Static water level reads from the City of Buellton.
Monthly	USBR	Groundwater elevation data reported in the USBR Cachuma project monthly reports. Data was converted from NGVD29 to NAVD88, and includes source NGVD29 data.
Semiannual	USGS NWIS	Historical groundwater data available from the USGS NWIS database.
Semiannual	County of Santa Barbara Water Agency	Groundwater elevation data provided by the County of Santa Barbara Water Agency. Data reported to the state CASGEM database is a subset of this monitoring.

These data sets were compiled into a database for analysis. Each well with water level data was associated with a particular aquifer using a combination of the geologic units in the perforation intervals zone and the response of water levels at particular wells.

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## LIST OF ACRONYMS AND ABBREVIATIONS

BGS	below ground surface
DBID	database identification number
CSD	Community Service District
CMA	Central Management Area
FT	feet
MSL	mean sea level
USBR	United States Bureau of Reclamation
USGS	United States Geologic Survey
WL	Water Level
WMA	Western Management Area
VVCSD	Vandenberg Village Community Services District

## WELL NUMBERING DESCRIPTION

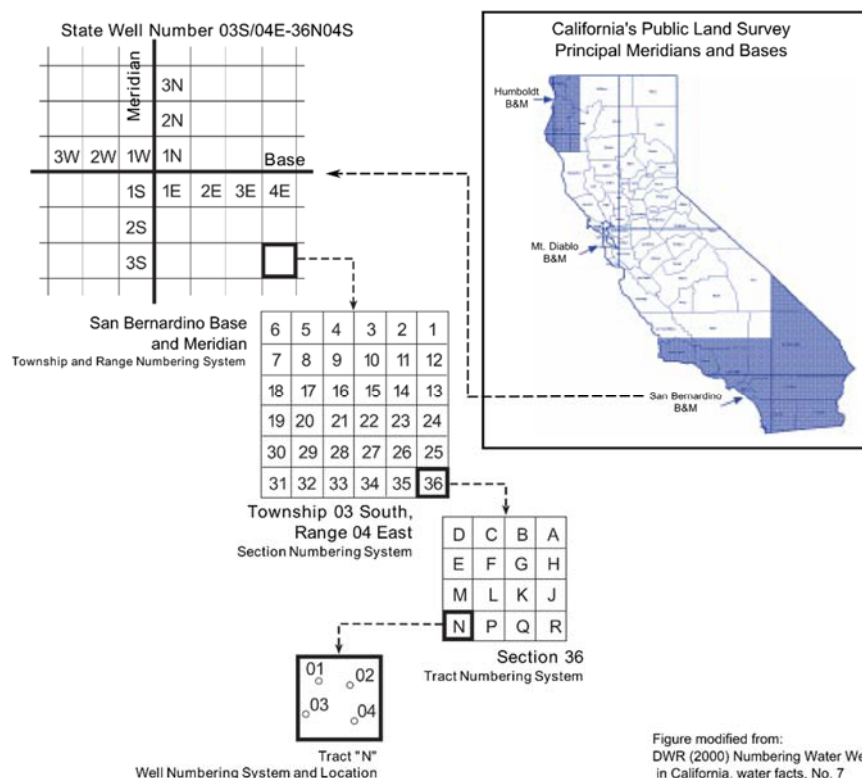
Wells in Santa Ynez River Valley Groundwater Basin have a unique State Well Number assigned by the California Department of Water Resources based on the public land grid, and includes the township, range, and section in which the well is located. Each section is further subdivided into sixteen 40-acre tracts, which are assigned a letter designation as shown in Figure 1 below. All wells in Santa Ynez use the San Bernardino ("S") base line and meridian, so this letter is generally omitted. Lands not part of the Bureau of Land Management Cadastral survey, such as Mexican Land grants land map are interpolated from other sources.

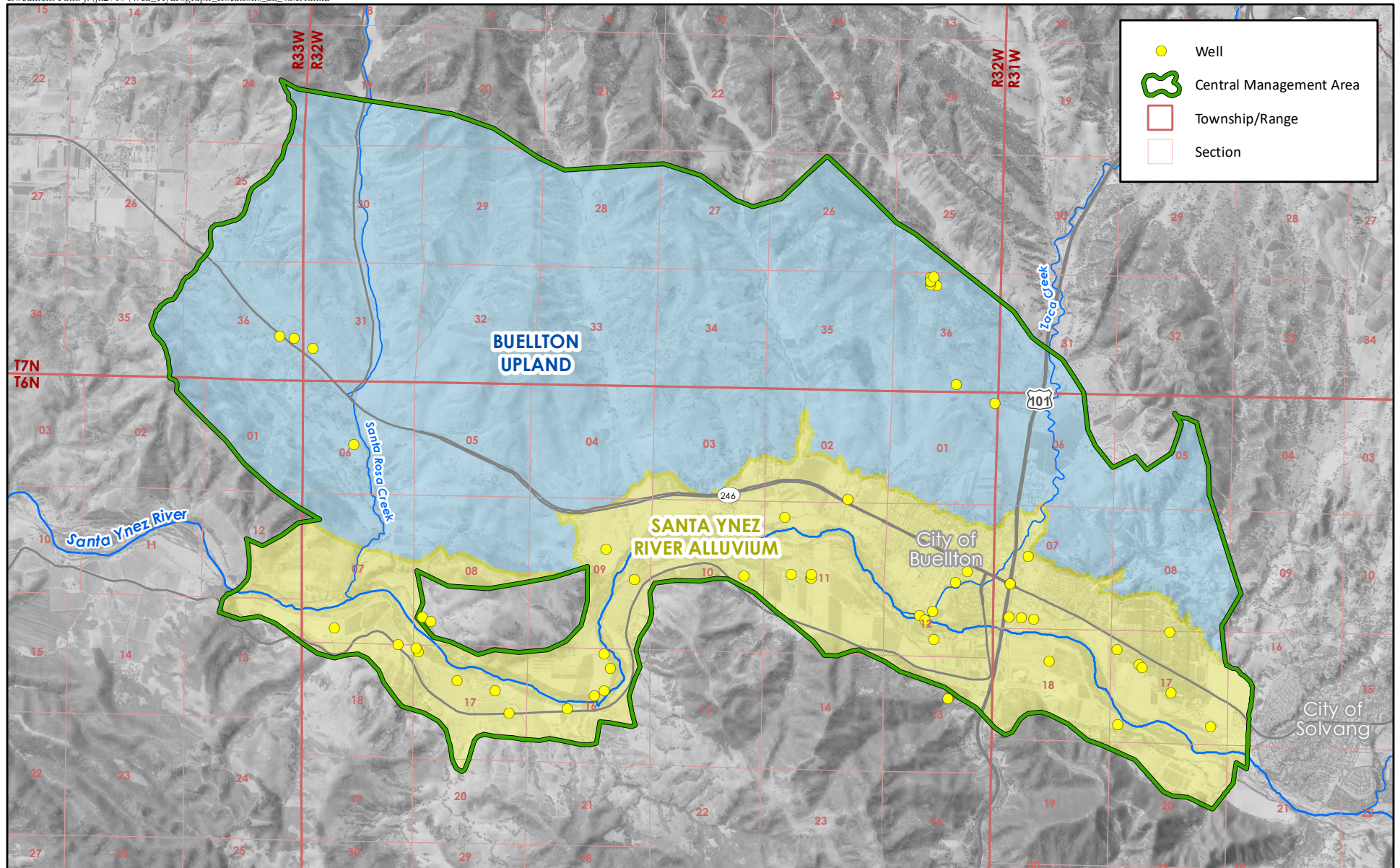
In maps and in texts, Stetson refers to monitoring wells by their section, tract, and well number, following the USGS convention for abbreviation. If the township and range are otherwise made obvious, the well may be shortened further to section, track, and well numbers. Occasional exceptions to this naming scheme are made for wells drilled for other purposes.

The USGS 15-digit well number based on degrees, minutes, and seconds of latitude (6 digits) and longitude (7 digits) and sequential number (2 digits) are also shown on wells that are part of the USGS databases.

Finally, a 4-digit unique database identification number (DBID) is used in the database management system to connect well information from various sources.

## CALIFORNIA DEPARTMENT OF WATER RESOURCES' NUMBERING SYSTEM FOR WATER WELLS





## WELL HYDROGRAPH LOCATIONS WITHIN CENTRAL MANAGEMENT AREA

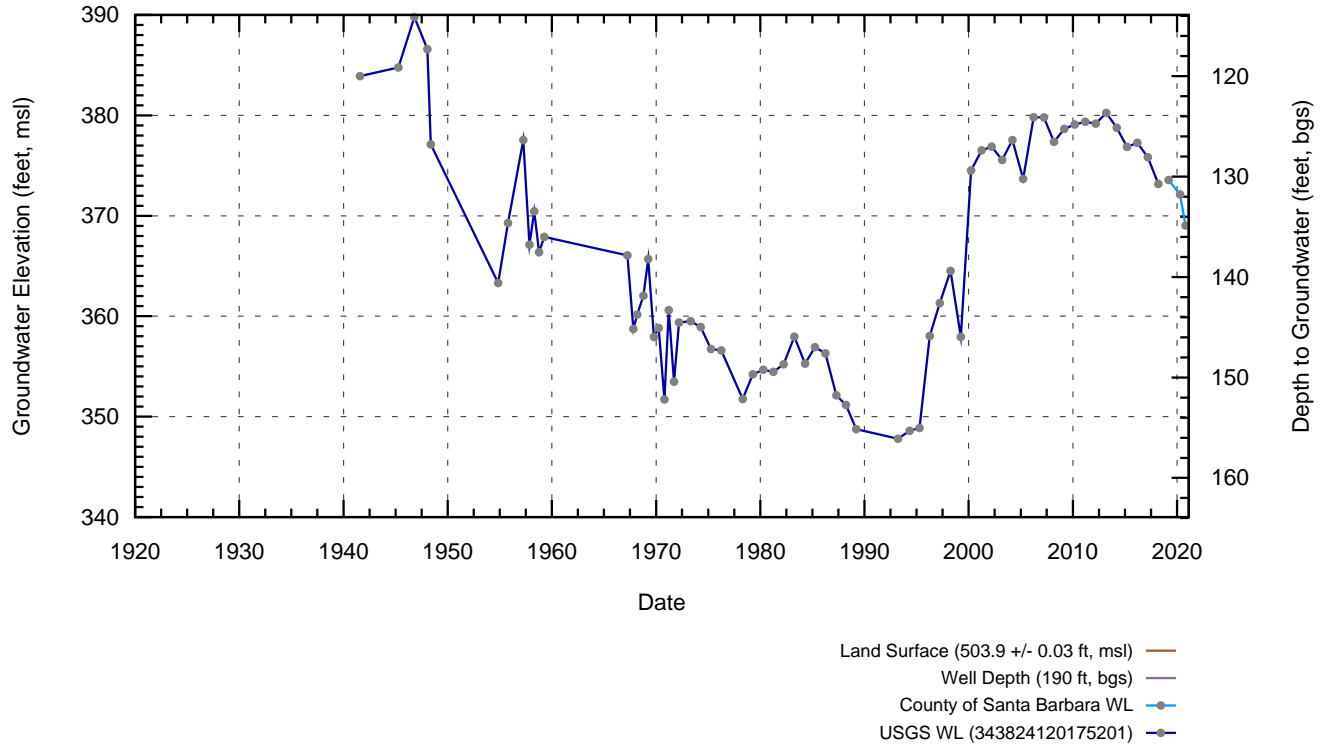
**DRAFT**  
0 0.5 1  
Miles



# CMA: Buellton Uplands

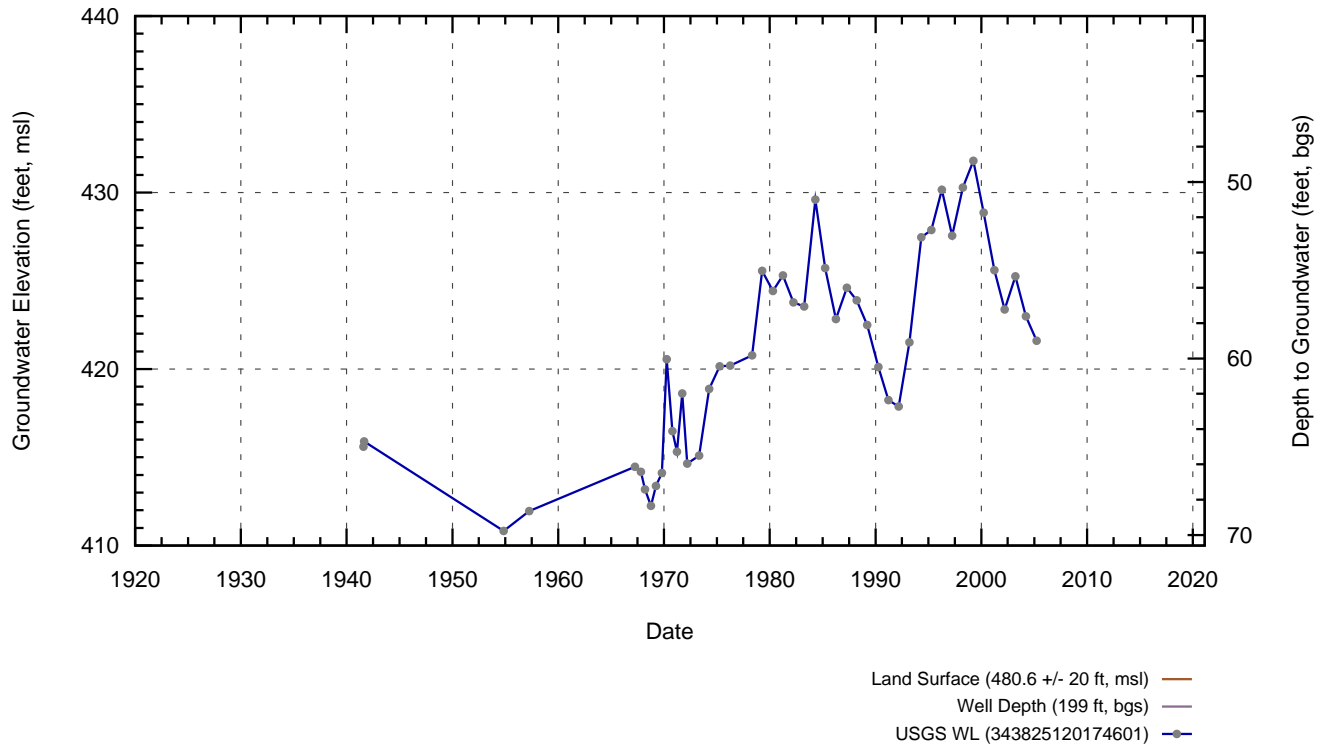
7N/33W-36J1 (DBID 82)

Lower Aquifer



7N/33W-36J02 (DBID 147)

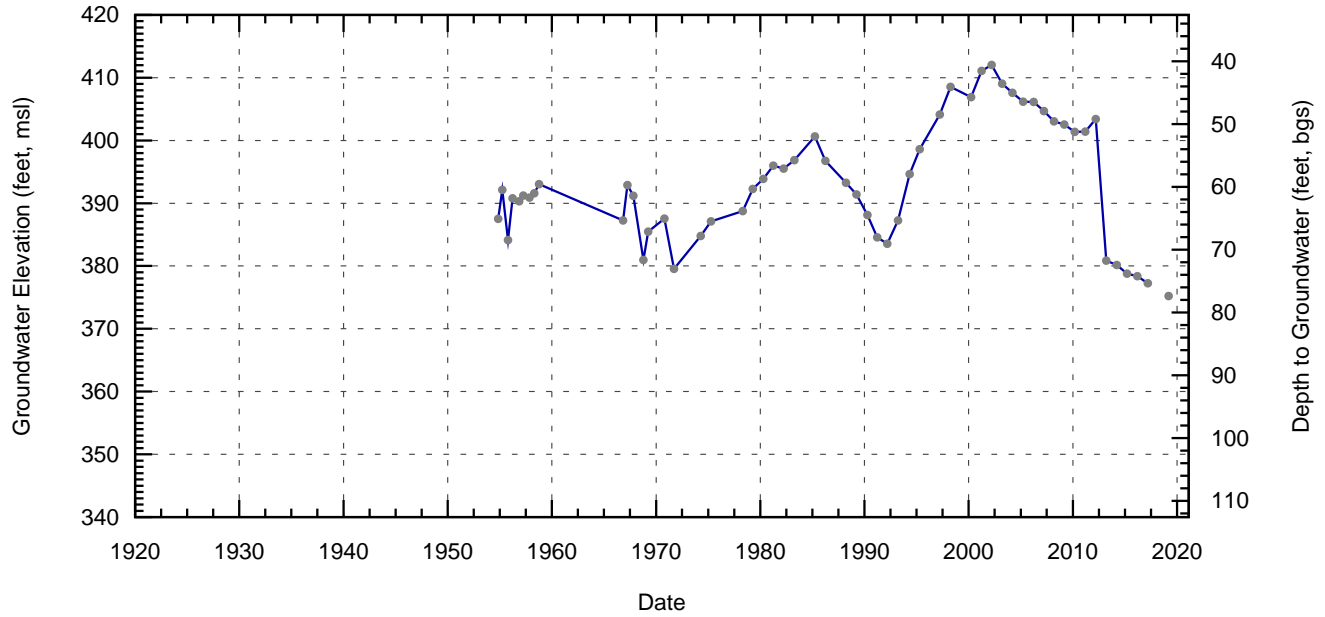
Upper Aquifer



# CMA: Buellton Uplands

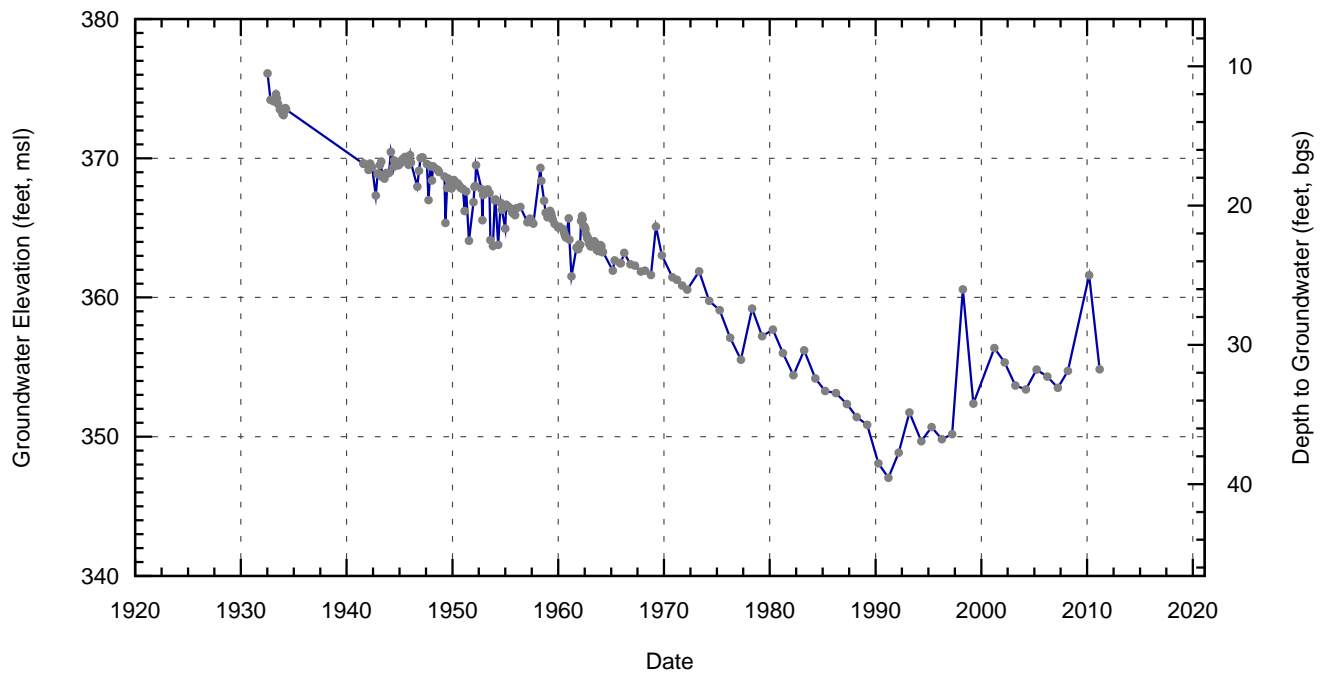
7N/32W-31M1 (DBID 75)

Upper Aquifer



6N/32W-06K01 (DBID 130)

Lower Aquifer

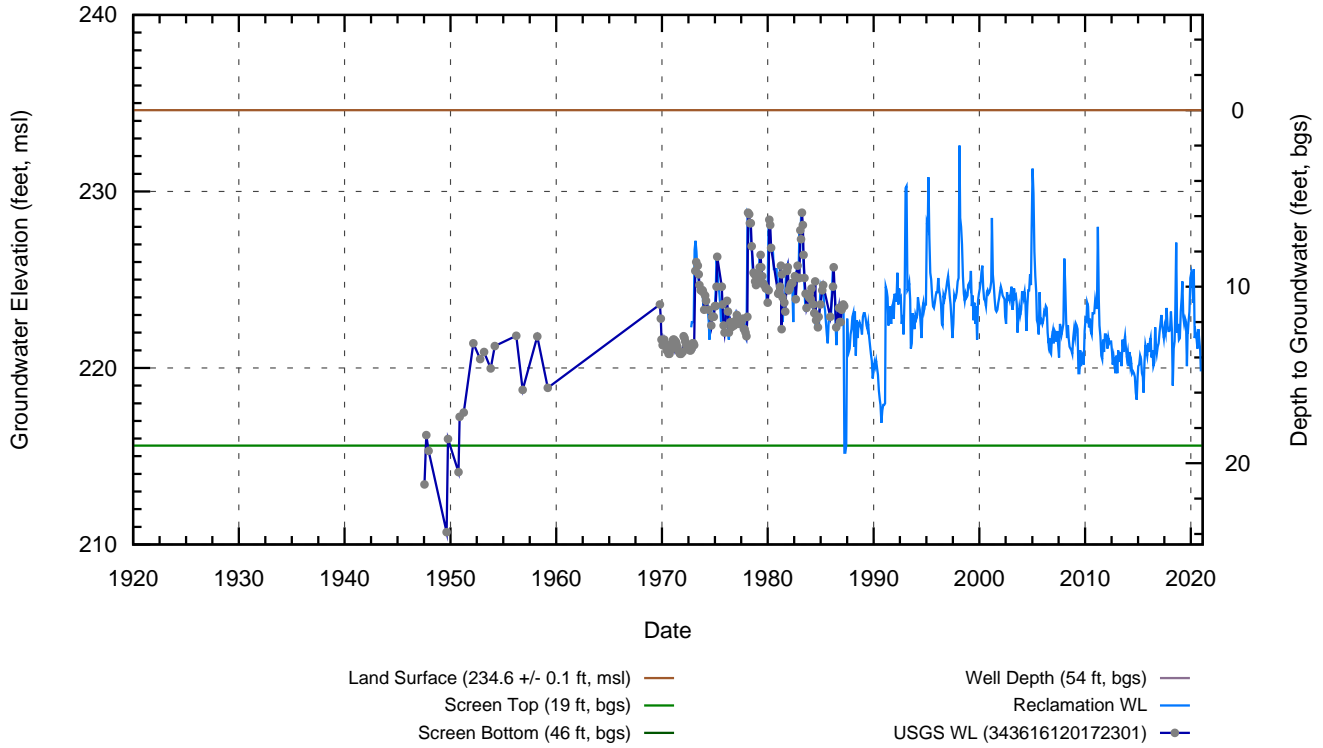




# CMA: Santa Ynez River

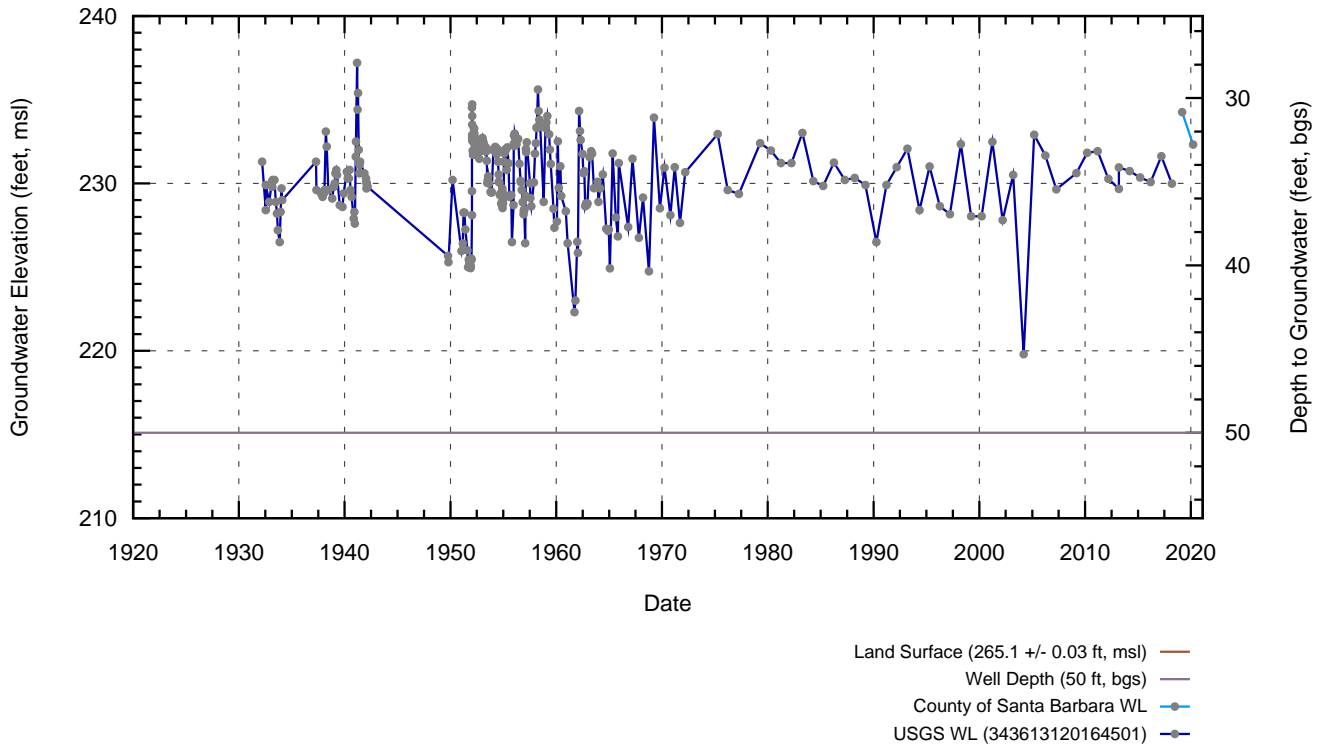
USBR Node 10 [6N/32W-18C02] (DBID 1128)

Upper Aquifer



6N/32W-18H1 (DBID 70)

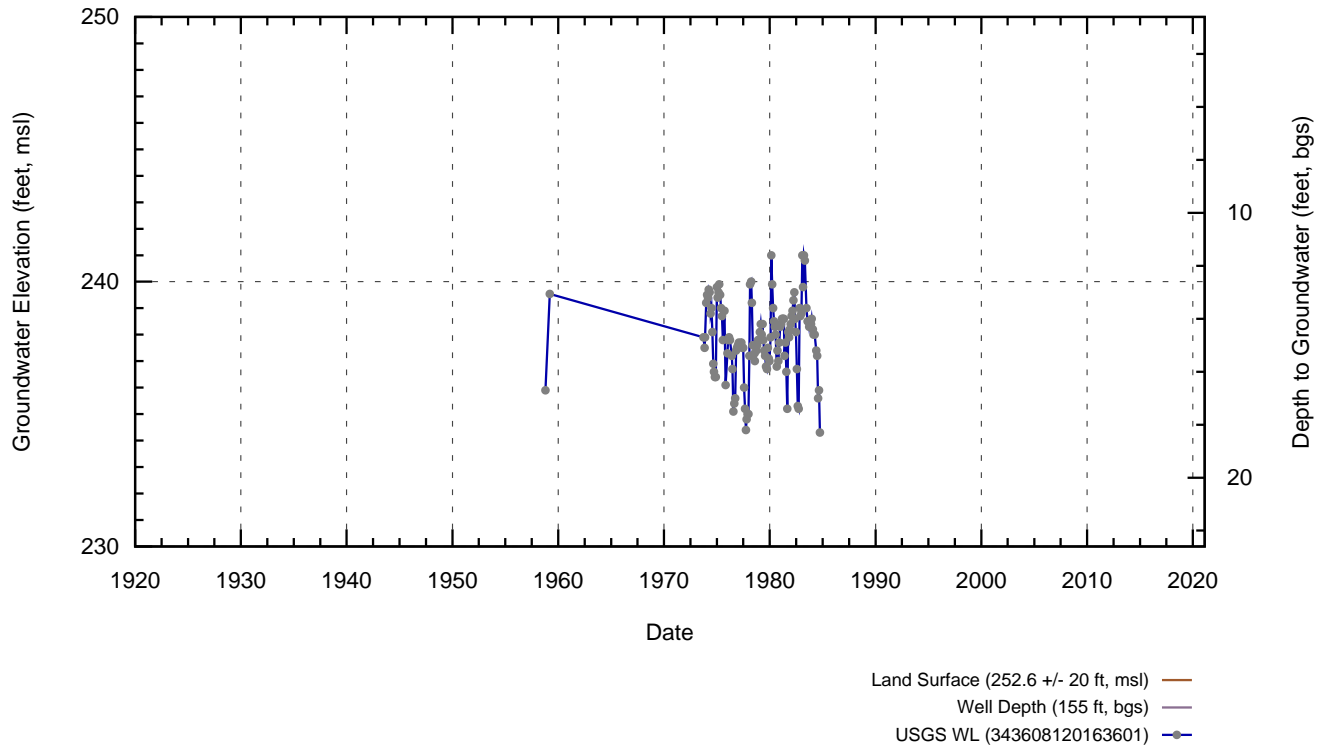
Upper Aquifer



# CMA: Santa Ynez River

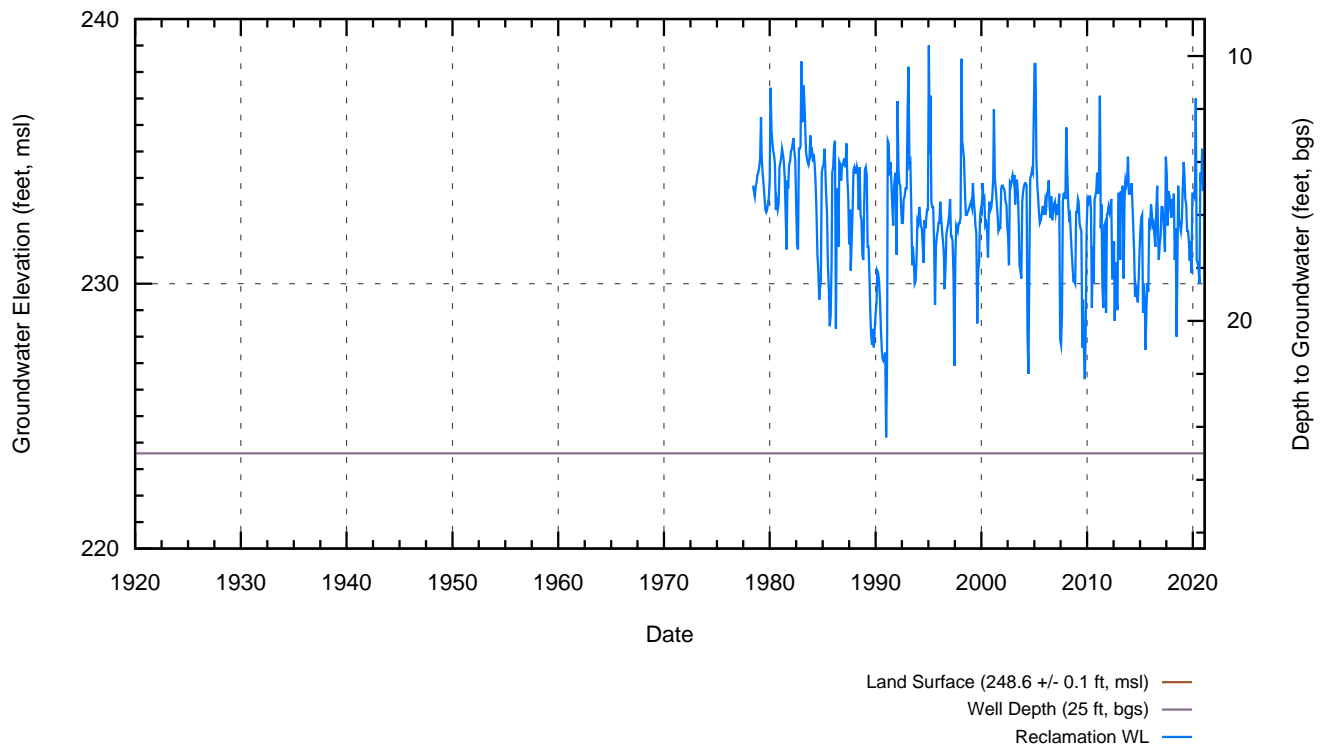
6N/32W-17E2 (DBID 189)

Upper Aquifer



USBR Node 11 [6N/32W-08N04] (DBID 1127)

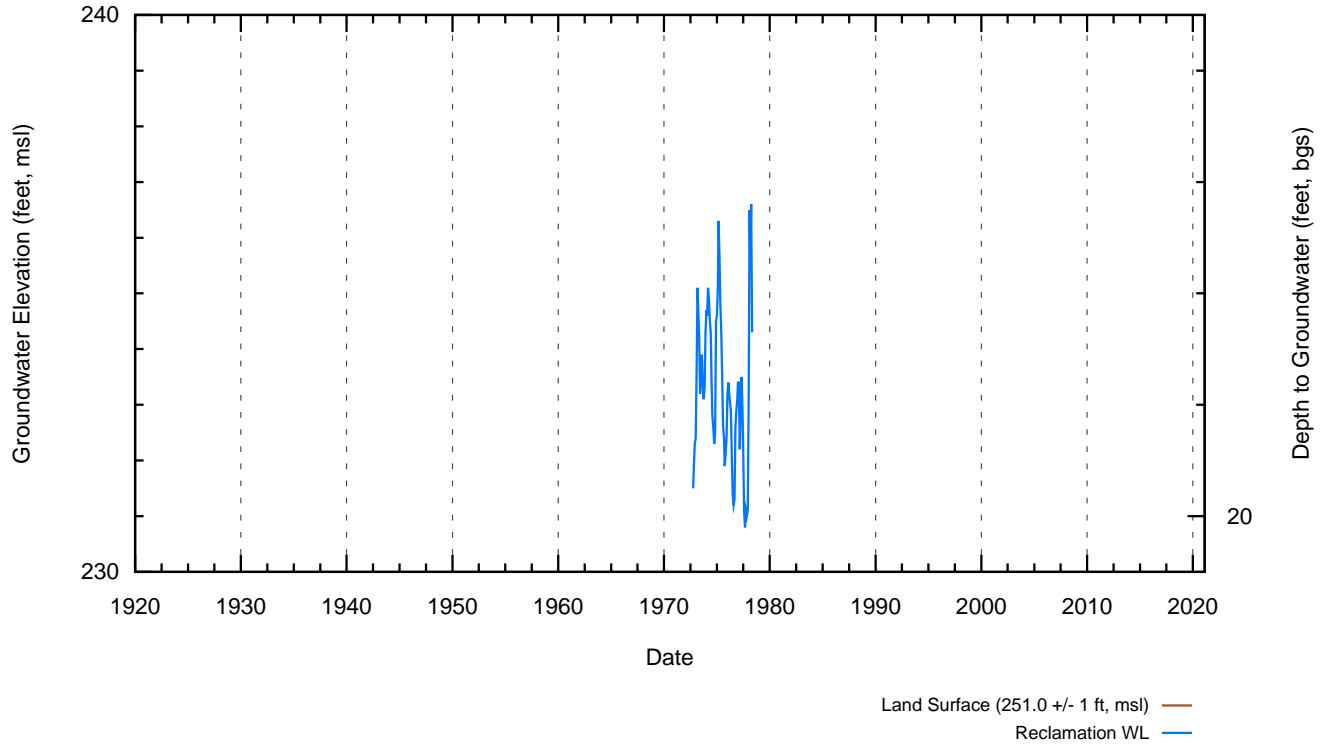
Upper Aquifer



# CMA: Santa Ynez River

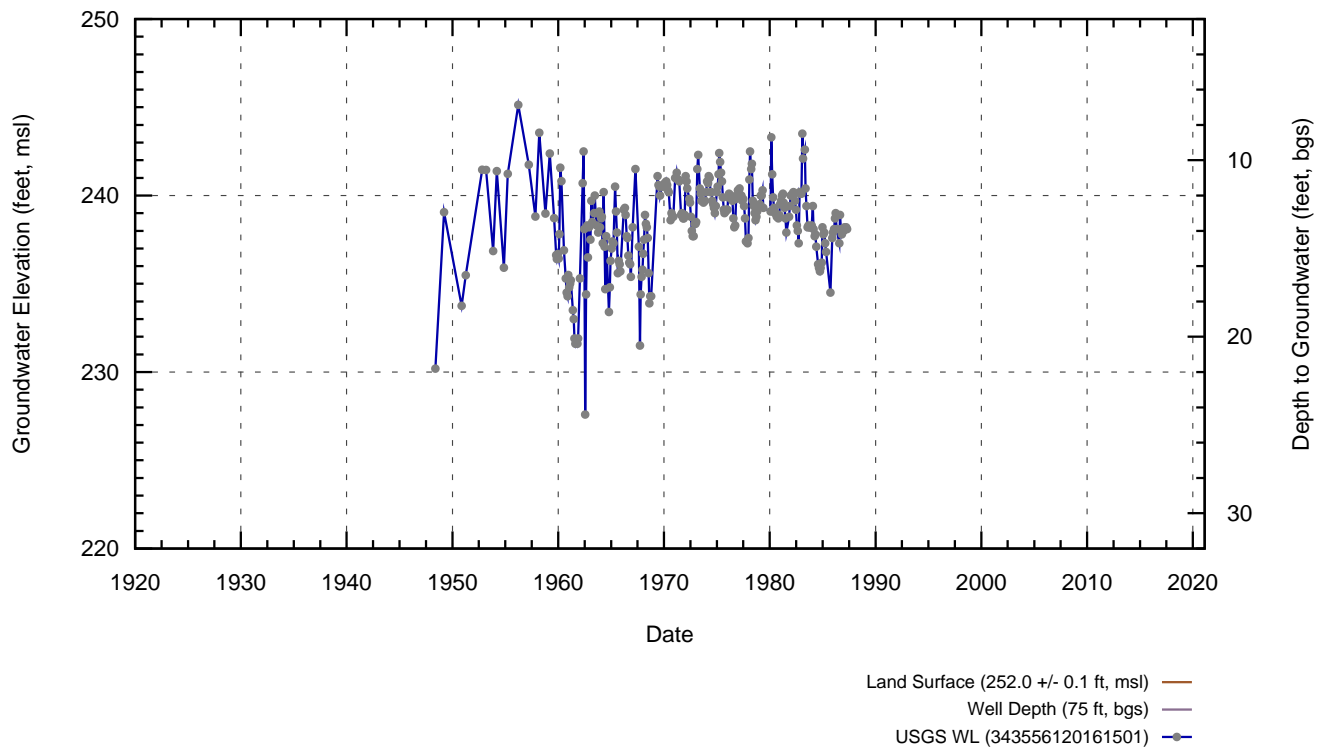
USBR Node 11 [6N/32W-08N03] (DBID 1183)

Upper Aquifer



6N/32W-17L1 (DBID 187)

Upper Aquifer

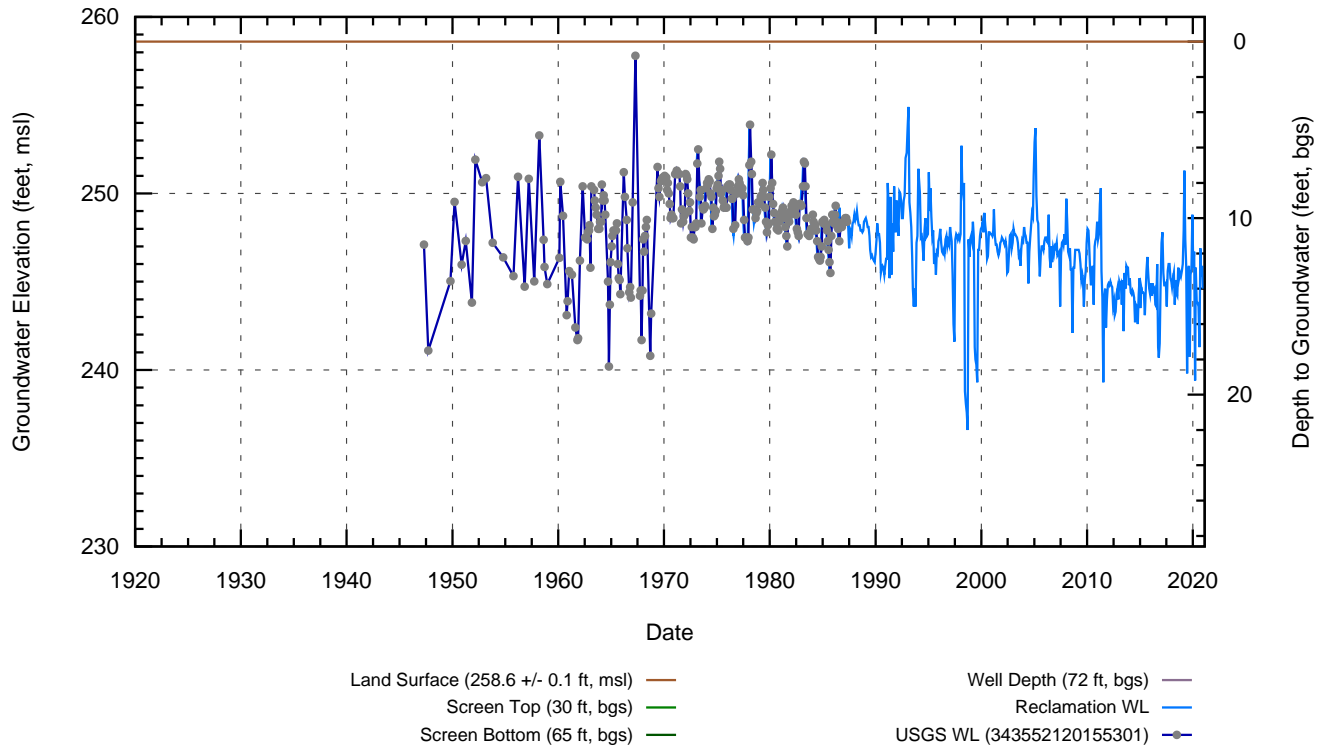




# CMA: Santa Ynez River

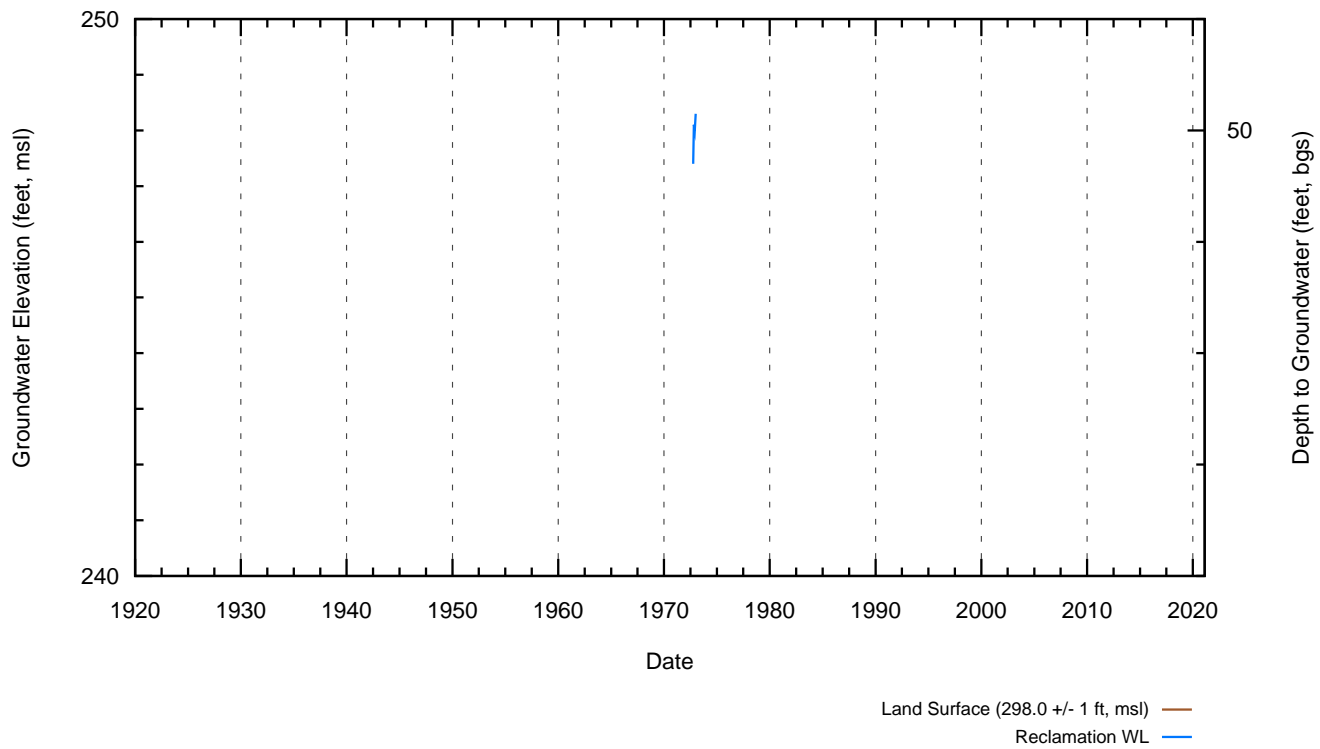
USBR Node 12 [6N/32W-17J02] (DBID 1125)

Upper Aquifer



USBR Node 12 [6N/32W-17J01] (DBID 1184)

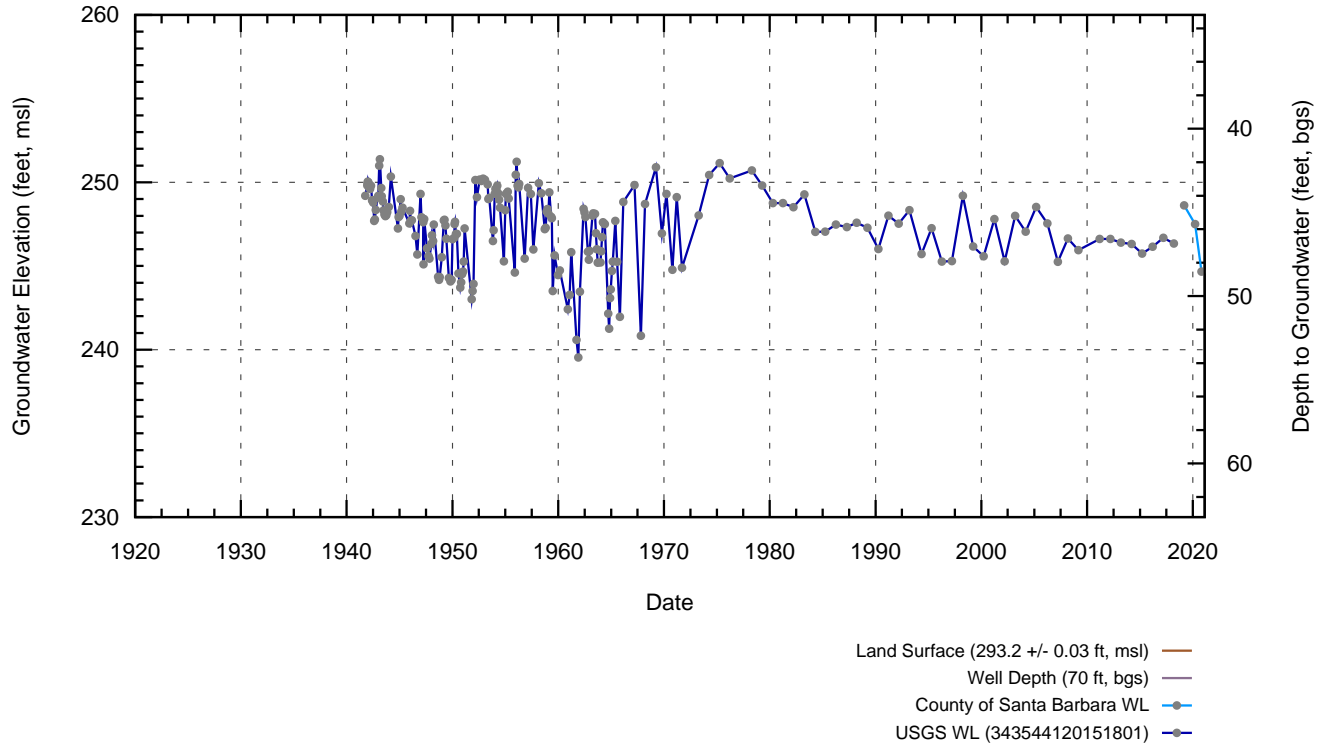
Upper Aquifer



# CMA: Santa Ynez River

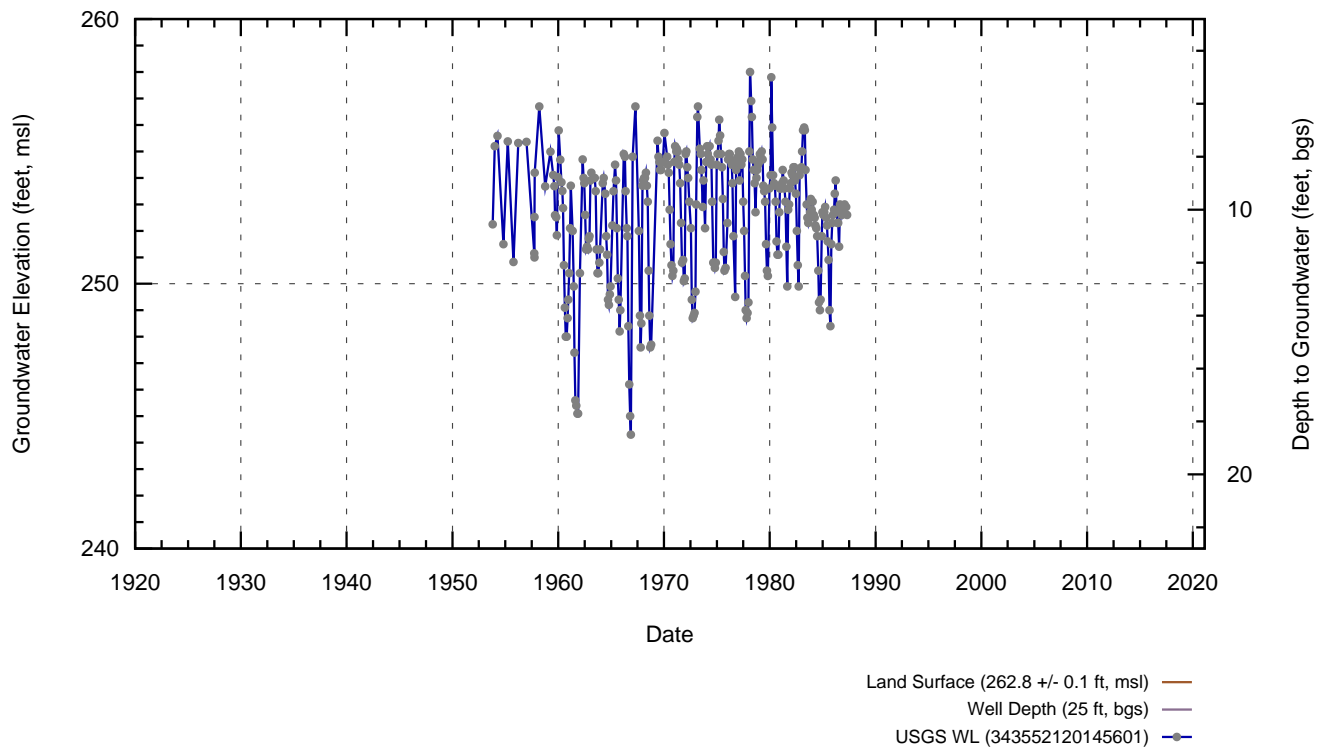
6N/32W-16P3 (DBID 69)

Upper Aquifer



USBR Node 13 [6N/32W-16K01] (DBID 1124)

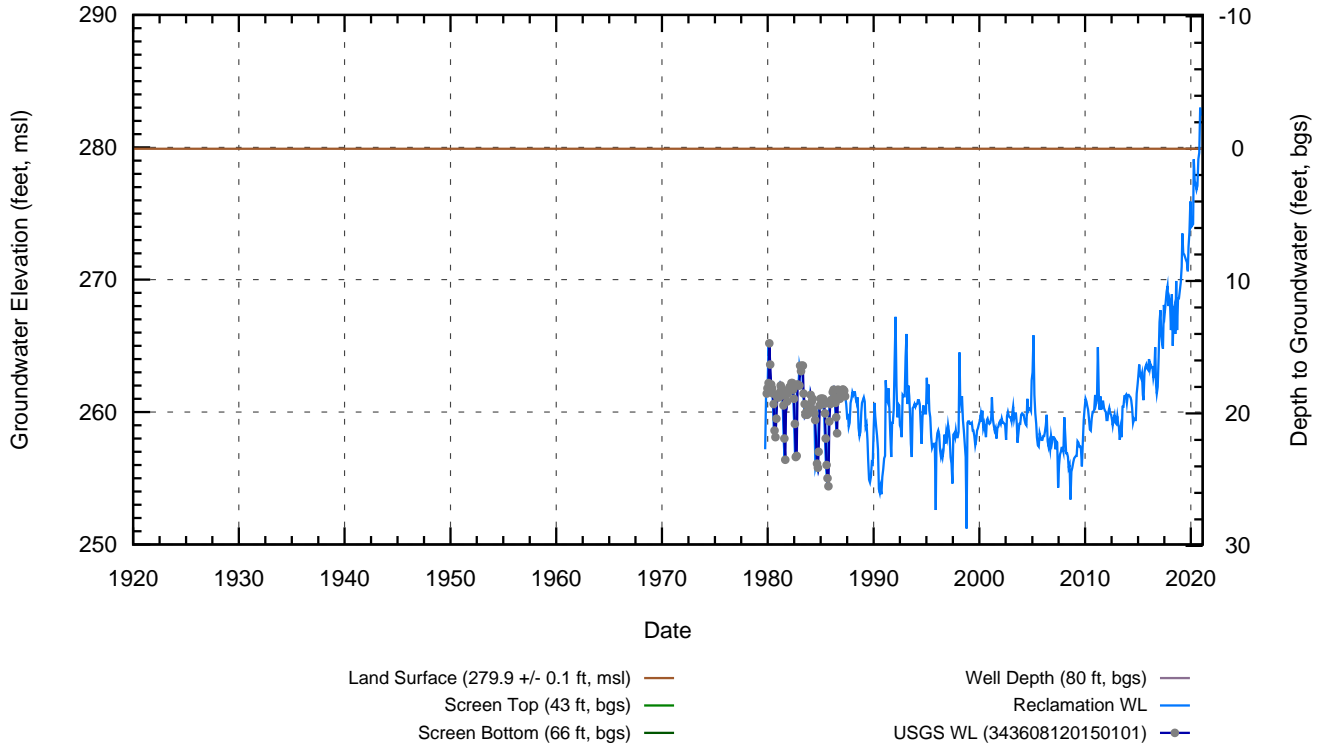
Upper Aquifer



# CMA: Santa Ynez River

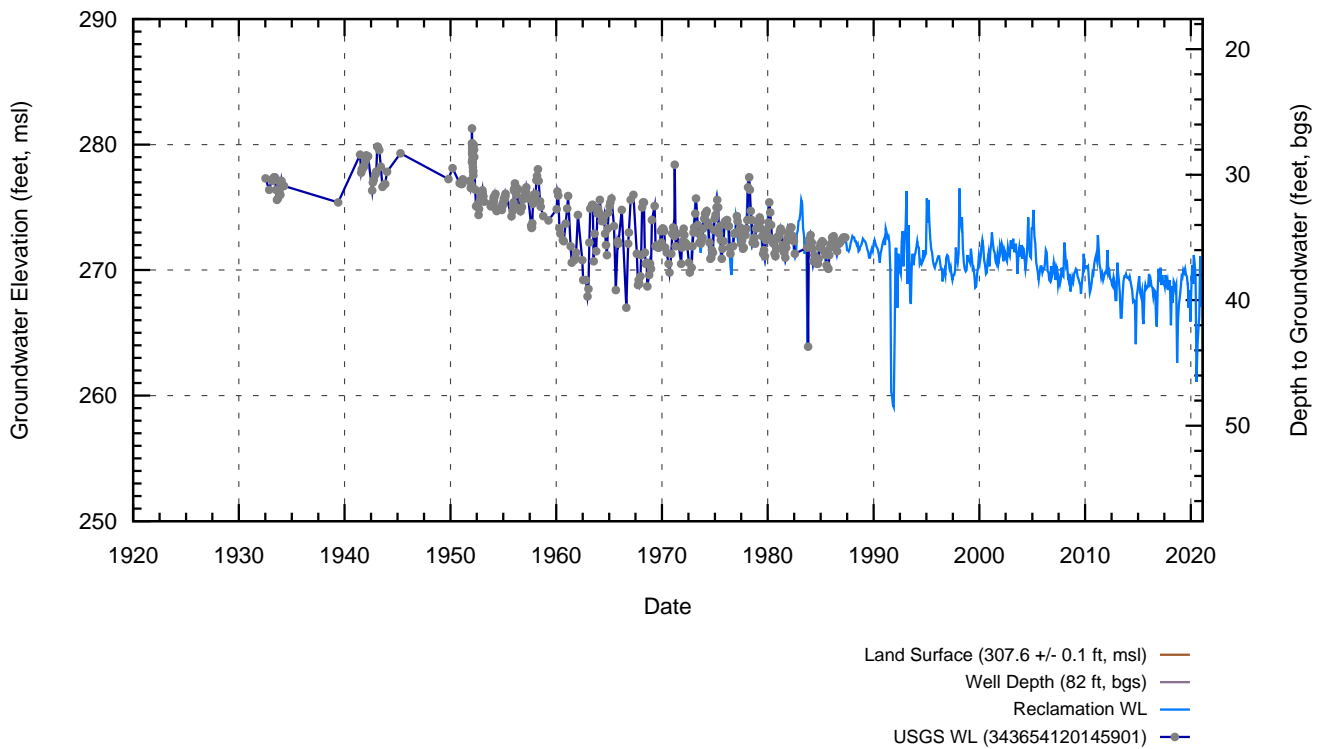
USBR Node 13 [6N/32W-16G04] (DBID 1122)

Upper Aquifer



USBR Node 14 [6N/32W-09G01] (DBID 1120)

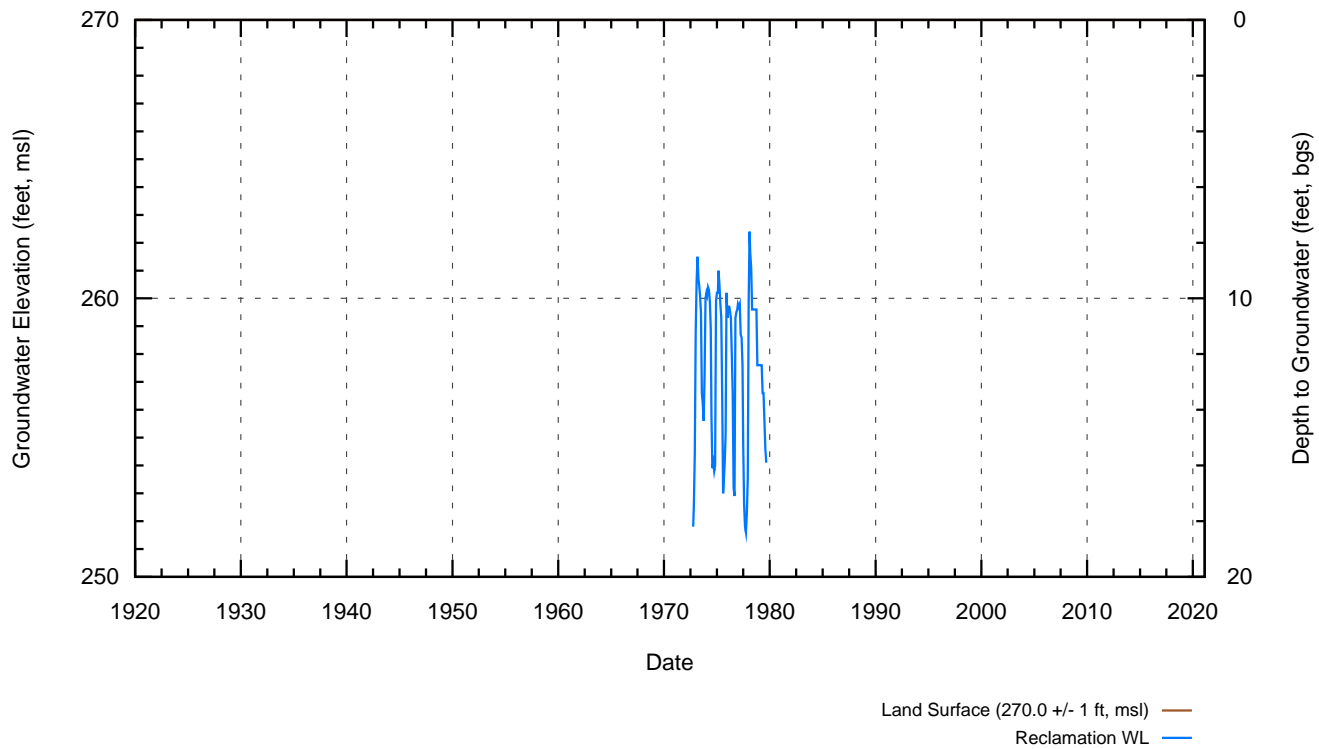
Upper Aquifer



# CMA: Santa Ynez River

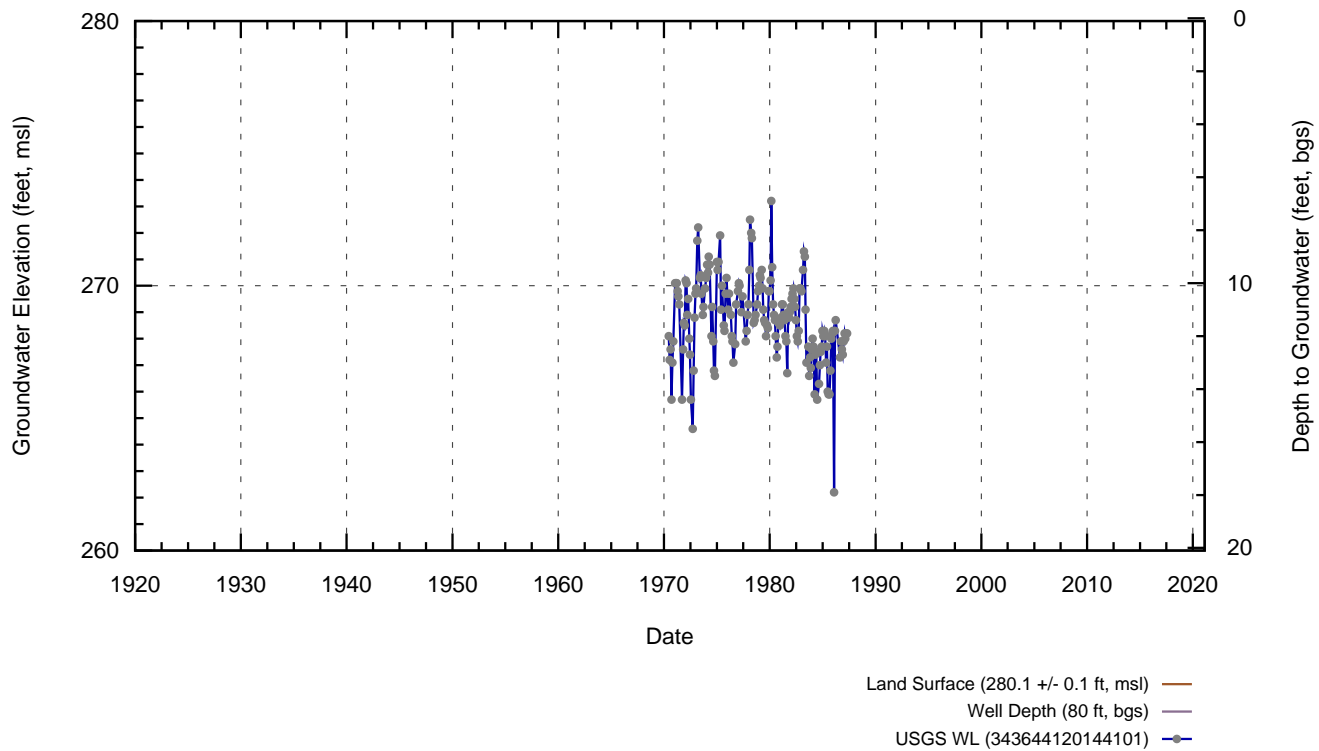
USBR Node 13 [6N/32W-16G02] (DBID 1185)

Upper Aquifer



USBR Node 14 [6N/32W-09J03] (DBID 1121)

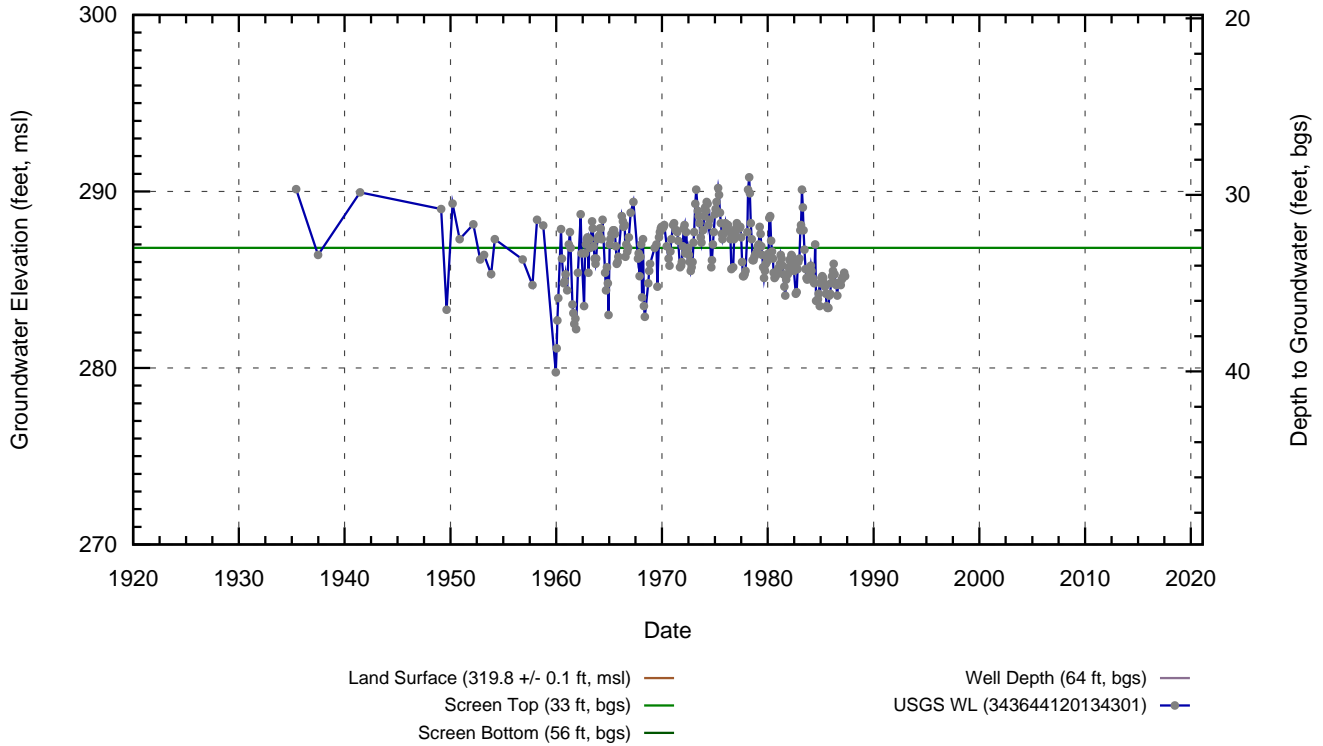
Upper Aquifer



# CMA: Santa Ynez River

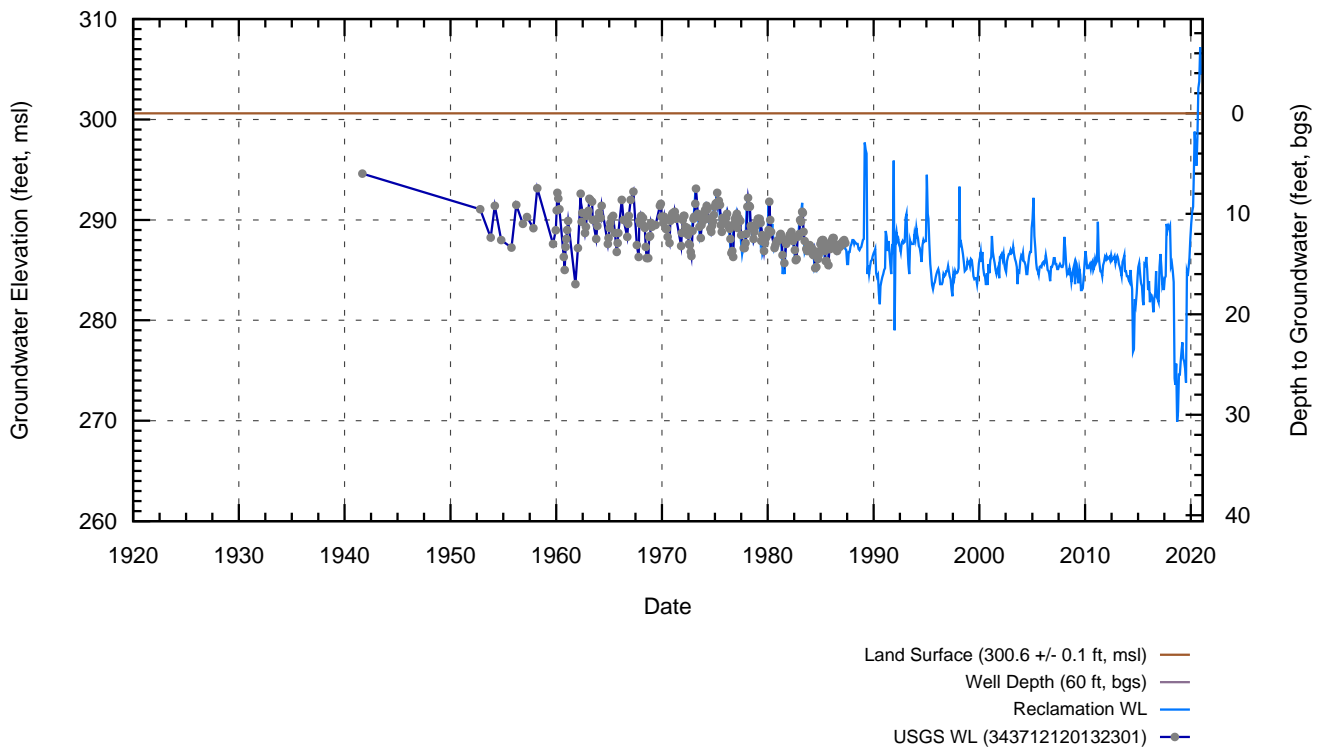
USBR Node 15 [6N/32W-10J01] (DBID 1119)

Lower Aquifer



USBR Node 15 [6N/32W-11D01] (DBID 1118)

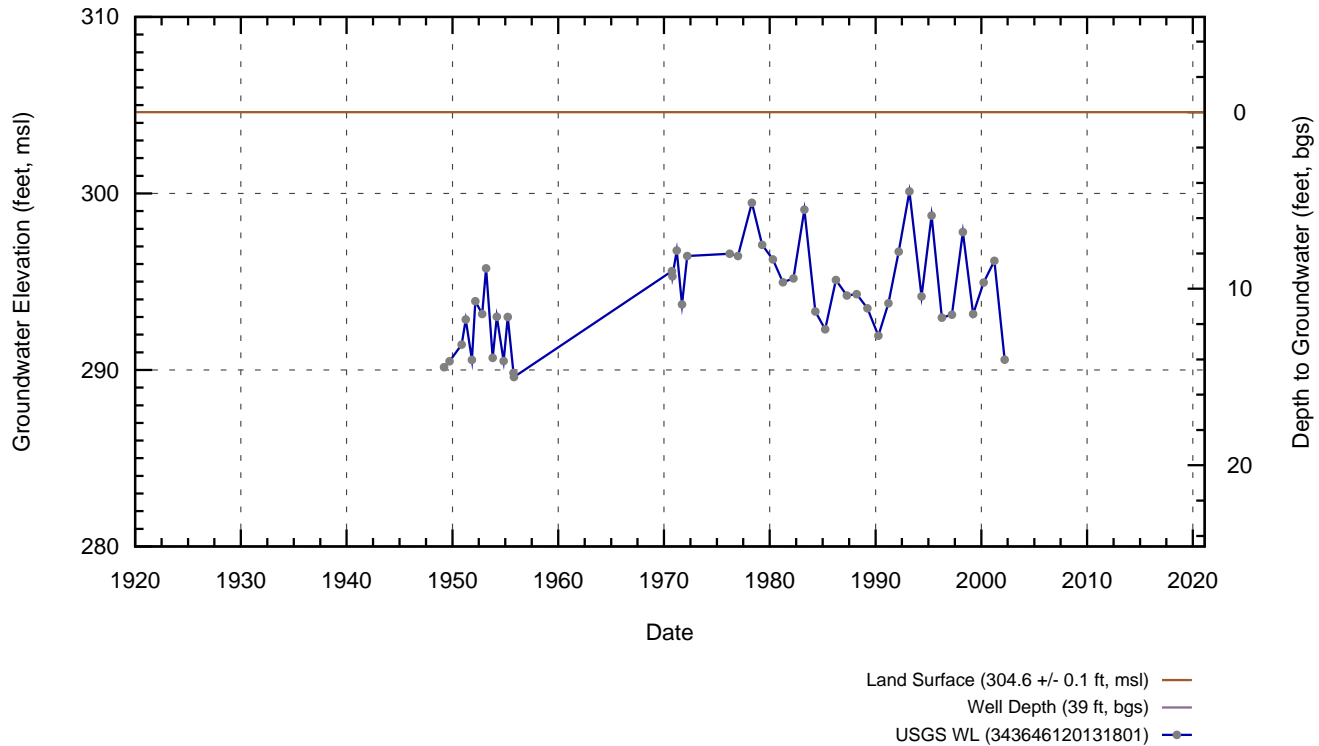
Upper Aquifer



# CMA: Santa Ynez River

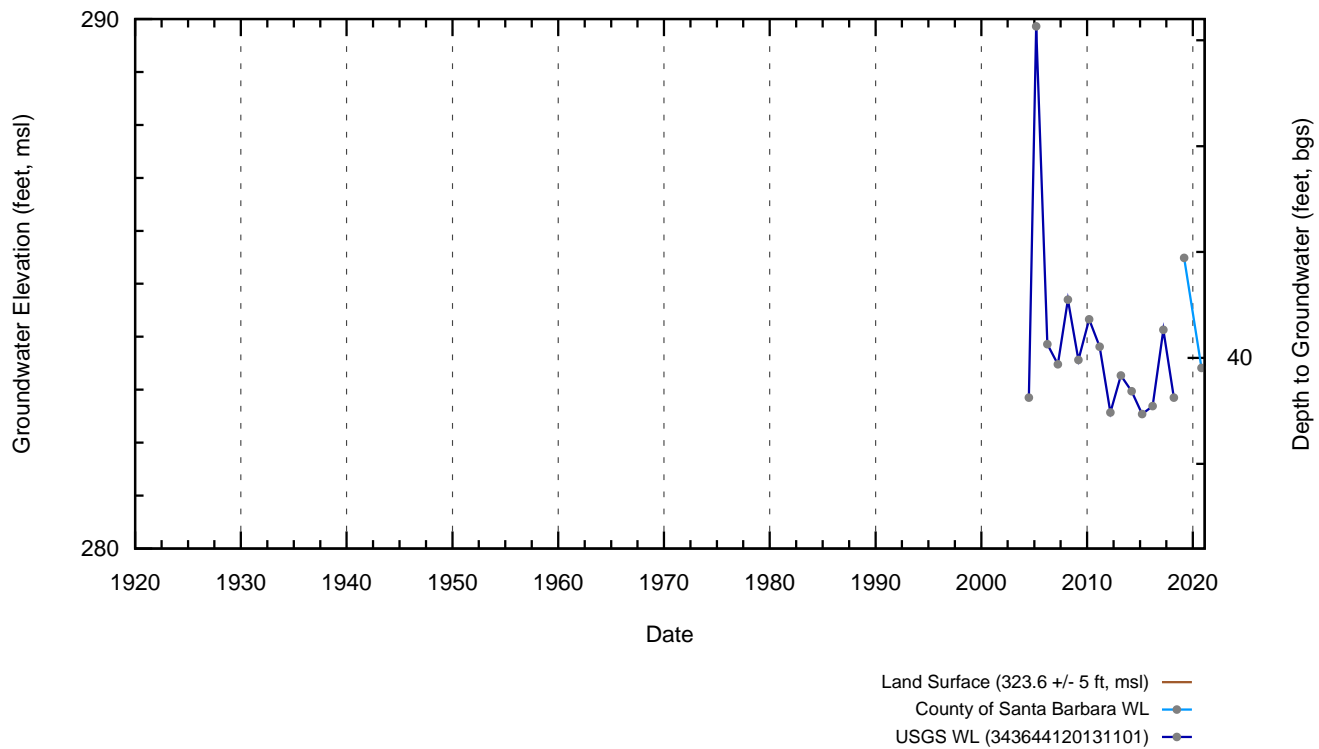
6N/32W-11L3 (DBID 201)

Upper Aquifer



6N/32W-11L4 (DBID 68)

Lower Aquifer

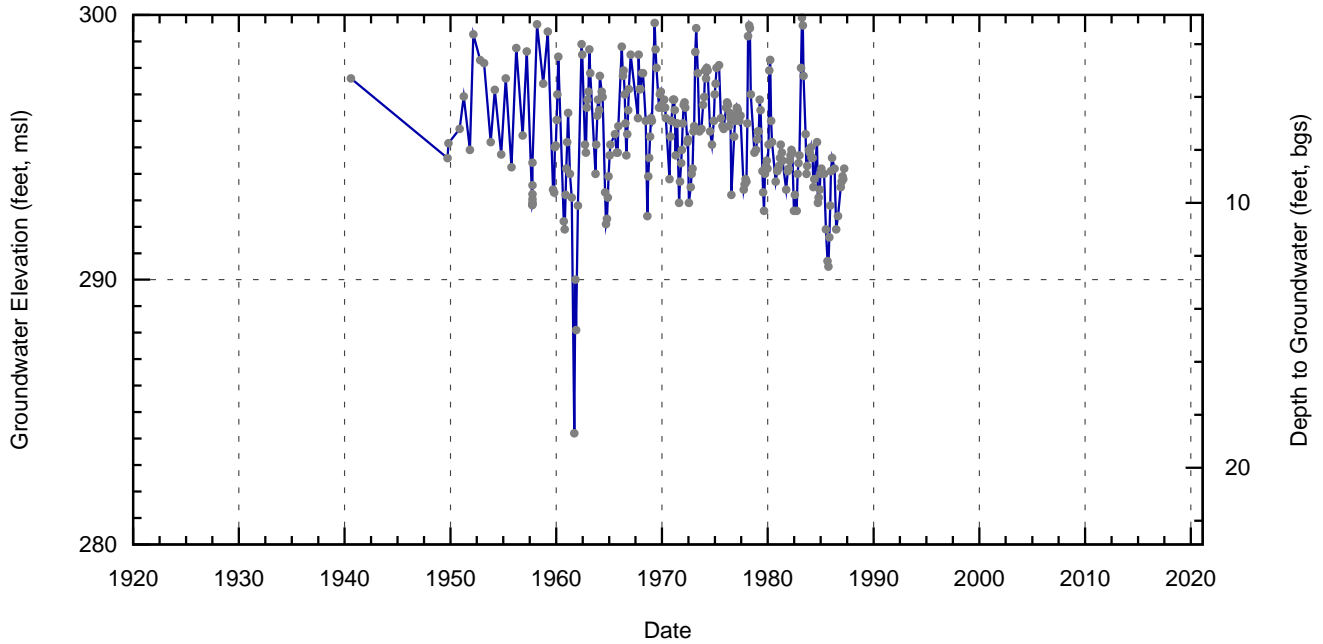




# CMA: Santa Ynez River

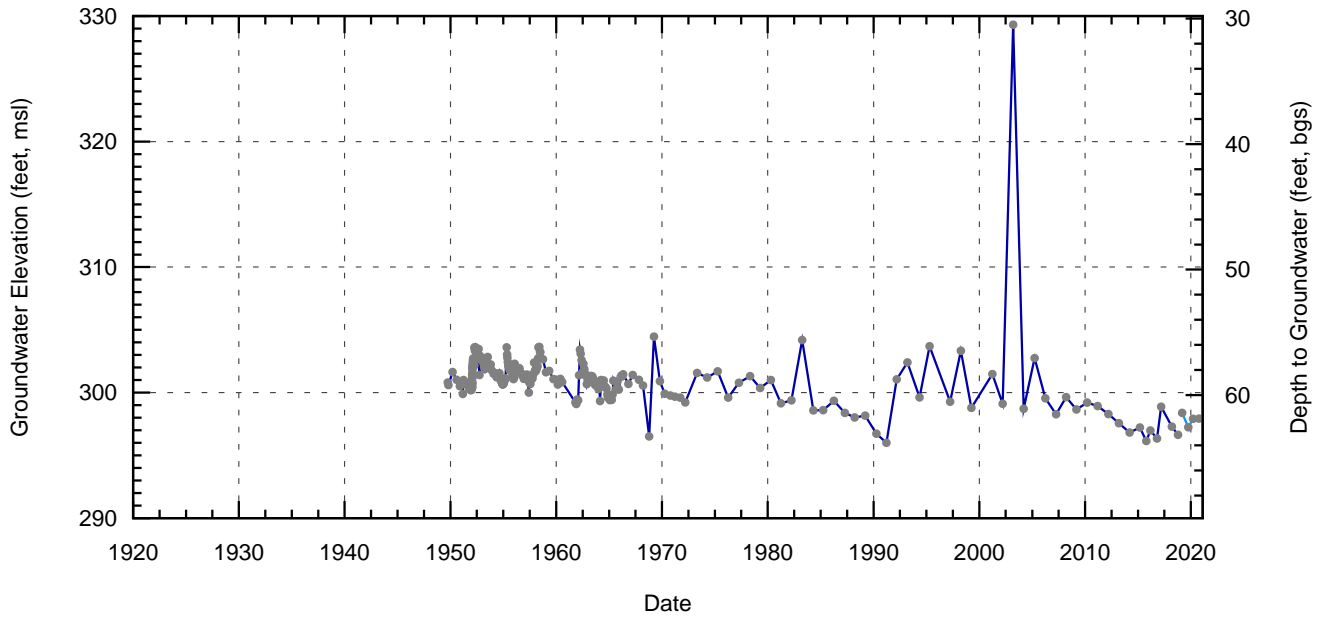
USBR Node 15 [6N/32W-11L02] (DBID 1117)

Upper Aquifer



6N/32W-2Q1 (DBID 91)

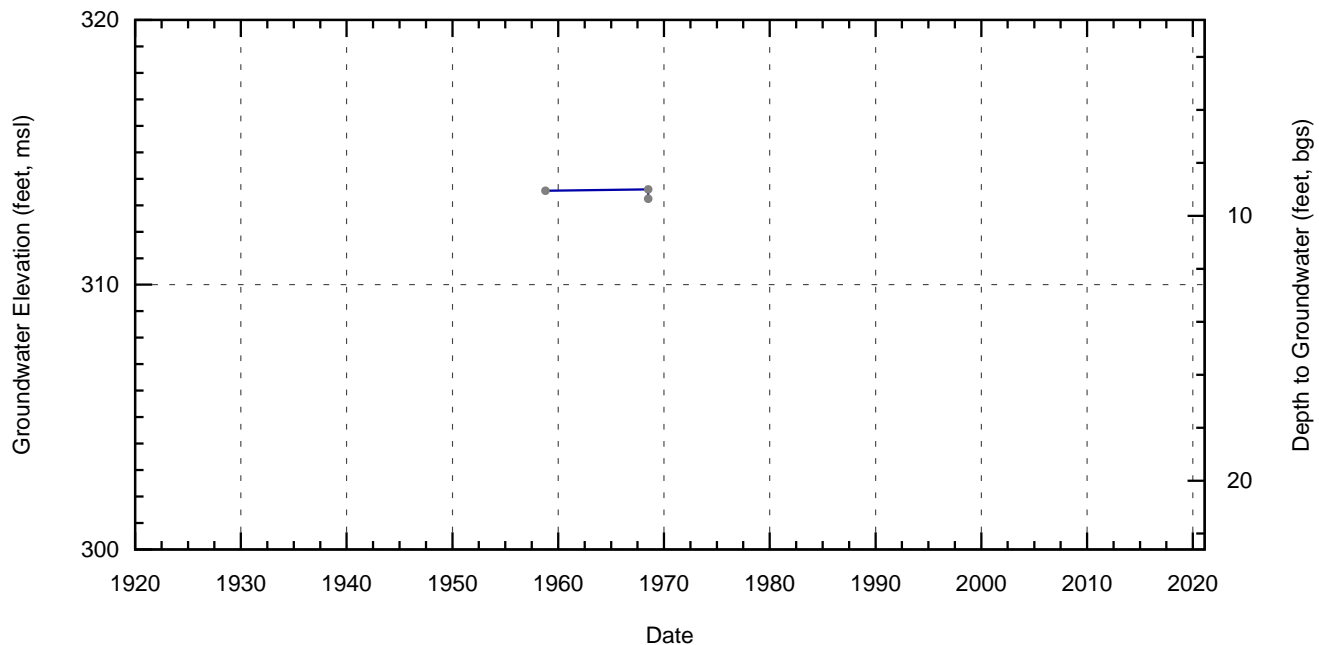
Upper Aquifer



# CMA: Santa Ynez River

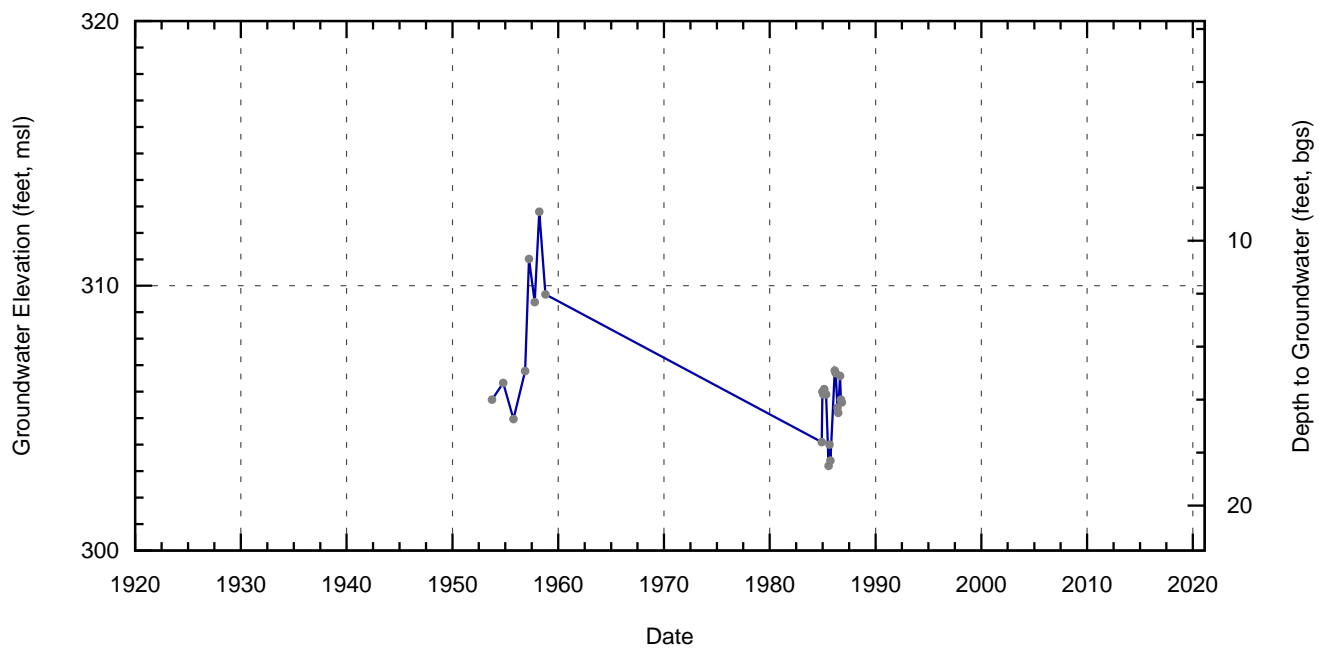
6N/32W-12P10 (DBID 257)

Lower Aquifer



USBR Node 15 [6N/32W-12P08] (DBID 1116)

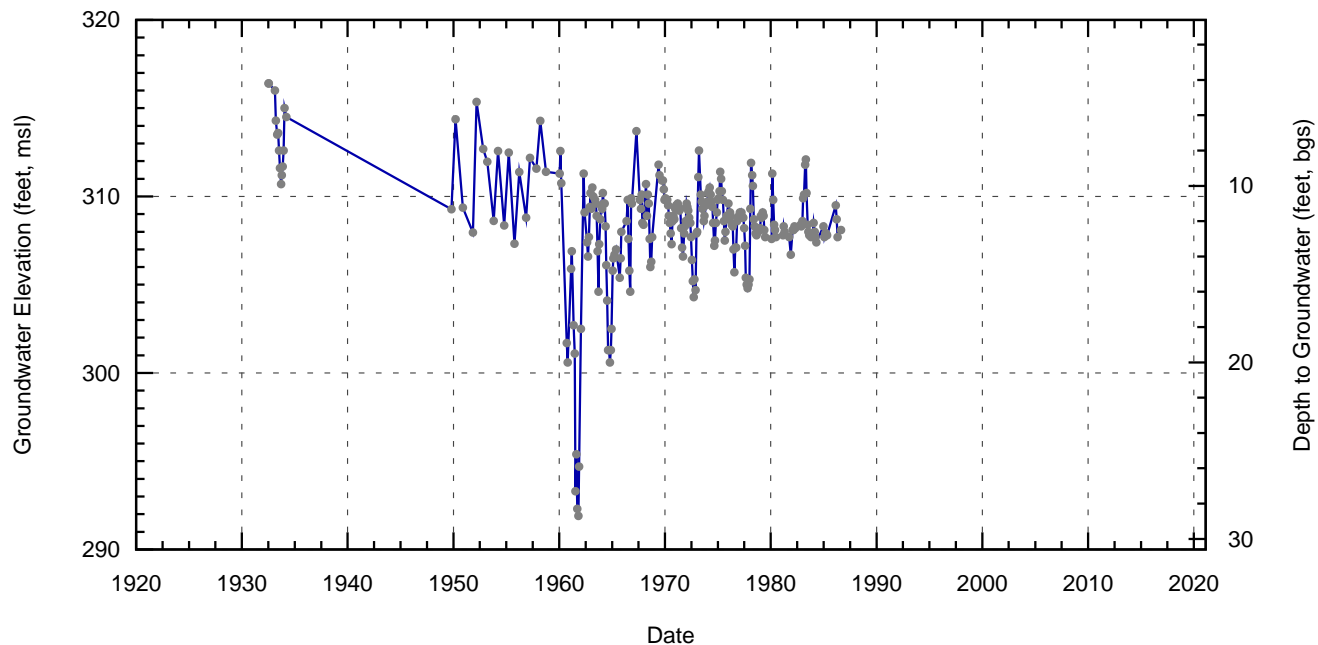
Lower Aquifer



# CMA: Santa Ynez River

6N/32W-12Q1 (DBID 195)

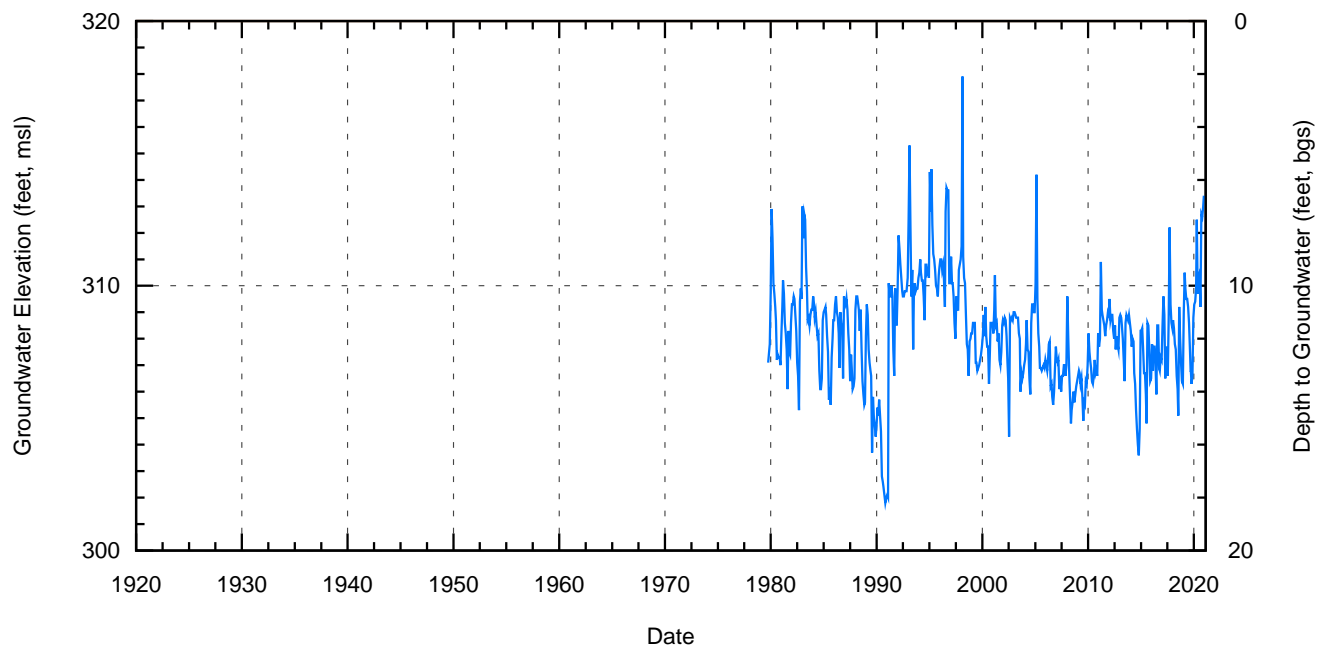
Lower Aquifer



Land Surface (320.6 +/- 0.1 ft, msl) —  
Well Depth (50 ft, bgs) —  
USGS WL (343631120120201) —●—

USBR Node 15 [6N/32W-13G02] (DBID 1115)

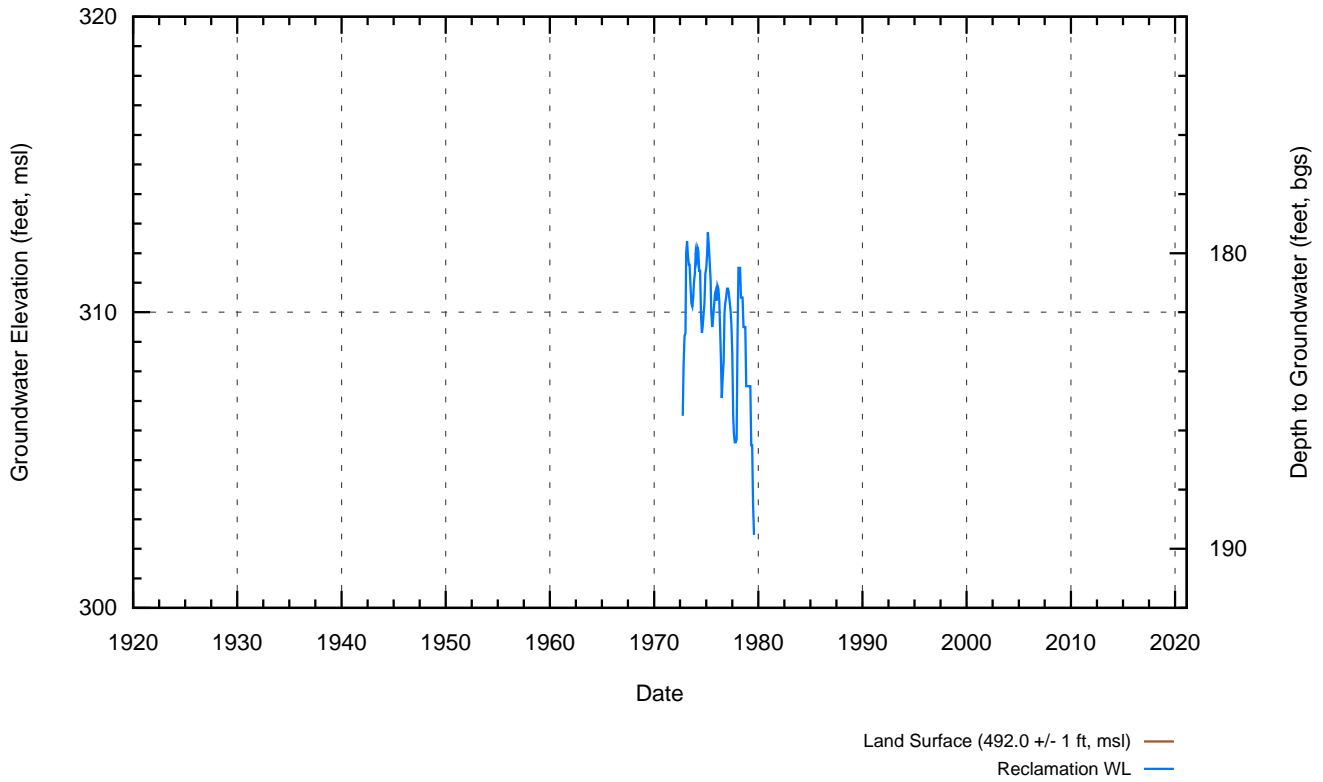
Upper Aquifer



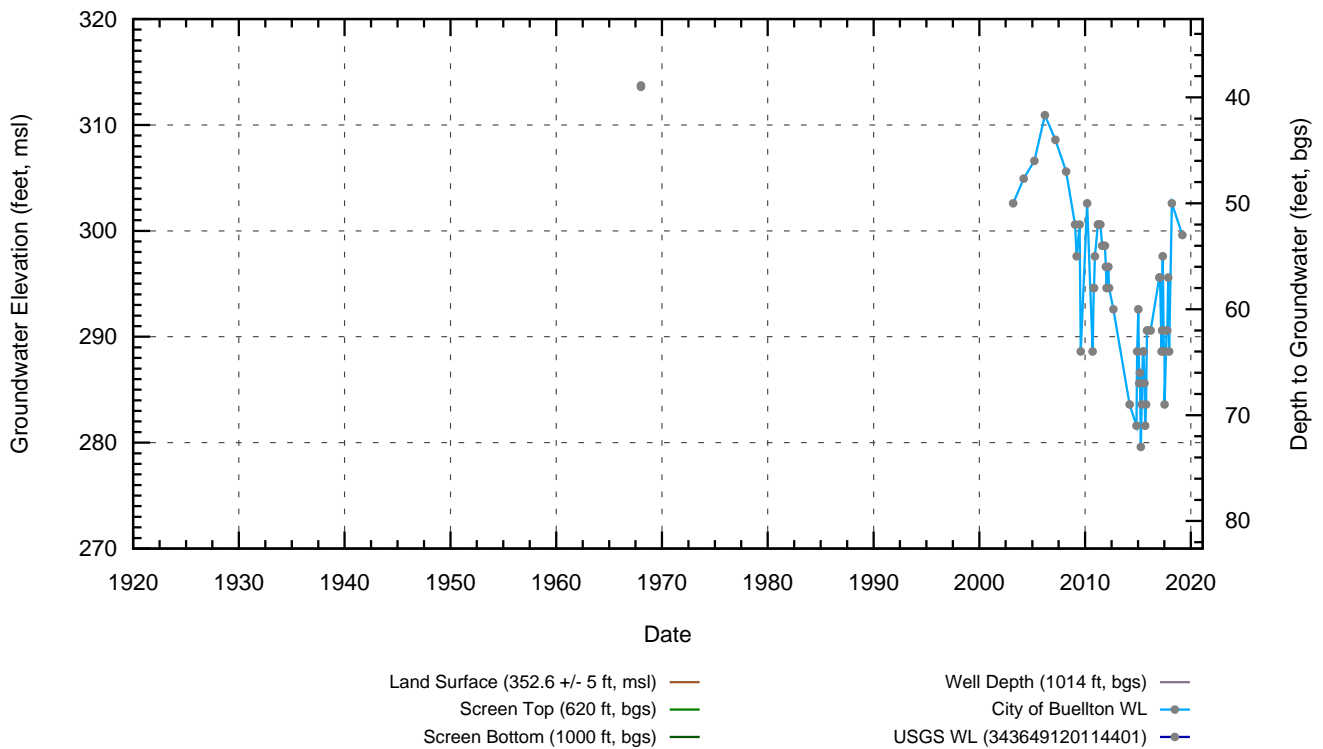
Land Surface (320.0 +/- 0.1 ft, msl) —  
Well Depth (43 ft, bgs) —  
Reclamation WL —

# CMA: Santa Ynez River

USBR Node 15 [6N/32W-13G01] (DBID 1186)



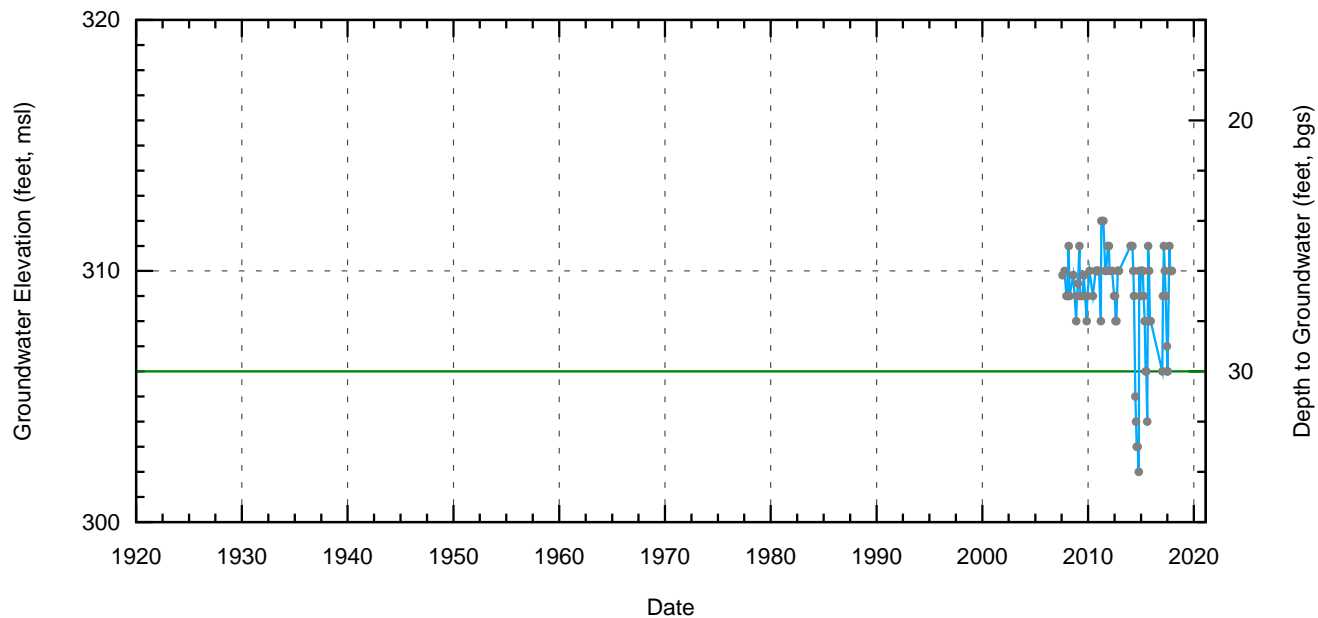
Buellton Well 09 [6N/32W-12K02] (DBID 909)  
Lower Aquifer



# CMA: Santa Ynez River

Buellton Well 08 [6N/31W-7] (DBID 908)

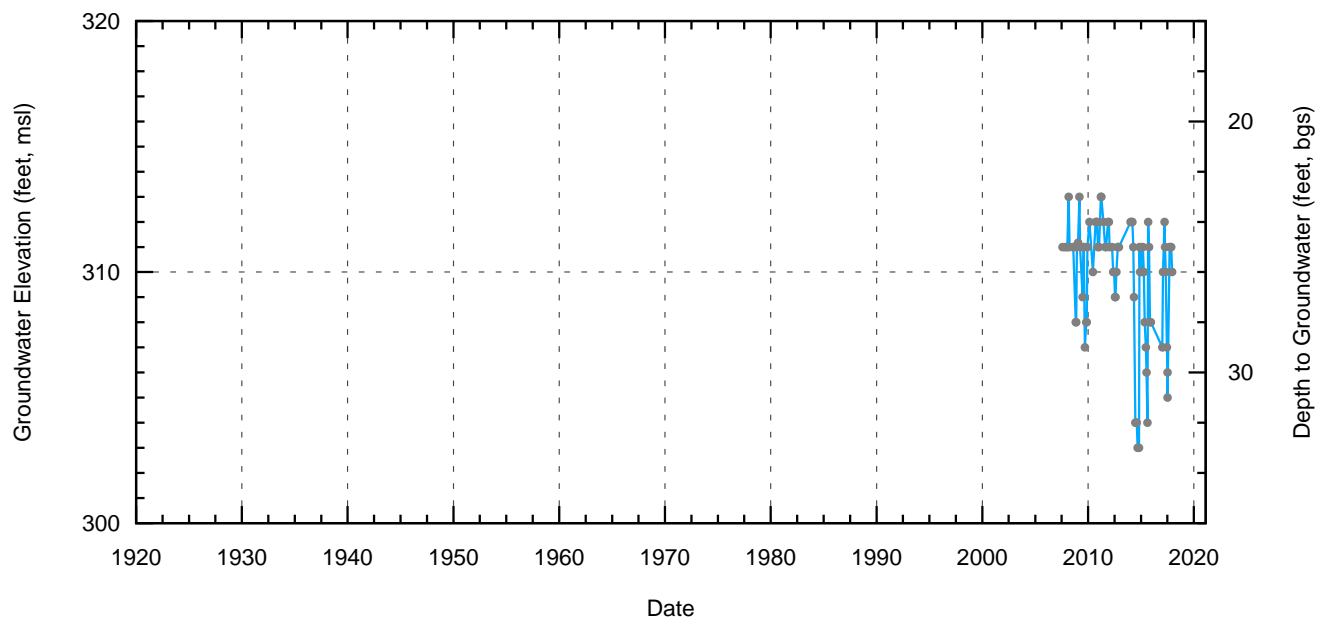
Upper Aquifer



Land Surface (336.0 +/- 10 ft, msl) —  
 Screen Top (30 ft, bgs) —  
 Screen Bottom (60 ft, bgs) —  
 City of Buellton WL —●—

Buellton Well 07 [6N/31W-7] (DBID 907)

Upper Aquifer

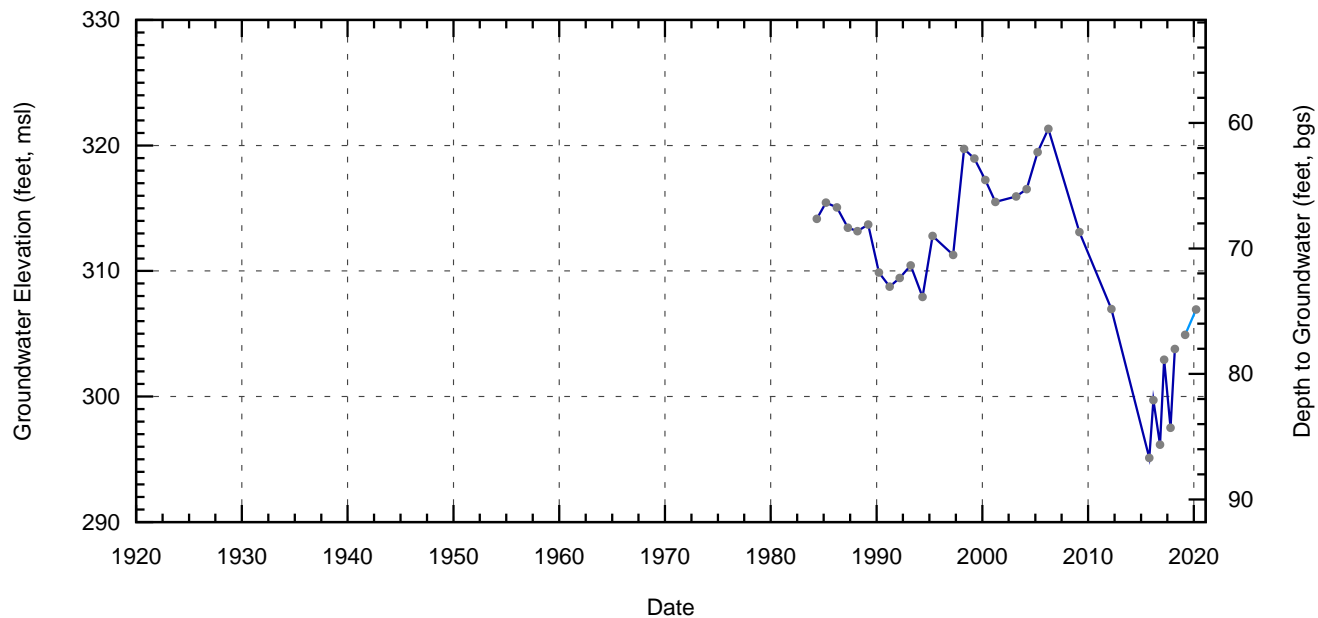


Land Surface (336.0 +/- 20 ft, msl) —  
 Screen Top (46 ft, bgs) —  
 Screen Bottom (62 ft, bgs) —  
 City of Buellton WL —●—

# CMA: Santa Ynez River

6N/31W-7F1 (DBID 90)

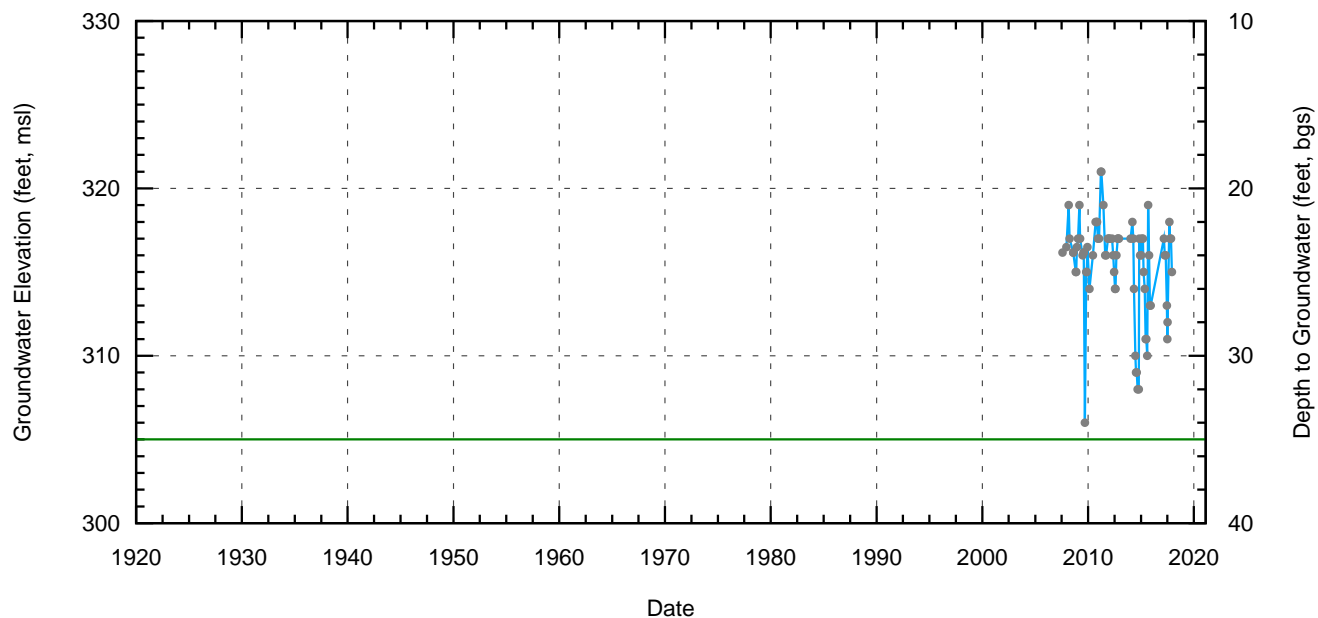
Lower Aquifer



Land Surface (381.8 +/- 0.03 ft, msl)  
Well Depth (700 ft, bgs)  
County of Santa Barbara WL  
USGS WL (343655120111201)

Buellton Well 03 [6N/31W-7] (DBID 903)

Upper Aquifer

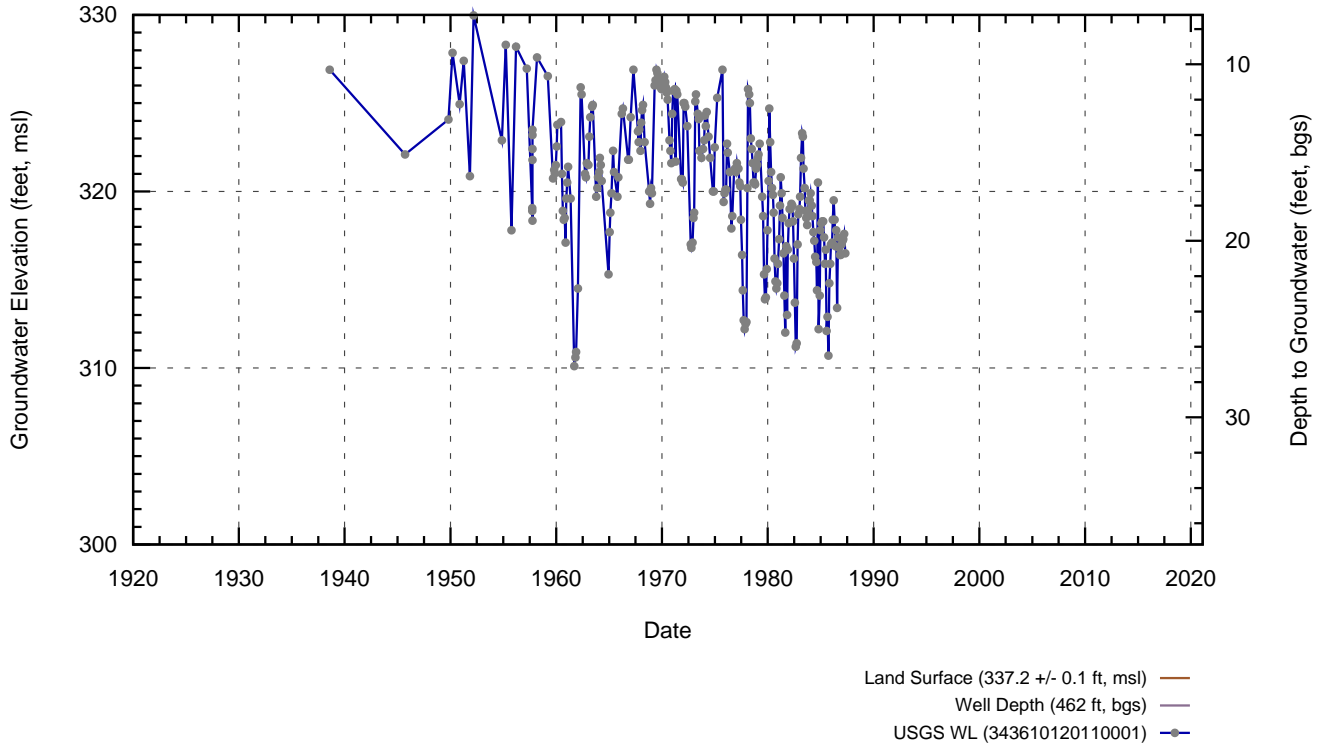


Land Surface (340.0 +/- 20 ft, msl)  
Screen Top (35 ft, bgs)  
Screen Bottom (77 ft, bgs)  
City of Buellton WL

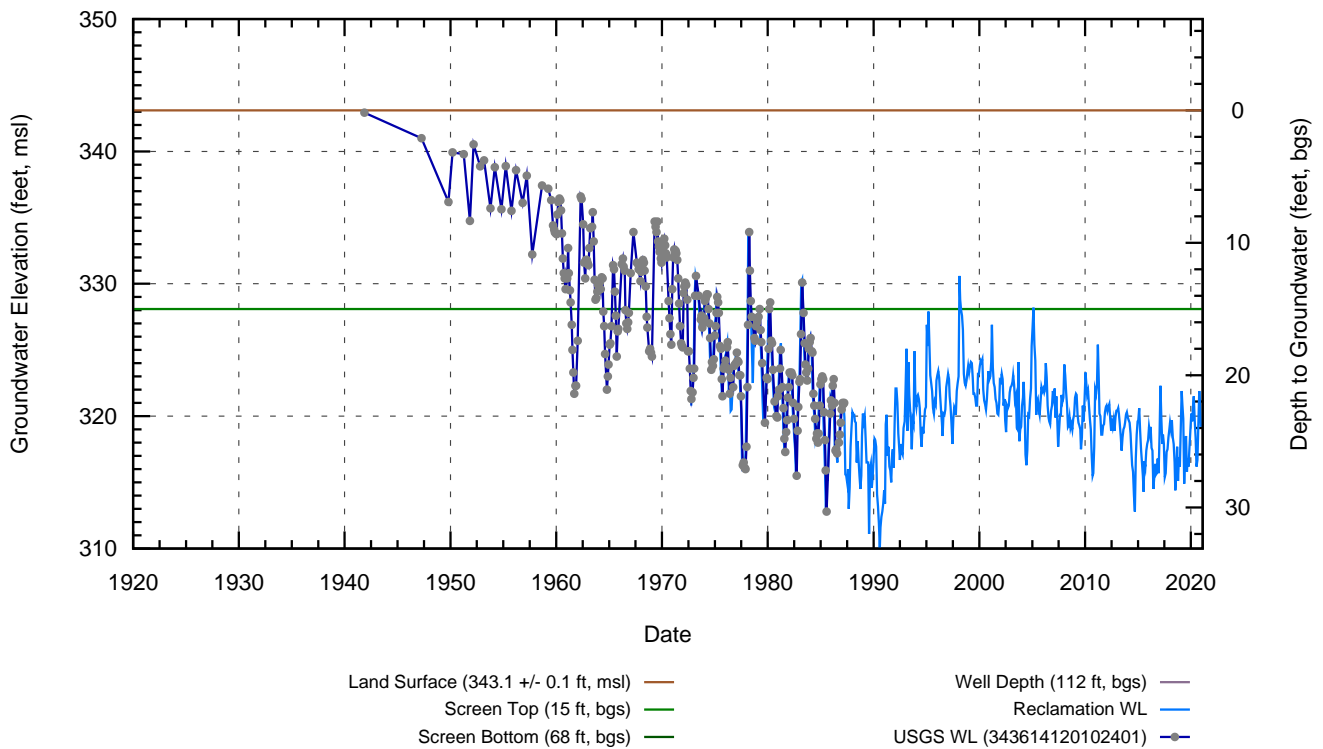


# CMA: Santa Ynez River

USBR Node 16 [6N/31W-18G01] (DBID 1114)  
Upper Aquifer



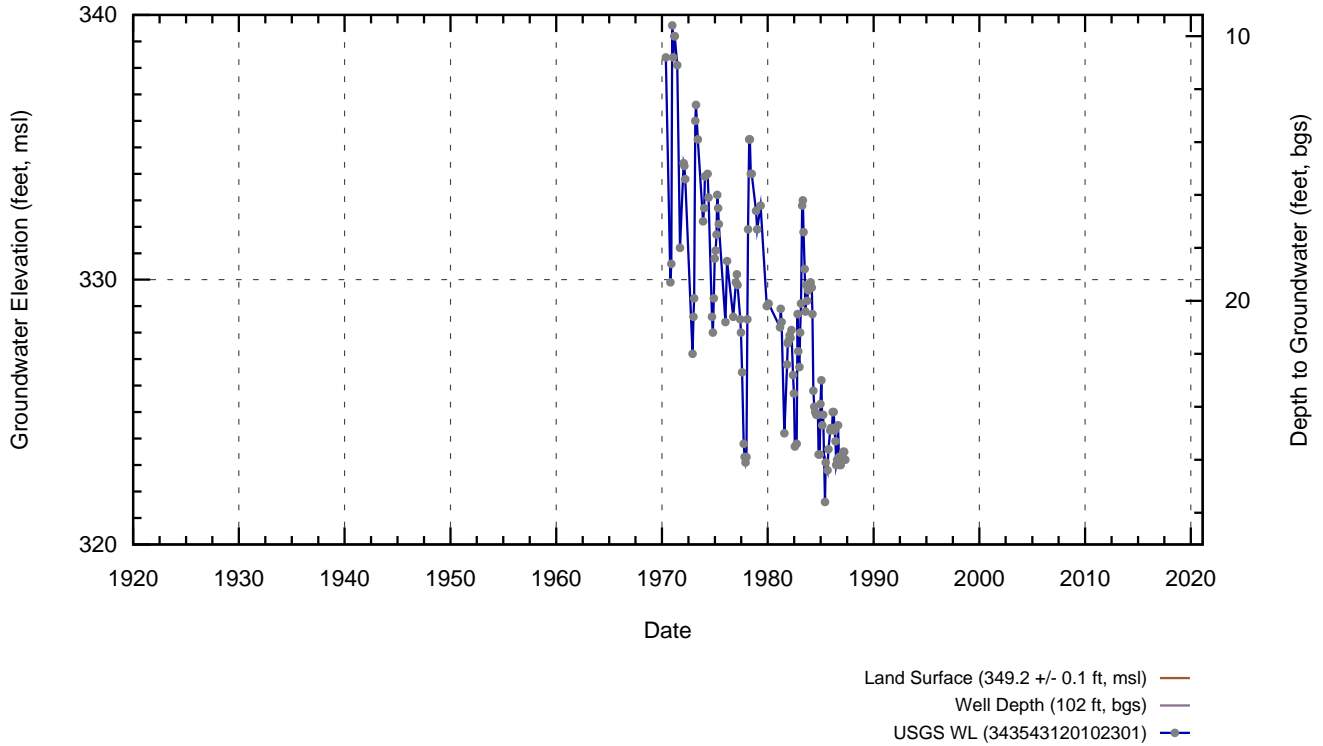
USBR Node 16 [6N/31W-17D01] (DBID 1113)  
Upper Aquifer



# CMA: Santa Ynez River

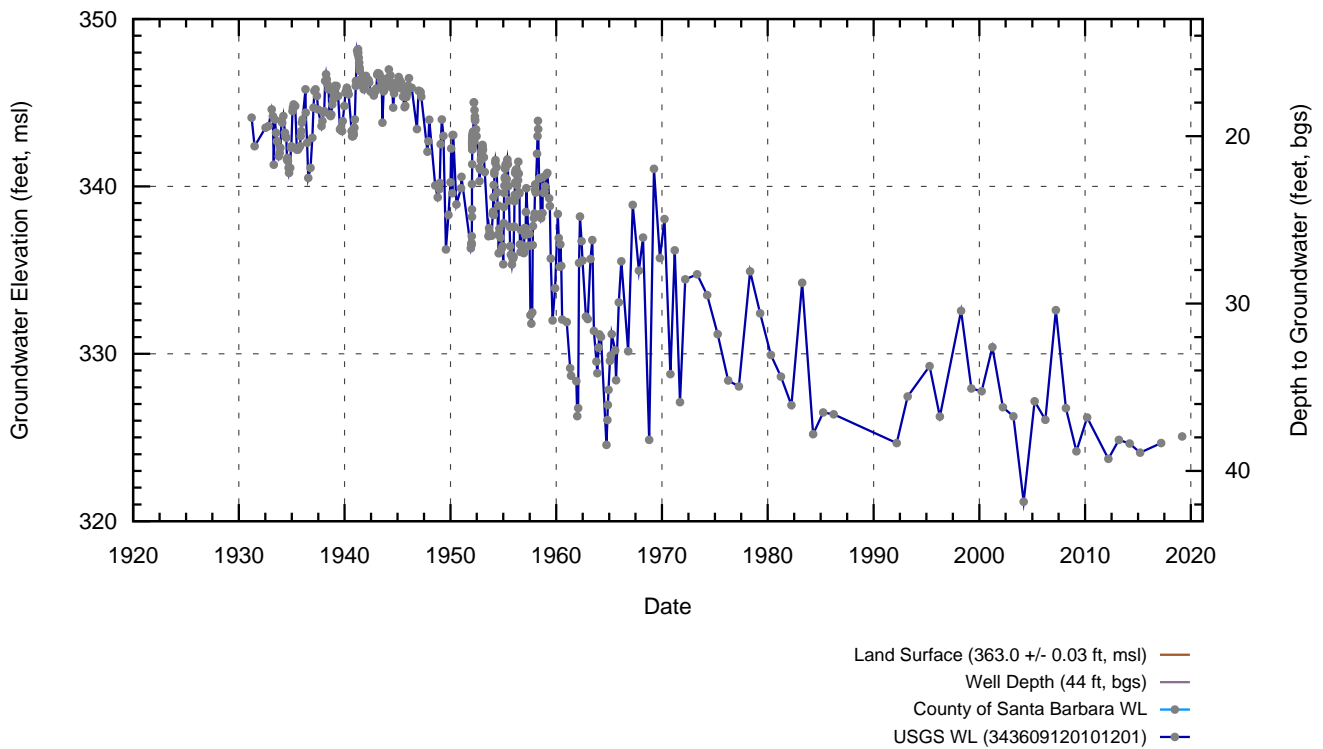
USBR Node 17 [6N/31W-17N02] (DBID 1112)

Upper Aquifer



6N/31W-17F1 (DBID 85)

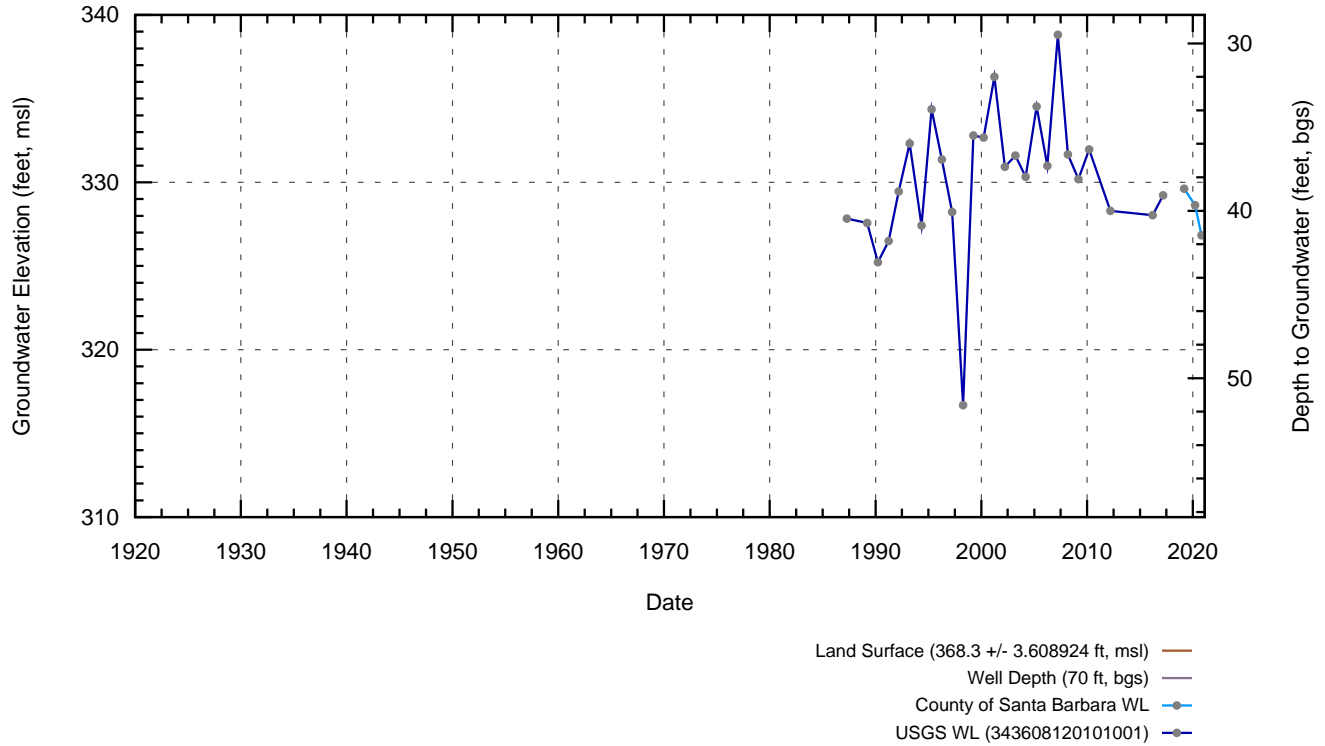
Upper Aquifer



# CMA: Santa Ynez River

6N/31W-17F3 (DBID 86)

Upper Aquifer



USBR Node 17 [6N/31W-17R01] (DBID 1111)

Upper Aquifer

