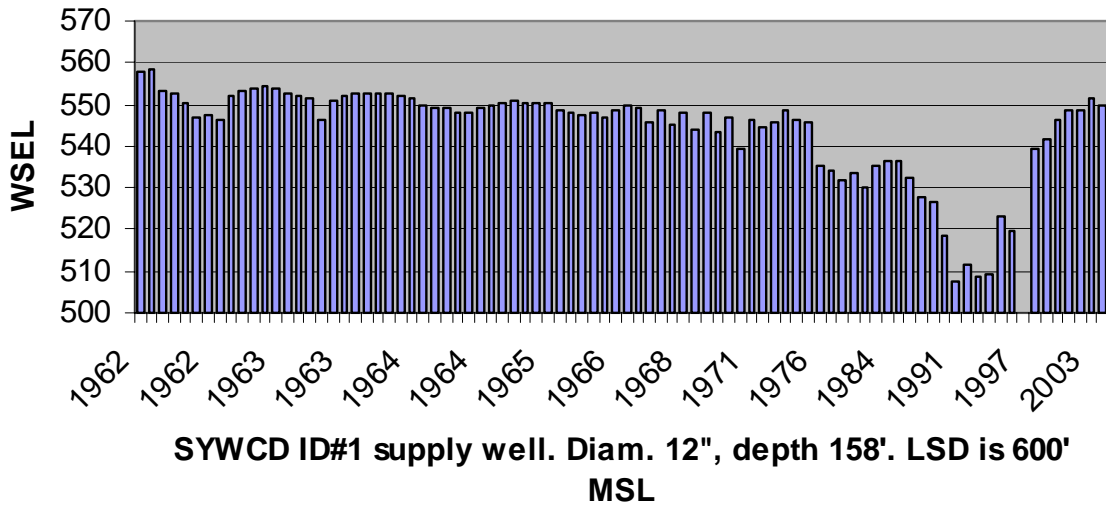


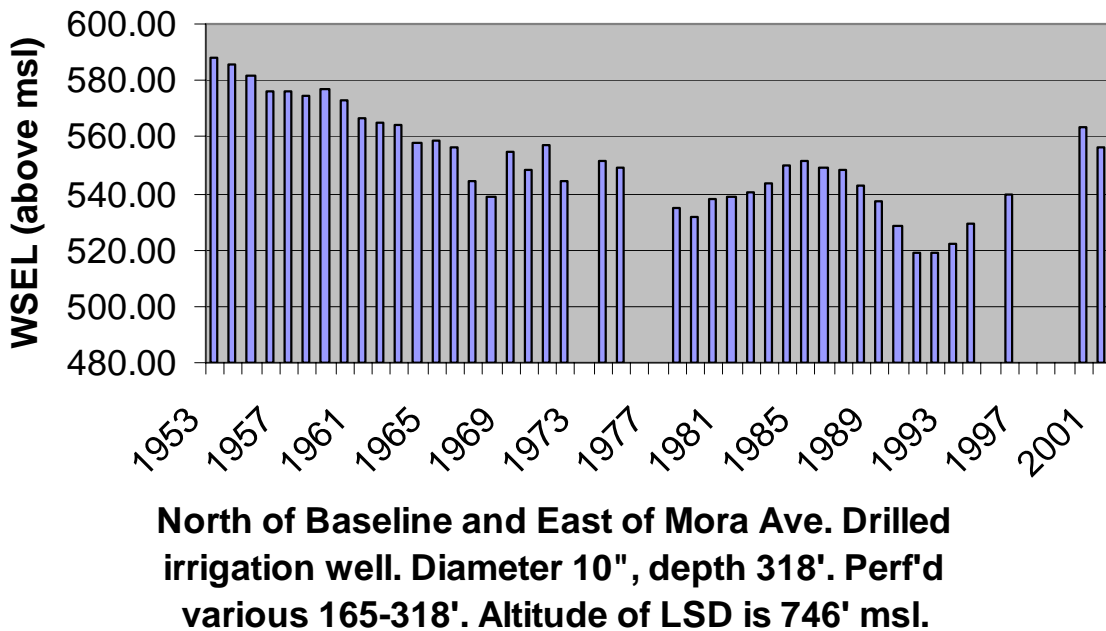
## Appendix A- Selected Hydrographs



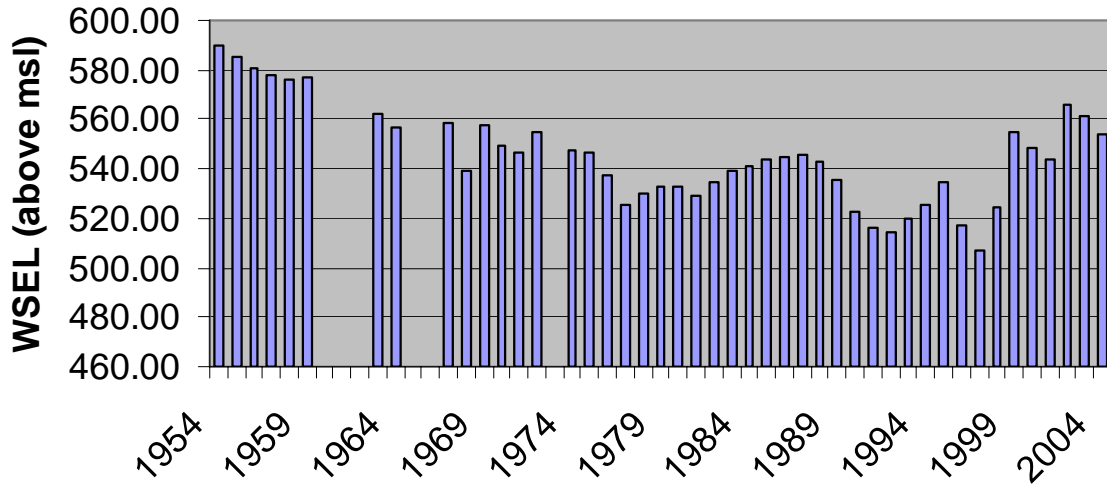
### Santa Ynez Basin - 6N/30W-7G5



### Santa Ynez Basin 7N/30W-33M2

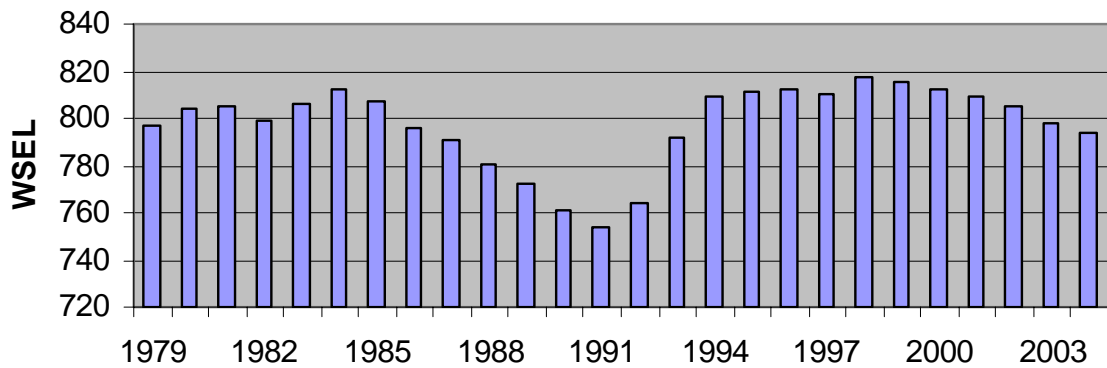


## Santa Ynez Basin - 7N/30W-29N2



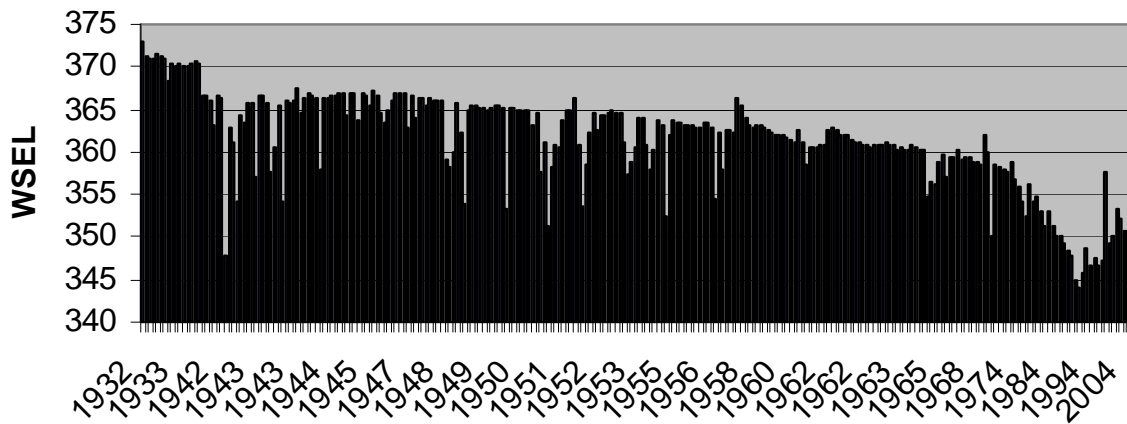
Drilled irrigation well, diameter 16", depth 485'.  
Altitude of land surface datum is 820' msl.

## Santa Ynez Basin - 7N/31W-23P1



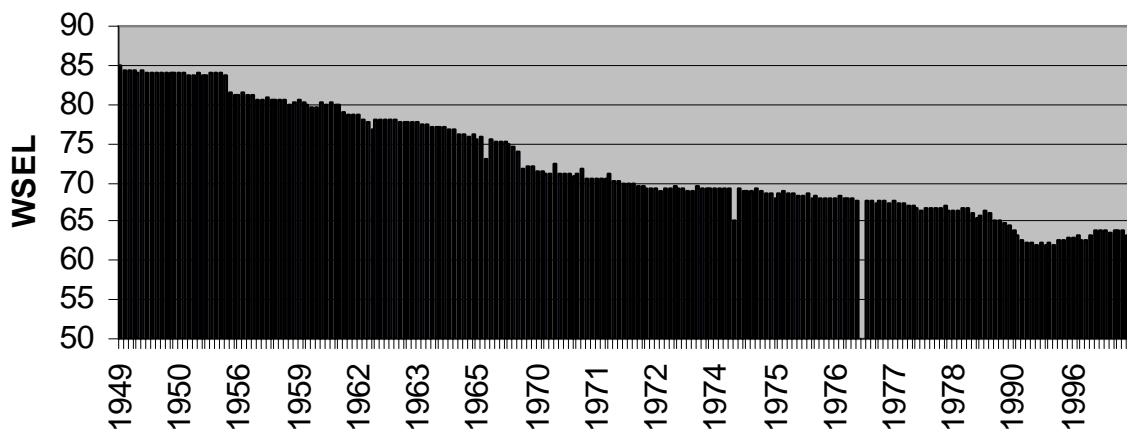
In Los Olivos 450' E of Alamo Pintado Ck. Drilled irrigation well. Diam. 8", depth 141'. LSD is 822' MSL

### Buellton Uplands Basin - 6N/32W-6K1



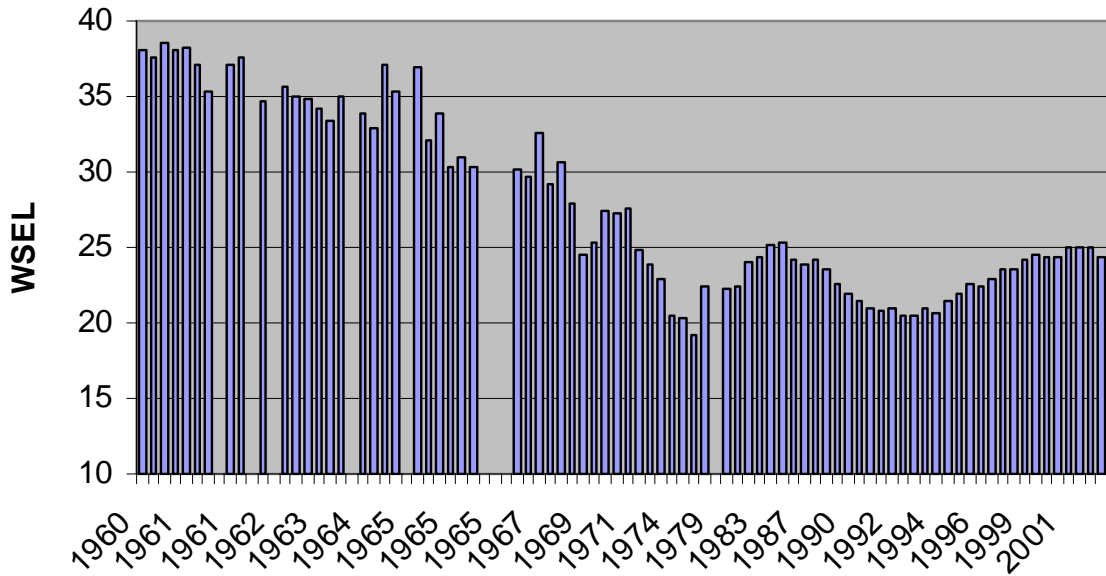
6 mi. W of Buellton S of hwy 246 and W of Mail Rd. Drilled domestic well. Diam. 12", depth 74'. LSD is 383.55 MSL

### Lompoc Uplands Basin - Well 7N/34W-12E1



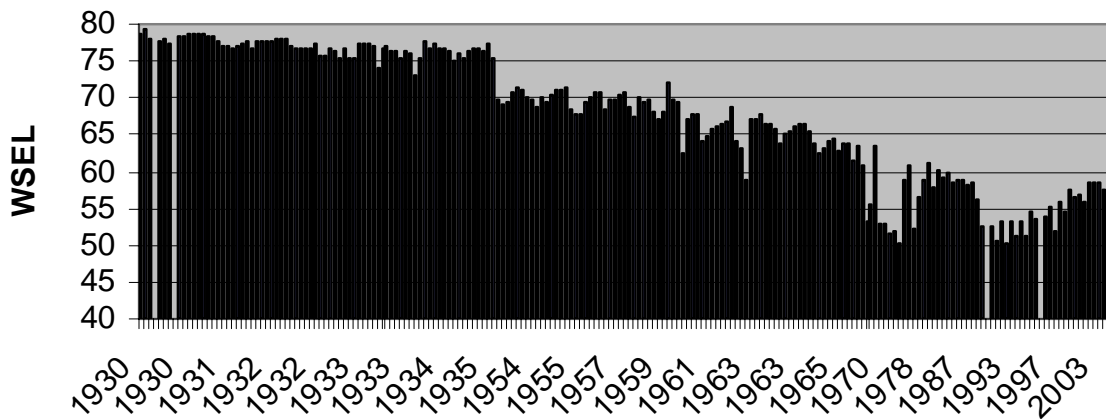
N of Mission Hills, 75 ft. NW of Oil Co. Rd., .95 mi. E and NE from Rucker Rd.

### Lompoc Uplands Basin - Well 7N/34W-9H5



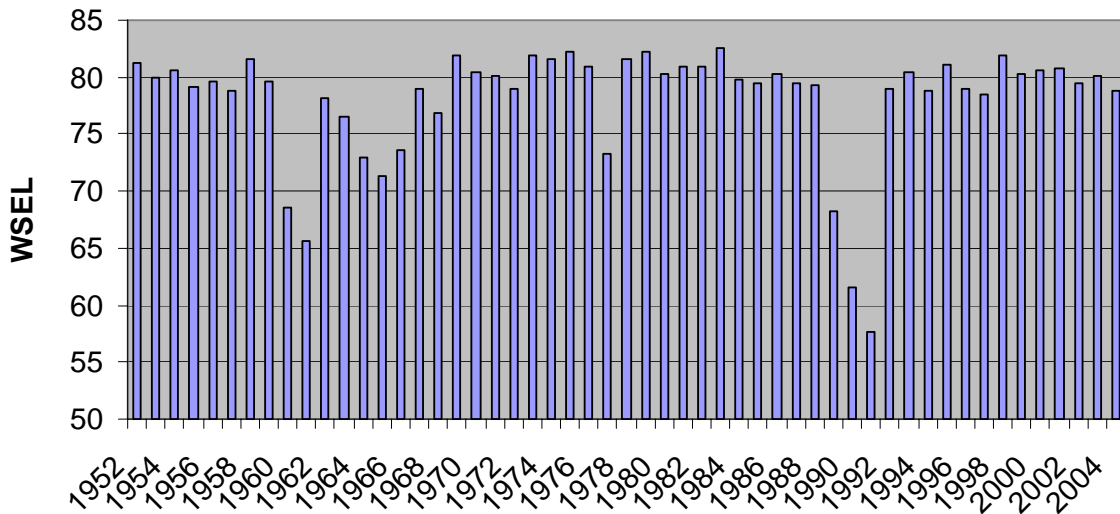
From Vandenberg Village Country Club parking lot S on the golf cart Rd. to well S side of large tank

### Lompoc Basin - Well 7N/34W-24N1



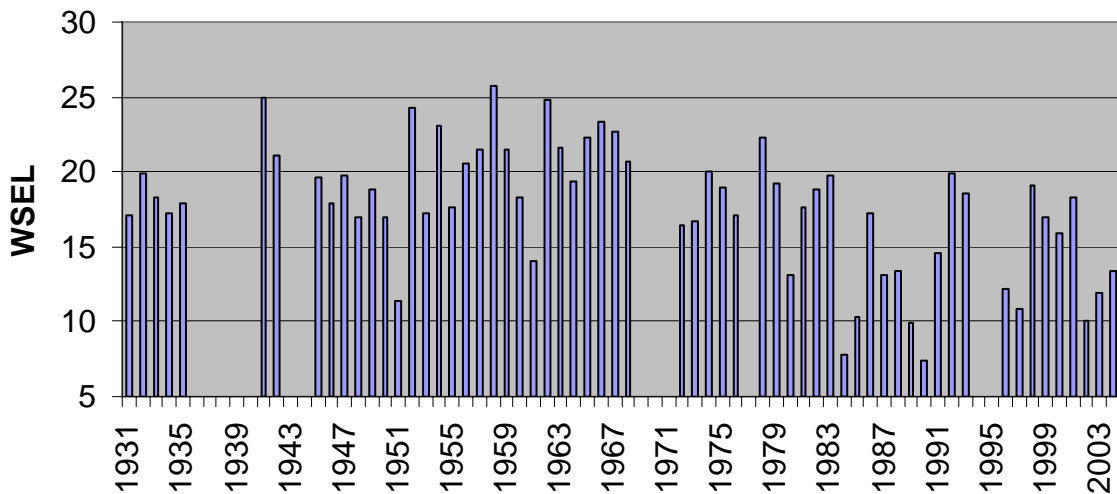
W of Purisima Mission entrance 150 ft. and 80 ft. N of Lompoc-Casmalia Rd.

### Lompoc Basin 7N/34W-35K9



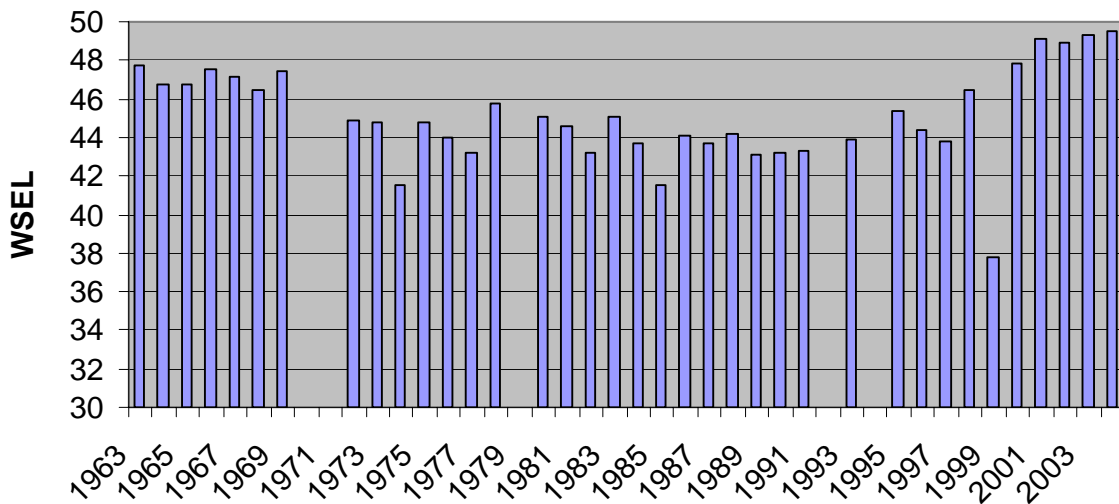
Drilled irrigation well. Diam. is 16", depth is 128'. LSD is 101'.  
Perf's 52-80', 112-124'

### Lompoc Basin 7N/35W-22J1



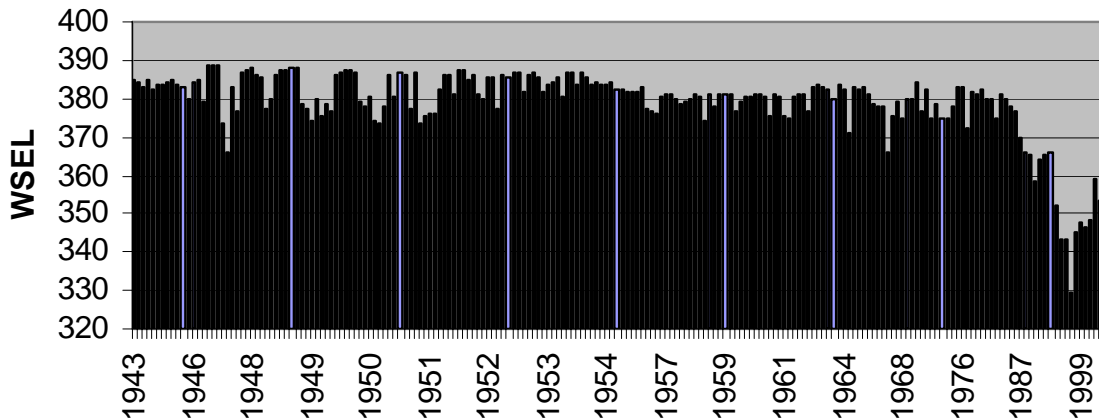
Drilled irrigation well. Diam. is 16", depth 182'. LSD is 31.8'.  
Perforated 133-180'

### Lompoc Terrace 7N/35W-27P1



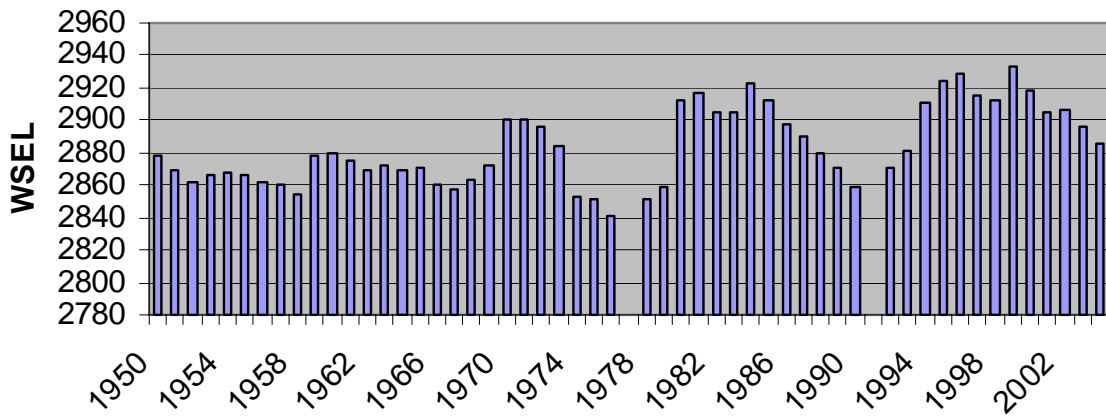
On VAFB, drilled observation well. Diam. is 6", depth is 677'.  
LSD is about 270'. Perforated 263-577'.

### San Antonio Basin - 8N/33W-20R1



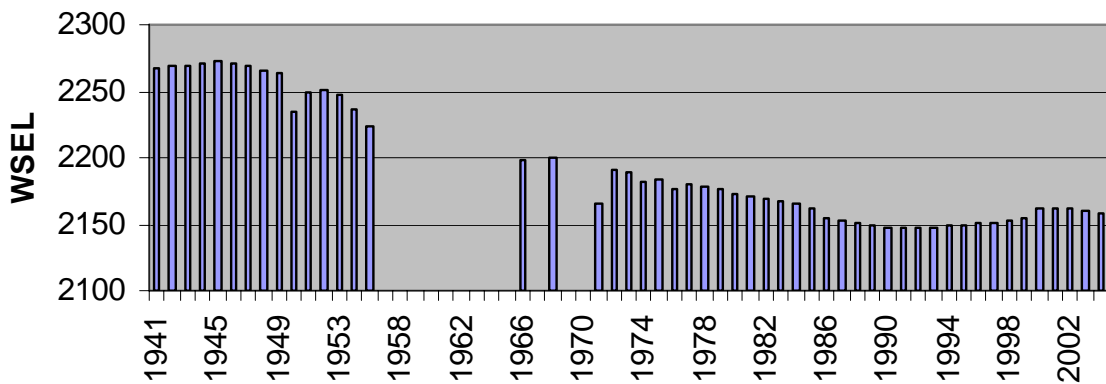
W of Los Alamos on Batchelder Rd. and 50' S of Hwy 135.  
Drilled water table well. Diam 10", depth 75'. LSD 410' MSL

### Upper Cuyama Basin 9N/24W-33M1



Quatal Cyn. nr Ventucopa. Diam. 13", depth 233'. LSD is 3049'

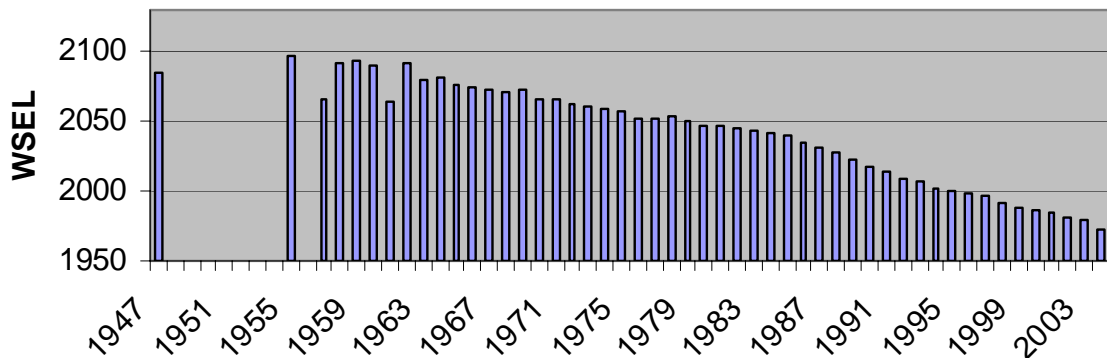
### Cuyama Basin - 10N/25W-30F1



60' W of Kirchenmann Rd. and .84 mi. S of hwy 166. Drilled unused well. Diam 16", depth 212' in 1970. Perf'd 124-370'. LSD is 2320' MSL

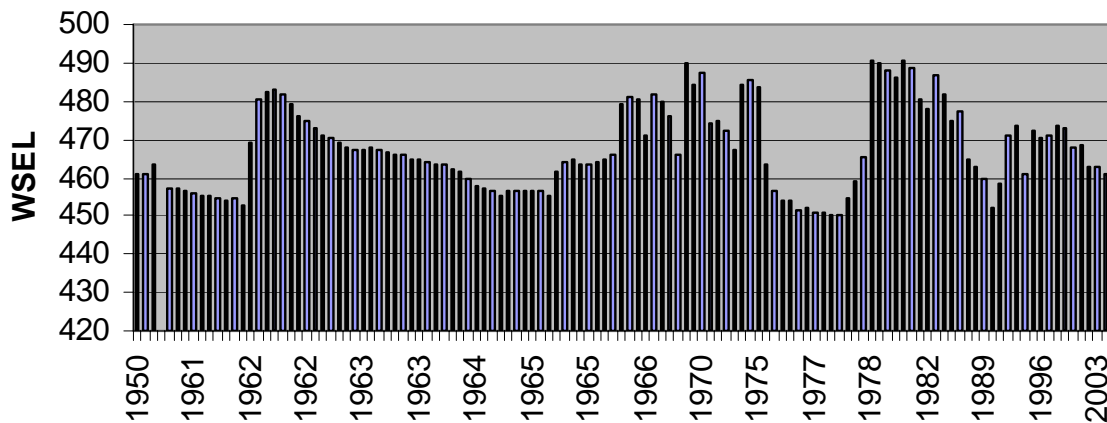


### Cuyama Basin - 10N/26W-4R1



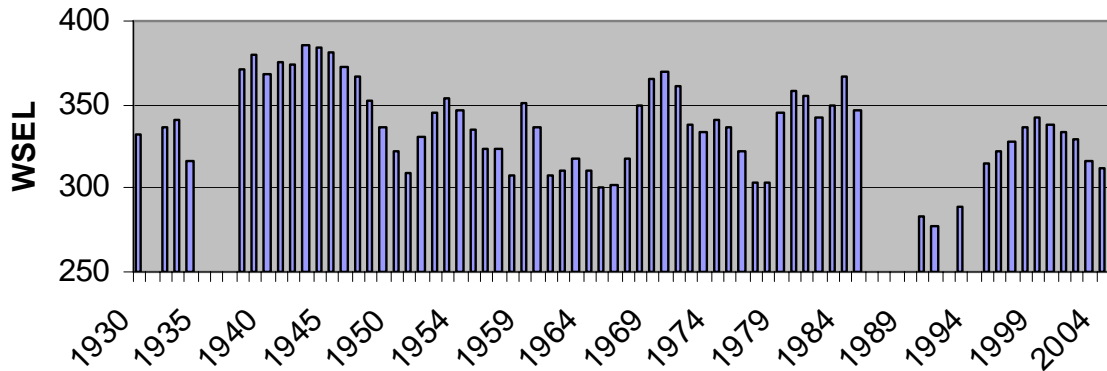
On Russel Ranch .64 mi. N of Cuyama R. crossing. Next to water tower. Drilled domestic well. Diam. 16", depth 238', perf'd 108-232'. LSD 2116' MSL

### Santa Maria Basin - 9N/32W-22D1



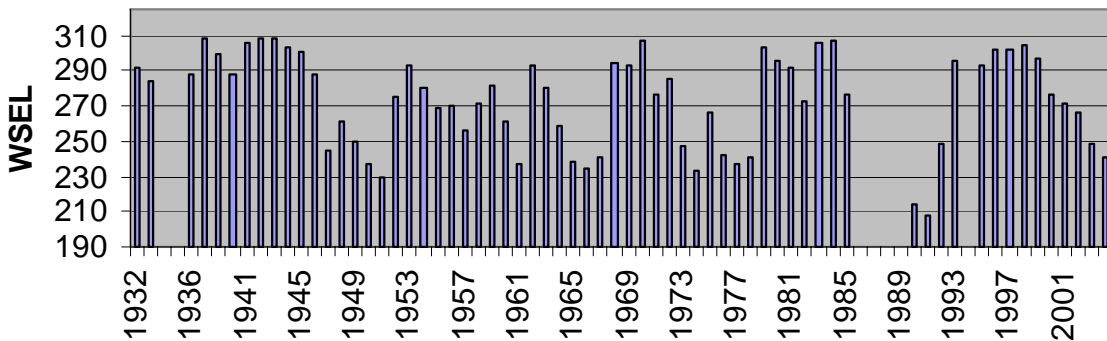
3.5 mi. SE of Sisquoc and .2 mi. E of Foxen Cyn. Rd. Drilled irrigation well. Diam. 14", depth 203' (1992). LSD is 495' MSL

### East Santa Maria Basin 9N/33W-12R2



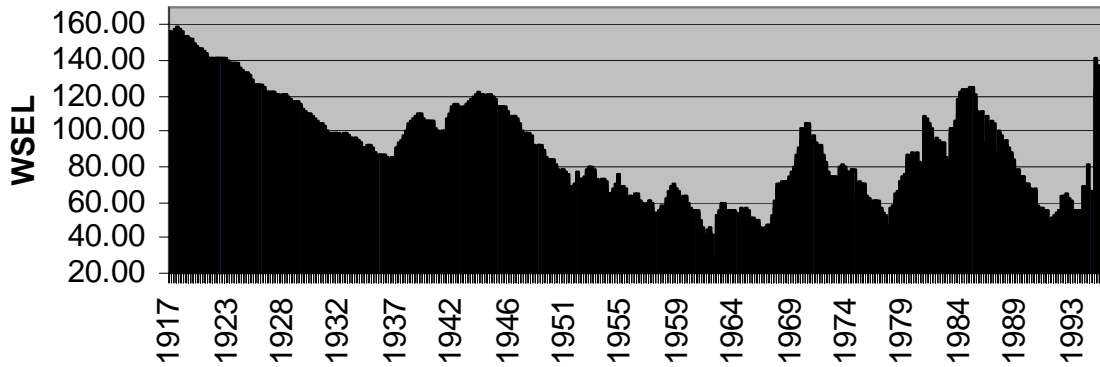
In Sisquoc, across from Blockman Union School. Drilled irrigation well. Diam. is 16", depth is 640'. LSD is 427'. Perf's 190-630'. Appended to record 9N/32W-7N1

### Santa Maria Basin - 10N/33W-27G1



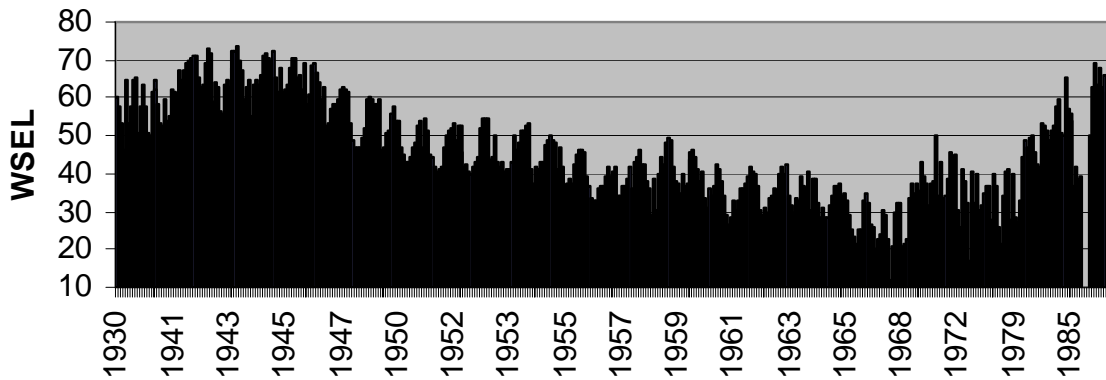
6000' NW of Fugler Pt. and .5 mi. N of Betteravia Rd. Drilled domestic water table well. Diam. 16", depth 272'. Perf'd 140-180' and 240-260'. LSD is 338' MSL

### Santa Maria Basin - 10N/34W-14E5



In Santa Maria City @ Simas Park. Drilled public supply well. Diam 16", depth 322'. Lsd is 221'. Perf's 150-188' and 312-322'

### Santa Maria Basin - 11W/35W-33G1



Near Guadalupe .15 mi. E of Jct. hwy 1 and Division St. Drilled irrigation well. Diam. unknown. Depth 141'. LSD is 90' MSL

## Appendix B - Depth to Groundwater for selected wells 2001-2005

| Well Number | Altitude of Land Surface (ft.) | 2005           | 2004          | 2003          | 2002          | 2001           |
|-------------|--------------------------------|----------------|---------------|---------------|---------------|----------------|
| 4N/25W-19F4 | 105                            | 4/27 - 73.30   | 4/29 - 84.50  | 3/28 - 78.90  | 4/3 - 79.95   | 3/20 - 72.34   |
| 4N/25W-28M1 | 53                             | 4/28 - 29.33   | 4/29 - 38.13  | 3/31 - 18.03  | 4/3 - 15.03   | 3/21 - 12.42   |
| 4N/25W-30D1 | 7                              | 4/27 - flowing | 4/29 - 1.00   | 3/28 - 0.50   | 4/3 - flowing | 3/20 - flowing |
| 4N/25W-34G1 | 188                            | 4/28 - 98.20   | 4/29 - 98.50  | pumping       | 3/21 - 102.35 | 3/21 - 102.35  |
| 4N/26W-15D2 | 255                            | 6/5 - 9.08     | SPR - 36.75   | 5/23 - 9.58   | NA            | APR - 3.92     |
| 4N/26W-17N1 | 104                            | 6/5 - 69.83    | SPR - 76.00   | 5/27 - 72.16  | 6/13 - 71.92  | APR - 69.42    |
| 4N/26W-23F6 | 65.24                          | NA             | discontinued  | 5/27 - 70.16  | 6/13 - 54.25  | APR - 50.83    |
| 4N/26W-8L1  | 250                            | NA             | SPR - 0.00    | 5/23 - 0.00   | 6/13 - 3.92   | APR - 12.33    |
| 4N/26W-8P3  | 220                            | 6/5 - 38.58    | SPR - 45.58   | 5/23 - 32.92  | 6/13 - 43.08  | APR - 21.75    |
| 4N/27W-13R1 | 38.63                          | SPR - 25.12    | SPR - 27.58   | MAR - 25.70   | 6/13 - 25.25  | APR - 25.15    |
| 4N/27W-14P1 | 18                             | APR - -6.99    | APR - 6.29    | obstructed    | obstructed    | obstructed     |
| 4N/27W-14R1 | 27.84                          | obstructed     | obstructed    | obstructed    | obstructed    | APR - 0.03     |
| 4N/27W-15E1 | 145                            | APR - 79.60    | APR - 80.34   | MAR - 90.18   | MAR - 79.31   | APR - 78.61    |
| 4N/27W-18Q1 | 110                            | APR - 10.48    | APR - 12.56   | MAR - 12.52   | MAR - 12.35   | APR - 12.37    |
| 4N/27W-21B1 | 68                             | APR - 31.75    | APR - 34.70   | MAR - 45.36   | MAR - 36.26   | APR - 30.84    |
| 4N/27W-22Q1 | 13                             | APR - 3.10     | APR - 3.75    | MAR - 3.77    | MAR - 3.71    | APR - 3.02     |
| 4N/27W-8E1  | 251                            | APR - 94.66    | obstructed    | MAR - 96.72   | MAR - 98.72   | APR - 100.42   |
| 4N/28W-12P5 | 105                            | Discontinued   | discontinued  | discontinued  | discontinued  | NA             |
| 4N/28W-16R2 | 22                             | 6/21 - 7.65    | 6/22 - 11.48  | 6/12 - 10.95  | 6/19 - 16.31  | 6/19 - 14.15   |
| 4N/28W-2N2  | 177.9                          | 6/20 - 28.00   | 6/23 - 33.31  | 6/12 - 29.31  | 6/19 - 31.16  | 6/20 - 29.61   |
| 4N/28W-5R1  | 131                            | 6/21 - 16.52   | 6/23 - 20.54  | NA            | 6/18 - 21.69  | 6/20 - 21.68   |
| 4N/28W-9A3  | 84.1                           | 6/21 - 21.34   | 6/23 - 34.83  | 6/13 - 36.07  | 6/18 - 36.95  | 6/20 - 38.84   |
| 4N/28W-9G3  | 60.18                          | 6/21 - 38.21   | 6/23 - 43.49  | 6/12 - 46.35  | 6/18 - 46.69  | 6/20 - 55.31   |
| 6N/30W-7G5  | 600                            | 3/23 - 47.87   | 3/17 - 50.32  | 3/26 - 48.59  | 3/28 - 51.38  | 3/27 - 51.38   |
| 6N/31W-7F1  | 385                            | 3/21 - 62.33   | 3/11 - 65.28  | 3/17 - 65.87  | 3/25 - 64.66  | 3/26 - 66.29   |
| 6N/32W-2Q1  | 359                            | 3/21 - 57.04   | 3/11 - 61.08  | 3/17 - 60.50  | 3/20 - 60.69  | 3/26 - 58.32   |
| 6N/32W-6K1  | 384                            | 3/21 - 31.78   | 3/16 - 33.20  | 3/20 - 32.93  | 3/20 - 31.27  | 3/26 - 30.23   |
| 7N/30W-33M2 | 746                            | Discontinued   | discontinued  | 3/25 - 179.24 | 4/2 - 177.42  | 3/28 - 189.59  |
| 7N/30W-35R1 | 880                            | 3/31 - 207.54  | 3/19 - 193.94 | 3/27 - 185.98 | 4/1 - 174.14  | 3/29 - 171.35  |
| 7N/31W-23P1 | 822                            | 3/23 - 26.79   | 3/11 - 28.48  | 3/19 - 24.37  | 3/25 - 16.60  | 3/27 - 12.69   |
| 7N/31W-36L2 | 721                            | 3/23 - 35.59   | 3/17 - 34.16  | 3/25 - 30.26  | 3/25 - 27.29  | 3/28 - 25.09   |
| 7N/32W-31M1 | 450                            | 3/21 - 46.44   | 3/16 - 44.99  | 3/20 - 43.56  | 3/20 - 40.56  | 3/26 - 41.51   |
| 7N/33W-21N1 | 360                            | 3/21 - 297.64  | 3/16 - 298.43 | 3/18 - 300.55 | 3/20 - 300.99 | 3/22 - 300.46  |
| 7N/33W-36J1 | 495                            | 3/21 - 130.22  | 3/16 - 126.35 | 3/20 - 128.34 | 3/20 - 127.03 | 3/26 - 127.28  |
| 7N/33W-36J2 | 478                            | 3/21 - 58.99   | 3/16 - 57.61  | 3/20 - 55.35  | 3/20 - 57.22  | 3/26 - 55.00   |
| 7N/34W-12E1 | 385.8                          | 3/17 - 322.74  | 3/16 - 322.67 | 3/17 - 322.04 | 3/19 - 322.03 | 3/20 - 322.04  |
| 7N/34W-24N1 | 130.4                          | 3/17 - 73.06   | 3/16 - 72.89  | 3/17 - 71.85  | 3/19 - 71.86  | 3/22 - 71.93   |
| 7N/34W-35K9 | 101                            | 3/9 - 19.89    | 3/9 - 22.21   | 3/17 - 20.95  | 3/19 - 21.58  | 3/22 - 20.30   |
| 7N/35W-22J1 | 31.8                           | 3/7 - 11.93    | 3/9 - 18.39   | 3/11 - 19.93  | 3/16 - 21.72  | 3/19 - 13.51   |
| 7N/35W-27P1 | 260                            | 3/16 - 219.23  | 3/23 - 220.45 | 3/11 - 220.67 | 3/18 - 221.04 | 3/22 - 220.86  |
| 8N/33W-20Q2 | 408                            | 4/1 - 54.29    | 3/31 - 46.05  | 4/2 - 40.66   | 3/19 - 36.43  | 3/23 - 55.07   |

| <b>Well Number</b> | <b>Altitude of<br/>Land Surface (ft.)</b> | <b>2005</b>   | <b>2004</b>   | <b>2003</b>   | <b>2002</b>   | <b>2001</b>   |
|--------------------|---|---------------|---------------|---------------|---------------|---------------|
| 9N/32W-22D1        | 495                                       | 3/18 – 31.95  | 3/18 – 33.75  | 3/5 - 32.27   | 3/27 - 31.94  | 3/28 - 26.80  |
| 9N/33W-12R2        | 427                                       | 3/22 – 123.46 | 3/2 – 115.39  | 3/5 - 111.19  | 3/27 - 97.07  | 3/28 - 92.88  |
| 9N/33W-2A7         | 377                                       | 3/18 -79.11   | 3/2 – 106.49  | 3/4 - 96.67   | 4/9 - 84.33   | 3/28 - 67.44  |
| 10N/26W-4R1        | 2116                                      | 3/2 – 158.77  | 2/24 – 143.09 | 2/24 - 137.15 | 3/26 - 134.36 | 3/29 - 132.19 |
| 10N/33W-27G1       | 338                                       | 3/10 – 99.38  | 3/2 – 96.95   | 3/4 - 89.23   | 3/27 - 70.95  | 3/27 - 66.11  |
| 10N/34W-14E5       | 220                                       | obstructed    | 3/4 – 115.70  | 3/11 - 104.84 | 3/21 - 95.50  | 3/27 - 87.45  |
| 10N/34W-4R1        | 192.1                                     | destroyed     | destroyed     | destroyed     | 3/21 - 73.76  | 3/26 - 68.36  |
| 10N/35W-11E4       | 118                                       | 3/1 – 44.37   | 3/4 – 41.32   | 3/3 - 37.48   | 3/17 - 37.63  | 3/26 - 31.57  |
| 10N/36W-12P1       | 28  | 3/22 - -2.70  | 3/7 - -2.95   | 3/6 - -3.11   | 3/17 - -2.20  | 3/25 - -2.33  |
| 11N/35W-33G1       | 90  | 3/4 - 29.31   | 3/7 – 28.38   | 3/3 - 24.24   | 3/17 - 26.89  | 3/25 - 21.83  |

\* SPR = Spring Measurement, MAR = March Measurement and APR = April Measurement

# Appendix C - Santa Barbara County Water Production

By Purveyor and Calendar Year

| Year       | City of Buell-ton | Cal Cities Water (Orcutt) | Carp. Water District | Cuy-ama CSD | Goleta Water District | City of Guad-alupe | La Cumbre Mutual Water | City of Lompoc | Los Alamos CSD | Mission Hills CSD | Mont-ecito Water District | City of Santa Barbara | City of Santa Maria | Santa Ynez River WCD | City of Sol-vang | Vand-enberg AFB | Vand-enberg Village CSD | Totals |
|------------|-------------------|---------------------------|----------------------|-------------|-----------------------|--------------------|------------------------|----------------|----------------|-------------------|---------------------------|-----------------------|---------------------|----------------------|------------------|-----------------|-------------------------|--------|
| 1976       | 535               | 4330                      | 5368                 | 300         | 15844                 | 845                | 1672                   | 3416           | 158            | 500               | 3995                      | 14463                 | 8080                | 5409                 | 1264             | 3795            | 1543                    | 71517  |
| 1977       | 528               | 4849                      | 5025                 | 321         | 14867                 | 781                | 1565                   | 3327           | 158            | 500               | 3713                      | 12718                 | 7509                | 6643                 | 1198             | 3796            | 1464                    | 68962  |
| 1978       | 641               | 4621                      | 4305                 | 300         | 13785                 | 722                | 1339                   | 3282           | 161            | 500               | 3463                      | 12404                 | 7445                | 5063                 | 1098             | 3353            | 1309                    | 63791  |
| 1979       | 716               | 5099                      | 4934                 | 295         | 15405                 | 666                | 1326                   | 3596           | 205            | 500               | 3858                      | 13719                 | 8069                | 6006                 | 1122             | 3278            | 1525                    | 70319  |
| 1980       | 752               | 5608                      | 5129                 | 292         | 16034                 | 762                | 1533                   | 3753           | 230            | 583               | 4099                      | 14543                 | 8739                | 6527                 | 1231             | 4026            | 1527                    | 75368  |
| 1981       | 770               | 6109                      | 5338                 | 333         | 15610                 | 738                | 1508                   | 3607           | 211            | 492               | 4295                      | 14095                 | 8691                | 6517                 | 1622             | 4330            | 1589                    | 75855  |
| 1982       | 725               | 5508                      | 4449                 | 262         | 13331                 | 675                | 1387                   | 3596           | 211            | 417               | 3612                      | 13475                 | 8311                | 5343                 | 1569             | 4169            | 1291                    | 68331  |
| 1983       | 743               | 5714                      | 3898                 | 235         | 11896                 | 733                | 1284                   | 3618           | 179            | 416               | 3576                      | 14439                 | 8904                | 4447                 | 1362             | 3375            | 1181                    | 66000  |
| 1984       | 971               | 7079                      | 6130                 | 254         | 15796                 | 961                | 2067                   | 4447           | 240            | 570               | 5483                      | 16826                 | 10537               | 7885                 | 1876             | 4211            | 1482                    | 86815  |
| 1985       | 939               | 7276                      | 5488                 | 258         | 15344                 | 908                | 1900                   | 4525           | 230            | 522               | 4905                      | 16335                 | 10635               | 7159                 | 2028             | 4063            | 1486                    | 84001  |
| 1986       | 1057              | 7625                      | 5068                 | 275         | 14874                 | 800                | 1827                   | 5029           | 269            | 542               | 4789                      | 16277                 | 11039               | 6174                 | 2028             | 3768            | 1485                    | 82926  |
| 1987       | 1153              | 7916                      | 5845                 | 274         | 15290                 | 757                | 2008                   | 4884           | 262            | 569               | 4889                      | 16140                 | 11192               | 6327                 | 1999             | 3717            | 1441                    | 84663  |
| 1988       | 1204              | 8678                      | 5986                 | 218         | 15358                 | 823                | 2209                   | 5354           | 253            | 700               | 5314                      | 16517                 | 11848               | 6529                 | 2153             | 3850            | 1577                    | 88571  |
| 1989       | 1221              | 8860                      | 6280                 | 195         | 11451                 | 828                | 1617                   | 5612           | 256            | 694               | 5234                      | 15067                 | 12470               | 6742                 | 2080             | 3793            | 1582                    | 83982  |
| 1990       | 1083              | 8691                      | 5362                 | 189         | 10013                 | 724                | 1298                   | 4930           | 251            | 633               | 5034                      | 9849                  | 12057               | 6337                 | 1963             | 3401            | 1438                    | 73253  |
| 1991       | 955               | 8210                      | 4055                 | 182         | 9393                  | 685                | 1166                   | 4413           | 238            | 578               | 3779                      | 9559                  | 11478               | 5814                 | 1852             | 3065            | 1342                    | 66764  |
| 1992       | 964               | 8381                      | 4315                 | 173         | 11066                 | 718                | 1320                   | 4653           | 225            | 600               | 4025                      | 10507                 | 12074               | 5402                 | 1868             | 4124            | 1401                    | 71816  |
| 1993       | 958               | 8174                      | 4312                 | 168         | 11837                 | 653                | 1321                   | 4670           | 240            | 618               | 4420                      | 11371                 | 11835               | 7599                 | 1871             | 4394            | 1380                    | 75821  |
| 1994       | 918               | 8572                      | 4489                 | 169         | 10634                 | 668                | 1555                   | 4770           | 236            | 628               | 4368                      | 12079                 | 12133               | 5332                 | 1807             | 4186            | 1287                    | 73831  |
| 1995       | 896               | 8447                      | 4314                 | 181         | 13317                 | 662                | 1542                   | 4772           | 260            | 604               | 4155                      | 12716                 | 12265               | 5202                 | 1611             | 3916            | 1293                    | 76153  |
| 1996       | 923               | 9906                      | 4298                 | 191         | 12184                 | 585                | 1648                   | 5086           | 276            | 658               | 4702                      | 13216                 | 12323               | 6500                 | 1641             | 4463            | 1356                    | 79956  |
| 1997       | 991               | 9376                      | 4635                 | 213         | 14667                 | 622                | 1632                   | 5804           | 256            | 733               | 5369                      | 14546                 | 12796               | 6343                 | 1686             | 4486            | 1523                    | 85678  |
| 1998       | 806               | 8154                      | 3985                 | 165         | 11758                 | 574                | 1337                   | 5231           | 238            | 540               | 4200                      | 12970                 | 10665               | 4290                 | 1425             | 3958            | 1291                    | 71587  |
| 1999       | 897               | 9259                      | 4442                 | 189         | 12741                 | 749                | 1849                   | 5408           | 320            | 762               | 5538                      | 13784                 | 11851               | 6163                 | 1533             | 4538            | 1467                    | 81491  |
| 2000       | 975               | 8262                      | 4379                 | 190         | 13317                 | 618                | 1546                   | 4566           | 263            | 609               | 5112                      | 13395                 | 11231               | 5303                 | 1532             | 4980            | 1233                    | 77511  |
| 2001       | 991               | 8053                      | 3901                 | 183         | 12225                 | 658                | 1399                   | 4465           | 251            | 591               | 4473                      | 12531                 | 11155               | 5355                 | 1559             | 4476            | 1201                    | 73467  |
| 2002       | 1135              | 9464                      | 4436                 | 212         | 14851                 | 782                | 2138                   | 5625           | 344            | 632               | 5978                      | 14353                 | 13339               | 6479                 | 1517             | 4521            | 1598                    | 87404  |
| 2003       | 1146              | 9071                      | 4215                 | 178         | 12923                 |                    | 1880                   | 5567           | 328            |                   | 5716                      | 13649                 | 13495               | 5734                 | 1455             | 4471            | 1504                    |        |
| <b>Avg</b> | 914               | 7546                      | 4799                 | 228         | 13422                 | 730                | 1603                   | 4572           | 241            | 581               | 4575                      | 13627                 | 10792               | 6022                 | 1641             | 4018            | 1421                    | 76512  |
| <b>Max</b> | 1221              | 9906                      | 6280                 | 333         | 16034                 | 961                | 2209                   | 5804           | 344            | 762               | 5978                      | 16826                 | 13495               | 7885                 | 2153             | 4980            | 1598                    | 88571  |
| <b>Min</b> | 528               | 4330                      | 3898                 | 165         | 9393                  | 574                | 1166                   | 3282           | 158            | 416               | 3463                      | 9559                  | 7445                | 4290                 | 1098             | 3065            | 1181                    | 63791  |

## Appendix D - Santa Barbara County Groundwater Basins Summary

| Basin                | Size  | Estimated basin SAFE YIELD                |                                   | Estimated Net Demand on groundwater (AFY)  | Surplus/ (Overdraft) (AFY)                       | Available Water in Storage (AF) | Land Use Summary  |
|----------------------|---|---|-----------------------------------|--|--|---------------------------------|---|
|                      |   | For gross Pumpage (Perennial Yield) (AFY) | For Net Pumpage (Net Yield) (AFY) |  |  |                                 |   |
| Carpinteria          | 6,700 acres   | 4,294                                     | 3,865                             | 2,605<br>(Pumpage level assumes that all available surface supplies are utilized.)   | 1,260  | 50,000                          | One city, orchards, irrigated crops and greenhouses   |
| Montecito            | 4,300 acres   | 1,350                                     | 1,215                             | Pumpage not required due to surplus surface supplies.                                | 2500<br>(Based on overall Montecito Area supply) | 14,400                          | Primarily low-density residential use; unincorporated   |
| Santa Barbara        | 4,500 acres   | 847                                       | 805                               | Pumpage not required due to surplus surface supplies. Basin managed by City of S.B.  | 2838<br>(Based on overall City supply.)          | 10,000                          | Primarily residential, industrial and commercial  |
| Foothill             | 3000 acres  | 953                                       | 905                               | 898<br>(Maximum long-term pumpage. Basin managed by City of S.B.)                    | Not subject to overdraft per SB/LCMWC agreement. | 5,000                           | Primarily residential   |
| Goleta North/Central | 5700 acres  | 3,600                                     | 3,420                             | 3,420  | Not subject to Overdraft per Court decision.     | 29,000                          | Primarily residential, industrial and commercial.<br><b>Basin has been adjudicated and is not subject to overdraft.</b> |
| Goleta West          | 3500 acres  | 500                                       | 475                               | 220  | 255  | 7,000                           | Primarily residential, industrial and commercial.   |
| Buellton Uplands     | 16,400 acres  | 3,740                                     | 2,768                             | 1,932  | 800  | 154,000                         | Extensive agriculture; one city   |
| Santa Ynez Uplands   | 83,200 acres  | 11,500                                    | 8,970                             | 10,998   | (2,028)  | 900,000                         | Three towns, one city, and other low density residential; varied, high-value agriculture                                |
| Lompoc               | 48,600 acres  | 28,537                                    | 21,468                            | 22,459   | (991)  | 170,000                         | One city, unincorporated urban development, Vandenberg AFB; varied agriculture; petroleum                               |
| San Antonio          | 70,400 acres  | 20,000                                    | 15,000                            | 24,540   | (9,540)  | 800,000                         | One town; extensive agriculture; some petroleum; VAFB   |
| Santa Maria          | 110,000 acres<br>(80,000 within Santa Barbara County) | 120,000                                   | 80,000                            | 100,000<br>(87,500 with City of Santa Maria reduction in pumpage due to SWP supply.) | (2,368)  | 1,100,000                       | Two cities; extensive unincorporated urban area (Santa Barbara County); extensive irrigated agriculture; petroleum      |
| Cuyama               | 441,600 acres<br>(81,280 within                       |   |                                   |  |  |                                 | Extensive agriculture; some petroleum; very low   |

| Basin                                    | Size                       | Estimated basin SAFE YIELD                |                                   | Estimated Net Demand on groundwater (AFY) | Surplus/ (Overdraft) (AFY) | Available Water in Storage (AF)  | Land Use Summary  |
|--|----------------------------|---|-----------------------------------|---|----------------------------|--|---|
|  |                            | For gross Pumpage (Perennial Yield) (AFY) | For Net Pumpage (Net Yield) (AFY) |   |                            |  |   |
|  | Santa Barbara County)      | 10,667                                    | 8,000                             | 36,525                                    | (28,525)                   | 1,500,000  | population density  |
| SPECIAL BASINS/LIMITED DATA              |                            |   |                                   |   |                            |  |   |
| More Ranch                               | 502 acres                  | 84  | 76                                | 24  | 60                         | N/A  | Primarily open space, limited residential/agricultural                    |
| Ellwood to Gaviota Coastal Basins        | 67,200 acres               |   | N/A                               | N/A                                       | N/A                        | N/A  | Agriculture, primarily orchards and grazing; limited municipal/industrial |
| Gaviota to Pt. Conception Coastal Basins | 23,040 acres               |   | N/A                               | N/A                                       | N/A                        | N/A  | Agriculture, primarily grazing  |
| Santa Ynez River Riparian Basins         | 12,000 acres (3 sub-units) |   | N/A                               | N/A                                       | N/A                        | Storage generally maintained by capture of local runoff and by releases of prior rights water banked in Cachuma Lake | Two cities; 7,300 acres of irrigated cropland                             |

AFY: Acre-Feet per Year  
AF: Acre-Feet



## Appendix E – Local Water District Observation Wells

### Carpinteria Valley Water District

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 4N/25W-19F4 | 4N/25W-19H1 | 4N/25W-19J5 | 4N/25W-19K5 |
| 4N/25W-19M3 | 4N/25W-20K3 | 4N/25W-20K4 | 4N/25W-20L4 |
| 4N/25W-21L1 | 4N/25W-21N1 | 4N/25W-21N4 | 4N/25W-21R1 |
| 4N/25W-22R3 | 4N/25W-22R4 | 4N/25W-23P1 | 4N/25W-25L3 |
| 4N/25W-25N5 | 4N/25W-26A1 | 4N/25W-26C1 | 4N/25W-26C6 |
| 4N/25W-27F1 | 4N/25W-27F2 | 4N/25W-27R2 | 4N/25W-27Q6 |
| 4N/25W-28D2 | 4N/25W-28F7 | 4N/25W-28G3 | 4N/25W-28J1 |
| 4N/25W-28M1 | 4N/25W-29D1 | 4N/25W-29D7 | 4N/25W-29H2 |
| 4N/25W-29K2 | 4N/25W-29L1 | 4N/25W-29R1 | 4N/25W-30D1 |
| 4N/25W-34A1 | 4N/25W-34G1 | 4N/25W-35A3 | 4N/25W-35B6 |
| 4N/25W-35E1 | 4N/26W-23A2 |             |             |

### City of Santa Barbara

#### Storage Unit 1

|             |              |              |              |
|-------------|--------------|--------------|--------------|
| 4N/27W-8R2  | 4N/27W-9M1   | 4N/27W-9Q1   | 4N/27W-13R1  |
| 4N/27W-14K2 | 4N/27W-14P1  | 4N/27W-14R1  | 4N/27W-15E1  |
| 4N/27W-15E2 | 4N/27W-15J2  | 4N/27W-15K1  | 4N/27W-15Q10 |
| 4N/27W-16C1 | 4N/27W-16C2  | 4N/27W-16E2  | 4N/27W-16R1  |
| 4N/27W-17J1 | 4N/27W-21B1  | 4N/27W22A2   | 4N/27W-22A3  |
| 4N/27W-22A4 | 4N/27W-22B6  | 4N/27W-22B7  | 4N/27W-22B8  |
| 4N/27W-22B9 | 4N/27W-22B10 | 4N/27W-22B11 | 4N/27W-22C1  |
| 4N/27W-22E1 | 4N/27W-22E2  | 4N/27W-22G2  | 4N/27W-22G3  |
| 4N/27W-22G4 | 4N/27W-23E5  | 4N/27W-23E6  | 4N/27W-23F2  |
| 4N/27W-23F3 | 4N/27W-23F4  | 4N/27W-23F8  | 4N/27W-23F9  |
| 4N/27W-23H1 | 4N/27W-23H4  |              |              |

#### Storage Unit 3

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 4N/27W-17L2 | 4N/27W-17L3 | 4N/27W-17L4 | 4N/27W-18Q1 |
| 4N/27W-18Q4 | 4N/27W-19A1 | 4N/27W-19A2 | 4N/27W-19A3 |
| 4N/27W-21E1 | 4N/27W-21E2 | 4N/27W-21E3 | 4N/27W-21F1 |
| 4N/27W-21F2 | 4N/27W-21G1 | 4N/27W-21G2 | 4N/27W-22M1 |
| 4N/27W-22M2 | 4N/27W-22Q1 |             |             |

#### Foothill Storage Unit

|             |             |             |            |
|-------------|-------------|-------------|------------|
| 4N/27W-5P1  | 4N/27W-7D1  | 4N/27W-7R3  | 4N/27W-8E1 |
| 4N/27W-8L3  | 4N/27W-8M5  | 4N/27W-8M6  | 4N/27W18B5 |
| 4N/28W-12C2 | 4N/28W-12H4 | 4N/28W-12R3 |            |

#### Hope Ranch Storage Unit

|             |             |  |  |
|-------------|-------------|--|--|
| 4N/27W-18C2 | 4N/27W-18C3 |  |  |
|-------------|-------------|--|--|

### United States Bureau of Reclamation

|              |              |              |              |
|--------------|--------------|--------------|--------------|
| 6N/34W-02A06 | 6N/34W-01G02 | 6N/33W-07E03 | 6N/33W-06D04 |
| 6N/33W-06K02 | 6N/33W-08E02 | 6N/33W-08J02 | 6N/33W-16B01 |
| 6N/33W-11M01 | 6N/33W-12L01 | 6N/32W-18C02 | 6N/32W-08N04 |
| 6N/32W-17J02 | 6N/32W-16G04 | 6N/32W-09G01 | 6N/32W-13G02 |
| 6N/32W-11D01 | 6N/31W-17D01 | 6N/31W-17R01 | 6N/31W-22F01 |
| 6N/31W-24K02 | 6N/30W-29E01 | 6N/30W-21E01 | 6N/30W-20H02 |
| 6N/30W-22C02 | 6N/30W-24E05 | 7N/34W-22M06 | 7N/34W-26B04 |
| 7N/34W-27F09 | 7N/34W-26Q05 | 7N/34W-25F03 | 6N/34W-04G04 |
| 7N/34W-34R01 | 7N/34W-35K09 |              |              |