



2007 - 2008

# **ENGINEERING INVESTIGATION**

## **BUNKER HILL BASIN**

**GROUNDWATER CONDITIONS IN THE**

**SAN BERNARDINO VALLEY WATER CONSERVATION DISTRICT**



# **ENGINEERING INVESTIGATION Bunker Hill Basin 2007-2008**

**April 2008**

**Groundwater Conditions in the  
San Bernardino Valley Water Conservation District**

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## Acknowledgments

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The staff of San Bernardino Valley Water Conservation District would like to recognize the efforts of those agencies that contributed data for this Engineering Investigation. The cooperation received from the following agencies is gratefully acknowledged.

- **City of Colton**
- **City of San Bernardino**
- **East Valley Water District**
- **Gage Canal Company**
- **City of Riverside**
- **City of Redlands**
- **West Valley Water District**
- **Riverside Highland Water Company**
- **United States Geological Survey, Santee, CA Office**
- **Western Municipal Water District**
- **San Bernardino Valley Municipal Water District**
- **Watermaster Support Services**
- **San Bernardino County Department of Flood Control**
- **Elsinore Valley Municipal Water District/Meeks and Daley Water Company**
- **Big Bear Grizzly**
- **Redlands Daily Facts**



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<b>Figures</b> .....	<b>iii</b>
<b>Tables</b> .....	<b>iv</b>
<b>Appendices</b> .....	<b>v</b>
<b>1.0 Executive Summary</b> .....	<b>1</b>
<b>2.0 Introduction</b> .....	<b>8</b>
<b>2.1 Purpose and Scope</b> .....	<b>8</b>
<b>2.2 Location, Topography and Climate</b> .....	<b>9</b>
<b>2.3 Definition of Terms</b> .....	<b>10</b>
<b>2.4 Sources of Data</b> .....	<b>11</b>
<b>3.0 Fall 2007 Groundwater Elevation Contours</b> .....	<b>13</b>
<b>3.1 Hydrographs for Key Wells in the Bunker Hill Basin</b> .....	<b>13</b>
<b>4.0 Task 1 - Annual Change in Storage (Fall 2006 to Fall 2007)</b> .....	<b>13</b>
<b>4.1 Hydrologic Sub-areas</b> .....	<b>13</b>
<b>4.2 Area and Storativity</b> .....	<b>14</b>
<b>4.3 Groundwater Level Elevation Changes</b> .....	<b>14</b>
<b>4.4 Change in Groundwater Storage</b> .....	<b>14</b>
<b>5.0 Task 2 - Accumulated Change in Storage (Fall 1993 to Fall 2007)</b> .....	<b>15</b>
<b>6.0 Task 3 - Total Groundwater Production for the Preceding Water Year (July 1, 2006 to June 30, 2007)</b> .....	<b>16</b>
<b>7.0 Task 4 - Estimate of the Annual Change in Storage for the Current Water Year (July 1, 2007 to June 30, 2008)</b> .....	<b>17</b>
<b>8.0 Task 5 - Estimate of the Annual Change in Storage for the Ensuing Water Year (July 1, 2008 to June 30, 2009)</b> .....	<b>18</b>



---

<b>9.0 Task 6 - Average Annual Change in Storage for the Immediate Past Ten Water Years.....</b>	<b>19</b>
<b>10.0 Task 7 - Estimated Amount of Agricultural Water and Other Than Agricultural Water to be Withdrawn for the Ensuing Water Year (July 1, 2008 to June 30, 2009).....</b>	<b>19</b>
<b>11.0 Task 8 - Estimated Amount of Water for Surface Distribution for the Ensuing Water Year (July 1, 2008 to June 30, 2009).....</b>	<b>22</b>
<b>12.0 Task 9 - Estimated Amount of Water for Replenishment of the Groundwater Supplies for the Ensuing Water Year (July 1, 2008 to June 30, 2009) 22</b>	
<b>13.0 General Findings.....</b>	<b>24</b>
<b>14.0 Conclusions.....</b>	<b>24</b>



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## Figures

- Figure 1      Project Area Map**
- Figure 2      Bunker Hill Basin Watershed**
- Figure 3      Annual Precipitation for 2005-2007 Compared to Historical Average**
- Figure 4      Fall 2007 Conceptual Groundwater Contours**
- Figure 5      Fall 2006 Conceptual Groundwater Contours**
- Figure 6      Sub-Areas of Bunker Hill Basin**
- Figure 7      Location of Wells with Hydrographs**
- Figure 8      Difference in Groundwater Elevations: Fall 2006 to Fall 2007**
- Figure 9      Accumulated Change in Storage for Bunker Hill Basin**
- Figure 10     Groundwater Production in Bunker Hill Basin**
- Figure 11     Prediction Chart for Annual Change in Storage**
- Figure 12     Estimate of Production for Current Water Year**
- Figure 13     Estimate of Production for Ensuing Water Year**



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## Tables

- Table 1** Summary of Percentage of Normal Precipitation, 1983 to 2007
- Table 2** Change in Groundwater Levels in Key Wells, Fall 2006 to Fall 2007
- Table 3** Annual Change in Storage for Bunker Hill Basin, Fall 2006 to Fall 2007
- Table 4** Accumulated Change in Storage for Bunker Hill Basin, 1987 to 2007
- Table 5** Production in Sub-basins of Bunker Hill Basin, Preceding Water Year
- Table 6** Estimates of Percentage of Normal Precipitation for Current Water Year
- Table 7** Average Annual Change in Storage for Bunker Hill Basin, Fall 1997 to Fall 2007
- Table 8** Summary of Surface Distribution Water for Bunker Hill Basin, 1983 to 2006





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## Appendices

- Appendix A**      **Water Level Elevations for Bunker Hill Basin**
- Appendix B**      **Hydrographs for Key Wells**
- Appendix C**      **Production Data for the Preceding Water Year**
- Appendix D**      **Historic Annual Precipitation**



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## **1.0 Executive Summary**

Article 1, Section 75560 of the California Water Code requires that a Water Conservation District that proposes to levy a groundwater charge "... shall annually cause to be made an engineering investigation and report upon groundwater conditions of the District." In accordance with these requirements, the San Bernardino Valley Water Conservation District (District) must make the following findings and determinations as they relate to the ground and surface water conditions of the Bunker Hill Basin and those areas within the District boundary. Refer to **Figure 1** for locations.

- Task 1.** Annual change in storage for the Bunker Hill Basin for the preceding water year (Fall 2006 to Fall 2007);
- Task 2.** Accumulated change in storage of the Bunker Hill Basin as of the last day of the preceding water year (June 30, 2007);
- Task 3.** Total groundwater production from the Bunker Hill Basin for the preceding water year (July 1, 2006 - June 30, 2007);
- Task 4.** Estimate of the annual change in the Bunker Hill Basin storage for the current water year (July 1, 2007 - June 30, 2008);
- Task 5.** Estimate of the annual change in the Bunker Hill Basin storage for the ensuing water year (July 1, 2008 - June 30, 2009);
- Task 6.** Average annual change in Bunker Hill Basin storage for the immediate past ten water years (1997 - 2007);
- Task 7.** Estimated amount of agricultural water and other than agricultural water to be withdrawn from the groundwater supplies of the District for the ensuing water year (July 1, 2008 - June 30, 2009);
- Task 8.** Estimated amount of water necessary for surface distribution for the ensuing water year for the Bunker Hill Basin and the District (July 1, 2008 - June 30, 2009); and
- Task 9.** The amount of water that is necessary for the replenishment of the groundwater supplies of the Bunker Hill Basin and the District for the ensuing water year (July 1, 2008 - June 30, 2009).



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To make the findings and determinations listed above, District staff researched available hydrogeologic and engineering data for the Bunker Hill Basin. These data were compiled and analyzed and a predictive relationship between precipitation, production, and change in basin storage was developed. This relationship, based on empirical data, enables the prediction of change in storage, given certain annual production and precipitation levels. In addition, annual and accumulated change in storage values were calculated based on historic water level changes throughout the Bunker Hill Basin.

Based on 20 measuring stations, precipitation throughout the contributing watershed was 33 percent of normal for the period October 1, 2006 to September 31, 2007. The amount of groundwater storage in the Bunker Hill Basin decreased by 113,900 acre-feet.

The required findings for the 2008 Engineering Investigation are provided below. Each of the tasks is further explained in the main body of the report. Throughout this document a positive sign (+) denotes an increase in groundwater storage or groundwater level elevation while a negative sign (-) denotes a decrease in groundwater storage or groundwater level elevation.



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## Summary of Findings for the 2008 Engineering Investigation

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**Task 1.** Annual change in storage for the Bunker Hill Basin for the preceding water year (Fall 2007 groundwater levels)

- Change in storage between Fall 2006 and Fall 2007

**-113,900 acre-feet (decrease)**

**The amount of water stored in the Basin decreased by 113,900 acre-feet between 2006 and 2007.**

**Task 2.** Accumulated change in storage of the Bunker Hill Basin as of the last day of the preceding water year (June 30, 2007)

- Accumulated change in storage between Fall 1993 and Fall 2007<sup>1</sup>

**-359,400 acre-feet (decrease)**

**The amount in storage in the Fall of 2007 is 359,400 acre-feet less than in the Fall of 1993.**

**Task 3.** Total groundwater production from the Bunker Hill Basin for the preceding water year (July 1, 2006 - June 30, 2007)

**209,739 acre-feet**

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<sup>1</sup> In the District's Engineering Investigation (EI) prior to 1993-94, the accumulated change in storage was based on the basin storage in 1984 as considered full. A concern arose regarding the flooding of basements due to high groundwater levels in the Pressure Zone of the Bunker Hill Basin. Therefore, in response to the City of San Bernardino's comments on accumulated change in storage, all EI's since that time are based on 1993 basin storage levels considered as full.



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**Task 4.** Estimate of the annual change in the Bunker Hill Basin storage for the current water year (July 1, 2007 - June 30, 2008)

**-13,440 acre-feet (decrease)**

**The amount of water in the Basin is estimated to decrease by 13,440 acre-feet during the current water year.**

**Task 5.** Estimate of the annual change in the Bunker Hill Basin storage for the ensuing water year (July 1, 2008 - June 30, 2009)

**-7,826 acre-feet (decrease)**

**The amount of water in the Basin is estimated to decrease by 7,826 acre-feet during the ensuing water year.**

**Task 6.** Average annual change in Bunker Hill Basin storage for the immediate past 10 water years (1997 - 2007)

**-41,400 acre-feet (decrease)**

**Task 7.** Estimated amount of agricultural water and other than agricultural water to be withdrawn from the groundwater supplies of the District for the ensuing water year (July 1, 2008 - June 30, 2009)

- Estimated amount of agricultural water withdrawn from the groundwater supplies within the District boundary for the ensuing water year (July 1, 2008 - June 30, 2009)

**17,133 acre-feet**



- Estimated amount of other than agricultural water withdrawn from the groundwater supplies of the District for the ensuing water year (July 1, 2008 - June 30, 2009)

**101,518 acre-feet**

**Task 8.** Estimated amount of water necessary for surface distribution for the ensuing water year for the Bunker Hill Basin and the District (July 1, 2008 - June 30, 2009)

- Estimated amount of water necessary for surface distribution for the ensuing water year (July 1, 2008 - June 30, 2009) for the Bunker Hill Basin

**43,334 acre-feet**

- Estimated amount of water necessary for surface distribution for the ensuing water year (July 1, 2008 - June 30, 2009) within the District boundary

**34,705 acre-feet**

**Task 9.** The amount of water necessary from all sources, including natural recharge, to maintain constant groundwater supplies in the Bunker Hill Basin for the ensuing water year (July 1, 2008 to June 30, 2009)

- The amount of water necessary from all sources, including natural recharge, to maintain constant groundwater supplies in the Bunker Hill Basin for the ensuing water year (July 1, 2008 to June 30, 2009)

**203,616 acre-feet**



- The amount of water necessary from all sources, including natural recharge, to maintain constant groundwater supplies within the District boundary for the ensuing water year (July 1, 2008 to June 30, 2009)

**122,564 acre-feet**

- The amount of water necessary from all sources, including natural recharge, to bring the basin back to "full" in the ensuing water year (July 1, 2008 to June 30, 2009)

**576,456 acre-feet**

In addition to the above findings, Section 75505 of the California Water Code requires that a finding be made as to the amount of water necessary to be replaced in the intake areas of the groundwater basins within the District to prevent the landward movement of salt water into the fresh groundwater body, or to prevent subsidence of the land within the District. Because of its location and the elevations of its water table, the Bunker Hill Basin is not subject to salt-water intrusion and the current groundwater levels will not result in any significant land subsidence.

Section 75540 of the California Water Code requires that the District Board establish a zone or zones where a groundwater charge is to be implemented. The Code specifically states that a single zone may include the entire District and in May 1993 the Board established the entire District as one zone. This determination may be amended in the future, but lacking any evidence to the contrary, in the 2008-09 year the entire District will remain as a single zone in regard to any groundwater charge.

Section 75561 of the California Water Code further requires the Engineering Investigation to include a finding related to the amount of water the District is obligated by contract to purchase. At this time the District has no contractual obligation to purchase water for the replenishment of the groundwater supplies.



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**Based on the results of the 2008 Engineering Investigation, the San Bernardino Valley Water Conservation District finds that:**

- Due to the imbalance between groundwater recharge and production since 1993, the Bunker Hill Basin's storage is 359,400 acre-feet below that which is considered full for purposes of this Investigation.
- During the ensuing water year (July 1, 2008 to June 30, 2009), the Bunker Hill Basin can be recharged, from all sources, with 575,657 acre-feet of water. This recharge quantity is needed to maintain the 1993 storage level considered full.
- The District should continue to take the necessary steps to enhance its capability to conduct recharge operations, which includes consideration of new, or maintenance and repair of existing, diversion facilities, canals, dikes, basins, roads, and other water recharge facilities. These improvements are required to ensure that the increasing demands on the Basin, especially during drought periods, can be met.





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## **2.0 Introduction**

### **2.1 Purpose and Scope**

The San Bernardino Valley Water Conservation District (District) was created by popular vote in 1931 for the purpose of managing the recharge activities that were previously conducted by the Water Conservation Association. The Water Conservation Association was incorporated in 1909 and had been diverting flows from the Santa Ana River for groundwater recharge since 1911. Currently the District has ownership, as well as easements and/or use of properties owned by the Bureau of Land Management (BLM), on a total of 3,735 acres within the Santa Ana River and Mill Creek Wash areas. The District boundary covers an area of approximately 50,000 acres, which represents about 60 percent of the Bunker Hill Basin. **Figure 1** displays the project area map for the Engineering Investigation. It includes the District boundary along with its location relative to the Interstate and State highways.

Article 1, Section 75560 of the California Water Code requires that a Water Conservation District that proposes to levy a groundwater charge "... shall annually cause to be made an engineering investigation and report upon groundwater conditions of the District." In accordance with these requirements, the San Bernardino Valley Water Conservation District (District) must make the following findings and determinations as they relate to the ground and surface water conditions of the Bunker Hill Basin and those areas within the District boundary.

- Task 1.** Annual change in storage for the Bunker Hill Basin for the preceding water year (Fall 2006 to Fall 2007);
- Task 2.** Accumulated change in storage of the Bunker Hill Basin as of the last day of the preceding water year (June 30, 2007);
- Task 3.** Total groundwater production from the Bunker Hill Basin for the preceding water year (July 1, 2006 - June 30, 2007);



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- Task 4.** Estimate of the annual change in the Bunker Hill Basin storage for the current water year (July 1, 2007 - June 30, 2008);
- Task 5.** Estimate of the annual change in the Bunker Hill Basin storage for the ensuing water year (July 1, 2008 - June 30, 2009);
- Task 6.** Average annual change in Bunker Hill Basin storage for the immediate past ten water years (1997 - 2007);
- Task 7.** Estimated amount of agricultural water and other than agricultural water to be withdrawn from the groundwater supplies of the District for the ensuing water year (July 1, 2008 - June 30, 2009);
- Task 8.** Estimated amount of water necessary for surface distribution for the ensuing water year for the Bunker Hill Basin and the District (July 1, 2008 - June 30, 2009); and
- Task 9.** The amount of water that is necessary for the replenishment of the groundwater supplies of the Bunker Hill Basin and the District for the ensuing water year (July 1, 2008 - June 30, 2009).

To make the findings and determinations listed above, District staff researched available hydrogeologic, precipitation, and engineering data for the Bunker Hill Basin and surrounding areas. These data were compiled and analyzed and a predictive relationship between precipitation, production, and change in basin storage was adapted from similar relationships developed by Geoscience Support Services in the preparation of previous Engineering Investigations. This relationship, based on empirical data, enables the prediction of change in storage, given certain annual production and precipitation levels. In addition, annual and accumulated change in storage was calculated based on historic water level changes throughout the Bunker Hill Basin.

## **2.2 Location, Topography and Climate**

The Bunker Hill Basin is located at the top of the Santa Ana River Watershed and receives all the surface water runoff from the headwaters of the Santa Ana River, Mill Creek, and a portion of that from the Lytle Creek area. It is part of the inland valley called the San Bernardino Valley located in San Bernardino County, California and



encompasses approximately 89,600 acres. Once past the Bunker Hill Basin, the Santa Ana River continues to flow southwesterly for approximately 60 miles until it reaches the Pacific Ocean.

The Bunker Hill Basin is bounded on the northwest by the San Gabriel Mountains, on the northeast by the San Bernardino Mountains, on the south by the Crafton Hills and the Badlands, and on the southwest by a low east-facing escarpment produced by the San Jacinto fault. These geologic features are presented on **Figure 2**.

The major streams providing inflows and outflows for the Bunker Hill Basin are also provided on **Figure 2**. The United States Geological Survey (USGS) administers stream flow gauging stations on all of these waterways except Mill Creek. Mill Creek flow is assumed to be 56 percent of the Santa Ana River flow based on historic data. Total diversions for direct use and recharge on the Santa Ana River may exceed the stream flows due to measurements by different agencies.

The climate in the region is a semi-arid Mediterranean-type characterized by long dry summers and relatively short mild winters. The annual average temperature in the valley is 62° F, with extremes ranging from as low as 18° F to as high as 116° F. Precipitation in the region is highly variable depending on location and elevation. Historical annual averages range from 10.8 inches near Loma Linda Fire Department located at the southwest end of the basin to over 40.6 inches at Lake Arrowhead located at the upper end of the mountain watershed contributing flow to the basin. Precipitation data provided by the Water Resources Division of the San Bernardino County Department of Transportation for 20 stations are summarized in **Table 1** and displayed on **Figure 3**.

### **2.3 Definition of Terms**

For the purposes of this report, the following terms are defined:

- ◆ **Bunker Hill Basin** - The Bunker Hill Basin is the groundwater basin that underlies the San Bernardino Valley. By strict definition the Bunker Hill Basin is separate from the



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Lytle Groundwater Basin, but receives groundwater underflow from the Lytle Basin. For the purposes of this report, the definition of the Bunker Hill Basin is extended to include the Lytle Basin.

- ◆ Production - The term production includes extraction of water by groundwater pumping from wells and surface diversions from the Santa Ana River, Mill Creek, City Creek, Devil Canyon Creek, Cajon Creek, Plunge Creek, and Lytle Creek.
- ◆ Preceding Water Year - As per the California Water Code, the preceding water year is the period July 1, 2006 through June 30, 2007.
- ◆ Current Water Year - As per the California Water Code, the current water year is the period July 1, 2007 through June 30, 2008.
- ◆ Ensuing Water Year - As per the California Water Code, the ensuing water year is the period July 1, 2008 through June 30, 2009.

## **2.4 Sources of Data**

Data used in the development of this engineering investigation were obtained from a variety of sources including public and private agencies. The data analysis tasks involved tabulating and summarizing information from documented and undocumented reports, public and private files, and personal communication with local, State, and Federal agencies. Some of the more important data sources are listed below.

Data for Fall 2007 groundwater elevations and preceding water year (July 2006 to June 2007) production were obtained from the primary water purveyors in the Bunker Hill Basin including:

- City of Colton
- City of Loma Linda
- City of Redlands
- City of Rialto



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- City of Riverside
  - City of San Bernardino
  - East Valley Water District
  - Elsinore Valley Municipal Water District/Meeks and Daley Water Company
  - Gage Canal Company
  - Geologic Associates
  - Loma Linda University
  - Patton State Hospital
  - Redlands Farming, Inc.
  - Riverside – Highland Water Company
  - San Bernardino County Department of Transportation and Flood Control
  - San Bernardino Valley Municipal Water District
  - West Valley Water District
  - Western Municipal Water District
  - United States Geological Survey, Santee, CA Office

Data regarding historic diversions from the Santa Ana River, Mill Creek, Plunge Creek, City Creek, Devil Canyon Creek, Cajon Creek, and Lytle Creek were obtained from the following sources:

- San Bernardino Valley Water Conservation District (acting as Project Manager for the Cooperative Water Project - Exchange Plan)
- Western Municipal Water District
- City of San Bernardino

Historic precipitation data were obtained from the following sources:

- San Bernardino County Department of Transportation and Flood Control
- Redlands Daily Facts
- Big Bear Grizzly



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### **3.0 Fall 2007 Groundwater Elevation Contours**

The District, the Western Municipal Water District, and the primary water purveyors in the Bunker Hill Basin provided Fall 2007 water level data. Static groundwater elevations for Fall 2007 for wells throughout the Bunker Hill Basin are compiled in **Appendix A**. These elevations were plotted on **Figure 4** for 132 wells using a Geographic Information System (GIS) and groundwater elevation contours for the Bunker Hill Basin were interpreted. For purposes of comparison, Fall 2006 static groundwater elevation contours are provided on **Figure 5**. **Figure 6** shows the delineation of the Bunker Hill Basin into the sub-areas used in this report.

#### **3.1 Hydrographs for Key Wells in the Bunker Hill Basin**

To provide an historical perspective of groundwater levels for the Bunker Hill Basin, hydrographs for 21 wells located throughout the basin are shown in **Appendix B**. The locations of these wells are shown on **Figure 7** and the annual changes in water level from Fall 2006 to Fall 2007 are shown in **Table 2**.

### **4.0 Task 1 - Annual Change in Storage (Fall 2006 to Fall 2007)**

#### **4.1 Hydrologic Sub-areas**

Using a Geographic Information System, the average groundwater elevation changes were determined for each of the eight hydrologic sub-areas shown on **Figure 6** and listed below.

- Bunker Hill I - Southwest of Interstate 215
- Bunker Hill I - Northeast of Interstate 215
- Bunker Hill II - West of Mentone Fault
- Bunker Hill II - East of Mentone Fault
- Lytle Basin - Southeast of Barrier J
- Lytle Basin - Northwest of Barrier J
- Pressure Zone - North of Santa Ana Wash
- Pressure Zone - Santa Ana Wash



Due to variations of changes in groundwater level elevation, the Bunker Hill II - East of Mentone Fault was further subdivided into storage units North of Redlands Fault and Southeast of Redlands Fault. These storage units are also shown on **Figure 6**.

#### ***4.2 Area and Storativity***

Each sub-area and storage unit was digitized to estimate its area. Average storativity for each sub-area was determined based on data from Hardt and Hutchinson (1980). Both of these values are shown in **Table 3**. Storativity values ranged from 0.02 for the Pressure Zone to 0.13 for the Lytle Basin - Northwest of Barrier J and Bunker Hill II - East of the Mentone Fault.

#### ***4.3 Groundwater Level Elevation Changes***

In order to determine the annual change in storage for the Bunker Hill Basin, Fall 2007 groundwater level elevation data were compared with the same from Fall 2006. Measurements for 231 wells were available for both periods and the differences are provided in **Appendix A**. These differences are plotted on **Figure 8** using a graduated symbol color. Those wells with the largest decline in groundwater elevation are shown in red, while those with the largest increase are displayed in blue.

Average changes in groundwater levels were determined by averaging the changes for all wells in each of the eight sub-areas and storage units as shown in **Table 3**.

#### ***4.4 Change in Groundwater Storage***

The total annual change in storage for the Bunker Hill Basin was determined by summing the changes from each sub-area. Changes in groundwater storage for the period Fall 2006 to Fall 2007 for the Bunker Hill Basin were calculated using the following formula:



$$Q_{\Delta \text{ storage}} = \sum A_i \times S_i \times \Delta h_i$$

where:

$Q_{\Delta \text{ storage}}$  = Annual change in storage for the Bunker Hill Basin, (acre-feet)

$A_i$  = Area of sub-area and storage unit  $i$ , (acres)

$S_i$  = Storativity of sub-area and storage unit  $i$

$\Delta h_i$  = Average water level change of sub-area and storage unit  $i$ , (feet)

As shown in **Table 3**, the change in groundwater storage for the Bunker Hill Basin between Fall 2006 and Fall 2007 was a decrease of 113,900 acre-feet.

## 5.0 **Task 2 - Accumulated Change in Storage (Fall 1993 to Fall 2007)**

For purposes of this report, the accumulated change in storage as of the last day of the preceding water year (June 30, 2007) was based on the changes in water levels between Fall 1993, when the accumulated basin change in storage was considered “zero”, and the Fall of 2007.<sup>2</sup> The accumulated change in storage as of June 30, 2007 was determined by adding the change in storage for the preceding water year (July 1, 2006 to June 30, 2007) of (-113,900 acre-feet), determined in Section 4.4, to the accumulated change in storage as of June 30, 2006 (-245,500). The result of this calculation is an accumulated decrease in storage for the Bunker Hill Basin of 359,400 acre-feet.

<sup>2</sup> In the District’s Engineering Investigation (EI) prior to 1993-94, the accumulated change in storage was based on the basin storage in 1984 as considered full. A concern arose regarding the flooding of basements due to high groundwater levels in the Pressure Zone of the Bunker Hill Basin. Therefore, in response to the City of San Bernardino’s comments on accumulated change in storage, all EI’s since that time are based on 1993 basin storage levels considered as full.





**Table 4** summarizes the accumulated change in storage of the Bunker Hill Basin for the period 1987 to 2007 based on 1993 as the “zero accumulated storage year”. The accumulated storage values are also displayed on **Figure 9** with the percent of normal precipitation for the San Bernardino County Hospital station. As would be expected, storage generally increases with above average rainfall and decreases with normal and below average rainfall.

## **6.0 Task 3 - Total Groundwater Production for the Preceding Water Year (July 1, 2006 to June 30, 2007)**

Production data for the preceding water year (July 1, 2006 to June 30, 2007) for the Bunker Hill Basin were obtained from the primary water purveyors as listed in Section 2.4. Production data for wells owned by some smaller water agencies were not available and were estimated using previous year and calendar year 2006 data published by the Western - San Bernardino Watermaster and Western Municipal Water District, respectively.

**Appendix C** shows the production for each groundwater well in the Bunker Hill Basin for the period July 2006 through June 2007. As summarized on the last page of the appendix, groundwater production from the Bunker Hill Basin for the preceding water year was approximately 209,739 acre-feet. **Table 5** summarizes the Bunker Hill Basin groundwater production for each of the sub-areas defined in Section 4.1.

Groundwater production within the Bunker Hill Basin during the period July 2006 through June 2007 is shown on **Figure 10**. Each well is displayed with a graduated size symbol based on its annual production. The Pressure Zone has the greatest density of higher producing facilities with pockets of substantial production scattered throughout the rest of the basin.



## 7.0 **Task 4** - Estimate of the Annual Change in Storage for the Current Water Year (July 1, 2007 to June 30, 2008)

To estimate annual change in storage for the current water year, a multiple regression analysis was performed for the period between 1991-92 and 2004-05 for three parameters.

- Annual Change in Storage
- Precipitation
- Production

In Engineering Investigations (EI) prior to 1998, data for the period 1982 calendar year through 1991 calendar year were also utilized in the regression analysis. The only production data available for this time frame were based on a calendar year period instead of the June to July period required in the EI. Since 1991-92 more accurate and more complete production data for the July to June period have become available as the District has compiled detailed information for its EI. Since 1998, the regression analysis has not included pre-1991 data to more accurately represent June through July production.

Annual change in storage for the current water year is estimated using the following relationship between change in storage, precipitation, production, and the calculated regression coefficients.

$$Q_{\text{Annual } \Delta \text{ storage}} = -221,564 + 8,171 Q_{\text{prec}} + 0.125 Q_{\text{prod}}$$

where:

$Q_{\text{Annual } \Delta \text{ storage}}$  = Annual change in storage, (acre-feet)

$Q_{\text{prec}}$  = Annual Precipitation, inches

$Q_{\text{prod}}$  = Annual Production, acre-feet



A nomograph, constructed using the above equation, is shown on **Figure 11**. Through the use of this chart or the equation above, annual change in storage can be estimated for a given set of annual precipitation and production values. The precipitation used in the nomograph is based on the average of the representative Bunker Hill Basin drainage area stations listed in **Table 6**.

The average annual precipitation for eight of the ten stations with recent data is approximately 22.5 inches (**Table 6**), while the average for the preceding water year was 7.9 inches (35 percent of normal). Historic annual precipitation values are plotted in **Appendix D** for these eight stations and twelve other local stations.

**Table 6** shows that for the period between July 2007 and December 2007, precipitation was 89 percent of normal for the eight stations with data. For purposes of this report, it was assumed that precipitation for the rest of the current water year (January 2008 to June 2008) would be average. Therefore, precipitation for the current water year (July 2007 to June 2008) was estimated to be 97 percent of normal or 21.8 inches of rainfall ( $0.97 \times 22.5$ ).

Based on these assumptions, the estimated production for the current water year will be approximately 239,972 acre-feet as shown on **Figure 12**. Using this result on **Figure 11**, an estimated change in storage for the current water year (July 2007 to June 2008) of -13,440 acre-feet was determined.

## **8.0 Task 5 - Estimate of the Annual Change in Storage for the Ensuing Water Year (July 1, 2008 to June 30, 2009)**

The annual change in storage for the ensuing water year (July 1, 2008 to June 30, 2009) was estimated using the same method as described in Section 7.0. It was assumed that precipitation for the ensuing water year would be 100 percent of normal or 22.5 inches. Based on this assumption, the estimated production for the ensuing water year will be approximately 239,124 acre-feet as shown on **Figure 13**. Again, using this result in the nomograph shown on **Figure 11**, the estimated annual change in storage for the ensuing water year (July 1, 2008 to June 30, 2009) is -7,826 acre-feet.



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## **9.0 Task 6 - Average Annual Change in Storage for the Immediate Past Ten Water Years**

**Table 7** shows the average annual change in storage for the immediate past ten water years (Fall 1997 to Fall 2007) using the same method as described in Section 4.0. By summing the average annual change in storage for each sub-area, a total average annual change in storage for the Bunker Hill Basin for the immediate past ten water years was determined to be -41,400 acre-feet.

## **10.0 Task 7 - Estimated Amount of Agricultural Water and Other Than Agricultural Water to be Withdrawn for the Ensuing Water Year (July 1, 2008 to June 30, 2009)**

The estimated amount of agricultural water and other than agricultural water to be withdrawn within the District for the ensuing water year (July 1, 2008 to June 30, 2009) was based on the following equations:

$$Q_{agr(08-09)} = Q_{agr(06-07)} \times \left[ \frac{(Q_{total(08-09)} - Q_{surf(08-09)})}{(Q_{total(06-07)} - Q_{surf(06-07)})} \right]$$

and

$$Q_{non-agr(08-09)} = Q_{non-agr(06-07)} \times \left[ \frac{(Q_{total(08-09)} - Q_{surf(08-09)})}{(Q_{total(06-07)} - Q_{surf(06-07)})} \right]$$

where:

- $Q_{agr(08-09)}$  = Agricultural use within the District for the ensuing water year, acre-ft
- $Q_{agr(06-07)}$  = Agricultural use within the District for the preceding water year, acre-ft (Appendix C)
- $Q_{total(08-09)}$  = Production (including surface diversion) from the Bunker Hill Basin for the ensuing water year, acre-ft (Figure 13)
- $Q_{total(06-07)}$  = Production (including surface diversion) from the Bunker Hill Basin for the preceding water year, acre-ft (Appendix C)
- $Q_{non-agr(08-09)}$  = All other uses within the District for the ensuing water year, acre-ft
- $Q_{non-agr(06-07)}$  = All other uses within the District for the preceding water year, acre-ft (Appendix C)
- $Q_{surf(08-09)}$  = Surface diversions from the Bunker Hill Basin for the ensuing water year, acre-ft (Table 8)
- $Q_{surf(06-07)}$  = Surface diversions from the Bunker Hill Basin for the preceding water year, acre-ft (Appendix C)

Data on agricultural use and all other uses within the District for the preceding water year (July 1, 2006 to June 30, 2007) are provided in **Appendix C**. For the period July 1, 2006 through June 30, 2007 approximately 15,135 acre-feet of groundwater was produced for agricultural applications within the District boundary. For the same period, approximately 89,682 acre-feet of groundwater was produced for all other uses within the District boundary. Using the equations presented above with the following values inserted:



$$Q_{agr(06-07)} = 15,135 \text{ acre-feet}$$

$$Q_{total(08-09)} = 239,124 \text{ acre-feet}$$

$$Q_{total(06-07)} = 209,739 \text{ acre-feet}$$

$$Q_{non-agr(06-07)} = 89,682 \text{ acre-feet}$$

$$Q_{surf(08-09)} = 43,334 \text{ acre-feet}$$

$$Q_{surf(06-07)} = 36,777 \text{ acre-feet}$$

The estimated production within the District for the ensuing water year for agricultural uses and other than agricultural uses is:

$$\begin{aligned} Q_{agr(08-09)} &= 15,135 \times [(239,124 - 43,334) / (209,739 - 36,777)] \\ &= 17,133 \text{ acre-feet} \end{aligned}$$

$$\begin{aligned} Q_{non-agr(08-09)} &= 89,682 \times [(239,124 - 43,334) / (209,739 - 36,777)] \\ &= 101,518 \text{ acre-feet} \end{aligned}$$

By summing these two results, it is estimated that 118,651 acre-feet of groundwater will be withdrawn within the District for the ensuing water year (July 1, 2008 to June 30, 2009).



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## **11.0 Task 8 - Estimated Amount of Water for Surface Distribution for the Ensuing Water Year (July 1, 2008 to June 30, 2009)**

The amount of water for surface distribution for the ensuing water year (July 1, 2008 to June 30, 2009) was estimated based on the average surface diversions for the Santa Ana River, Mill Creek, and Lytle Creek for the period 1983 to 2006.

As shown in **Table 8**, average surface diversions for the Santa Ana River, Mill Creek, and Lytle Creek between 1983 and 2006 were 23,363, 11,342 and 8,629 acre-feet, respectively. Therefore, the total estimated amount of water for surface distribution from the Bunker Hill Basin for the ensuing water year (July 1, 2008 to June 30, 2009) is found by summing the diversions as follows:

$$\text{Bunker Hill Surface Distribution} = 23,363 + 11,342 + 8,629 = 43,334 \text{ acre-feet}$$

As Lytle Creek is not within the District, the estimated amount of surface distribution from the District for the ensuing water year (July 1, 2008 to June 30, 2009) is the sum of the Santa Ana River and Mill Creek distributions.

$$\text{District Surface Distribution} = 23,363 + 11,342 = 34,705 \text{ acre-feet}$$

## **12.0 Task 9 - Estimated Amount of Water for Replenishment of the Groundwater Supplies for the Ensuing Water Year (July 1, 2008 to June 30, 2009)**

The amount of water necessary from all sources, including natural recharge, to maintain constant groundwater supplies in the Bunker Hill Basin for the ensuing water year (July 1, 2008 to June 30, 2009) is estimated as follows:



---

Replenishment = Total Production - Surface Diversions - Change in Storage

or,

$$Q_{\text{Replenishment (08-09)}} = Q_{\text{prod (08-09)}} - Q_{\text{surf (08-09)}} - Q_{\text{Annual } \Delta \text{ storage (08-09)}}$$

The estimated production and surface diversions from the Bunker Hill Basin for the ensuing water year (July 1, 2008 to June 30, 2009) were estimated as approximately 239,124 acre-feet (from **Figure 13**) and 43,334 acre-feet (from **Table 8**), respectively. The estimated change in storage determined in Section 8.0 and shown on **Figure 11** is a decrease of 7,826 acre-feet. Therefore, the amount of water necessary for replenishment of the groundwater supplies of the Bunker Hill Basin is estimated as follows:

$$Q_{\text{Replenishment (08-09)}} = 239,124 - 43,334 + 7,826 = 203,616 \text{ acre-feet}$$

The amount of water necessary to maintain constant groundwater supplies within the District for the ensuing water year (July 1, 2008 to June 30, 2009) is estimated using the same equation as shown above, but substituting values for the District area. The estimated production within the District for the ensuing water year is estimated as approximately 118,651 acre-feet (from Section 10.0) and 34,705 acre-feet (from Section 11.0), respectively. The change in storage for the ensuing water year for the District is estimated as a decrease of 3,913 acre-feet (assumed to be half of the Bunker Hill Basin). Therefore, the amount of water necessary for replenishment of the District's groundwater supplies for the ensuing water year (July 1, 2008 to June 30, 2009) is:

$$Q_{\text{Dist Replenishment (08-09)}} = (118,651 + 34,705) - 34,705 + 3,913 = 122,564 \text{ acre-feet}$$

The amount of groundwater recharge that must occur from all sources, including natural recharge, in order to bring the basin back to "full" in the ensuing water year is determined as follows:





---

$$Q_{\text{Replenishment}} = - Q_{\text{Accumulated } \Delta \text{ storage (93-07)}} - Q_{\text{Annual } \Delta \text{ storage (07-08)}} + Q_{\text{Replenishment (08-09)}}$$

$$Q_{\text{Replenishment}} = 359,400 + 13,440 + 203,616 = 576,456 \text{ acre-feet}$$

### **13.0 General Findings**

In addition to the above findings, Section 75505 of the California Water Code requires that a finding be made as to the amount of water necessary to be replaced in the intake areas of the groundwater basins within the District to prevent the landward movement of salt water into the fresh groundwater body, or to prevent subsidence of the land within the District. Because of its location and the elevations of its water table, the Bunker Hill Basin is not subject to salt-water intrusion and the current groundwater levels will not result in any significant land subsidence.

Section 75540 of the California Water Code requires that the District Board establish a zone or zones where a groundwater charge is to be implemented. The Code specifically states that a single zone may include the entire District and in May 1993 the Board established the entire District as one zone. This determination may be amended in the future, but lacking any evidence to the contrary, in the 2008-09 year the entire District will remain as a single zone in regard to any groundwater charge.

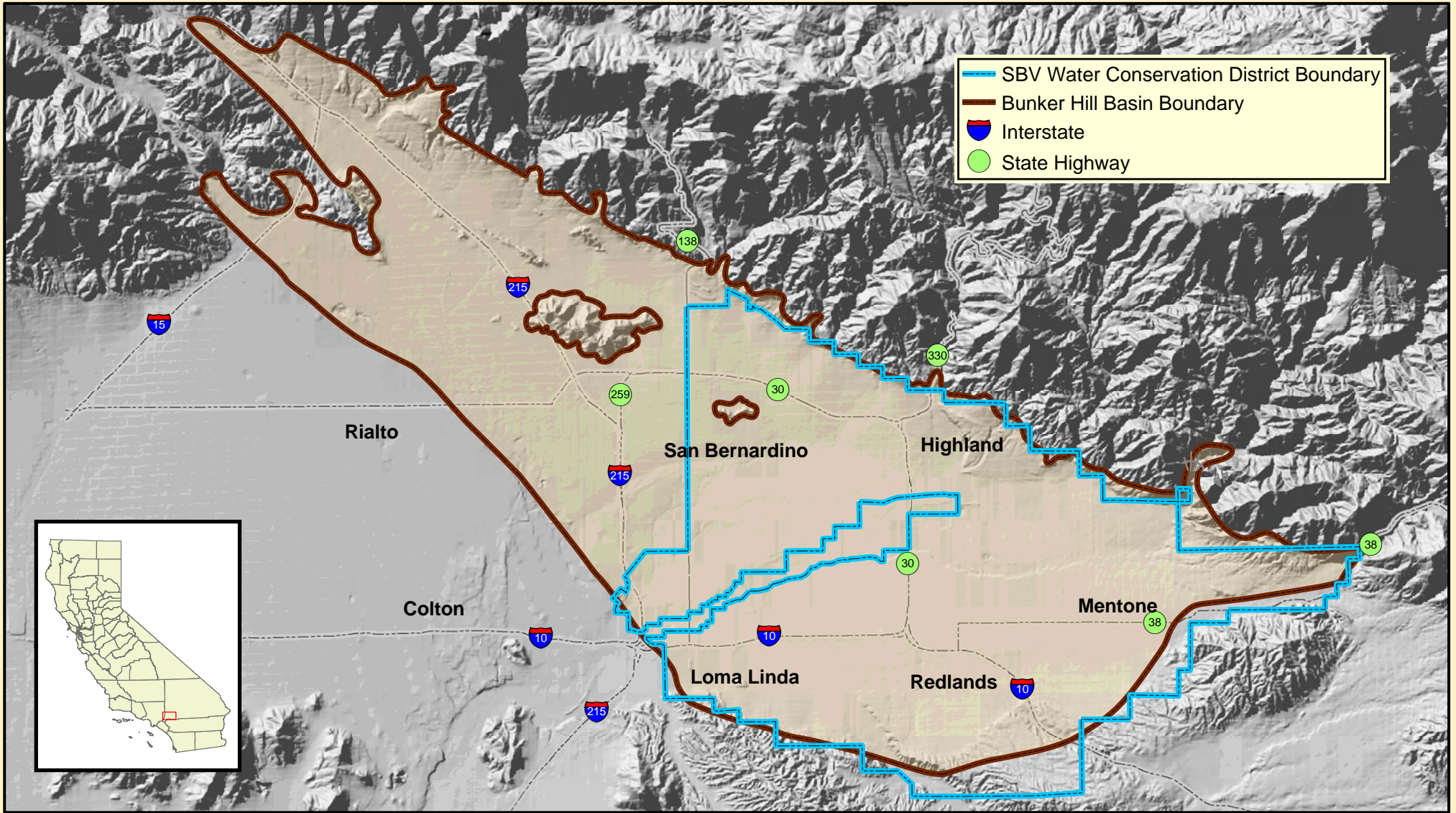
Section 75561 of the California Water Code further requires the Engineering Investigation to include a finding related to the amount of water the District is obligated by contract to purchase. At this time the District has no contractual obligation to purchase water for the replenishment of the groundwater supplies.

### **14.0 Conclusions**

Based on the results of the 2008 Engineering Investigation, the San Bernardino Valley Water Conservation District finds that:



- 
- Due to the imbalance between recharge and production since 1993, the Bunker Hill Basin's storage is 359,400 acre-feet below that which is considered full for purposes of this Investigation.
  - During the ensuing water year (July 1, 2008 to June 30, 2009), the Bunker Hill Basin can be recharged, from all sources, with 576,456 acre-feet of water. This recharge quantity is derived by adding together the accumulated deficit as of the end of the preceding water year with the estimated quantity needed to maintain the 1993 storage level considered full.
  - The District should continue to take the necessary steps to enhance its capability to conduct recharge operations, which includes construction of new, or maintenance and repair of existing, diversion facilities, canals, dikes, basins, roads, and other water recharge facilities. These improvements are required to ensure that the increasing demands on the Basin, especially during drought periods, can be met.



State Plane  
NAD 83, Zone V, feet  
30M DEM



0 0.5 1 2 3 Miles

# Project Area Map

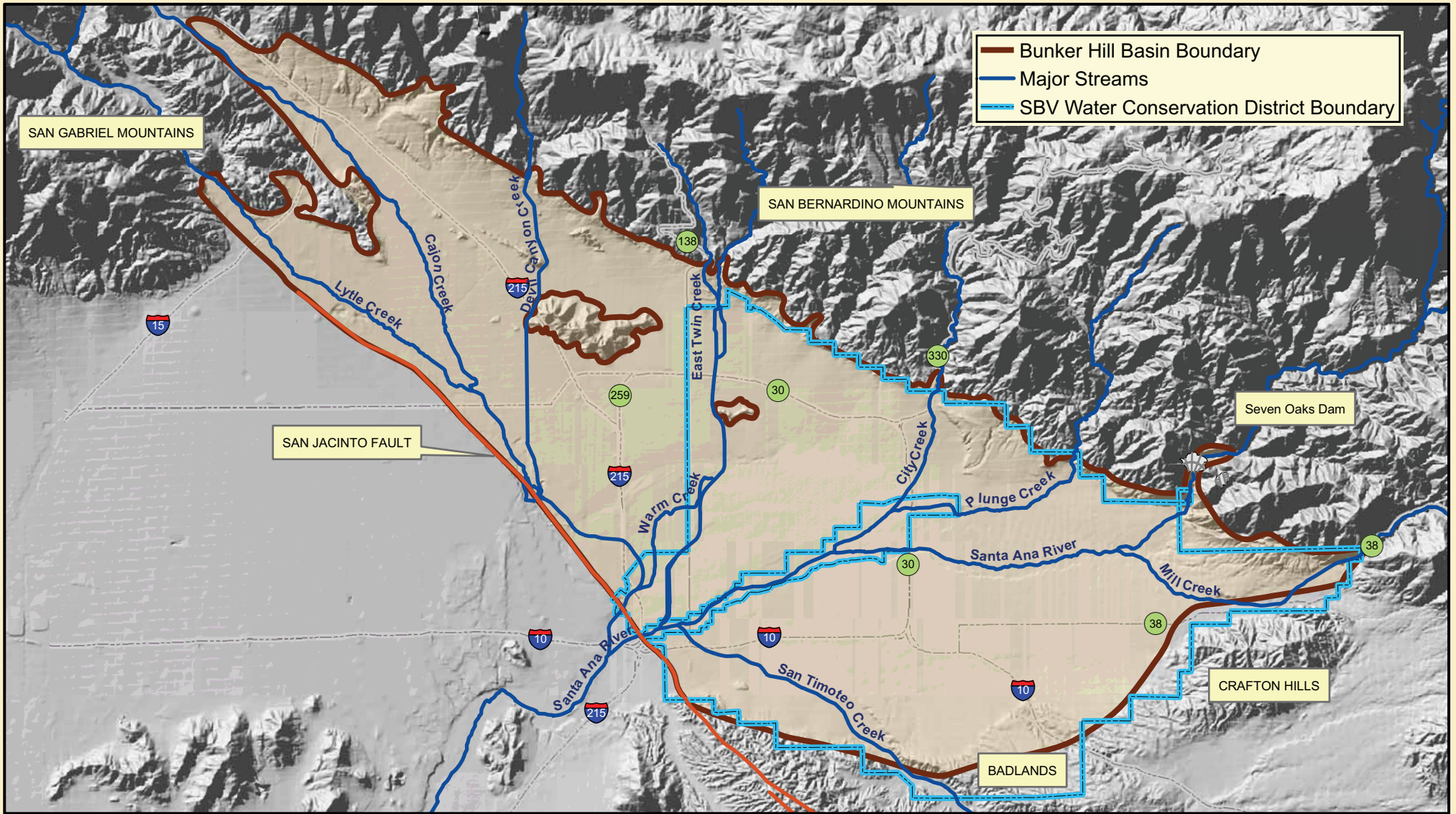
Engineering Investigation  
March 2008



Source: SBVWCD GIS



Figure 1



State Plane  
 NAD 83, Zone V, feet  
 30M DEM



0 0.5 1 2 3 Miles

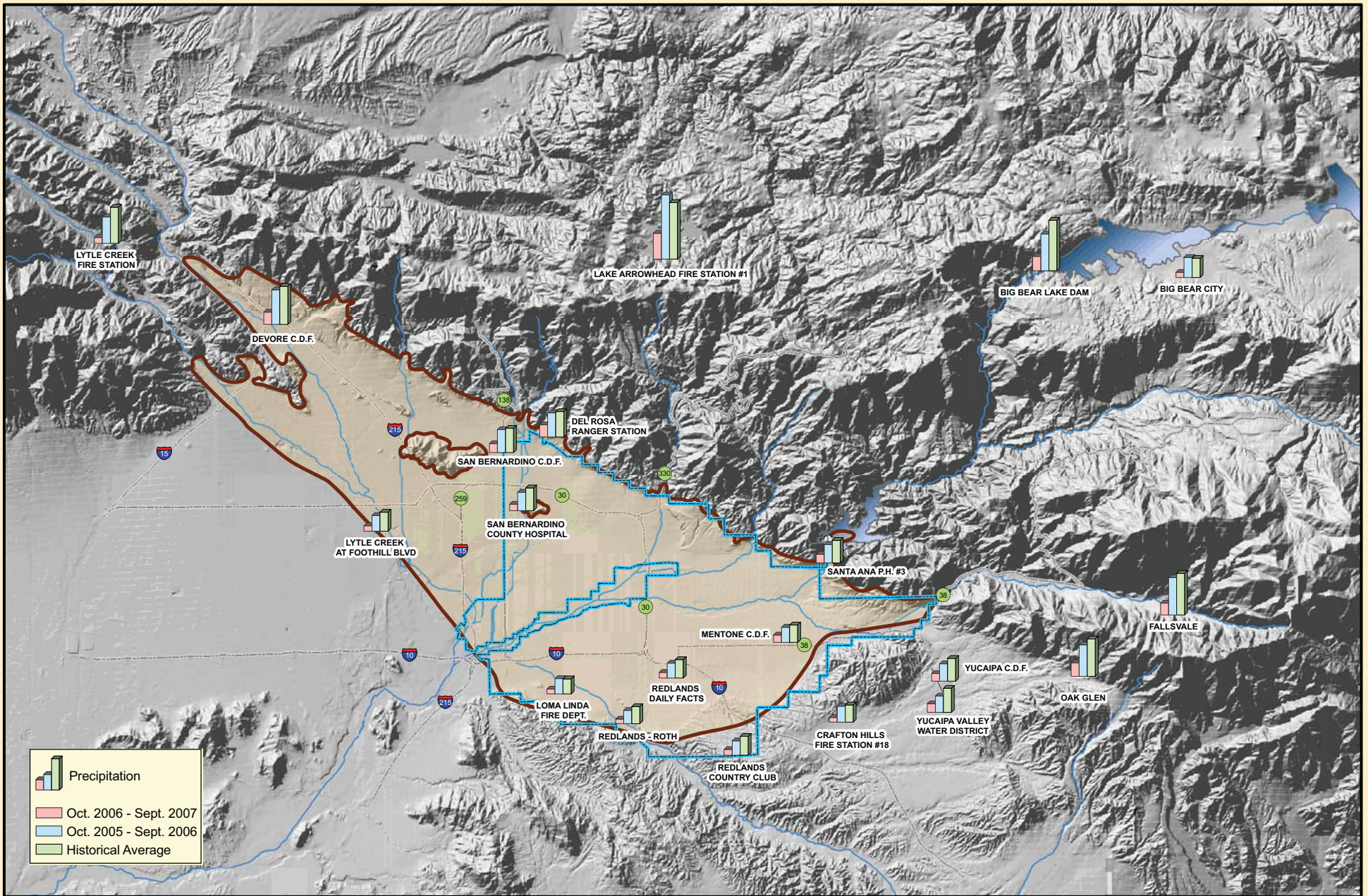
# Bunker Hill Basin Watershed

Engineering Investigation  
 March 2008

Source: SBVWCD GIS



Figure 2



State Plane  
 NAD 83, Zone V, feet  
 30 M DEM



0 1 2 4 6 Miles

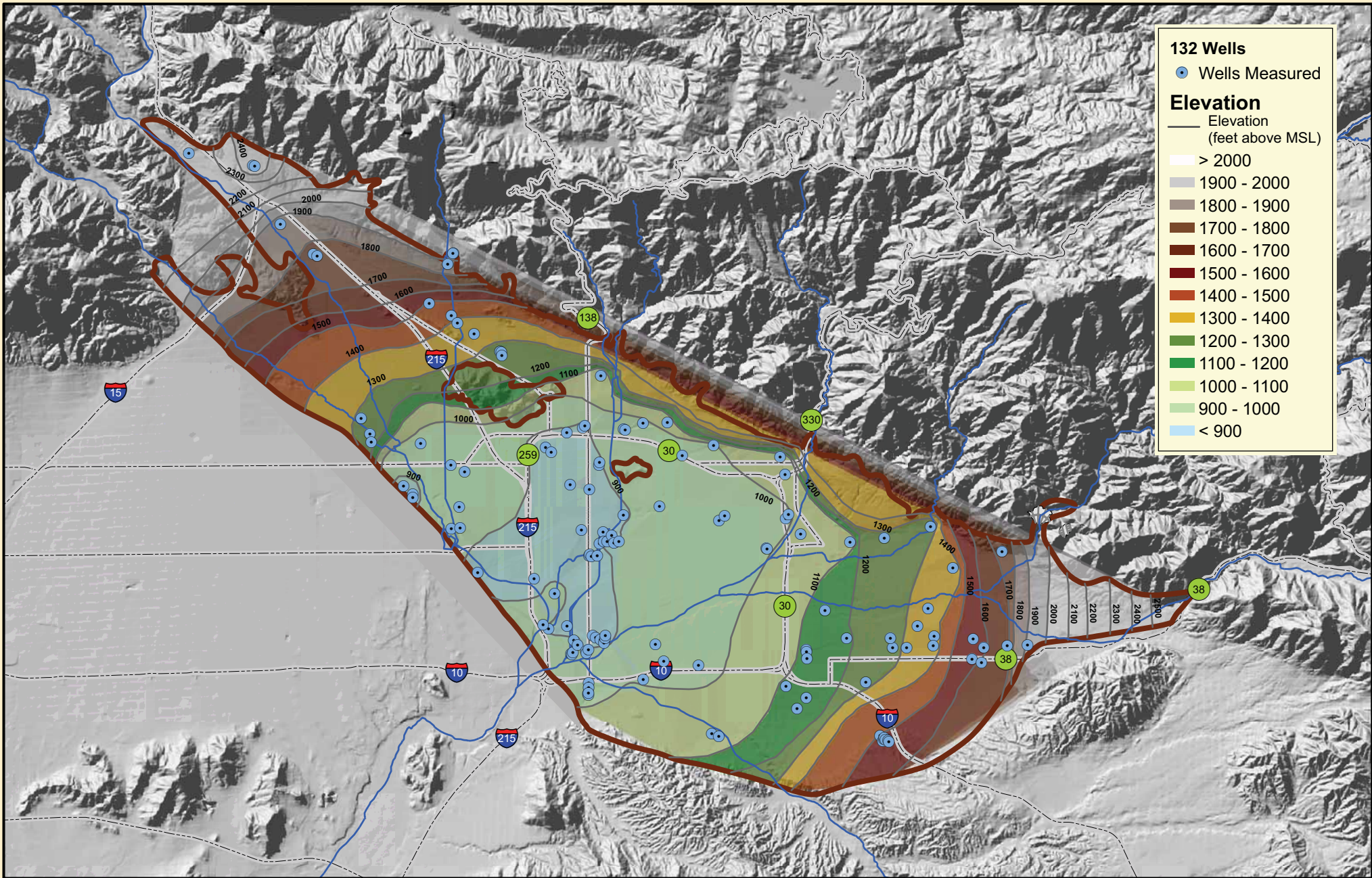
## Annual Precipitation for 2005-2007 Compared to Historical Average

Engineering Investigation  
 March 2008

Source: SBWVCD GIS



Figure 3



State Plane  
NAD 83, Zone V, feet  
30M DEM



0 0.5 1 2 3 4 Miles

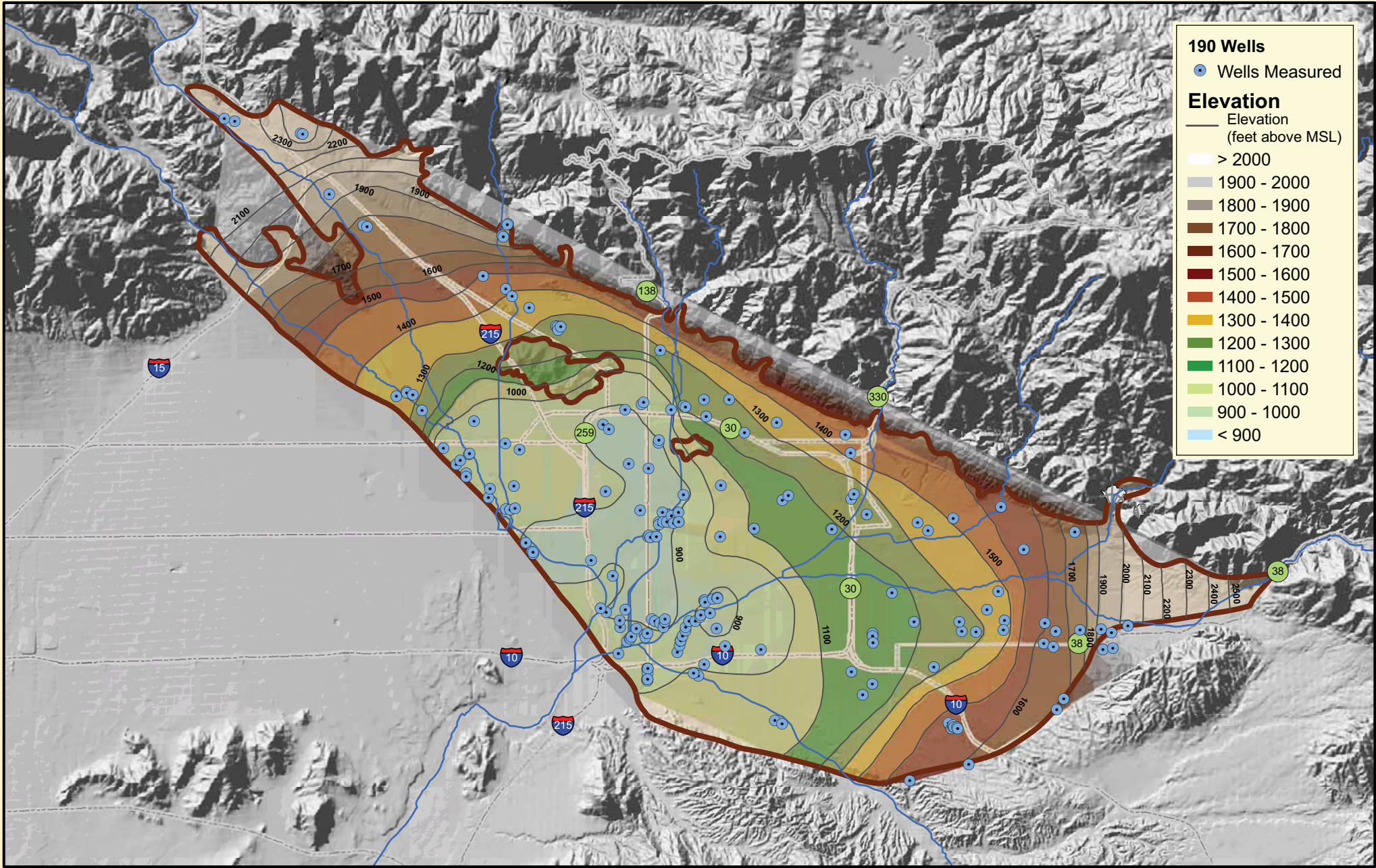
# Fall 2007 Conceptual Groundwater Contours

Engineering Investigation  
March 2008

Source: SBVWCD GIS



Figure 4



State Plane  
NAD 83, Zone V, feet  
30M DEM



0 0.5 1 2 3 4 Miles

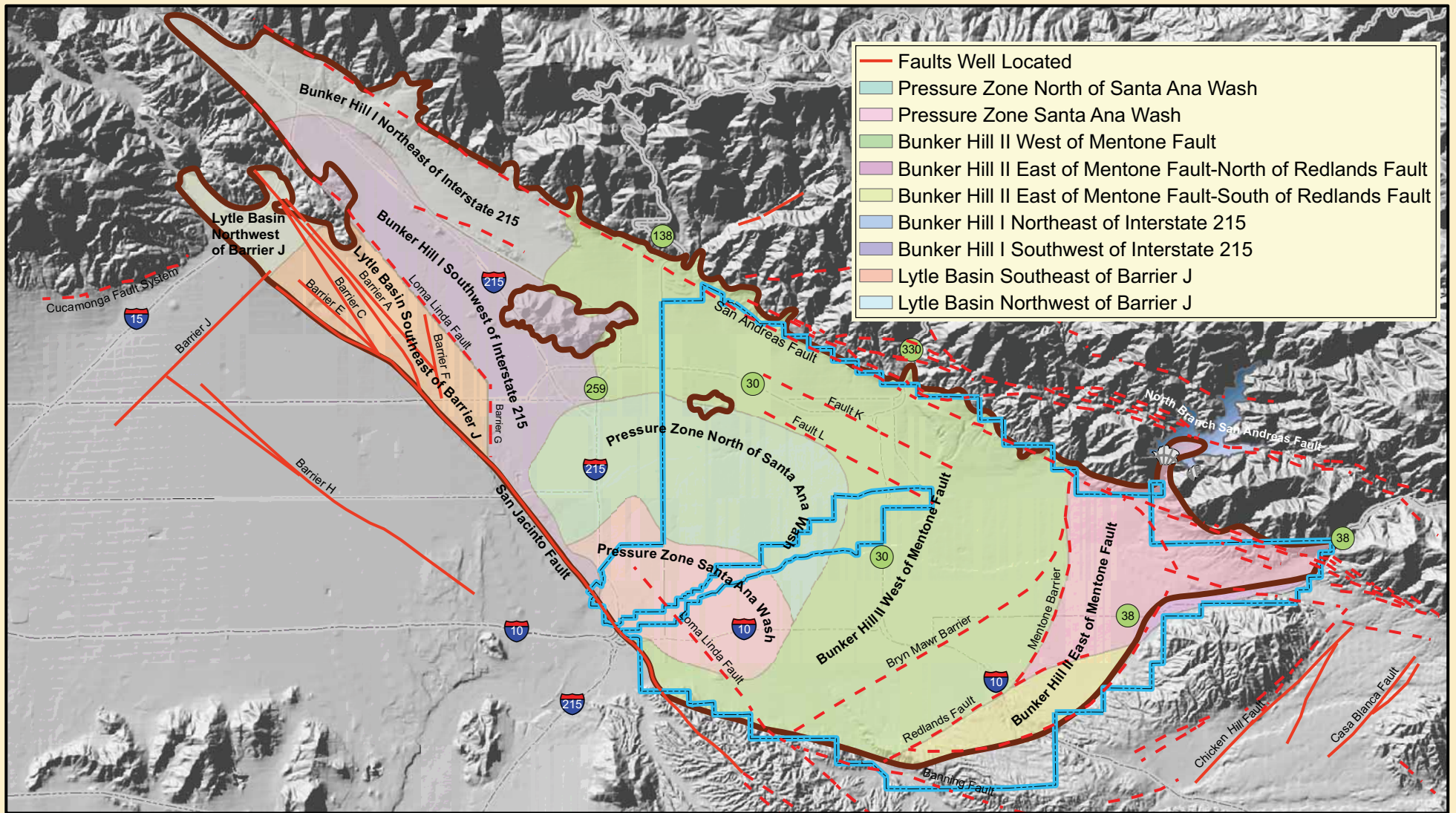
# Fall 2006 Conceptual Groundwater Contours

Engineering Investigation  
March 2008

Source: SBVWCD GIS



Figure 5



State Plane  
NAD 83, Zone V, feet  
30 M DEM



0 0.5 1 2 3 4 Miles

## Sub-Areas of Bunker Hill Basin

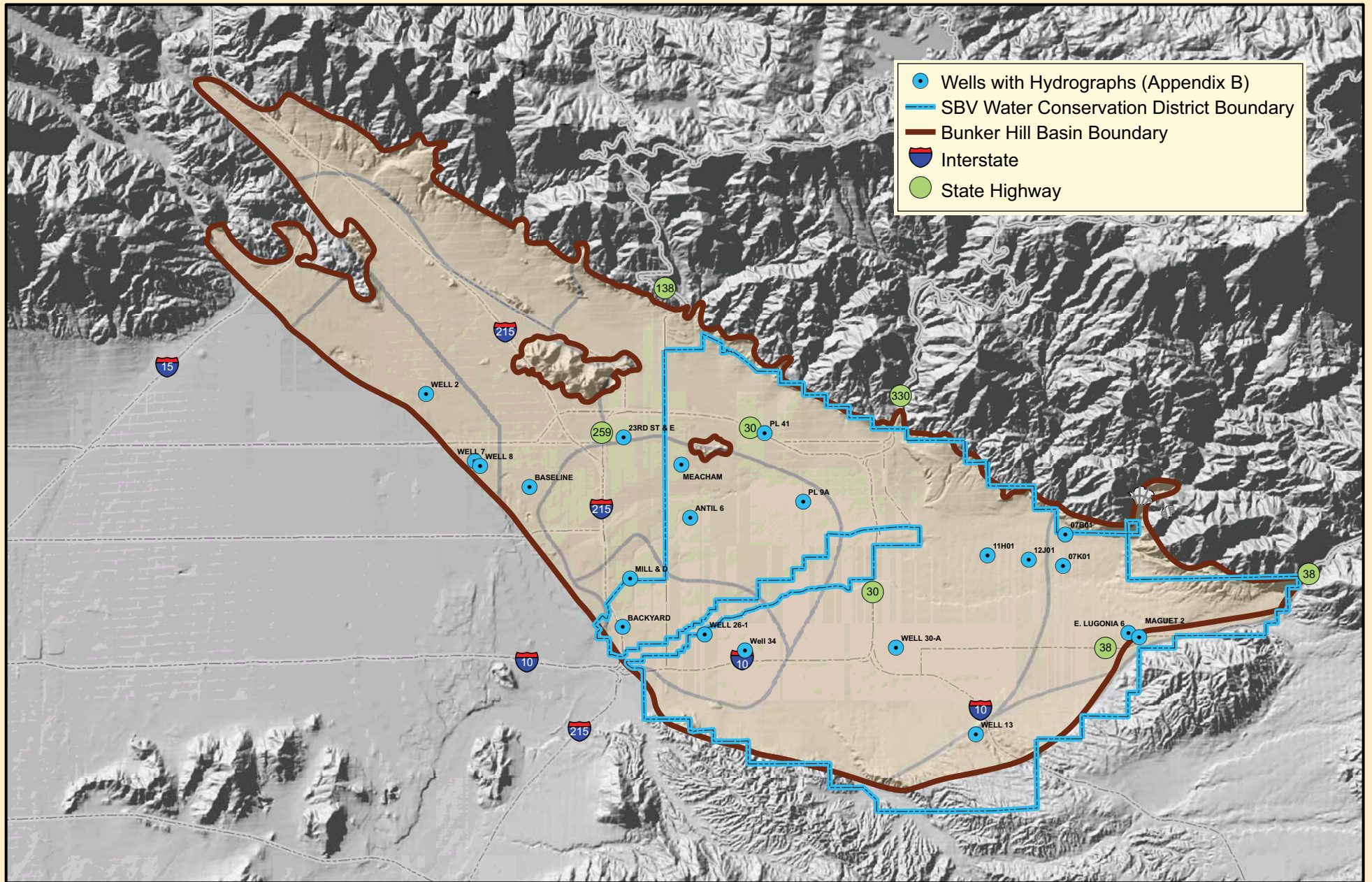
Engineering Investigation  
March 2008

Source: SBVWCD GIS



Figure 6





- Wells with Hydrographs (Appendix B)
- - - SBV Water Conservation District Boundary
- Bunker Hill Basin Boundary
- Interstate
- State Highway

State Plane  
 NAD 83, Zone V, feet  
 30M DEM



0 0.5 1 2 3 4 Miles

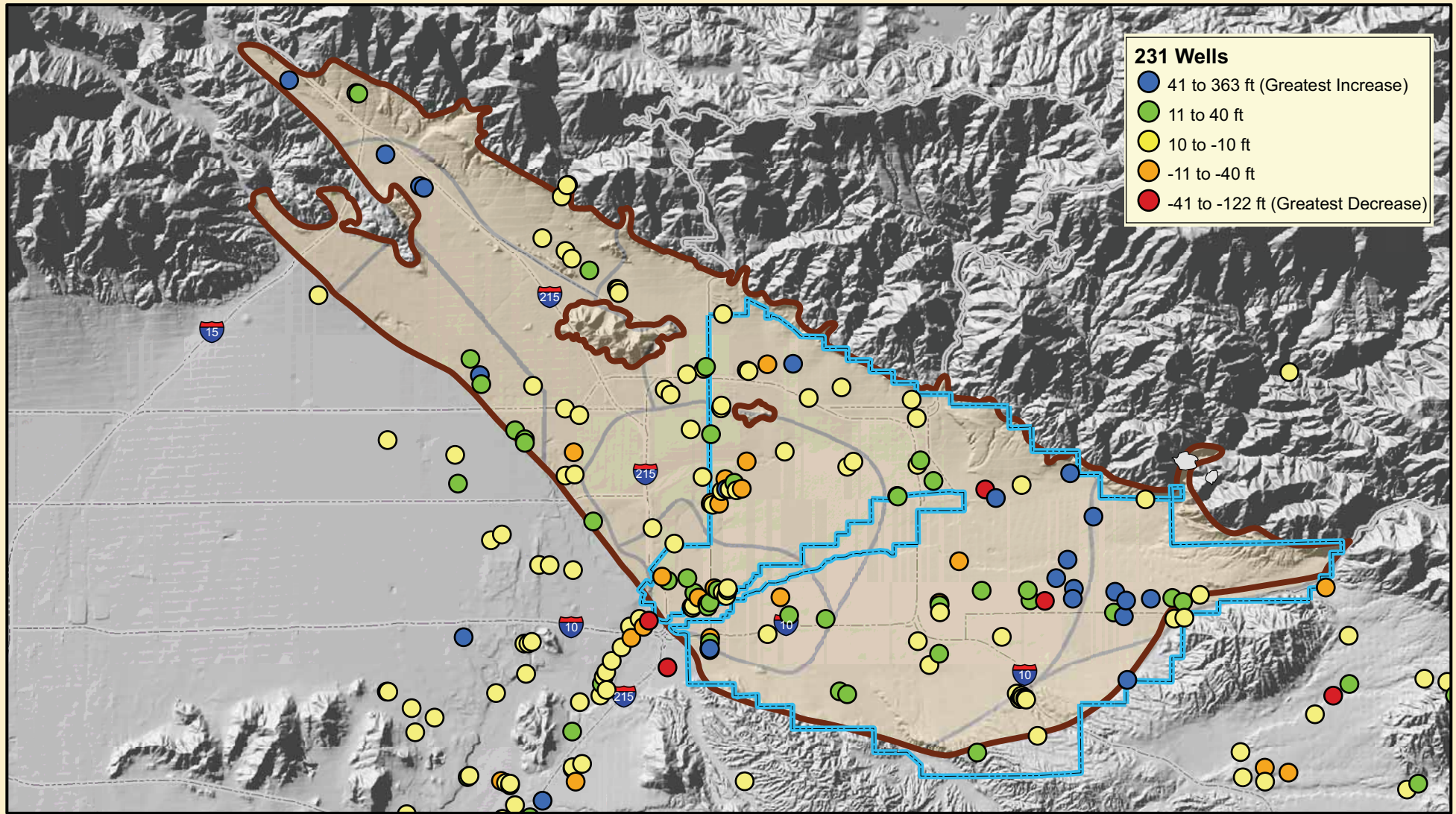
## Locations of Wells with Hydrographs

Engineering Investigation  
 March 2008

Source: SBVWCD GIS



**Figure 7**

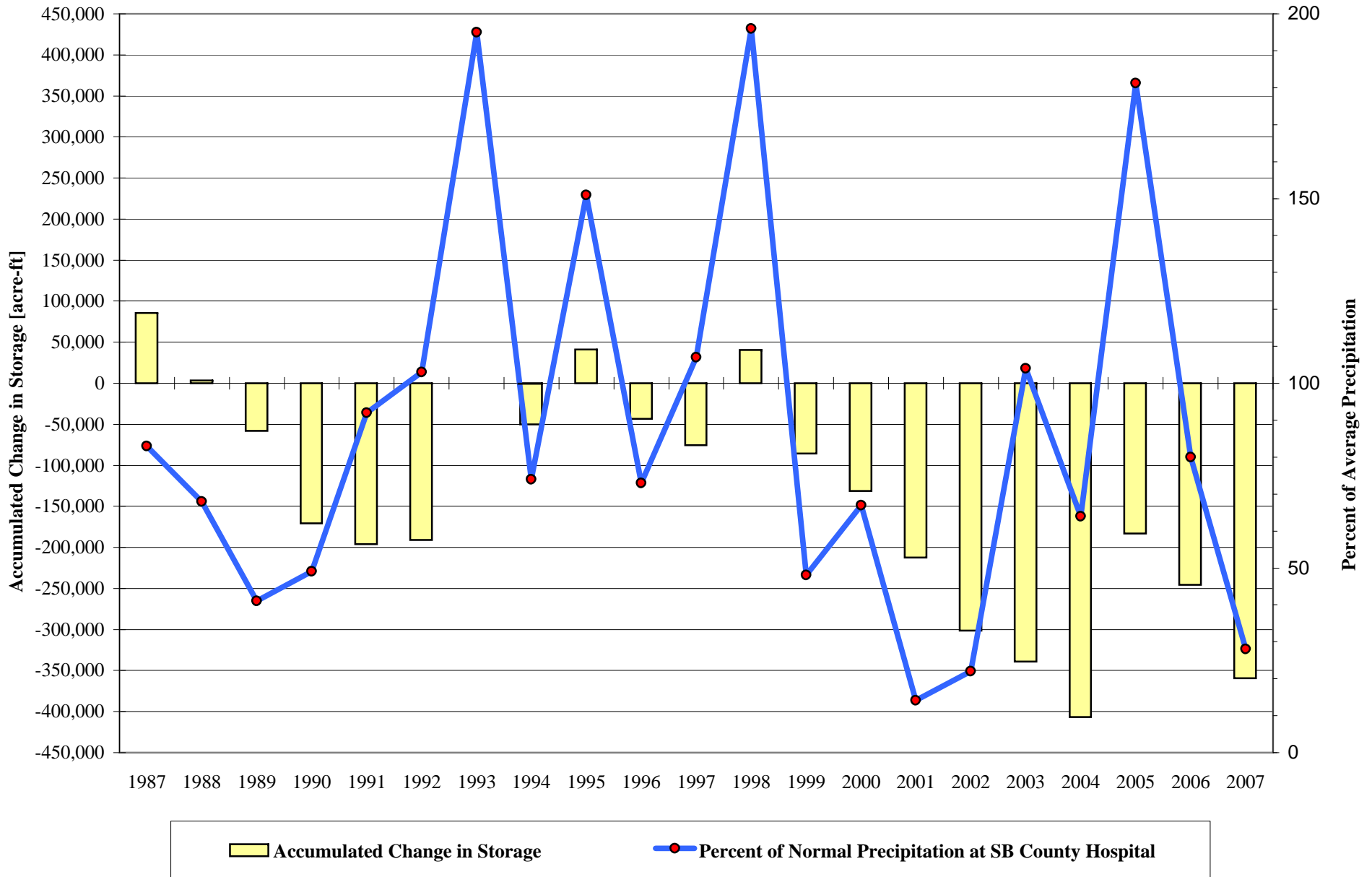


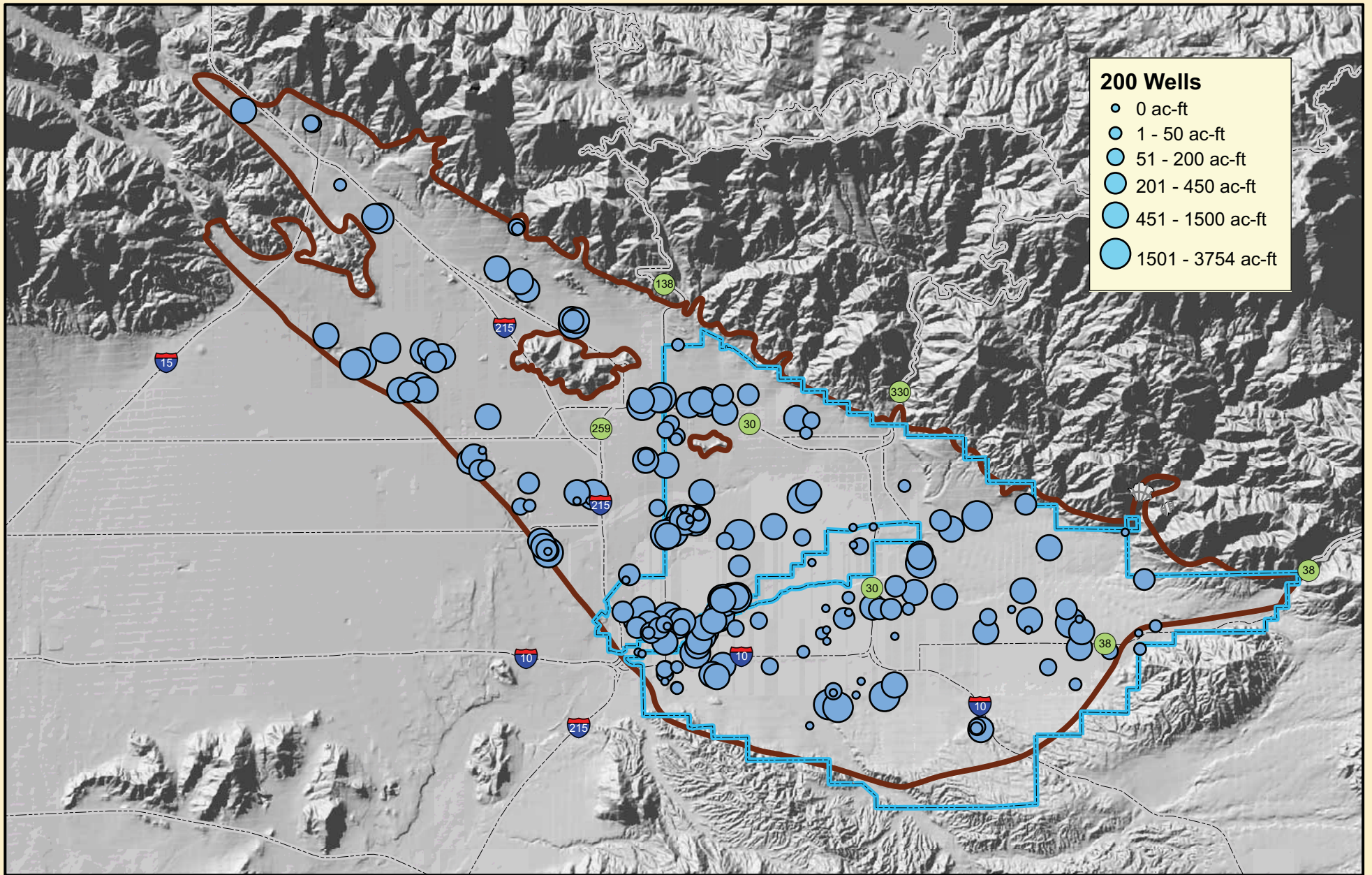
# Difference in Groundwater Elevations: Fall 2006 to Fall 2007

Figure 8

# Accumulated Change in Storage for Bunker Hill Basin

*1987 to 2007 (Based on "Zero Year" of 1993)*





- 200 Wells**
- 0 ac-ft
  - 1 - 50 ac-ft
  - 51 - 200 ac-ft
  - 201 - 450 ac-ft
  - 451 - 1500 ac-ft
  - 1501 - 3754 ac-ft

State Plane  
 NAD 83, Zone V, feet  
 30M DEM



## Groundwater Production in Bunker Hill Basin July 2006 to June 2007

Engineering Investigation  
 March 2008

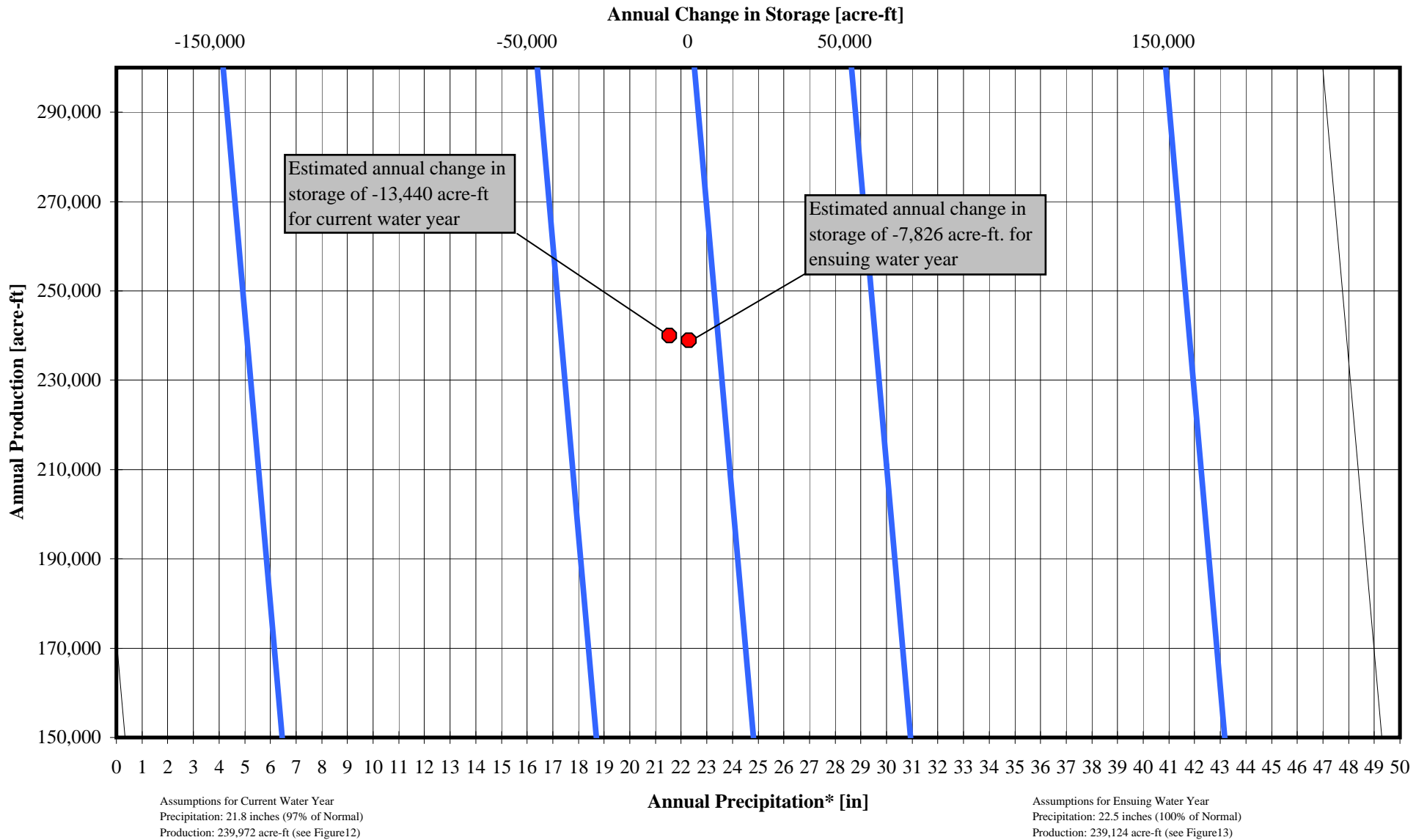
Source: SBVWCD GIS



**Figure 10**

# Prediction Chart for Annual Change in Storage

## Current and Ensuing Water Years

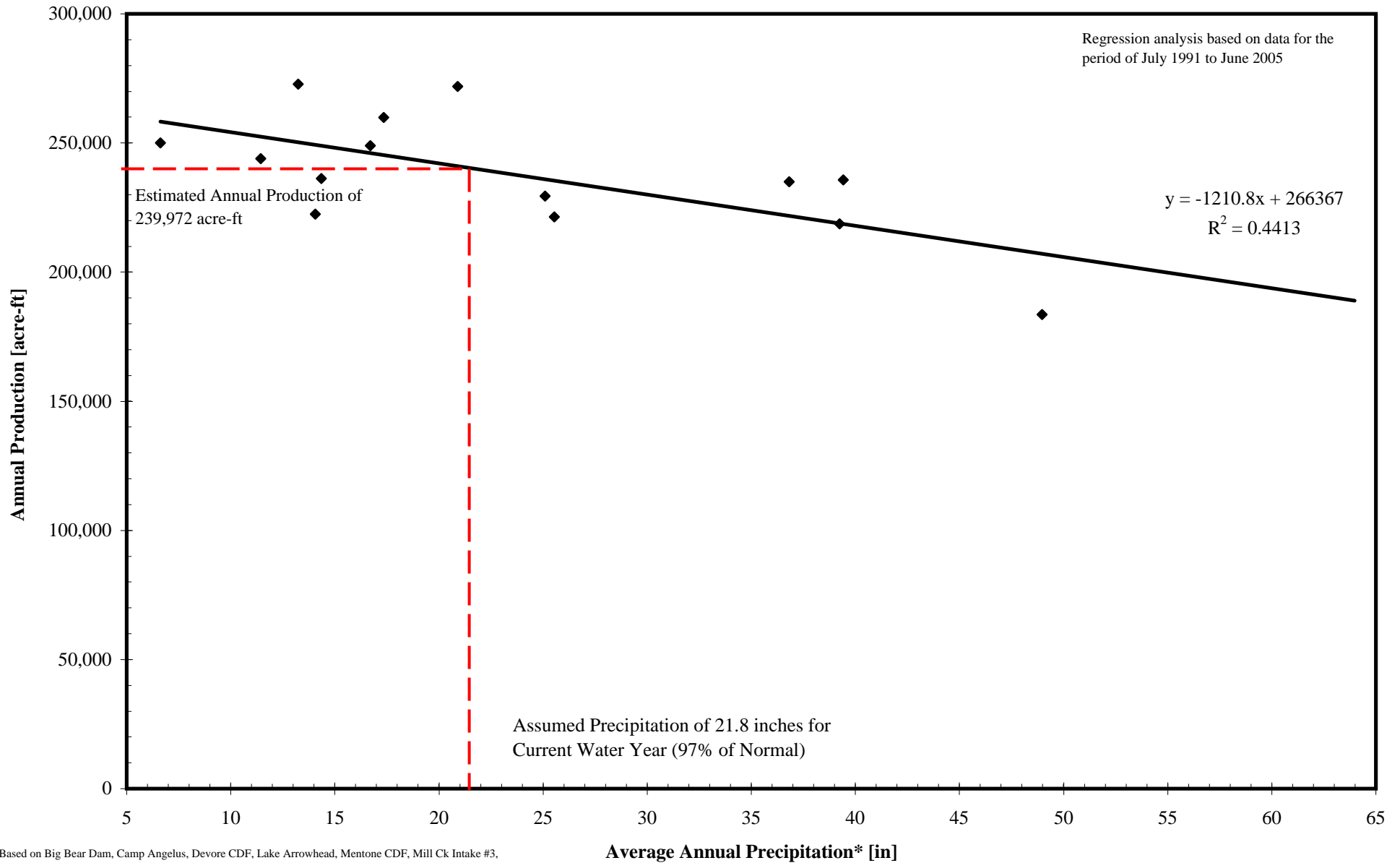


\* Based on Big Bear Dam, Camp Angelus, Devore CDF, Lake Arrowhead, Mentone CDF, Mill Ck Intake #3, Redlands Country Club, San Bernardino County Hospital, Santa Ana Powerhouse #3, and Yucaipa CDF.

$$\text{Change in Storage} = -221,564 + 8,171 \text{ Precipitation} + 0.125 \text{ Production} \quad (R^2 = 0.88)$$

# Estimate of Production for Current Water Year

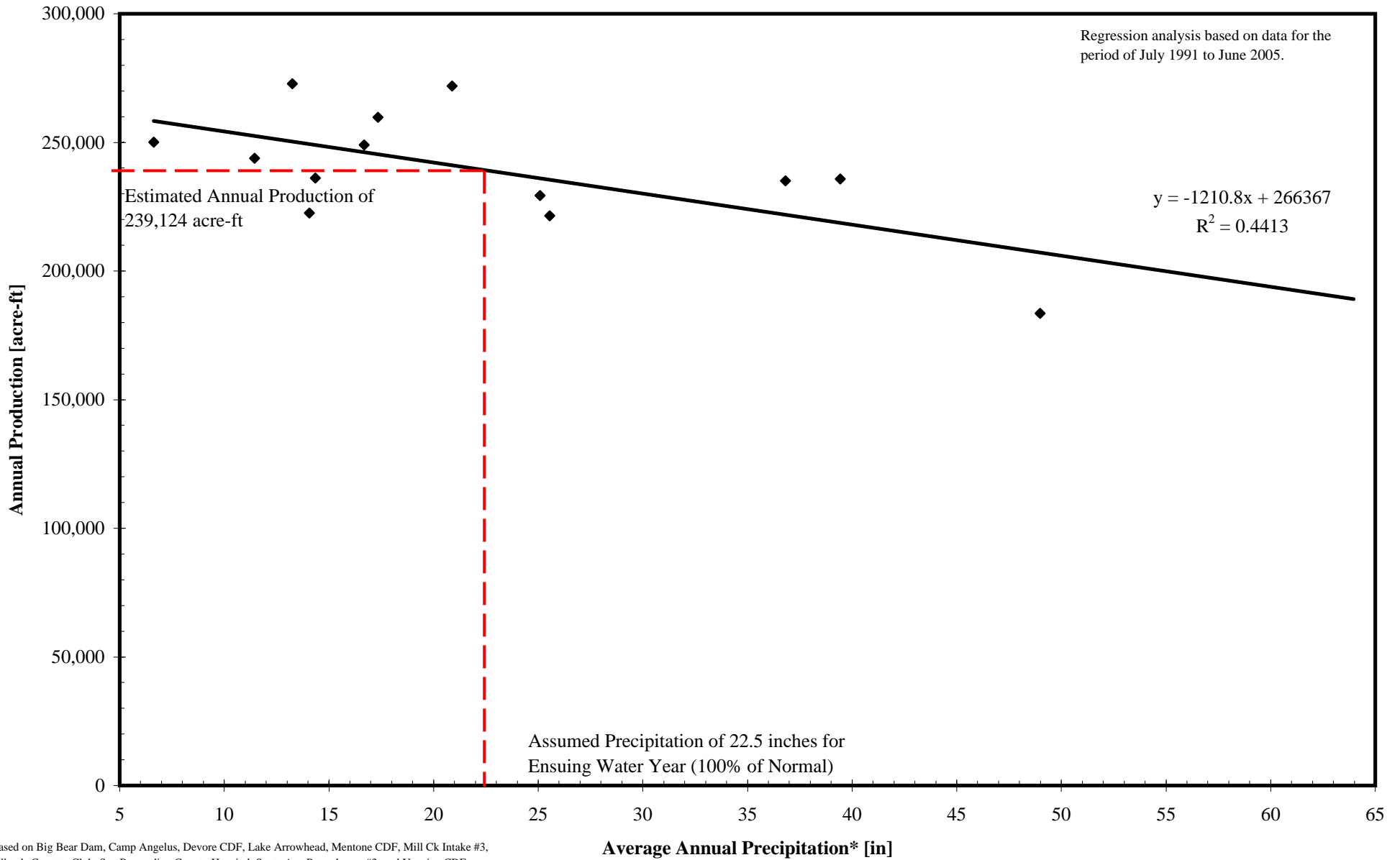
(July 2007 To June 2008)



\*Based on Big Bear Dam, Camp Angelus, Devore CDF, Lake Arrowhead, Mentone CDF, Mill Ck Intake #3, Redlands Country Club, San Bernardino County Hospital, Santa Ana Powerhouse #3, and Yucaipa CDF.

# Estimate of Production for Ensuing Water Year

(July 2008 To June 2009)



\*Based on Big Bear Dam, Camp Angelus, Devore CDF, Lake Arrowhead, Mentone CDF, Mill Ck Intake #3, Redlands Country Club, San Bernardino County Hospital, Santa Ana Powerhouse #3, and Yucaipa CDF.

## Summary of Percentage of Normal Precipitation 1983 to 2007 (Water Year - Oct. to Sept.)

Station	Historic Annual Avg. [in]	1982 -1983 [in]	1983 -1984 [in]	1984 -1985 [in]	1985 -1986 [in]	1986 -1987 [in]	1987 -1988 [in]	1988 -1989 [in]	1989 -1990 [in]	1990 -1991 [in]	1991 -1992 [in]	1992 -1993 [in]	1993 -1994 [in]	1994 -1995 [in]	1995 -1996 [in]	1996 -1997 [in]	1997 -1998 [in]	1998 -1999 [in]	1999 -2000 [in]	2000 -2001 [in]	2001 -2002 [in]	2002 -2003 [in]	2003 -2004 [in]	2004 -2005 [in]	2005 -2006 [in]	2006 -2007 [in]
Big Bear Dam	36.3	41.7	19.3	NA	40.3	19.2	28.9	20.8	17.6	34.8	38.9	81.9	28.7	52.7	24.4	30.0	51.7	14.2	20.6	21.4	9.2	38.1	19.6	59.1	26.4	10.3
Crafton Hills	12.3	18.4	NA	5.9	12.6	9.0	12.1	10.0	6.3	12.3	10.7	23.0	5.5	27.1	7.8	16.7	25.6	7.3	6.4	10.5	2.5	17.6	9.5	31.4	11.5	3.3
Del Rosa Ranger Station	18.4	37.9	11.3	15.4	20.1	9.5	18.9	13.2	12.9	8.8	24.2	41.4	12.3	27.7	14.2	17.3	37.3	8.3	12.7	16.6	6.1	19.7	13.0	38.6	17.4	8.8
Devore CDF	27.6	54.9	21.5	24.0	36.8	12.4	17.9	NA	15.0	20.4	31.3	64.0	15.4	45.4	20.6	33.1	45.1	13.6	8.0	15.5	10.9	35.4	16.4	60.4	24.8	8.9
Fallsvale	29.9	43.9	19.0	16.9	29.6	23.0	20.3	3.5	16.0	22.5	36.0	71.9	24.7	54.9	22.1	33.8	53.0	16.3	21.2	15.3	6.5	37.5	25.2	61.4	26.9	8.5
Lake Arrowhead	40.6	73.9	27.1	30.8	50.6	23.7	40.4	28.5	26.6	23.7	45.2	85.0	28.2	74.5	30.8	36.5	72.8	18.1	25.8	28.6	10.7	36.5	22.7	69.7	46.2	18.5
Loma Linda FD	10.8	NA	6.1	9.2	13.2	7.4	10.5	8.8	7.7	7.2	13.4	25.6	11.0	19.0	7.2	9.8	22.7	5.1	7.7	6.4	2.5	14.5	8.1	22.6	11.1	3.5
Lytle Creek at Foothill	13.6	34.8	8.9	10.2	16.0	7.0	13.0	3.9	8.5	15.5	14.9	31.6	9.2	25.5	12.2	13.8	25.8	6.3	9.8	12.1	4.0	13.6	7.2	27.2	11.2	3.8
Lytle Creek Fire Station	25.3	50.0	12.6	19.0	27.6	11.2	22.4	12.8	17.9	32.1	49.1	87.7	20.5	47.6	24.5	23.1	52.2	11.8	20.4	18.3	4.5	17.0	12.1	44.1	18.9	4.2
Mentone CDF	12.6	21.6	5.1	7.7	12.0	9.2	8.9	8.6	6.1	12.6	15.9	23.9	8.4	17.1	9.4	15.7	27.1	4.3	9.1	10.2	4.1	15.0	10.4	24.9	11.0	5.4
Oak Glen	26.9	50.4	18.8	22.0	26.0	19.3	21.5	17.8	17.7	26.9	30.8	58.0	18.8	57.9	20.0	30.9	49.5	11.3	17.1	12.3	6.7	14.3	18.4	34.1	22.6	9.7
Redlands - Roth	12.3	24.2	5.0	8.7	9.3	7.8	11.2	8.1	7.2	13.3	15.0	25.6	10.1	20.5	8.1	10.8	22.2	6.5	7.4	10.4	3.4	12.2	9.2	24.4	9.5	3.3
Redlands Country Club	14.0	27.8	8.2	10.7	13.4	8.8	14.2	10.7	8.6	14.5	16.1	29.4	12.6	19.8	8.5	9.0	17.2	6.3	5.7	10.0	4.0	16.5	11.6	29.4	10.3	4.1
San Bernardino CDF	17.3	39.9	11.1	16.1	20.1	9.3	18.3	12.9	10.6	15.5	21.9	37.4	4.5	20.3	15.8	16.2	34.3	9.3	13.6	16.6	5.3	13.1	11.5	37.3	16.4	6.3
San Bernardino Co. Hospital	16.4	32.4	10.8	12.9	17.9	8.1	13.5	12.6	8.1	15.5	16.5	30.8	11.7	24.1	11.9	18.6	32.7	8.0	11.1	2.3	3.6	17.1	10.5	29.9	13.2	4.7
Santa Ana Pumhouse #3	17.3	33.9	14.2	11.9	15.9	12.3	14.7	NA	10.3	15.8	18.4	23.0	15.9	24.9	11.1	16.6	28.0	7.0	6.8	8.6	3.2	18.2	9.4	27.7	11.8	6.1
Yucaipa CDF	16.2	33.7	9.8	10.7	13.0	11.0	11.3	9.7	NA	11.2	17.9	34.2	11.4	30.2	10.5	15.6	24.7	7.6	11.1	9.9	5.7	19.5	11.8	32.7	13.1	6.3
Yucaipa Valley Water District	16.4	30.8	9.7	12.3	15.2	10.6	NA	NA	NA	17.0	18.7	18.1	12.5	25.2	10.9	16.9	28.6	9.9	9.6	9.7	5.3	19.5	11.1	32.7	12.5	5.5
Redlands Daily Facts	13.2	28.1	8.0	10.4	11.3	9.1	12.7	8.9	7.7	13.8	16.0	28.0	12.1	21.3	8.2	12.6	27.2	6.1	7.9	10.3	3.6	16.0	9.4	26.4	10.6	4.0
Big Bear City	13.7	26.7	17.6	13.2	19.1	10.2	10.6	9.4	10.2	17.8	14.0	22.9	11.5	18.6	11.2	12.1	16.8	6.5	4.8	20.1	3.3	12.6	7.6	23.3	14.4	3.7
<b>Percent of Normal</b>	<b>100%</b>	<b>190%</b>	<b>66%</b>	<b>72%</b>	<b>107%</b>	<b>61%</b>	<b>86%</b>	<b>60%</b>	<b>61%</b>	<b>90%</b>	<b>119%</b>	<b>216%</b>	<b>73%</b>	<b>167%</b>	<b>74%</b>	<b>96%</b>	<b>178%</b>	<b>47%</b>	<b>61%</b>	<b>68%</b>	<b>27%</b>	<b>103%</b>	<b>65%</b>	<b>189%</b>	<b>87%</b>	<b>33%</b>
<b>Average</b>	<b>19.55</b>																									

Source: San Bernardino County Department of Transportation/Flood Control



# Change in Groundwater Levels in Key Wells

## *Fall 2006 to Fall 2007*

State Well Number	Well Name	Owner Or Measuring Agency	Fall 2006	Fall 2007	Difference
			Depth To Water [ft]	Depth To Water [ft]	
1S3W06H04S	PL-9A	East Valley Water District	209.0	205.5	3.5
1N3W30N01S	PL-41	East Valley Water District	283.0	294.4	-11.4
1S2W21E01S	Maguet #2	Redlands, City of	43.0	57.0	-14.0
1S2W21D01S	E. Lugonia #6	Redlands, City of	48.0	63.0	-15.0
1S3W35G09S	Well #13	Redlands, City of	62.0	67.0	-5.0
1S3W21H06S	Well #30A	Redlands, City of	177.0	185.0	-8.0
1S4W24K01S	Well #34	Redlands, City of	157.0	176.0	-19.0
1S4W23A02S	26-1	Riverside, City of - Gage Canal Company	124.0	155.8	-31.8
1S4W10N06S	Mill & D Street Well	San Bernardino, City of	71.9	79.3	-7.4
1N4W35K	Meacham Well	San Bernardino, City of	243.2	253.1	-9.9
1N4W27N01S	23rd Street & E Well	San Bernardino, City of	N/A	N/A	N/A
1S4W02K08S	Antil Well #6	San Bernardino, City of	180.3	210.0	-29.7
1N4W32N01S	Baseline Well	San Bernardino, City of	274.0	248.8	25.3
1S4W22D007S	Backyard Well	San Bernardino Valley MWD	44.9	45.0	-0.1
1S2W07B01S	SBVWCD #1 (7B01)	San Bernardino Valley WCD	204.6	266.6	-62.0
1S2W07K01S	SBVWCD #2 (7K01)	San Bernardino Valley WCD	153.0	213.7	-60.7
1S3W12J01S	SBVWCD #3 (12J01)	San Bernardino Valley WCD	134.9	213.6	-78.7
1S3W11H01S	SBVWCD #4 (11H01)	San Bernardino Valley WCD	130.0	169.8	-39.8
1N5W23Q01S	2/Lower 7	West Valley Water District	118.0	133.0	-15.0
1N5W36H04S	7/Lord 7	West Valley Water District	362.0	N/A	N/A
1N5W36H06S	08A	West Valley Water District	363.0	395.0	-32.0

# Annual Change in Storage for Bunker Hill Basin

## Fall 2006 to Fall 2007

Sub-area	[1] Annual Change in Water Level* [ft]	[2] Area [acres]	[3] Storativity ( <i>S</i> )	[4] Annual Change in Storage** [acre-ft]
Bunker Hill I - Southwest of Interstate 215	-18.00	11,714	0.09	-18,977
Bunker Hill I - Northeast of Interstate 215	-18.80	7,795	0.11	-16,120
Bunker Hill II - West of Mentone Fault	-11.02	35,206	0.06	-23,278
Bunker Hill II - East of Mentone Fault				
North of Redlands Fault	-34.20	8,584	0.13	-38,164
Southeast of Redlands Fault	-6.14	2,507	0.13	-2,001
<b>Subtotal</b>				<b>-40,166</b>
Lytle Basin - Southeast of Barrier J	-27.90	5,237	0.07	-10,228
Lytle Basin - Northwest of Barrier J	-15.00	1,924	0.13	-3,752
Pressure Zone - North of Santa Ana Wash	-2.19	11,920	0.02	-522
Pressure Zone - Santa Ana Wash	-6.74	6,686	0.02	-902

<b>Total =</b>	<b>-113,900</b>
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[1] Based on average changes in water level within each Sub-area

[2] Estimated using GIS

[3] Based on data from Hardt and Hutchinson (1980). *S*, storativity: The amount of water stored or released per unit area of aquifer given unit head change

[4] = [1] x [2] x [3]

\*A positive sign denotes an increase in water level and a negative sign represents a decline in water level.

\*\* A positive sign denotes an increase in storage and a negative sign represents a decline of storage.

# Accumulated Change in Storage for Bunker Hill Basin

*1987 to 2007 (Based on "Zero Year" of 1993)*

Year	Accumulated Storage [acre-ft]
1987	85,500
1988	3,600
1989	-58,000
1990	-170,700
1991	-196,000
1992	-191,000
1993	0
1994	-50,000
1995	41,100
1996	-43,100
1997	-75,500
1998	40,400
1999	-85,700
2000	-131,100
2001	-212,200
2002	-301,500
2003	-338,800
2004	-406,900
2005	-183,100
2006	-245,500
2007	-359,400

Note: A negative sign indicates a decline in storage and a positive sign represents an increase in storage.

# Production in Sub-basins of Bunker Hill Basin

*Preceding Water Year (July 2006 to June 2007)*

Sub-area	Production July 2006 to June 2007 [acre-ft]
Bunker Hill I - Southwest of Interstate 215	18,808
Bunker Hill I - Northeast of Interstate 215	5,105
Bunker Hill II - West of Mentone Fault	57,606
Bunker Hill II - East of Mentone Fault	8,278
Lytle Basin - Southeast of Barrier J	19,573
Lytle Basin - Northwest of Barrier J	30
Pressure Zone - North of Santa Ana Wash	46,300
Pressure Zone - Santa Ana Wash	53,817
Unknown	223
<b>Total</b>	<b>209,739</b>

# Estimates of Percentage of Normal Precipitation for Current Water Year (July 2007 - June 2008)

Station	[1]	[2]	[3]	[4]	[5]	[6]	[7]		
	July to June	July to June	Season - July to December			Season - January to June			July 2007 to June 2008
	Historic Average Annual	2006-2007	Historic Average	July 2007 to December 2007	% of Normal	Historic Average	January 2008 to June 2008	% of Normal	% of Normal
	[inches]	[inches]	[inches]	[inches]	[%]	[inches]	[inches]	[%]	[%]
Big Bear Dam	35.7	10.9	11.82	8.20	69%	24.85	24.85	100%	90%
Camp Angelus	NA	NA	10.28	NA	NA	20.17	NA	NA	NA
Devore CDF	27.6	8.5	8.22	6.21	76%	19.36	19.36	100%	93%
Lake Arrowhead	40.7	17.2	13.18	8.84	67%	27.97	27.97	100%	89%
Mentone CDF	12.6	5.4	3.77	4.16	110%	8.99	8.99	100%	103%
Mill Creek Intake #3	NA	NA	9.89	NA	NA	16.91	NA	NA	NA
Redlands Country Club	14.0	3.8	4.16	4.65	112%	10.00	10.00	100%	103%
San Bernardino County Hospital	16.2	4.7	5.10	5.14	101%	11.38	11.38	100%	100%
Santa Ana Pumphouse #3	17.2	6.0	5.49	4.29	78%	11.75	11.75	100%	93%
Yucaipa CDF	15.9	6.5	4.93	4.93	100%	11.22	11.22	100%	100%

**Average =            22.5        7.9**

**Average =            89%**

**Average =            97%**

[1], [2], [4]: Based on data provided by San Bernardino County Department of Transportation/Flood Control

[3] = ([2] / [1]) x 100

[5] Assumed equal to season average (January to June)

[6] = ([5] / [4]) x 100

[7] = (([2] + [5]) / ([1] + [4])) x 100

# Average Annual Change in Storage for Bunker Hill Basin

*Fall 1997 to Fall 2007*  
(The Immediate Past 10 Water Years)

Sub-area	[1] Average Change in Water Level* [ft]	[2] Area [acres]	[3] Storativity ( <i>S</i> )	[4] Average Annual Change in Storage** [acre-ft]
Bunker Hill I - Southwest of Barstow Freeway	-6.45	11,714	0.09	-6,649
Bunker Hill I - Northeast of Barstow Freeway	-2.55	7,795	0.11	-2,187
Bunker Hill II - West of Mentone Fault	-10.03	35,206	0.06	-20,841
Bunker Hill II - East of Mentone Fault	-4.20	11,091	0.13	-6,060
Lytle Basin - Southeast of Barrier J	-11.52	5,237	0.07	-4,224
Lytle Basin - Northwest of Barrier J	N/A	1,924	0.13	N/A
Pressure Zone - North of Santa Ana Wash	-2.97	11,920	0.02	-709
Pressure Zone - Santa Ana Wash	-5.32	6,686	0.02	-711

<b>Total =</b>	<b>-41,400</b>
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[1] Based on average changes in water level within each Sub-area over last 10 years.

[2] Estimated using GIS.

[3] Based on data from Hardt and Hutchinson (1980). *S* storativity: The amount of water stored or released per unit area of aquifer given unit head change.

[4] = [1] x [2] x [3]

\* A positive sign denotes an increase in water level and a negative sign represents a decline in water level.

\*\* A positive sign denotes an increase in storage and a negative sign represents a decline in storage.

# Summary of Surface Distribution Water for Bunker Hill Basin 1983 to 2006

Streamflow Diversions	1983 [acre-ft]	1984 [acre-ft]	1985 [acre-ft]	1986 [acre-ft]	1987 [acre-ft]	1988 [acre-ft]	1989 [acre-ft]	1990 [acre-ft]	1991 [acre-ft]	1992 [acre-ft]	1993 [acre-ft]	1994 [acre-ft]
<b>Lytle Creek</b>												
Fontana Union WC	3,753	2,446	2,743	1,798	2,725	2,991	2,245	204	1,633	12,980	7,860	12,270
Mount Vernon WC	724	724	724	724	724	724	724	724	724	724	1,143	102
Rialto, City of	1,006	1,654	1,075	1,325	539	1,111	1,005	792	1,014	743	193	843
San Bernardino, City of	1,448	1,448	1,448	1,448	1,448	1,448	1,448	1,448	1,448	1,448	520	NA
WSBCWD	3,602	3,696	3,340	3,686	3,686	3,696	3,696	2,554	3,701	3,696	3,696	3,697
<b>Subtotal</b>	<b>10,533</b>	<b>9,968</b>	<b>9,330</b>	<b>8,981</b>	<b>9,122</b>	<b>9,970</b>	<b>9,118</b>	<b>5,722</b>	<b>8,520</b>	<b>19,591</b>	<b>13,412</b>	<b>16,912</b>
<b>Mill Creek</b>												
Redlands, City of	19,363	4,617	12,932	11,676	11,178	7,731	8,285	6,794	11,109	14,559	19,086	14,505
<b>Subtotal</b>	<b>19,363</b>	<b>4,617</b>	<b>12,932</b>	<b>11,676</b>	<b>11,178</b>	<b>7,731</b>	<b>8,285</b>	<b>6,794</b>	<b>11,109</b>	<b>14,559</b>	<b>19,086</b>	<b>14,505</b>
<b>Santa Ana River</b>												
Bear Valley Mutual WC	19,209	23,392	19,837	23,160	16,373	14,170	14,785	11,244	20,651	26,014	42,079	23,812
Redlands WC	NA	NA	NA	1,122	961	963	890	577	NA	NA	NA	NA
<b>Subtotal</b>	<b>19,209</b>	<b>23,392</b>	<b>19,837</b>	<b>24,282</b>	<b>17,334</b>	<b>15,133</b>	<b>15,675</b>	<b>11,821</b>	<b>20,651</b>	<b>26,014</b>	<b>42,079</b>	<b>23,812</b>

Streamflow Diversions	1996 [acre-ft]	1997 [acre-ft]	1998 [acre-ft]	1999 [acre-ft]	2000 [acre-ft]	2001 [acre-ft]	2002 [acre-ft]	2003 [acre-ft]	2004 [acre-ft]	2005 [acre-ft]	2006 [acre-ft]	Avg. [acre-ft]
<b>Lytle Creek</b>												
Fontana Union WC	10,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5,268
Mount Vernon WC	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	530
Rialto, City of	1,070	393	896	1,461	NA	1,305	1,143	726	1,707	1,209	1,448	987
San Bernardino, City of	2,400	0	0	0	0	0	0	0	0	0	0	861
WSBCWD	3,686	4,079	3,696	3,408	3,047	3,175	2,573	2,380	4,710	2,079	3,081	3,432
<b>Subtotal</b>	<b>17,256</b>	<b>4,472</b>	<b>4,592</b>	<b>4,869</b>	<b>3,047</b>	<b>4,480</b>	<b>3,716</b>	<b>3,106</b>	<b>6,417</b>	<b>3,288</b>	<b>4,529</b>	<b>8,629</b>
<b>Mill Creek</b>												
Redlands, City of	12,250	10,250	11,224	11,951	8,852	9,496	5,867	12,541	10,168	12,574	15,409	11,342
<b>Subtotal</b>	<b>12,250</b>	<b>10,250</b>	<b>11,224</b>	<b>11,951</b>	<b>8,852</b>	<b>9,496</b>	<b>5,867</b>	<b>12,541</b>	<b>10,168</b>	<b>12,574</b>	<b>15,409</b>	<b>11,342</b>
<b>Santa Ana River</b>												
Bear Valley Mutual WC	38,252	31,479	36,632	30,245	29,498	26,301	23,458	12,633	11,227	12,516	17,689	23,144
Redlands WC	NA	760	NA	NA	NA	NA	NA	NA	NA	NA	NA	879
<b>Subtotal</b>	<b>38,252</b>	<b>32,239</b>	<b>36,632</b>	<b>30,245</b>	<b>29,498</b>	<b>26,301</b>	<b>23,458</b>	<b>12,633</b>	<b>11,227</b>	<b>12,516</b>	<b>17,689</b>	<b>23,363</b>

NA = Data Not Available

<b>Total =</b>	<b>43,334</b>
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Source: Calendar year totals from Western Municipal Water District

# Water Level Elevations for the Bunker Hill Basin



# Water Level Elevations for Bunker Hill Basin

(Fall 2006 and Fall 2007)

State Well Number	Well Name	Owner or Measuring Agency	2006				2007				Difference Fall 2006 to Fall 2007
			Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	
01S/02W-21L002S	Zanja Well	Bear Valley / Crafton Water Company	2,009.78	38	1,971.78	12/01/06	2,009.00	47	1,962.00		-9.8
01S/02W-29N	Fifth Avenue Well	Bear Valley / Crafton Water Company	1,859.81	247	1,612.81	12/01/06	1,859.81	307	1,552.81		-60.0
01S/03W-24C001S	Judson Well	Bear Valley Mutual Water Company	1,528.98	278	1,250.98	12/01/06	1,528.98	197	1,331.98		81.0
01S/03W-23A003S	San Bernardino Avenue Well	Bear Valley Mutual Water Company	1,480.43	194	1,286.43	12/01/06	1,480.43	233	1,247.43		-39.0
01S/04W-08Q001S	7	Colton, City of	1,075.79	FC	FC	-	1,075.79	FC	FC	-	
01S/04W-08F	8	Colton, City of	1,096.52	FC	FC	-	1,096.52	FC	FC	-	
01S/04W-09N	12 Hot Well	Colton, City of	1,063.58	FC	FC	-	1,063.58	FC	FC	-	
01S/04W-005R	6 B	Colton, City of	1,075.03	FC	FC	-	1,075.03	FC	FC	-	
01S/04W-08C002S	18	Colton, City of	1,106.00	FC	FC	-	1,106.00	FC	FC	-	
01S/04W-08R	5	Colton, City of	1,075.99	FC	FC	-	1,075.99	FC	FC	-	
01S/04W-08R	14	Colton, City of	1,075.68	FC	FC	-	1,075.68	FC	FC	-	
01S/04W-08F	13	Colton, City of	1,095.11	202	893.11	11/15/06	1,095.11	226	869.11	11/01/07	-24.0
01S/04W-08F001S	16	Colton, City of	1,096.22	240	856.22	11/07/06	1,096.22	270	826.22	11/01/07	-30.0
01S/04W-08F	19	Colton, City of	1,104.07	237	867.07	11/07/06	1,104.07	226	878.07	11/01/07	11.0
01S/04W-08F015S	21	Colton, City of	1,093.68	240	853.68	11/21/06	1,093.68	272	821.68	11/01/07	-32.0
01S/04W-08J002S	26	Colton, City of	1,025.00	258	767.00	11/27/06	1,025.00	215	810.00	11/01/07	43.0
01S/04W-08R	27	Colton, City of	1,078.50	174	904.50	11/27/06	1,078.50	172	906.50	11/01/07	2.0
01S/04W-08F	28	Colton, City of	1,091.50	205	886.50	11/07/06	1,091.50	172	919.50	11/01/07	33.0
02N/05W-28C002S	2A	Devore Water Company	2,475.00	41.2	2,433.80	11/29/06	2,475.00	68.8	2,406.20	11/30/07	-27.6
02N/05W-28C003S	3 (3a)	Devore Water Company	2,466.00	32.6	2,433.40	11/29/06	2,466.00	60	2,406.00	11/30/07	-27.4
02N/05W-34E001S	4	Devore Water Company	2,020.00	115.4	1,904.60	11/29/06	2,020.00	156.8	1,863.20	12/17/07	-41.4
01N/03W-19B	61	East Valley Water Dist.	1,800.00	FC	FC	-	1,800.00	FC	FC	-	
01N/03W-19E001S	Raleigh-Watson	East Valley Water Dist.	1,460.00	FC	FC	-	1,460.00	FC	FC	-	
01N/03W-19G	57	East Valley Water Dist.	1,500.00	FC	FC	-	1,500.00	FC	FC	-	
01N/03W-30C002S	Jester (ESBCWD#36)	East Valley Water Dist.	1,355.60	FC	FC	-	1,355.60	FC	FC	-	
01N/03W-31C002S	30	East Valley Water Dist.	1,209.80	FC	FC	-	1,209.80	FC	FC	-	
01N/03W-31L001S	68 Morley	East Valley Water Dist.	1,147.11	FC	FC	-	1,147.11	FC	FC	-	
01N/03W-33C001S	113	East Valley Water Dist.	1,270.00	FC	FC	-	1,270.00	FC	FC	-	
01N/04W-01G001S	29	East Valley Water Dist.	1,101.56	FC	FC	-	1,101.56	FC	FC	-	
01N/04W-23E001S	Del Rosa Mutual #2	East Valley Water Dist.	1,295.00	FC	FC	-	1,295.00	FC	FC	-	
01N/04W-26A001S	24	East Valley Water Dist.	1,243.54	FC	FC	-	1,243.54	FC	FC	-	
01N/04W-36K007S	1A, Fisher	East Valley Water Dist.	1,121.48	FC	FC	-	1,121.48	FC	FC	-	
01S/03W-03D003S	Hunter	East Valley Water Dist.	1,284.14	FC	FC	-	1,284.14	FC	FC	-	
01S/03W-03F	53, Eucalyptus St. Wtr.	East Valley Water Dist.	1,273.47	FC	FC	-	1,273.47	FC	FC	-	
01S/03W-03Q001S	121	East Valley Water Dist.	1,300.00	FC	FC	-	1,300.00	FC	FC	-	
01S/03W-04G002S	48	East Valley Water Dist.	1,285.59	FC	FC	-	1,285.59	FC	FC	-	
01S/03W-05D006S	Cull #3 / 132-3	East Valley Water Dist.	1,155	FC	FC	-	1,155	FC	FC	-	
01S/03W-05D007S	Cull #4 / 132-4	East Valley Water Dist.	1,155.00	FC	FC	-	1,155.00	FC	FC	-	
01S/03W-34Q	Dr. Roberts Well	East Valley Water Dist.	1,424.37	FC	FC	-	1,424.37	FC	FC	-	
01S/04W-01B004S	7	East Valley Water Dist.	1,096.70	FC	FC	-	1,096.70	FC	FC	-	
01S/04W-02A005S	Myers (#105)	East Valley Water Dist.	1,087.00	FC	FC	-	1,087.00	FC	FC	-	
01S/04W-02N001S	13	East Valley Water Dist.	1,039.01	FC	FC	-	1,039.01	FC	FC	-	
01S/04W-02N002S	5th & Cooley	East Valley Water Dist.	1,040.10	FC	FC	-	1,040.10	FC	FC	-	
01S/04W-25M003S	Fairfax Well	East Valley Water Dist.	1,210	FC	FC	-	1,210	FC	FC	-	
01N/04W-36Q001S	6	East Valley Water Dist.	1,098.90	141.5	957.40	12/06/06	1,098.00	146	952.00	12/04/07	-5.4
01S/03W-06H004S	9A	East Valley Water Dist.	1,151.54	209	942.54	12/04/06	1,151.54	205.5	946.04	12/03/07	3.5
01S/04W-02Q009S	11A	East Valley Water Dist.	1,056.89	FC	FC	-	1,056.89	FC	FC	-	
01S/04W-02Q004S	12	East Valley Water Dist.	1,058.88	184.5	874.38	12/05/06	1,058.88	168.1	890.78	12/04/07	16.4
01S/04W-02Q008S	12A	East Valley Water Dist.	1,057.00		1,057.00		1,057.00	177	880.00	12/04/07	
01S/04W-01K004S	14	East Valley Water Dist.	1,092.80	FC	FC	-	1,092.80	FC	FC	-	

# Water Level Elevations for Bunker Hill Basin

(Fall 2006 and Fall 2007)

State Well Number	Well Name	Owner or Measuring Agency	2006				2007				Difference Fall 2006 to Fall 2007
			Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	
01S/04W-01E002S	22	East Valley Water Dist.	1,070.00	FC	FC		1,070.00	FC	FC		
01N/04W-26A002S	24 A	East Valley Water Dist.	1,242.99	316.2	926.79	01/04/06	1,242.99	326	916.99	12/04/07	-9.8
01N/04W-26A003S	24 B	East Valley Water Dist.	1,244.58	310.9	933.68	12/04/06	1,244.58	320.5	924.08	12/04/07	-9.6
01N/04W-25C002S	25A	East Valley Water Dist.	1,246.39	330.1	916.29	12/04/06	1,246.39	312.8	933.59	12/04/07	17.3
01N/04W-25A001S	27	East Valley Water Dist.	1,295.60	213.8	1,081.80	12/04/06	1,295.60	255.7	1,039.90	12/03/07	-41.9
01S/04W-12B006S	28A	East Valley Water Dist.	1,090.10	190.8	899.30	12/04/06	1,090.10	193.2	896.90	12/04/07	-2.4
01N/03W-30J005S	39	East Valley Water Dist.	1,350.29	359.8	990.49	12/04/06	1,350.29	371.3	978.99	12/04/07	-11.5
01S/03W-04N001S	40	East Valley Water Dist.	1,195.09	190.8	1,004.29	12/04/06	1,195.09	206.2	988.89	12/03/07	-15.4
01S/03W-04N003S	40-A	East Valley Water Dist.	1,198.64	199.6	999.04	12/04/06	1,198.64	213.6	985.04	12/03/07	-14.0
01N/03W-30N001S	41	East Valley Water Dist.	1,232.29	283	949.29	12/05/06	1,232.29	294.4	937.89	12/05/07	-11.4
01N/03W-28P001S	54	East Valley Water Dist.	1,520.00	470.8	1,049.20	12/06/06	1,520.00	472.9	1,047.10	12/04/07	-2.1
01N/03W-33F001S	94 Corwin	East Valley Water Dist.	1,413.17	376.9	1,036.27	12/06/06	1,413.17	379.6	1,033.57	12/04/07	-2.7
01S/03W-04J001S	102	East Valley Water Dist.	1,242.47	207.7	1,034.77	12/05/06	1,242.47	220	1,022.47	12/03/07	-12.3
01N/03W-30N001S	103	East Valley Water Dist.	1,230.00	FC	-		1,230.00	FC	-		
01S/03W-06K001S	35, Baseline Mutual	East Valley Water Dist.	1,132.00	FC	-		1,132.00	FC	-		
01N/04W-25F004S	107	East Valley Water Dist.	1,217.29	-	-		1,217.29	283	934.29	12/05/07	
01S/03W-03P004S	Duda	East Valley Water Dist.	1,260.00	219.2	1,040.80	12/05/06	1,260.00	259	1,001.00	12/04/07	-39.8
01N/04W-25P004S	Pumalo	East Valley Water Dist.	1,190.38	FC	-		1,190.38	FC	-		
01S/04W-02P002S	Cooley D	East Valley Water Dist.	1,037.60	-	-		1,037.60	-	-		
01S/03W-004R(3N7)	Rozema	East Valley Water Dist.	1,240.00	-	-		1,240.00	-	-		
01S/03W-06P001S	69, Stout	East Valley Water Dist.	1,120.00	-	-		1,120.00	-	-		
01S/03W-09E002S	Tri-City Concrete	East Valley Water Dist.	1,195.44	205.4	990.04	12/05/06	1,195.44	202.9	992.54	12/03/07	2.5
01S/02W-07F001S	125	East Valley Water Dist.	1,600.00	188.7	1,411.30	12/01/06	1,600.00	250.9	1,349.10	12/04/07	-62.2
01S/03W-01H001S	142, Mt. Harrison	East Valley Water Dist.	1,520.00	181.7	1,338.30	12/01/06	1,520.00	237.7	1,282.30	12/03/07	-56.0
01S/03W-02J002S	120, Cram Well	East Valley Water Dist.	1,410.00	159.6	1,250.40	12/01/06	1,410.00	160.9	1,249.10	12/03/07	-1.3
01S/03W-05D003S	132-2, Cull #2	East Valley Water Dist.	1,155.00	200.4	954.60	12/12/06	1,155.00	209.9	945.10	12/03/07	-9.5
01S/03W-04G002S	136-1, Dunkirk #1	East Valley Water Dist.	1,245.85	238	1,007.85	12/05/06	1,245.85	249.5	996.35	12/03/07	-11.5
01S/03W-04G003S	136-2, Dunkirk #2	East Valley Water Dist.	1,240.00	237	1,003.00	12/05/06	1,240.00	248.1	991.90	12/03/07	-11.1
01N/03W-27N002S	City Creek #3	East Valley Water Dist.	1,490.00	FC	-		1,490.00	FC	-		
01S/03W-04J	128, Hot Water	East Valley Water Dist.	1,242.47	FC	-		1,242.47	FC	-		
01S/03W-06P018S	141, McDaniel	East Valley Water Dist.	1,120	-	-		1,120	191.6	928.40	12/04/07	
01S/03W-02N002S	143, Abbey Way	East Valley Water Dist.	1,339.00	138.8	1,200.20	12/12/06	1,339.00	502.5	836.50	12/05/07	-363.7
01S/03W-03R001S	146, EHR Well	East Valley Water Dist.	1,327.26	320.9	1,006.36	12/04/06	1,327.26	261.4	1,065.86	12/03/07	59.5
01S/03W-02P006S	147	East Valley Water Dist.	1,362.00	110	1,252.00	12/01/06	1,362.00	145.3	1,216.70	12/03/07	-35.3
01S/03W-03R004S	146A (Church Street)	East Valley Water Dist.	1,320.00	359.3	960.70	12/04/06	1,320.00	259.4	1,060.60	12/03/07	99.9
01S/04W-15L010S	New "E" St.	Elsinore VMWD (Meeks & Daley Water)	981.00	FC	FC	-	981.00	FC	FC	-	
01S/04W-15M002S	Old "E" Street	Elsinore VMWD (Meeks & Daley Water)	982.40	FC	FC	-	982.40	FC	FC	-	
01S/04W-15N005S	#51	Elsinore VMWD (Meeks & Daley Water)	989.50	FC	FC	-	989.50	FC	FC	-	
01S/04W-16R003S	#54	Elsinore VMWD (Meeks & Daley Water)	975.00	FC	FC	-	975.00	FC	FC	-	
01S/04W-15L003S	#59	Elsinore VMWD (Meeks & Daley Water)	984.00	105	879.00	12/14/06	984.00	144	840.00	11/01/07	-39.0
01S/04W-16J009S	Coburn	Elsinore VMWD (Meeks & Daley Water)	979.00	47	932.00	12/14/06	979.00	47	932.00	12/14/06	0.0
01S/04W-16R004S	Station 69	Elsinore VMWD (Meeks & Daley Water)	978.00	60	918.00	12/14/06	978.00	60	918.00	12/14/06	0.0
01S/04W-15M011S	Station 91	Elsinore VMWD (Meeks & Daley Water)	980.00	93	887.00	12/14/06	980.00	132	848.00	11/01/07	-39.0
01N/05W-06G001S	#27	Fontana Water Company	2,244.00	-	-	-	2,244.00	81.00	2,163.00	11/16/07	
01N/05W-06K002S	#33	Fontana Water Company	2,155.00	-	-	-	2,155.00	89.00	2,066.00	11/07/07	
01N/05W-07H001S	#26	Fontana Water Company	2,066.00	-	-	-	2,066.00	112.00	1,954.00	11/07/07	
01N/05W-15K001S	#9	Fontana Water Company	1,592.10	-	-	-	1,592.10	-	-	-	
01N/05W-15K	#10	Fontana Water Company	1,599.20	-	-	-	1,599.20	-	-	-	
01N/05W-15Q002S	#8	Fontana Water Company	1,590.79	-	-	-	1,590.79	302.00	1,288.79	11/06/07	
01N/05W-16K001S	#32	Fontana Water Company	1,722.90	-	-	-	1,722.90	293.00	1,429.90	11/09/07	

# Water Level Elevations for Bunker Hill Basin

(Fall 2006 and Fall 2007)

State Well Number	Well Name	Owner or Measuring Agency	2006				2007				Difference Fall 2006 to Fall 2007
			Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	
01N/05W-22A001S	#13	Fontana Water Company	1,549.80	-	-	-	1,549.80	-	-	-	
01N/05W-22C002S	#4	Fontana Water Company	1,591.26	-	-	-	1,591.26	283.00	1,308.26	11/05/07	
01N/05W-22F001S	#25	Fontana Water Company	1,597.50	-	-	-	1,597.50	253.00	1,344.50	11/02/07	
01N/05W-22F002S	#3	Fontana Water Company	1,583.20	-	-	-	1,583.20	281.00	1,302.20	11/05/07	
01N/05W-23K001S	#1	Fontana Water Company	1,455.90	-	-	-	1,455.90	-	-	-	
01S/04W-13L002S	21	Gage Canal Co.	1,051.82	FC	FC	-	1,051.82	FC	FC	-	
01S/04W-23A002S	26-1	Gage Canal Co.	1,045.33	124.0	921.33	10/25/06	1,045.33	155.8	889.53	10/01/07	-31.8
01S/04W-23H001S	27-1	Gage Canal Co.	1,044.64	122.0	922.64	11/01/06	1,044.64	142.0	902.64	11/01/07	-20.0
01S/04W-23K001S	27-2	Gage Canal Co.	1,044.64	119.1	925.54	12/14/06	1,044.64	129.9	914.74	12/01/07	-10.8
01S/04W-23K002S	29-1	Gage Canal Co.	1,044.43	119.2	925.23	12/14/06	1,044.43	115.3	929.13	12/01/07	3.9
01S/04W-13N001S	29-2	Gage Canal Co.	1,046.31	119.3	927.01	12/14/06	1,046.31	127.8	918.51	12/01/07	-8.5
01S/04W-13N002S	29-3	Gage Canal Co.	1,048.75	120.8	927.95	12/22/06	1,048.75	156.9	891.85	12/01/07	-36.1
01S/04W-13M002S	30-1	Gage Canal Co.	1,054.17	136.0	918.17	12/14/06	1,054.17	134.2	919.97	12/01/07	1.8
01S/04W-13F002S	31-1	Gage Canal Co.	1,054.64	127.0	927.64	12/23/06	1,054.64	142.8	911.84	12/01/07	-15.8
01S/04W-13G002S	46-1	Gage Canal Co.	1,065.50	136.2	929.30	11/08/06	1,065.50	168.2	897.30	11/01/07	-32.0
01S/04W-23A005S	51-1	Gage Canal Co.	1,044.64	136.7	907.94	11/27/06	1,044.64	138.3	906.34	12/01/07	-1.6
01S/04W-13G003S	56-1	Gage Canal Co.	1,065.50	198.2	867.30	11/09/06	1,065.50	180.1	885.40	11/01/07	18.1
01S/03W-17C003S	Daniel's Well	Gage Canal Co.	1,180.75	184.7	996.05	12/14/06	1,180.75	-	-	-	
01S/04W-23G001S	Cowlane	Gage Canal Co.	1,046.70	128.8	917.90	11/27/06	1,046.70	128.8	917.90	11/27/06	0.0
01S/04W-23A001S	Santa Fe	Gage Canal Co.	1,044.65	128.0	916.65	12/14/06	1,044.65	-	-	-	
01S/04W-23K003S	Upper Kelly	Gage Canal Co.	1,044.31	127.2	917.11	12/14/06	1,044.31	-	-	-	
01S/04W-23Q	Lower Kelly	Gage Canal Co.	1,040.76	126.4	914.36	12/14/06	1,040.76	-	-	-	
01S/04W-14R	17	Gage Canal Co.	1,036.54	118.0	918.54	12/14/06	1,036.54	-	-	-	
01S/04W-23G003S	66-1	Gage Canal Co.	1,044.85	131.0	913.85	11/12/06	1,044.85	175.2	869.65	11/01/07	-44.2
01S/04W-13P	Gage Dom.#6	Gage Canal Co.	1,067.70	157.3	910.40	12/14/06	1,067.70	-	-	-	
01S/04W-13N007S	92-1	Gage Canal Co.	1,047.78	228.7	819.08	12/15/06	1,047.78	167.2	880.58	12/01/07	61.5
01S/04W-13L007S	92-2	Gage Canal Co.	1,053.38	172.9	880.48	12/16/06	1,053.38	226.7	826.68	12/01/07	-53.8
01S/04W-13L008S	92-3	Gage Canal Co.	1,058.78	165.2	893.58	12/17/06	1,058.78	144.2	914.58	12/01/07	21.0
01S/04W-23A006S	98-1	Gage Canal Co.	1,046.70	156.5	890.20	12/18/06	1,046.70	153.3	893.40	12/01/07	3.2
01S/04W-25D006S	Anderson II	Loma Linda University	1,075.00	-	-	-	1,075.00	-	-	-	
01S/04W-25D007S	Anderson III	Loma Linda University	1,070.00	-	-	-	1,070.00	-	-	-	
01S/03W-32D	Nick's Well	Loma Linda, City of	1,216.00	FC	FC	-	1,216.00	FC	FC	-	
01S/04W-24A	Mt. View Well I	Loma Linda, City of	1,095.00	FC	FC	-	1,095.00	FC	FC	-	
01S/04W-24B001S	Mt. View Well II	Loma Linda, City of	1,085.00	FC	FC	-	1,085.00	FC	FC	-	
01S/04W-24C003S	Richardson II	Loma Linda, City of	1,078.00	FC	FC	-	1,078.00	FC	FC	-	
01S/04W-24A005S	Mt. View Well #3	Loma Linda, City of	1,095.00	191	904.00	11/13/06	1,095.00	193	902.00	12/03/07	-2.0
01S/04W-24D008S	Mt. View Well #4	Loma Linda, City of	1,106.00	202	904.00	11/13/06	1,106.00	184	922.00	12/17/07	18.0
01S/04W-24B003S	Mt. View Well #5	Loma Linda, City of	1,085.00	-	-	-	1,085.00	165	920.00	12/17/2007	
01S/04W-23C002S	Richardson #1	Loma Linda, City of	1,077.00	205	872.00	11/13/06	1,077.00	172	905.00	12/17/07	33.0
01S/04W-24P004S	Richardson #3	Loma Linda, City of	1,079.00	188	891.00	11/13/06	1,079.00	183	896.00	12/17/07	5.0
01S/04W-24F011S	Richardson #4	Loma Linda, City of	1,070.00	212	858.00	11/13/06	1,070.00	179	891.00	12/17/07	33.0
01S/02W-19K001S	Agate #1	Redlands, City of	1,723.00	98	1,625.00	12/06	1,723.00	135	1,588.00	12/07	-37.0
01S/02W-19A001S	Agate #2	Redlands, City of	1,720.00	129	1,591.00	12/06	1,720.00	185	1,535.00	12/07	-56.0
01S/03W-13H002S	Airport #1	Redlands, City of	1,530.00	157	1,373.00	12/06	1,530.00	211	1,319.00	12/07	-54.0
01S/03W-13M001S	Airport #2	Redlands, City of	1,469.00	185	1,284.00	12/06	1,469.00	226	1,243.00	12/07	-41.0
01S/03W-29Q001S	Bryn Mawr #1	Redlands, City of	1,215.00	181	1,034.00	12/06	1,215.00	211	1,004.00	11/07	-30.0
01S/03W-31A003S	Bryn Mawr #2/3	Redlands, City of	1,209.00	177	1,032.00	12/06	1,209.00	200	1,009.00	12/07	-23.0
01S/03W-31B	Bryn Mawr #4	Redlands, City of	1,190.00	FC	FC	12/06	1,190.00	122	1,068.00	12/07	
01S/03W-14E001S	Church Street	Redlands, City of	1,340.00	145	1,195.00	01/03/07	1,340.00	150	1,190.00	12/07	-5.0
01S/02W-19J002S	Crafton	Redlands, City of	1,780.00	105	1,675.00	12/06	1,780.00	157	1,623.00	12/07	-52.0

# Water Level Elevations for Bunker Hill Basin

(Fall 2006 and Fall 2007)

State Well Number	Well Name	Owner or Measuring Agency	2006				2007				Difference Fall 2006 to Fall 2007
			Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	
01S/03W-18R	California Irrigation	Redlands, City of	1,156.00	162	994.00	12/06	1,156.00	91	1,065.00	12/07	71.0
01S/02W-22C002S	E. Lugonia #2	Redlands, City of	2,260.00	FC	FC	12/06	2,260.00	FC	FC	12/07	
01S/02W-21B002S	E. Lugonia #3	Redlands, City of	2,091.00	24	2,067.00	12/06	2,091.00	33	2,058.00	12/07	-9.0
01S/02W-20B001S	E. Lugonia #4	Redlands, City of	1,831.58	93	1,738.58	12/06	1,831.58	147	1,684.58	12/07	-54.0
01S/02W-19G001S	E. Lugonia #5	Redlands, City of	1,689.00	FC	FC	12/06	1,689.00	FC	FC	12/07	
01S/02W-21D001S	E. Lugonia #6	Redlands, City of	1,970.00	48	1,922.00	12/06	1,970.00	63	1,907.00	12/07	-15.0
01S/03W-13P002S	East Pioneer Well	Redlands, City of	1,528.00	FC	FC	-	1,528.00	FC	FC	-	
01S/03W-32J002S	Lee Well	Redlands, City of	1,357.00	FC	FC	12/06	1,357.00	220	1,137.00	12/07	
01S/02W-20D001S	Madeira	Redlands, City of	1,770.00	145	1,625.00	12/06	1,770.00	199	1,571.00	12/07	-54.0
01S/02W-36F001S	Maguet #1	Redlands, City of	1,955.00	21	1,934.00	12/06	1,955.00	25	1,930.00	12/07	-4.0
01S/02W-21E001S	Maguet #2	Redlands, City of	2,016.90	43	1,973.90	12/06	2,016.90	57	1,959.90	12/07	-14.0
01S/03W-24A001S	Mentone Acres #1	Redlands, City of	1,584.00	211	1,373.00	12/06	1,584.00	253	1,331.00	12/07	-42.0
01S/03W-13P001S	Mentone Acres #2	Redlands, City of	1,520.00	164	1,356.00	12/06	1,520.00	209	1,311.00	12/07	-45.0
01S/03W-19L001S	Mission #1	Redlands, City of	1,130.00	157	973.00	12/06	1,130.00	177	953.00	12/07	-20.0
01S/03W-28J002S	New York Street	Redlands, City of	1,310.00	191	1,119.00	12/06	1,310.00	202	1,108.00	12/07	-11.0
01S/03W-15F001S	Orange Street	Redlands, City of	1,290.00	148	1,142.00	12/06	1,290.00	135	1,155.00	12/07	13.0
01S/03W-10K001S	North Orange #1	Redlands, City of	1,294.50	114	1,180.50	12/06	1,294.50	133	1,161.50	12/07	-19.0
01S/03W-10K002S	North Orange #2	Redlands, City of	1,292.00	136	1,156.00	12/06	1,292.00	191	1,101.00	12/07	-55.0
02S/03W-01E001S	Redlands Heights	Redlands, City of	1,790.00	175	1,615.00	12/06	1,790.00	176	1,614.00	12/07	-1.0
01S/03W-23A005S	Rees Well	Redlands, City of	1,490.00	212	1,278.00	12/06	1,490.00	244	1,246.00	12/07	-32.0
01S/03W-35G008S	Well #10	Redlands, City of	1,565.80	36	1,529.80	12/06	1,565.80	41	1,524.80	12/07	-5.0
01S/03W-35G007S	Well #11	Redlands, City of	1,565.50	40	1,525.50	12/06	1,565.50	42	1,523.50	12/07	-2.0
01S/03W-35H002S	Well #12	Redlands, City of	1,568.00	33	1,535.00	12/06	1,568.00	41	1,527.00	12/07	-8.0
01S/03W-35G009S	Well #13	Redlands, City of	1,577.20	62	1,515.20	12/06	1,577.20	67	1,510.20	12/07	-5.0
01S/03W-35H004S	Well #14	Redlands, City of	1,585.30	53	1,532.30	12/06	1,585.30	58	1,527.30	12/07	-5.0
01S/03W-35H003S	Well #16	Redlands, City of	1,572.20	55	1,517.20	12/06	1,572.20	76	1,496.20	12/07	-21.0
01S/03W-35G011S	Well #17	Redlands, City of	1,550.00	19	1,531.00	12/06	1,550.00	22	1,528.00	12/07	-3.0
01S/03W-21H006S	Well #30A	Redlands, City of	1,314.80	177	1,137.80	12/06	1,314.80	185	1,129.80	12/07	-8.0
01S/03W-21H007S	Well #31A	Redlands, City of	1,319.00	189	1,130.00	12/06	1,319.00	167	1,152.00	12/07	22.0
01S/03W-21H001S	Well #32	Redlands, City of	1,318.10	174	1,144.10	12/06	1,318.10	187	1,131.10	12/07	-13.0
01S/04W-24K001S	Well #34	Redlands, City of	1,090.00	157	933.00	12/06	1,090.00	176	914.00	12/07	-19.0
01S/03W-22A002S	Well #35	Redlands, City of	1,395.00	198	1,197.00	12/06	1,395.00	214	1,181.00	12/07	-16.0
02S/03W-03K001S	Well #36	Redlands, City of	1,675.20	147	1,528.20	12/06	1,675.20	160	1,515.20	12/07	-13.0
01S/03W-26C001S	Well #37	Redlands, City of	1,435.00	174	1,261.00	12/06	1,435.00	178	1,257.00	12/07	-4.0
01S/03W-29Q001S	Well #38	Redlands, City of	1,220.00	FC	FC	12/06	1,220.00	FC	FC	12/07	
01S/03W-29Q002S	Well #39	Redlands, City of	1,225.00	172	1,053.00	12/06	1,225.00	179	1,046.00	12/07	-7.0
01S/03W-28H001S	Well #41	Redlands, City of	1,312.00	219	1,093.00	12/06	1,312.00	235	1,077.00	12/07	-16.0
01S/03W-24C001S	Bear Valley Judson	Redlands, City of	1,480.00	278	1,202.00	12/06	1,480.00	206	1,274.00	12/07	72.0
01S/03W-13Q001S / R001S?	Big Bear (SB Ave-SBVMWD)	Redlands, City of	1,572.50	194	1,378.50	12/06	1,572.50	252	1,320.50	12/07	-58.0
01S/03W-23A003S	BV-San Berdo Ave #1 (San Bernardino Ave & Nelson)	Redlands, City of	1,480.00	208	1,272.00	12/06	1,480.00	235	1,245.00	12/07	-27.0
01S/03W-17C003S	Daniel's Well	Redlands, City of	1,176.12	FC	FC	12/06	1,176.12	FC	FC	12/07	
01N/05W-23Q001S	City 1	Rialto, City of	1,430.00	115	1,315.00	12/18/06	1,430.00	161	1,269.00	11/29/07	-46.0
01N/05W-23Q002S	City 2	Rialto, City of	1,430.00	117	1,313.00	12/18/06	1,430.00	163	1,267.00	11/29/07	-46.0
01N/05W-36B001S	City 3	Rialto, City of	1,300.00	380	920.00	12/18/06	1,300.00	416	884.00	11/29/07	-36.0
01S/04W-06H003S	City 4	Rialto, City of	1,158.00	221	937.00	12/18/06	1,158.00	219	939.00	11/29/07	2.0
01S/04W-06B001S	City 5	Rialto, City of	1,211.00	257	954.00	12/18/06	1,211.00	281	930.00	11/29/07	-24.0
01S/04W-06C004S	City 6	Rialto, City of	1,211.00	241	970.00	12/18/06	1,211.00	258	953.00	11/29/07	-17.0
01N/04W-31E002S	LC #2	Riverside Highland Water Co.	-	-	-	-	-	-	-	-	
01N/04W-31D002S	LC #1	Riverside Highland Water Co.	1,269.22	370	899.22	12/01/06	1,269.22	403	866.22	11/30/07	-33.0
01N/04W-31E003S	LC #10	Riverside Highland Water Co.	1,266.00	364	902.00	12/01/06	1,266.00	398	868.00	11/30/07	-34.0

# Water Level Elevations for Bunker Hill Basin

(Fall 2006 and Fall 2007)

State Well Number	Well Name	Owner or Measuring Agency	2006				2007				Difference Fall 2006 to Fall 2007
			Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	
01N/04W-31F001S	LC #8	Riverside Highland Water Co.	1,258.00	-	-	-	1,258.00	-	-	-	
01S/04W-22L	FW #2	Riverside Highland Water Co.	983.00	FC	FC	-	983.00	FC	FC	-	
01S/04W-22L05S	FW #18	Riverside Highland Water Co.	984.38	FC	FC	-	984.38	FC	FC	-	
01S/04W-22M07S	FW #1	Riverside Highland Water Co.	-	FC	FC	-	-	FC	FC	-	
01S/04W-22N	Flowing	Riverside Highland Water Co.	-	FC	FC	-	-	FC	FC	-	
01S/04W-22N	FW #10	Riverside Highland Water Co.	-	FC	FC	-	-	FC	FC	-	
01S/04W-22P	FW #11	Riverside Highland Water Co.	-	FC	FC	-	-	FC	FC	-	
01S/04W-22P	FW #8	Riverside Highland Water Co.	-	FC	FC	-	-	FC	FC	-	
01S/04W-22P05S	FW #24	Riverside Highland Water Co.	989.61	FC	FC	-	989.61	FC	FC	-	
01S/04W-22L017S	Flowing Well #5	Riverside Highland Water Co.	989.00	71	918.00	12/01/06	989.00	85	904.00	11/30/07	-14.0
01S/04W-22L008S	FW #12	Riverside Highland Water Co.	985.44	66	919.44	12/01/06	985.44	78	907.44	11/30/07	-12.0
01S/04W-02P004S	Cooley E	Riverside, City of	1,040.00	FC	FC	-	1,040.00	FC	FC	-	
01S/04W-09N003S	Bunker Hill Dike 5	Riverside, City of	960.28	FC	FC	-	960.28	FC	FC	-	
01S/04W-22B002S	Byrne	Riverside, City of	998.20	FC	FC	-	998.20	FC	FC	-	
01S/04W-22E005S	Bunker Hill Dike 4	Riverside, City of	975.70	FC	FC	-	975.70	FC	FC	-	
01S/04W-22L012S	Bunker Hill Dike 9	Riverside, City of	979.06	FC	FC	-	979.06	FC	FC	-	
01S/04W-22L017S	Martinez 2	Riverside, City of	982.00	FC	FC	-	982.00	FC	FC	-	
01S/04W-27A007S	Hunt 8	Riverside, City of	1,017.00	FC	FC	-	1,017.00	FC	FC	-	
01S/04W-27C007S	Bunker Hill Dike 6	Riverside, City of	991.78	FC	FC	-	991.78	FC	FC	-	
01S/04W-01E001S	Poole	Riverside, City of	1,061.00	-	-	-	1,061.00	-	-	-	
01S/04W-02A003S	Stiles	Riverside, City of	1,072.00	208.11	863.89	11/01/06	1,072.00	190	882.00	11/30/07	18.1
01S/04W-02L001S	Scheuer	Riverside, City of	1,052.00	FC	FC	-	1,052.00	FC	FC	-	
01S/04W-02L002S	Cooley F	Riverside, City of	1,050.00	190	860.00	09/27/09	1,050.00	180	870.00	11/30/07	10.0
01S/04W-02N002S	Cooley G	Riverside, City of	1,040.10	FC	FC	-	1,040.10	FC	FC	-	
01S/04W-02P001S	Garner 5	Riverside, City of	1,046.00	199.6	846.40	11/01/06	1,046.00	193.2	852.80	10/31/07	6.4
01S/04W-02P002S	Cooley D	Riverside, City of	1,037.60	187	850.60	09/27/06	1,037.60	178	859.60	11/30/07	9.0
01S/04W-02P003S	Cooley C	Riverside, City of	1,040.50	185	855.50	09/27/06	1,040.50	177	863.50	11/30/07	8.0
01S/04W-02P006S	Garner 1	Riverside, City of	1,049.40	FC	FC	-	1,049.40	FC	FC	-	
01S/04W-02Q003S	Garner 2	Riverside, City of	1,053.90	FC	FC	-	1,053.90	FC	FC	-	
01S/04W-02Q006S	Garner 4	Riverside, City of	1,057.10	FC	FC	-	1,057.10	FC	FC	-	
01S/04W-02Q007S	Garner 3	Riverside, City of	1,053.00	191	861.90	11/22/06	1,053.00	185	868.00	11/30/07	6.1
01S/04W-11D001S	Cooley B	Riverside, City of	1,034.40	188	846.40	09/27/06	1,034.40	176	858.40	11/30/07	12.0
01S/04W-11D002S	Cooley H	Riverside, City of	1,035.30	225.90	809.40	10/31/06	1,035.30	232.00	803.30	11/30/07	-6.1
01S/04W-11D003S	Cooley I	Riverside, City of	1,033.20	212.6	820.60	11/02/06	1,033.20	229.0	804.20	11/31/07	-16.4
01S/04W-11D004S	Cooley A	Riverside, City of	1,020.80	186	834.80	09/27/06	1,020.80	174	846.80	11/30/07	12.0
01S/04W-14N009S	Raub 5	Riverside, City of	1,016.50	138.0	878.50	12/26/06	1,016.50	174.0	842.50	11/30/07	-36.0
01S/04W-14N010S	Raub 6	Riverside, City of	1,015.00	206.9	808.10	12/24/06	1,015.00	179	836.00	11/30/07	27.9
01S/04W-14P002S	Raub 1	Riverside, City of	1,026.80	144.6	882.20	12/24/06	1,026.80	144.0	882.80	11/30/07	0.6
01S/04W-14P006S	Raub 3	Riverside, City of	1,027.10	126	901.10	12/26/06	1,027.10	138	889.10	11/30/07	-12.0
01S/04W-22A	Payne	Riverside, City of	-	-	-	-	-	-	-	-	
01S/04W-22B001S	Thorn 9	Riverside, City of	1,002.90	94.3	908.60	10/03/06	1,002.90	58.0	944.90	9/31/07	36.3
01S/04W-22B003S	Thorn 10	Riverside, City of	999.10	-	-	-	999.10	58.0	941.10	9/31/07	
01S/04W-22B005S	Thorn 11	Riverside, City of	996.90	-	-	-	996.90	-	-	-	
01S/04W-22B007S	Thorn 12	Riverside, City of	1,001.86	76.0	925.86	12/26/06	1,001.86	98.0	903.86	11/30/07	-22.0
01S/04W-22G014S	Thorn 3	Riverside, City of	994.90	83.6	911.30	10/03/06	994.90	80.0	914.90	12/01/07	3.6
01S/04W-22G016S	Thorn 5	Riverside, City of	994.30	77.7	916.60	10/03/06	994.30	82.0	912.30	09/30/07	-4.3
01S/04W-22G017S	Thorn 7	Riverside, City of	994.40	79.5	914.90	10/03/06	994.40	82.0	912.40	9/31/07	-2.5
01S/04W-22G018S	Thorn 6	Riverside, City of	995.00	FC	FC	-	995.00	FC	FC	-	
01S/04W-22G019S	Thorn 8	Riverside, City of	995.60	82.6	913.00	10/03/06	995.60	81.0	914.60	9/31/07	1.6
01S/04W-22H001S	Warren 2	Riverside, City of	1,004.75	75.5	929.25	12/26/06	1,004.75	90.0	914.75	11/30/07	-14.5

# Water Level Elevations for Bunker Hill Basin

(Fall 2006 and Fall 2007)

State Well Number	Well Name	Owner or Measuring Agency	2006				2007				Difference Fall 2006 to Fall 2007
			Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	
01S/04W-22H002S	Warren 4	Riverside, City of	1,005.30	170.0	835.30	12/26/06	1,005.30	171.0	834.30	11/30/07	-1.0
01S/04W-22H003S	Warren 3	Riverside, City of	998.00	80.0	918.00	12/26/06	998.00	98.0	900.00	11/30/07	-18.0
01S/04W-22H004S	Warren 1	Riverside, City of	998.60	-	-	-	998.60	156.0	842.60	11/30/07	
01S/04W-22N002S	Bunker Hill Dike 3	Riverside, City of	981.31	-	-	-	981.31	-	-	-	
01S/04W-23C002S	Raub 2	Riverside, City of	1,025.00	130.0	895.00	12/26/06	1,025.00	133.0	892.00	11/30/07	-3.0
01S/04W-23C003S	Raub 4	Riverside, City of	1,022.80	154.0	868.80	12/26/06	1,022.80	156.0	866.80	11/30/07	-2.0
01S/04W-27A002S	Hunt 2	Riverside, City of	1,016.00	91.0	925.00	11/21/06	1,016.00	101.0	915.00	09/30/07	-10.0
01S/04W-27A008S	Hunt 9	Riverside, City of	1,016.00	94.0	922.00	12/23/06	1,016.00	-	-	-	
01S/04W-27A009S	Hunt 10	Riverside, City of	1,017.70	108.8	908.90	11/22/06	1,017.70	128.0	889.70	11/30/07	-19.2
01S/04W-27A010S	Hunt 11	Riverside, City of	1,015.70	115.0	900.70	11/22/06	1,015.70	103.8	911.90	10/31/07	11.2
01S/04W-27A011S	Hunt 6	Riverside, City of	1,015.50	100.6	914.90	11/22/06	1,015.50	-	-	-	
01S/04W-27A013S	Stewart 21	Riverside, City of	1,017.30	95.0	922.30	12/23/06	1,017.30	135.0	882.30	11/30/07	-40.0
01S/04W-27A019S	Stewart 19	Riverside, City of	1,020.00	91.0	929.00	12/23/06	1,020.00	98.0	922.00	11/30/07	-7.0
01S/04W-27H001S	Stewart 20	Riverside, City of	1,020.00	125.0	895.00	12/23/06	1,020.00	121.0	899.00	11/30/07	4.0
01S/04W-02Q010S	Garner 6	Riverside, City of	1,047.98	58.2	989.78	11/01/06	1,047.98	99.4	948.58	10/31/07	-41.2
01S/04W-02Q011S	Garner 7	Riverside, City of	1,050.70	179.6	871.10	12/13/06	1,050.70	171.0	879.70	11/30/07	8.6
01S/04W-14N	Raub 8	Riverside, City of	1,016.44	213.1	803.34	12/24/06	1,016.44	177.0	839.44	11/30/07	36.1
01N/04W-18J	Cornell Carthage Co.(#90035)	San Bernardino Co. Hazmat (WMWD)	1,004.00	-	-	-	1,004.00	-	-	-	
01N/04W-33N	Thrifty Oil #326 (#90138)	San Bernardino Co. Hazmat (WMWD)	1,149.00	-	-	-	1,149.00	-	-	-	
01S/03W-35H	Unocal (#94023)	San Bernardino Co. Hazmat (WMWD)	1,600.00	-	-	-	1,600.00	-	-	-	
01S/04W-04R	Chevron (6th and H St)	San Bernardino Co. Hazmat (WMWD)	1,080.00	-	-	-	1,080.00	-	-	-	
01S/04W-10B	Caltrans Garage (#90217)	San Bernardino Co. Hazmat (WMWD)	1,021.00	-	-	-	1,021.00	-	-	-	
01S/04W-10K	Gallaher Beauty & Barber Supply (190 S Arrowhead)	San Bernardino Co. Hazmat (WMWD)	994.00	-	-	-	994.00	-	-	-	
01S/04W-10K	San Bernardino City (#) Central Garage	San Bernardino Co. Hazmat (WMWD)	1,030.00	-	-	-	1,030.00	-	-	-	
01S/04W-10M	U-Haul Center,C632 San Bernardino (S D St)	San Bernardino Co. Hazmat (WMWD)	1,024.00	-	-	-	1,024.00	-	-	-	
01S/04W-10N	Jacks Disposal (#97048)	San Bernardino Co. Hazmat (WMWD)	1,007.00	-	-	-	1,007.00	-	-	-	
01S/04W-15P	Alameda Mgmt. #512	San Bernardino Co. Hazmat (WMWD)	984.00	-	-	-	984.00	-	-	-	
01S/04W-25D	Chevron Service Station #9-2786	San Bernardino Co. Hazmat (WMWD)	1,065.00	-	-	-	1,065.00	-	-	-	
01S/04W-25Q	Tuner Storage/LLU (#90118)	San Bernardino Co. Hazmat (WMWD)	1,060.00	-	-	-	1,060.00	-	-	-	
01S/04W-26D	Arco #5214	San Bernardino Co. Hazmat (WMWD)	1,015.00	56.70	-	10/18/06	1,015.00	-	-	-	
01S/04W-12D	Arco #6227 (702 W 2nd St)	San Bernardino Co. Hazmat (WMWD)	1,050.00	-	-	-	1,050.00	-	-	-	
01S/03W-21N	Ca Target #943 (#96037)	San Bernardino Co. Hazmat (WMWD)	1,235.00	-	-	-	1,235.00	-	-	-	
01S/04W-16R	FairCo, Inc. (#92009)	San Bernardino Co. Hazmat (WMWD)	1,000.00	-	-	-	1,000.00	-	-	-	
01S/04W-10B	Fargo Gas (B&K Gas)(#92061)	San Bernardino Co. Hazmat (WMWD)	1,031.74	-	-	-	1,031.74	-	-	-	
01S/04W-04Q	INCO (#91009)	San Bernardino Co. Hazmat (WMWD)	1,075.00	-	-	-	1,075.00	-	-	-	
01S/04W-16H	Levitz Furniture (#95053)	San Bernardino Co. Hazmat (WMWD)	1,015.00	-	-	-	1,015.00	-	-	-	
01S/04W-01A	Levitz Furniture (#95053)	San Bernardino Co. Hazmat (WMWD)	1,105.40	-	-	-	1,105.40	-	-	-	
01S/04W-15P	Mobil #18-HPH (#94061) MW-1	San Bernardino Co. Hazmat (WMWD)	990.19	-	-	-	990.19	-	-	-	
01S/04W-09Q	Mobil Oil Corp. (Mill & H)	San Bernardino Co. Hazmat (WMWD)	1,021.00	-	-	-	1,021.00	-	-	-	
01N/04W-33C	Pronto Gas #316/Fargo(#92060)	San Bernardino Co. Hazmat (WMWD)	1,180.53	-	-	-	1,180.53	-	-	-	
01S/04W-10C	San Bernardino Water Dept (#92043)	San Bernardino Co. Hazmat (WMWD)	1,038.00	-	-	-	1,038.00	-	-	-	
01S/04W-09M	San Fe Maintenance Terminal	San Bernardino Co. Hazmat (WMWD)	1,080.00	-	-	-	1,080.00	-	-	-	
01S/04W-24N	Shell Station (#98056) MW-1	San Bernardino Co. Hazmat (WMWD)	1,063.13	-	-	-	1,063.13	-	-	-	
01S/04W-08B	South CAL Gas Co. (810 S Flower)	San Bernardino Co. Hazmat (WMWD)	1,033.00	-	-	-	1,033.00	-	-	-	
01S/04W-22R	Tosco/76 (#98043) MW-10	San Bernardino Co. Hazmat (WMWD)	1,013.05	24.95	-	12/20/06	1,013.05	-	-	-	
01S/04W-22Q	Truck-o-Mat (#91008)	San Bernardino Co. Hazmat (WMWD)	992.50	-	-	-	992.50	-	-	-	
01S/04W-03Q	Waterman Shell (385 N Arrowhead)	San Bernardino Co. Hazmat (WMWD)	1,020.00	-	-	-	1,020.00	-	-	-	
01S/04W-10F	City of San Bernardino MWD (195 N "D" St) MW-1	San Bernardino Co. Hazmat (WMWD)	1,026.73	-	-	-	1,026.73	-	-	-	
01S/02W-07B001S	SBVWCD #1	San Bernardino Valley Wtr Cons Dist.	1,650.50	204.61	1,445.89	12/01/06	1,650.50	266.61	1,383.89	12/03/07	-62.0
01S/02W-07K001S	SBVWCD #2	San Bernardino Valley Wtr Cons Dist.	1,646.40	153.02	1,493.38	12/01/06	1,646.40	213.69	1,432.71	12/03/07	-60.7

# Water Level Elevations for Bunker Hill Basin

(Fall 2006 and Fall 2007)

State Well Number	Well Name	Owner or Measuring Agency	2006				2007				Difference Fall 2006 to Fall 2007
			Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	
01S/02W-17E001S	Mill Ck Monitoring #4	San Bernardino Valley Wtr Cons Dist.	1,760.00	168.12	1,591.88	12/01/06	1,760.00	214.63	1,545.37	12/03/07	-46.5
01S/02W-17E002S	Mill Ck Monitoring #5	San Bernardino Valley Wtr Cons Dist.	1,760.00	178.58	1,581.42	12/01/06	1,760.00	230.4	1,529.60	12/03/07	-51.8
01S/02W-17L001S	Mill Ck Monitoring #1	San Bernardino Valley Wtr Cons Dist.	1,800.00	124.56	1,675.44	12/01/06	1,800.00	149.16	1,650.84	12/03/07	-24.6
01S/02W-17L002S	Mill Ck Monitoring #2	San Bernardino Valley Wtr Cons Dist.	1,800.00	149.59	1,650.41	12/01/06	1,800.00	183.64	1,616.36	12/03/07	-34.1
01S/03W-11H001S	SBVWCD #4	San Bernardino Valley Wtr Cons Dist.	1,411.20	130	1,281.20	12/01/06	1,411.20	169.8	1,241.40	12/03/07	-39.8
01S/03W-12J001S	SBVWCD #3	San Bernardino Valley Wtr Cons Dist.	1,541.70	134.9	1,406.80	12/01/06	1,541.70	213.57	1,328.13	12/03/07	-78.7
01N/04W-14P01S	40th & Valencia	San Bernardino, City	1,355	294.32	1,060.68	11/27/06	1,355	292.00	1,063.00	11/21/07	2.3
01N/05W-03H001S	Cajon Well #1	San Bernardino, City of	1,889.42	-	-	-	1,889.42	-	-	-	-
02N/05W-19K002S	Cajon Canyon Well	San Bernardino, City of	2,331.92	-	-	11/27/06	2,331.92	-	-	-	-
01N/05W-03H002S	Cajon Well #2	San Bernardino, City of	1,897.17	126.29	1,770.88	11/27/06	1,897.17	183	1,714.17	11/20/07	-56.7
01N/05W-03A002S	Cajon Well #3	San Bernardino, City of	1,894.00	122	1,775.00	11/27/06	1,894.00	174	1,720.00	12/17/07	-52.0
01N/05W-03A	Cajon Well #4	San Bernardino, City of	1,923.00	132.5	1,790.50	11/27/06	1,923.00	183.8	1,739.20	11/20/07	-51.3
02N/05W-19Q001S	Vincent Well	San Bernardino, City of	2,314.32	38.17	2,276.15	11/27/06	2,314.32	93.47	2,220.85	11/20/07	-55.3
02N/05W-19R005S	Kenwood 2	San Bernardino, City of	2,289.00	77.57	2,211.43	11/27/06	2,289.00	153.37	2,135.63	11/20/07	-75.8
02N/05W-19R001S	Kenwood 1	San Bernardino, City of	2,350.80	74.1	2,276.70	11/27/06	2,350.80	140.33	2,210.47	11/20/07	-66.2
01N/04W-07F001S	Devil Canyon #2	San Bernardino, City of	1,621.96	128.41	1,493.55	11/27/06	1,621.96	131.98	1,489.98	11/21/07	-3.6
01N/04W-08M001S	Devil Canyon #1	San Bernardino, City of	1,530.00	138.52	1,391.48	11/27/06	1,530.00	137.15	1,392.85	11/21/07	1.4
01N/05W-36R001S	Lytle Creek #3	San Bernardino, City of	1,247.82	350.06	897.76	11/27/06	1,247.82	381.92	865.90	11/20/07	-31.9
01N/04W-16E002S	Newmark #2	San Bernardino, City of	1,405.26	170	1,235.26	11/27/06	1,405.26	-	-	-	-
01N/04W-30M001S	Mallory Well	San Bernardino, City of	1,319.84	335	984.84	11/27/06	1,319.84	335.27	984.57	12/17/07	-0.3
01N/04W-06H001S	Devil Canyon #4	San Bernardino, City of	1,903.44	40.9	1,862.54	11/27/06	1,903.44	42.74	1,860.70	11/20/07	-1.8
01N/04W-06H002S	Devil Canyon #3	San Bernardino, City of	1,888.46	25.2	1,863.26	11/27/06	1,888.46	-	-	-	-
02N/04W-08M001S	Devil Canyon #5	San Bernardino, City of	1,549.00	142.92	1,406.08	11/27/06	1,549.00	143.96	1,405.04	11/20/07	-1.0
01N/05W-36J004S	Lytle Creek #2	San Bernardino, City of	1,252.25	357.54	894.71	11/27/06	1,252.25	385.18	867.07	11/20/07	-27.6
01N/04W-16E001S	Newmark #1	San Bernardino, City of	1,412.99	171.5	1,241.49	11/27/06	1,412.99	182.8	1,230.19	11/20/07	-11.3
01N/04W-16E003S	Newmark #3	San Bernardino, City of	1,407.92	178.98	1,228.94	11/27/06	1,407.92	186.11	1,221.81	11/21/07	-7.1
01N/04W-06A001S	Devil Canyon 6	San Bernardino, City of	2,042.00	19.5	2,022.50	11/27/06	2,042.00	20.1	2,021.90	11/20/07	-0.6
01N/04W-06A002S	Devil Canyon 7	San Bernardino, City of	2,037.00	16	2,021.00	11/27/06	2,037.00	19.9	2,017.10	11/20/07	-3.9
01N/04W-35C001S	Perris Hill #2	San Bernardino, City of	1,151.61	FC	FC	-	1,151.61	FC	FC	-	-
01N/04W-35L001S	Meecham	San Bernardino, City of	1,129.94	FC	FC	-	1,129.94	FC	FC	-	-
01S/04W-02K001S	Antil Well #3	San Bernardino, City of	1,054.24	FC	FC	-	1,054.24	FC	FC	-	-
01S/04W-15E	Station 66	San Bernardino, City of	990.00	FC	FC	-	990.00	FC	FC	-	-
01N/04W-31A001S	Mt. Vernon	San Bernardino, City of	1,258.75	299	959.75	11/27/06	1,258.75	297.58	961.17	11/20/07	1.4
01N/04W-32D003S	19th Street #1	San Bernardino, City of	1,231.03	-	-	11/27/06	1,231.03	-	-	-	-
01N/04W-27G001S	30th & Mtn. View	San Bernardino, City of	1,227.38	329.19	898.19	11/27/06	1,227.38	340.1	887.28	11/21/07	-10.9
01N/04W-27M002S	27th Street Well	San Bernardino, City of	1,184.07	292.18	891.89	11/27/06	1,184.07	302.1	881.97	12/17/07	-9.9
01N/04W-34G001S	17th & Sierra Way #2	San Bernardino, City of	1,137.23	-	-	11/27/06	1,137.23	265.45	871.78	11/21/07	-
01N/04W-26E002S	Lynwood Well	San Bernardino, City of	1,236.23	313.4	922.83	11/27/06	1,236.23	-	-	-	-
01N/04W-26E002S	Waterman Well	San Bernardino, City of	1,244.77	335.5	909.27	11/27/06	1,244.77	347.4	897.37	-	-11.9
01N/04W-35M003S	Gilbert Street Well	San Bernardino, City of	1,123.54	228.9	894.64	11/27/06	1,123.54	268	855.54	11/19/07	-39.1
01N/04W-26P003S	Perris Hill #5	San Bernardino, City of	1,173.46	273	900.46	11/27/06	1,173.46	283.84	889.62	11/21/07	-10.8
01N/04W-35C002S	Perris Hill #3	San Bernardino, City of	1,167.43	-	-	11/27/06	1,167.43	-	-	-	-
01N/04W-35C003S	Perris Hill #4	San Bernardino, City of	1,168.25	272.58	895.67	11/27/06	1,168.25	283.2	885.05	11/20/07	-10.6
01N/04W-27B001S	31st & Mtn. View	San Bernardino, City of	1,233.01	-	-	11/27/06	1,233.01	341.13	891.88	12/17/07	-
01N/04W-27N001S	23rd Street Well	San Bernardino, City of	1,174.75	-	-	11/27/06	1,174.75	-	-	-	-
01S/04W-03J005S	7th Street Well	San Bernardino, City of	1,057.39	192.2	865.19	11/27/06	1,057.39	184	873.39	12/17/07	8.2
01N/04W-16E004S	Newmark #4	San Bernardino, City of	1,413.57	169.5	1,244.07	11/27/06	1,413.57	180.9	1,232.67	11/20/07	-11.4
01N/04W-32N001S	Baseline Well	San Bernardino, City of	1,185.56	274	911.56	11/27/06	1,185.56	248.75	936.81	11/20/07	25.3
01N/04W-27A002S	Leroy Street Well	San Bernardino, City of	1,239.67	335.2	904.47	11/27/06	1,239.67	343.5	896.17	12/17/07	-8.3
01S/04W-02K008S	Antil Well #6	San Bernardino, City of	1,053.84	180.3	873.54	11/27/06	1,053.84	210	843.84	11/21/07	-29.7

# Water Level Elevations for Bunker Hill Basin

(Fall 2006 and Fall 2007)

State Well Number	Well Name	Owner or Measuring Agency	2006				2007				Difference Fall 2006 to Fall 2007
			Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	
01N/04W-08P001S	Ellena Bros.	San Bernardino, City of	1,477.96	148.98	1,328.98	11/27/06	1,477.96	171.17	1,306.79	12/01/07	-22.2
01S/04W-04D	Olive & Garner	San Bernardino, City of	1,132.52	248.55	883.97	11/27/06	1,132.52	233.88	898.64	11/20/07	14.7
01S/04W-04B004S	10th & "J" Street	San Bernardino, City of	1,113.82	237.78	876.04	11/27/06	1,113.82	254.91	858.91	11/20/07	-17.1
01N/04W-32D004S	19th Street #2	San Bernardino, City of	1,236.34	284.11	952.23	11/27/06	1,236.34	284.24	952.10	11/21/07	-0.1
01N/04W-34G003S	16th & Sierra Way	San Bernardino, City of	1,135.13	252.01	883.12	11/27/06	1,135.13	249.68	885.45	12/17/07	2.3
01S/04W-02K003S	Antil No. 4	San Bernardino, City of	1,058.47	-	-	11/27/06	1,058.47	-	-	-	-
01S/04W-02K002S	Antil No. 5	San Bernardino, City of	1,058.96	167.69	891.27	11/27/06	1,058.96	-	-	-	-
01S/04W-15P005S	Chandler Well	San Bernardino, City of	989.28	-	-	11/27/06	989.28	-	-	-	-
01S/04W-22C005S	Century Well	San Bernardino, City of	989.01	-	-	11/27/06	989.01	-	-	-	-
01S/04W-03D004S	EPA No. 1 (11th/Stoddard)	San Bernardino, City of	1,093.90	275.22	818.68	11/27/06	1,093.90	254.19	839.71	12/17/07	21.0
01S/04W-03C003S	EPA No. 2 (322 W. 11th)	San Bernardino, City of	1,091.70	286.33	805.37	11/27/06	1,091.70	223.58	868.12	12/17/07	62.7
01S/04W-03C004S	EPA No. 3 (266 E. 11th)	San Bernardino, City of	1,090.22	244	846.22	11/27/06	1,090.22	244.06	846.16	12/17/07	-0.1
01S/04W-03B003S	EPA No. 4 (107 W. 11th)	San Bernardino, City of	1,086.27	240	846.27	11/27/06	1,086.27	221.55	864.72	12/17/07	18.5
01S/04W-03A004S	EPA No. 5 (227 E. 11th)	San Bernardino, City of	1,083.27	228.5	854.77	11/27/06	1,083.27	218.75	864.52	12/17/07	9.8
01N/04W-16M003S	EPA No. 6 (Kendall/Western)	San Bernardino, City of	1,396.55	191.38	1,205.17	11/27/06	1,396.55	184.55	1,212.00	12/17/07	6.8
01N/04W-16M004S	EPA No. 7 (Moose Lodge)	San Bernardino, City of	1,404.54	188.92	1,215.62	11/27/06	1,404.54	195.33	1,209.21	12/17/07	-6.4
01N/04W-33R	EPA 108	San Bernardino, City of	1,119.26	267.08	852.18	11/27/06	1,119.26	255.75	863.51	12/17/07	11.3
01N/04W-33P	EPA 109	San Bernardino, City of	1,137.05	351.91	785.14	11/27/06	1,137.05	406.12	730.93	12/17/07	-54.2
01N/04W-33N	EPA 110	San Bernardino, City of	1,146.19	349.55	796.64	11/27/06	1,146.19	235.02	911.17	12/17/07	114.5
01N/04W-32R	EPA 111	San Bernardino, City of	1,165.70	312	853.70	11/27/06	1,165.70	313.3	852.40	12/17/07	-1.3
01N/04W-32Q	EPA 112	San Bernardino, City of	1,181.79	246.2	935.59	11/27/06	1,181.79	326.28	855.51	12/17/07	-80.1
01N/04W-27M001S	25th and N "E" Street	San Bernardino, City of	1,192.10	300.8	891.30	11/27/06	1,192.10	304.9	887.20	11/21/07	-4.1
01S/04W-03D001S	11th and "E" Street	San Bernardino, City of	1,096.80	161.88	934.92	11/27/06	1,096.80	-	-	-	-
01S/04W-10N006S	Mill and "D"	San Bernardino, City of	1,001.07	71.98	929.09	11/27/06	1,001.07	79.33	921.74	11/21/07	-7.4
01N/04W-20M	#50, Paperboard	San Bernardino, City of/shallow	1,365	337.70	1,027.30	10/31/06	1,365	336.00	1,029.00	12/19/07	1.7
01S/04W-09K	#61, Valley & "G"	San Bernardino, City of/shallow (18.3')	1,040	-	-	10/31/06	1,040	-	-	-	-
01S/04W-23D	#67, S. Wtrman & Dumas	San Bernardino, City of/shallow (19.5')	1,010	-	-	10/31/06	1,010	-	-	-	-
01S/04W-10N	#62, Mill & "G"	San Bernardino, City of/shallow (20')	1,010	-	-	-	1,010	-	-	-	-
01S/04W-10B	#36b, S.B. County/6	San Bernardino, City of/shallow (21.4')	1,025	-	-	10/31/06	1,025	-	-	-	-
01S/04W-15G	#65, Washington/Central	San Bernardino, City of/shallow (22')	1,002	-	-	-	1,002	-	-	-	-
01S/04W-23H	#52, Brier/Gould/ Tippecanoe	San Bernardino, City of/shallow (22')	1,055	30.24	1,024.76	10/31/06	1,055	34.10	1,020.90	12/19/07	-3.9
01S/04W-16J	#05, Inland Center	San Bernardino, City of/shallow (22.5')	1,020	-	-	10/31/06	1,020	20.50	999.50	12/19/07	-
01S/04W-11E	#13, Rialto & San Felipe	San Bernardino, City of/shallow (23')	1,030	-	-	10/31/06	1,030	-	-	-	-
01S/04W-03Q	#34a, S.B. County/1	San Bernardino, City of/shallow (23')	1,040	-	-	10/31/06	1,040	-	-	-	-
01S/04W-15C	#03, Mill & Arrowhead	San Bernardino, City of/shallow (23.8')	997	-	-	10/31/06	997	-	-	-	-
01N/04W-35K	#26, Mecham Well	San Bernardino, City of/shallow (230)	1,105	243.23	861.77	10/31/06	1,105	253.07	851.93	10/24/07	-9.8
01S/04W-22P	#08, Hospitality & Sunwest	San Bernardino, City of/shallow (24.8')	982	23.29	958.71	10/31/06	982	23.79	958.21	11/26/07	-0.5
01N/04W-32Q	#30, Baseline & Muscott	San Bernardino, City of/shallow (25')	1,170	FC	FC	-	1,170	FC	FC	-	-
01N/04W-35N	#29, Baseline Peppertree	San Bernardino, City of/shallow (25')	1,090	FC	FC	-	1,090	FC	FC	-	-
01S/04W-27B	#54, Club Center/ Hunts Ln	San Bernardino, City of/shallow (29')	990	19.25	970.75	10/31/06	990	26.3	963.70	12/19/07	-7.0
01S/04W-23Q	#58, Hospitality/Harriman	San Bernardino, City of/shallow (29')	1,040	20.55	1,019.45	10/31/06	1,040	21.1	1,018.90	12/19/07	-0.6
01S/04W-22C	#21, Wastewater N MW #1	San Bernardino, City of/shallow (31')	988	FC	FC	10/31/06	988	FC	FC	-	-
01S/04W-22J	#55, Airport/Commercenter E	San Bernardino, City of/shallow (32')	1,005	19.62	985.38	10/31/06	1,005	16.85	988.15	12/19/07	2.8
01S/04W-23L	#56, Vanderbilt/Carnegie	San Bernardino, City of/shallow (32')	1,020	2.80	1,017.20	10/31/06	1,020	-	-	-	-
01S/04W-23L	#53, Brier/Carnegie #2	San Bernardino, City of/shallow (36')	1,035	32.69	1,002.31	10/31/06	1,035	32.75	1,002.25	12/19/07	-0.1
01S/04W-10D	#32, City Hall	San Bernardino, City of/shallow (36.5')	1,040	28.04	1,011.96	10/31/06	1,040	28.80	1,011.20	12/19/07	-0.8
01S/04W-22M	#51, McKay & S "E" St	San Bernardino, City of/shallow (38')	978	FC	FC	10/31/06	978	FC	FC	-	-
01S/04W-11C	#42, 4th St & Palm Ave.	San Bernardino, City of/shallow (40')	1,045	FC	FC	10/31/06	1,045	36.00	1,009.00	12/19/07	-
01S/04W-23G	#60, Brier & Gifford	San Bernardino, City of/shallow (40')	1,040	FC	FC	10/31/06	1,040	FC	FC	-	-



# Water Level Elevations for Bunker Hill Basin

(Fall 2006 and Fall 2007)

State Well Number	Well Name	Owner or Measuring Agency	2006				2007				Difference Fall 2006 to Fall 2007
			Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	
01S/04W-10F	#40, Handford #1, SCE	San Bernardino, City of/shallow (41')	1,030	92.52	937.48	10/31/06	1,030	99.85	930.15	11/26/07	-7.3
01S/04W-03Q	#34b, S.B. County/1	San Bernardino, City of/shallow (47')	-	-	-	-	-	-	-	-	-
01S/04W-02N	#44, Ward & Cooley	San Bernardino, City of/shallow (50')	1,045	FC	FC	-	1,045	FC	FC	-	-
01S/04W-03J	#43, 7th St & Waterman	San Bernardino, City of/shallow (50')	1,050	FC	FC	-	1,050	FC	FC	-	-
01S/04W-07H	#31, Rancho & Rialto	San Bernardino, City of/shallow (50')	1,120	FC	FC	-	1,120	FC	FC	-	-
01S/04W-13E	#27, Central/Tippecanoe	San Bernardino, City of/shallow (50')	1,060	FC	FC	-	1,060	FC	FC	-	-
01S/04W-22F	#49, Wastewtr Brine D	San Bernardino, City of/shallow (50')	985	FC	FC	-	985	FC	FC	-	-
01S/04W-12B	#28,3rd st & Shirley	San Bernardino, City of/shallow (51')	1,090	FC	FC	-	1,090	FC	FC	-	-
01S/04W-23N	#59,Hopitality/E Carnegie	San Bernardino, City of/shallow (53')	1,020	49.37	970.63	10/31/06	1,020	49.02	970.98	12/09/07	0.4
01S/04W-22B	#22,Wastewater S MW #3	San Bernardino, City of/shallow (60')	992	-	-	10/31/06	992	-	-	-	-
01S/04W-03Q	#37, Heap Well	San Bernardino, City of/shallow (98')	1,040	FC	FC	-	1,040	FC	FC	-	-
01N/03W-19R002S	Del Rosa	U.S. Geological Survey/SBVMWD	1,477.00	FC	FC	-	1,477.00	FC	FC	-	-
01N/03W-27N001S	Highland Ave	U.S. Geological Survey/SBVMWD	1,470.00	FC	FC	-	1,470.00	FC	FC	-	-
01N/03W-31Q002S	Harlem Springs	U.S. Geological Survey/SBVMWD	1,120.00	FC	FC	-	1,120.00	FC	FC	-	-
01N/03W-32C002S	Patton #11	U.S. Geological Survey/SBVMWD	-	FC	FC	-	-	FC	FC	-	-
01N/03W-32N001S	Near Victoria & Baseline	U.S. Geological Survey/SBVMWD	1,143.00	FC	FC	-	1,143.00	FC	FC	-	-
01N/03W-33M001S	Palm/Baseline	U.S. Geological Survey/SBVMWD	1,285.00	FC	FC	-	1,285.00	FC	FC	-	-
01N/04W-23G001S	40th St on Levee	U.S. Geological Survey/SBVMWD	1,345.03	FC	FC	-	1,345.03	FC	FC	-	-
01N/04W-23G003S	40th St on levee	U.S. Geological Survey/SBVMWD	1,345.03	FC	FC	-	1,345.03	FC	FC	-	-
01N/04W-23R002S	40th St on levee	U.S. Geological Survey/SBVMWD	1,268.00	FC	FC	-	1,268.00	FC	FC	-	-
01N/04W-23R005S	40th St on levee	U.S. Geological Survey/SBVMWD	1,268.00	FC	FC	-	1,268.00	FC	FC	-	-
01N/04W-25C002S	Marshall & Mountain	U.S. Geological Survey/SBVMWD	1,246.00	FC	FC	-	1,246.00	FC	FC	-	-
01S/02W-30C001S	Colton/Opal	U.S. Geological Survey/SBVMWD	1,649.00	FC	FC	-	1,649.00	FC	FC	-	-
01S/03W-02P001S	N. of Greenspot	U.S. Geological Survey/SBVMWD	1,369.35	FC	FC	-	1,369.35	FC	FC	-	-
01S/03W-02P002S	Greenspot Rd.	U.S. Geological Survey/SBVMWD	1,345.30	FC	FC	-	1,345.30	FC	FC	-	-
01S/03W-03R001S	5th & Church	U.S. Geological Survey/SBVMWD	1,302.00	FC	FC	-	1,302.00	FC	FC	-	-
01S/03W-10J002S	E. of Orange St.	U.S. Geological Survey/SBVMWD	1,308.00	FC	FC	-	1,308.00	FC	FC	-	-
01S/04W-19E001S	Meridian/Valley	U.S. Geological Survey/SBVMWD	1,038.90	FC	FC	-	1,038.90	FC	FC	-	-
02N/05W-33J004S	Cajon Wash	U.S. Geological Survey/SBVMWD	2,010.00	FC	FC	-	2,010.00	FC	FC	-	-
01N/03W-29N001S	Near Patton State Hospital	U.S. Geological Survey/SBVMWD	1,291.00	329.40	961.60	10/24/06	1,291.00	326.50	964.50	04/19/07	2.9
01N/03W-33C001S	Near Highland & Palm	U.S. Geological Survey/SBVMWD	1,424.00	434.5	989.50	10/24/06	1,424.00	440.5	983.50	10/31/07	-6.0
01N/03W-34L001S	NE of Boulder/Baseline	U.S. Geological Survey/SBVMWD	1,346.00	303.99	1,042.01	04/24/06	1,346.00	306.53	1,039.47	04/16/07	-2.5
01N/04W-08M001S	Cal State	U.S. Geological Survey/SBVMWD	1,530.00	136.05	1,393.95	10/27/06	1,530.00	162.18	1,367.82	10/29/07	-26.1
01N/04W-08P001S	Cal State	U.S. Geological Survey/SBVMWD	1,476.66	147.50	1,329.16	10/27/06	1,476.66	173.52	1,303.14	10/29/07	-26.0
01N/04W-21B002S	Kendall	U.S. Geological Survey/SBVMWD	1,322.40	150.57	1,171.83	10/27/06	1,322.40	156.37	1,166.03	10/29/07	-5.8
01N/04W-23Q002S	40th St on levee	U.S. Geological Survey/SBVMWD	1,345.03	-	-	-	1,345.03	-	-	-	-
01N/04W-23Q003S	40th St on levee	U.S. Geological Survey/SBVMWD	1,284.39	-	-	10/24/06	1,284.39	-	1,284.39	10/31/07	-
01N/04W-23Q004S	40th St on levee	U.S. Geological Survey/SBVMWD	1,284.39	105.52	1,178.87	10/24/06	1,284.39	104.80	1,179.59	10/31/07	-
01N/04W-23R003S	40th St on levee	U.S. Geological Survey/SBVMWD	1,268.00	-	-	10/24/06	1,268.00	-	-	-	-
01N/04W-23R004S	40st St on levee	U.S. Geological Survey/SBVMWD	1,268.00	-	-	10/24/06	1,268.00	-	-	-	-
01N/04W-27B001S	Mt. View Ave.	U.S. Geological Survey/SBVMWD	1,233.00	-	-	-	1,233.00	-	-	-	-
01N/04W-31A001S	Highland Ave.	U.S. Geological Survey/SBVMWD	1,259.00	300.35	958.65	10/26/06	1,259.00	292.59	966.41	04/17/07	7.8
01N/04W-31P003S	Baseline/Lassen	U.S. Geological Survey/SBVMWD	1,210.00	284.81	925.19	10/25/06	1,210.00	327.50	882.50	10/29/07	-42.7
01N/04W-35L001S	16th & Crestview	U.S. Geological Survey/SBVMWD	1,128.00	246.38	881.62	10/24/06	1,128.00	253.72	874.28	10/31/07	-7.3
01S/02W-07Q001S	Cone Camp	U.S. Geological Survey/SBVMWD	1,638.90	196.80	1,442.10	10/24/06	1,638.90	262.32	1,376.58	10/26/07	-65.5
01S/02W-07Q002S	Cone Camp	U.S. Geological Survey/SBVMWD	1,638.90	191.97	1,446.93	10/24/06	1,638.90	257.51	1,381.39	10/26/07	-65.5
01S/02W-07Q003S	Cone Camp	U.S. Geological Survey/SBVMWD	1,638.90	159.31	1,479.59	10/24/06	1,638.90	225.21	1,413.69	10/26/07	-65.9
01S/02W-07Q004S	Cone Camp	U.S. Geological Survey/SBVMWD	1,639.04	133.49	1,505.55	10/24/06	1,639.04	FC	FC	-	-
01S/02W-07Q005S	Cone Camp	U.S. Geological Survey/SBVMWD	1,639.04	101.17	1,537.87	10/24/06	1,639.04	FC	FC	-	-
01S/02W-07Q006S	Cone Camp	U.S. Geological Survey/SBVMWD	1,639.04	72.42	1,566.62	10/24/06	1,639.04	72.57	1,566.47	10/26/07	-0.1

# Water Level Elevations for Bunker Hill Basin

(Fall 2006 and Fall 2007)

State Well Number	Well Name	Owner or Measuring Agency	2006				2007				Difference Fall 2006 to Fall 2007
			Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	
01S/02W-07R001S	Cone Camp	U.S. Geological Survey/SBVMWD	1,680.00	188.17	1491.83	10/26/06	1,680.00	260.45	1,419.55	11/01/07	-72.3
01S/02W-08C002S	N. of Greenspot	U.S. Geological Survey/SBVMWD	1,806.70	70.44	1736.26	10/26/06	1,806.70	70.20	1,736.50	11/01/07	0.2
01S/02W-14L001S	E. of Garnet St.	U.S. Geological Survey/SBVMWD	2,565.00	128.74	2436.26	10/26/06	2,565.00	170.80	2,394.20	11/01/07	-42.1
01S/02W-29C001S	Sapphire St.	U.S. Geological Survey/SBVMWD	1,835.00	83.77	1751.23	10/26/06	1,835.00	89.96	1,745.04	11/01/07	-6.2
01S/02W-29M001S	Crafton/Highland	U.S. Geological Survey/SBVMWD	1,851.80	207.52	1644.28	10/26/06	1,851.80	205.24	1,646.56	04/19/07	2.3
01S/02W-30B003S	King Street	U.S. Geological Survey/SBVMWD	1,709.15	71.92	1637.23	10/26/06	1,709.15	83.85	1,625.30	11/01/07	-11.9
01S/03W-01H001S	E. of East Highlands	U.S. Geological Survey/SBVMWD	1,541.30	169.87	1371.43	10/24/06	1,541.30	231.20	1,310.10	10/31/07	-61.3
01S/03W-09E002S	E. of Norton AFB	U.S. Geological Survey/SBVMWD	1,190.00	186.15	1003.85	10/23/06	1,190.00	201.84	988.16	10/30/07	-15.7
01S/03W-15K001S	Riverview	U.S. Geological Survey/SBVMWD	1368.78	176.83	1191.95	10/24/06	1368.78	193.46	1,175.32	10/26/07	-16.6
01S/03W-15K002S	Riverview	U.S. Geological Survey/SBVMWD	1368.78	177.07	1191.71	10/24/06	1368.78	193.37	1,175.41	10/26/07	-16.3
01S/03W-15K003S	Riverview	U.S. Geological Survey/SBVMWD	1368.78	177.32	1191.46	10/24/06	1368.78	193.32	1,175.46	10/26/07	-16.0
01S/03W-15K004S	Riverview	U.S. Geological Survey/SBVMWD	1368.78	177.11	1191.67	10/24/06	1368.78	193.09	1,175.69	10/26/07	-16.0
01S/03W-15K005S	Riverview	U.S. Geological Survey/SBVMWD	1368.78	178.66	1190.12	10/24/06	1368.78	194.17	1,174.61	10/26/07	-15.5
01S/03W-17H001S	W. of Alabama	U.S. Geological Survey/SBVMWD	1,222.65	FC	FC	-	1,222.65	FC	FC	-	-
01S/03W-23A003S	San Bernardino Ave./Nelson St.	U.S. Geological Survey/SBVMWD	1,475.00	212.86	1262.14	10/26/06	1,475.00	237.60	1,237.40	11/01/07	-24.7
01S/03W-28C001S	Redlands/Tennessee	U.S. Geological Survey/SBVMWD	1,270.00	147.89	1122.11	10/23/06	1,270.00	151.24	1,118.76	10/31/07	-3.4
01S/03W-31A003S	Whittier Ave.	U.S. Geological Survey/SBVMWD	1,203.00	190.27	1012.73	10/23/06	1,203.00	200.88	1,002.12	11/01/07	-10.6
01S/03W-33C001S	Redlands	U.S. Geological Survey/SBVMWD	1,309.80	156.28	1153.52	08/29/06	1,309.80	155.50	1,154.30	08/28/07	0.8
01S/03W-35G005S	Highland/Roosevelt	U.S. Geological Survey/SBVMWD	1,534.90	21.42	1513.48	10/23/06	1,534.90	23.13	1,511.77	11/01/07	-1.7
01S/04W-02D006S	near Sierra High School	U.S. Geological Survey/SBVMWD	1,078.88	204.91	873.97	10/25/06	1,078.88	210.06	868.82	10/26/07	-5.1
01S/04W-02D007S	near Sierra High School	U.S. Geological Survey/SBVMWD	1,078.88	200.96	877.92	10/25/06	1,078.88	206.46	872.42	10/26/07	-5.5
01S/04W-02D008S	near Sierra High School	U.S. Geological Survey/SBVMWD	1,078.88	139.91	938.97	10/25/06	1,078.88	146.99	931.89	10/26/07	-7.1
01S/04W-03N001S	Feldheim Library 1	U.S. Geological Survey/SBVMWD	1,060.00	193.40	866.60	10/19/06	1,060.00	192.92	867.08	10/12/07	0.5
01S/04W-03N002S	Feldheim Library 1	U.S. Geological Survey/SBVMWD	1,060.00	194.21	865.79	10/19/06	1,060.00	192.82	867.18	10/12/07	1.4
01S/04W-03N003S	Feldheim Library 1	U.S. Geological Survey/SBVMWD	1,060.00	176.88	883.12	10/19/06	1,060.00	182.93	877.07	10/12/07	-6.1
01S/04W-03N004S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1,060.00	130.58	929.42	10/19/06	1,060.00	137.77	922.23	10/12/07	-7.2
01S/04W-03N005S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1,060.00	122.17	937.83	10/19/06	1,060.00	128.71	931.29	10/12/07	-6.5
01S/04W-03N006S	Feldheim Library 2	U.S. Geological Survey/SBVMWD	1,060.00	95.38	964.62	10/19/06	1,060.00	99.23	960.77	10/12/07	-3.9
01S/04W-03Q001S	5th/Sierra Way (Heap??)	U.S. Geological Survey/SBVMWD	1,041.80	-	-	10/26/06	1,041.80	-	-	10/29/07	-
01S/04W-04E004S	Garner Park	U.S. Geological Survey/SBVMWD	1,121.28	-	-	10/25/06	1,121.28	-	-	10/30/07	-
01S/04W-04E005S	Garner Park	U.S. Geological Survey/SBVMWD	1,121.28	182.54	938.74	10/25/06	1,121.28	187.50	933.78	10/30/07	-5.0
01S/04W-04E006S	Garner Park	U.S. Geological Survey/SBVMWD	1,121.28	201.36	919.92	10/25/06	1,121.28	205.17	916.11	10/30/07	-3.8
01S/04W-09J001S	G Street	U.S. Geological Survey/SBVMWD	1,030.00	157.84	872.16	10/25/06	1,030.00	164.12	865.88	10/29/07	-6.3
01S/04W-10B002S	San Bernardino/multi	U.S. Geological Survey/SBVMWD	1,017.60	153.10	864.50	10/24/06	1,017.60	157.18	860.42	10/31/07	-4.1
01S/04W-10B003S	San Bernardino/multi	U.S. Geological Survey/SBVMWD	1,017.60	90.90	926.70	10/24/06	1,017.60	98.71	918.89	10/31/07	-7.8
01S/04W-10B004S	San Bernardino/multi	U.S. Geological Survey/SBVMWD	1,017.70	59.43	958.27	10/24/06	1,017.70	60.32	957.38	10/31/07	-0.9
01S/04W-10F001S	D & 2nd Streets	U.S. Geological Survey/SBVMWD	1,029.70	92.44	937.26	10/25/06	1,029.70	99.39	930.31	10/29/07	-6.9
01S/04W-10K001S	Burbank Elementary	U.S. Geological Survey/SBVMWD	1,005.00	66.03	938.97	10/18/06	1,005.00	73.56	931.44	10/11/07	-7.5
01S/04W-10K002S	Burbank Elementary	U.S. Geological Survey/SBVMWD	1,005.00	64.45	940.55	10/18/06	1,005.00	71.80	933.20	10/11/07	-7.3
01S/04W-10K003S	Burbank Elementary	U.S. Geological Survey/SBVMWD	1,005.00	60.11	944.89	10/18/06	1,005.00	65.43	939.57	10/11/07	-5.3
01S/04W-11K002S	Lena Road 2	U.S. Geological Survey/SBVMWD	1,030.00	98.96	931.04	10/30/06	1,030.00	105.80	924.20	10/11/07	-6.8
01S/04W-11K003S	Lena Road 2	U.S. Geological Survey/SBVMWD	1,030.00	93.91	936.09	10/30/06	1,030.00	100.71	929.29	10/11/07	-6.8
01S/04W-11K004S	Lena Road 2	U.S. Geological Survey/SBVMWD	1,030.00	91.76	938.24	10/30/06	1,030.00	98.23	931.77	10/11/07	-6.5
01S/04W-11K005S	Lena Road 2	U.S. Geological Survey/SBVMWD	1,030.00	73.82	956.18	10/30/06	1,030.00	75.29	954.71	10/11/07	-1.5
01S/04W-11K006S	Lena Road 1	U.S. Geological Survey/SBVMWD	1,030.00	142.88	887.12	10/30/06	1,030.00	143.72	886.28	10/11/07	-0.8
01S/04W-11K007S	Lena Road 1	U.S. Geological Survey/SBVMWD	1,030.00	161.66	868.34	10/30/06	1,030.00	154.50	875.50	10/11/07	7.2
01S/04W-11K008S	Lena Road 1	U.S. Geological Survey/SBVMWD	1,030.00	148.19	881.81	10/30/06	1,030.00	144.13	885.87	10/11/07	4.1
01S/04W-12B004S	Norton AFB	U.S. Geological Survey/SBVMWD	1,087.00	176.58	910.42	10/23/06	1,087.00	183.58	903.42	10/30/07	-7.0
01S/04W-14E008S	Mill Center 1	U.S. Geological Survey/SBVMWD	1,020.00	163.76	856.24	10/30/06	1,020.00	156.69	863.31	10/11/07	7.1
01S/04W-14E009S	Mill Center 2	U.S. Geological Survey/SBVMWD	1,020.00	148.78	871.22	10/30/06	1,020.00	138.93	881.07	10/11/07	9.8

# Water Level Elevations for Bunker Hill Basin

(Fall 2006 and Fall 2007)

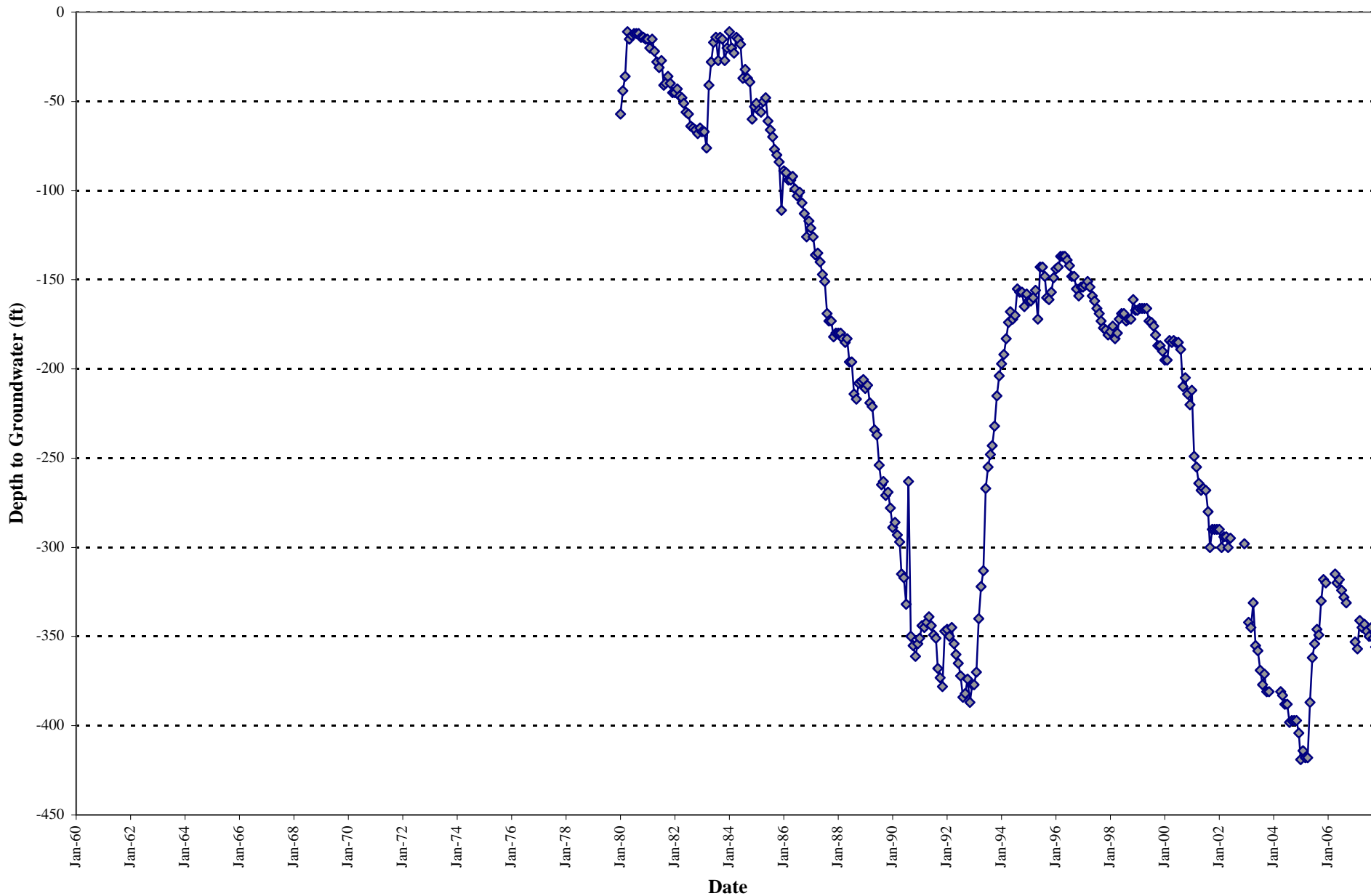
State Well Number	Well Name	Owner or Measuring Agency	2006				2007				Difference Fall 2006 to Fall 2007
			Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	Measuring Point Elevation	Depth to Water (ft)	Groundwater Elevation (ft, AMSL)	Date Measured	
01S/04W-14E010S	Mill Center 2	U.S. Geological Survey/SBVMWD	1,020.00	120.91	899.09	10/30/06	1,020.00	120.05	899.95	10/11/07	0.9
01S/04W-14E011S	Mill Center 2	U.S. Geological Survey/SBVMWD	1,020.00	95.30	924.70	10/30/06	1,020.00	103.52	916.48	10/11/07	-8.2
01S/04W-14E012S	Mill Center 2	U.S. Geological Survey/SBVMWD	1,020.00	90.47	929.53	10/30/06	1,020.00	91.23	928.77	10/11/07	-0.8
01S/04W-14E013S	Mill Center 2	U.S. Geological Survey/SBVMWD	1,020.00	46.58	973.42	10/30/06	1,020.00	46.68	973.32	10/11/07	-0.1
01S/04W-15F006S	Orange Show	U.S. Geological Survey/SBVMWD	990.00	60.81	929.19	10/18/06	990.00	69.67	920.33	09/12/07	-8.9
01S/04W-15F007S	Orange Show	U.S. Geological Survey/SBVMWD	990.00	55.24	934.76	10/18/06	990.00	63.12	926.88	09/12/07	-7.9
01S/04W-15F008S	Orange Show	U.S. Geological Survey/SBVMWD	990.00	48.20	941.80	10/18/06	990.00	51.46	938.54	09/12/07	-3.3
01S/04W-22B003S	W. of Waterman	U.S. Geological Survey/SBVMWD	1,002.00	85.00	917.00	10/23/06	1,002.00	94.26	907.74	10/30/07	-9.3
01S/04W-22B009S	Treatment Plant	U.S. Geological Survey/SBVMWD	995.00	70.95	924.05	10/19/06	995.00	82.07	912.93	10/11/07	-11.1
01S/04W-22B010S	Treatment Plant	U.S. Geological Survey/SBVMWD	995.00	69.52	925.48	10/19/06	995.00	79.61	915.39	10/11/07	-10.1
01S/04W-22B011S	Treatment Plant	U.S. Geological Survey/SBVMWD	995.00	40.63	954.37	10/19/06	995.00	40.53	954.47	10/11/07	0.1
01S/04W-22D002S	Orange Show & E Street	U.S. Geological Survey/SBVMWD	977.42	66.42	911.00	10/25/06	977.42	81.33	896.09	10/26/07	-14.9
01S/04W-22D004S	Orange Show & E Street	U.S. Geological Survey/SBVMWD	977.44	68.15	909.29	10/25/06	977.44	79.91	897.53	10/26/07	-11.8
01S/04W-22D005S	Orange Show & E Street	U.S. Geological Survey/SBVMWD	977.35	58.56	918.79	10/25/06	977.35	76.82	900.53	10/26/07	-18.3
01S/04W-22D006S	Orange Show & E Street	U.S. Geological Survey/SBVMWD	977.49	53.40	924.09	10/25/06	977.49	70.96	906.53	10/26/07	-17.6
01S/04W-22D007S	Orange Show & E Street	U.S. Geological Survey/SBVMWD	977.47	44.87	932.60	10/25/06	977.47	45.00	932.47	10/26/07	-0.1
01S/04W-22J001S	Commerce Center West	U.S. Geological Survey/SBVMWD	997.70	93.83	903.87	10/25/06	997.70	102.22	895.48	10/26/07	-8.4
01S/04W-22J002S	Commerce Center West	U.S. Geological Survey/SBVMWD	997.70	108.05	889.65	10/25/06	997.70	113.06	884.64	10/26/07	-5.0
01S/04W-22J003S	Commerce Center West	U.S. Geological Survey/SBVMWD	997.80	88.01	909.79	10/25/06	997.80	96.22	901.58	10/26/07	-8.2
01S/04W-22J004S	Commerce Center West	U.S. Geological Survey/SBVMWD	997.80	33.50	964.30	10/25/06	997.80	34.02	963.78	10/26/07	-0.5
01S/04W-22R007S	Redlands Blvd.	U.S. Geological Survey/SBVMWD	1010.00	85.42	924.58	10/23/06	1010.00	95.80	914.20	10/31/07	-10.4
02N/05W-33K001S	Glen Helen	U.S. Geological Survey/SBVMWD	2,020.00	70.63	1949.37	10/25/06	2,020.00	83.48	1,936.52	10/29/07	-12.8
01S/04W-06H001S	#13 Raynor 4	West Valley Water District (was WSBBCWD)	1,162.00	FC	FC	-	1,162.00	FC	FC	-	-
01S/04W-06H002S	#30 New Raynor 4	West Valley Water District (was WSBBCWD)	1,159.80	221	938.80	12/01/06	1,159.80	224	935.80	11/01/07	-3.0
01S/04W-05E005S	#15 Raynor 5	West Valley Water District (was WSBBCWD)	1,170.00	215	955.00	12/01/06	1,170.00	223	947.00	11/01/07	-8.0
01N/05W-23P002S	#34	West Valley Water District (was WSBBCWD)	1,450.00	59	1,391.00	12/01/06	1,450.00	-	-	-	-
01N/05W-26A003S	#04 Lower 5	West Valley Water District (was WSBBCWD)	1,398.00	-	-	-	1,398.00	-	-	-	-
01N/05W-36J003S	#08 Lord 1	West Valley Water District (was WSBBCWD)	1,262.40	-	-	-	1,262.40	-	-	-	-
01N/05W-23Q001S	#02 Lower 7	West Valley Water District (was WSBBCWD)	1,430.00	118	1,312.00	12/01/06	1,430.00	133	1,297.00	11/01/07	-15.0
01N/05W-23P004S	#01 Upper 4	West Valley Water District (was WSBBCWD)	1,470.00	61	1,409.00	12/01/06	1,470.00	-	-	-	-
01N/05W-25E001S	#05A, Lower 6	West Valley Water District (was WSBBCWD)	1,383.40	117	1,266.40	12/01/06	1,383.40	165	1,218.40	11/01/07	-48.0
01N/05W-36H004S	#07 Lord 7	West Valley Water District (was WSBBCWD)	1,273.80	362	911.80	12/01/06	1,273.80	-	-	-	-
01N/05W-36H005S	#36 Lord	West Valley Water District (was WSBBCWD)	1,270.00	363	907.00	12/01/06	1,270.00	390	880.00	11/01/07	-27.0
01N/05W-26A006S	#04A	West Valley Water District (was WSBBCWD)	1,400	118	1,282.00	12/01/06	1,400	161	1,239.00	11/01/07	-43.0
01N/05W-36H006S	#08A	West Valley Water District (was WSBBCWD)	1,275	363	912.00	12/01/06	1,275	395	880.00	11/01/07	-32.0

# Hydrographs for Key Wells

# West Valley Water District

## Well 8

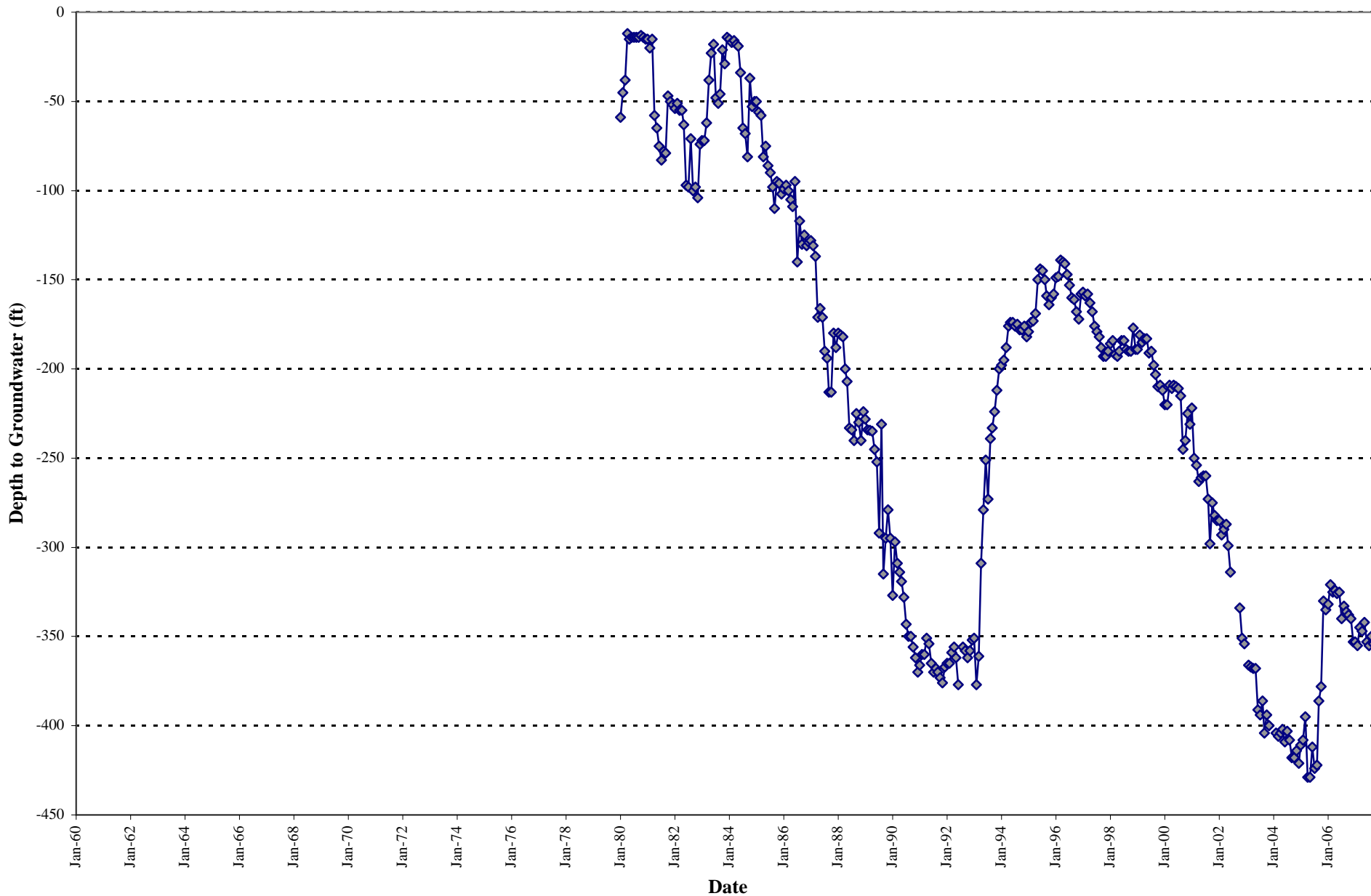
*SWN 1N5W-36H06S*



# West Valley Water District

## Well 7

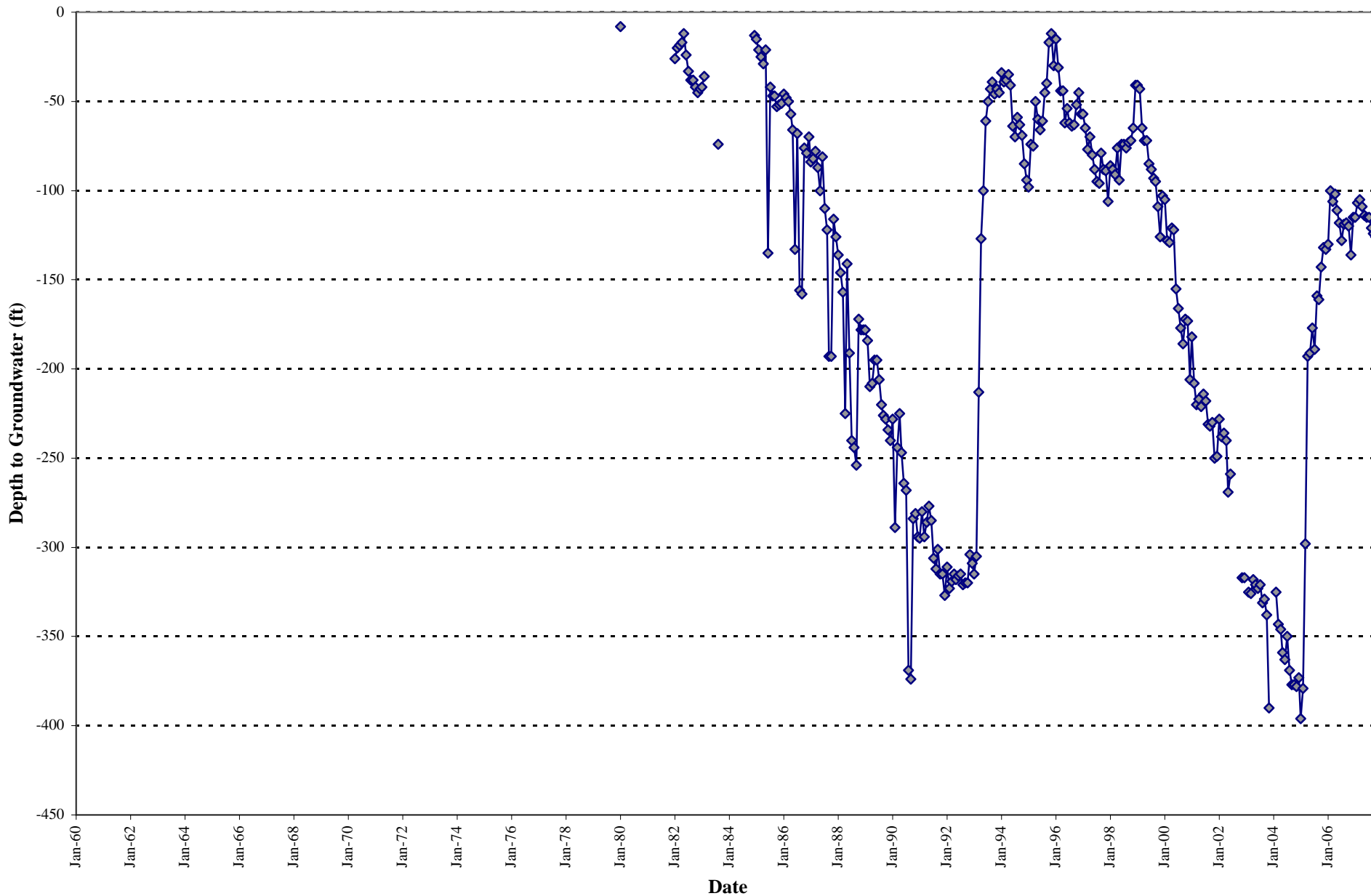
*SWN 1N5W-36H04S*



# West Valley Water District

## Well 2

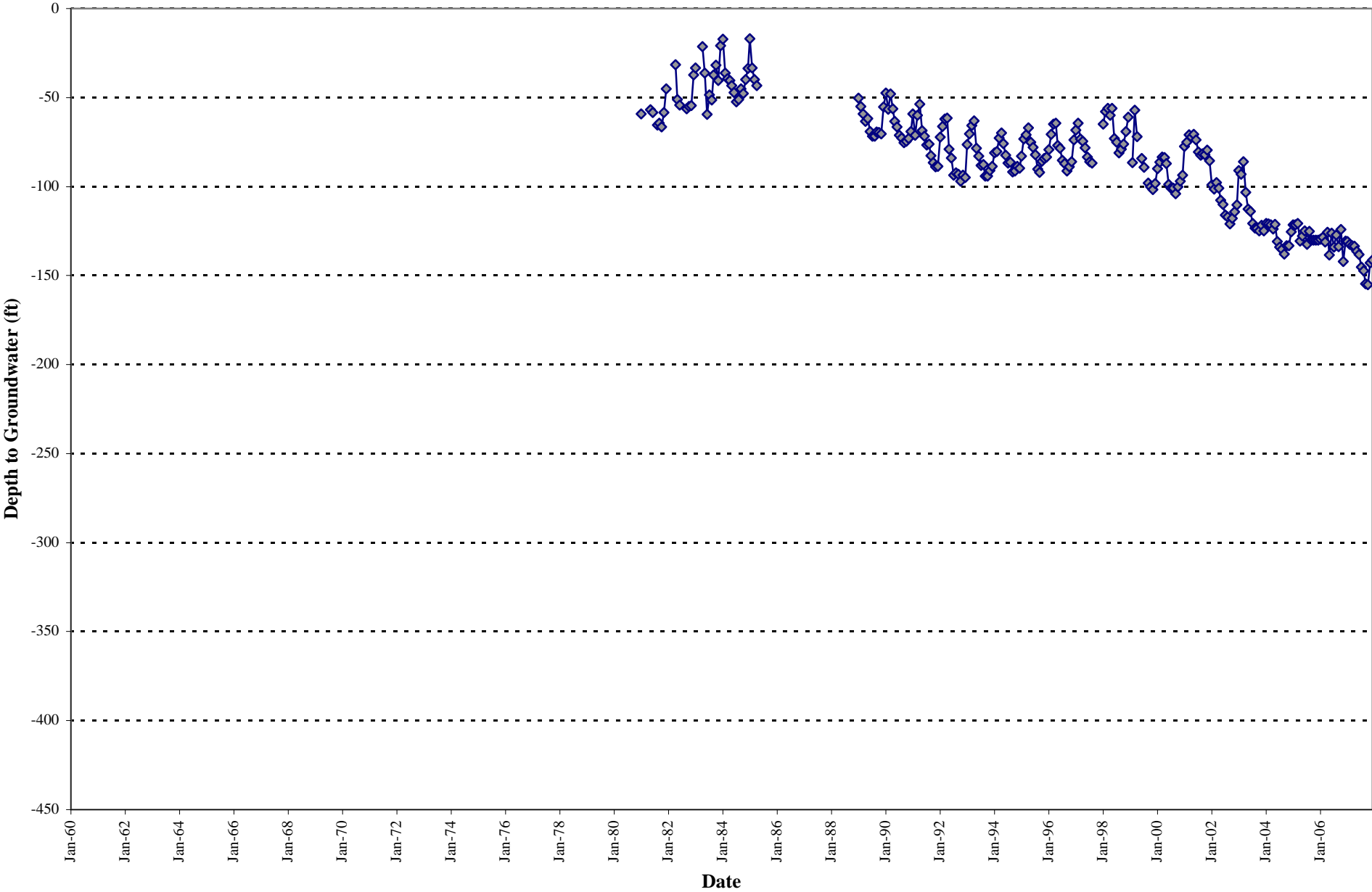
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# City of Riverside - Gage Canal

## Well 26-1

*SWN 1S4W-23A02S*

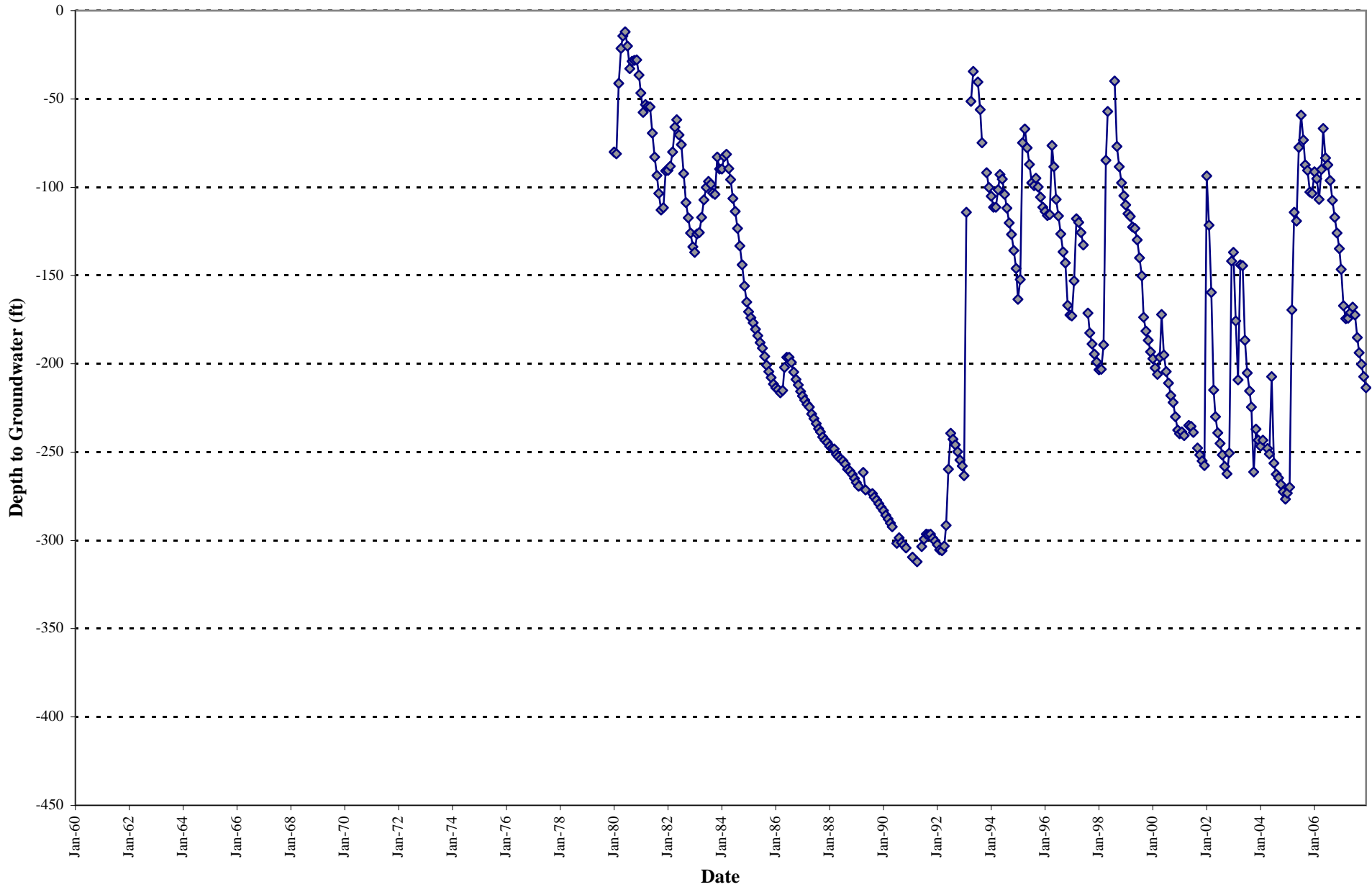




# San Bernardino Valley Water Conservation District

## 12J01

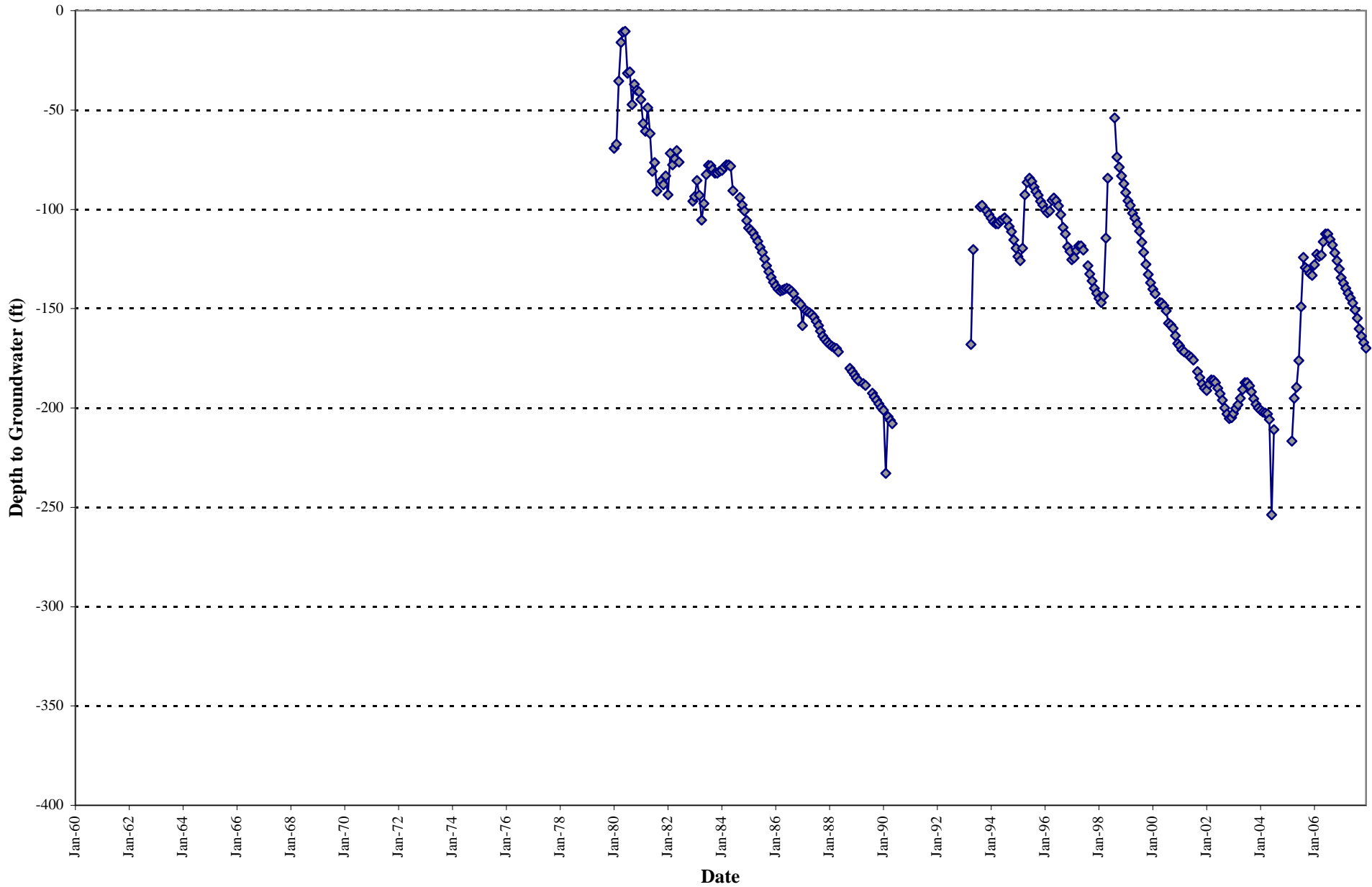
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# San Bernardino Valley Water Conservation District

## 11H01

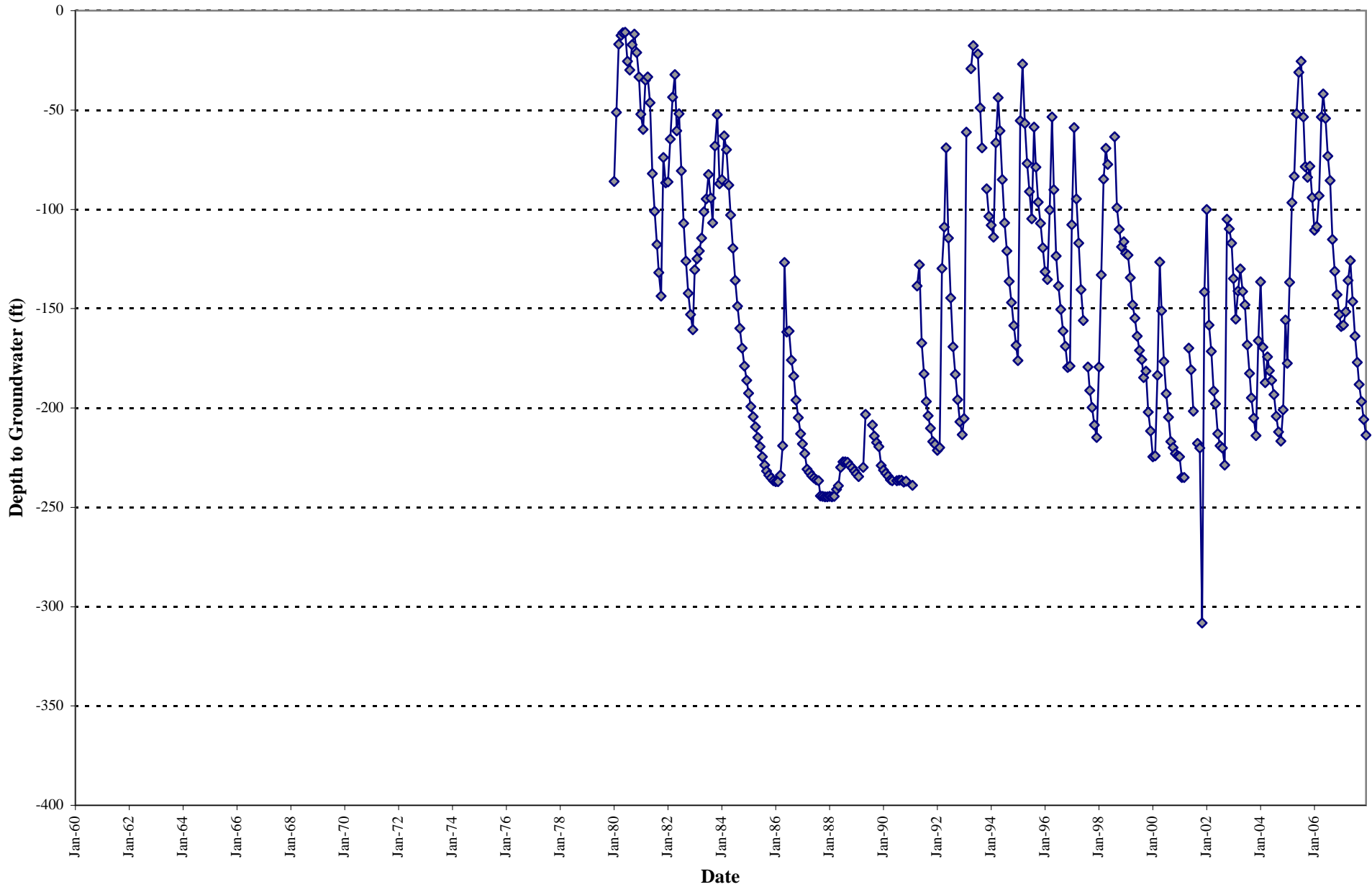
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# San Bernardino Valley Water Conservation District

## 7K01

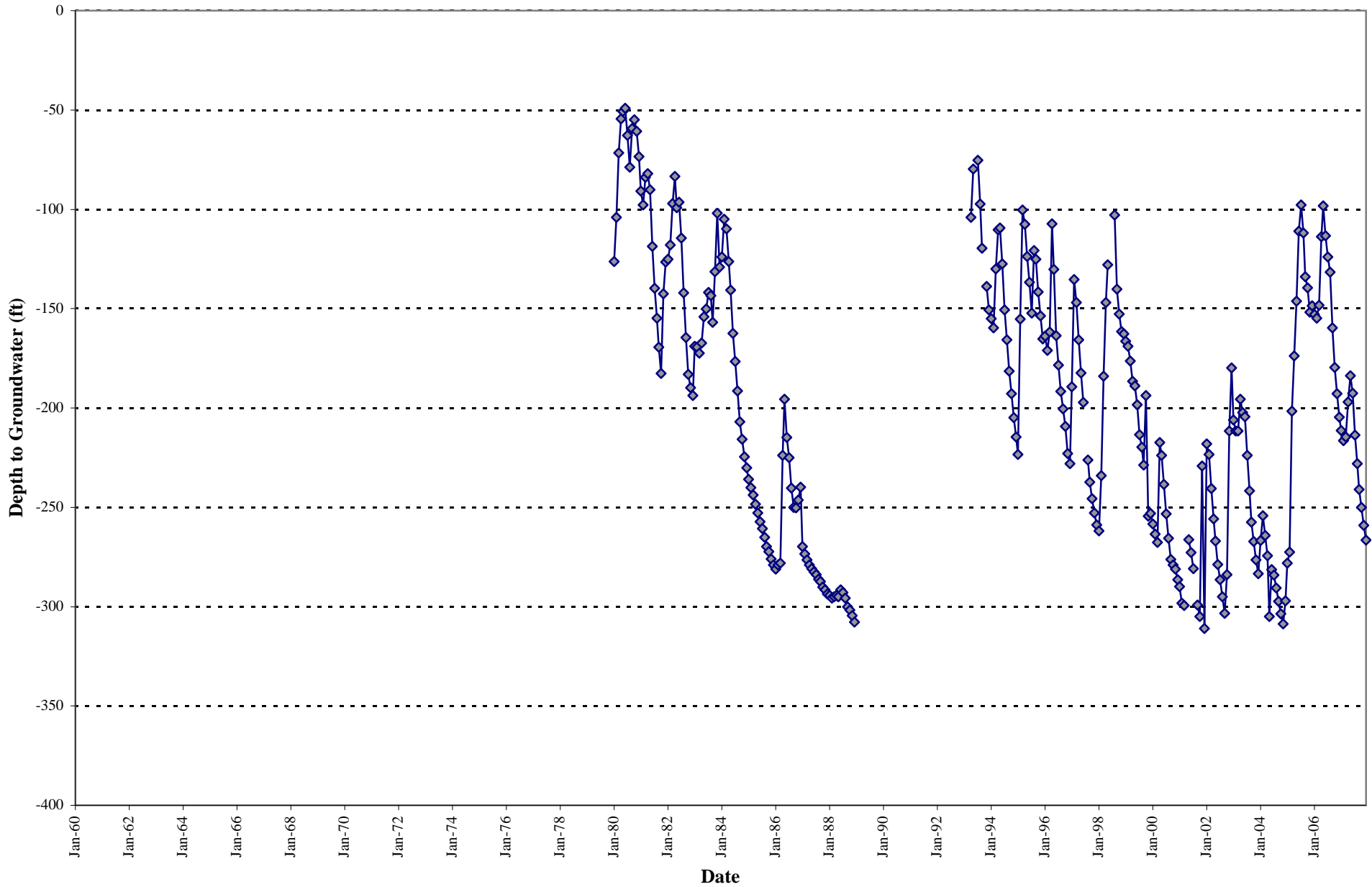
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# San Bernardino Valley Water Conservation District

## 7B01

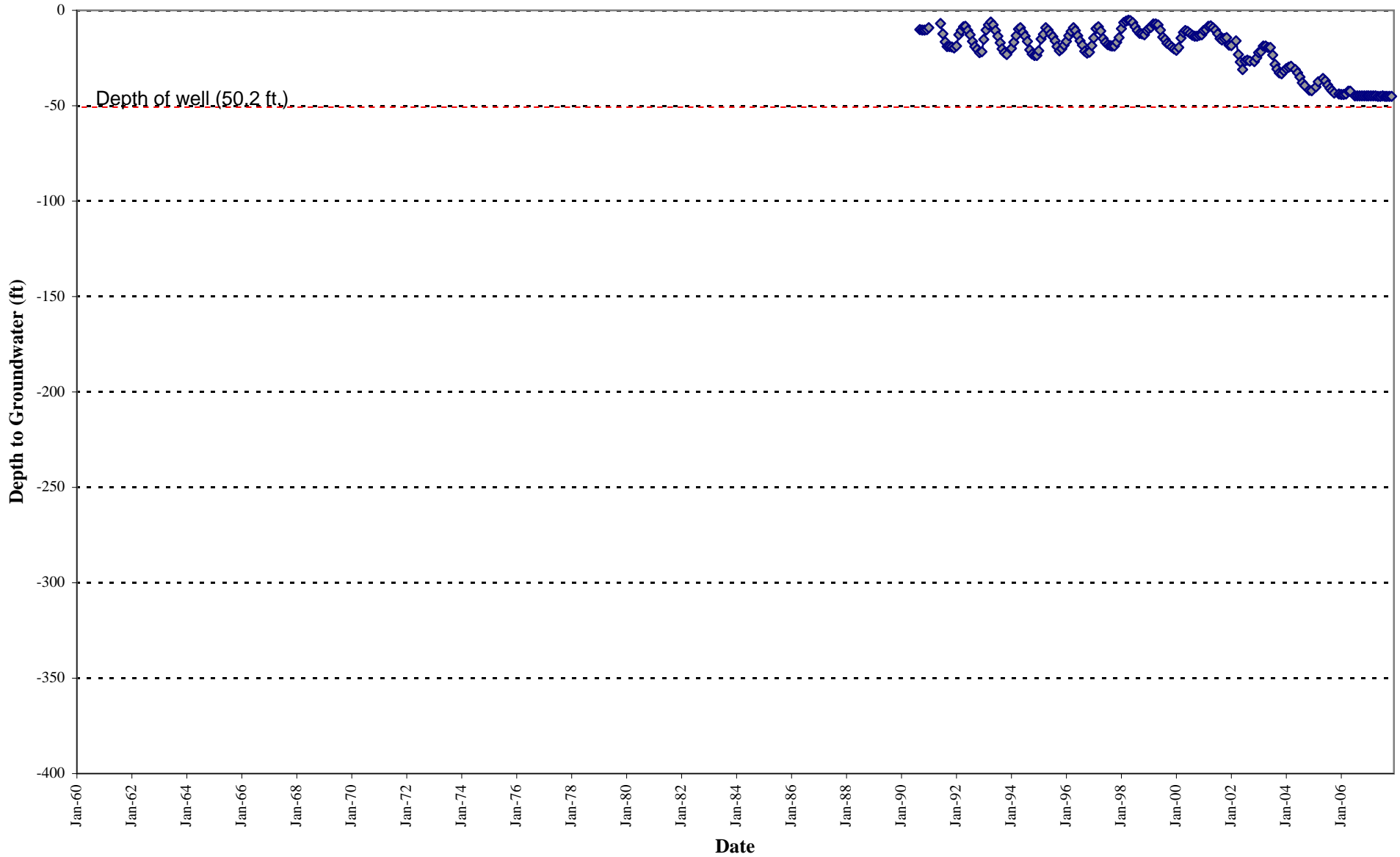
*SWN 1S2W-07B01S*



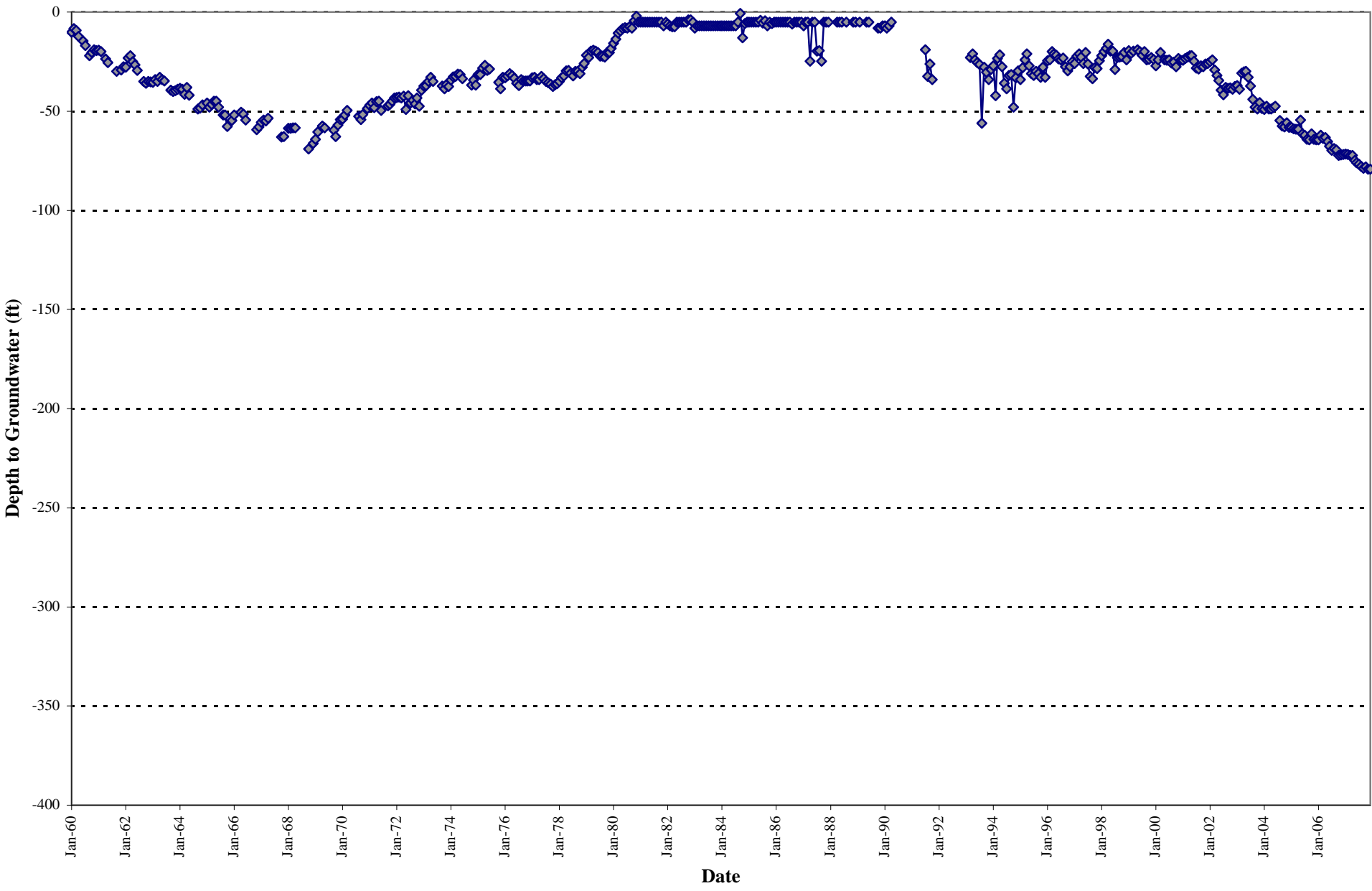
# San Bernardino Valley Municipal Water District

## Backyard Well

*SWN 1S4W-22D07S*



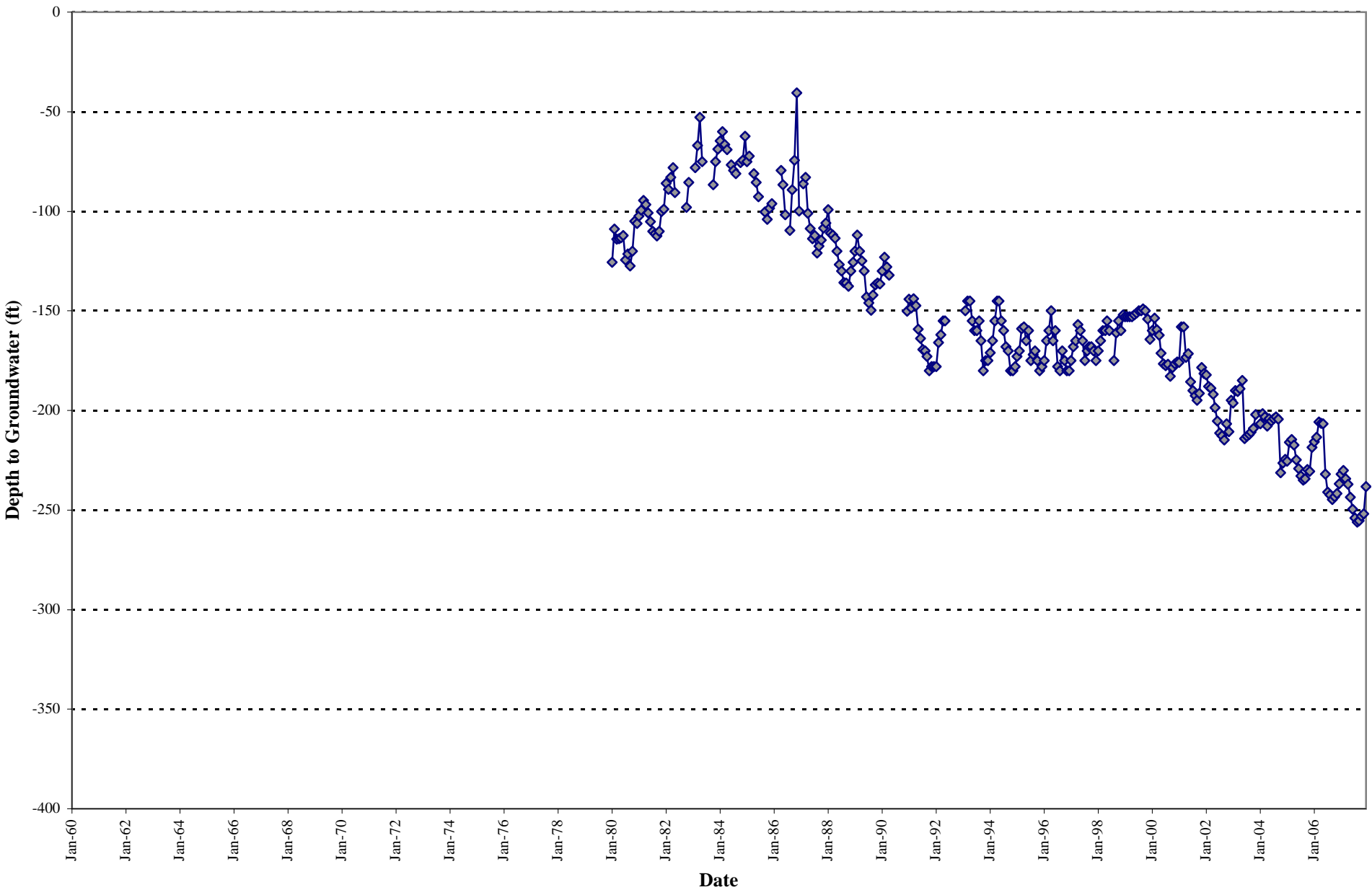
**City of San Bernardino**  
**Mill & D**  
*SWN 1S4W-10N06S*



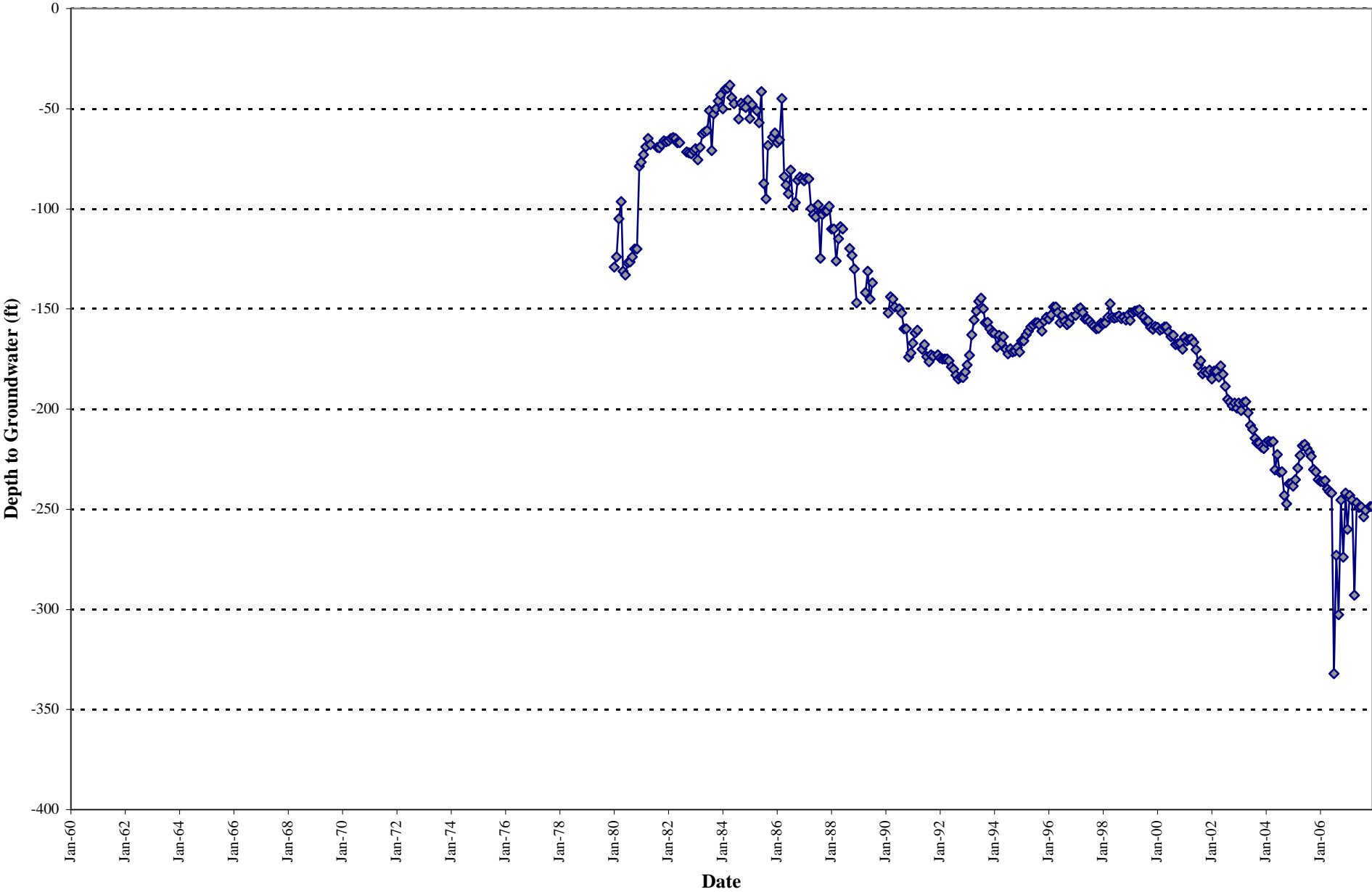
# City of San Bernardino

## Meacham

*SWN 1N4W-35K*

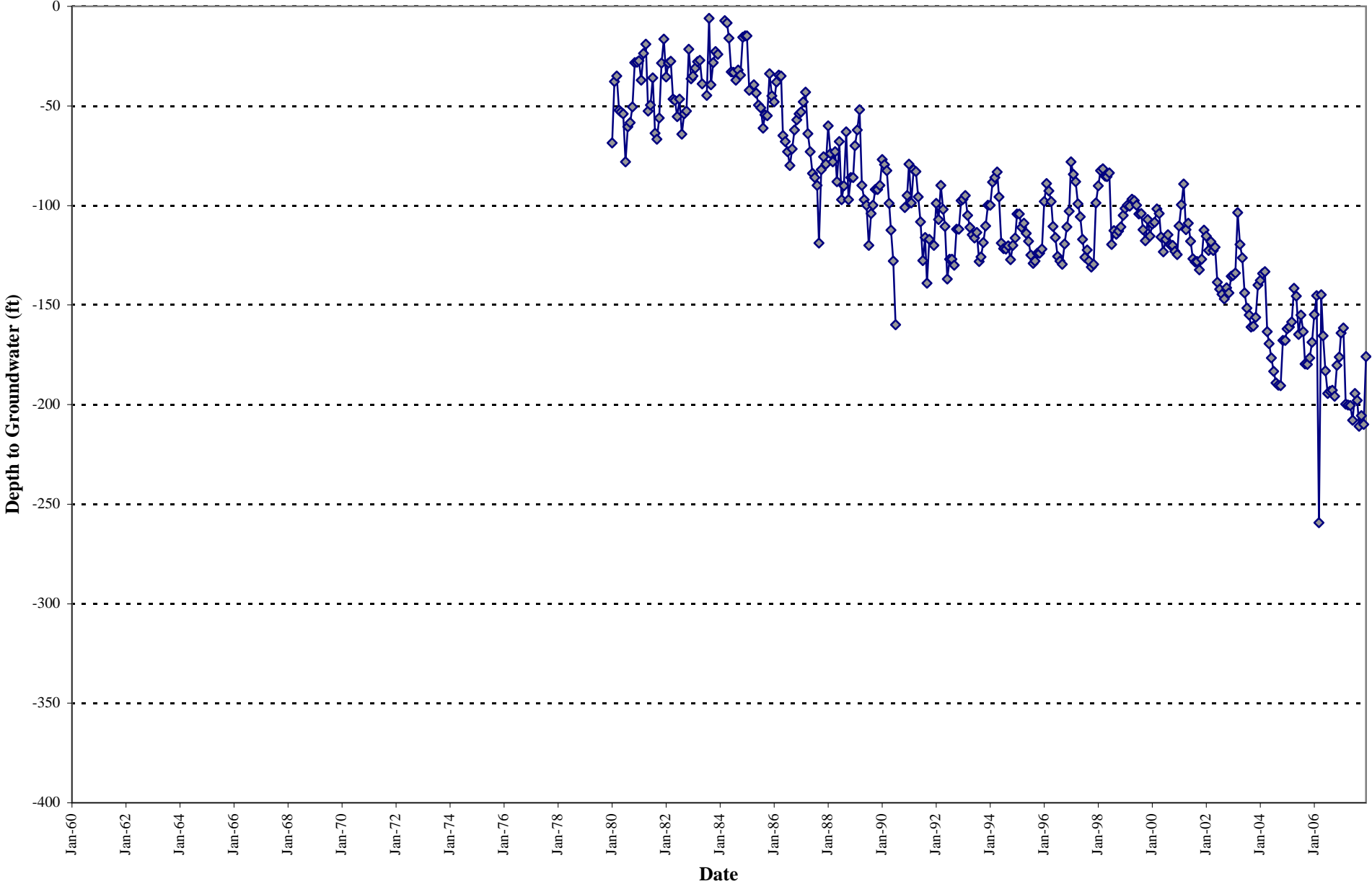


**City of San Bernardino**  
**Baseline**  
*SWN 1N4W-32N01S*

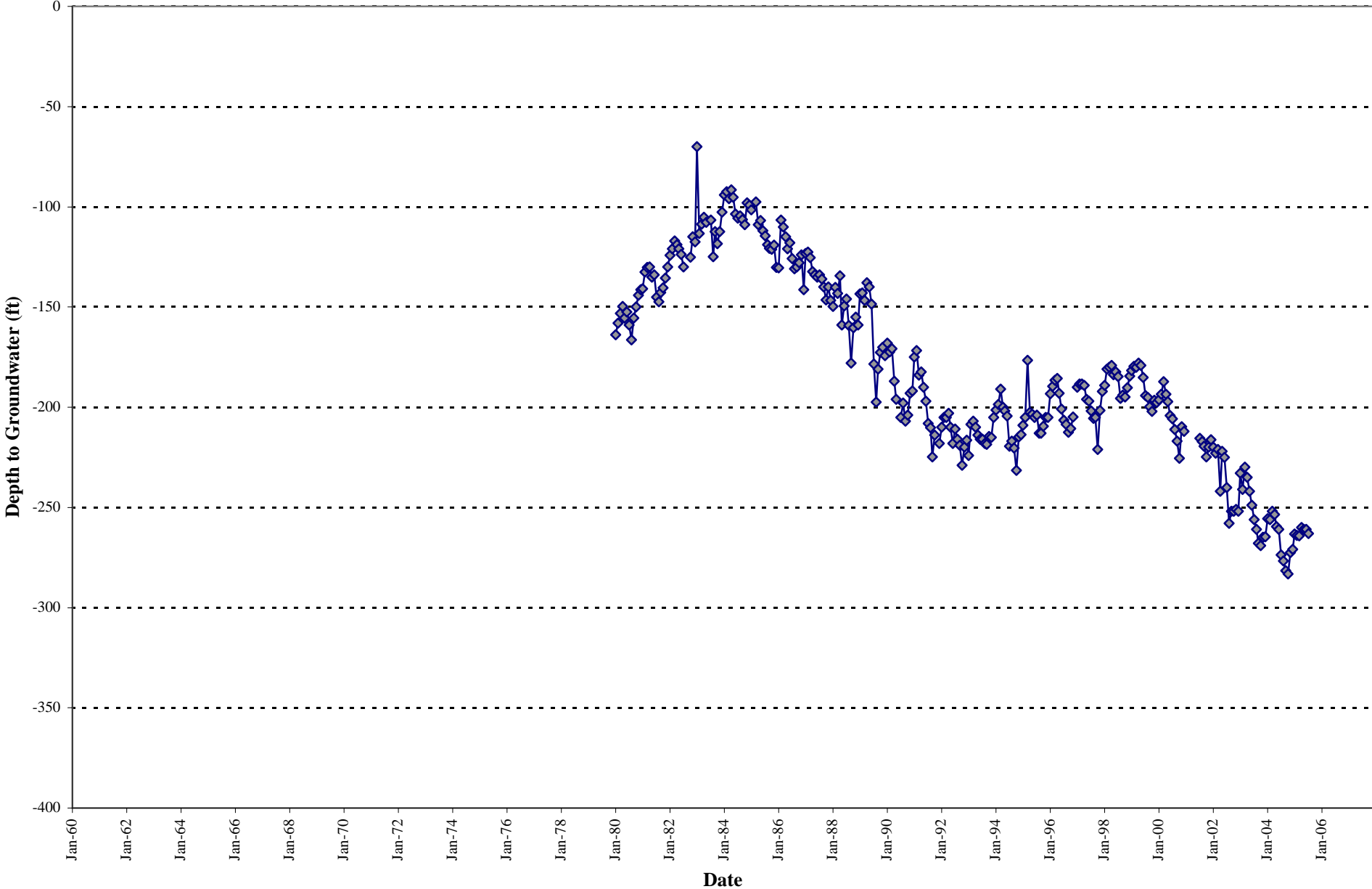




**City of San Bernardino**  
**Antil 6**  
*SWN 1S4W-02K08S*



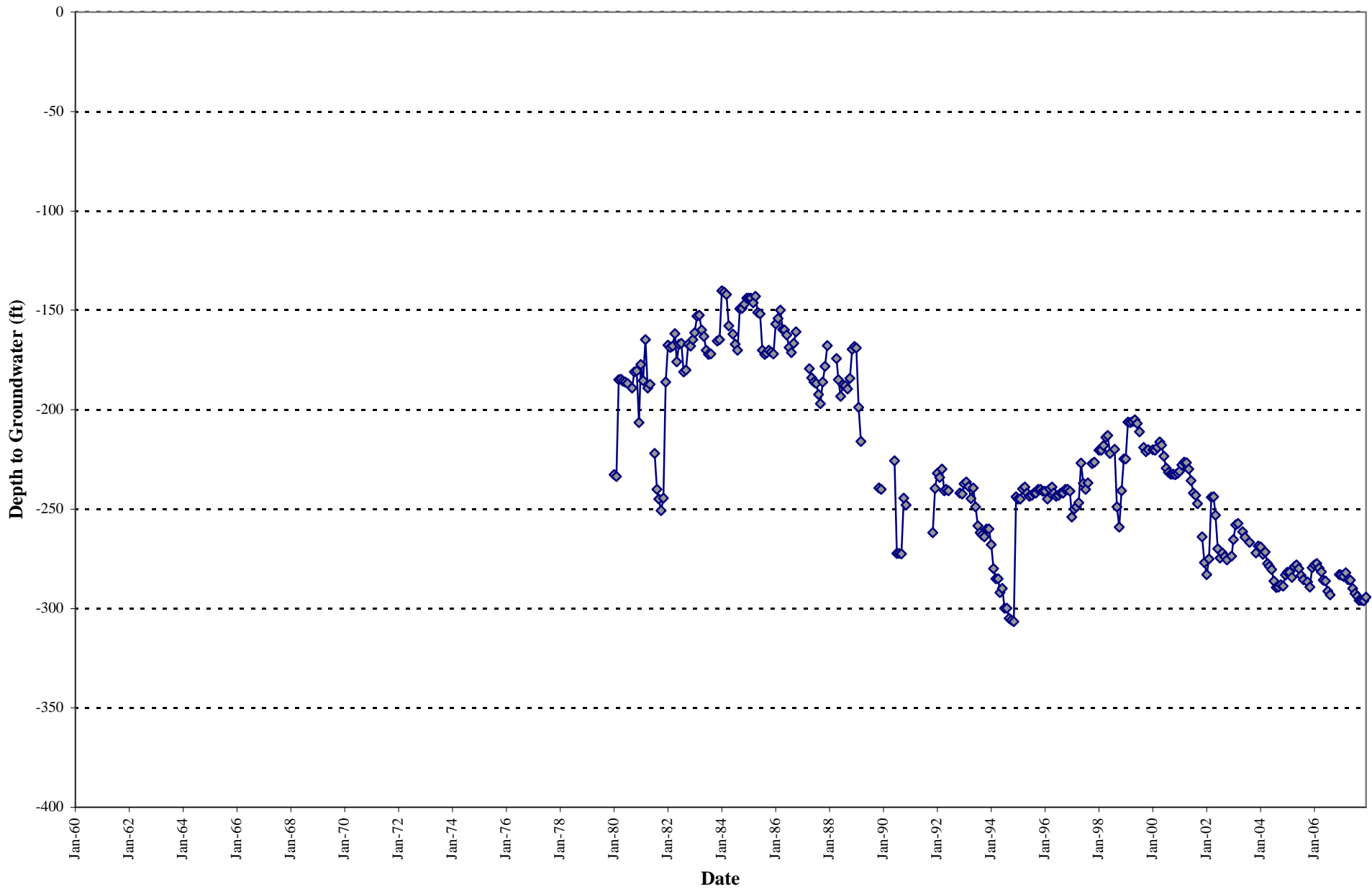
**City of San Bernardino**  
**23rd & E**  
*SWN 1N4W-27N01S*



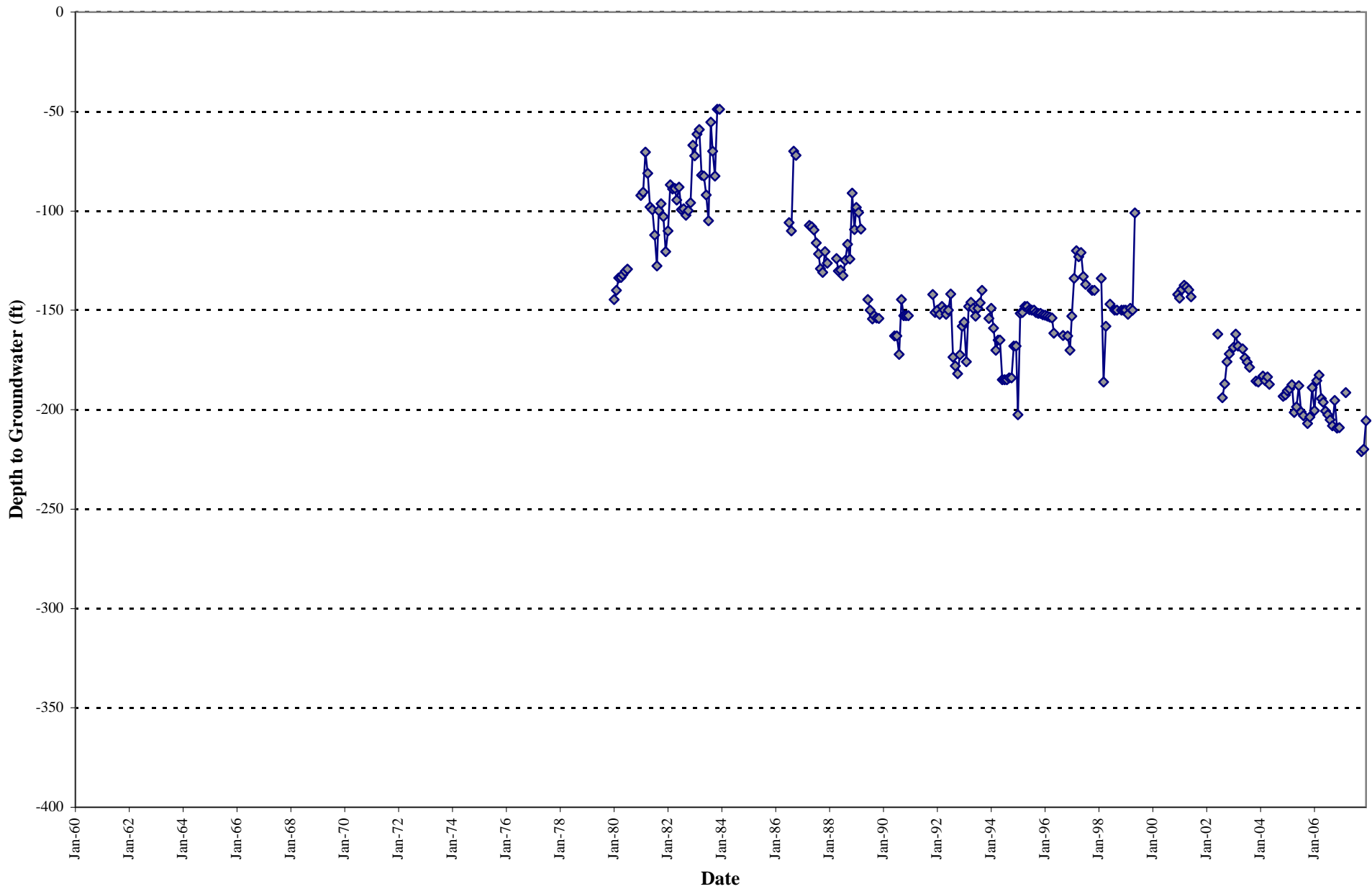
# East Valley Water District

## Well 41

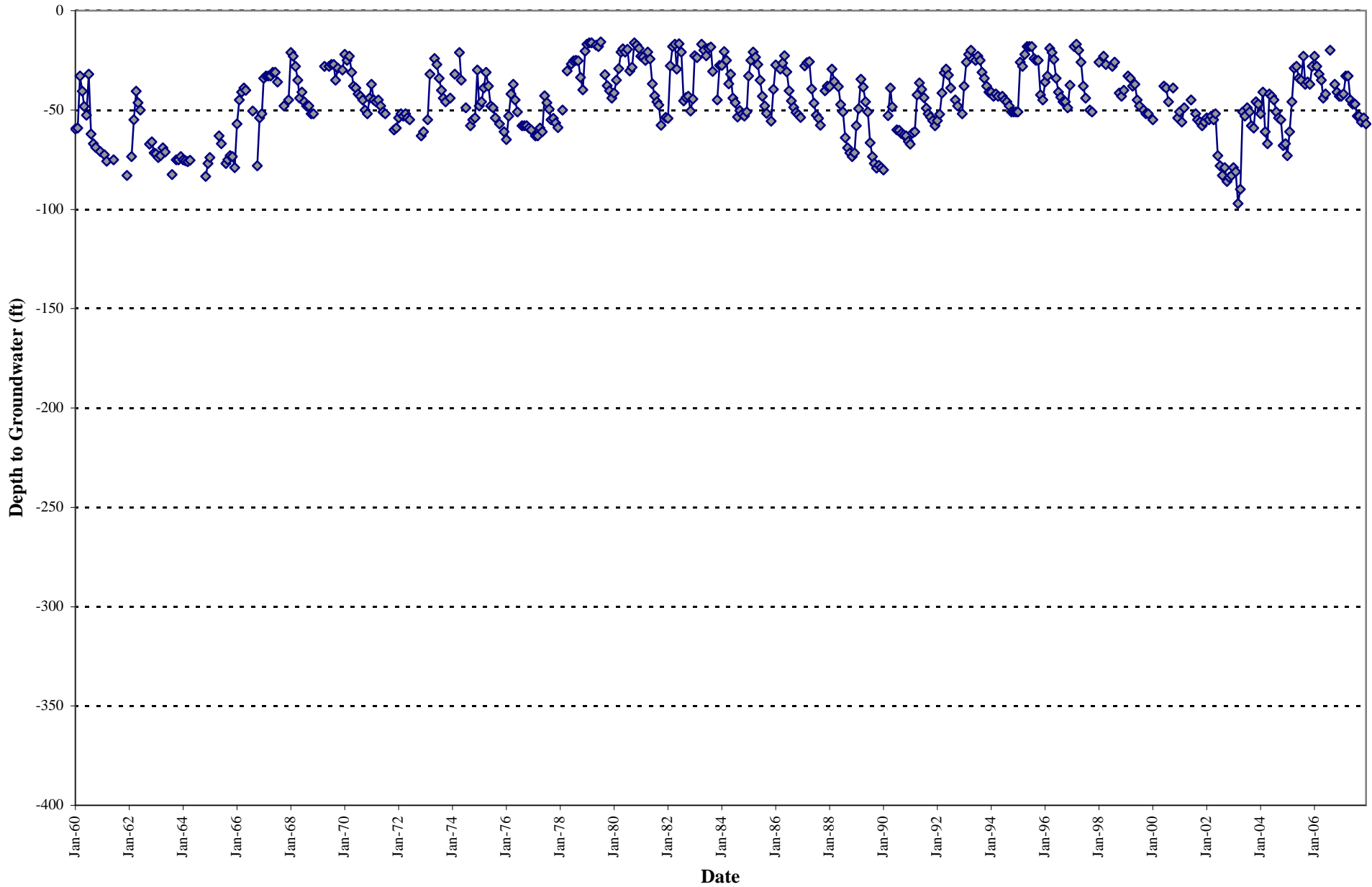
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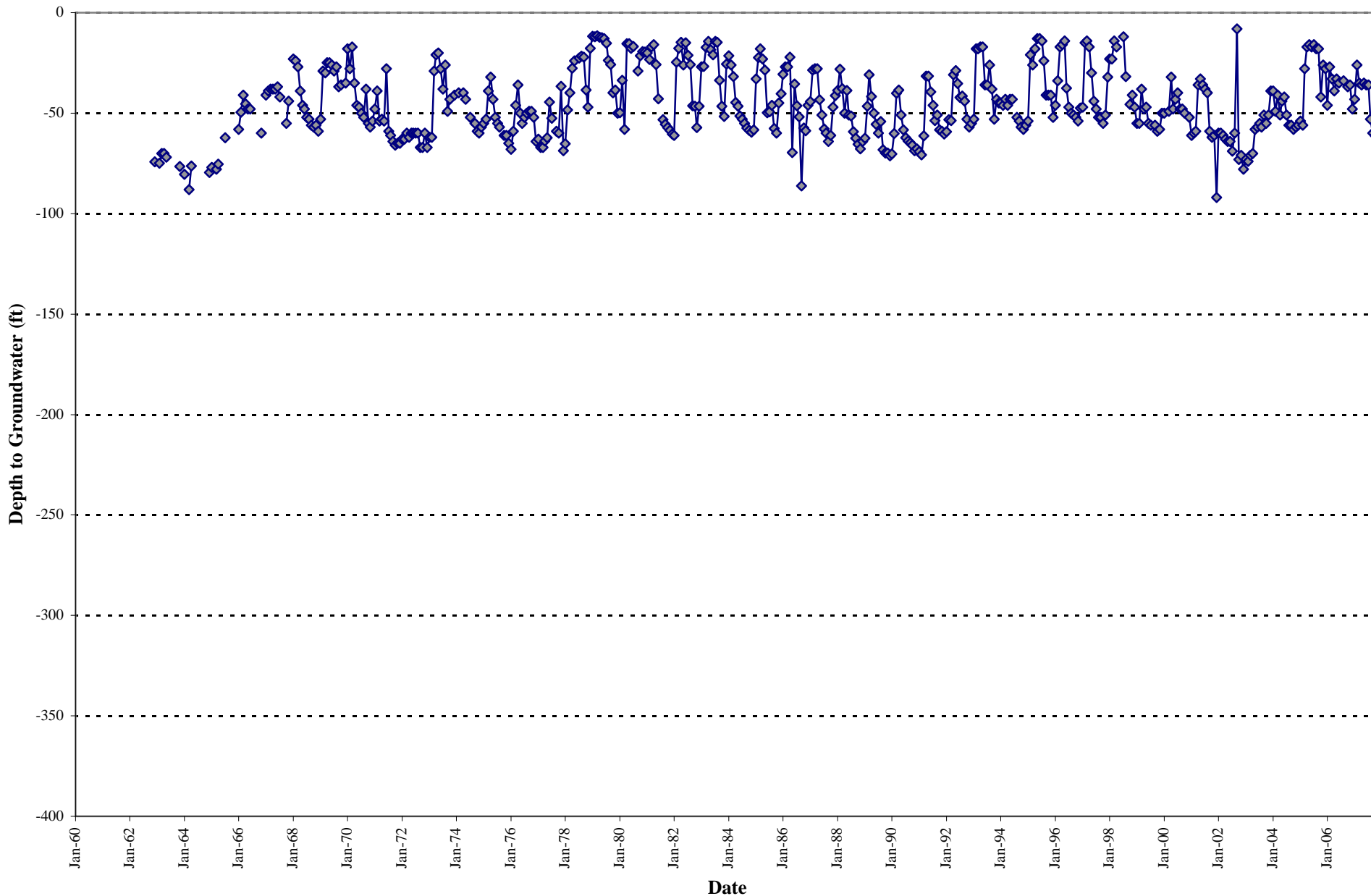
# East Valley Water District Well 9A *SWN 1S3W-06H04S*



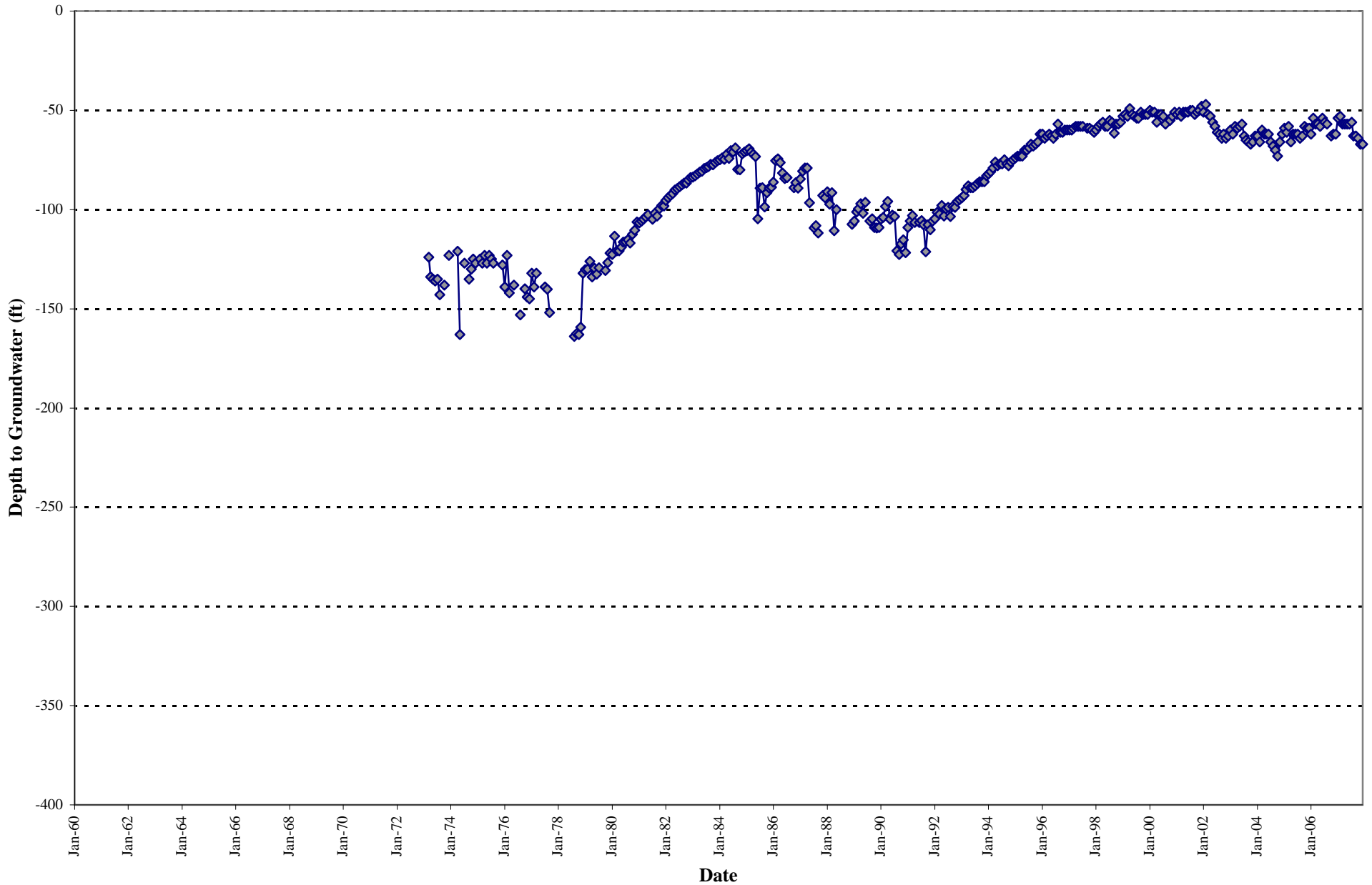
# City of Redlands Maguet 2 SWN 1S2W-21E01S



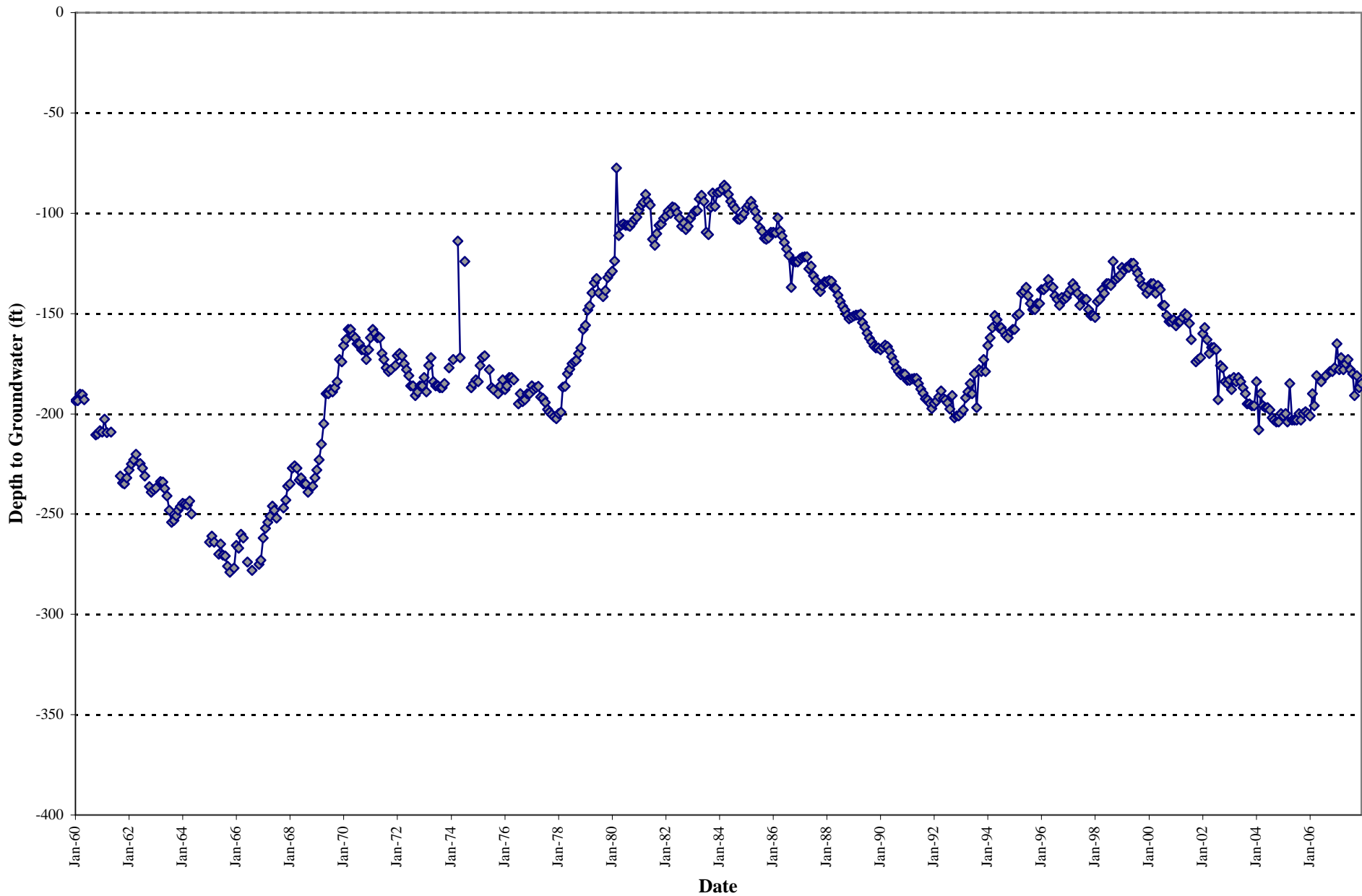
# City of Redlands East Lugonia 6 *SWN 1S2W-21D01S*



# City of Redlands Well 13 *SWN 1S3W-35G09S*

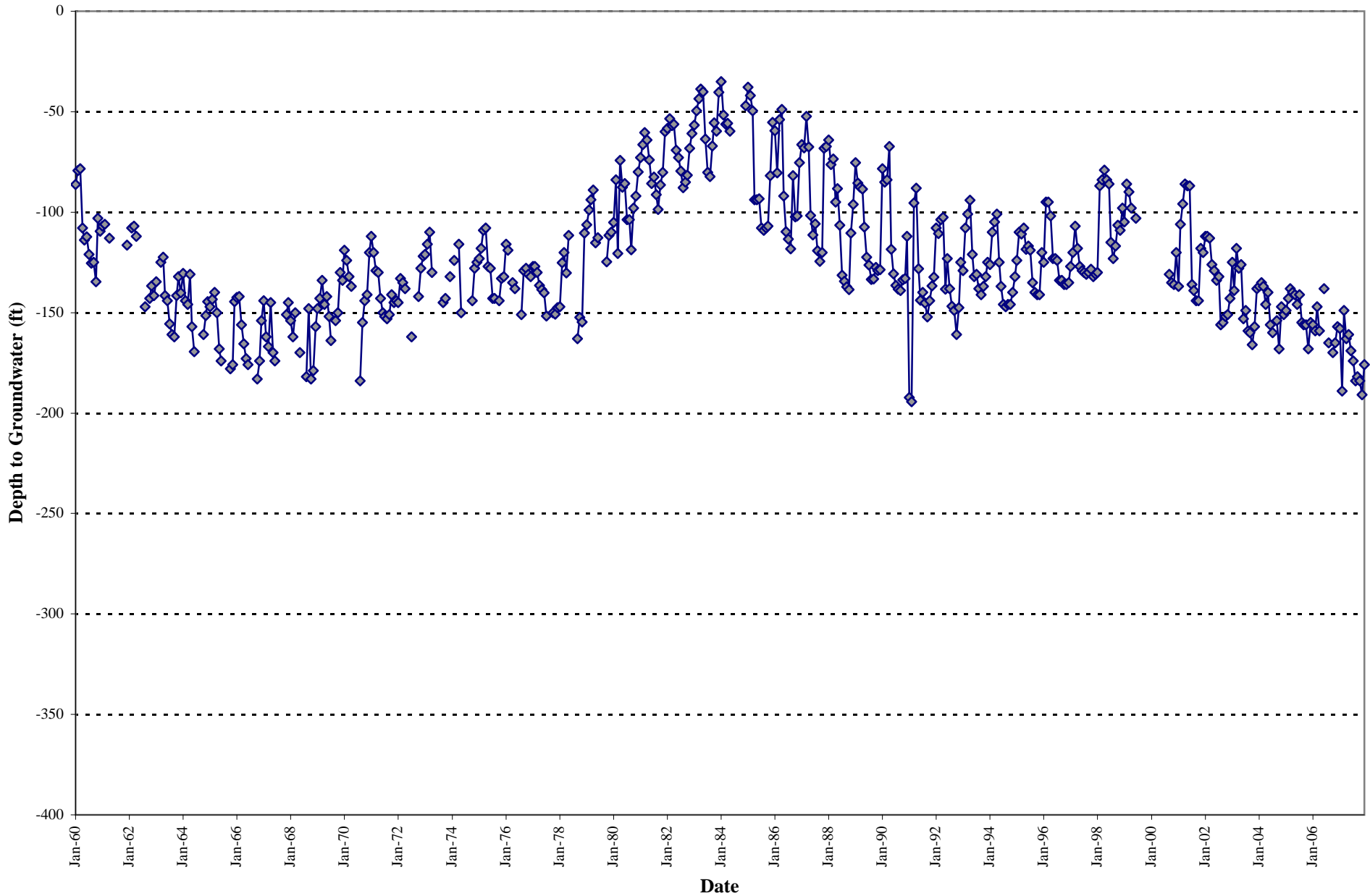


# City of Redlands Well 30A *SWN 1S3W-21H06S*





# City of Redlands Well 34 *SWN 1S4W-24K01S*



# Production Data for the Preceding Water Year

# Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

Owner	Recordation Number	State Well Number	Local Name	Basin	Diversion (acre-ft)	Agricultural Production (acre-ft)	Non-agricultural Production (acre-ft)	Sum of Groundwater Production (acre-ft)	Within SBVWCD Boundary	Notes
Arrowhead County Club	3601925	01N04W23E	1	Bunker Hill		0.00	294.50	294.5	Yes	3
Arroyo Verde Mutual Water Company	3602068	01S04W01A02S	1	Bunker Hill		FC	FC	FC	Yes	2
Arroyo Verde Mutual Water Company	3602069	01S04W01A02	2	Bunker Hill		FC	FC	FC	Yes	2
Baseline Gardens Mutual Water Co.	3600457	01N04W35J02S	1 (Standby)	Bunker Hill		FC	FC	FC	Yes	2
Baseline Gardens Mutual Water Co.	3600458	01N04W36M01S	2	Bunker Hill		0.00	0.00	0.0	Yes	2
Baseline Gardens Mutual Water Co.	3602528	01N04W35R01S	3	Bunker Hill		0.00	289.00	289.0	Yes	2
Bear Valley Mutual Water Company	3600023	01S03W24C	Judson 1	Bunker Hill		0.00	0.00	0.00	Yes	2
Bear Valley Mutual Water Company	3601585	01S03W23A03S	San Bernardino Ave. 1	Bunker Hill		0.00	0.00	0.00	Yes	2
Bear Valley Mutual Water Company	3600028	01S02W04N	Sar Div - Red Tunnel	Bunker Hill	17,689.00	-	-	-		2
Bell, H. Eugene	3600449	01S03W20A	Bell Well	Bunker Hill		0.00	30.00	30.00	Yes	2
Berman, Jerry & Sons	3602007	01S04W02K/L?	2	Bunker Hill		10.00	0.00	10.0	Yes	3
Blue Banner Co.	3602531	01S02W09L03S	Tunnel Div.	Bunker Hill		0.00	100.00	100.00		2
Bryn Mawr Mutual Water Co.	3600053	01S03W31A	1	Bunker Hill		0.00	0.00	0.00	Yes	2
Bryn Mawr Mutual Water Co.	3600054	01S03W31A	2	Bunker Hill		FC	FC	FC	Yes	2
Bryn Mawr Mutual Water Co.	3600055	01S03W31A	3	Bunker Hill		FC	FC	FC	Yes	2
Bryn Mawr Mutual Water Co.	3602109	01S03W31B	4	Bunker Hill		0.00	0.00	0.00	Yes	2
Canyon Knolls Ranch Co Royal Citrus	3601632	02S03W05A02S	Clock Canyon/Marcum	San Timoteo		0.00	0.00	0.00	Yes	2
Cardiff Farms Mutual Water Company	3600973	01S04W12D	1	Bunker Hill		FC	FC	FC	Yes	2
Cardiff Farms Mutual Water Company	3601619	01S04W12D	2	Bunker Hill		FC	FC	FC	Yes	2
Carter, James E., M.D.	3602241	01S03W20F03S	Almond	Bunker Hill		46.00	0.00	46.0	Yes	2
CEMEX USA	3601420	01S03W09W02S	Alabama Street 2	Bunker Hill		0.00	183.00	183.0	Yes	3
CEMEX USA	3603653	01S03W10J02S	Orange Street	Bunker Hill		0.00	1259.60	1,259.6	Yes	3
City Creek Water Company	3600681	01N03W27M	City Creek	Bunker Hill		-	FC	FC		2
Cogbill, Clinton L.	3601628	01S02W09Q	2	Bunker Hill		0.00	50.00	50.00		2
Colton, City of	3602793	01S04W08F15S	21	Bunker Hill		0.00	2,263.00	2,263.00		2
Colton, City of	3603598	01S04W08F15S	24	Bunker Hill		0.00	1,690.00	1,690.00		2
Colton, City of	3604006	01S04W08F15S	27	Bunker Hill		0.00	1,407.00	1,407.00		2
Colton, City of	3604007	01S04W08F15S	28	Bunker Hill		0.00	509.00	509.00		2
Colton, City of	3601257	01S04W08F	13	Bunker Hill		0.00	432.00	432.00		2
Colton, City of	3601258	01S04W08R	14	Bunker Hill		FC	FC			2
Colton, City of	3601260	01S04W08F	16	Bunker Hill		0.00	296.00	296.00		2
Colton, City of	3602405	01S04W08C	19	Bunker Hill		0.00	783.00	783.00		2
Colton, City of	3603704	01S04W08F15S	26W	Bunker Hill		0.00	706.00	706.00		2
Colton, City of		01S04W08F15S	29C	Bunker Hill		0.00	0.00			2
Colton, City of		01S04W08F15S	29W	Bunker Hill		0.00	0.00	0.00		2

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

Owner	Recordation Number	State Well Number	Local Name	Basin	Diversion (acre-ft)	Agricultural Production (acre-ft)	Non-agricultural Production (acre-ft)	Sum of Groundwater Production (acre-ft)	Within SBVWCD Boundary	Notes
Colton, City of	3601251	01S04W08R	5	Bunker Hill		FC	FC			2
Colton, City of	3601253	01S04W08R	7	Bunker Hill		FC	FC			2
Colton, City of	3601254	01S04W08F	8	Bunker Hill		FC	FC			2
Crafton Water Company	3602186	01S02W21L02S	2	Bunker Hill		3.00	0.00	3.00	Yes	2
Crafton Water Company	3600272	01S02W29N	Fifth Ave. 1	Bunker Hill		0.00	0.00	0.00	Yes	3
Cram Ranch Associates	3600241	01S03W03Q	1 Home	Bunker Hill		FC	FC	FC	Yes	2
Dangermond, Jack	3602188	01S02W29L	Rancho Ladera /ESRI	Bunker Hill		0.00	38.00	38.00	Yes	2
Daniels and Best Ranch	3602550	01S03W17R04S	Alabama St.	Bunker Hill		0.00	0.00	0.0	Yes	2
Daniels and Best Ranch	3602549	01S03W19J07S	California St.	Bunker Hill		0.00	50.00	50.00	Yes	2
Deer Park, LLC	3601632		Clock Canyon/Marcum	Bunker Hill		0.00	0.00	0.0	Yes	2
Devore Water Co.	3602428	02N05W33G	#4	Lower Cajon		0.00	12.00	12.00		2
Devore Water Co.	3602383	02N05W28C	2	Lower Cajon		0.00	83.00	83.00		2
Devore Water Co.	3602384	02N05W28B	3	Lower Cajon		0.00	95.00	95.00		2
Devore Water Co.	3602387	02N05W21G	E. Kimbark	Lower Cajon	80.00	-	-	-		2
Devore Water Co.	3602388	02N05W21E	Kimbark	Lower Cajon	229.00	-	-	-		2
Devore Water Co.	3602386	02N05W20H	Lethin Sp.	Lower Cajon	27.00	-	-	-		2
Devore Water Co.	3602385	02N05W19R	Medlin Cr.	Lower Cajon	8.00	-	-	-		2
E.D. Patterson, Jr.	3600188	01S02W16C	Cram-Patterson 2	Bunker Hill		0.00	397.00	397.00	Yes	2
E.D. Patterson, Jr.	3602003	01S02W16C	Solano 3	Bunker Hill		0.00	81.00	81.00	Yes	2
East Highlands Ranch, Inc.	3602474	01N03W26R	Div/Plunge Crk	Plunge		-	FC	FC	FC	2
East Highlands Ranch, Inc.	3600605	01N03W36G	Plunge Ck	Plunge	0.00	FC	FC	FC		2
East Valley Water District	9900025	01S03W04H	102 Hot	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601987	01S03W04G	Dunkirk 1 / Highland 1	Bunker Hill		0.00	0.00	0.00	Yes	3
East Valley Water District	9900001	01N04W25M	Fairfax	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	9900018	01S03W03R01S	Greenspot Well	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601653	01N04W36K04S	PL 1	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601661	01S04W01J08S	PL 10	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600925	01S04W01Q01S	PL 100	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600026	01S03W04J	PL 102 / Bear Valley	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3692174	01S04W02A05S	PL 105 / Myers	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	0000059	01S03W04R	PL 106	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3602370	01N04W25F04S	PL 107	Bunker Hill		0.00	636.33	636.33	Yes	1
East Valley Water District	3600765	01N03W33C01S	PL 113	Bunker Hill		0.00	0.00	0.00	Yes	3
East Valley Water District	3600926	01S04W01F02S	PL 115	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600927	01N03W31B01S	PL 116	Bunker Hill		FC	FC	FC	Yes	2

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

Owner	Recordation Number	State Well Number	Local Name	Basin	Diversion (acre-ft)	Agricultural Production (acre-ft)	Non-agricultural Production (acre-ft)	Sum of Groundwater Production (acre-ft)	Within SBVWCD Boundary	Notes
East Valley Water District	3600928	01N03W31L02S	PL 117	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600930	01N03W31L03S	PL 118	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601582	01S04W02R	PL 119	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3602563	01S04W02Q10/09S	PL 11A	Bunker Hill		0.00	3753.89	3,753.9	Yes	1
East Valley Water District	3601663	01S04W02Q04S	PL 12	Bunker Hill		0.00	1228.10	1,228.1	Yes	3
East Valley Water District	3600680	01S03W02J	PL 120/Cram	Bunker Hill		0.00	1805.97	1,806.0	Yes	1
East Valley Water District	3601643	01S03W03Q	PL 121	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3602571	01S03W03F02S	PL 122	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3602799	01S02W07H01S	PL 125	Bunker Hill		0.00	1326.18	1,326.2	Yes	1
East Valley Water District	3602034	01S04W01Q08S	PL 12A	Bunker Hill		0.00	1,273.00	1,273.00	Yes	2
East Valley Water District	3601664	01S04W02N01S	PL 13	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600376	01S03W05D04S	PL 132 / Cull 2	Bunker Hill		0.00	461.80	461.8	Yes	3
East Valley Water District	3602260	01S03W05D08S	PL 132 / Cull 3	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3602417	01S03W05D07S	PL 132 / Cull 4	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600375	01S03W05D	PL 132/Cull 1	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600377	01N03W27N08S	PL 134 / City Creek 1	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600378	01N03W27N02S	PL 134 / City Creek 3	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601069	01N03W33M02S	PL 135 / Church	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3602560	01S03W04G03S	PL 136 / Dunkirk 2	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3600374	01N03W33M01S	PL 138 / Palm 1	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601665	01S04W01K04S	PL 14	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3603247	01S03W06P18S	PL 141 / McDaniel	Bunker Hill		0.00	1327.35	1,327.4	Yes	1
East Valley Water District	3600220	01S03W01H	PL 142	Bunker Hill		0.00	287.57	287.6	Yes	1
East Valley Water District	3603583	01S03W02N02S	PL 143 / Abbey Way	Bunker Hill		0.00	736.43	736.4	Yes	1
East Valley Water District	3601639	01S03W03R01S	PL 146	Bunker Hill		0.00	222.20	222.2	Yes	3
East Valley Water District	3603774	01S03W03R01S	PL 146A	Bunker Hill		0.00	1339.30	1,339.3	Yes	3
East Valley Water District	3603734	01S03W02P06S	PL 147	Bunker Hill		0.00	1501.70	1,501.7	Yes	3
East Valley Water District	3601666	01N04W36F08S	PL 16	Bunker Hill		-	-	-	Yes	
East Valley Water District	3601654	01N04W36K	PL 1A	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601655	01N04W36K05S	PL 2	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601667	01S03W06A05S	PL 21	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601668	01S04W01E02S	PL 22	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601669	01N04W36H06S	PL 23	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601670	01N04W26A01S	PL 24	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601671	01N04W26A02S	PL 24A	Bunker Hill		0.00	476.48	476.5	Yes	1

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

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East Valley Water District	3602337	01N04W26A03S	PL 24B	Bunker Hill		0.00	1979.37	1,979.4	Yes	1
East Valley Water District	3601672	01N04W25B	PL 25	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601673	01N04W25C/B?02	PL 25A	Bunker Hill		0.00	271.80	271.8	Yes	3
East Valley Water District	3601675	01N04W25A01S	PL 27	Bunker Hill		0.00	240.13	240.1	Yes	1
East Valley Water District	3601676	01S04W12B05S	PL 28	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3602564	01S04W12B07/6?S	PL 28A	Bunker Hill		0.00	2705.90	2,705.9	Yes	1
East Valley Water District	3601884	01N03W31C02S	PL 30	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3601677	01S03W05A02S	PL 31	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601678	01S03W05B04S	PL 32	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601781	01S03W06K01S	PL 35/Baseline Mutual	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	0000030	01N03W30C	PL 36	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3602274	01N03W30J/G05S?	PL 39	Bunker Hill		0.00	507.76	507.8	Yes	1
East Valley Water District	3601978	01S03W04N01S	PL 40	Bunker Hill		0.00	0.00	0.0	Yes	3
East Valley Water District	3602338	01S03W04N03S	PL 40A	Bunker Hill		0.00	0.00	0.0	Yes	3
East Valley Water District	3602113	01N03W30N	PL 41	Bunker Hill		0.00	0.00	0.0	Yes	3
East Valley Water District	0000032	01S03W04P	PL 43	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	0000033	01S03W05R	PL 44	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	0000034	01N03W31A	PL 45	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	0000035	01S03W05Q	PL 46	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3601584	01N03W33H	PL 47	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600466	01S03W04C02S	PL 48	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	0000036	01N04W36H	PL 52	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3600058	01S03W03F	PL 53	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600855	01N03W28P01S	PL 54 / Seeley	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3600970	01N03W19G	PL 57	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600971	01N03W19R	PL 58	Bunker Hill		FC	FC	FC	Yes	#N/A
East Valley Water District	3601656	01N04W36Q01S	PL 6	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600183	01S04W02A	PL 60	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600545	01N03W30J	PL 62	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600221	01N03W30J	PL 63	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600275	01N03W32B02S	PL 64	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600643	01N04W25K01S	PL 66	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	3600269	01N03W31L	PL 68 / Morley	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3601657	01S04W01B04S	PL 7	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	0000038	01N03W31D	PL 70	Bunker Hill		0.00	0.00	0.00	Yes	2

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

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East Valley Water District	0000039	01S03W06E	PL 71	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	0000040	01S03W06B	PL 72	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	0000041	01S03W06C	PL 74	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	0000042	01S04W02L	PL 75	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	0000043	01S03W06P	PL 78	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3600864	01N03W19F	PL 79	Bunker Hill		FC	FC	FC		2
East Valley Water District	3601658	01N04W36R01S	PL 8	Bunker Hill		FC	FC	FC	Yes	2
East Valley Water District	0000048	01S03W05Q	PL 80	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	0000045	01S03W06M	PL 81	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	0000046	01S03W06Q	PL 83	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	0000047	01S03W03N	PL 84	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	9900016	01N04W25D	PL 85	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	0000049	01S03W03N	PL 93	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3601184	01N03W33F01S	PL 94 / Corwin	Bunker Hill		0.00	0.00	0.00	Yes	3
East Valley Water District	0000050	01S03W05J	PL 95	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	0000051	01S04W01D	PL 96	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	0000052	01S03W06N	PL 97	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3600444	01N03W30H01S	PL 98	Bunker Hill		0.00	0.00	0.00	Yes	2
East Valley Water District	3601660	01S03W06H04S	PL 9A	Bunker Hill		0.00	1573.01	1,573.0	Yes	1
East Valley Water District	9900004	01S03W06P01S	Stout	Bunker Hill		-	-	-	Yes	
East Valley Water District	9900021	01S03W09E02S	Tri-City	Bunker Hill		-	-	-	Yes	
Eastwood Farms Community Water Users	3602130	01S04W01P01S	1	Bunker Hill		FC	FC	FC	Yes	2
Eastwood Farms Community Water Users	3602131	01S04W01P02S	2	Bunker Hill		0.00	0.00	0.0	Yes	3
Fairview Water Company	3600554	01S03W17R	Fairview 1	Bunker Hill		285.80	0.00	285.8	Yes	3
Fontana Union Water Company	3600569	01N05W22A01S	FU 13	Lytle		0.00	1,975.00	1,975.00		2
Fontana Union Water Company	3600579	01N05W22F03S	FU 24	Lytle		0.00	1.00	1.00		2
Fontana Union Water Company	3600580	01N05W22F01S	FU 25	Lytle		0.00	2,182.00	2,182.00		2
Fontana Union Water Company	3600562	01N05W22F02S	FU 3	Lytle		0.00	2,243.00	2,243.00		2
Fontana Union Water Company	3600585	01N05W16K01S	FU 32	Lytle		0.00	574.00	574.00		2
Fontana Union Water Company	3600563	01N05W22C02S	FU 4	Lytle		0.00	1,709.00	1,709.00		2
Fontana Union Water Company	3602727	01N05W15Q02S	FU 8	Lytle		0.00	1,287.00	1,287.00		2
General American Life Insurance Co.	3601352	01S03W19N	Langford	Bunker Hill		0.00	175.74	175.7	Yes	3
Gladysta Well & Water Company	3600182	01S03W20H02S	1	Bunker Hill		112.40	0.00	112.4	Yes	3
Greenspot Mutual Well Company	3600266	01S02W16C01S	Greenspot Mutual	Bunker Hill		0.00	227.00	227.0	Yes	2
Happe Mutual Well Company	3600238	01S02W29M01S	1	Bunker Hill		210.92	0.00	210.92	Yes	3

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

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Highland Acres Ranch	3600323	01S02W06M	Elec 1	Bunker Hill		FC	FC	FC	Yes	2
Highland Harvest Barn	0000130	01S03W03N	Destroyed/Abandoned	Bunker Hill		0.00	0.00	0.00	Yes	2
Highland Harvest Barn	0000129	01S03W03N		Bunker Hill		0.00	0.00	0.00	Yes	2
Holliday Trucking	3603262	01N04W31M03S	SB #1	Bunker Hill		0.00	69.00	69.00		2
Horton	0000070	01S03W32J		Bunker Hill		0.00	359.00	359.00	Yes	2
Inland Valley Development Agency	0000090	01S03W08A	Local 11	Bunker Hill		0.00	70.20	70.2	Yes	3
Inland Valley Development Agency	0000086	01S04W12B	Local 2A	Bunker Hill		0.00	0.00	0.0	Yes	3
Inland Valley Development Agency	0000087	01S04W12C	Local 3	Bunker Hill		0.00	143.00	143.0	Yes	3
Inland Valley Development Agency	0000093	01S03W08E	Local 347	Bunker Hill		FC	FC	FC	Yes	2
Inland Valley Development Agency	0000088	01S04W12D	Local 4	Bunker Hill		FC	FC	FC	Yes	2
Inland Valley Development Agency	0000092	01S04W12G	Local 44	Bunker Hill		FC	FC	FC	Yes	2
Inland Valley Development Agency	0000094	01S03W08M	Local 865	Bunker Hill		FC	FC	FC	Yes	2
Inland Valley Development Agency	3603648	01S04W12F	Norton 5	Bunker Hill		0.00	0.00	0.0	Yes	2
Inland Valley Development Agency	0000091	01S04W12Q	Palm Meadows	Bunker Hill		0.00	314.50	314.5	Yes	3
J.G. Golfing Enterprises, Inc.	3602846	01S04W22A01S	Kline & Thorn	Bunker Hill		0.00	279.00	279.00	Yes	2
J.G. Golfing Enterprises, Inc.	3602499	01S04W22A01S	Paine	Bunker Hill		0.00	106.30	106.3	Yes	3
J.G. Golfing Enterprises, Inc.	3601478	01S04W22B03S	Thorn 10 & 11	Bunker Hill		0.00	369.10	369.1	Yes	3
Jacinto, Larry	3601126	01S02W30H	1	Bunker Hill		0.00	23.00	23.00	Yes	2
Jacinto, Larry	3602020	01S02W20K	F A R	Bunker Hill		76.80	0.00	76.8	Yes	3
K Inv./Trutanic/Y Un Well	3601172	01S03W20C	Kinv(Crimnorth)	Bunker Hill		-	-	-	Yes	2
Kansas Street Mutual Water Co.	3601092	01S03W28D01S	Kansas	Bunker Hill		FC	FC	FC	Yes	2
King Street Mutual Well Company	3600530-	01S02W30G02S	2	Bunker Hill		0.00	0.00	0.00	Yes	2
Langford Ranches c/o Redlands Farming Co.	3600525	01S03W17H01S	Alabama Ave.	Bunker Hill		46.00	0.00	46.0	Yes	2
Langford Ranches c/o Redlands Farming Co.	3600526	01S03W21G01S	Lugonia Ave.	Bunker Hill		FC	FC	FC	Yes	2
Langford Ranches c/o Redlands Farming Co.	3600524	01S03W17L01S	Nevada St.	Bunker Hill		0.00	0.00	0.0	Yes	2
Laranni Gunter Well	3600160	01S03W32G01S	Gunter	Bunker Hill		0.00	0.00	0.0	Yes	2
Loma Linda University	3602012	01S04W25C01S	6	Bunker Hill		0.00	0.00	0.0	Yes	3
Loma Linda University	3602249	01S04W25D05S	Anderson	Bunker Hill		FC	FC	FC	Yes	2
Loma Linda University	3602781	01S04W25D06S	Anderson 2	Bunker Hill		157.60	365.60	523.2	Yes	3
Loma Linda University	3602855	01S04W25D07S	Anderson 3	Bunker Hill		79.60	491.06	570.7	Yes	3
Loma Linda, City of	3601388	01S04W25C	Court St.	Bunker Hill		FC	FC	FC	Yes	2
Loma Linda, City of	3602759	01S04W24A	Mt. View 1	Bunker Hill		FC	FC	FC	Yes	2
Loma Linda, City of	3602760	01S04W24B01S	Mt. View 2	Bunker Hill		FC	FC	FC	Yes	2
Loma Linda, City of	3603719	01S04W24B01S	Mt. View 3	Bunker Hill		0.00	45.90	45.9	Yes	3
Loma Linda, City of	3603721	01S04W24R08S	Mt. View 4	Bunker Hill		0.00	0.00	0.00	Yes	2



## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

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Loma Linda, City of	3603776	01S04W24B03S	Mt. View 5	Bunker Hill		0.00	825.60	825.6	Yes	3
Loma Linda, City of	3601130	01S03W32D	Nicks	Bunker Hill		0.00	0.00	0.00	Yes	2
Loma Linda, City of	3603057	01S04W24C02S	Richardson 1	Bunker Hill		0.00	112.50	112.5	Yes	3
Loma Linda, City of	3603058	01S04W24C03S	Richardson 2	Bunker Hill		FC	FC	FC	Yes	2
Loma Linda, City of	3603523	01S04W24C02S	Richardson 3	Bunker Hill		0.00	852.70	852.7	Yes	3
Loma Linda, City of	3603720	01S04W24C02S	Richardson 4	Bunker Hill		0.00	100.60	100.6	Yes	3
LPR Ice Company	3602525	01S03W13C	LPR Ice Co.	Bunker Hill		FC	FC	FC	Yes	2
Lucky Farms, Inc.	3603554	01S03W19A01S	California St.	Bunker Hill		-	0.00	-	Yes	2
Lucky Farms, Inc.	3600418	01S03W19G	Lugonia	Bunker Hill		0.00	0.00	0.0	Yes	3
Lucky Farms, Inc. formerly Marigold Farms	3601750	01S03W18L	Acquillan	Bunker Hill		FC	FC	FC	Yes	2
Lucky Farms, Inc.	3603554	01S03W19A01S	California St.	Bunker Hill		241.63	0.00	241.63	Yes	3
Lucky Farms, Inc. formerly Marigold Farms	3601751	01S03W21E	Alabama	Bunker Hill		0.00	0.00	0.0	Yes	3
Lucky Farms, Inc. formerly Marigold Farms	3601748	01S03W18H01S	California	Bunker Hill		0.00	0.00	0.0	Yes	3
Lucky Farms, Inc. formerly Marigold Farms	3601749	01S03W19B01S	Jap	Bunker Hill		0.00	0.00	0.0	Yes	3
Lucky Farms, Inc. formerly Marigold Farms	3600757	01S03W19L	Mission	Bunker Hill		0.00	0.00	0.0	Yes	3
Lugo Water Company	3600510	01S03W21K01S	1	Bunker Hill		FC	FC	FC	Yes	2
Majestic Realty / Mascart Water Company	3601102	01S03W21E	2	Bunker Hill		0.00	0.00	0.00	Yes	2
Marshburn, Doris E. Trustee	0000081	01S03W17G		Bunker Hill		0.00	100.00	100.00	Yes	2
McCalla, Robert	9900020	01S03W10D01S	Duda	Bunker Hill		-	-	-		2
Meadowbrook Dairy	3600037	01S04W23D	Domestic 1	Bunker Hill		FC	FC	FC	Yes	2
Meadowbrook Dairy	3600030	01S04W23D	Irrigation 2	Bunker Hill		0.00	0.00	0.0	Yes	3
Meeks & Daley Water Co.	3601737	01S04W16J09S	Coburn	Bunker Hill		0.00	0.00	0.00	Yes	1
Meeks & Daley Water Co.	3602864	01S04W16J09S	Raub 6	Bunker Hill		0.00	927.14	927.1	Yes	3
Meeks & Daley Water Co.	3601887	01S04W15L03S	Station 59	Bunker Hill		623.00	371.33	994.3	Yes	3
Meeks & Daley Water Co.	3603214	01S04W16R04S	Station 69	Bunker Hill		0.00	0.00	0.00	Yes	1
Meeks & Daley Water Co.	3603215	01S04W15M11S	Station 91	Bunker Hill		281.96	0.00	282.0	Yes	3
Meeks & Daley Water Co.	3602863	01S04W16J09S	Warren 4	Bunker Hill		0.00	629.80	629.8	Yes	3
Mentone Citrus Growers	3602280	01S02W18Q	1	Bunker Hill		360.00	0.00	360.0	Yes	2
Mentone Citrus Growers	3600139	01S02W18R01S	2	Bunker Hill		0.00	0.00	0.0	Yes	2
Miller Mutual Well Company	3600630-	01N03W32D		Bunker Hill		FC	FC	FC	Yes	2
Montecito Mutual Water Co.	3600119	01S04W26F01S	1	Bunker Hill		21.00	10.63	31.6	Yes	3
Montecito Mutual Water Co.	9900002	01S04W26F	2	Bunker Hill		15.90	0.00	15.9	Yes	3
Mountain View Cemetery	3600743	01N04W26M	1	Bunker Hill		128.00	0.00	128.0	Yes	3
Mountain View Cemetery	3600742-	01N04W26N	2	Bunker Hill		0.00	71.00	71.0	Yes	3
Mountainview Power Co	3601015	01S03W18N02S	SB Stmp2 67	Bunker Hill		0.00	298.00	298.0	Yes	2

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

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Mountainview Power Co	3601014	01S03W18N03S	SB Stpm 66	Bunker Hill		0.00		0.0	Yes	3
Mountainview Power Co	3601014a	01S03W18N03S	SB Stpm 66 Aux.	Bunker Hill		-	54.00	54.00	Yes	2
Muscoy Mutual Water Company, No. 1	3601497	01N05W23H01S	Muscoy 1	Lytle		0.00	402.00	402.00		2
Muscoy Mutual Water Company, No. 1	3601499	01N05W23A01S	Muscoy 2	Lytle		0.00	580.00	580.00		2
Muscoy Mutual Water Company, No. 1	3601500	01N05W23A02S	Muscoy 3	Lytle		0.00	372.00	372.00		2
Muscoy Mutual Water Company, No. 1	3601498	01N05W24D01S	No. 5	Lytle		0.00	461.00	461.00		2
Muscoy Mutual Water Company, No. 1	3602345	01N05W24E	Well No 4	Lytle		0.00	284.00	284.00		2
National Orange Show	3601924	01S04W15D		Bunker Hill		0.00		0.0	Yes	3
New England Water Company	3602320	01S03W16L		Bunker Hill		170.10	0.00	170.1	Yes	3
Odebrecht Contractors of California, Inc.	9900003	01S02W15	Dam Well	Bunker Hill		-	-	-	Yes	
Old Town Well Co.	3600493	01S03W29K	New Well 2	Bunker Hill		0.00	0.00	0.0	Yes	2
Old Town Well Co.	3600494	01S03W29K	Old Well 1	Bunker Hill		61.00	0.00	61.00	Yes	2
Paine, Robert T.	3601642	01S02W30B02S	King St.	Bunker Hill		0.00	48.00	48.00	Yes	2
Patterson, E.D., Jr (c/o Ron Arnott)	3600188		Cram-Patterson 2			0.00	397.00	397.0		2
Patterson, E.D., Jr (c/o Ron Arnott)	3602003	01S/02W-16C	Solano 3	Bunker Hill		0.00	81.00	81.0		2
Patton State Hospital	3602381	01N03W29M	14	Bunker Hill		0.00	89.80	89.8	Yes	3
Patton State Hospital	3600924	01N03W29M01S	2A	Bunker Hill		0.00	70.20	70.2	Yes	3
Patton State Hospital	3600931	01N03W29N01S	Patton 10	Bunker Hill		0.00	25.93	25.9	Yes	3
Pharaoh-Powell Water Company	3600415	01S03W29J01S		Bunker Hill		0.00	220.00	220.00	Yes	2
Pioneer Mutual Water Company	3600642	01S03W14P01S	San Bernardino 1	Bunker Hill		0.00	22.00	22.0	Yes	2
Ramirez, J.J.	3601171	01S03W20F	Crim 1	Bunker Hill		0.00	0.00	0.00	Yes	2
Ramirez, J.J. Citrus Mgmt	3600484	01S03W16F	Buckeye 2	Bunker Hill		46.05	0.00	46.1	Yes	3
Ramirez, J.J. Citrus Mgmt	3601728	01S03W30K	Frink 1	Bunker Hill		0.00	0.00	0.0	Yes	3
Ramirez, J.J. Citrus Mgmt	3600527	01S03W16A	Midas	Bunker Hill		353.67	0.00	353.7	Yes	3
Ramirez, J.J. Stowe Water Company	3601046	01S03W21A	1Stowe	Bunker Hill		FC	FC	FC	Yes	2
Ramirez, Laura	3601649-	01S03W28M	Hoover	Bunker Hill		0.00	0.00	0.0	Yes	3
Raught Mutual Well Company	3602193	01S03W14R01S	Raught	Bunker Hill		76.16	0.00	76.2	Yes	3
Redlands Country Club	3600049	01S03W25N02S	Morrison/Hobbs	Bunker Hill		FC	FC	FC	Yes	2
Redlands Unified School District	3601641	01S02W30C01S	Opal St.	Bunker Hill		0.00	121.30	121.3	Yes	3
Redlands, City of	3603655	1S3W29Q01S	38	Bunker Hill		0.00	2280.40	2,280.4	Yes	3
Redlands, City of	3601291	01S03W35G08S	10	Bunker Hill		0.00	21.00	21.00	Yes	3
Redlands, City of	3601292	01S03W35G07S	11	Bunker Hill		46.90	27.30	74.20	Yes	3
Redlands, City of	3601293	01S03W35H02S	12	Bunker Hill		FC	FC	FC	Yes	2
Redlands, City of	3601294	01S03W35G09S	13	Bunker Hill		0.00	1.00	1.00	Yes	2
Redlands, City of	3601295	01S03W35H04S	14	Bunker Hill		0.00	0.00	0.00	Yes	2

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

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Redlands, City of	3601296	01S03W35H03S	16	Bunker Hill		658.94	0.00	658.94	Yes	3
Redlands, City of	3601297	01S03W35G11S	17	Bunker Hill		0.00	0.00	0.00	Yes	2
Redlands, City of	3602653	01S02W19J01S	2	Bunker Hill		FC	FC	FC	Yes	2
Redlands, City of	3602031	01S03W21H	30-A	Bunker Hill		68.21	82.70	150.9	Yes	3
Redlands, City of	3602036	01S03W21H	31-A	Bunker Hill		0.00	-	-	Yes	2
Redlands, City of	3601298	01S03W21H01S	32	Bunker Hill		0.00	0.00	0.00	Yes	2
Redlands, City of	3601299	01S04W24K01S	34	Bunker Hill		0.00	0.00	0.00	Yes	2
Redlands, City of	3602032	01S03W22A	35	Bunker Hill		0.00	0.00	0.00	Yes	2
Redlands, City of	3602082	02S03W01E01S	36 (Irrigation)	San Timoteo		102.13	82.87	185.0	Yes	3
Redlands, City of	3602211	01S03W26C	37 Sylvyn	Bunker Hill		0.00	0.00	0.00	Yes	2
Redlands, City of	3601301	01S03W28H01S	41	Bunker Hill		596.30	0.00	596.3	Yes	3
Redlands, City of	3601308	01S02W19K01S	Agate 1	Bunker Hill		0.00	0.00	0.0	Yes	3
Redlands, City of	3602792	01S02W19A01S	Agate 2	Bunker Hill		0.00	1956.86	1,956.9	Yes	3
Redlands, City of	3602895	01S03W13H	Airport 1	Bunker Hill		0.00	1041.87	1,041.9	Yes	3
Redlands, City of	3603762	01S03W13H	Airport 2	Bunker Hill		0.00	813.54	813.5	Yes	3
Redlands, City of	3602549	01S/03W-19J07S	California St. IRR	Bunker Hill		266.53	238.55	505.1	Yes	3
Redlands, City of	3603656	01S03W14E01S	Church St	Bunker Hill		0.00	676.99	677.0	Yes	3
Redlands, City of	3603766	01S03W10K01S	N. Orange #1	Bunker Hill		0.00	590.89	590.9	Yes	1
Redlands, City of	3603767	01S03W10K02S	N. Orange #2	Bunker Hill		0.00	3454.26	3,454.3	Yes	1
Redlands, City of	3602654	01S02W19J02S	Crafton	Bunker Hill		339.70	453.20	792.9	Yes	3
Redlands, City of	3601283	01S02W22C02S	East Lugonia 2	Bunker Hill		0.00	0.00	0.00	Yes	2
Redlands, City of	3601287	01S02W21C	East Lugonia 3	Bunker Hill		0.00	25.61	25.6	Yes	3
Redlands, City of	3602791	01S02W20B01S	East Lugonia 4	Bunker Hill		0.00	313.36	313.4	Yes	3
Redlands, City of	3600006	01S02W19G01S	East Lugonia 5	Bunker Hill		0.00	0.00	0.00	Yes	2
Redlands, City of	3601290	01S02W21D01S	East Lugonia 6	Bunker Hill		0.00	0.00	0.00	Yes	2
Redlands, City of	3601636	01S04W24R	Langford	Bunker Hill		FC	FC	FC	Yes	2
Redlands, City of	3602065	01S03W32J02S	Lee Well	Bunker Hill		FC	FC	FC	Yes	2
Redlands, City of	3602896	01S02W20A	Madeira	Bunker Hill		0.00	456.84	456.8	Yes	3
Redlands, City of	3601281	01S02W21M01S	Maguet 1	Bunker Hill		0.00	0.00	0.00	Yes	2
Redlands, City of	3601284	01S02W21E01S	Maguet 2	Bunker Hill		0.00	0.00	0.0	Yes	3
Redlands, City of	3600749	01S03W13Q	Mentone Acre	Bunker Hill		0.00	0.00	0.00	Yes	2
Redlands, City of	3601302	01S02W14N	Mill Cr	Mill Creek	15,409.00	-	-	-		2
Redlands, City of	3600756	01S03W19H/L01S	Mission 1	Bunker Hill		0.00	0.00	0.00	Yes	2
Redlands, City of	3602346	01S03W28J02S	New York St.	Bunker Hill		1665.73	0.00	1,665.7	Yes	3
Redlands, City of	3600085	01S03W28J01S	NY St. 1	Bunker Hill		FC	FC	FC	Yes	2

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(July 1, 2006 - June 30, 2007)

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Redlands, City of	3601586	01S03W15F02S	Orange St.	Bunker Hill		0.00	825.60	825.6	Yes	3
Redlands, City of	3601637	01S03W30D04S	PetersonWell	Bunker Hill		FC	FC	FC	Yes	2
Redlands, City of	3600918	02S03W01E01S	Redlands Heights 1	Bunker Hill		225.79	168.26	394.05	Yes	3
Redlands, City of	3600628	01S03W15G	Redlands Trap & Skeet	Bunker Hill		FC	FC	FC	Yes	2
Redlands, City of	3600019	01S03W23A05S	Rees Well 1	Bunker Hill		0.00	865.14	865.1	Yes	3
Redlands, City of	3603760	01S03W29Q02S	Well #39	Bunker Hill		0.00	1809.00	1,809.0	Yes	2
Redlands, City of	3602106	01S03W22A01S		Bunker Hill		FC	FC	FC	Yes	2
Redlands, City of formerly Mentone Acres	3600748	01S03W24A01S	Mentone Acres	Bunker Hill		0.00	-	-	Yes	2
Rialto, City of	3602080	01N05W23Q02S	City #2	Lytle		0.00	1,792.00	1,792.00		2
Rialto, City of	3603538	01S04W06H03S	City #4	Bunker Hill		0.00	3,084.00	3,084.00		2
Riverside Highland Water Company	3601530	01S04W22L08S	FW 12	Bunker Hill		FC	FC	FC		2
Riverside Highland Water Company	3601533	01S04W22L05S	FW 18	Bunker Hill		0.00	0.00	-		2
Riverside Highland Water Company	3603514	01S04W22L17S	FW 5	Bunker Hill		0.00	0.00	-		2
Riverside Highland Water Company	3601535	01N04W31E01S	LC #1	Lytle		0.00	0.00	0.00		2
Riverside Highland Water Company	3603470	01N04W31E03S	LC #10	Lytle		0.00	0.00	-		2
Riverside Highland Water Company	3602840	01N04W31F02S	LC #8	Lytle		0.00	0.00	0.00		2
Riverside, City of	3601228	01S04W11D02S	Cooley H	Bunker Hill		0.00	625.54	625.5	Yes	1
Riverside, City of	3601229	01S04W11D03S	Cooley I	Bunker Hill		0.00	2528.58	2,528.6	Yes	1
Riverside, City of	3310031		Cooley J			0.00	2606.93	2,606.9		1
Riverside, City of	3601464	01S04W02P06S	Garner 1	Bunker Hill		0.00	69.63	69.6	Yes	1
Riverside, City of	3601465	01S04W02Q03S	Garner 2	Bunker Hill		0.00	0.00	0.0	Yes	3
Riverside, City of	3601467	01S04W02Q06S	Garner 4	Bunker Hill		0.00	0.00	0.00	Yes	2
Riverside, City of	3601468	01S04W02P01S	Garner 5	Bunker Hill		0.00	1846.22	1,846.2	Yes	1
Riverside, City of	3603254	01S04W02P09S	Garner 6	Bunker Hill		0.00	3732.76	3,732.8	Yes	1
Riverside, City of	9900015	01S02W02Q11S	Garner 7	Bunker Hill		0.00	2905.05	2,905.1	Yes	1
Riverside, City of	3602772	01S04W27A09S	Hunt 10	Bunker Hill		0.00	181.02	181.0	Yes	1
Riverside, City of	3602773	01S04W27A10S	Hunt 11	Bunker Hill		0.00	119.30	119.3	Yes	1
Riverside, City of	3602771	01S04W27A11S	Hunt 6	Bunker Hill		0.00	81.53	81.5	Yes	1
Riverside, City of	3601462	01S04W01E01S	Poole	Bunker Hill		0.00	0.00	0.00	Yes	2
Riverside, City of	3601219	01S04W23C02S	Raub 2	Bunker Hill		0.00	199.28	199.3	Yes	1
Riverside, City of	3601239	01S04W14P06S	Raub 3	Bunker Hill		0.00	810.01	810.0	Yes	1
Riverside, City of	3601238	01S04W23C03S	Raub 4	Bunker Hill		0.00	2136.49	2,136.5	Yes	1
Riverside, City of	3602484	01S04W14N09S	Raub 5	Bunker Hill		0.00	2584.95	2,585.0	Yes	1
Riverside, City of	3602778	01S04W14N10S	Raub 6	Bunker Hill		0.00	2825.81	2,825.8	Yes	1
Riverside, City of	3603555	01S04W14N	Raub 8	Bunker Hill		0.00	2478.30	2,478.3	Yes	1

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

Owner	Recordation Number	State Well Number	Local Name	Basin	Diversion (acre-ft)	Agricultural Production (acre-ft)	Non-agricultural Production (acre-ft)	Sum of Groundwater Production (acre-ft)	Within SBVWCD Boundary	Notes
Riverside, City of	3601489	01S04W02L01S	Scheuer	Bunker Hill		0.00	0.00	0.0	Yes	3
Riverside, City of	3601431	01S04W27H01S	Stewart 20	Bunker Hill		0.00	0.00	0.0	Yes	3
Riverside, City of	3601463	01S04W02A03S	Stiles	Bunker Hill		0.00	791.74	791.7	Yes	1
Riverside, City of	3601479	01S04W22B05S	Thorn 11	Bunker Hill		25.39	0.00	25.4	Yes	1
Riverside, City of	3601470	01S04W22B07S	Thorn 12	Bunker Hill		0.00	896.37	896.4	Yes	1
Riverside, City of	3601473	01S04W22G16S	Thorn 5	Bunker Hill		0.00	0.00	0.00	Yes	2
Riverside, City of	3601474	01S04W22G18S	Thorn 6	Bunker Hill		0.00	0.00	0.00	Yes	2
Riverside, City of	3601475	01S04W22G17S	Thorn 7	Bunker Hill		0.00	0.00	0.00	Yes	2
Riverside, City of	3601476	01S04W22G19S	Thorn 8	Bunker Hill		0.00	0.00	0.0	Yes	3
Riverside, City of	3601240	01S04W22H04S	Warren 1	Bunker Hill		0.00	1317.01	1,317.0	Yes	1
Riverside, City of	3601231	01S04W22H01S	Warren 2	Bunker Hill		0.00	0.00	0.0	Yes	3
Riverside, City of	3601230	01S04W22H03S	Warren 3	Bunker Hill		0.00	10.09	10.09	Yes	1
Riverside, City of	3601243	01S04W22H02S	Warren 4	Bunker Hill		0.00	1277.08	1,277.1	Yes	1
Riverside, City of - Gage Canal Company	3602423	01S04W13P	6	Bunker Hill		0.00	-	-		2
Riverside, City of - Gage Canal Company	3600786	01S04W13L02S	21	Bunker Hill		FC	FC	FC		2
Riverside, City of - Gage Canal Company	3600787	01S04W23A02S	26-1	Bunker Hill		2156.71	967.85	3,124.6	Yes	3
Riverside, City of - Gage Canal Company	3600788	01S04W23H01S	27-1	Bunker Hill		2103.49	968.85	3,072.3	Yes	3
Riverside, City of - Gage Canal Company	3600789	01S04W23K01S	27-2	Bunker Hill		500.93	968.84	1,469.8	Yes	3
Riverside, City of - Gage Canal Company	3600790	01S04W23K02S	29-1	Bunker Hill		762.82	968.84	1,731.7	Yes	3
Riverside, City of - Gage Canal Company	3600791	01S04W13N01S	29-2	Bunker Hill		0.00	670.68	670.7		1
Riverside, City of - Gage Canal Company	3600792	01S04W13N02S	29-3	Bunker Hill		0.00	2,986.31	2,986.31		1
Riverside, City of - Gage Canal Company	3600793	01S04W13M02S	30-1	Bunker Hill		0.00	612.20	612.20		1
Riverside, City of - Gage Canal Company	3600794	01S04W13F02S	31-1	Bunker Hill		0.00	2,222.08	2,222.08		1
Riverside, City of - Gage Canal Company	3600795	01S04W13G02S	46-1	Bunker Hill		0.00	1,608.11	1,608.11		1
Riverside, City of - Gage Canal Company	3600796	01S04W23A05S	51-1	Bunker Hill		424.18	788.11	1,212.3	Yes	3
Riverside, City of - Gage Canal Company	3600797	01S04W13G03S	56-1	Bunker Hill		0.00	1,377.81	1,377.81		1
Riverside, City of - Gage Canal Company	3602331	01S04W23G03S	66-1	Bunker Hill		503.44	849.84	1,353.3	Yes	3
Riverside, City of - Gage Canal Company	3603558	01S04W13N07S	92-1	Bunker Hill		0.00	3,428.38	3,428.38		1
Riverside, City of - Gage Canal Company	3603557	01S04W13L07S	92-2	Bunker Hill		0.00	2,167.89	2,167.89		1
Riverside, City of - Gage Canal Company	3603556	01S04W13L08S	92-3	Bunker Hill		0.00	2,301.19	2,301.19		1
Riverside, City of - Gage Canal Company	3600798	01S04W23G01S	Cowlane	Bunker Hill		FC	FC	FC	Yes	2
San Bernardino Avenue Water Company	3600125	01S03W14P	1	Bunker Hill		0.00	0.00	0.0	Yes	2
San Bernardino Valley Municipal Water District	3603141	01S04W04E01S	9Th Street	Bunker Hill		0.00	-	-		2
San Bernardino Valley Municipal Water District	3603174	01S04W04F02S	Perris Street	Bunker Hill		0.00	-	-		2

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

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San Bernardino Valley Municipal Water District	3603116	01S03W13R01S	San Bernardino Ave. 1	Bunker Hill		0.00	777.00	777.0	Yes	2
San Bernardino, City of	9900032	01S04W15M		Bunker Hill		-	-	-	Yes	
San Bernardino, City of	3603207	01S04W04B04S	10Th/J Street	Bunker Hill		0.00	2,095.16	2,095.16		1
San Bernardino, City of	9900030	01S04W03D	11Th/E Street	Bunker Hill		-	-	-		
San Bernardino, City of	3600726	01N04W34G03S	16Th Street	Bunker Hill		0.00	910.06	910.06		1
San Bernardino, City of	9900027	01N04W34G	17Th Street #1	Bunker Hill		-	-	-		
San Bernardino, City of	3603208	01N04W34G04S	17Th St. & Sierra Way #2	Bunker Hill		0.00	114.20	114.20		1
San Bernardino, City of	3600717	01N04W32D03S	19Th Street 1	Bunker Hill		0.00	1,255.72	1,255.72		1
San Bernardino, City of	3600718	01N04W32D04S	19Th Street 2	Bunker Hill		0.00	104.01	104.01		1
San Bernardino, City of	3602264	01N04W27N01S	23rd Street	Bunker Hill		-	-	-		2
San Bernardino, City of	3600721	01N04W27N01S	25th Street	Bunker Hill		-	-	-		2
San Bernardino, City of	3600720	01N04W27M02S	27Th St & Acacia	Bunker Hill		0.00	611.22	611.22		1
San Bernardino, City of	3600719	01N04W27G01S	30Th Street	Bunker Hill		0.00	2,287.79	2,287.79		1
San Bernardino, City of	3602081	01N04W27B01S	31st St & Mt. View	Bunker Hill		0.00	713.96	713.96		1
San Bernardino, City of	3603472	01N04W14P01S	40Th/Valencia	Bunker Hill		0.00	40.35	40.35		1
San Bernardino, City of	3602265	01S04W03J05S	7Th Street	Bunker Hill		0.00	160.78	160.78		1
San Bernardino, City of		01S04W03D01S	Acacia	Bunker Hill		FC	FC	FC		2
San Bernardino, City of	3600733	01S04W02K04S	Antil 1	Bunker Hill		FC	FC	FC	Yes	2
San Bernardino, City of	3600732	01S04W02K05S	Antil 2	Bunker Hill		FC	FC	FC	Yes	2
San Bernardino, City of	3600730	01S04W02K01S	Antil 3	Bunker Hill		FC	FC	FC	Yes	2
San Bernardino, City of	3600734	01S04W02K03S	Antil 4	Bunker Hill		-	-	-	Yes	2
San Bernardino, City of	3600731	01S04W02K02S	Antil 5	Bunker Hill		-	-	-	Yes	2
San Bernardino, City of	3602422	01S04W02K08S	Antil 6	Bunker Hill		0.00	74.11	74.1	Yes	1
San Bernardino, City of	3602400	01N04W32N	Baseline	Bunker Hill		-	315.20	315.20		3
San Bernardino, City of	9900035	01S04W24P	Bennett Well	Bunker Hill		-	-	-	Yes	3
San Bernardino, City of	3600735	01S04W09P01S	Birch Street	Bunker Hill		FC	FC	FC		2
San Bernardino, City of	9900033	01S04W22B	Bloodbank	Bunker Hill		-	-	-	Yes	3
San Bernardino, City of	3602426	01S06W25C01S	C.C. Diversion	Lower Cajon	254.00	-	-	-		2
San Bernardino, City of	3600710	02N05W19K	Cajon Cyn	Lower Cajon		0.00	-	-		1
San Bernardino, City of	3601843	01N05W03H01S	Cajon No 1	Lower Cajon		-	-	-		2
San Bernardino, City of	3601844	01N05W03A	Cajon No 2	Lower Cajon			2,332.59	2,332.59		1
San Bernardino, City of	3602821	01N05W03A02S	Cajon No 3	Lower Cajon		0.00	766.16	766.16		1
San Bernardino, City of			Cajon No 4	Lower Cajon			1,102.49	1,102.49		1
San Bernardino, City of	3602124	01S04W14J	Central Ave.	Bunker Hill		-	-	-	Yes	2
San Bernardino, City of	9900034	01S04W22F	Centry Well	Bunker Hill		-	-	-	Yes	3

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

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San Bernardino, City of	3603581	01S04W22C02S	Century	Bunker Hill		0.00	1284.00	1,284.0	Yes	3
San Bernardino, City of	3603582	01S04W22C02S	Chandler	Bunker Hill		0.00	417.60	417.6	Yes	3
San Bernardino, City of	3301626	01S04W10D	City Lots	Bunker Hill		FC	FC	FC		2
San Bernardino, City of	3601880	01N04W29E	Colima	Bunker Hill		-	-			2
San Bernardino, City of	3601171	01S03W20F01E	Crim 1	Bunker Hill		-	-	-		2
San Bernardino, City of	3601878	01N04W29E01S	Darby	Bunker Hill		-	-			2
San Bernardino, City of	3600738	01N04W06J	DC Diversion	Devil Canyon	-	-	-	-		2
San Bernardino, City of	3600712	01N04W08M01S	Devil Canyon 1	Devil Canyon		0.00	1,162.92	1,162.92		1
San Bernardino, City of	3600711	01N04W07F01S	Devil Canyon 2	Devil Canyon		0.00	1,244.32	1,244.32		1
San Bernardino, City of	3602206	01N04W06H02S	Devil Canyon 3	Devil Canyon		0.00	21.84	21.84		1
San Bernardino, City of	3602205	01N04W06H01S	Devil Canyon 4	Devil Canyon		0.00	176.81	176.81		1
San Bernardino, City of	3602844	01N04W08M02S	Devil Canyon 5	Devil Canyon		0.00	467.95	467.95		1
San Bernardino, City of	9900038	01N04W05D	Devil Canyon 6	Devil Canyon		0.00	187.74	187.74		1
San Bernardino, City of	9900037	01N04W05D	Devil Canyon 7	Devil Canyon		0.00	141.32	141.32		1
San Bernardino, City of	3602712	01N04W08P01S	Ellena	Bunker Hill		FC	FC	FC		2
San Bernardino, City of	3603688	01S04W03D01E	EPA #1	Bunker Hill		0.00	2,339.13	2,339.13		1
San Bernardino, City of	3603689	01S04W03C01E	EPA #2	Bunker Hill		0.00	2,405.64	2,405.64		1
San Bernardino, City of	3603690	01S04W03C04E	EPA #3	Bunker Hill		0.00	2,151.71	2,151.71		1
San Bernardino, City of	3603691	01S04W03B01E	EPA #4	Bunker Hill		0.00	2,307.77	2,307.77		1
San Bernardino, City of	3603692	01S04W03A01E	EPA #5	Bunker Hill		0.00	2,467.73	2,467.73		1
San Bernardino, City of	3603693	01N04W16M03E	EPA #6	Bunker Hill		0.00	1,221.34	1,221.34		1
San Bernardino, City of	3603694	01N04W16M01E	EPA #7	Bunker Hill		0.00	2,173.21	2,173.21		1
San Bernardino, City of	3603786	01N04W33R	EPA #108	Bunker Hill		0.00	1,775.21	1,775.21		1
San Bernardino, City of	3603787	01N04W33P	EPA #109	Bunker Hill		0.00	129.10	129.10		1
San Bernardino, City of	3603788	01N04W33N	EPA #110	Bunker Hill		0.00	2,267.19	2,267.19		1
San Bernardino, City of	3603789	01N04W32R	EPA #111	Bunker Hill		0.00	2,449.77	2,449.77		1
San Bernardino, City of	3603790	01N/04W32Q	EPA #112	Bunker Hill		0.00	3,539.67	3,539.67		1
San Bernardino, City of	3601879	01N04W29F01S	Gardena	Bunker Hill		-	-			2
San Bernardino, City of	3602128	01S04W14A	Gifford Park	Bunker Hill		-	-	-	Yes	2
San Bernardino, City of	3602067	01N04W35K	Gilbert 2	Bunker Hill		-	-	-		2
San Bernardino, City of	3600729	01N04W35M03S	Gilbert St.	Bunker Hill		0.00	1436.45	1,436.4	Yes	1
San Bernardino, City of	3602125	01S04W24F04S	Gould 1 Old	Bunker Hill		-	-	-	Yes	2
San Bernardino, City of	3602126	01S04W24F	Gould 2 New	Bunker Hill		-	-	-	Yes	2
San Bernardino, City of	3600723	01S04W10F01S	Hanford 1	Bunker Hill		FC	FC	FC		2
San Bernardino, City of	3600724	01S04W10F05S	Hanford 2	Bunker Hill		FC	FC	FC		2

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

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San Bernardino, City of	3601316	01S04W23N	Inter City	Bunker Hill		-	2.00	2.00	Yes	2
San Bernardino, City of	3603471	02N05W19Q01S	Kenwood	Lower Cajon		0.00	1,277.62	1,277.62		1
San Bernardino, City of	3602401	01N04W27A	Leroy	Bunker Hill		0.00	1,051.32	1,051.32		1
San Bernardino, City of	3600727	01N04W26E02S	Lynwood	Bunker Hill		0.00	1413.77	1,413.8	Yes	3
San Bernardino, City of	3600739	01N05W06E	Lytle Ck Div	Lytle	0.00	-	-	-		2
San Bernardino, City of	3600713	01N05W36R01S	Lytle Crk 1/3	Lytle		-	-	-		2
San Bernardino, City of	3603027	01N05W36J01S	Lytle Crk 2	Lytle Creek		0.00	400.10	400.10		1
San Bernardino, City of	3601845	01N04W30L	Mallory	Lytle		0.00	819.21	819.21		1
San Bernardino, City of	3600222	01S04W11Q01S	Mcfarland Jo	Bunker Hill		FC	FC	FC	Yes	2
San Bernardino, City of	9900028	01N04W35F	Mecham	Bunker Hill		-	-	-	Yes	3
San Bernardino, City of	9900029	01S04W05G	Meeks Daley	Bunker Hill		-	-	-	Yes	3
San Bernardino, City of	3600737	01S04W10N06S	Mill & D	Bunker Hill		0.00	447.69	447.69		1
San Bernardino, City of	9900031	01S04W15B	Mill & G Geo	Bunker Hill		-	-	-		3
San Bernardino, City of	3600320	01N05W22M	Mt Vernon	Lytle	0.00	-	-			2
San Bernardino, City of	3600714	01N04W16E01S	Newmark 1	Devil Canyon		0.00	408.77	408.77		1
San Bernardino, City of	3600715	01N04W16E02S	Newmark 2	Devil Canyon		0.00	710.92	710.92		1
San Bernardino, City of	3600716	01N04W16E03S	Newmark 3	Devil Canyon		0.00	1,524.12	1,524.12		1
San Bernardino, City of	3602399	01N04W16E04S	Newmark 4	Bunker Hill		0.00	1,214.43	1,214.43		1
San Bernardino, City of	3600721	01N04W27M01S	No E Street	Bunker Hill		-	-	-		2
San Bernardino, City of	3602123	01S04W14J	Norman Road	Bunker Hill		-	-	-	Yes	2
San Bernardino, City of	3603206	01S04W04D02S	Olive/Garner	Bunker Hill		0.00	1,461.19	1,461.19		1
San Bernardino, City of	9900026	01N04W20N	Paperboard	Bunker Hill		-	-			3
San Bernardino, City of	3601114	01N04W35C01S	Perris Hill 2	Bunker Hill		FC	FC	FC	Yes	2
San Bernardino, City of	3601116	01N04W35C02S	Perris Hill 3	Bunker Hill		-	-	-	Yes	2
San Bernardino, City of	3601117	01N04W35C03S	Perris Hill 4	Bunker Hill		0.00	0.59	0.6	Yes	3
San Bernardino, City of	3601115	01N04W26P03S	Perris Hill 5	Bunker Hill		0.00	133.91	133.9	Yes	3
San Bernardino, City of	3602122	01S04W23R03S	Rosewood	Bunker Hill		FC	FC	FC	Yes	2
San Bernardino, City of	3600034	01S04W16H	Smith 1	Bunker Hill		FC	FC	FC	Yes	2
San Bernardino, City of	3600736	01S04W09J01S	So G Street	Bunker Hill		FC	FC	FC		2
San Bernardino, City of	3601588	01N04W31H	State 1	Bunker Hill		-	-			2
San Bernardino, City of	3602066	01S04W02B	Van Loon 1	Bunker Hill		-	-	-	Yes	2
San Bernardino, City of	3600709	02N05W19K	Vincent	Lower Cajon		0.00	246.23	246.23		1
San Bernardino, City of	3600728	01N04W27A01S	Waterman Ave.	Bunker Hill		0.00	2,259.92	2,259.92		1
San Bernardino, County of	0000001	01S04W14A	Aerospace	Bunker Hill		FC	FC	FC	Yes	2
San Bernardino, County of	0000019	01N04W35F	County Hospital	Bunker Hill		-	119.00	119.00	Yes	2



## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

Owner	Recordation Number	State Well Number	Local Name	Basin	Diversion (acre-ft)	Agricultural Production (acre-ft)	Non-agricultural Production (acre-ft)	Sum of Groundwater Production (acre-ft)	Within SBVWCD Boundary	Notes
San Bernardino, County of	9900003		Domestic Well No. 3	Bunker Hill		-	-	-		
San Bernardino, County of	0000117	02N05W33F	Glen Helen 3	Bunker Hill		-	372.00	372.00		2
San Bernardino, County of	0000118	02N05W33G	Glen Helen 4	Bunker Hill		-	443.00	443.00	Yes	2
Selby, Dr. & Mrs. Arthur	3600018	01S02W29P	Grrees 2	Bunker Hill		FC	FC	FC	Yes	2
Selby, Dr. & Mrs. Arthur	3600017	01S02W29P	Grrees 3	Bunker Hill		FC	FC	FC	Yes	2
Solano Well No 3	3602003	01S02W16C	3	Bunker Hill		81.00	0.00	81.00	Yes	2
Stater Bros	3602917	01S03W03D01S	Stater Well	Bunker Hill		15.41	15.41	30.8	Yes	3
Storkson, William F.	3602664	01N05W06A	Spring No 1	Lytle Creek		30.00	0.00	30.00		2
Sunwest Materials	9900005		Orange Street	Bunker Hill		-	-	-	Yes	
Tennessee Mutual Well Company	3601161	01S03W16L	Pioneer 1	Bunker Hill		351.10	0.00	351.1	Yes	2
Tennessee Water Company	3600474	01S03W16L	1	Bunker Hill		552.00	0.00	552.0	Yes	2
Terrace Water Company	3601686	01S04W08F	3, #2 Small	Bunker Hill		0.00	557.00	557.00		2
Terrace Water Company	3601684-	01S04W08F	4 #1 Large	Bunker Hill		0.00	321.00	321.00		2
Trojan Groves	3600451	01S03W15M		Bunker Hill		0.00	2.00	2.0	Yes	2
University of California, Riverside	3602772	01S04W27A09S	Hunt 10	Bunker Hill		0.00	73.32	73.3	Yes	3
University of California, Riverside	3602773	01S04W27A10S	Hunt 11	Bunker Hill		0.00	14.80	14.8	Yes	3
University of California, Riverside	3602771	01S04W27A11S	Hunt 6	Bunker Hill		0.00	149.50	149.5	Yes	3
Victoria Farms Mutual Water Co.	3602714	01S04W13R01S	1	Bunker Hill		FC	FC	FC	Yes	2
Victoria Farms Mutual Water Co.	3602574	01S04W13R04S	1	Bunker Hill		FC	FC	FC	Yes	2
Victoria Farms Mutual Water Co.	3602247	01S04W13R03S	2	Bunker Hill		FC	FC	FC	Yes	2
West Valley Water Dist.	3603054	01S04W06H02S	35	Bunker Hill		FC	FC	FC		2
West Valley Water Dist.	3602897	01N05W23P02	#34	Lytle		0.00	283.00	283.00		2
West Valley Water Dist.	3603055	01N05W36H05S	#36	Lytle		0.00	1,198.00	1,198.00		2
West Valley Water Dist.	3601944	01N05W23Q01S	2	Lytle		0.00	1,228.00	1,228.00		2
West Valley Water Dist.	3602766	01S04W06H02S	30	Bunker Hill		0.00	56.00	56.00		2
West Valley Water Dist.	3600312	01N05W22M	Diversion Box - Cities Ria	Lytle	3,081.00	-	-	-		2
West Valley Water Dist.	3600996	01N05W36J03S	No 8	Lytle		FC	FC	FC		2
West Valley Water Dist.	3600307	01N05W23P04S	Plant No 1	Lytle		0.00	603.00	603.00		2
West Valley Water Dist.	3601848	01S04W05E05S	Plant No 15	Bunker Hill		0.00	1.00	1.00		2
West Valley Water Dist.	3600304	01N05W26A03S	Plant No 4	Lytle		FC	FC	FC		2
West Valley Water Dist.	3600305	01N05W25E02S	Plant No 5	Lytle		FC	FC	FC		2
West Valley Water Dist.	3600997	01N05W36H04S	Plant No 7	Lytle		0.00	1,111.00	1,111.00		2
Williams Well Corporation, LTD	3600828	01S03W16J		Bunker Hill		281.80	0.00	281.8	Yes	3
York	0000161	01N03W19R		Bunker Hill		0.00	15.00	15.00	Yes	2

## Production Data for the Preceding Water Year

(July 1, 2006 - June 30, 2007)

Owner	Recordation Number	State Well Number	Local Name	Basin	Diversion (acre-ft)	Agricultural Production (acre-ft)	Non-agricultural Production (acre-ft)	Sum of Groundwater Production (acre-ft)	Within SBVWCD Boundary	Notes
<b>Total Diversions Contributing to Bunker Hill Basin</b>					36,777.0			36,777	(acre-ft)	
<b>Total Bunker Hill Groundwater Production</b>						15,165.1	194,574.2	209,739	*	(acre-ft)
<b>Total for Bunker Hill</b>								<b>246,516</b>	(acre-ft)	
<b>Total Agricultural Groundwater Production Within SBVWCD</b>								15,135	(acre-ft)	
<b>Total Non-Agricultural Groundwater Production Within SBVWCD</b>								89,682	(acre-ft)	
<b>Total Within SBVWCD</b>								<b>104,817</b>	(acre-ft)	

**Notes:**

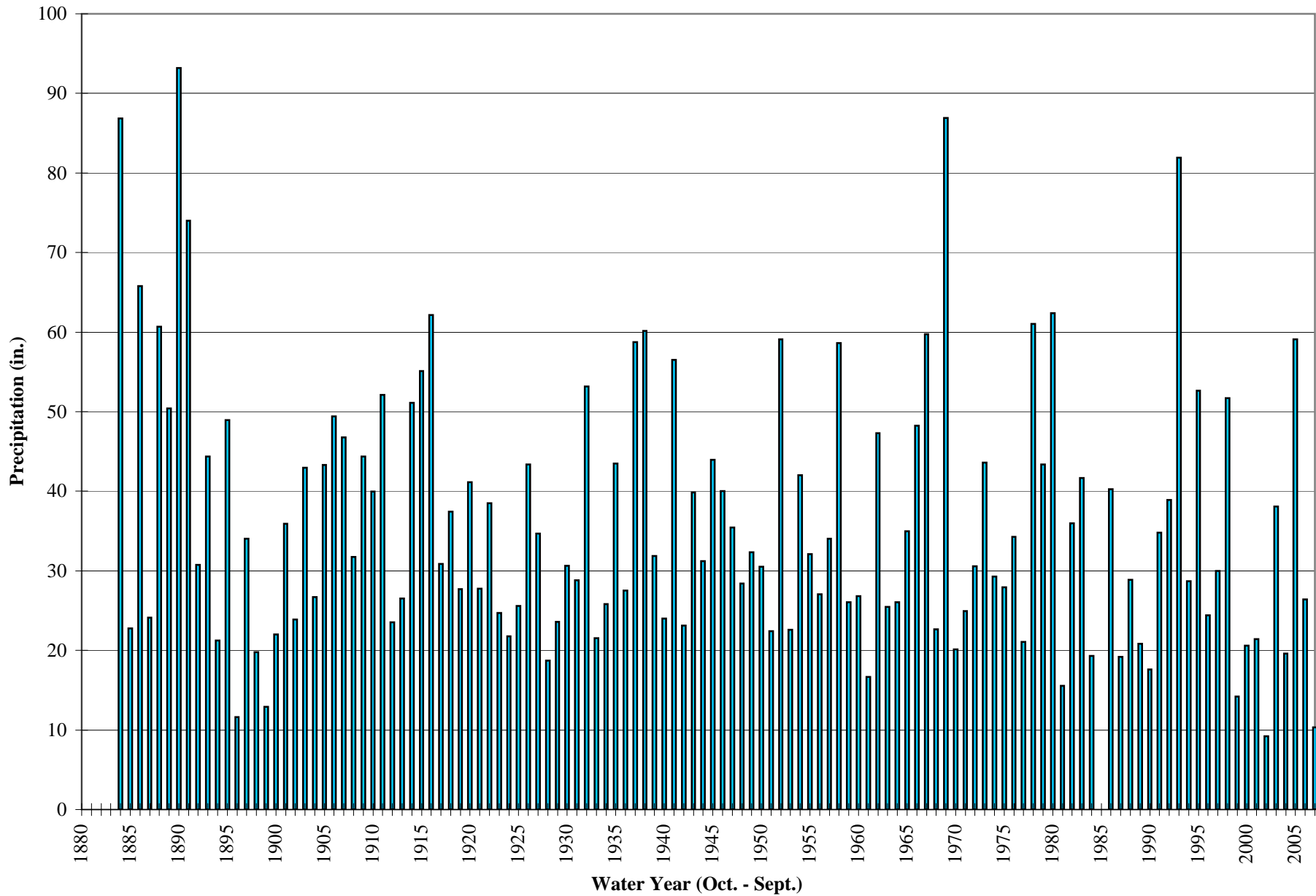
- 1 - Estimated from water year July 2006 - June 2007 production.
- 2 - Estimated from calendar year 2006 Production. (Watermaster Support Services)
- 3 - Reported in SBVWCD Groundwater Assessments July 1, 2006 - June 30, 2007 (GWA #27 & GWA #28)
- \* Not all production data differentiated between agricultural or non-agricultural use.
- FC = File Closed. SWRCB has closed file due to minimal water use, abandonment or lack of correspondence.

*Data Sources: Primary Water Purveyors, Western - San Bernardino Watermaster, and Western Municipal Water District, Watermaster Support Services*

# Historic Annual Precipitation

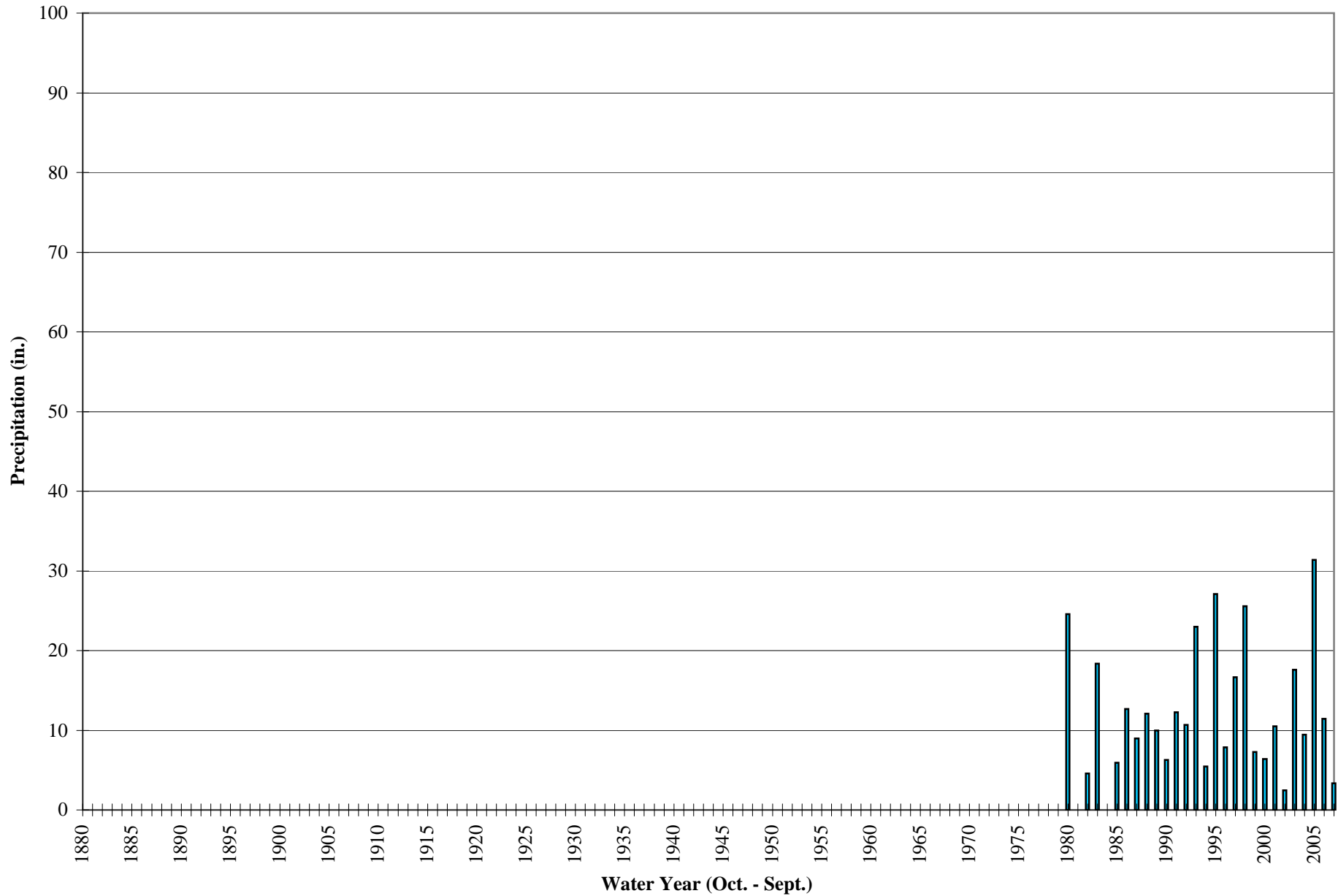
# Historic Annual Precipitation

## *Big Bear Lake Dam*



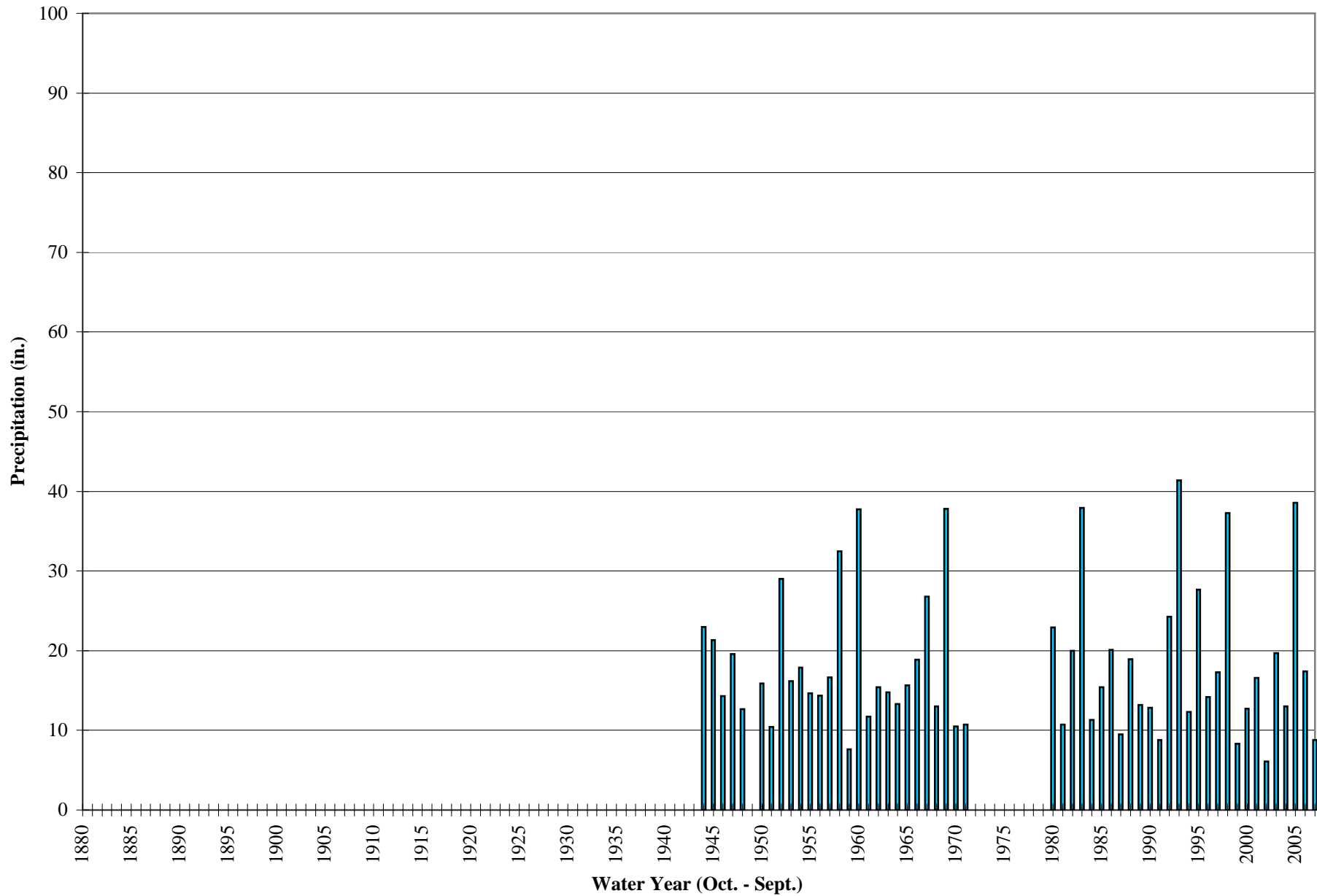
# Historic Annual Precipitation

## *Crafton Hills*



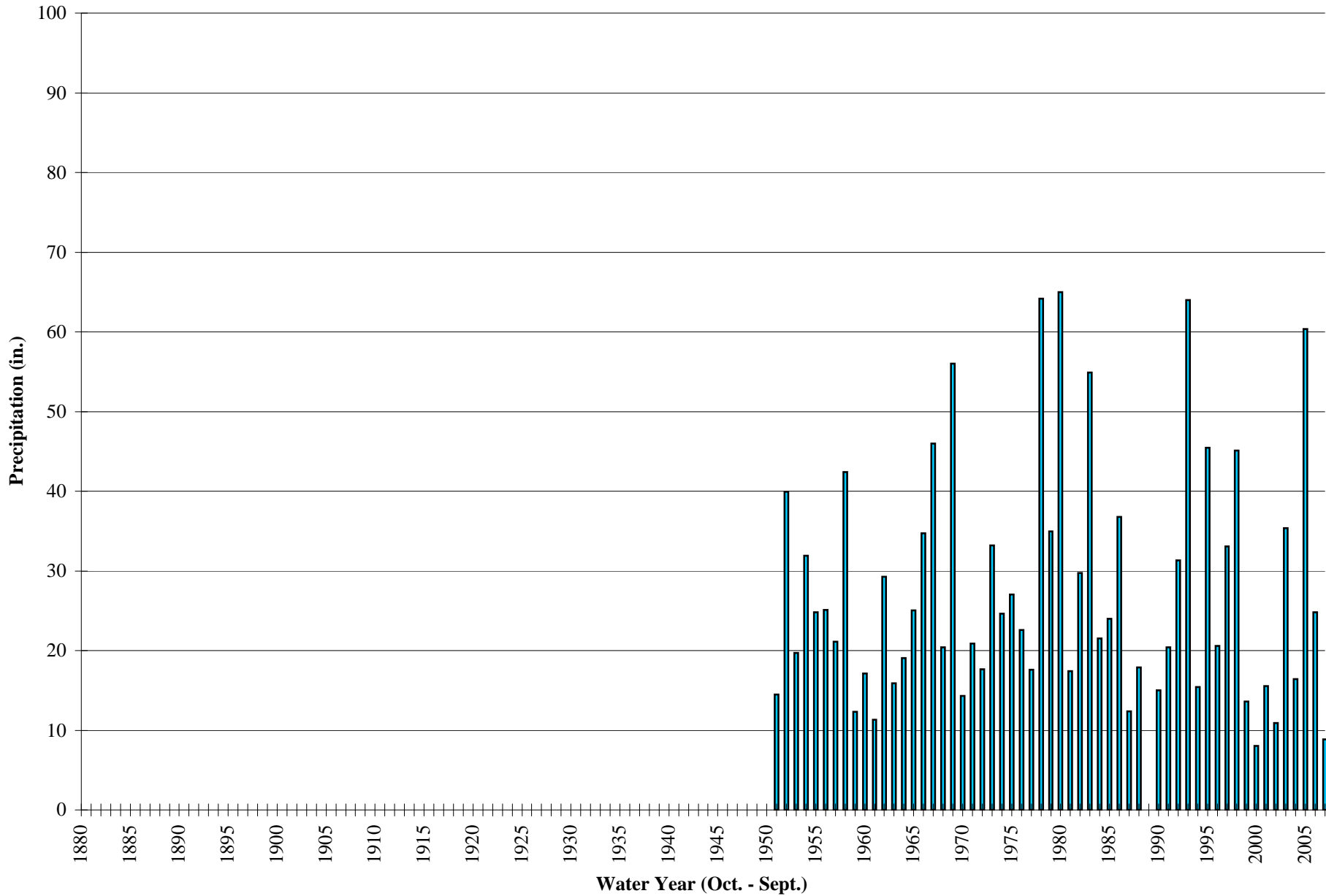
# Historic Annual Precipitation

*Del Rosa Ranger Station*



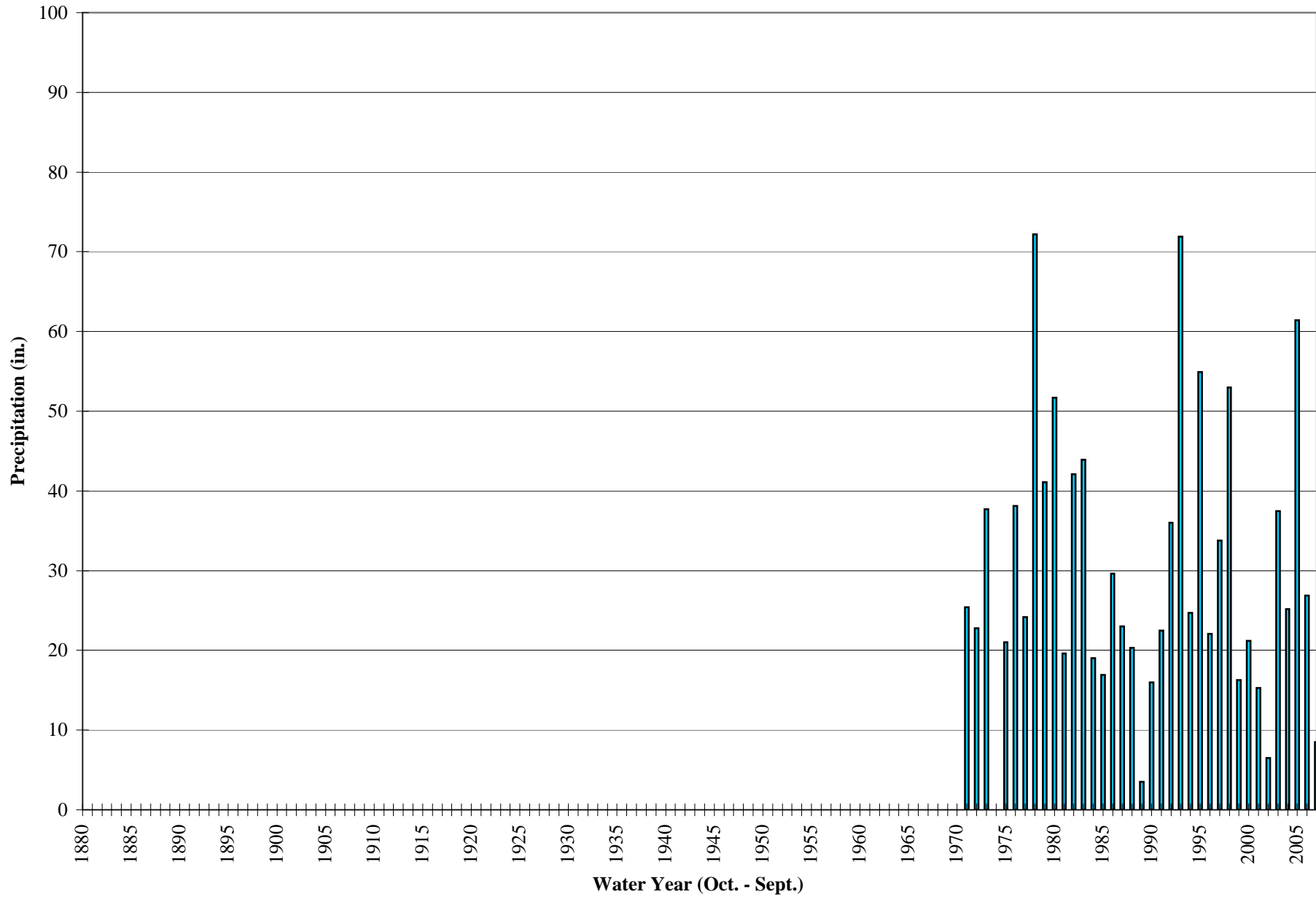
# Historic Annual Precipitation

*Devore CDF*



# Historic Annual Precipitation

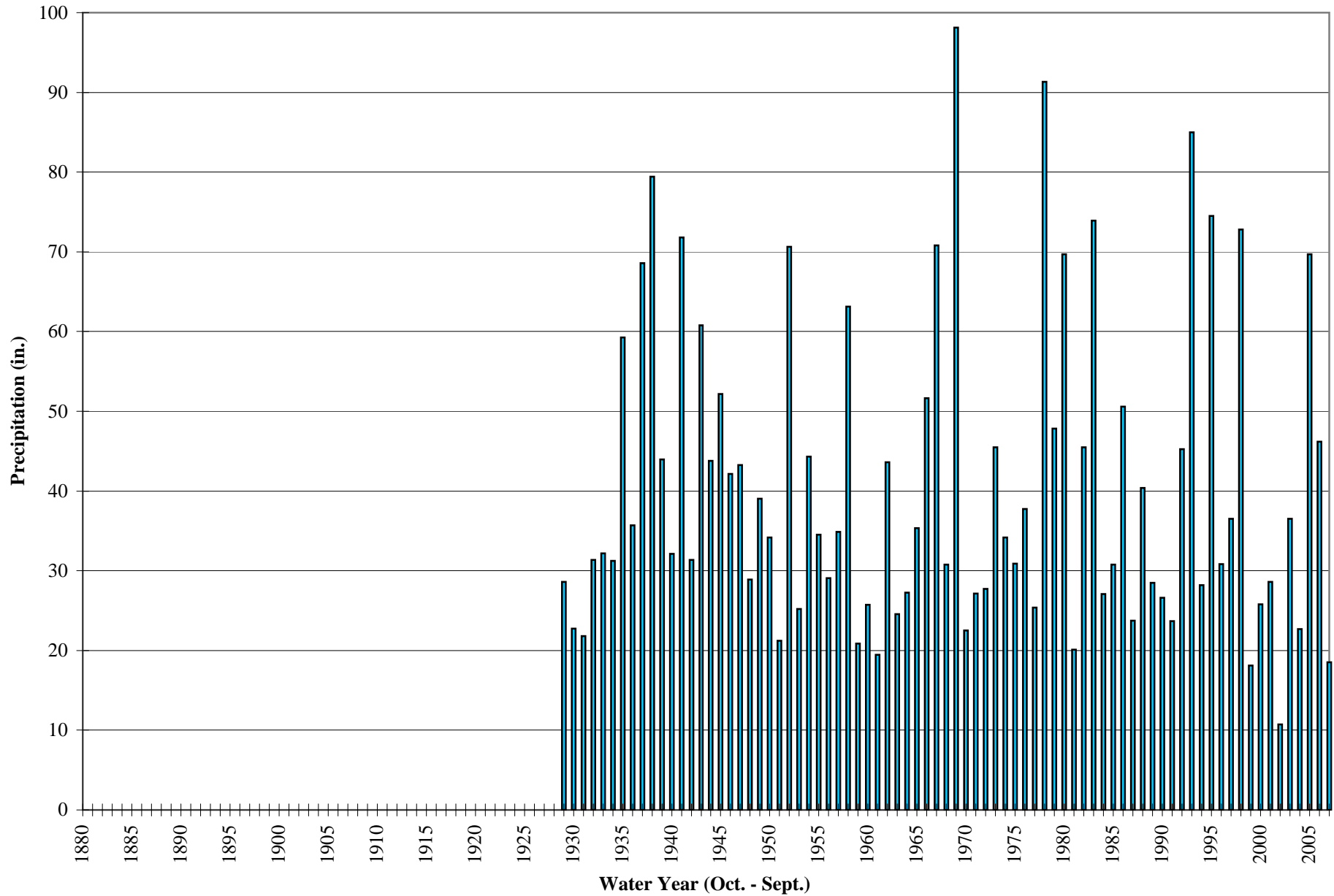
## *Fallsvale*





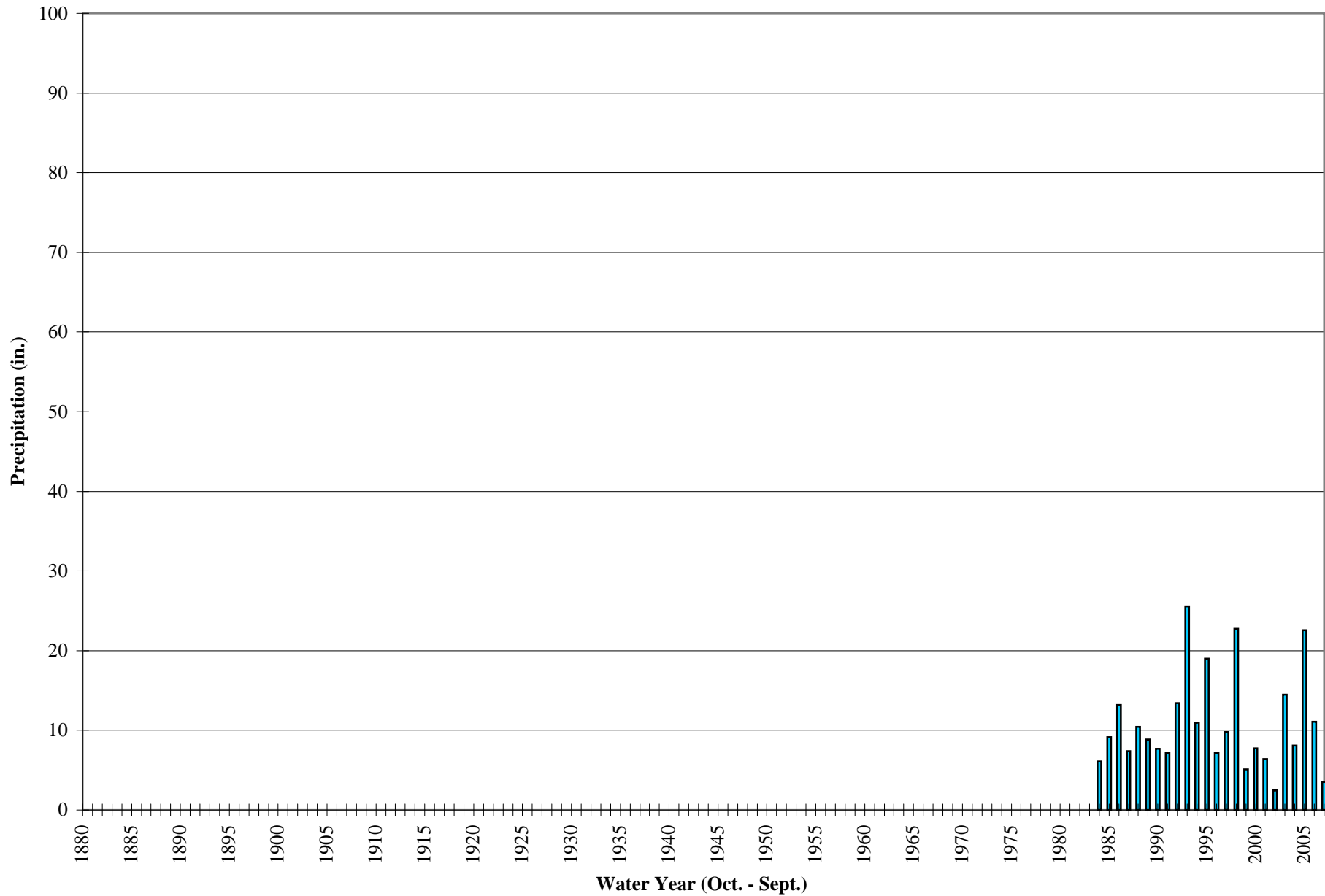
# Historic Annual Precipitation

## *Lake Arrowhead*



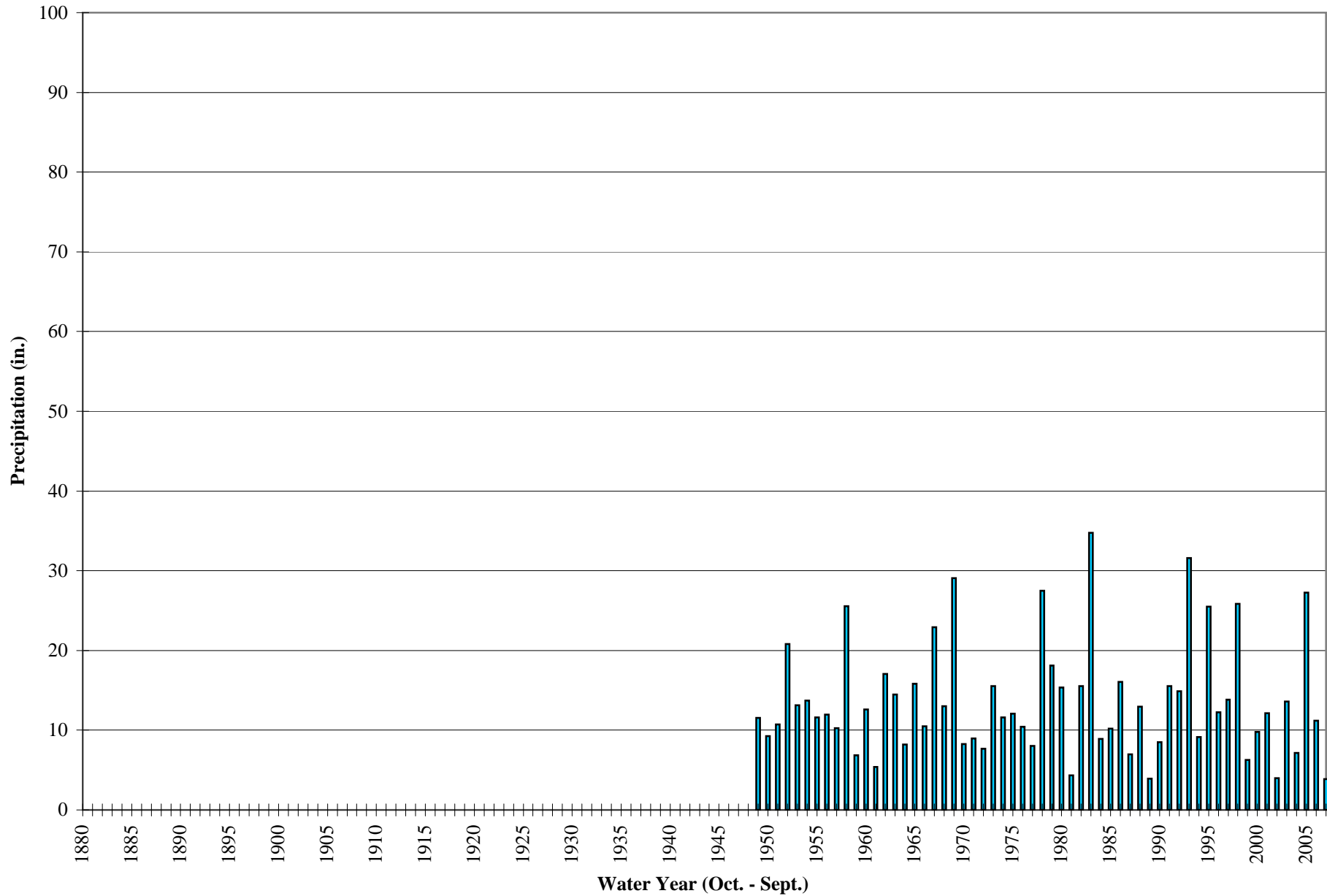
# Historic Annual Precipitation

*Loma Linda Fire Department*



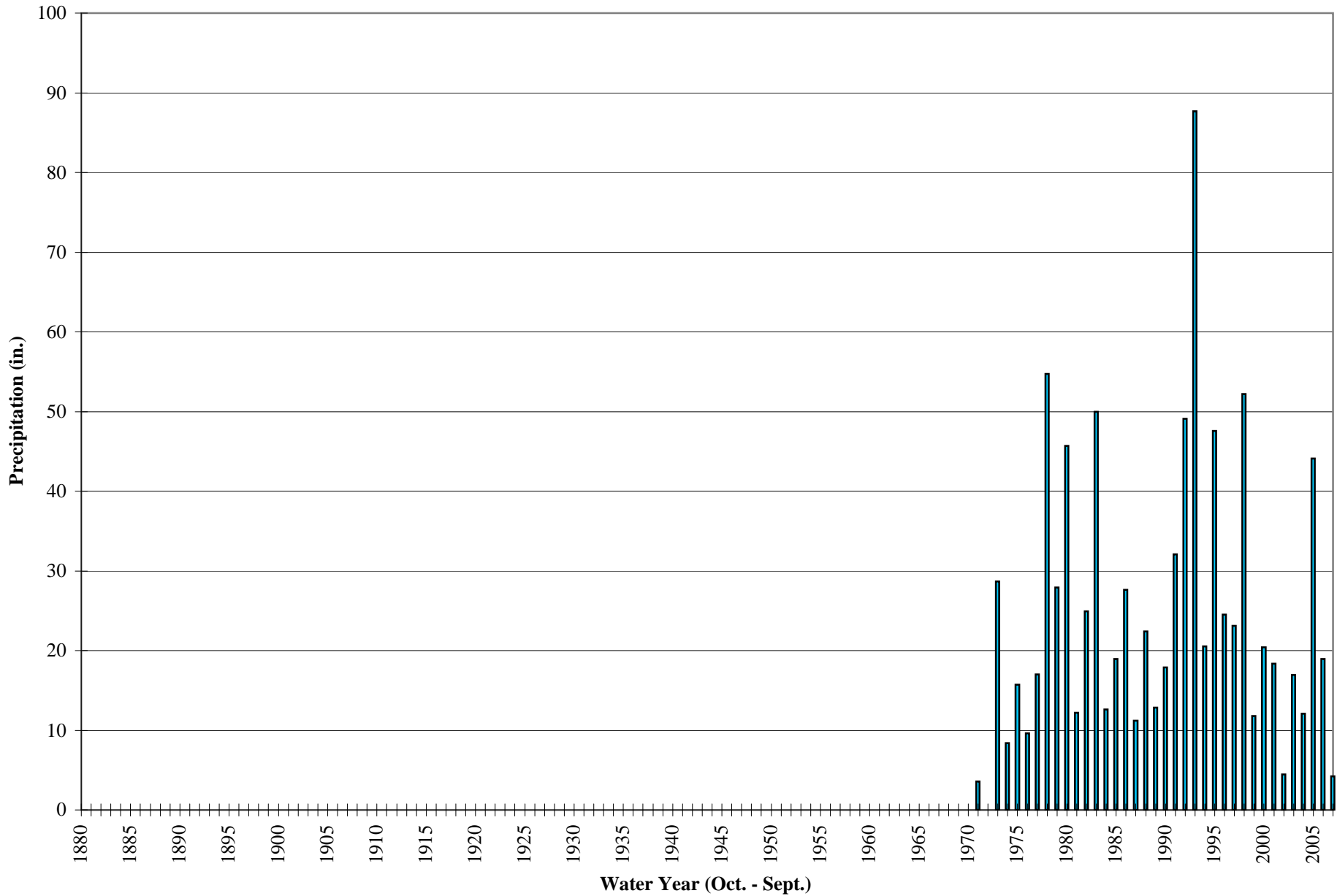
# Historic Annual Precipitation

*Lytle Creek at Foothill Blvd.*



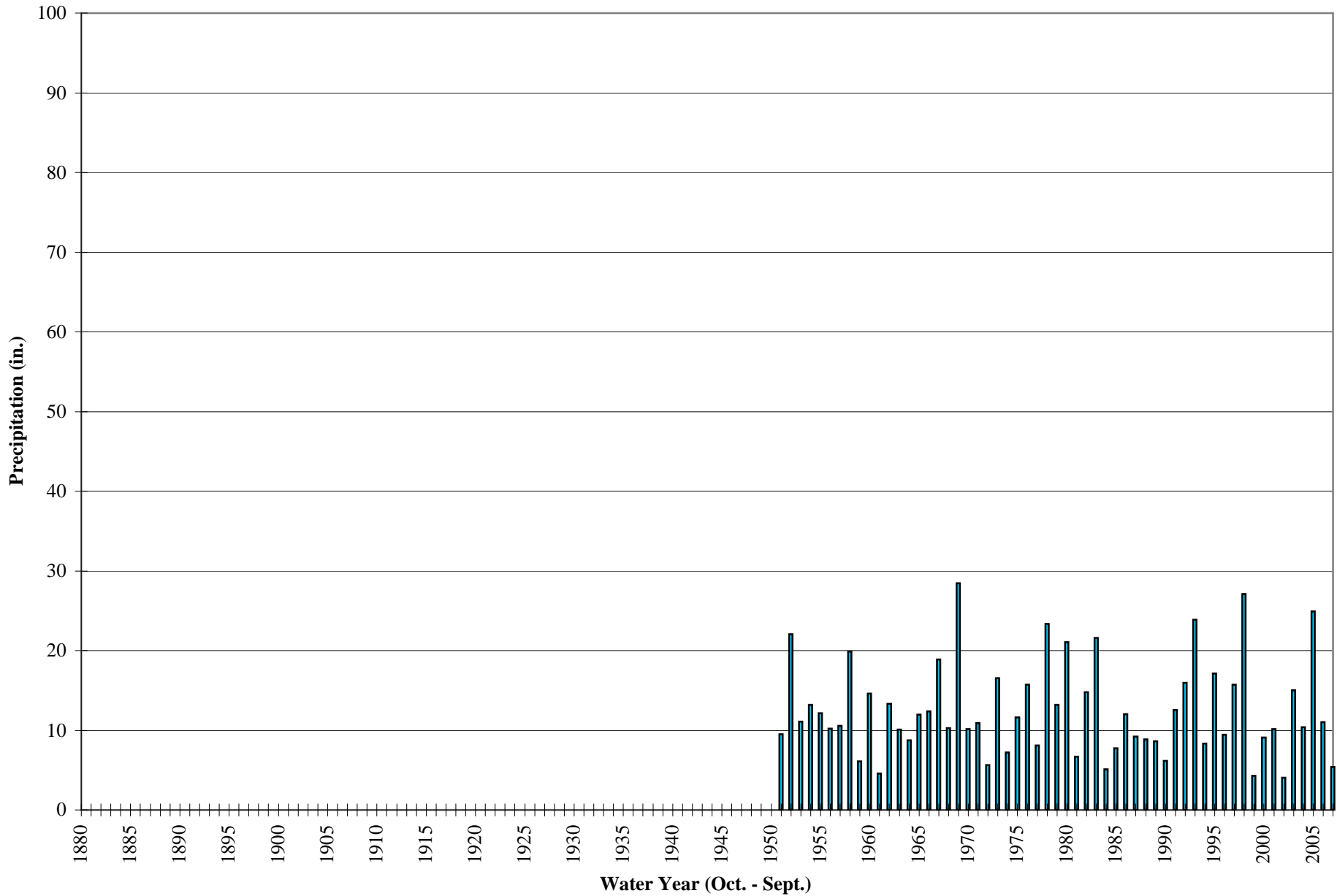
# Historic Annual Precipitation

*Lytle Creek Fire Station*



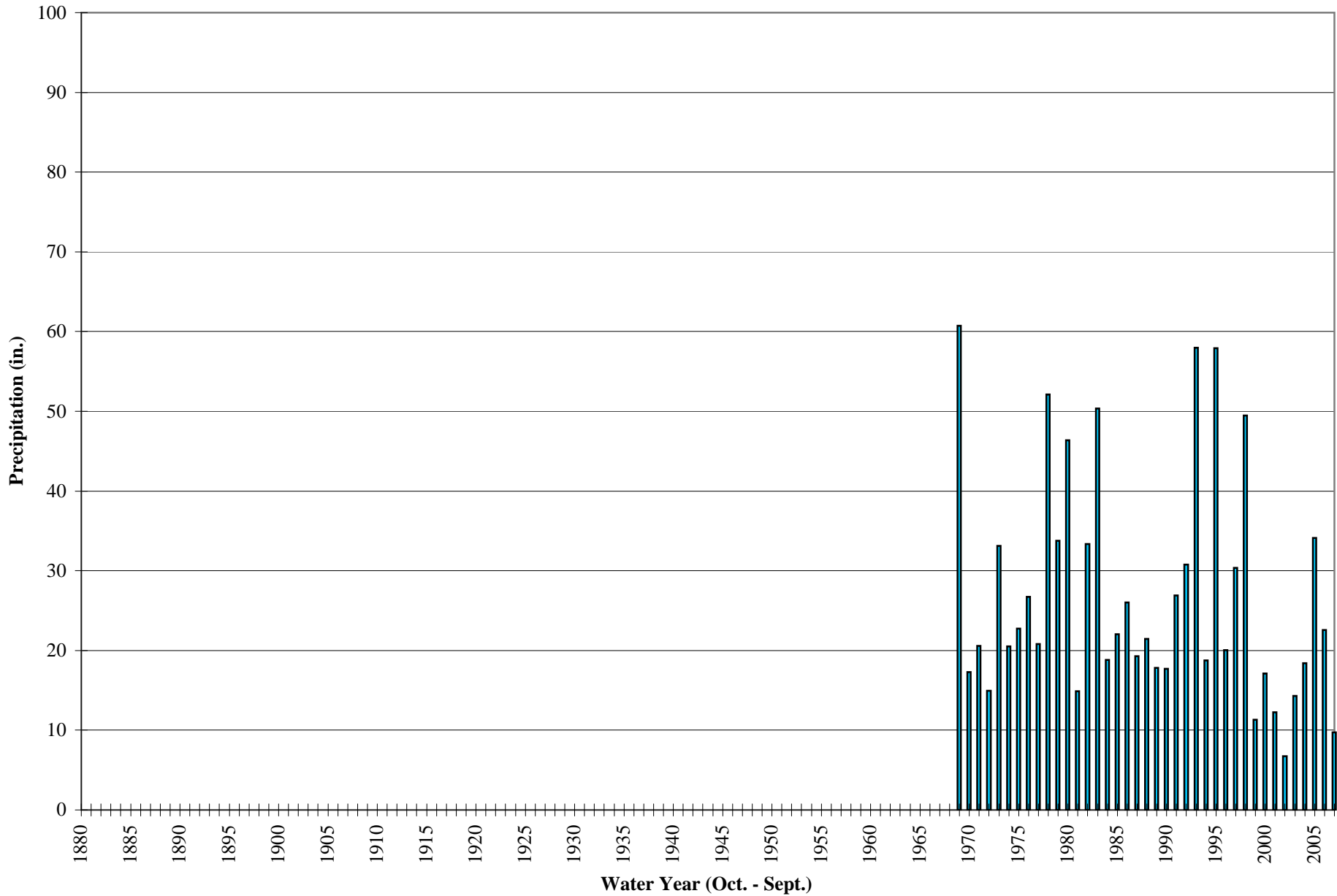
# Historic Annual Precipitation

## *Mentone CDF*



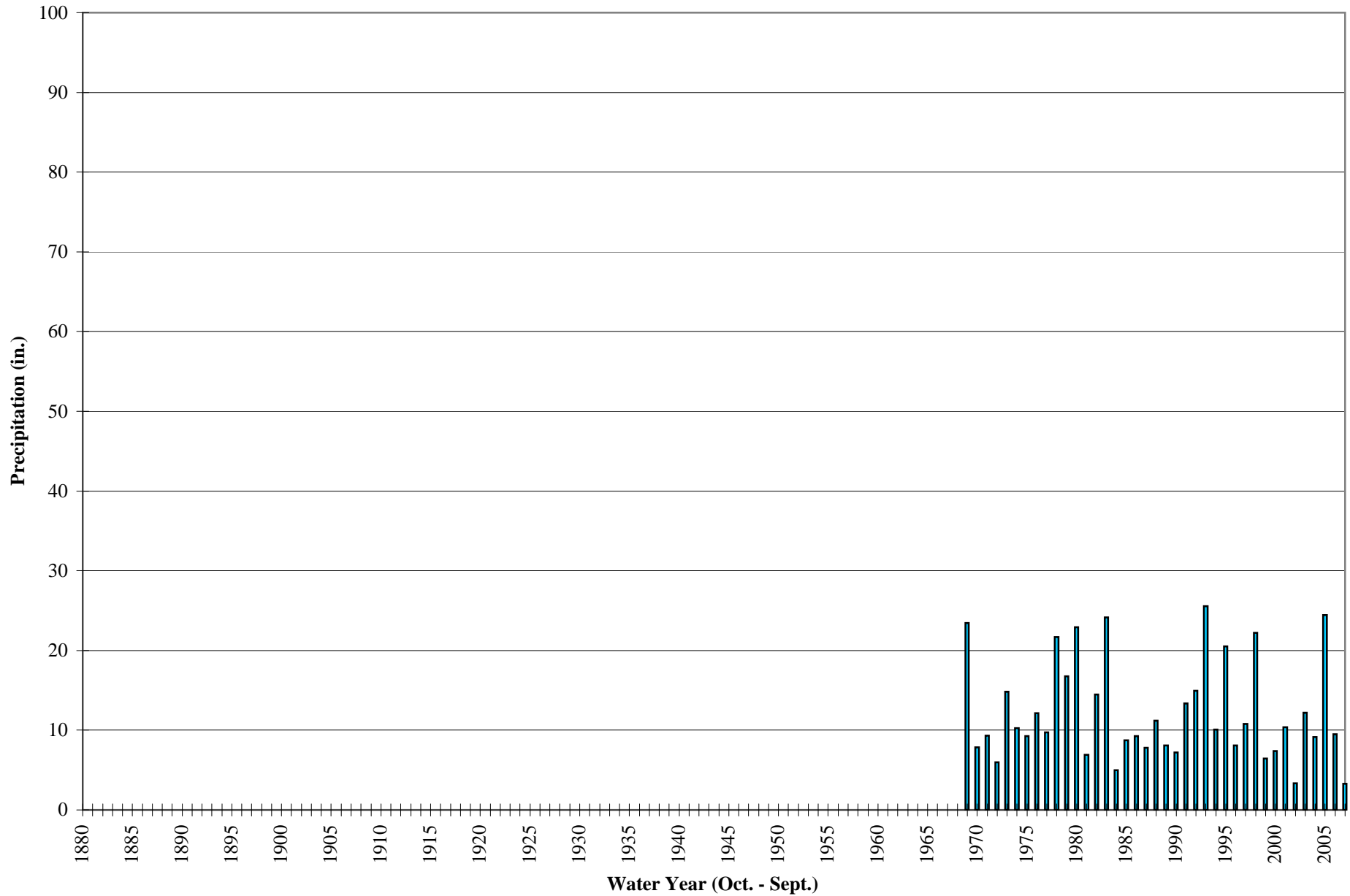
# Historic Annual Precipitation

## *Oak Glen*



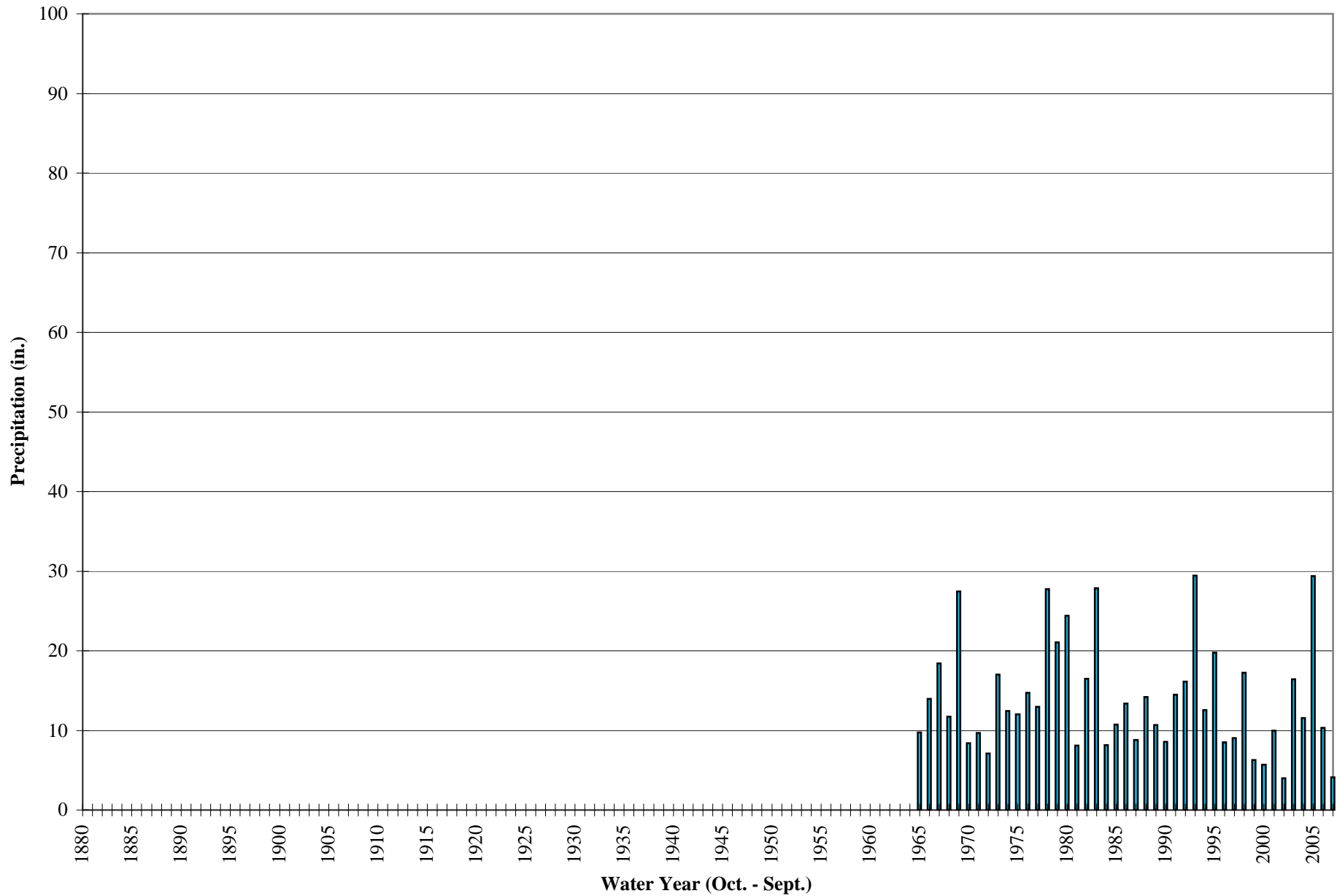
# Historic Annual Precipitation

## *Redlands - Roth*



# Historic Annual Precipitation

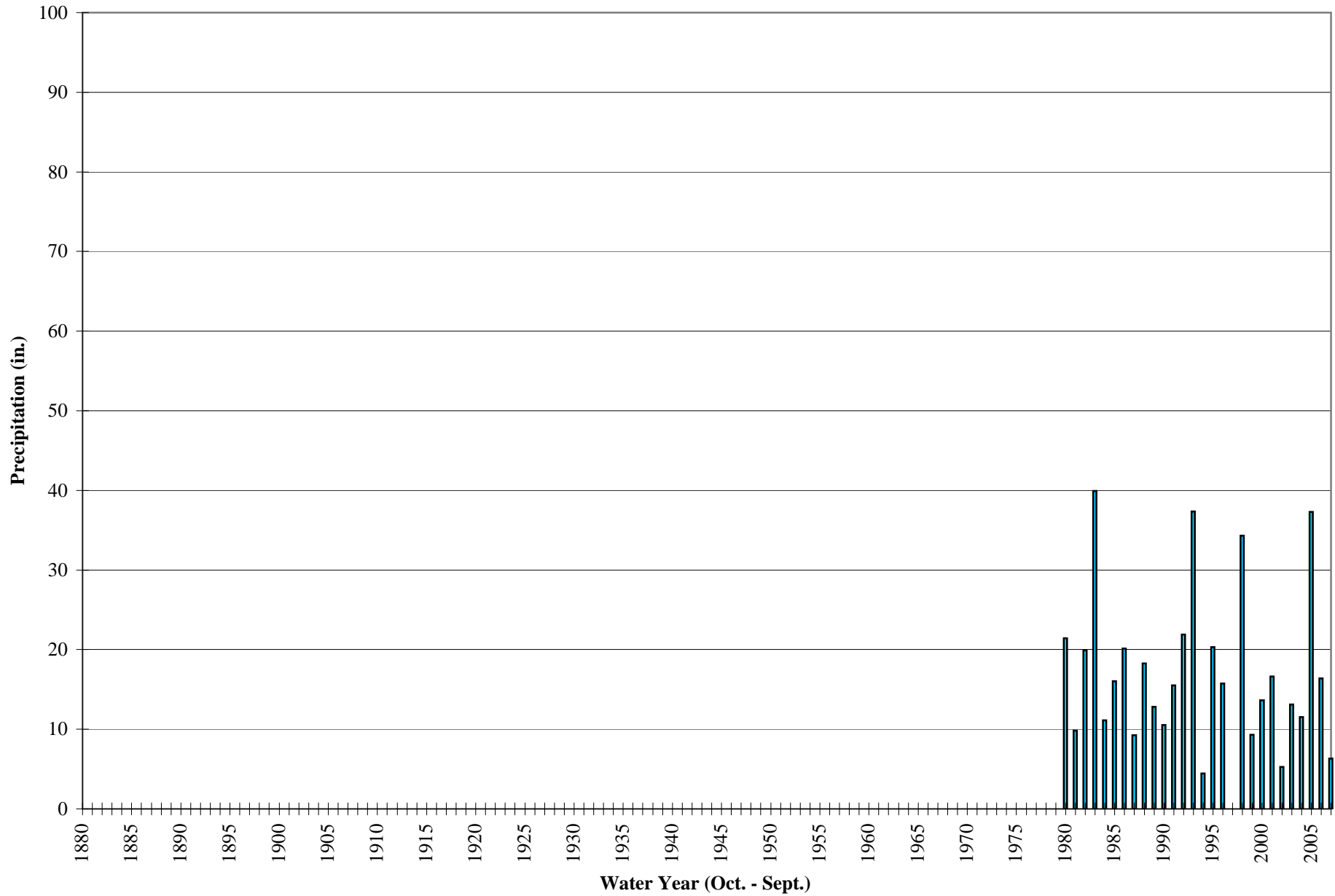
*Redlands Country Club*





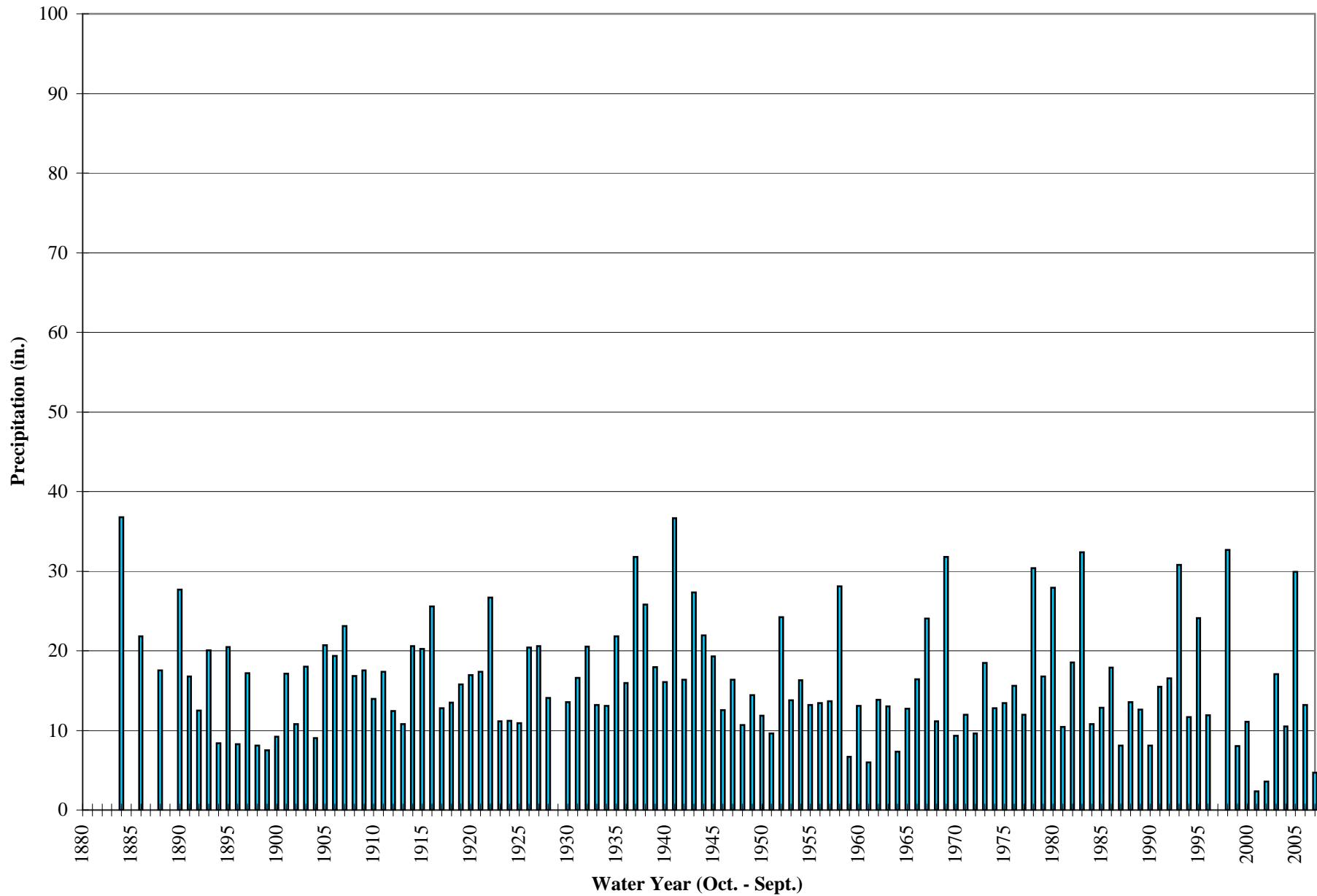
# Historic Annual Precipitation

## *San Bernardino CDF*



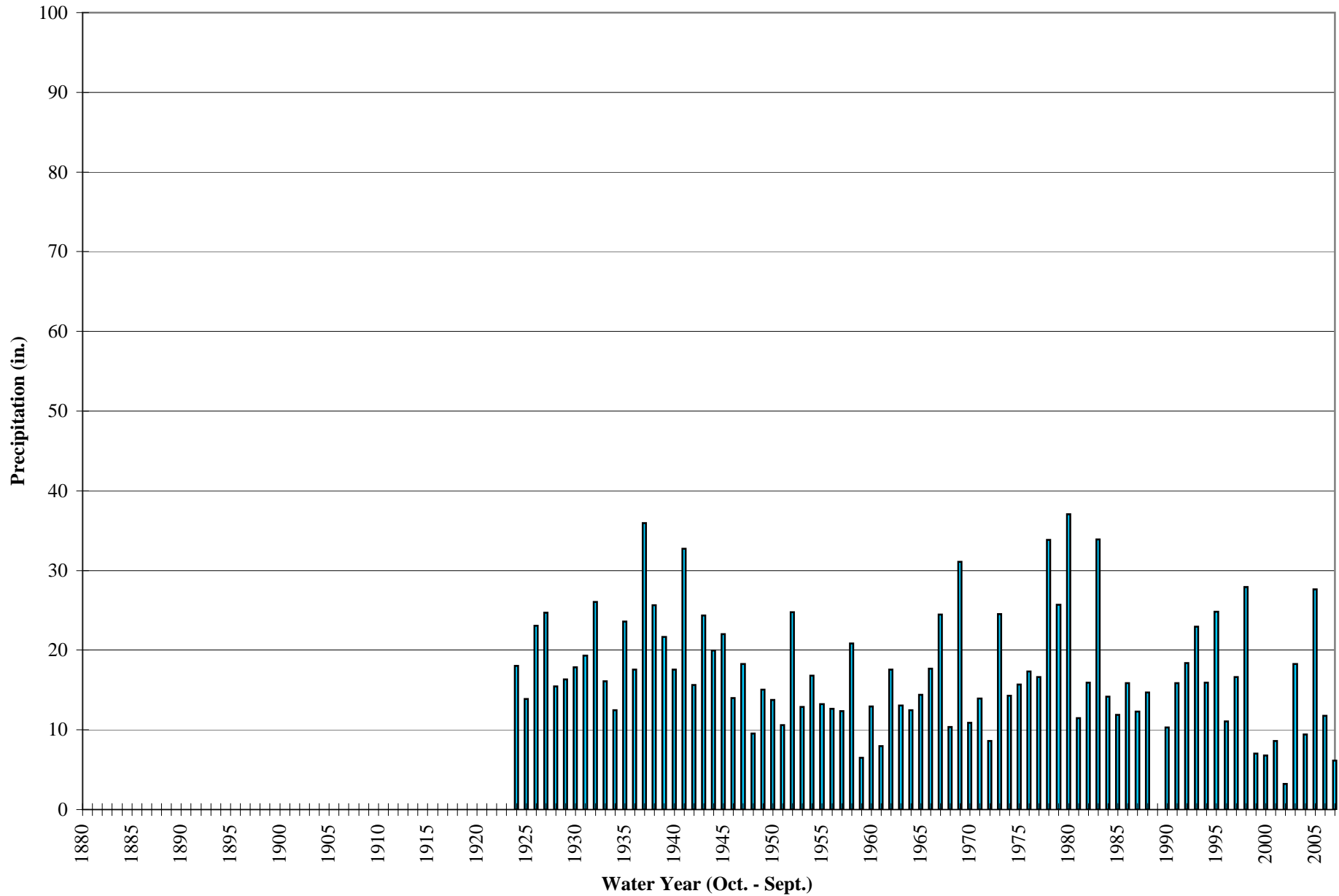
# Historic Annual Precipitation

## *San Bernardino County Hospital*



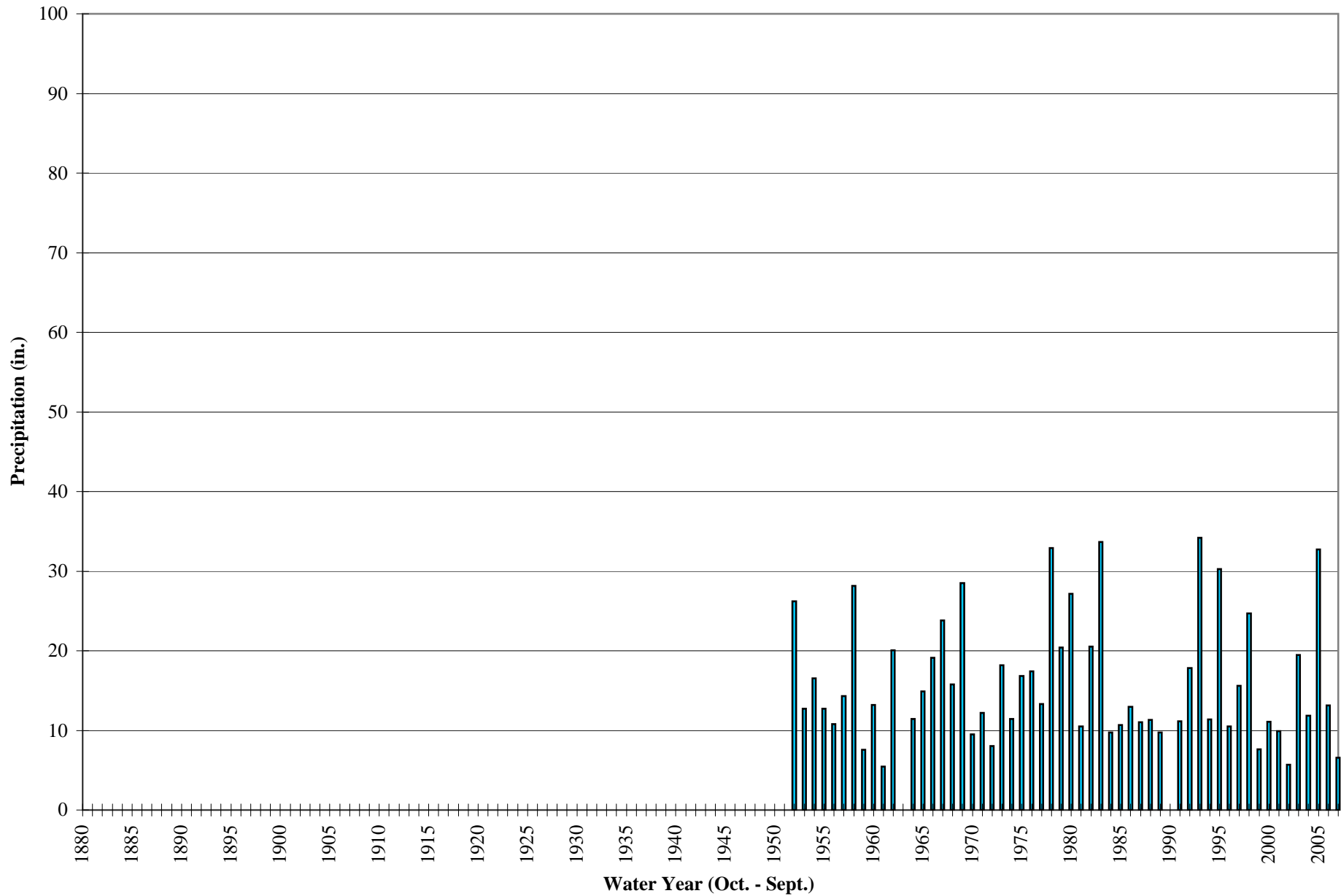
# Historic Annual Precipitation

## *Santa Ana Powerhouse #3*



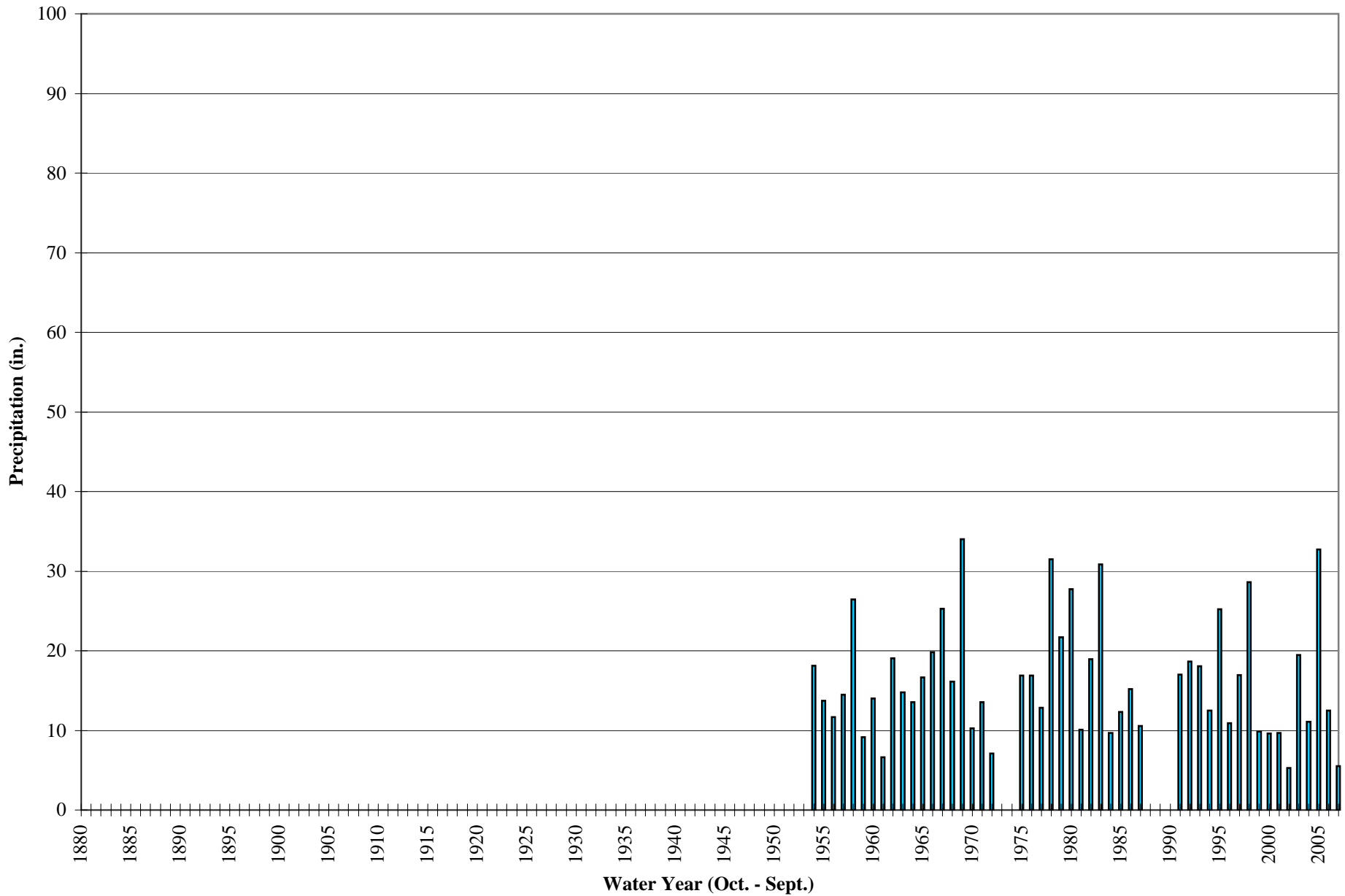
# Historic Annual Precipitation

## *Yucaipa CDF*



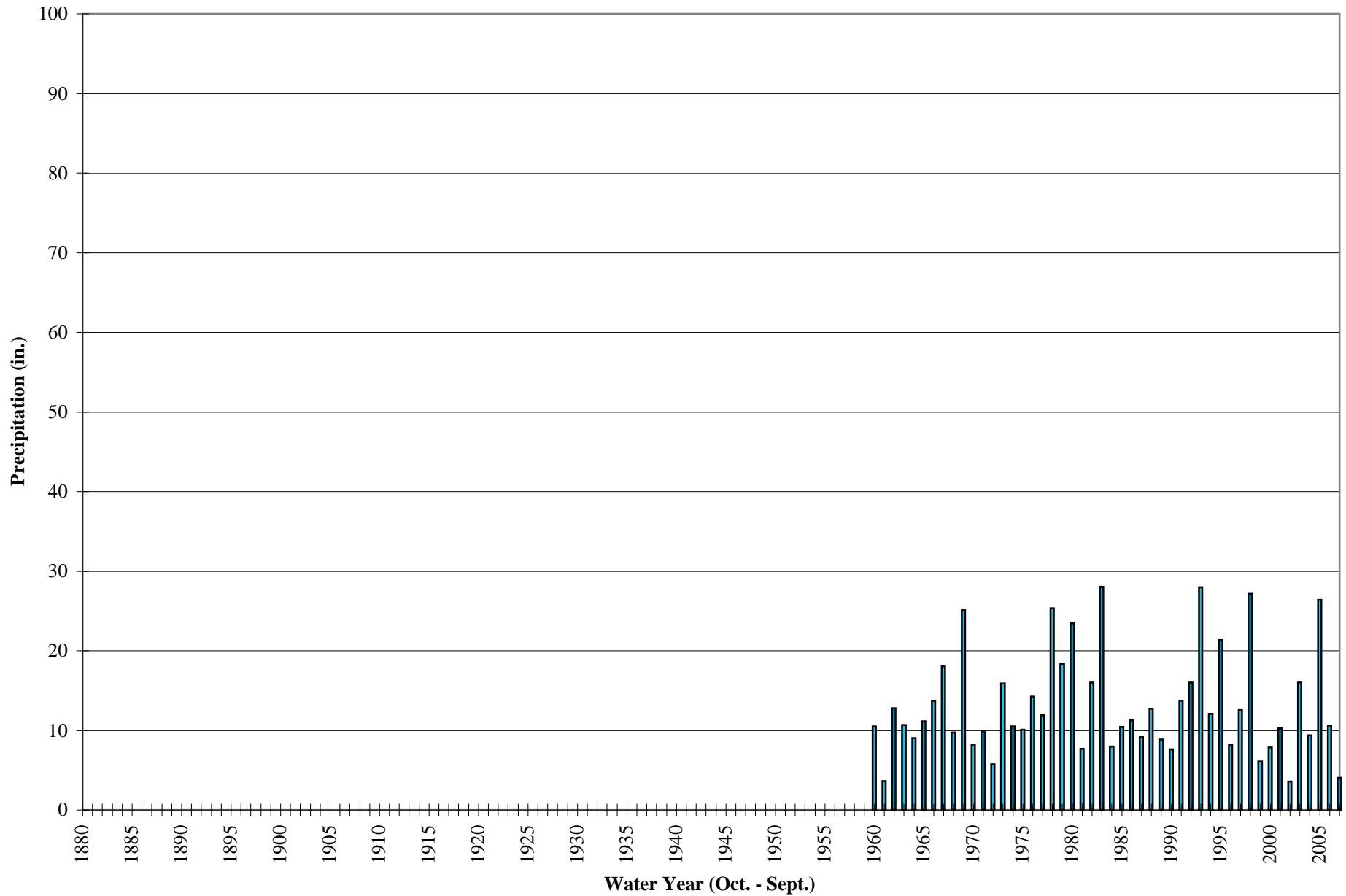
# Historic Annual Precipitation

## *Yucaipa Valley Water District*



# Historic Annual Precipitation

## *Redlands Daily Facts*



# Historic Annual Precipitation

## *Big Bear City*

