



**Date:** February 26, 2019

**To:** **Engineering and Operations Committee**  
Tom Campbell, Chair  
Dante Acosta  
Ed Colley  
William Cooper  
Gary Martin  
Lynne Plambeck

**From:** Brian J. Folsom, Chief Engineer *BJF*  
Keith Abercrombie, Chief Operating Officer *KA*

The **Engineering and Operations Committee** is scheduled to meet on **Thursday, March 7, 2019 at 5:30 PM at Rio Vista Water Treatment Plant** located at 27234 Bouquet Canyon Road, Santa Clarita, CA 91350 in the Training Room.

**MEETING AGENDA**

<u>ITEM</u>		<u>PAGE</u>
1.	Public Comments	
2.	* Recommend Approval of a Resolution Awarding a Construction Contract to Olympus and Associates to Recoat Honby Tank No. 1	3
3.	* Operations and Production Report	7
4.	* Capital Improvement Projects Construction Status Report	65
5.	* Committee Planning Calendar	67
6.	General Report on Treatment, Distribution, Operations and Maintenance Services Section Activities	
7.	General Report on Engineering Services Section Activities	
8.	Adjournment	
	* Indicates attachments	
	◆ To be distributed	

**NOTICES:**

Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning (661) 297-1600, or writing to Santa Clarita Valley Water Agency at 27234 Bouquet Canyon Road, Santa Clarita, CA 91350. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that Agency staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the Agency to provide the requested accommodation.

Pursuant to Government Code Section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection at the Santa Clarita Valley Water Agency, located at 27234 Bouquet Canyon Road, Santa Clarita, California 91350, during regular business hours. When practical, these public records will also be made available on the Agency's Internet Website, accessible at <http://www.yourscvwater.com>.

Posted on February 27, 2019.

MGS



# COMMITTEE MEMORANDUM

**DATE:** February 22, 2019  
**TO:** Engineering and Operations Committee  
**FROM:** Brian J. Folsom, P.E. *BJF*  
Chief Engineer  
**SUBJECT:** Recommend Approval of a Resolution Awarding a Construction Contract to Olympus and Associates to Recoat Honby Tank No. 1

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## SUMMARY

Staff recommends recoating the Santa Clarita Water Division (SCWD) Honby Tank No. 1 exterior and interior roof and performing interior spot repairs to maintain the integrity and service life of the tank. Staff recommends awarding the contract to Olympus and Associates, Inc. as the lowest responsible bidder in the amount of \$338,848.

## DISCUSSION

The SCV Water Capital Improvement Program (CIP) for the Retail Divisions includes funds for General Tank Improvements that include periodic tank inspections and recoating (as required) to maintain the integrity and extend the service life of water storage tanks. Honby Tank No. 1 is a welded steel tank with a nominal capacity of four million gallons. The tank is one of two tanks located at the Honby Tank Site west of Keaton Street in the City of Santa Clarita. The tank was originally constructed in 1981. The interior lining and exterior shell surfaces have been recoated once. The typical service life of an epoxy coating is 20 to 25 years. An inspection and condition assessment was recently performed by CSI Services, Inc. Results of the CSI Inspection indicate the following:

- Exterior roof surfaces are in poor condition.
- Exterior shell is in good condition.
- Interior roof surfaces in the “vapor area” are in fair condition with corrosion and spot peeling in certain areas primarily within the upper roof support structure.
- Interior shell surfaces in the “immersion area” are in good condition with only limited areas of spot rust.

Based on the CSI Inspection Report, the recommended scope of repairs will include: 1) removal and replacement of the exterior roof coating system with an epoxy/urethane system, 2) removal and replacement of the interior linings in the “vapor area” with a zinc primer and two coats of immersion grade epoxy, and 3) spot repair in the immersion area with two coats of immersion grade epoxy. All interior coatings will be with certified NSF ANSI Standard 61 materials.

SCV Water advertised for bids on January 22, 2019 in accordance with SCV Water Purchasing Policy, including notices in *The Signal* on January 24 and 26, 2019. Six bids were received on February 12, 2019. Bid results are as follows:

<b>Bidder</b>	<b>Total Bid Price</b>
Olympus and Associates, Inc.	\$338,848
Advanced Industrial Services, Inc.	\$469,900
Crosno Construction, Inc.	\$515,000
Paso Robles Tank, Inc.	\$585,000
Olympos Painting, Inc.	\$611,000
Spiess Construction Co., Inc.	\$708,700

Staff reviewed the bids for completeness and compliance with the bid and contract requirements and recommends awarding the contract to Olympus and Associates, Inc. as the lowest responsible bidder.

#### **FINANCIAL CONSIDERATIONS**

Funding for the Honby Tank No. 1 Exterior/Interior Roof and Interior Spot Repair project is included in the SCV Water FY 2018/19 Budget for SCWD Major Capital Projects.

#### **RECOMMENDATION**

That the Engineering and Operations Committee recommends the Board of Directors adopt the attached resolution awarding a contract to recoat Honby Tank No. 1 to Olympus and Associates, Inc. in the amount of \$338,848.

TBP

Attachment

MGS

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE SANTA CLARITA VALLEY WATER AGENCY  
AWARDING A CONTRACT TO OLYMPUS AND ASSOCIATES, INC.  
TO RECOAT HONBY TANK NO. 1**

**WHEREAS**, all proposals submitted to the Santa Clarita Valley Water Division (SCVWA) pursuant to SCVWA's Request for Bids for the Honby No. 1 Tank Recoat Project were received at SCVWA on February 12, 2019, in full accordance with the law and the SCVWA's customary procedures; and

**WHEREAS**, this Board finds, after considering the opinion of staff, that the total bid of Olympus and Associates, Inc. in the amount of \$338,848 is the lowest responsible bid of six bids received, and that said bid substantially meets the requirements of the construction contract documents as amended by Addenda; and

**WHEREAS**, it is in SCVWA's best interest that the Agency's Board of Directors authorize its General Manager or its Chief Engineer to accept the \$338,848 bid by Olympus and Associates, Inc. for the Honby No. 1 Tank Recoat Roof Project.

**NOW THEREFORE, BE IT RESOLVED**, that the Board of Directors of the Santa Clarita Valley Water Agency does hereby authorize its General Manager or its Chief Engineer to issue a Notice of Award to Olympus and Associates, Inc. for the Honby No. 1 Tank Recoat Project.

**RESOLVED FURTHER that the** SCVWA's Chief Engineer is thereafter authorized to execute the contract and forward to Olympus and Associates, Inc. the Notice to Proceed.

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# Monthly Operations & Production Report

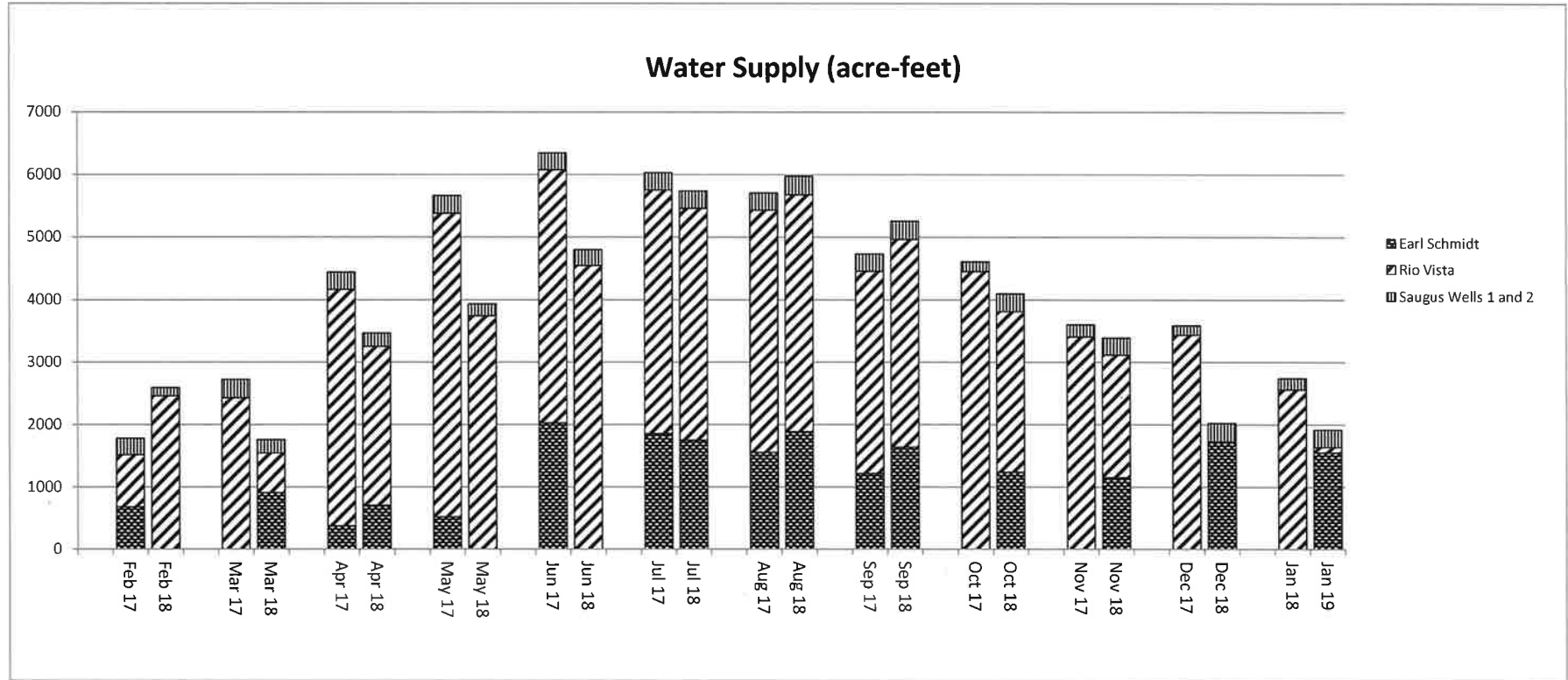
## January 2019

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# SANTA CLARITA VALLEY WATER AGENCY

## January 2019 Regional Operations Report



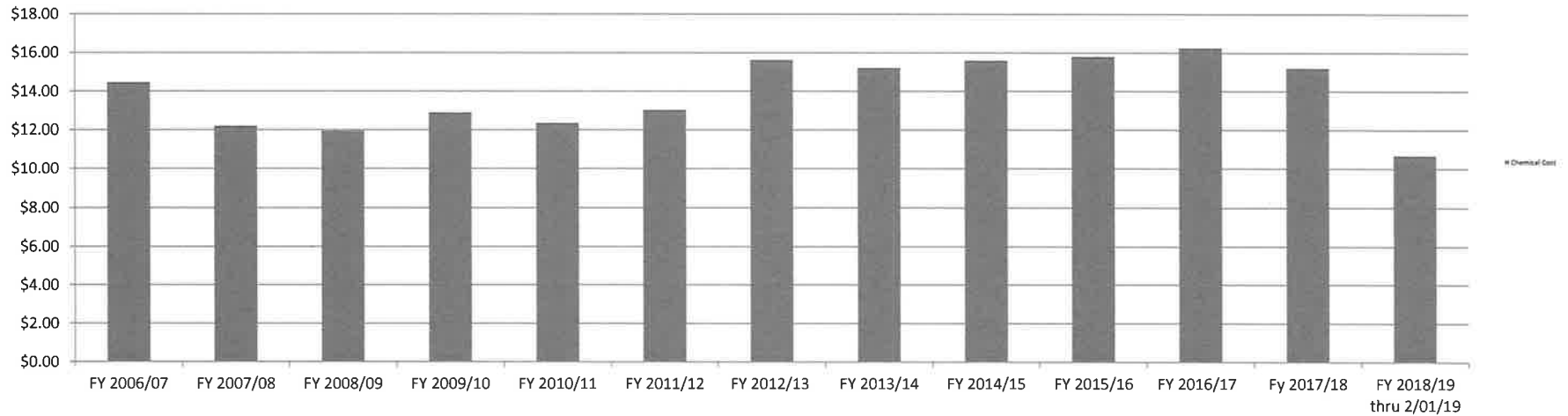
Source	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Total
Earl Schmidt	0	0	710	0	0	3705	1886	1645	1236.7	1154	1736	1560	13632.7
Rio Vista	2465	2436	2544	3735	4539	1755	3793	3321	2570	1961	0	85	29204
Saugus 1 and 2	128	290	210	201	260	283	300	289	292	272	286	275	3086
<b>Total</b>	<b>2593</b>	<b>2726</b>	<b>3464</b>	<b>3936</b>	<b>4799</b>	<b>5743</b>	<b>5979</b>	<b>5255</b>	<b>4098.7</b>	<b>3387</b>	<b>2022</b>	<b>1920</b>	<b>45922.7</b>
<b>Total Sold</b>	<b>2532</b>	<b>1746</b>	<b>3414</b>	<b>3885</b>	<b>4695</b>	<b>5639</b>	<b>5855</b>	<b>5160</b>	<b>4011</b>	<b>3349</b>	<b>1947</b>	<b>1805</b>	<b>44038</b>
RVWTP Use/Storage	23.58	0.71	21.8	67	10	22.7	44.11	17.82	60	72	9	80	428.72
<b>Total Use</b>	<b>2555.58</b>	<b>1746.71</b>	<b>3435.8</b>	<b>3952</b>	<b>4705</b>	<b>5661.7</b>	<b>5899.11</b>	<b>5177.82</b>	<b>4071</b>	<b>3421</b>	<b>1956</b>	<b>1885</b>	<b>44466.72</b>
Water Loss	-1.44%	-35.92%	-0.81%	0.41%	-1.96%	-1.42%	-1.34%	-1.47%	-0.68%	1.00%	-3.26%	-1.82%	-3.17%
<b>Recycled Water</b>	<b>Feb-18</b>	<b>Mar-18</b>	<b>Apr-18</b>	<b>May-18</b>	<b>Jun-18</b>	<b>Jul-18</b>	<b>Aug-18</b>	<b>Sep-18</b>	<b>Oct-18</b>	<b>Nov-18</b>	<b>Dec-18</b>	<b>Jan-19</b>	<b>Total</b>
Valencia	14	9	39	39	64	79	75	17	0	0	0	2	338

\* Water loss includes water usage at Rio Vista Water Treatment Plant facilities and system storage.

**Treatment Process  
January 2019**

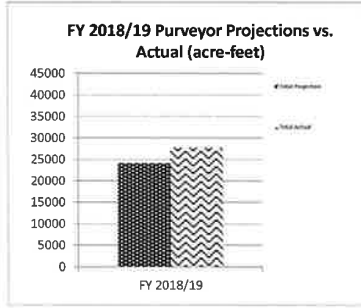
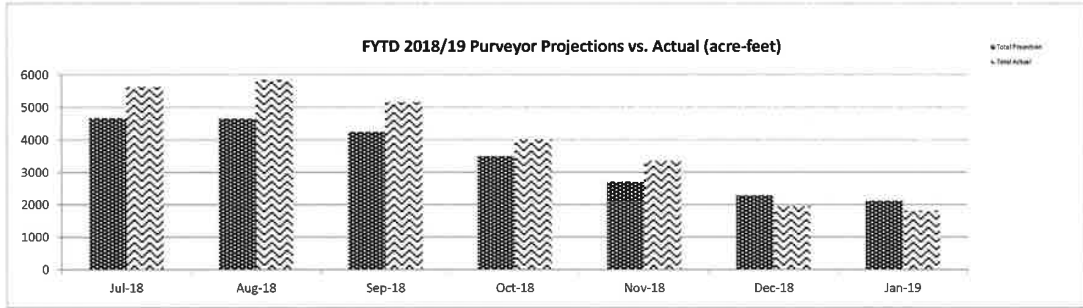
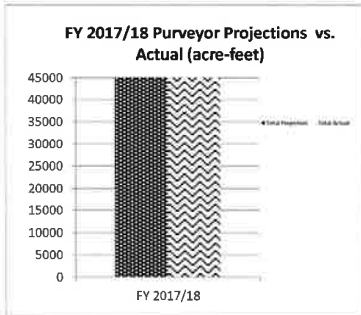
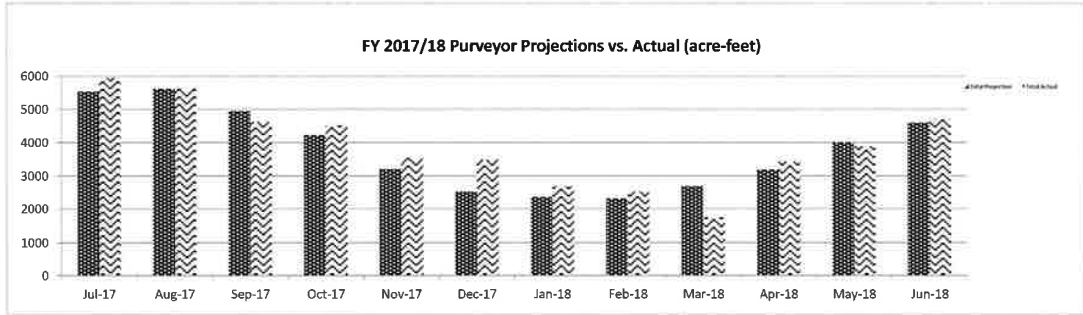
	Perchlorate Raw Water	Perchlorate Finished Water	Raw NTU	Treated NTU	Percent Reduction	Raw Ph	Adjusted pH	Ferric Chloride Dosage	Polymer Dosage	Chlorine Dosage	Ammonia Dosage	Ozone Dosage
Rio Vista			3.47	0.1	97.12%	7.60	8.15	1.00	0.75	4.25	0.78	1.1
Earl Schmidt			1.44	0.04	97.22%	7.60	7.76	1.15	1.45	6.55	0.84	1.1
Saugus 1 and 2	16	<1				7.54	7.62			3.3	0.66	

**Chemical Treatment Cost**



	FY 2006/07	FY 2007/08	FY 2008/09	FY 2009/10	FY 2010/11	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	FY 2016/17	Fy 2017/18
Acre Feet Treated Imported Water	44,493	44,732	38,275	34,610	33,441	35,653	41,504	44,909	30,571	27,456	43,670	46,672
Chemical Cost Per Acre Foot*	\$14.46	\$12.19	\$11.95	\$12.89	\$12.35	\$13.04	\$15.62	\$15.20	\$15.60	\$15.80	\$16.24	\$15.20

\* The cost per acre foot includes all chemicals used the treatment process: Chlorine Gas, Sodium Hypochlorite, Caustic Soda (Sodium Hydroxide), Ferric Chloride, Ammonia, and Cationic, non-ionic, and anionic polymers as well as the cost of liquid Oxygen, but does not include the electrical costs to produce the Ozone.



Purveyor Projections vs. Actual																
Month	SCWD Projection	SCWD Actual	%	Valencia Projection	Valencia Actual	%	Newhall Projection	Newhall Actual	%	LA County Projection	LA County Actual	%	Total Projection	Total Actual	Percentage of Estimate	
Jul-17	2505	3084	123%	2380	2088	88%	544	785	144%	101	0	0	5530	5957	108%	
Aug-17	2585	3035	117%	2345	1723	73%	544	856	157%	140	0	0	5614	5614	100%	
Sep-17	2265	2589	114%	2070	1184	57%	480	845	176%	134	0	0	4949	4618	93%	
Oct-17	2025	2462	122%	1690	1260	75%	430	804	187%	85	0	0	4230	4526	107%	
Nov-17	1545	1921	124%	1300	965	74%	350	640	183%	0	0	0	3195	3526	110%	
Dec-17	1265	1955	155%	970	969	100%	290	556	192%	0	0	0	2525	3480	138%	
Jan-18	1145	1578	138%	990	853	86%	229	253	110%	0	0	0	2364	2684	114%	
Feb-18	1225	1580	129%	880	676	77%	210	275	131%	0	0	0	2315	2531	109%	
Mar-18	1305	969	74%	1125	619	55%	260	157	60%	0	0	0	2690	1745	65%	
Apr-18	1465	1905	130%	1410	1160	82%	310	349	113%	0	0	0	3185	3414	107%	
May-18	1785	2075	116%	1880	1335	71%	330	473	143%	0	0	0	3995	3883	97%	
Jun-18	2105	2264	108%	2080	1622	78%	410	808	197%	0	0	0	4595	4694	102%	
<b>FY 2017/18</b>	<b>21220</b>	<b>25417</b>	<b>120%</b>	<b>19120</b>	<b>14454</b>	<b>76%</b>	<b>4387</b>	<b>6801</b>	<b>155%</b>	<b>460</b>	<b>0</b>	<b>0</b>	<b>45187</b>	<b>46672</b>	<b>103%</b>	
Jul-18	2453	2694	110%	1655	1921	116%	558	1023	183%	0	0	0	4666	5638	121%	
Aug-18	2453	2816	115%	1637	2026	124%	558	1012	181%	0	0.42	0	4648	5855	126%	
Sep-18	2312	2535	110%	1441	1743	121%	488	881	181%	0	0.4	0	4241	5159	122%	
Oct-18	1862	2174	117%	1178	1300	110%	448	537	120%	0	0	0	3488	4011	115%	
Nov-18	1445	1882	130%	908	1084	119%	356	382	107%	0	0.43	0	2709	3348	124%	
Dec-18	1307	1274	97%	673	459	68%	295	214	73%	0	0	0	2275	1947	86%	
Jan-19	1178	1110	94%	692	513	74%	232	180	78%	0	1.14	0	2102	1804	86%	
<b>FY 2018/19</b>	<b>13010</b>	<b>14485</b>	<b>111%</b>	<b>8184</b>	<b>9046</b>	<b>111%</b>	<b>2935</b>	<b>4229</b>	<b>144%</b>	<b>0</b>	<b>2.39</b>	<b>0</b>	<b>24129</b>	<b>27763</b>	<b>115%</b>	

**SANTA CLARITA VALLEY WATER AGENCY**

*Record of Weather Observations*

January 2019

<b>DATE</b>	<b>High Temperature</b>	<b>Low Temperature</b>	<b>Precipitation 2019</b>	<b>Precipitation 2018</b>
1-Jan	52	30	0.00	0.00
2-Jan	57	30	0.00	0.00
3-Jan	62	31	0.00	0.00
4-Jan	66	29	0.00	0.00
5-Jan	53	36	0.52	0.00
6-Jan	57	36	0.40	0.00
7-Jan	58	43	0.51	0.00
8-Jan	64	41	0.00	0.72
9-Jan	67	36	0.01	2.23
10-Jan	67	37	0.01	0.01
11-Jan	63	38	0.01	0.01
12-Jan	53	43	0.90	0.01
13-Jan	58	34	0.01	0.00
14-Jan	46	41	1.68	0.00
15-Jan	55	44	0.50	0.00
16-Jan	57	49	0.93	0.00
17-Jan	59	49	1.70	0.00
18-Jan	69	42	0.01	0.00
19-Jan	70	43	0.01	0.20
20-Jan	69	39	0.00	0.00
21-Jan	54	45	0.01	0.00
22-Jan	60	38	0.00	0.00
23-Jan	71	33	0.00	0.00
24-Jan	68	39	0.00	0.00
25-Jan	70	40	0.00	0.00
26-Jan	72	37	0.00	0.00
27-Jan	79	43	0.00	0.00
28-Jan	78	40	0.00	0.00
29-Jan	72	48	0.00	0.00
30-Jan	70	42	0.00	0.00
31-Jan	59	40	0.87	0.00

**TOTAL**

**8.08**

**3.18**

**2018-2019**

**2017-2018**

*Total Precipitation of Current Month*

8.08

3.18

*Total Precipitation End of Previous Month*

5.16

0.07

**Total Precipitation Since October 1st**

**13.24**

**3.25**

*Temperature Averages for Current Month*

**HIGH**

63.1

70.0

**LOW**

39.2

42.3

**Santa Clarita Valley Water Agency**  
**Summary of Annual Precipitation**  
**October 1st through September 30th**  
**(Total in Inches)**

	<i>1997-98</i>	<i>1998-99</i>	<i>1999-00</i>	<i>2000-01</i>	<i>2001-02</i>	<i>2002-03</i>	<i>2003-04</i>	<i>2004-05</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>
Oct	0.00	0.33	0.00	1.13	0.22	0.00	1.10	4.79	1.91	0.42	0.25
Nov	3.73	1.39	0.00	0.00	3.18	3.01	0.63	0.64	0.59	0.05	0.50
Dec	6.72	1.39	0.05	0.00	1.30	5.85	2.57	8.54	0.14	0.83	2.67
Jan	3.49	2.08	1.21	5.84	1.55	0.00	0.65	17.06	3.27	1.66	17.54
Feb	22.00	0.65	9.43	10.76	0.51	9.03	8.07	16.69	3.78	1.38	1.82
Mar	5.15	3.00	3.15	3.38	0.38	2.38	0.37	2.70	5.68	0.17	0.10
Apr	2.28	3.78	2.10	2.56	0.05	2.35	0.20	1.42	4.22	0.71	0.07
May	5.50	0.00	0.00	0.00	0.12	1.70	0.00	0.45	0.99	0.00	0.17
Jun	0.06	0.48	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.04	0.00
Aug	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00
Sep	0.21	0.01	0.00	0.00	0.02	0.00	0.00	0.17	0.00	1.32	0.00
<b>TOTAL</b>	<b>49.14</b>	<b>13.11</b>	<b>16.25</b>	<b>23.67</b>	<b>7.34</b>	<b>24.34</b>	<b>13.59</b>	<b>52.55</b>	<b>20.58</b>	<b>6.58</b>	<b>23.12</b>
	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>
Oct	0.09	4.04	1.34	1.97	0.15	0.11	0.32	0.17	0.43	0.00	0.52
Nov	1.78	0.08	1.87	2.50	2.20	1.41	0.64	0.21	1.49	0.06	1.87
Dec	3.01	4.28	11.97	1.19	1.54	0.37	6.16	0.49	3.44	0.01	2.77
Jan	0.69	9.13	0.96	1.23	1.94	0.06	1.44	6.07	10.30	3.18	8.08
Feb	6.78	4.96	5.36	0.13	0.42	5.26	0.74	0.69	8.98	0.35	
Mar	1.18	0.69	8.86	4.99	1.21	1.64	1.09	2.75	0.33	7.50	
Apr	0.07	2.40	0.12	4.02	0.00	0.31	0.16	0.37	0.09	0.02	
May	0.01	0.07	0.74	0.01	0.74	0.00	0.66	0.09	0.26	0.01	
Jun	0.03	0.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	
Jul	0.00	0.00	0.01	0.00	0.08	0.02	0.87	0.00	0.01	0.00	
Aug	0.00	0.00	0.00	0.01	0.00	0.05	0.00	0.02	0.07	0.00	
Sep	0.00	0.00	0.00	0.02	0.00	0.00	0.78	0.00	0.13	0.02	
<b>TOTAL</b>	<b>13.64</b>	<b>25.65</b>	<b>31.27</b>	<b>16.07</b>	<b>8.28</b>	<b>9.23</b>	<b>12.87</b>	<b>10.87</b>	<b>25.53</b>	<b>11.15</b>	<b>13.24</b>

SANTA CLARITA VALLEY WATER AGENCY  
WATER PRODUCTION BY WELL 2019 (ACRE-FEET)

NEWHALL WATER DIVISION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
N12	85	0	0	0	0	0	0	0	0	0	0	0	85
N13	95	0	0	0	0	0	0	0	0	0	0	0	95
C1	21	0	0	0	0	0	0	0	0	0	0	0	21
C2	6	0	0	0	0	0	0	0	0	0	0	0	6
C7	22	0	0	0	0	0	0	0	0	0	0	0	22
P1	0	0	0	0	0	0	0	0	0	0	0	0	0
P3	0	0	0	0	0	0	0	0	0	0	0	0	0
P4	0	0	0	0	0	0	0	0	0	0	0	0	0
P5	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL NWD</b>	<b>229</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>229</b>
SANTA CLARITA WATER DIVISION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
LOST CANYON NO.2	0	0	0	0	0	0	0	0	0	0	0	0	0
LOST CANYON NO.2A	0	0	0	0	0	0	0	0	0	0	0	0	0
SAND CANYON	3	0	0	0	0	0	0	0	0	0	0	0	3
MITCHELL 5A	0	0	0	0	0	0	0	0	0	0	0	0	0
MITCHELL 5B	0	0	0	0	0	0	0	0	0	0	0	0	0
SIERRA	15	0	0	0	0	0	0	0	0	0	0	0	15
NORTH OAKS EAST	2	0	0	0	0	0	0	0	0	0	0	0	2
NORTH OAKS CENTRAL	2	0	0	0	0	0	0	0	0	0	0	0	2
NORTH OAKS WEST	0	0	0	0	0	0	0	0	0	0	0	0	0
HONBY	1	0	0	0	0	0	0	0	0	0	0	0	1
GUIDA	25	0	0	0	0	0	0	0	0	0	0	0	25
CLARK	19	0	0	0	0	0	0	0	0	0	0	0	19
SANTA CLARA	1	0	0	0	0	0	0	0	0	0	0	0	1
VALLEY CENTER	54	0	0	0	0	0	0	0	0	0	0	0	54
<b>TOTAL SCWD</b>	<b>122</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>122</b>
VALENCIA WATER DIVISION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
D	34	0	0	0	0	0	0	0	0	0	0	0	34
E15	35	0	0	0	0	0	0	0	0	0	0	0	35
N	20	0	0	0	0	0	0	0	0	0	0	0	20
N7	91	0	0	0	0	0	0	0	0	0	0	0	91
N8	39	0	0	0	0	0	0	0	0	0	0	0	39
Q2	64	0	0	0	0	0	0	0	0	0	0	0	64
T7	8	0	0	0	0	0	0	0	0	0	0	0	8
U6	2	0	0	0	0	0	0	0	0	0	0	0	2
U4	3	0	0	0	0	0	0	0	0	0	0	0	3
S6	64	0	0	0	0	0	0	0	0	0	0	0	64
S7	24	0	0	0	0	0	0	0	0	0	0	0	24
S8	9	0	0	0	0	0	0	0	0	0	0	0	9
W11	24	0	0	0	0	0	0	0	0	0	0	0	24
W9	22	0	0	0	0	0	0	0	0	0	0	0	22
W10	87	0	0	0	0	0	0	0	0	0	0	0	87
159 (GOLF COURSE IRRIGATION)	0	0	0	0	0	0	0	0	0	0	0	0	0
160 (SYSTEM)	2	0	0	0	0	0	0	0	0	0	0	0	2
160 (GOLF COURSE IRRIGATION)	10	0	0	0	0	0	0	0	0	0	0	0	10
201 (SYSTEM)	0	0	0	0	0	0	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0	0	0	0	0	0	0
206	95	0	0	0	0	0	0	0	0	0	0	0	95
207	120	0	0	0	0	0	0	0	0	0	0	0	120
<b>TOTAL VWD</b>	<b>752</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>752</b>
S1	143	0	0	0	0	0	0	0	0	0	0	0	143
S2	132	0	0	0	0	0	0	0	0	0	0	0	132
<b>TOTAL S1 &amp; S2</b>	<b>275</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>275</b>
<b>TOTAL WELL PRODUCTION</b>	<b>1378</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1378</b>

WELL 201 (NON-SYSTEM) 106 0 0 0 0 0 0 0 0 0 0 0 0 106

NEWHALL WATER DIVISION  
WATER PRODUCTION 2019 (ACRE-FEET)

GROUNDWATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
<b>NEWHALL SYSTEM</b>													
N12	85												85
N13	95												95
<b>CASTAIC SYSTEM</b>													
C1	21												21
C2	6												6
C7	22												22
<b>PINETREE SYSTEM</b>													
P1	0												0
P3	0												0
P4	0												0
P5	0												0
S1 & S2	74												74
<b>TOTAL GROUNDWATER</b>	<b>303</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>303</b>
<b>IMPORT + S1 &amp; S2</b>													
<b>NEWHALL SYSTEM</b>													
N-3	13												13
<b>CASTAIC SYSTEM</b>													
N-1	39												39
<b>PINETREE SYSTEM</b>													
N-2	87												87
<b>TESORO SYSTEM</b>													
N-4	41												41
<b>TOTAL IMPORT + S1 &amp; S2</b>	<b>181</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>181</b>
VWD- INTERTIE	0												0
<b>TOTAL GROUNDWATER (INCLUDES S1 &amp; S2)</b>	<b>303</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>303</b>
<b>TOTAL IMPORT (NO S1 &amp; S2)</b>	<b>107</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>107</b>
<b>TOTAL VWD INTERTIE</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL PRODUCTION</b>	<b>410</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>410</b>
<b>% BY SOURCE</b>													
GROUNDWATER	74%												74%
IMPORT	26%												26%
INTERTIE	0%												0%

**SANTA CLARITA WATER DIVISION  
WATER PRODUCTION 2019 (ACRE-FEET)**

<b>GROUNDWATER</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>	<b>TOTAL</b>
LOST CANYON NO.2	0												0
LOST CANYON NO.2A	0												0
SAND CANYON	3												3
MITCHELL 5A	0												0
MITCHELL 5B	0												0
SIERRA	15												15
NORTH OAKS EAST	2												2
NORTH OAKS CENTRAL	2												2
NORTH OAKS WEST	0												0
HONBY	1												1
GUIDA	25												25
CLARK	19												19
SANTA CLARA	1												1
VALLEY CENTER	54												54
<b>TOTAL ALLUVIUM</b>	<b>122</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>122</b>
<b>SAUGUS WELLS S1 &amp; S2</b>	<b>201</b>												<b>201</b>
<b>TOTAL GROUNDWATER</b>	<b>323</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>323</b>
<b>IMPORT + S1 &amp; S2</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>	<b>TOTAL</b>
SC-1 BOUQUET	191												191
SC-2 HONBY	179												179
SC-3 WILEY	50												50
SC-4 HONBY #2	200												200
SC-5 RIO VISTA	0												0
SC-6 LOST CANYON	55												55
SC-7	26												26
SC-8	79												79
SC-9	40												40
SC-10	35												35
SC-11	38												38
SC-12	180												180
SC-13	37												37
<b>TOTAL IMPORT + S1 &amp; S2</b>	<b>1110</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,110</b>
METERING ADJUSTMENT	-9												-9
<b>NET IMPORT + S1 &amp; S2</b>	<b>1,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100</b>
<b>TOTAL GROUNDWATER (INCLUDES S1 &amp; S2)</b>	<b>323</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>323</b>
<b>TOTAL IMPORT (NO S1 &amp; S2)</b>	<b>908</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>908</b>
<b>TOTAL VWD INTERTIE</b>	<b>0</b>												<b>0</b>
<b>TOTAL PRODUCTION</b>	<b>1,232</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,232</b>
<b>% BY SOURCE</b>													
GROUNDWATER	26%												26%
IMPORT	74%												74%
VWD INTERTIE	0%												0%



VALENCIA WATER DIVISION  
WATER PRODUCTION 2019 (ACRE-FEET)

ALLUVIUM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
D	34												34
E15	35												35
N	20												20
N7	91												91
N8	39												39
Q2	64												64
T7	8												8
U6	2												2
U4	3												3
S6	64												64
S7	24												24
S8	9												9
W11	24												24
W9	22												22
W10	87												87
<b>TOTAL ALLUVIUM</b>	<b>525</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>525</b>
<b>SAUGUS</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>	<b>TOTAL</b>
159	0												0
160 - DOM	2												2
160 - VGC*	10												10
201	0												0
205	0												0
206	95												95
207	120												120
<b>TOTAL SAUGUS</b>	<b>226</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>226</b>
<b>IMPORT WATER</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>	<b>TOTAL</b>
V-1	83												83
V-2	65												65
V-4	25												25
V-5	96												96
V-6	99												99
V-7	18												18
V-8	128												128
<b>TOTAL IMPORT</b>	<b>513</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>513</b>
<b>TOTAL GROUNDWATER</b>	<b>752</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>752</b>
<b>TOTAL IMPORT</b>	<b>513</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>513</b>
<b>TOTAL PRODUCTION</b>	<b>1,265</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,265</b>

% BY SOURCE			
GROUNDWATER	59%		59%
IMPORT WATER	41%		41%
RECYCLED WATER	2		2
Well 201 Discharge *	106		106

\*Not used in the calculation for % by source

**LOS ANGELES COUNTY WATERWORKS DISTRICT 36**

**SOURCE**

<b>TURNOUT</b>	<b>Jan-19</b>	<b>Feb-19</b>	<b>Mar-19</b>	<b>Apr-19</b>	<b>May-19</b>	<b>Jun-19</b>	<b>Jul-19</b>	<b>Aug-19</b>	<b>Sep-19</b>	<b>Oct-19</b>	<b>Nov-19</b>	<b>Dec-19</b>	<b>TOTAL</b>
LA 1	0.0491												0.05
LA 2	1.0925												1.09
<b>TOTAL</b>	<b>1.1416</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>1.14</b>

**RAW WATER**

<b>SOURCE</b>	<b>Jan-19</b>	<b>Feb-19</b>	<b>Mar-19</b>	<b>Apr-19</b>	<b>May-19</b>	<b>Jun-19</b>	<b>Jul-19</b>	<b>Aug-19</b>	<b>Sep-19</b>	<b>Oct-19</b>	<b>Nov-19</b>	<b>Dec-19</b>	<b>TOTAL</b>
RVTP	85												84.73
ESTP	1,560												1,560.30
Wells	275												275.17
<b>TOTAL</b>	<b>1,920</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,920.21</b>

**S1/S2 TREATMENT**

<b>SOURCE</b>	<b>Jan-19</b>	<b>Feb-19</b>	<b>Mar-19</b>	<b>Apr-19</b>	<b>May-19</b>	<b>Jun-19</b>	<b>Jul-19</b>	<b>Aug-19</b>	<b>Sep-19</b>	<b>Oct-19</b>	<b>Nov-19</b>	<b>Dec-19</b>	<b>TOTAL</b>
S1	143.2												143.20
S2	131.98												131.98
<b>TOTAL</b>	<b>275.17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>275.17</b>



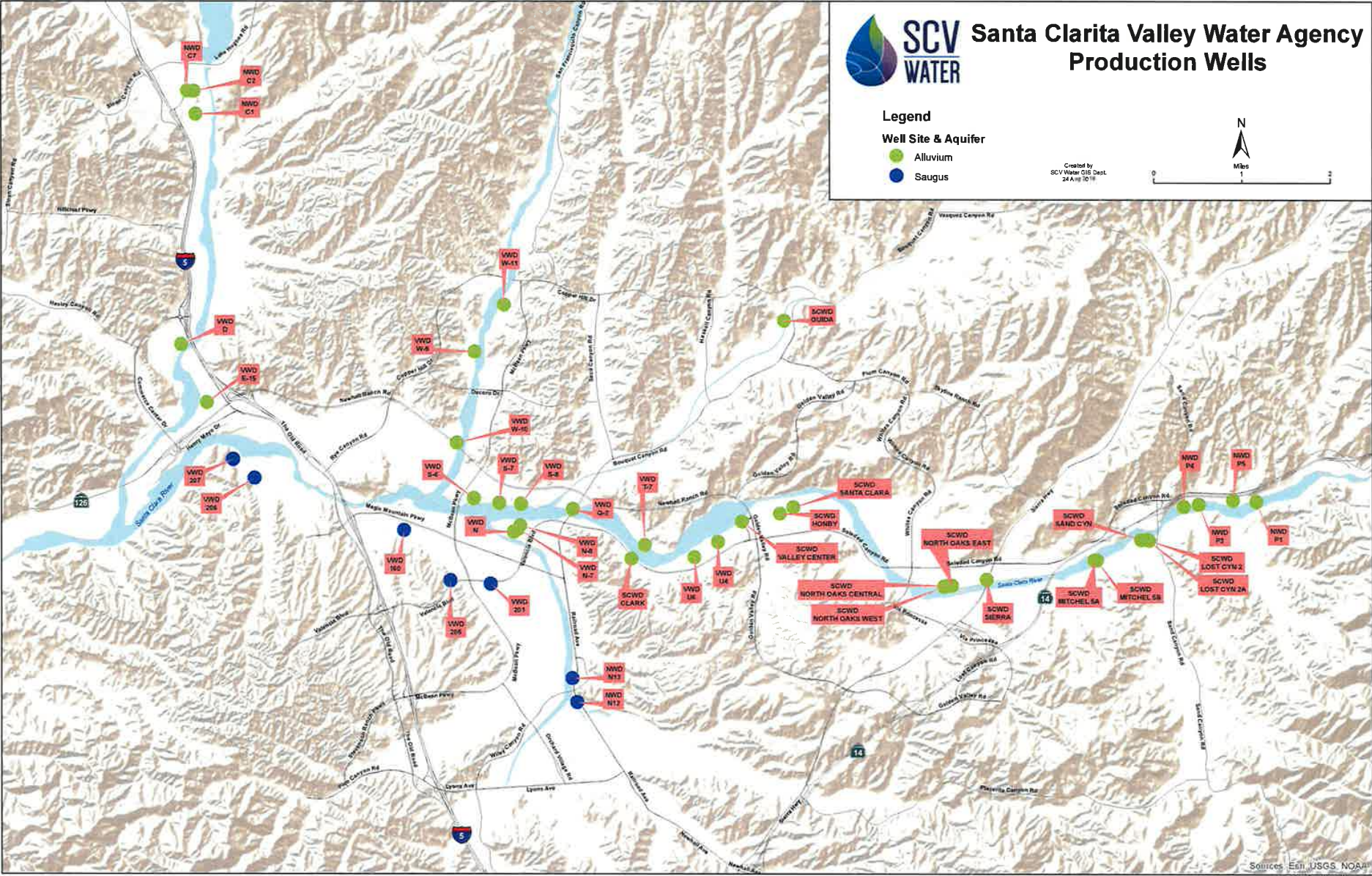
# Santa Clarita Valley Water Agency Production Wells

### Legend

#### Well Site & Aquifer

- Alluvium
- Saugus

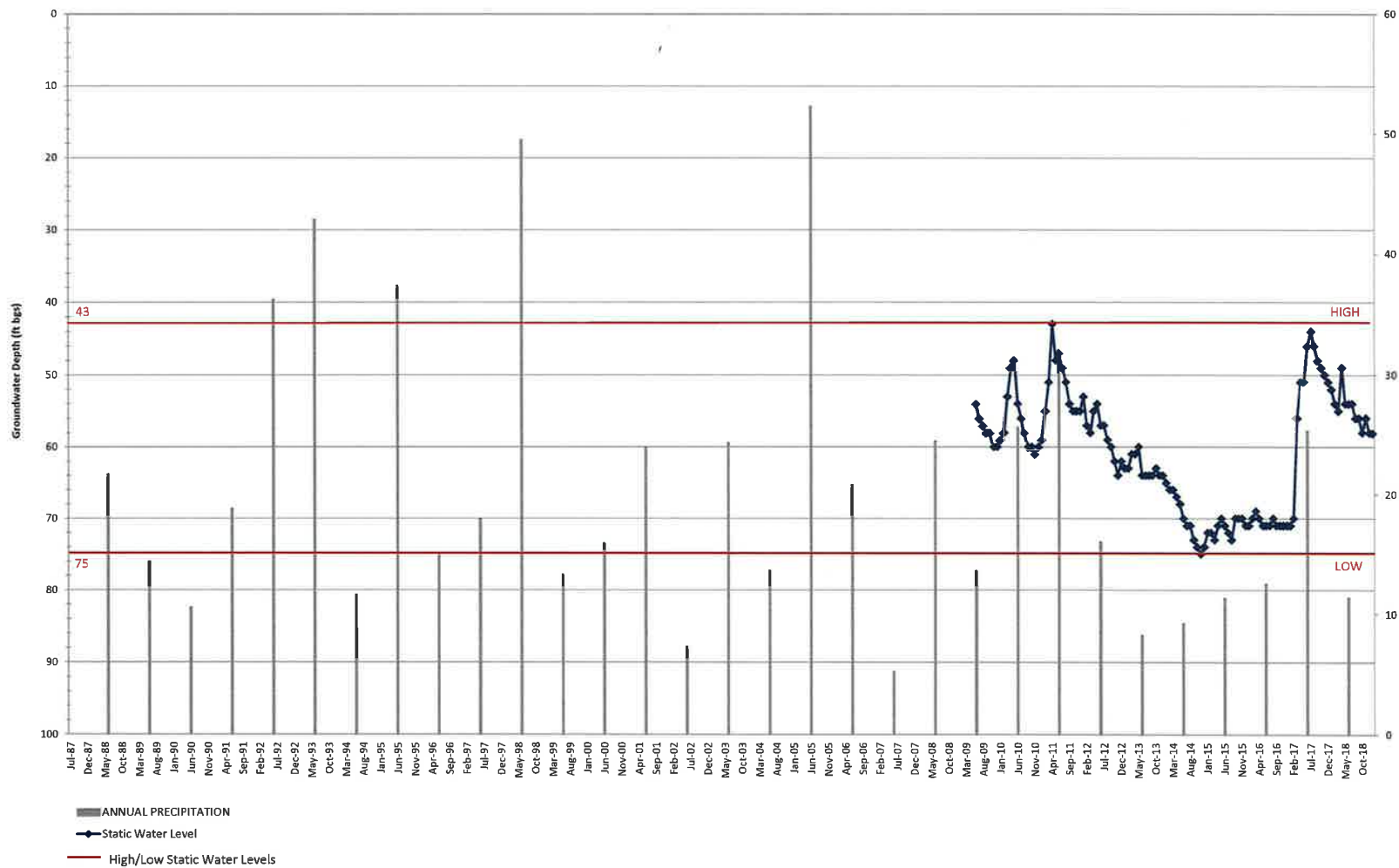
Created by  
SCV Water GIS Dept.  
24 APR 2018



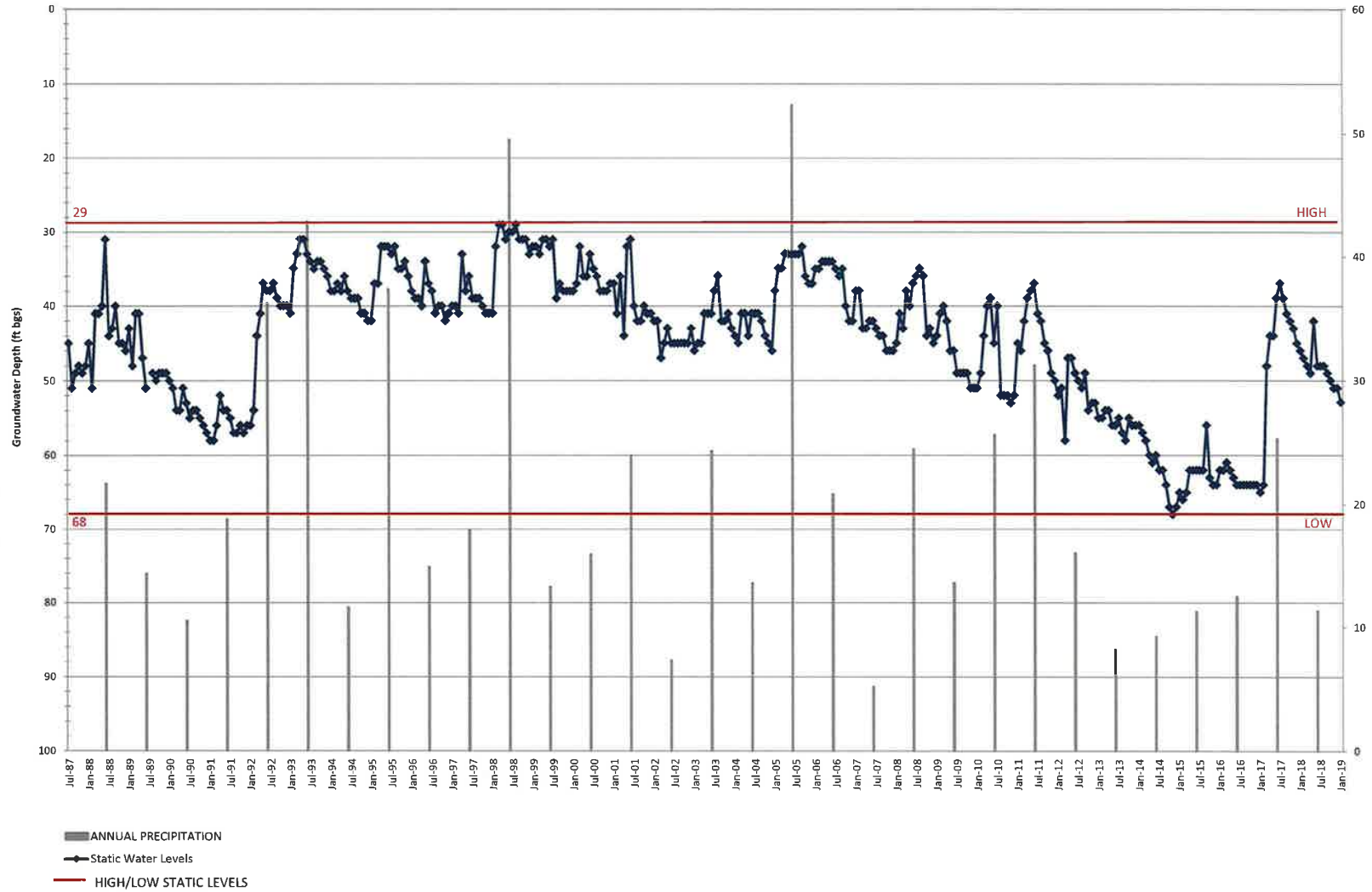
Sources: Esri, USGS, NOAA

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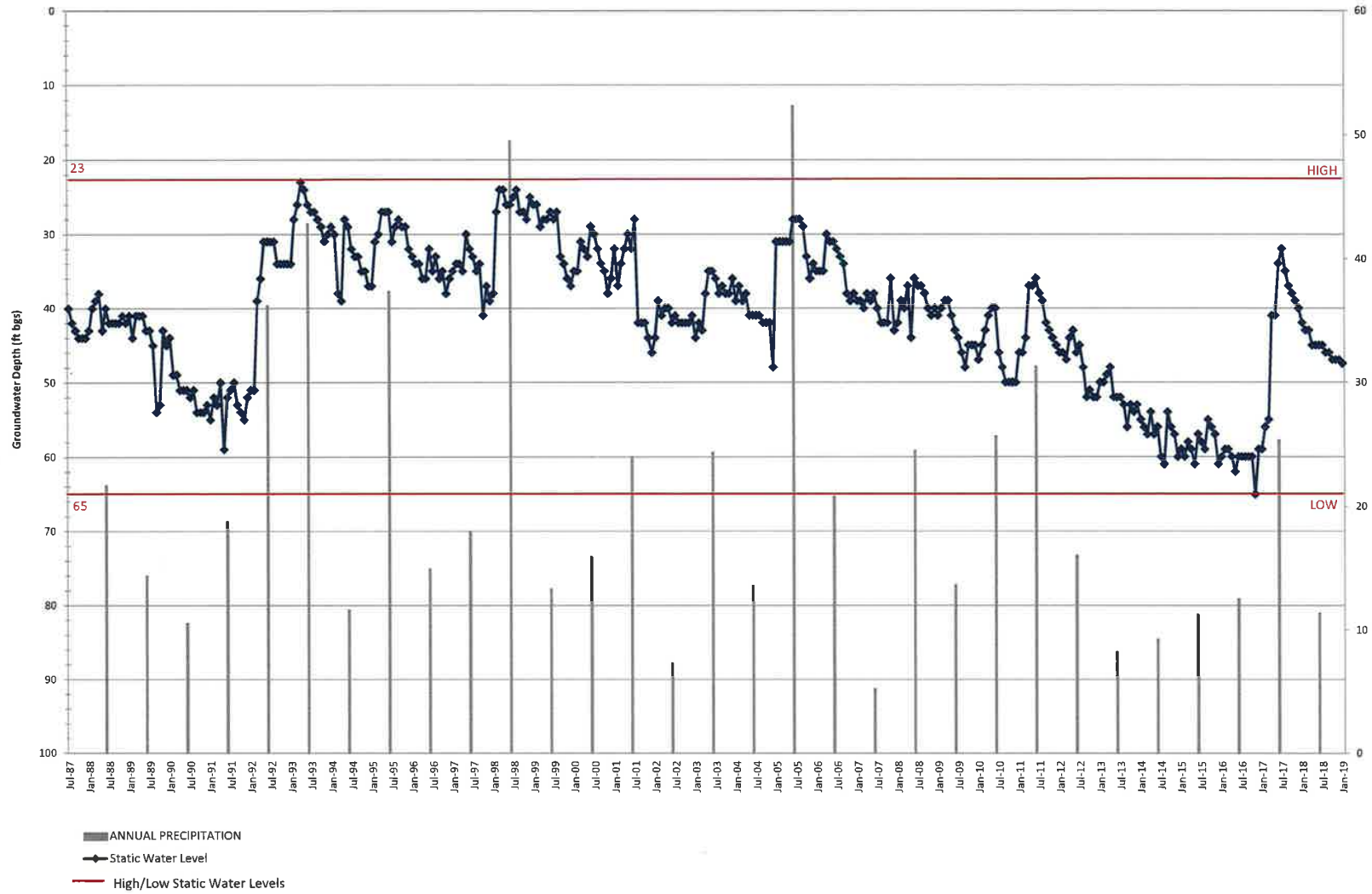
**SCV WATER WELL C7**  
**STATIC WATER LEVEL VS PRECIPITATION**



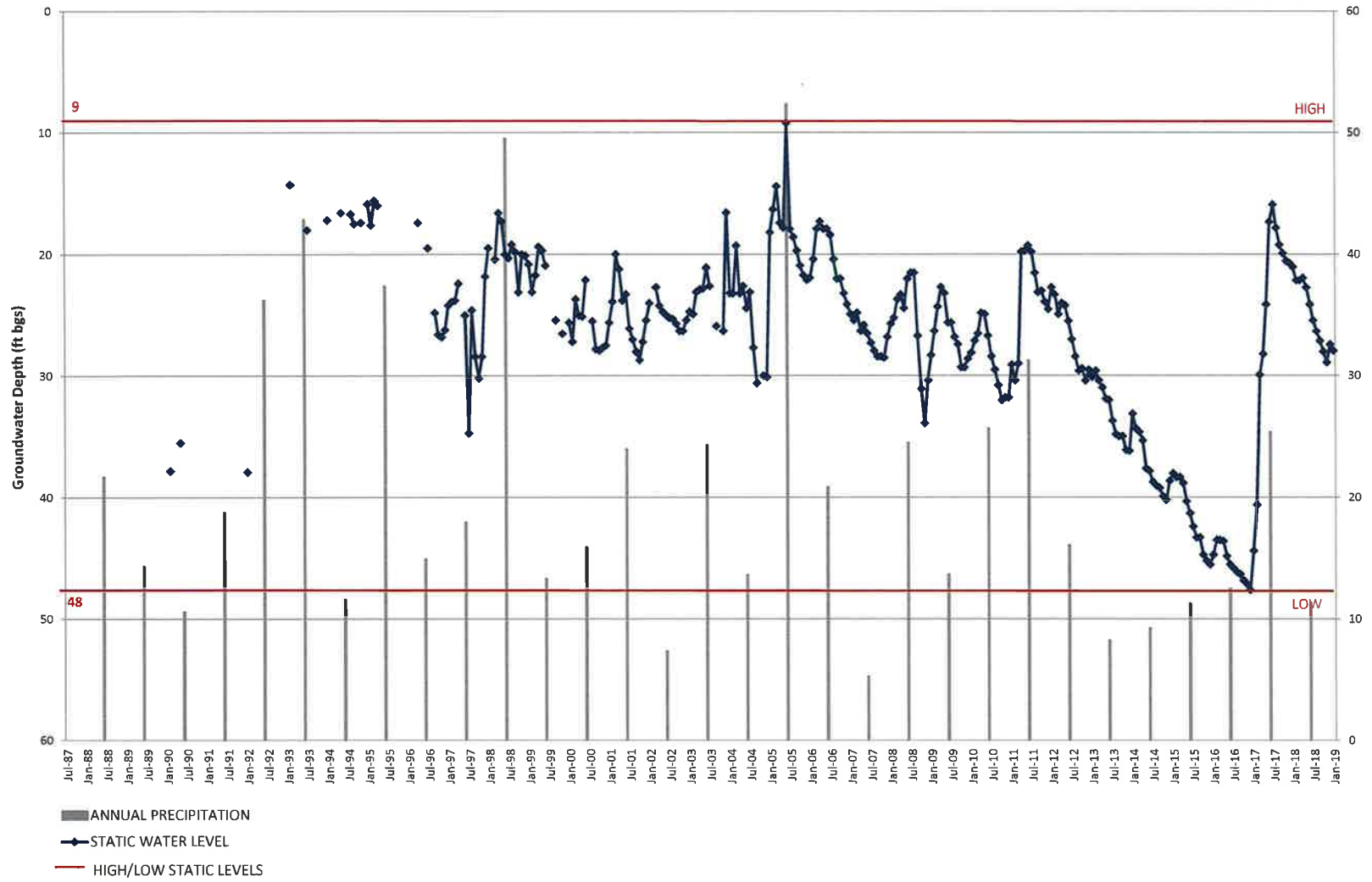
**SCV WATER WELL C2**  
 STATIC WATER LEVEL VS PRECIPITATION



**SCV WATER WELL C1**  
 STATIC WATER LEVEL VS PRECIPITATION

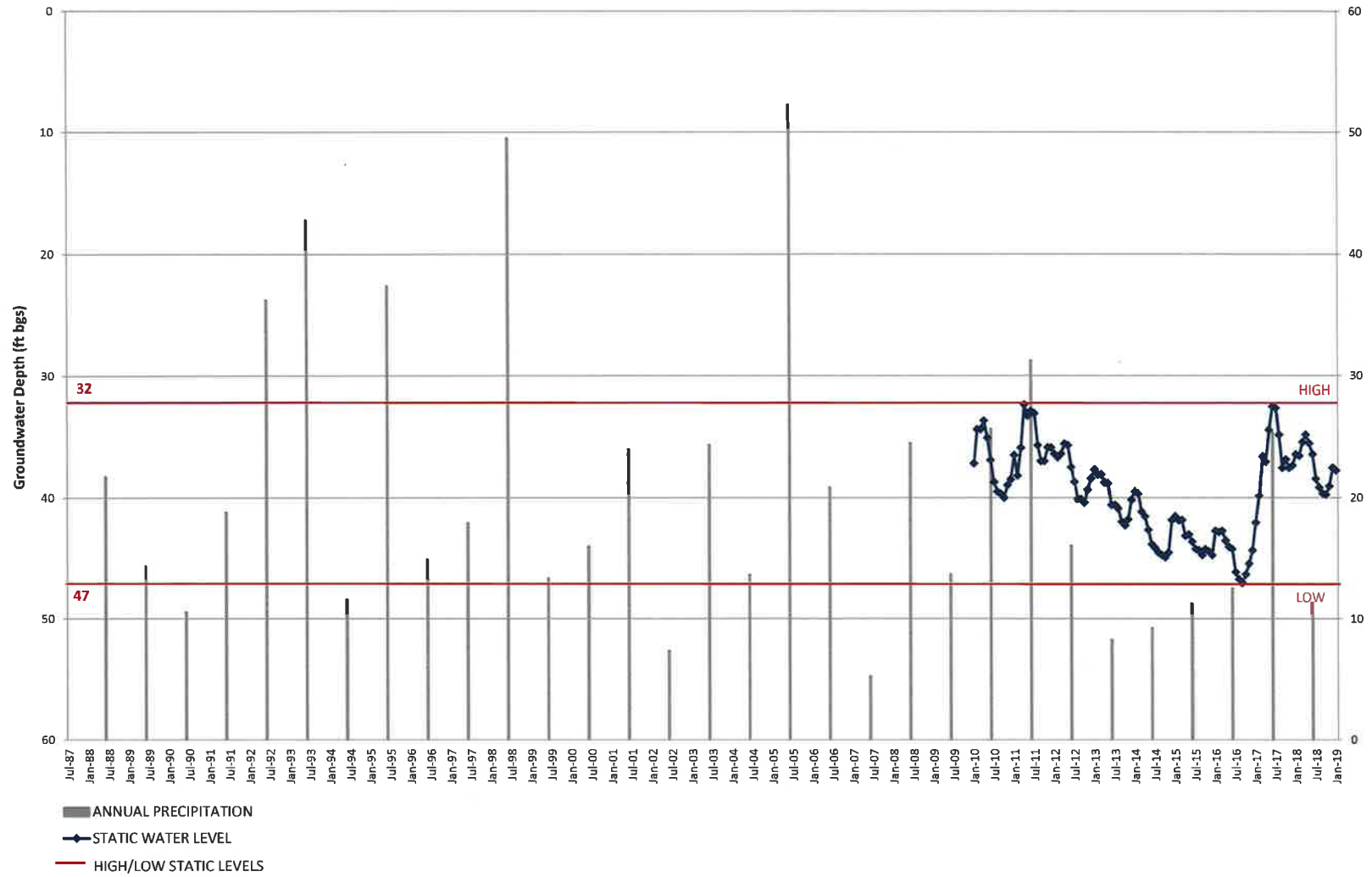


**SCV WATER WELL D**  
**STATIC WATER LEVEL VS PRECIPITATION**

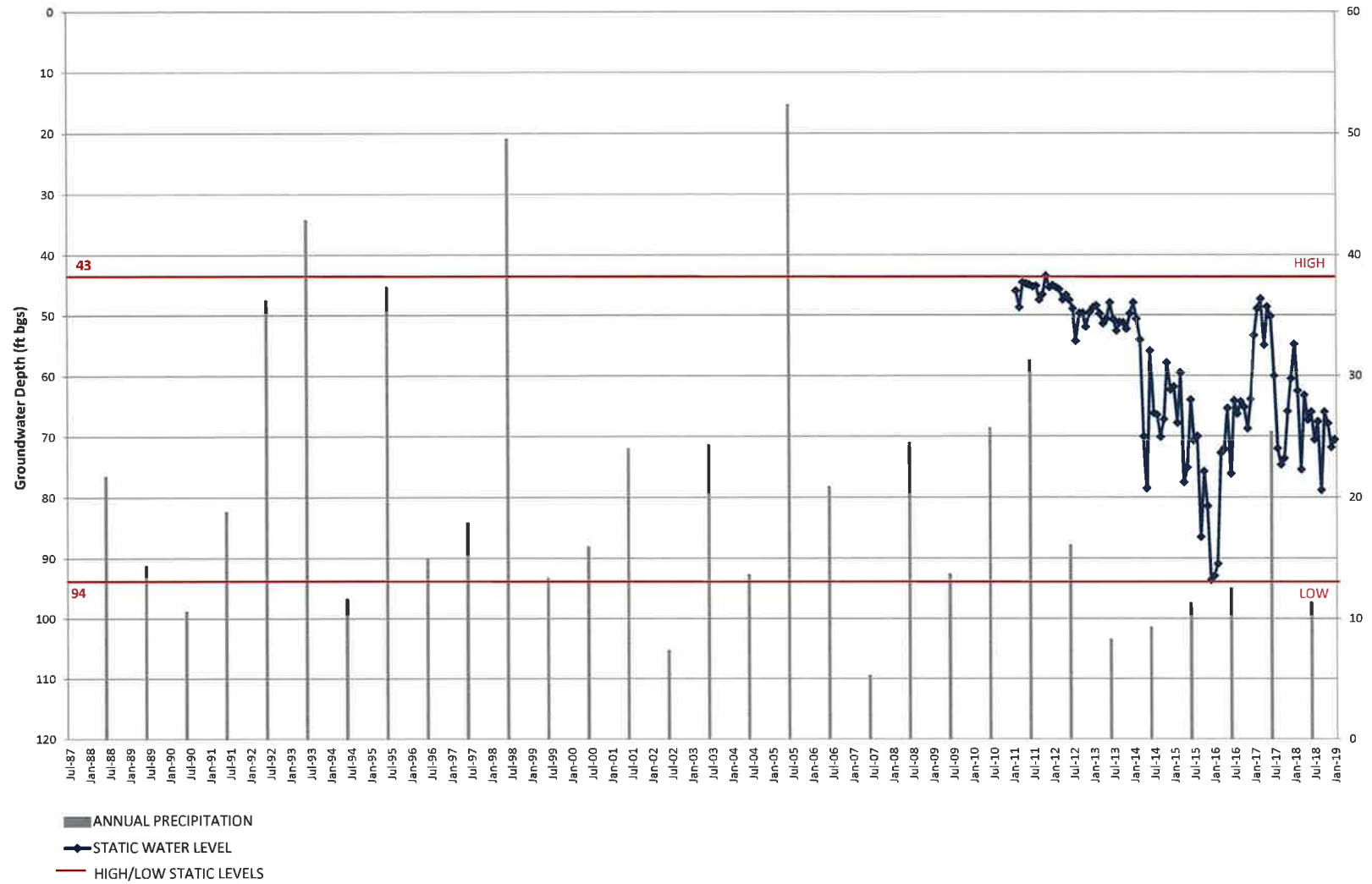




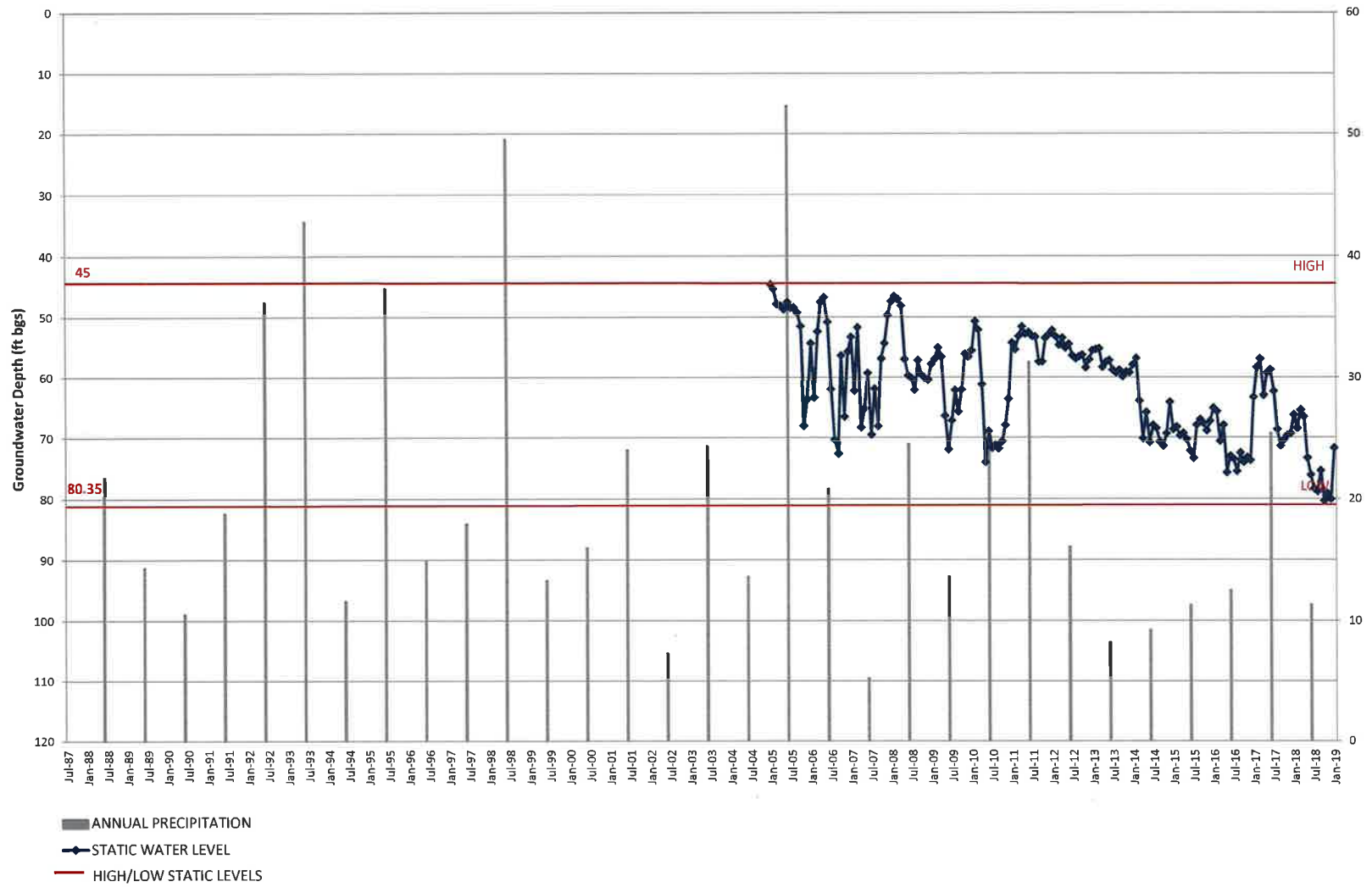
**SCV WATER WELL E15**  
 STATIC WATER LEVEL VS. PRECIPITATION



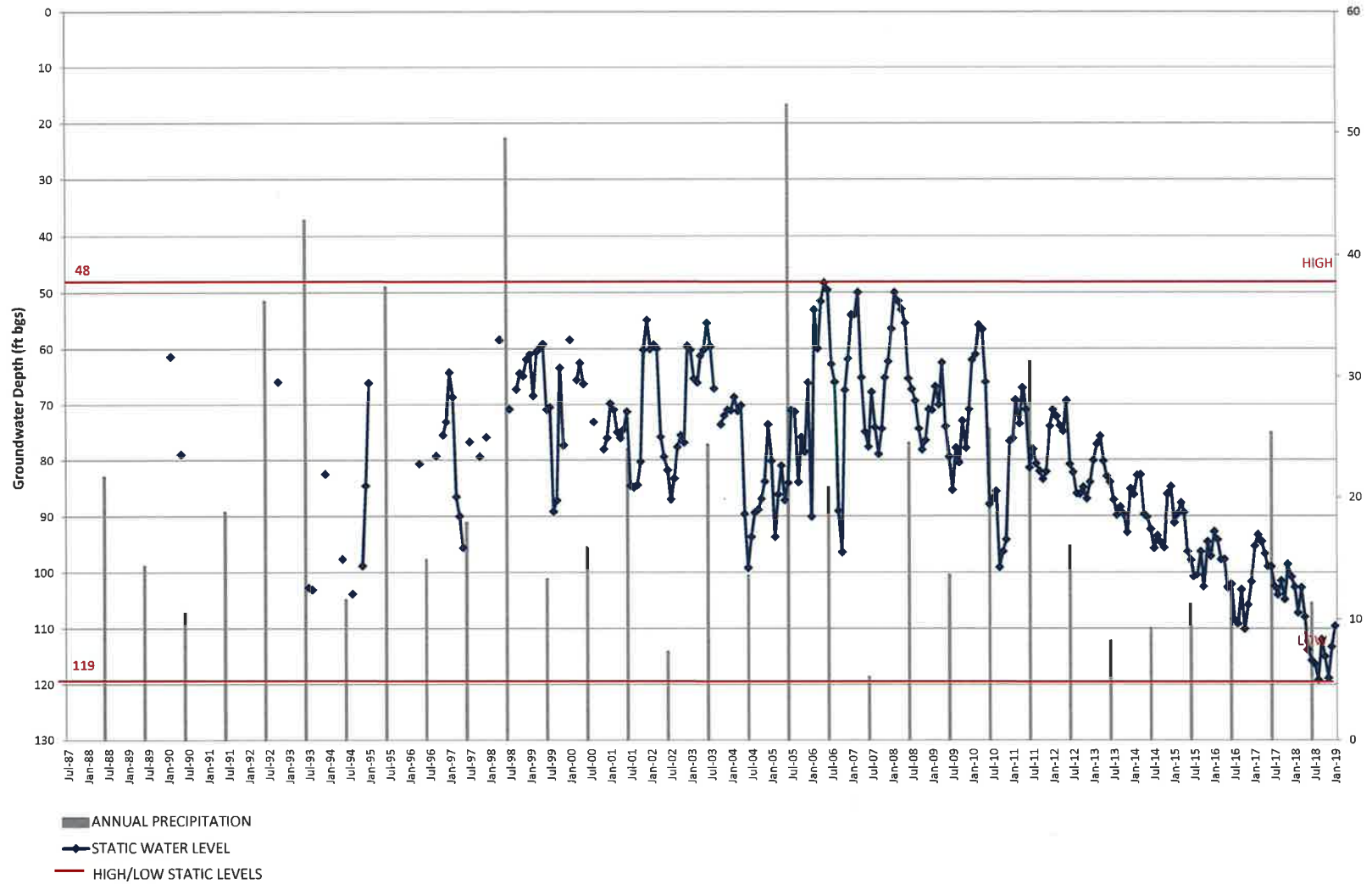
**SCV WATER WELL 207**  
**STATIC WATER LEVEL VS PRECIPITATION**



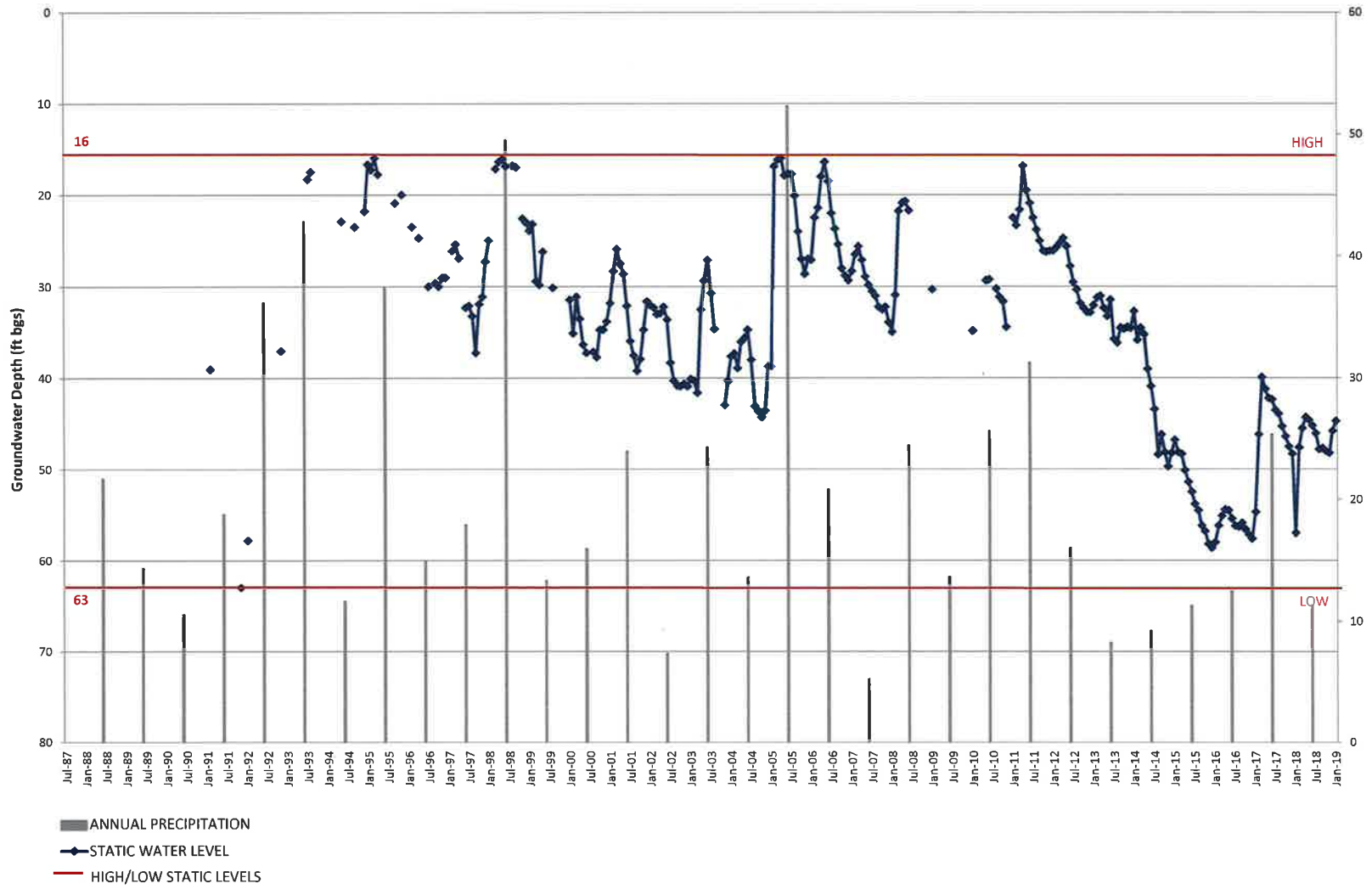
**SCV WATER WELL 206**  
**STATIC WATER LEVEL VS PRECIPITATION**



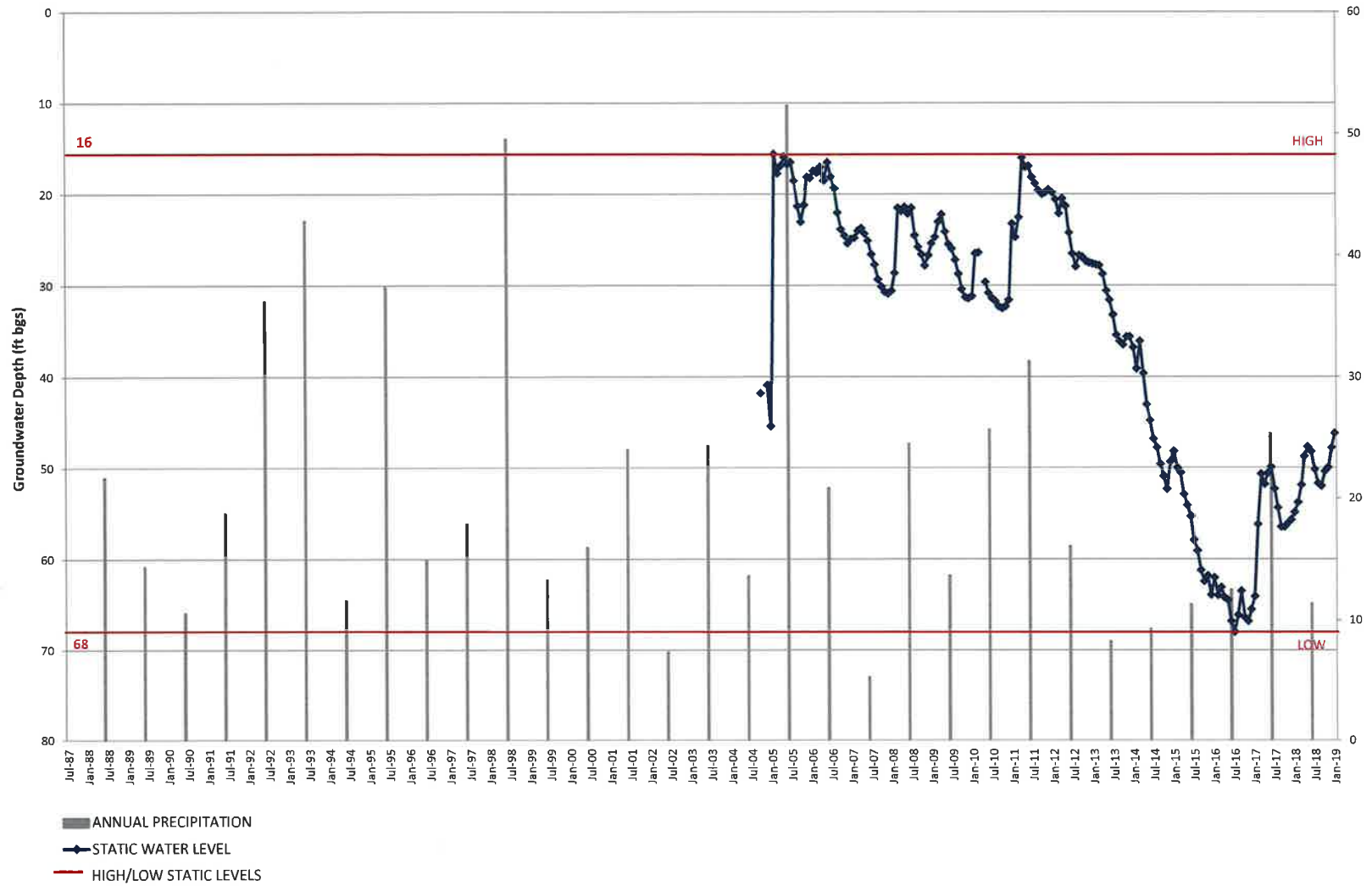
**SCV WATER WELL 160**  
**STATIC WATER LEVEL VS PRECIPITATION**



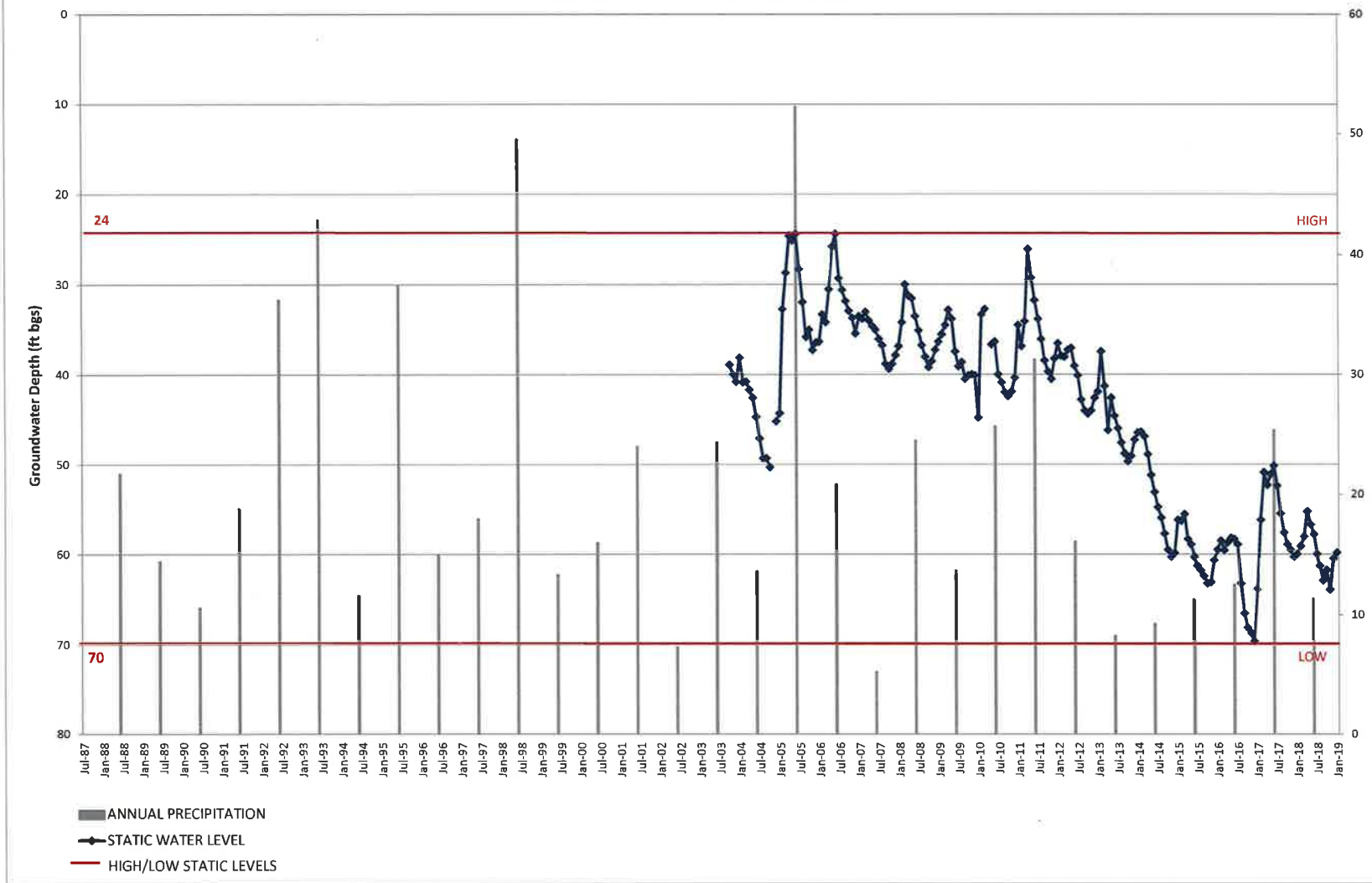
**SCV WATER WELL W9**  
**STATIC WATER LEVEL VS PRECIPITATION**



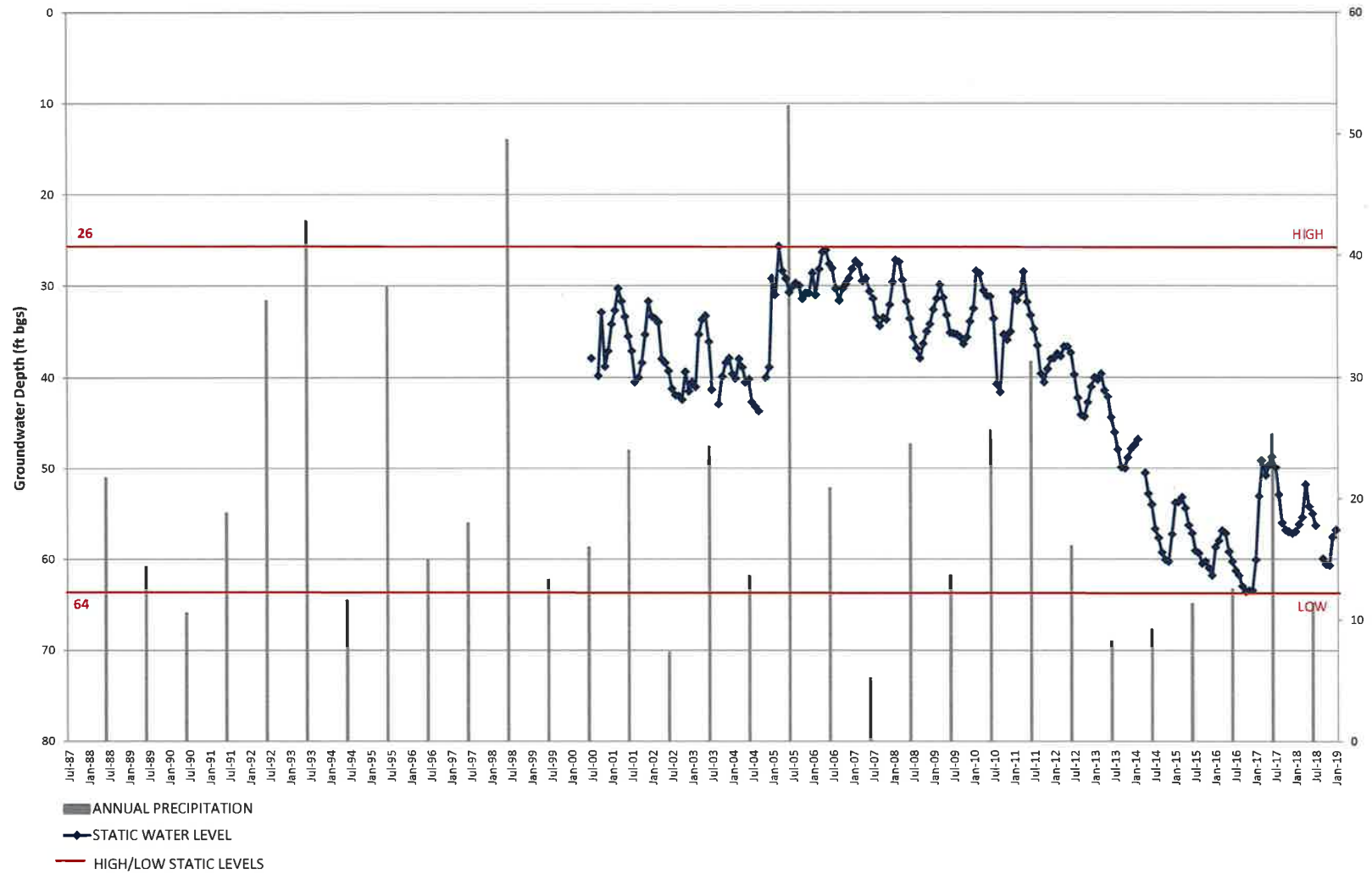
**SCV WATER WELL W11**  
**STATIC WATER LEVEL PRECIPITATION**



**SCV WATER WELL W10**  
**STATIC WATER LEVEL VS PRECIPITATION**

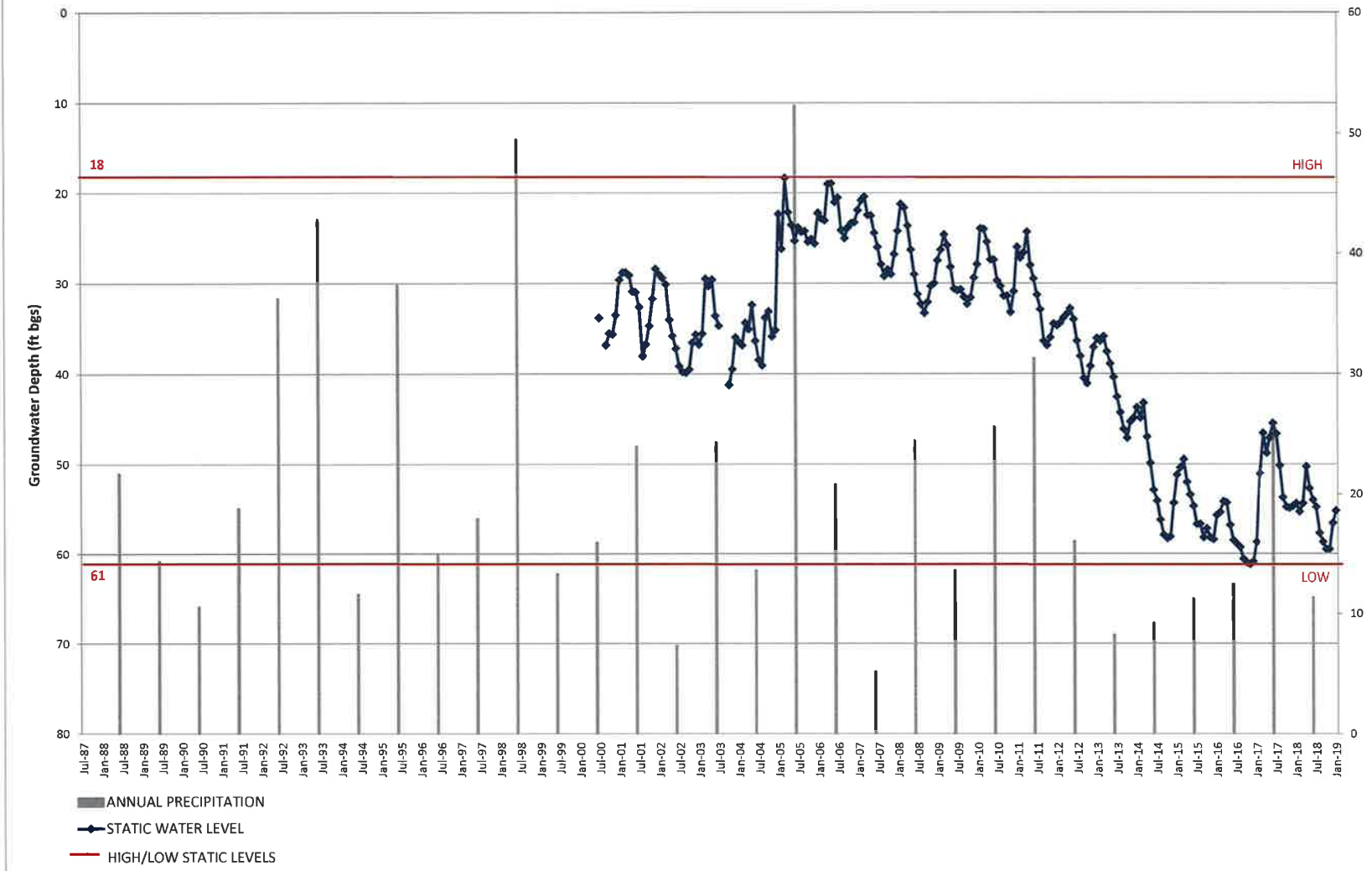


**SCV WATER WELL S6**  
**STATIC WATER LEVEL VS PRECIPITATION**

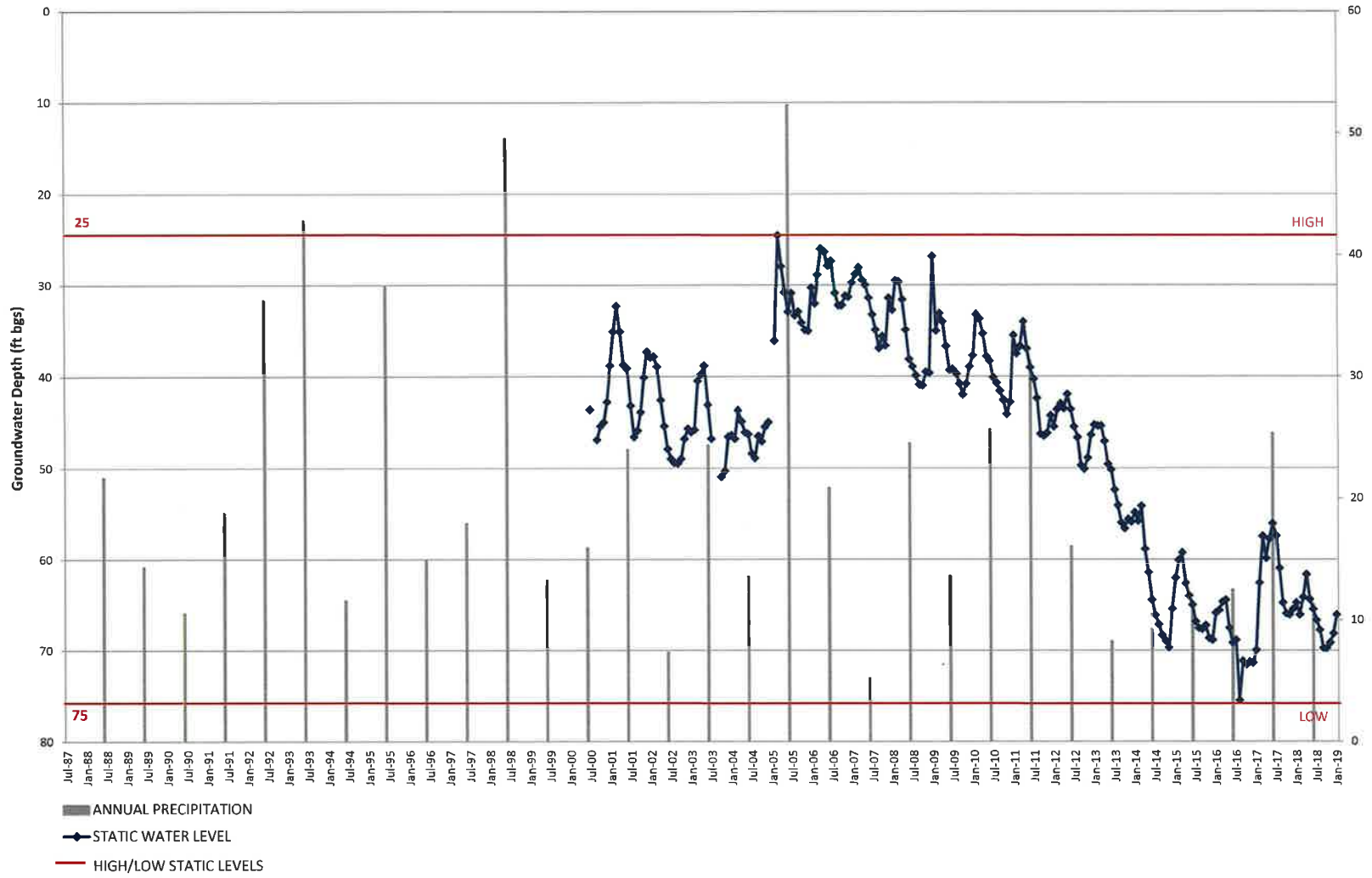




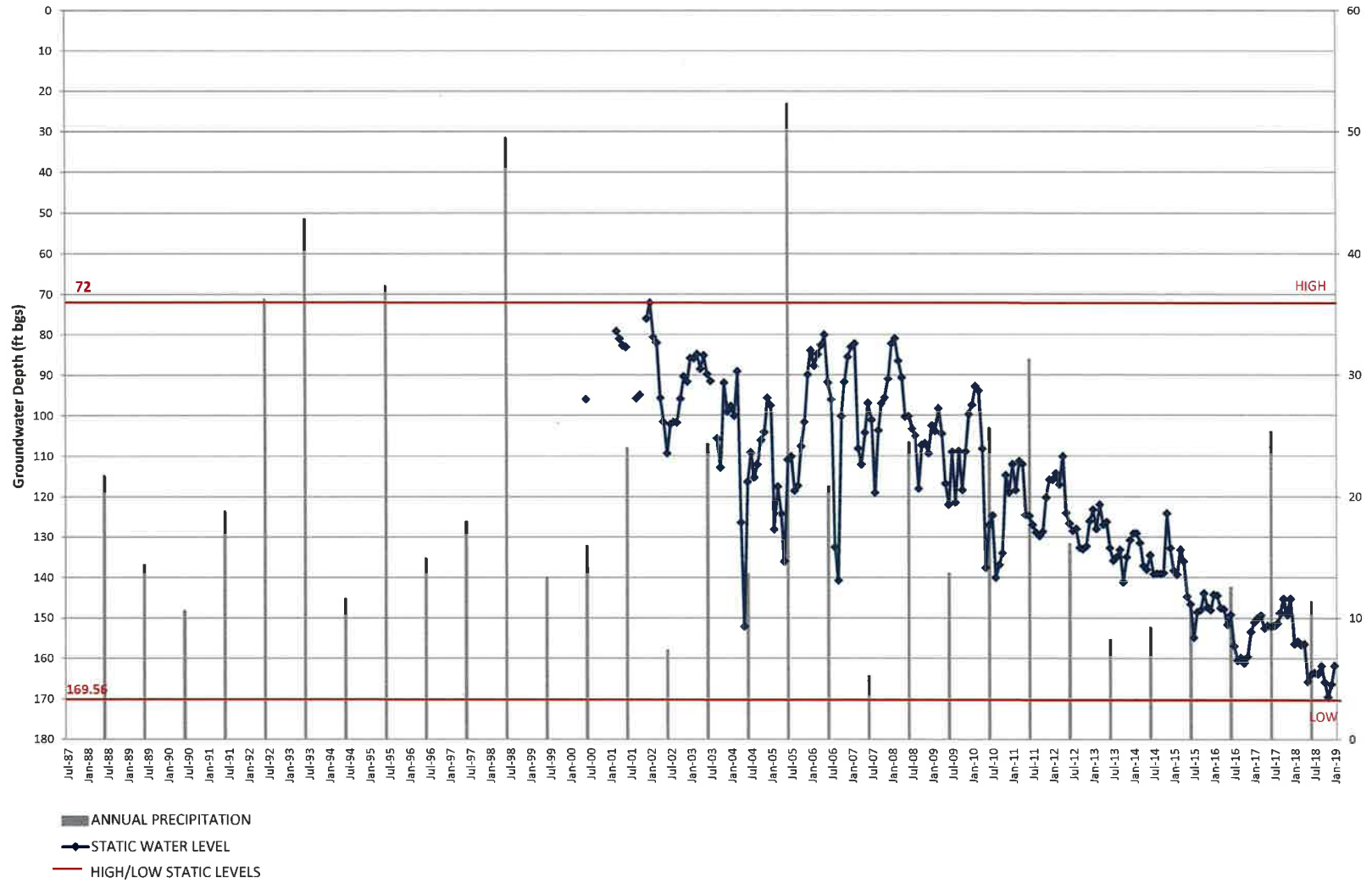
**SCV WATER WELL S7**  
**STATIC WATER LEVEL VS PRECIPITATION**



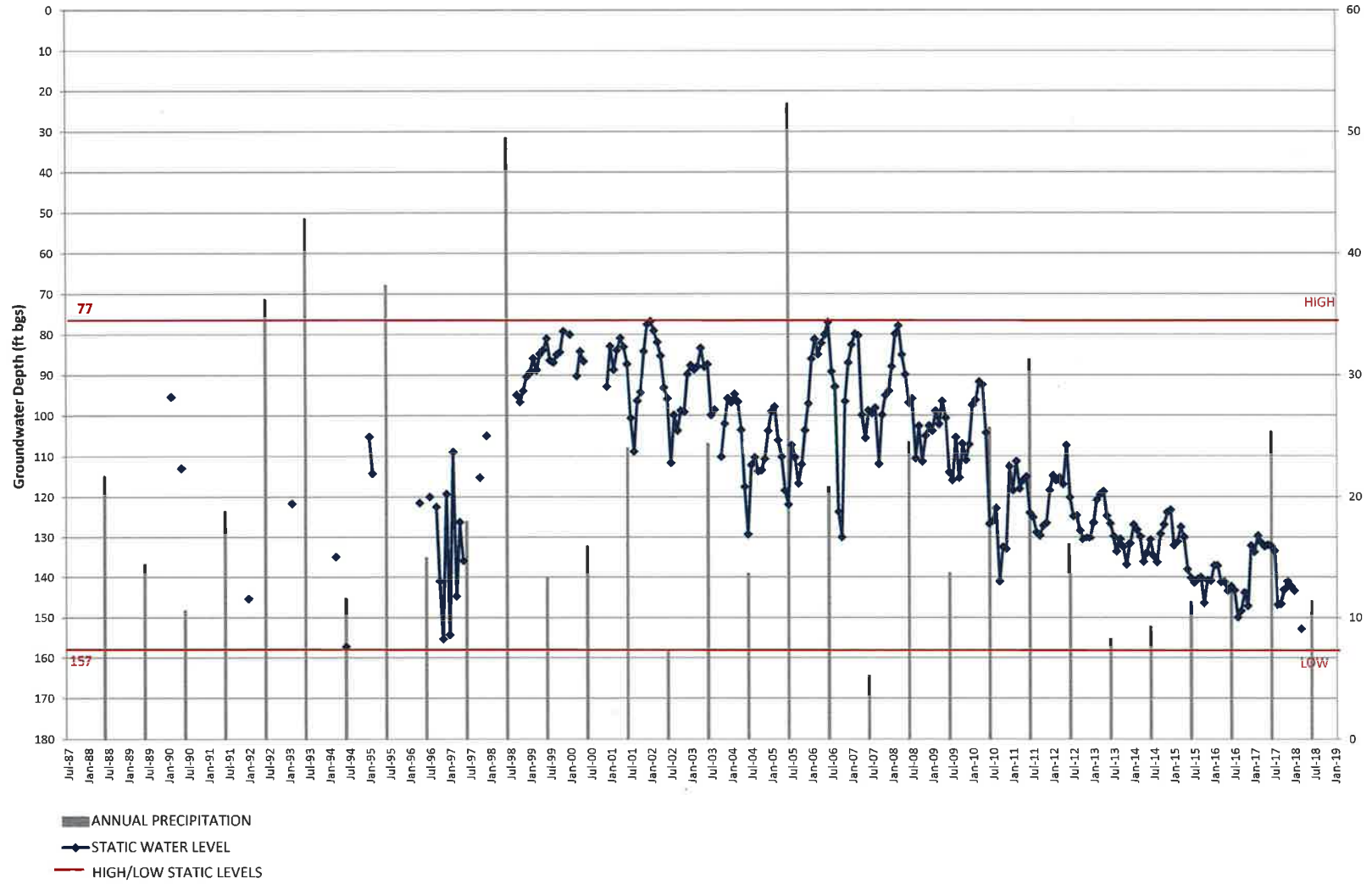
**SCV WATER WELL S8**  
 STATIC WATER LEVEL VS PRECIPITATION



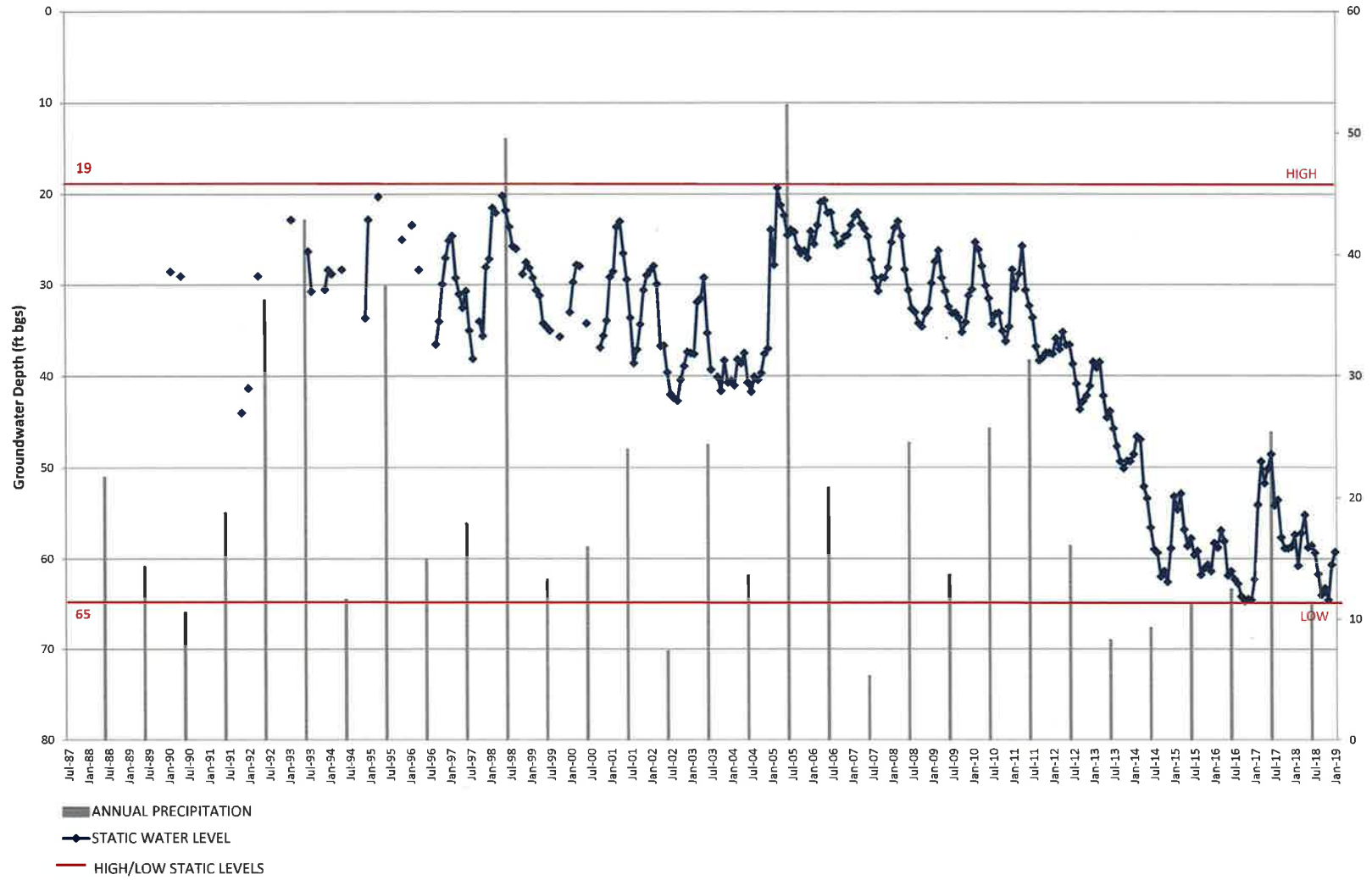
**SCV WATER WELL 205**  
**STATIC WATER LEVEL VS PRECIPITATION**



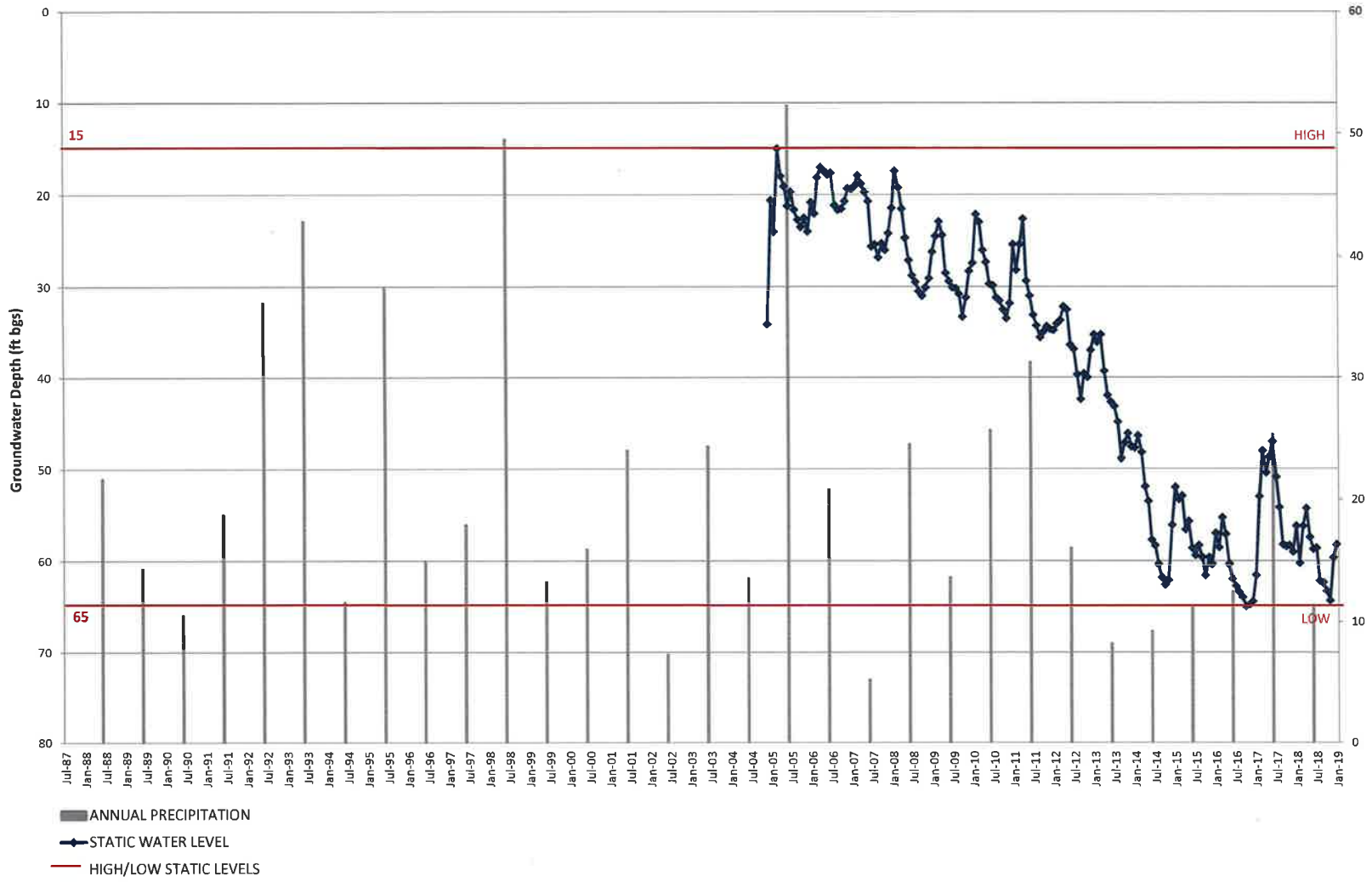
**SCV WATER WELL 201**  
**STATIC WATER LEVEL VS PRECIPITATION**



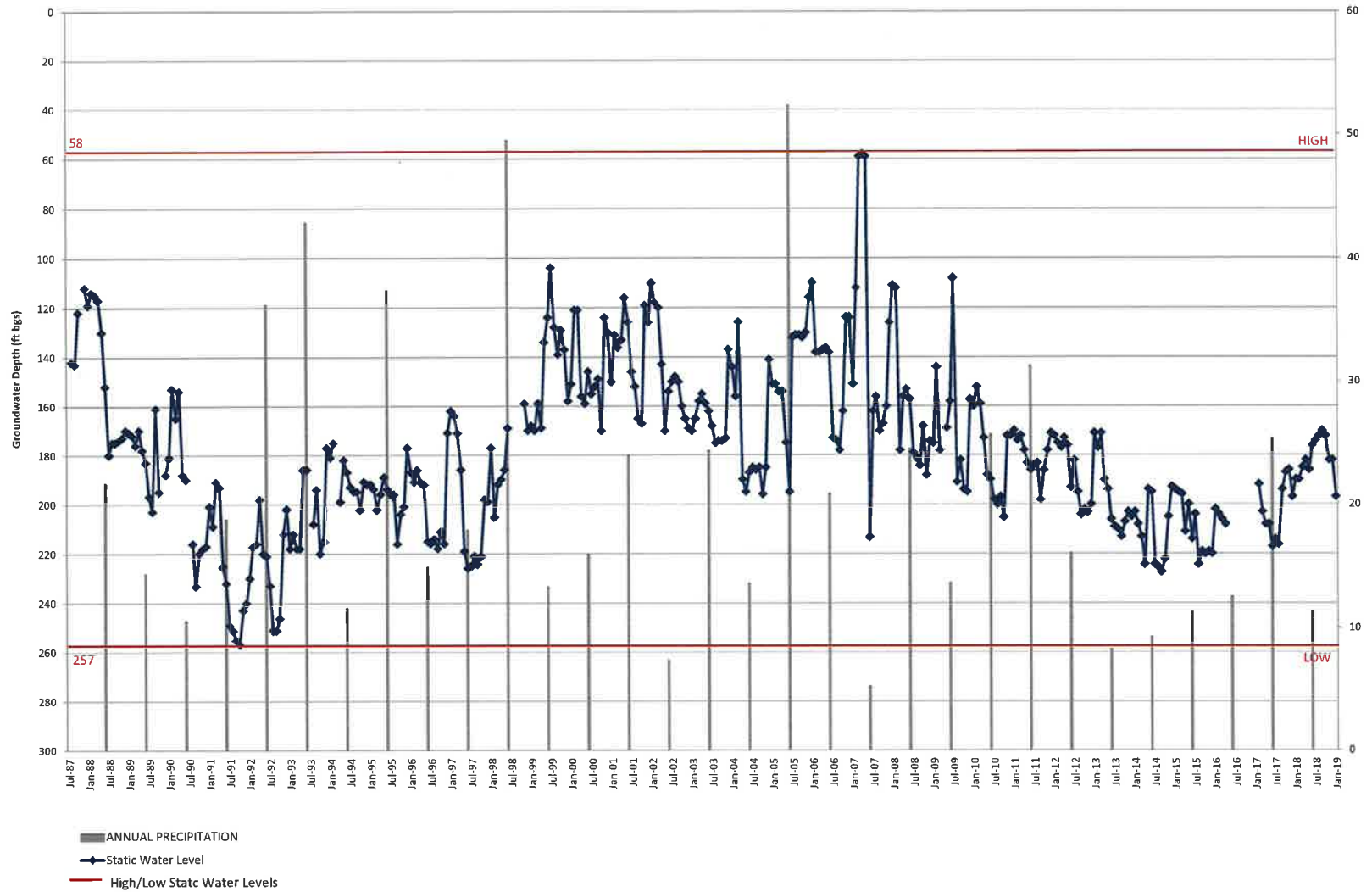
**SCV WATER WELL N**  
 STATIC WATER LEVEL VS PRECIPITATION



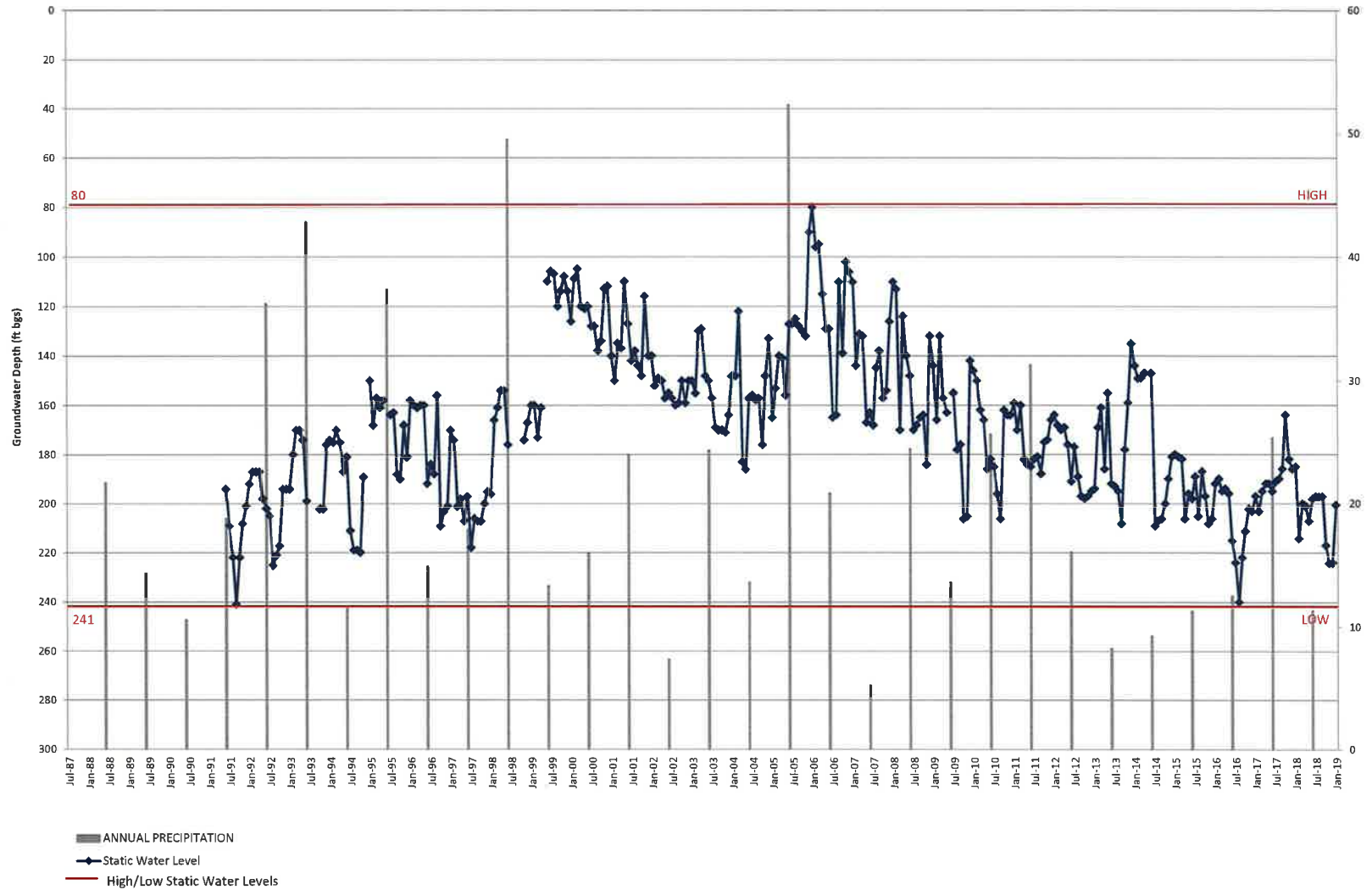
**SCV WATER WELL N7**  
**STATIC WATER LEVEL VS PRECIPITATION**



**SCV WATER WELL N12**  
 STATIC WATER LEVEL VS PRECIPITATION

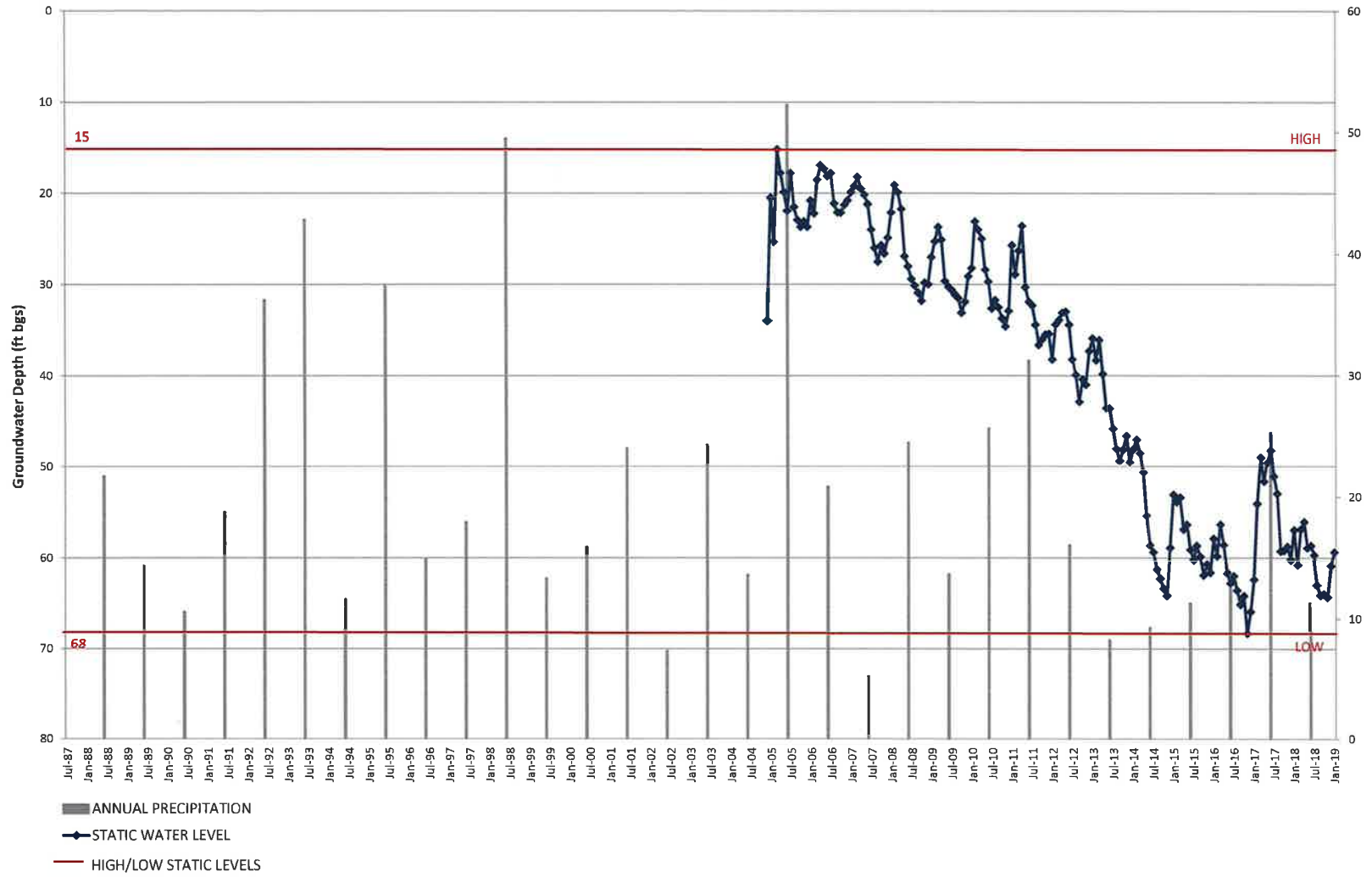


**SCV WATER WELL N13**  
 STATIC WATER LEVEL VS PRECIPITATION

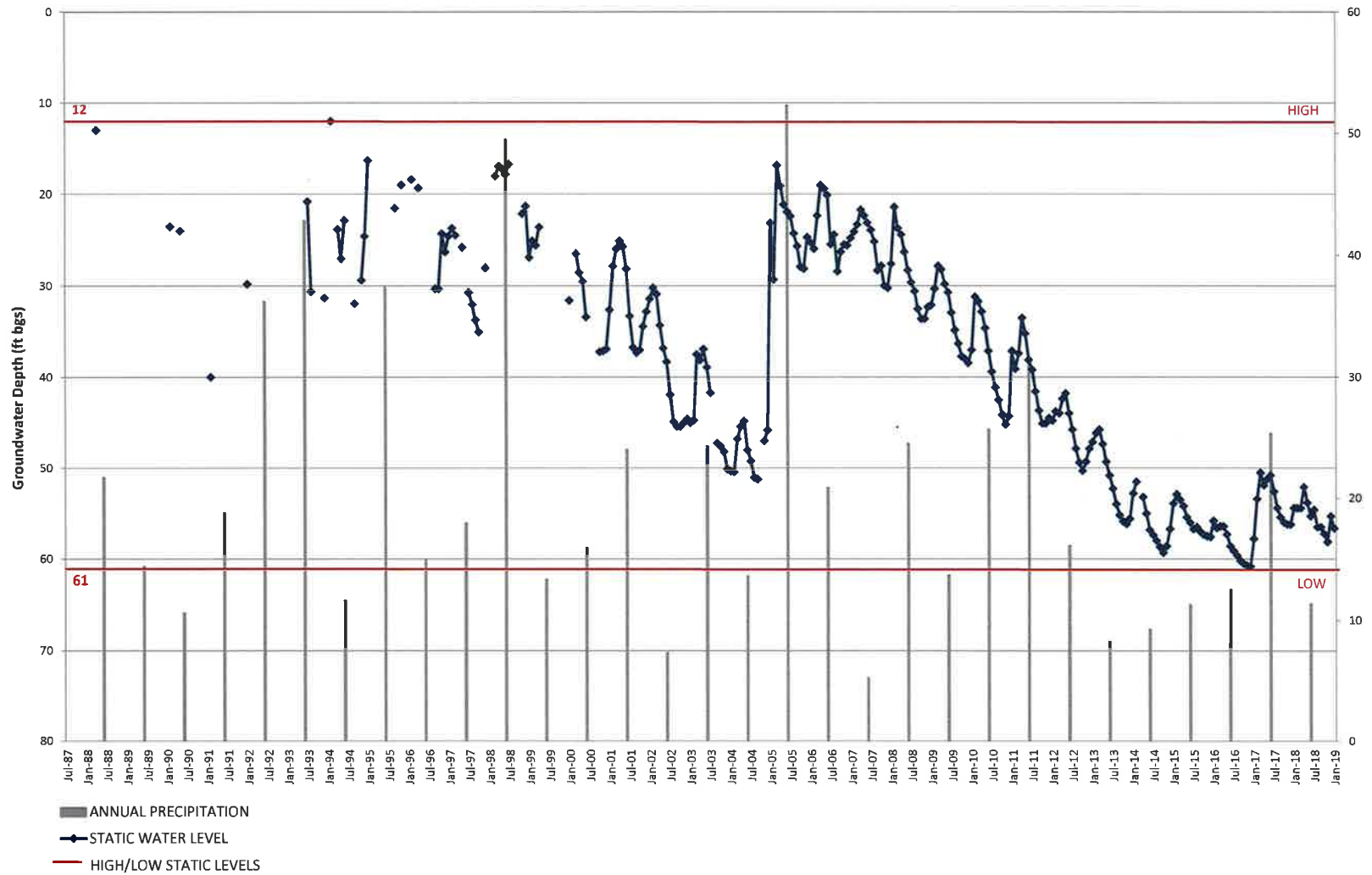




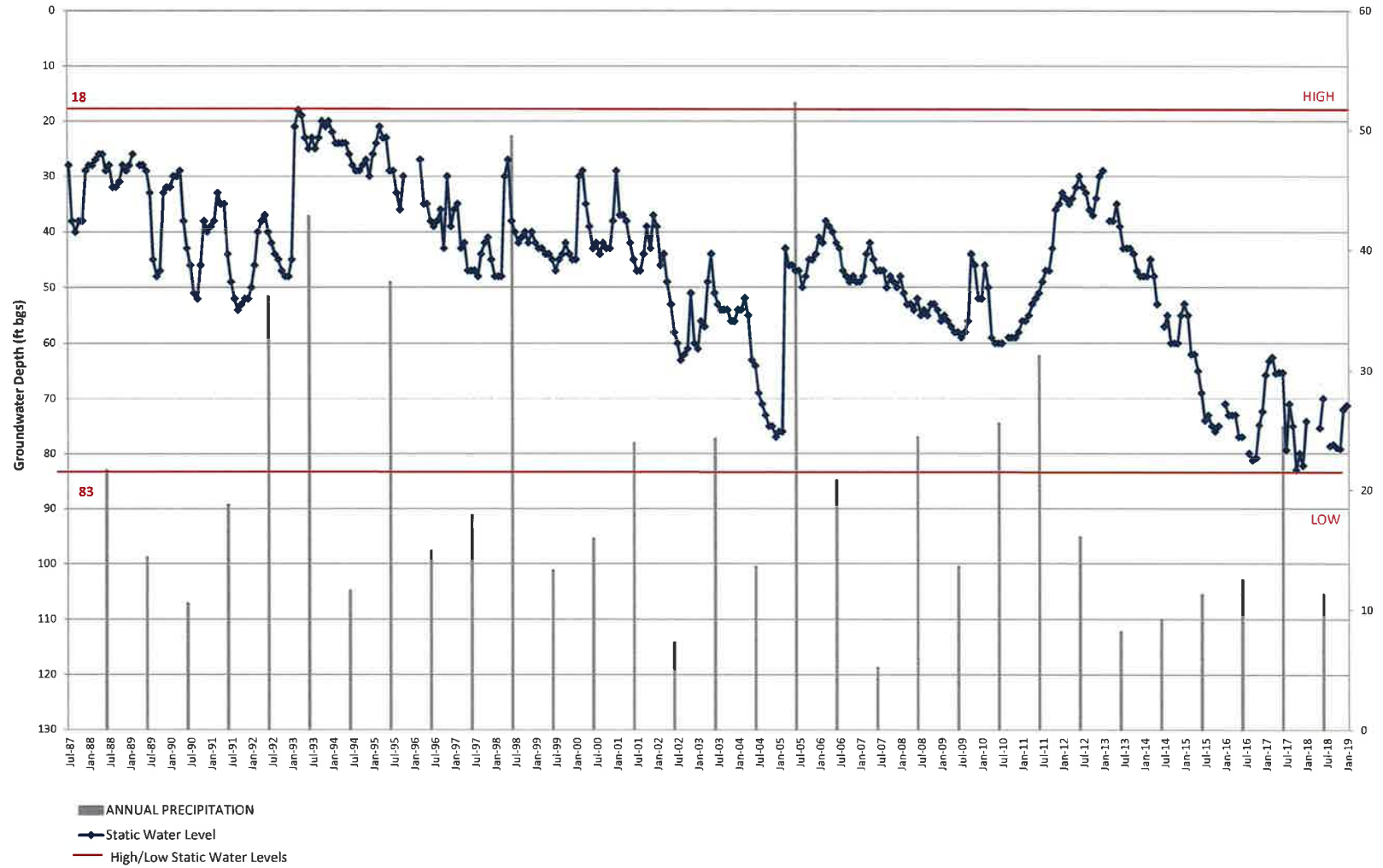
**SCV WATER WELL N8**  
 STATIC WATER LEVEL VS PRECIPITATION



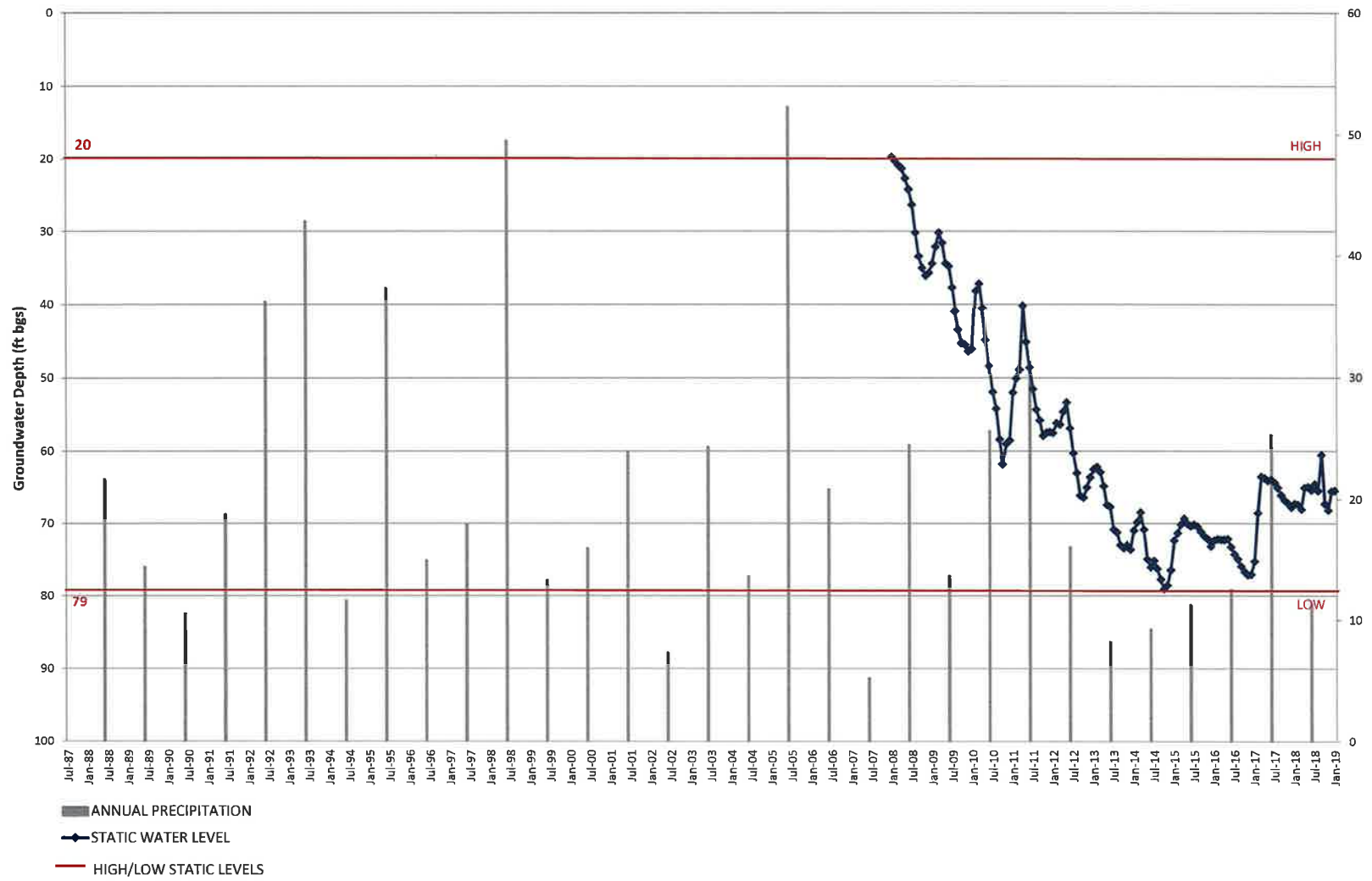
**SCV WATER WELL Q2**  
**STATIC WATER LEVEL VS PRECIPITATION**



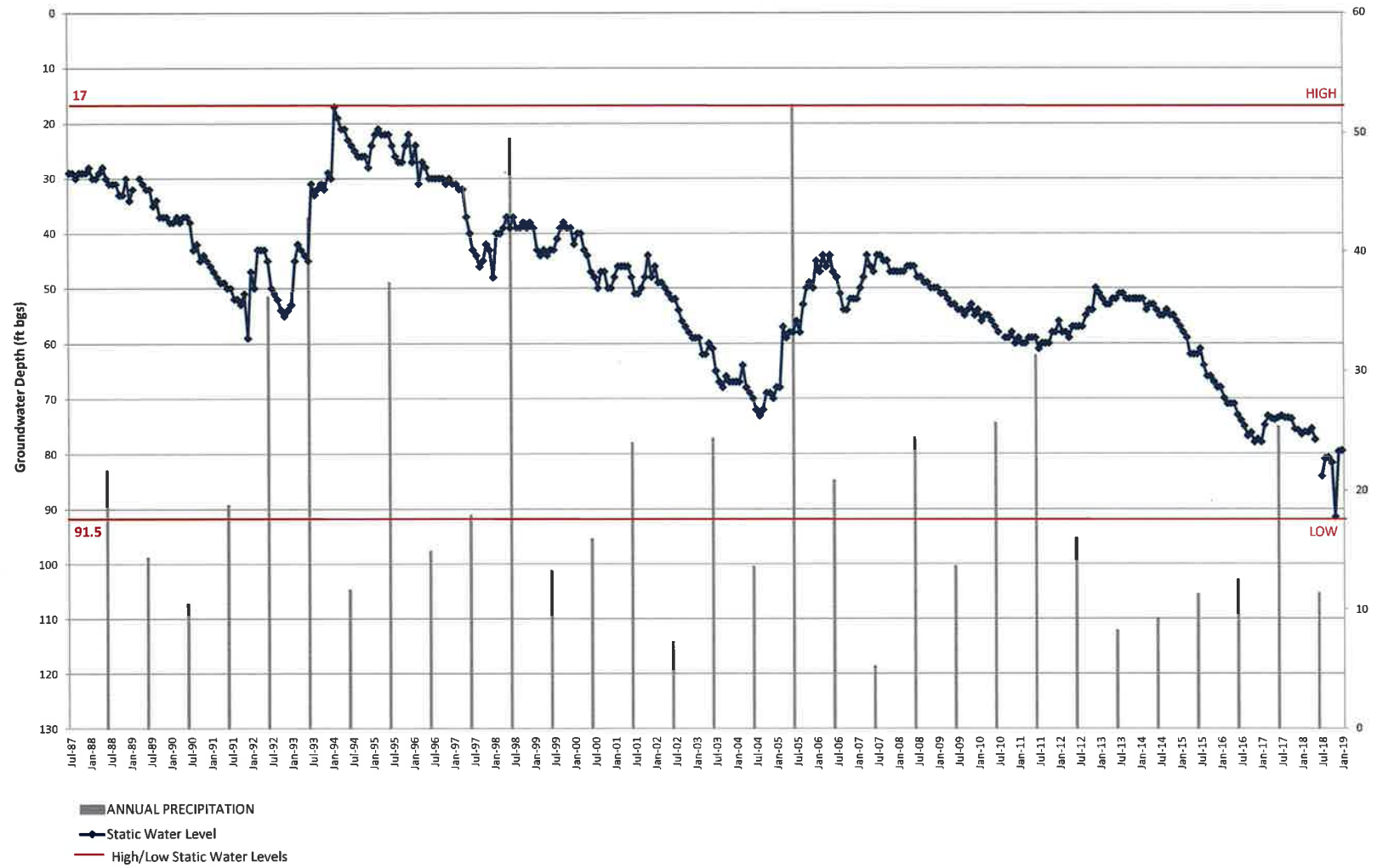
**SCV WATER WELL GUIDA #14**  
**STATIC WATER LEVEL VS PRECIPITATION**



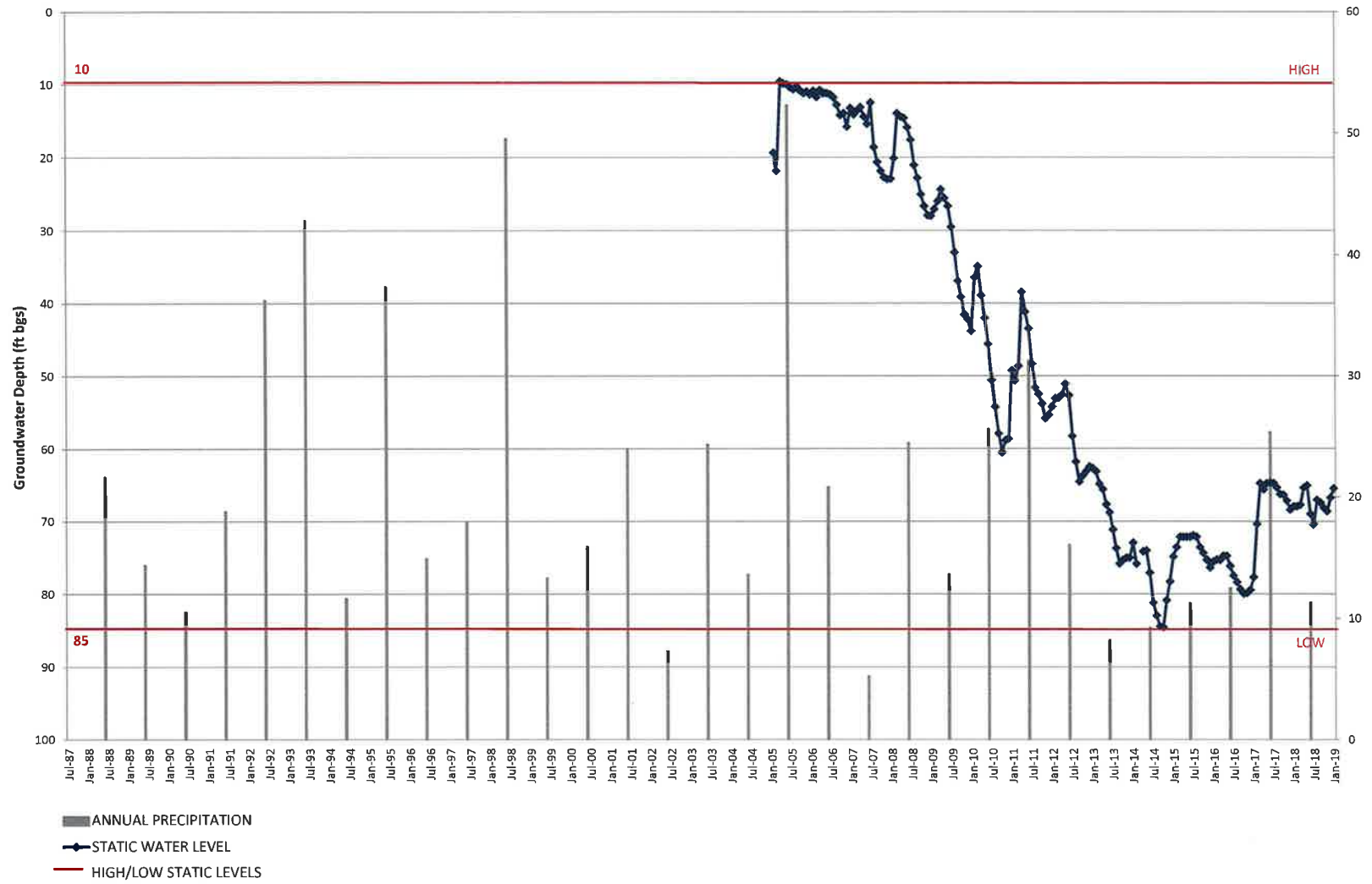
**SCV WATER WELL T7**  
**STATIC WATER LEVEL VS PRECIPITATION**



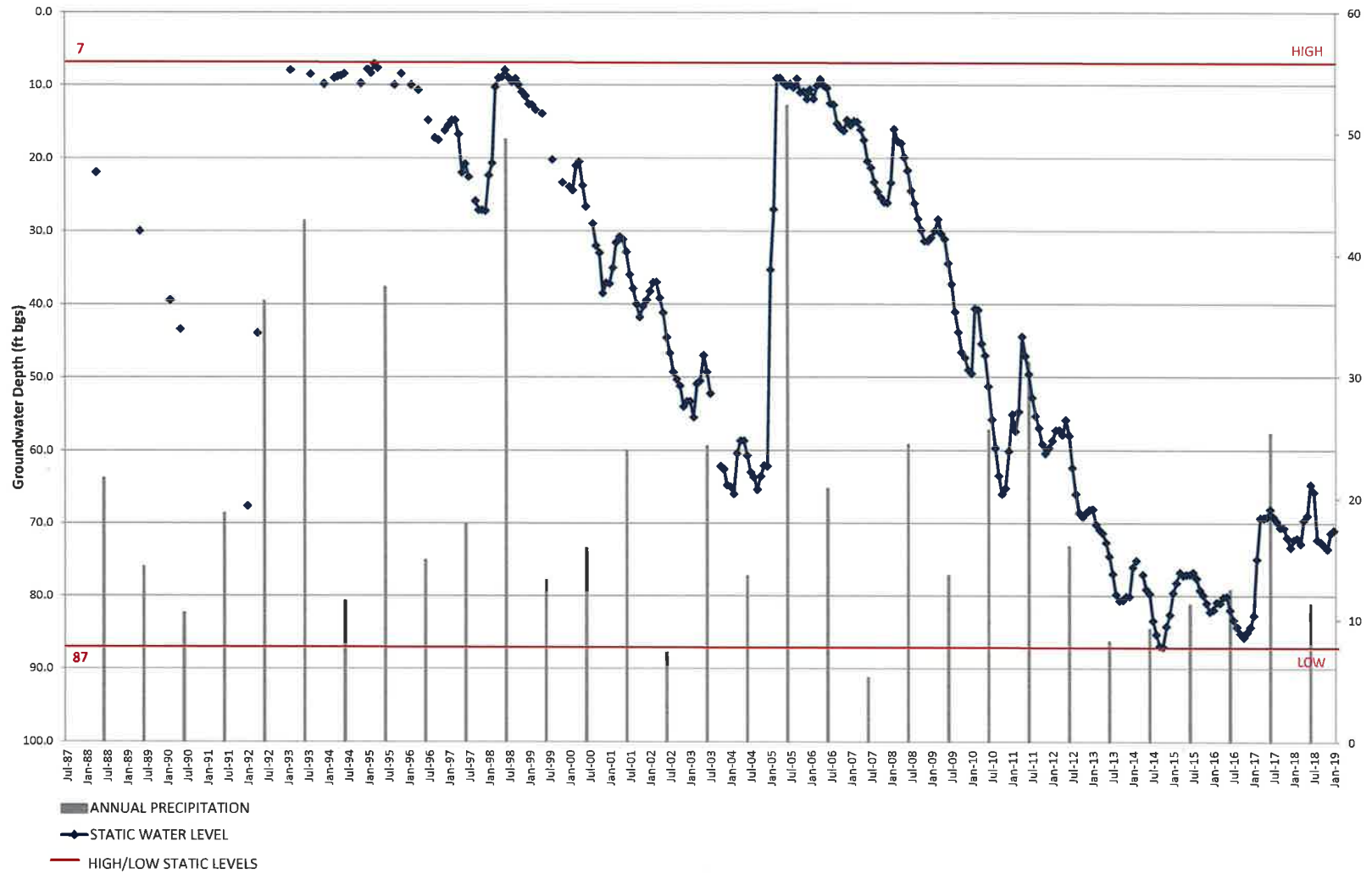
SCV WATER WELL CLARK #15  
 STATIC WATER LEVEL VS PRECIPITATION



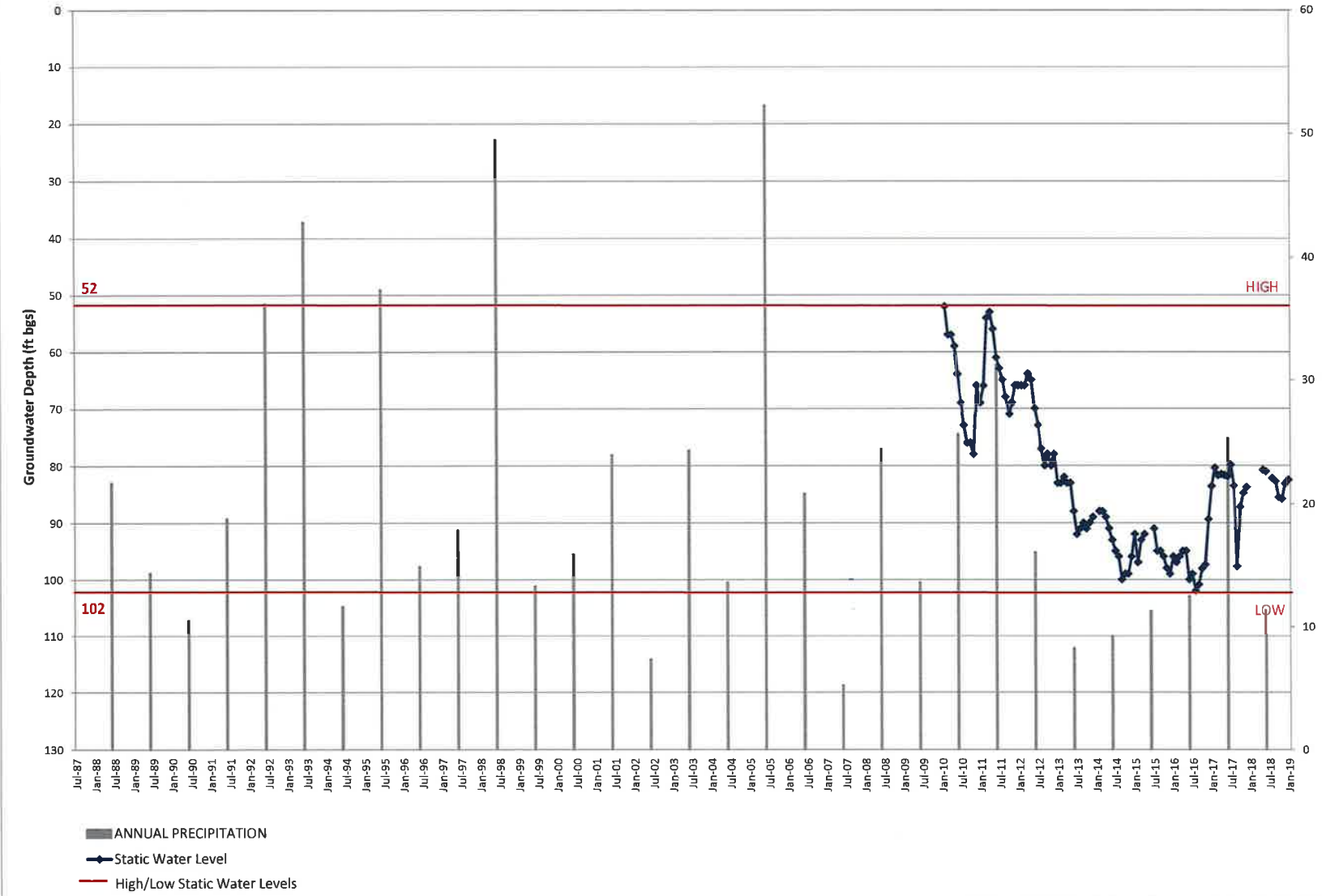
**SCV WATER WELL U6**  
**STATIC WATER LEVEL VS PRECIPITATION**



**SCV WATER WELL U4**  
 STATIC WATER LEVEL VS PRECIPITATION

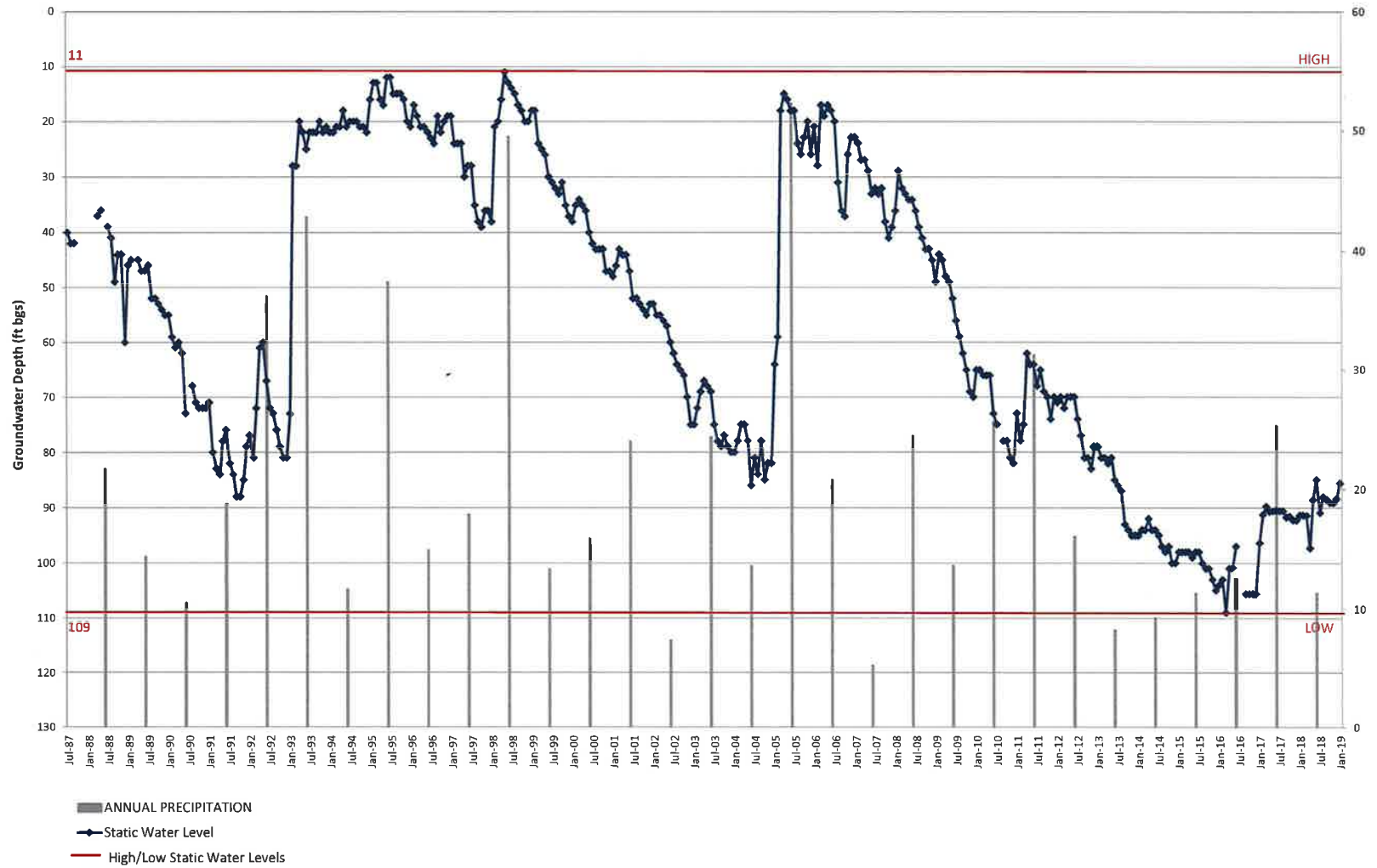


**SCV WATER WELL VALLEY CENTER**  
**STATIC WATER LEVEL VS PRECIPITATION**

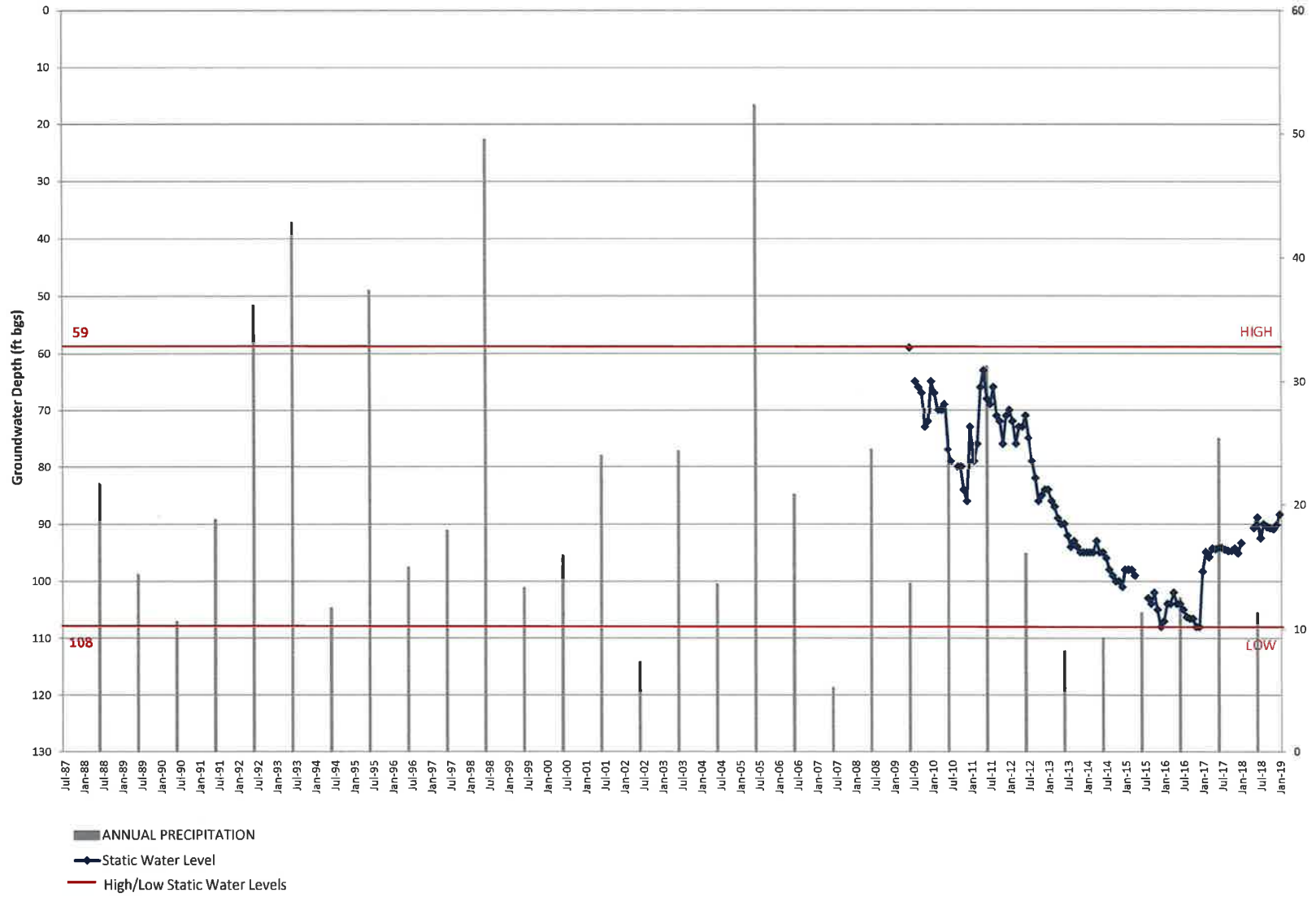




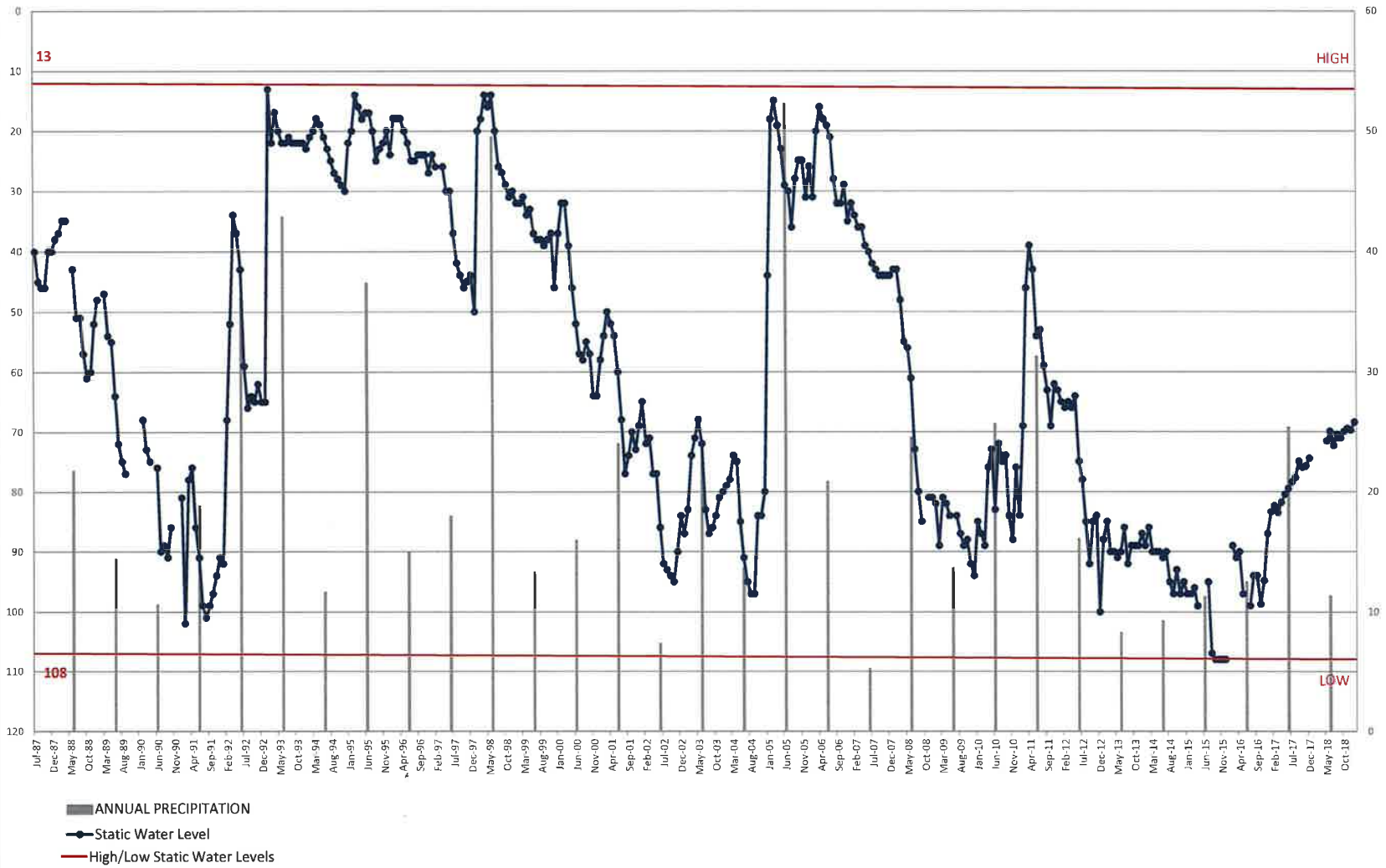
SCV WATER WELL HONBY #12  
 STATIC WATER LEVEL VS PRECIPITATION



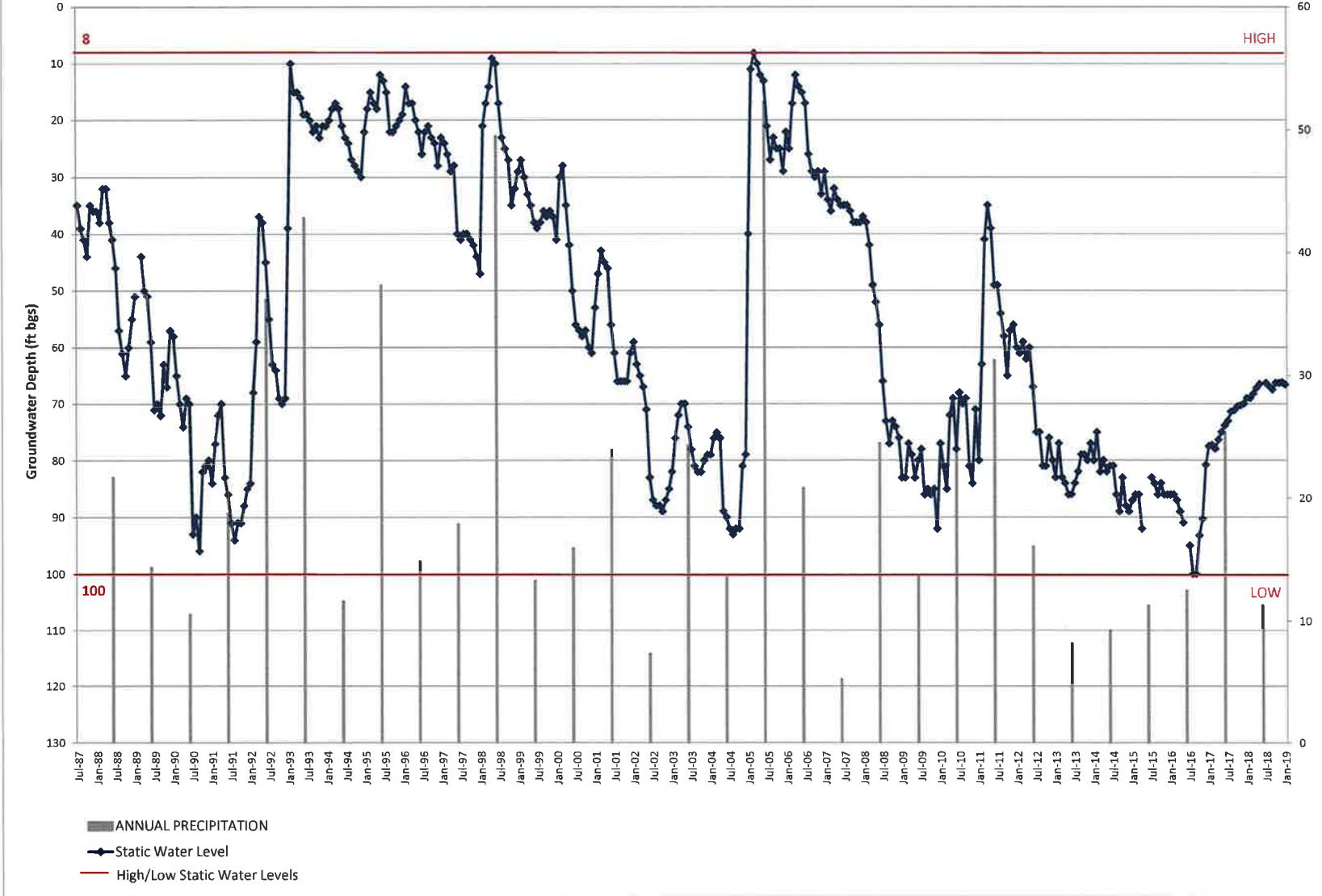
**SCV WATER WELL SANTA CLARA**  
**STATIC WATER LEVEL VS PRECIPITATION**



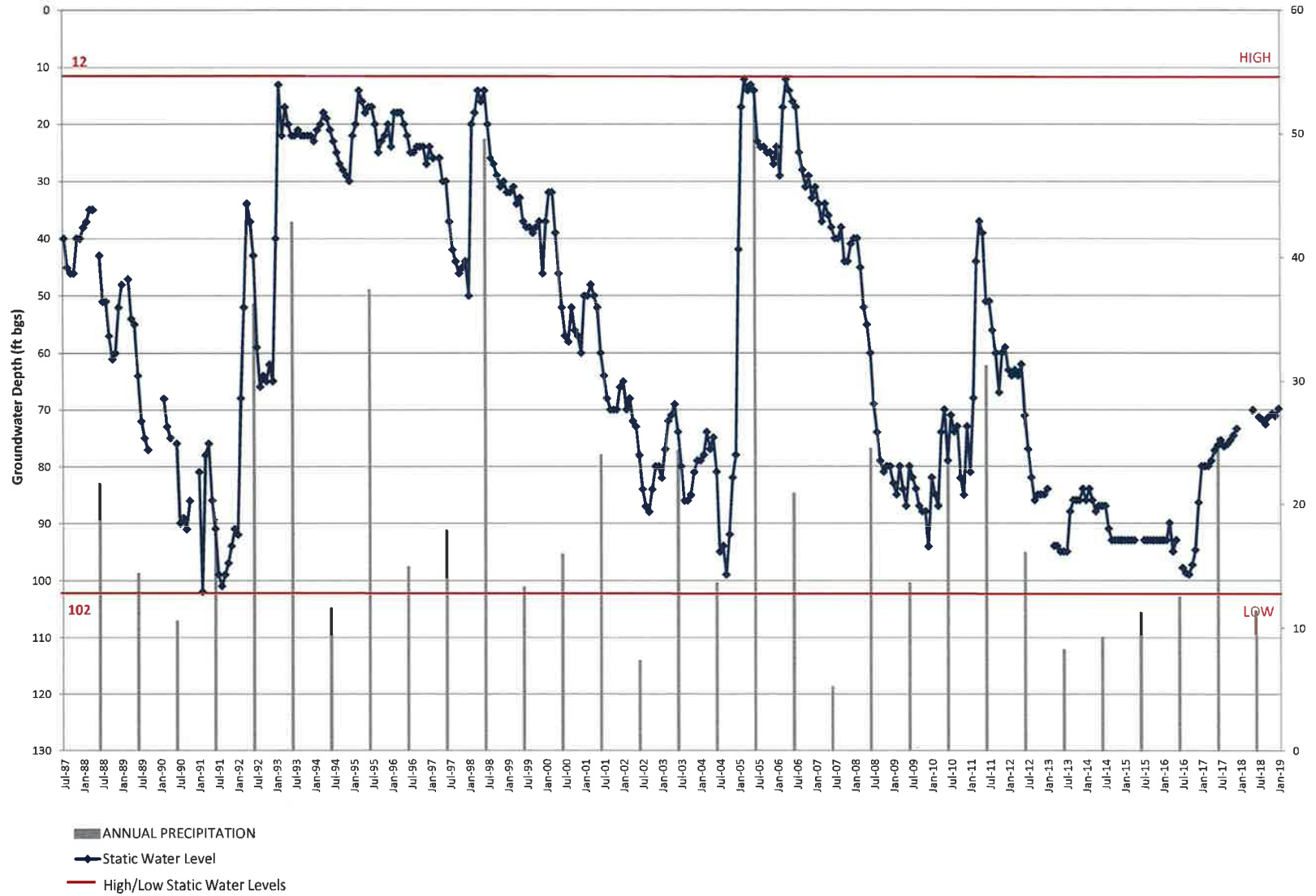
**SCV WATER WELL NORTH OAKS CENTRAL #8**  
*STATIC WATER LEVEL VS. PRECIPITATION*



**SCV WATER WELL NORTH OAKS WEST #9**  
**STATIC WATER LEVEL VS PRECIPITATION**



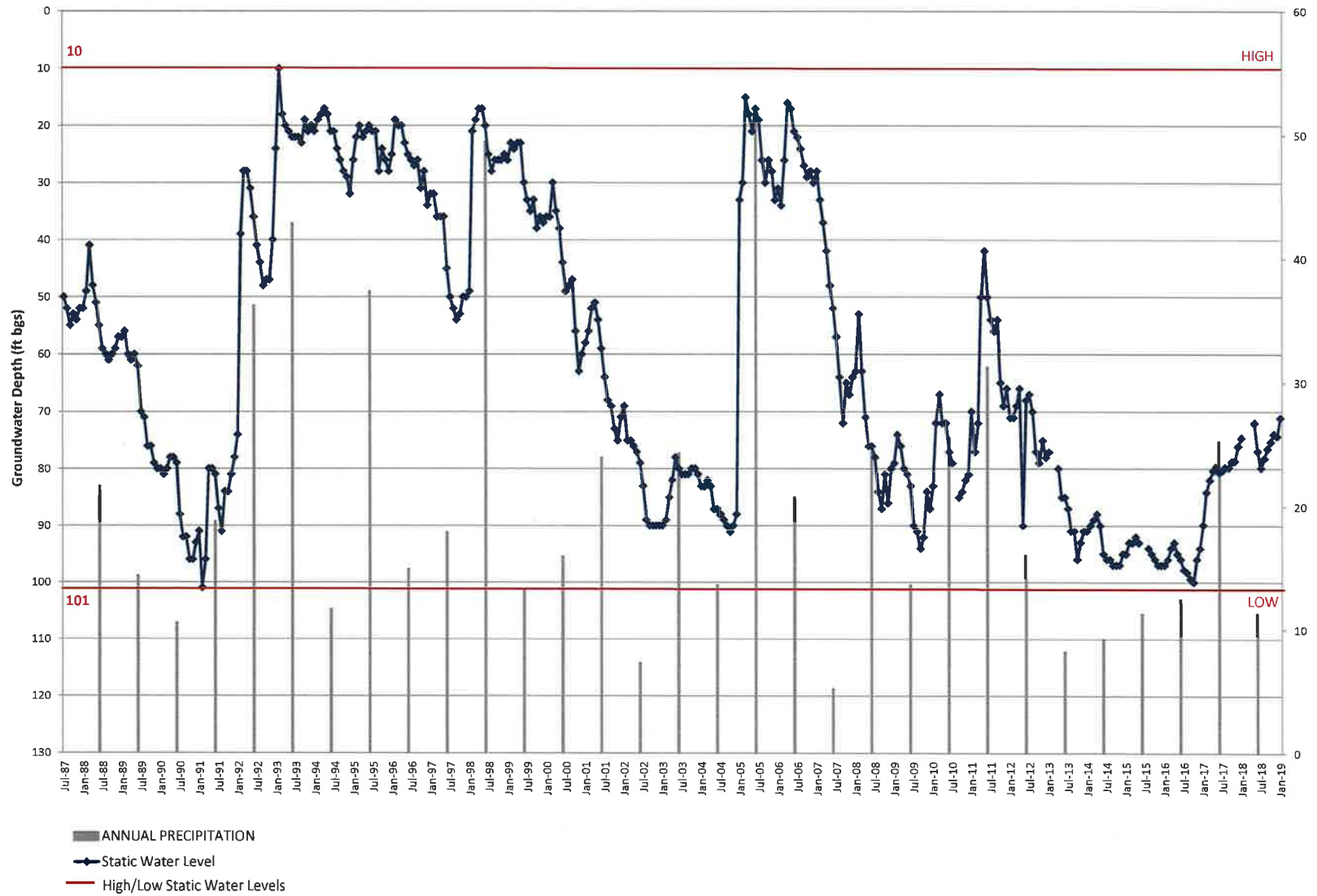
SCV WATER WELL NORTH OAKS EAST #7  
 STATIC WATER LEVEL VS PRECIPITATION



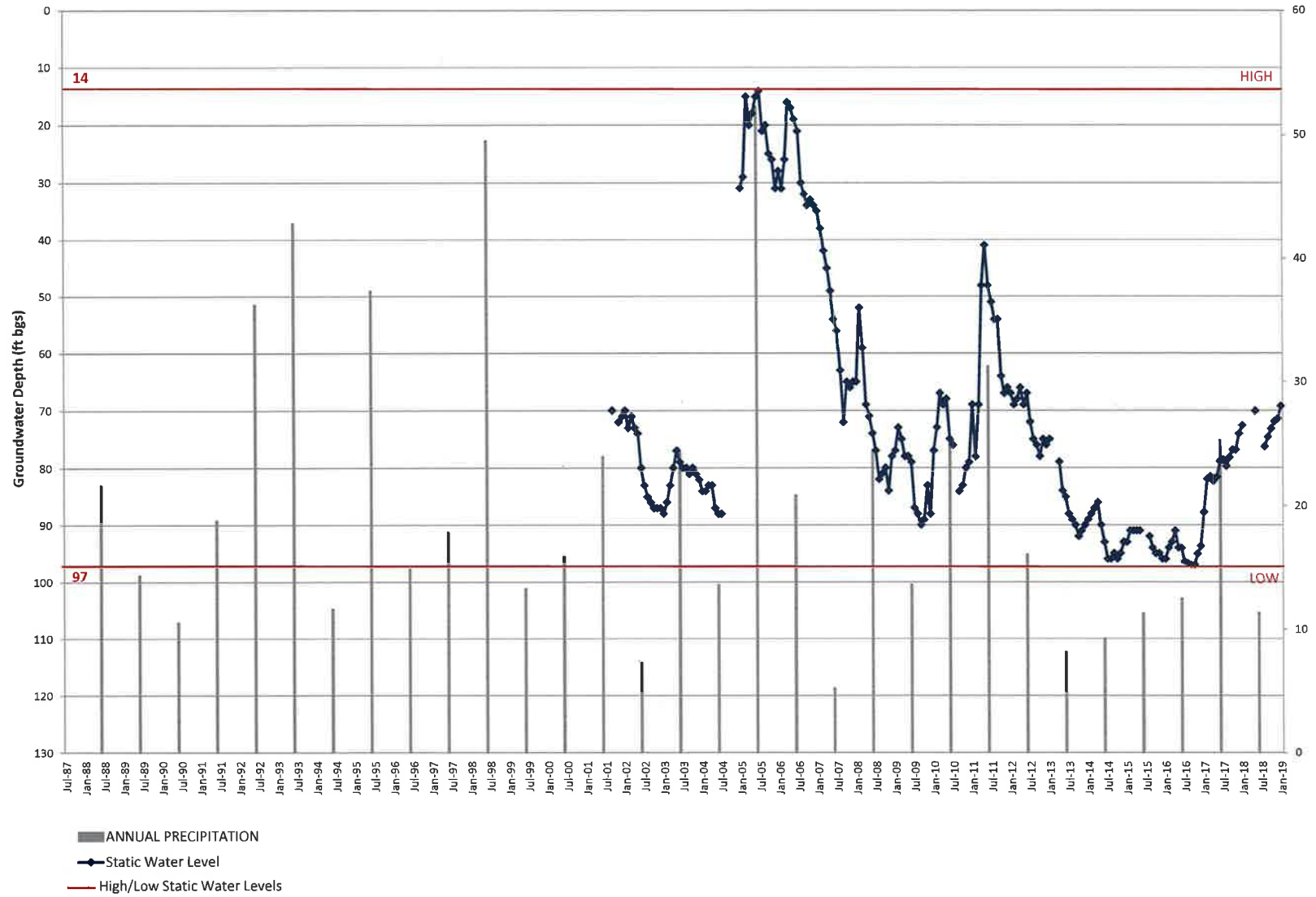
**SCV WATER WELL SIERRA #6**  
**STATIC WATER LEVEL VS PRECIPITATION**



SCV WATER WELL MITCHELL #5A  
 STATIC WATER LEVEL VS PRECIPITATION

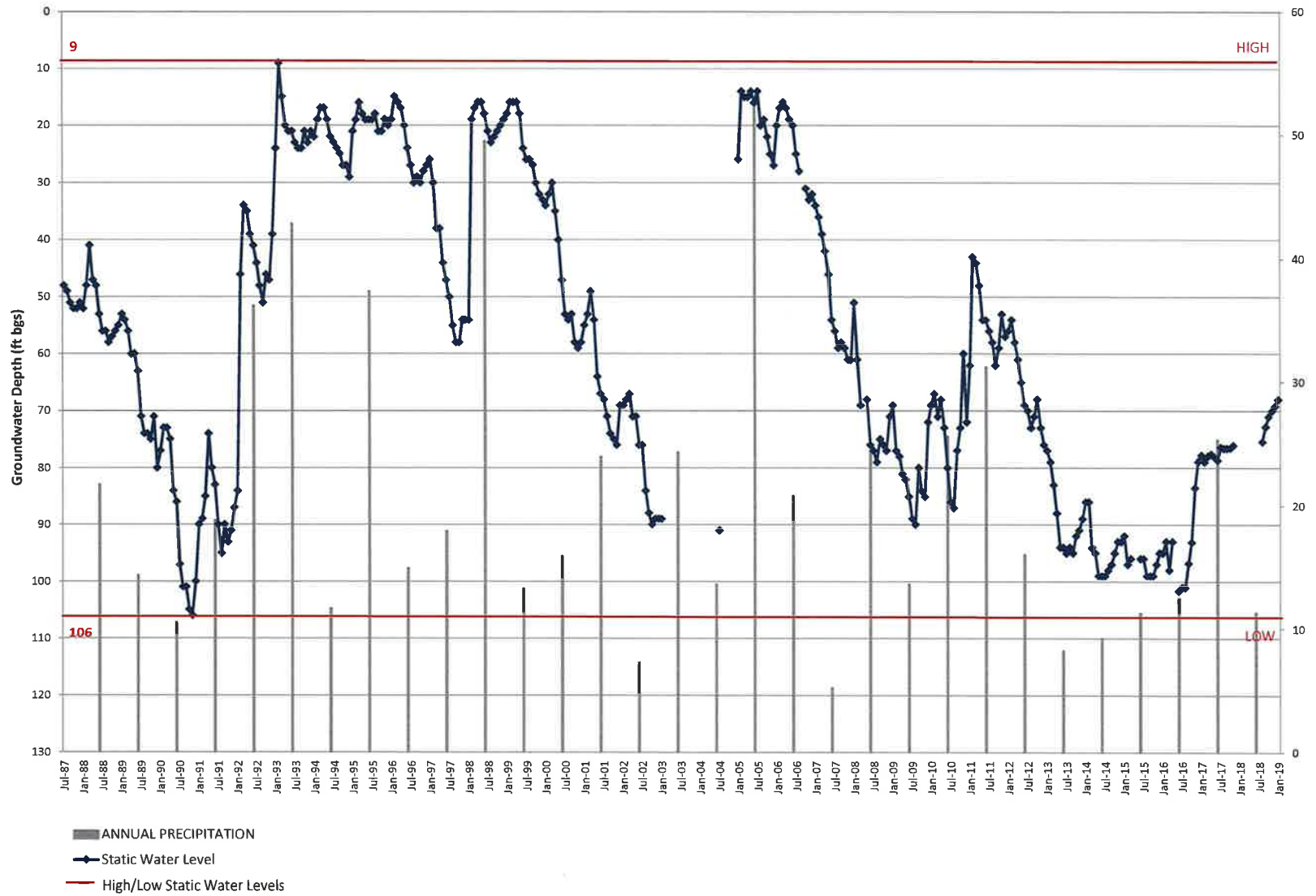


SCV WATER WELL MITCHELL #5B  
 STATIC WATER LEVEL VS PRECIPITATION

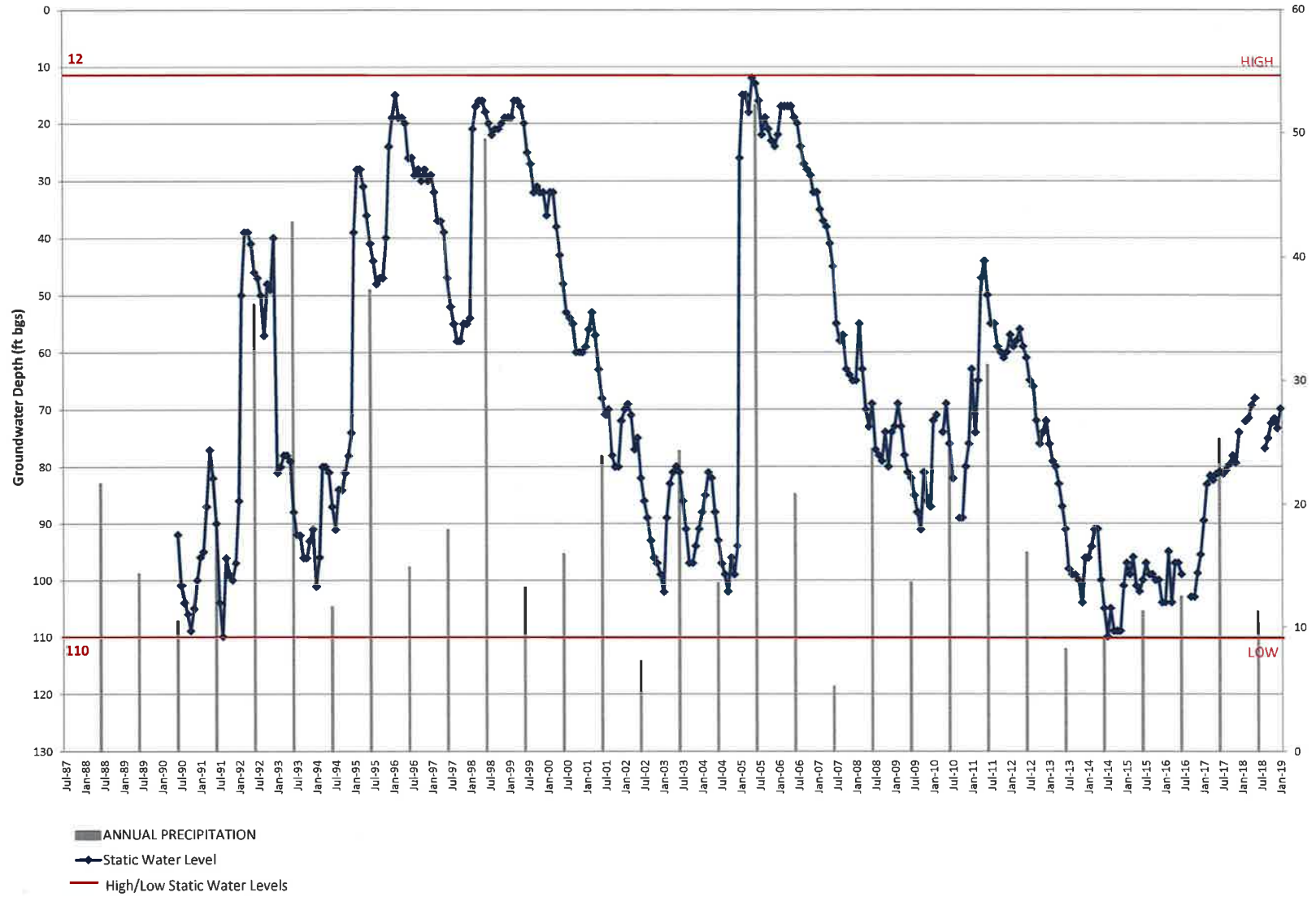




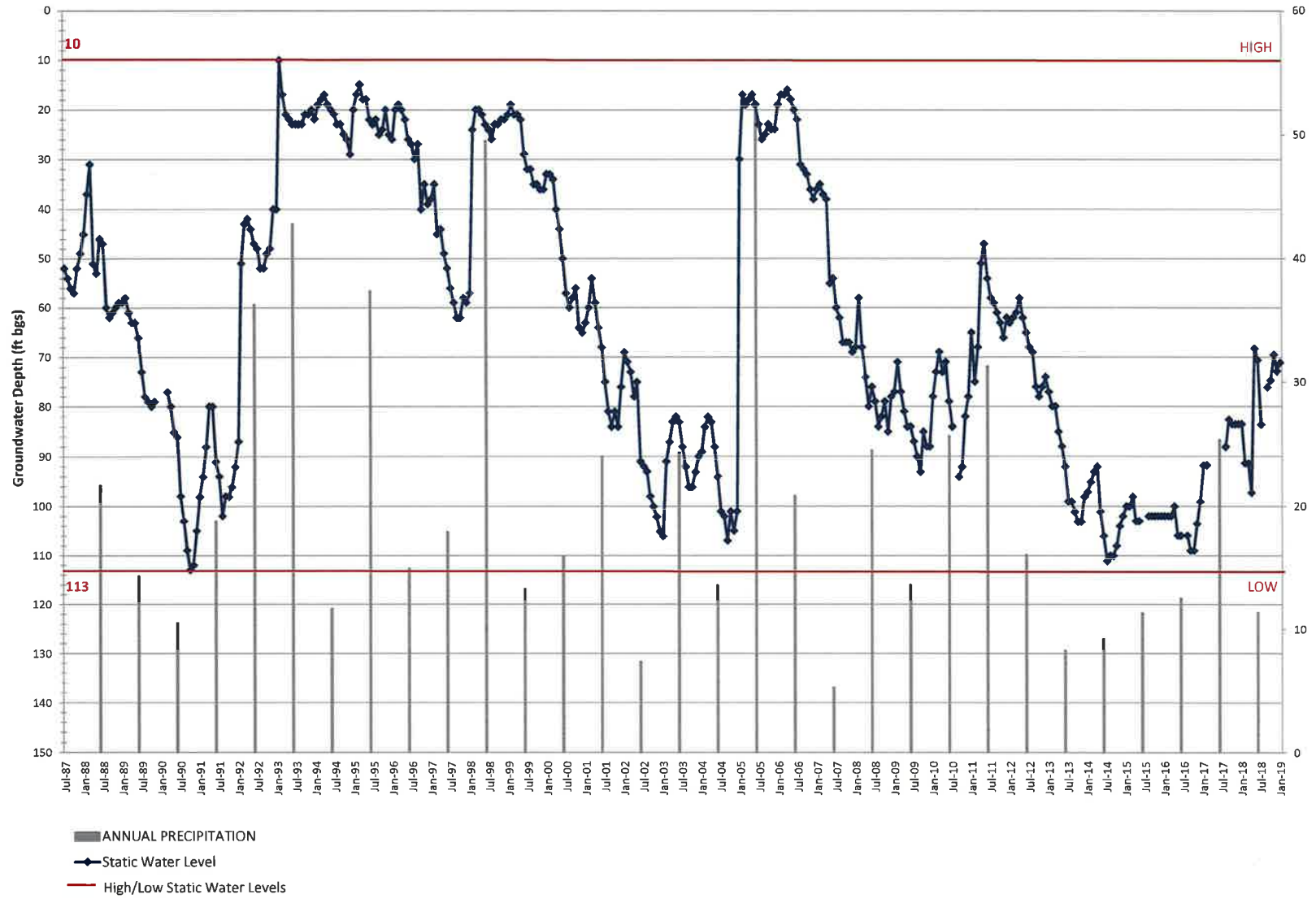
SCV WATER WELL SAND CANYON #3  
 STATIC WATER LEVEL VS PRECIPITATION



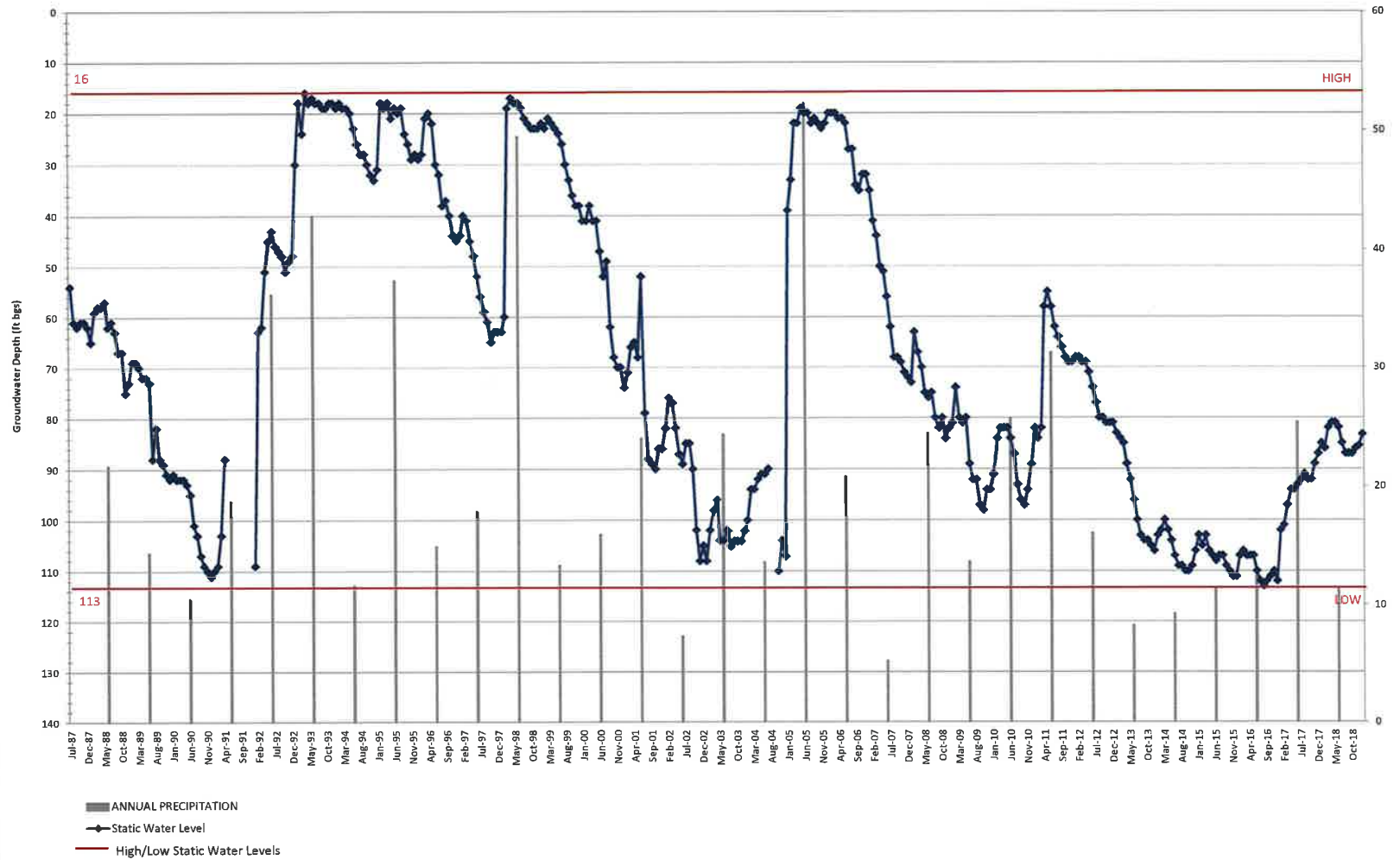
SCV WATER WELL LOST CANYON #2A  
 STATIC WATER LEVEL VS PRECIPITATION



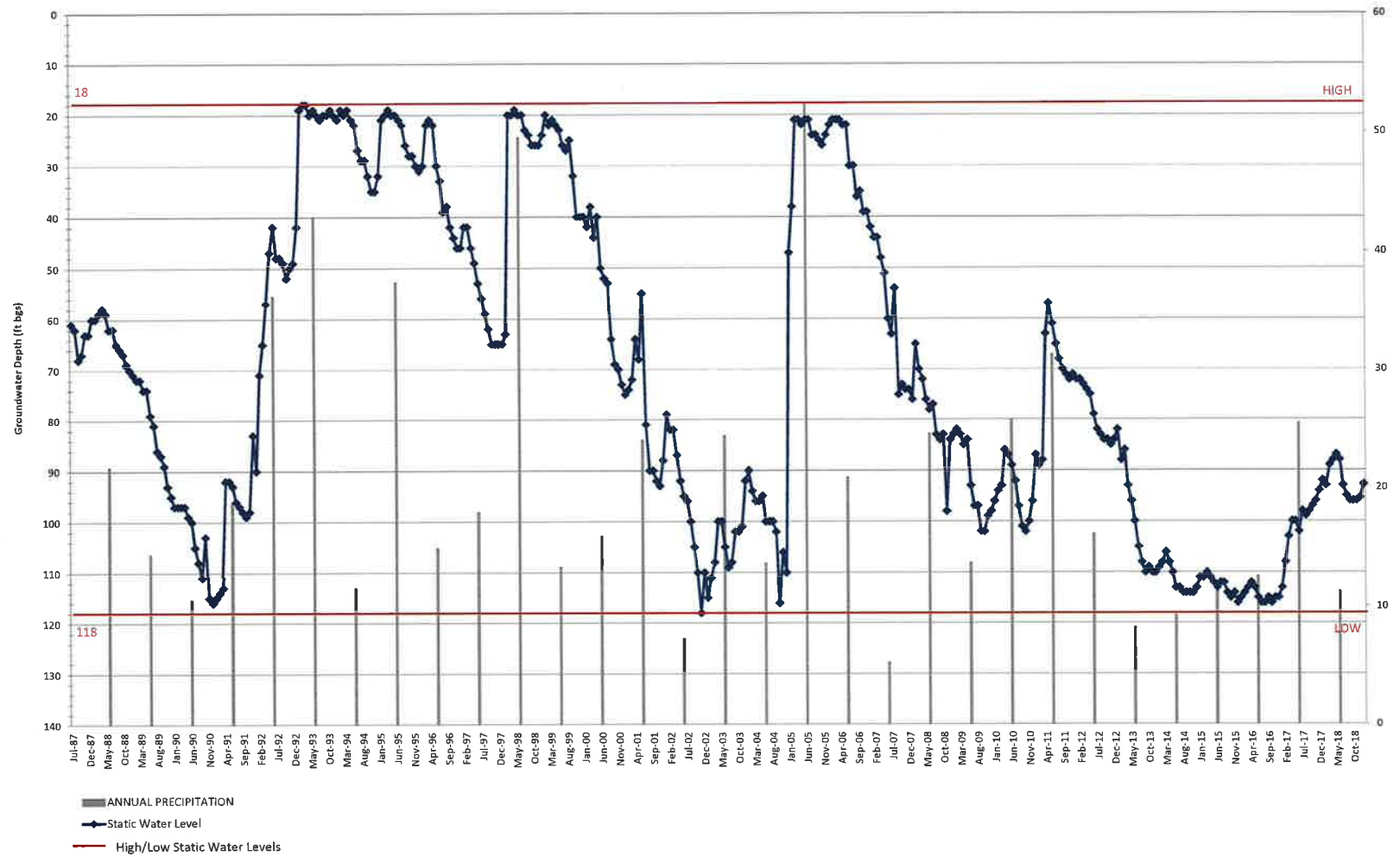
SCV WATER WELL LOST CANYON #2  
 STATIC WATER LEVEL VS PRECIPITATION



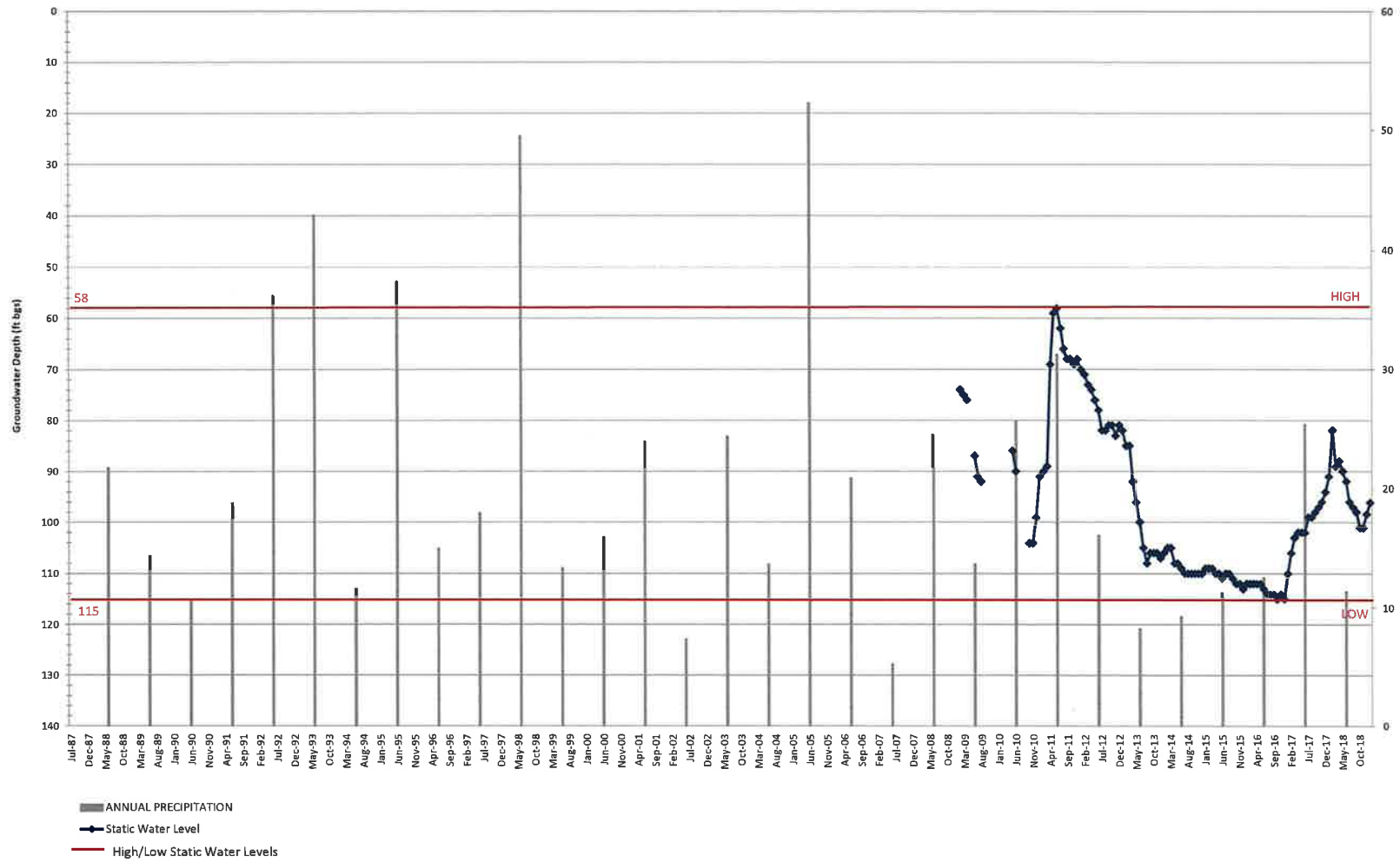
SCV WATER WELL P4  
 STATIC WATER LEVEL VS PRECIPITATION



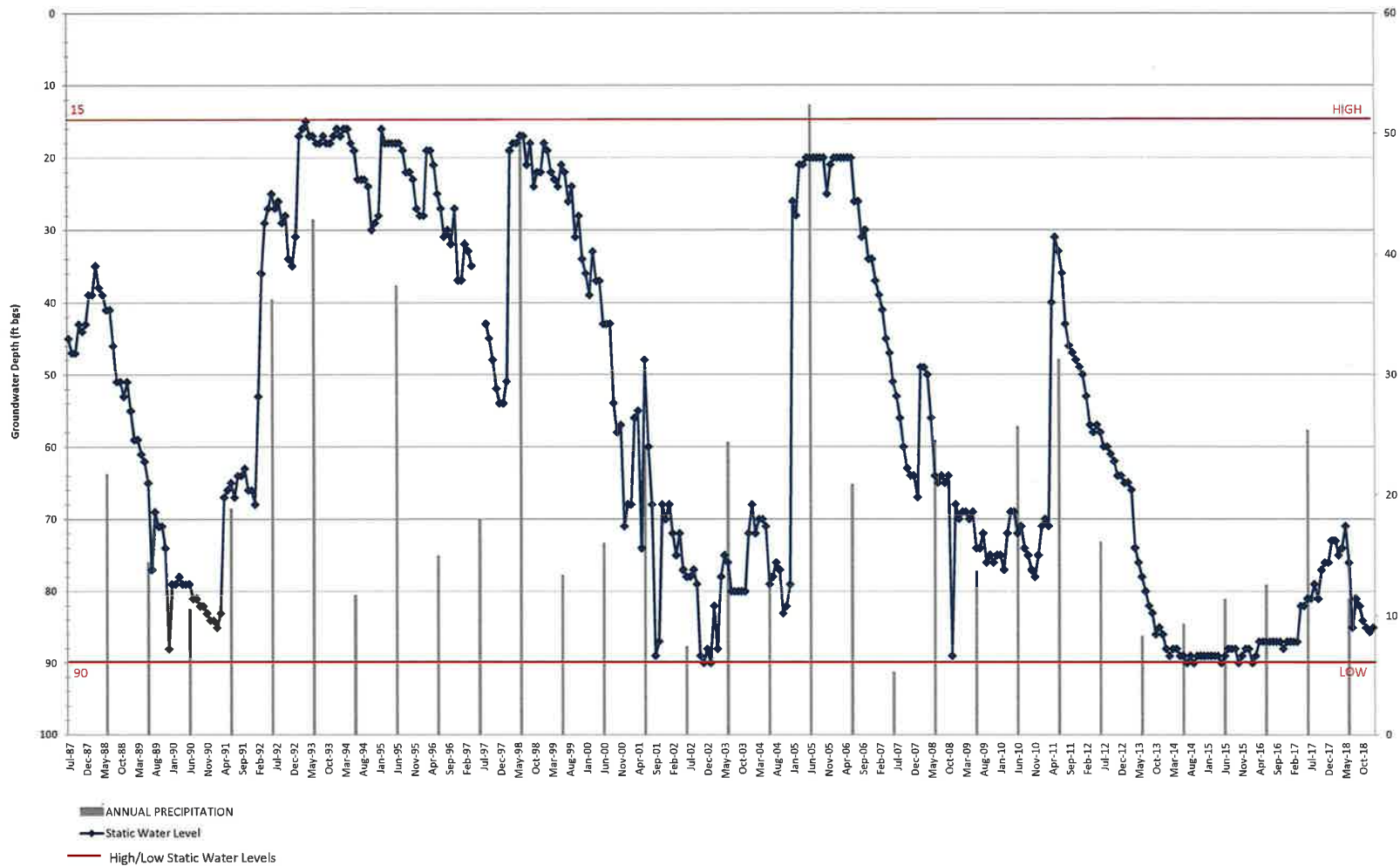
**SCV WATER WELL P3**  
 STATIC WATER LEVEL VS PRECIPITATION



**SCV WATER WELL P5**  
**STATIC WATER LEVEL VS PRECIPITATION**



**SCV WATER WELL P1**  
 STATIC WATER LEVEL VS PRECIPITATION



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**Santa Clarita Valley Water Agency**  
**Capital Improvement Projects (CIP) Construction Status Report**  
**As of February 15, 2019**

<b>Project</b>	<b>Contractor</b>	<b>Original Contract Amount</b>	<b>Change Orders to Date</b>	<b>% Change Orders</b>	<b>Current Contract Amount</b>	<b>Scheduled Completion</b>	<b>Estimated % of Work Completed</b>	<b>Status</b>
Foothill Feeder Turnout	GSE Construction	\$2,691,300	\$260,459	9.7%	\$2,951,759	March 31, 2019	92%	Connections to MWD and SCVWA lines are scheduled for February 2019.
Well E-17 and Water Improvements	Staats Construction, Padilla Electric, and General Pump	\$571,734	\$0	0%	\$571,734	June 30, 2019	15%	Contractor is acquiring materials.
Magic Mountain Pipeline Phase 4	FivePoint / Toro Enterprises	\$3,084,725	\$0	0%	\$3,084,725	July 22, 2019	5%	Construction submittals and pipe fabrication are in progress.
Magic Mountain Pipeline Phase 5	FivePoint / Toro Enterprises	\$3,269,978.85	\$0	0%	\$3,269,978.85	TBD	1%	Execution of construction contract documents is in progress.

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**Engineering and Operations Committee  
Planning Calendar  
FY 2018/19**

Item	PowerPoint Presentation (Y/N/Length)	July 3 Board	July 5 Comm	Aug 2 Comm	Aug 7 Board	Sept 4 Board	Sept 6 Comm	Sept 18 Board	Oct 2 Board	Oct 3 Comm	Nov 1 Comm	Nov 6 Board	Dec 4 Board	Dec 10 Comm	Dec 18 Board	Jan 2 Board	Jan 3 Comm	Feb 5 Board	Feb 7 Comm	March 5 Board	March 7 Comm	April 2 Board	April 4 Comm	April 30 Board	May 2 Comm	June 4 Board	June 6 Comm	July 2 Board	
		CANCELLED	CANCELLED								CANCELLED							CANCELLED											
1	Monthly Committee Planning Calendar	None		C			C			C				C					C		P		P				P		
2	CIP Construction Status Report	None		C			C			C				C					C		P		P				P		
3	Monthly Operations and Production Report	None		C			C			C				C					C		P		P				P		
4	Third Party Funded Agreements Quarterly Report	None		C										C					C							P			
5	Quarterly Safety Program Presentation	Yes 15 min		C		C								C					C						P				
6	Recommend Approval of Construction Contract Funding and a Work Authorization for Inspection Services for Magic Mountain Pipeline No. 4	Yes 10 min		C		C																							
7	Approve Community Workforce Agreement	None	CANCELLED		C		C	C			CANCELLED							CANCELLED											
8	Recommend Approval of a Change Order to Contract with GSE Construction to Increase Budget for Foothill Feeder Connection Construction	Yes 10 min					C	C			CANCELLED							CANCELLED											
9	Recommend Approval of a Work Authorization for TBD for final design of the Magic Mountain Pipeline No. 6	Yes 10 min								C		C						CANCELLED											
10	Recommend Approval of a Change Order with GSE Construction, Increase Vali Cooper's budget for Construction Management Services and increase MWDSC's Work Authorization for the Foothill Feeder Connection Project	Yes 10 min												C	C			CANCELLED											
11	Recommend Approval of Construction Contract Funding and a Work Authorization for Inspection Services for Magic Mountain Pipeline No. 5	Yes 10 min	CANCELLED								CANCELLED			C	C			CANCELLED											
12	Update on Recycled Water Program	Yes 10 min																	C	P									
13	Update on Perchlorate Related Activities - V201, V205, Replacement Wells, etc.	Yes 10 min																	C										
14	Quarterly Update on VOC Litigation Status - Closed Session	None																		P						P			
15	Foothill Feeder Connection Construction Update	Yes 5 min																		P									
16	Recommend Approval of Resolution Awarding Construction Contract to TBD to Recoat Roof Interior of Honby Tank #1	Yes 10 min																			P	P							
17	Review Proposed FY 2019/20 and FY 2020/21 Major Capital Projects (FY 2019/20 and FY 2020/21 Budget Preparation)	TBD	CANCELLED								CANCELLED							CANCELLED					P						
18	Recommend the purchase of a replacement dump truck	TBD																					P			P			
19	Follow Up Review Proposed FY 2019/20 and FY 2020/21 Major Capital Projects, if needed (FY 2019/20 and FY 2020/21 Budget Preparation)	TBD																								P			
20	Recommend Approval of Construction Contract Funding and a Work Authorization for Replacement Wells Construction	TBD																								P	P		
21	Recommend Approval of Resolution Authorizing SCVWA to Execute Consolidation and Water Service Agreement, and Financing Agreement for Construction of Pipeline to the Los Angeles Residential Community	TBD																									P	P	
22	Recommend Approval of Resolution Awarding Construction Contract to TBD for Pipeline to the Los Angeles Residential Community	TBD																									Moved to FY 2019/20		Moved to FY 2019/20

**Engineering and Operations Committee  
Planning Calendar  
FY 2018/19**

Item	PowerPoint Presentation (Y/N/Length)	July 3 Board	July 5 Comm	Aug 2 Comm	Aug 7 Board	Sept 4 Board	Sept 6 Comm	Sept 18 Board	Oct 2 Board	Oct 3 Comm	Nov 1 Comm	Nov 6 Board	Dec 4 Board	Dec 10 Comm	Dec 18 Board	Jan 2 Board	Jan 3 Comm	Feb 5 Board	Feb 7 Comm	March 5 Board	March 7 Comm	April 2 Board	April 4 Comm	April 30 Board	May 2 Comm	June 4 Board	June 6 Comm	July 2 Board	
		CANCELLED	CANCELLED									CANCELLED						CANCELLED											
23	Recommend Approval of Resolution Awarding Construction Contract to TBD for West Ranch Recycled Water Main Extension (Phase 2D) Project																							Moved to FY 2019/20	Moved to FY 2019/20				
24	Recommend Approval of Resolution Awarding Construction Contract to TBD for Washwater Return and Sludge Systems Project		C A N C E L L E D																						Moved to FY 2019/20	Moved to FY 2019/20			
25	Recommend Approval of Resolution Awarding Construction Contract to TBD for Recycled Water Vista Canyon (Phase 2B) Tank																									Moved to FY 2019/20	Moved to FY 2019/20		
26	Recommend Approval of a Work Authorization for TBD for final design of the Groundwater Treatment Improvements (VOC Treatment)																									Moved to FY 2019/20	Moved to FY 2019/20		
27	Recommend Approval of a Work Authorization for TBD for final design of the Magic Mountain Reservoir																											P	P
28	Recommend Approval of Construction Contract Funding and a Work Authorization for Inspection Services for Magic Mountain Pipeline No. 6																											P	P
29	Recommend Approval of a Work Authorization for TBD for final design of the Replacement Wells On-Site Pipeline/Infrastructure																											P	P
30	Recommend Approval of Construction Contract Funding and a Work Authorization for Replacement Wells Commerce Center Drive Pipeline																											P	P
31	Recommend approval of Resolution Awarding Construction Contract to TBD for Recycled Water Vista Canyon (Phase 2B) Pipelines																											P	P
32	Recommend Approval of Construction of a New 2.5 MG Deane Tank and Cost Sharing Agreement with Developer																											Moved to FY 2019/20	Moved to FY 2019/20
33	Recommend Approval of Resolution Awarding Construction Contract to TBD for New Intertie and Pressure Regulating Station with Newhall County Water District at Gary Street																											Moved to FY 2019/20	Moved to FY 2019/20
34	Recommend Approval of Resolution Awarding Construction Contract to TBD for Pipeline in Rainbow Glen Drive																										Move to FY 2019/20	Move to FY 2019/20	
35	Recommend Approval of Construction of a New Deane Zone Pump Station and Cost Sharing Agreement with Developer																										Moved to FY 2019/20	Moved to FY 2019/20	