



**Date:** October 28, 2019

**To:** **Engineering and Operations Committee**  
Tom Campbell, Chair  
Ed Colley  
William Cooper  
Jeff Ford  
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, November 7, 2019 at 5:30 PM at Summit Circle** located at 26521 Summit Circle, Santa Clarita, CA 91350 in the Training Room.

### MEETING AGENDA

<u>ITEM</u>		<u>PAGE</u>
1.	Public Comments	
2.	Quarterly Safety Presentation	
3.	Presentation on Distribution System Interconnections	
4. *	Operations and Production Report	1
5. *	Capital Improvement Projects Construction Status Report	59
6. *	Third Party Funded Agreements Quarterly Report	61
7. *	Committee Planning Calendar	65
8.	General Report on Treatment, Distribution, Operations and Maintenance Services Section Activities	
9.	General Report on Engineering Services Section Activities	

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10. Closed Session - Conference with Real Property Negotiators (Section 54956.8)  
Property: Castaic Tank 1A Cell Lease - Verizon (33030 Ridge Route Road, Castaic, CA 91384)  
Agency Negotiators: Brian Folsom, Gerard Lederer and Matthew G. Stone  
Negotiating Parties: Verizon  
Negotiation: Price and Terms of Payment for Lease of Property
11. Closed Session Announcement
12. 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 October 29, 2019.

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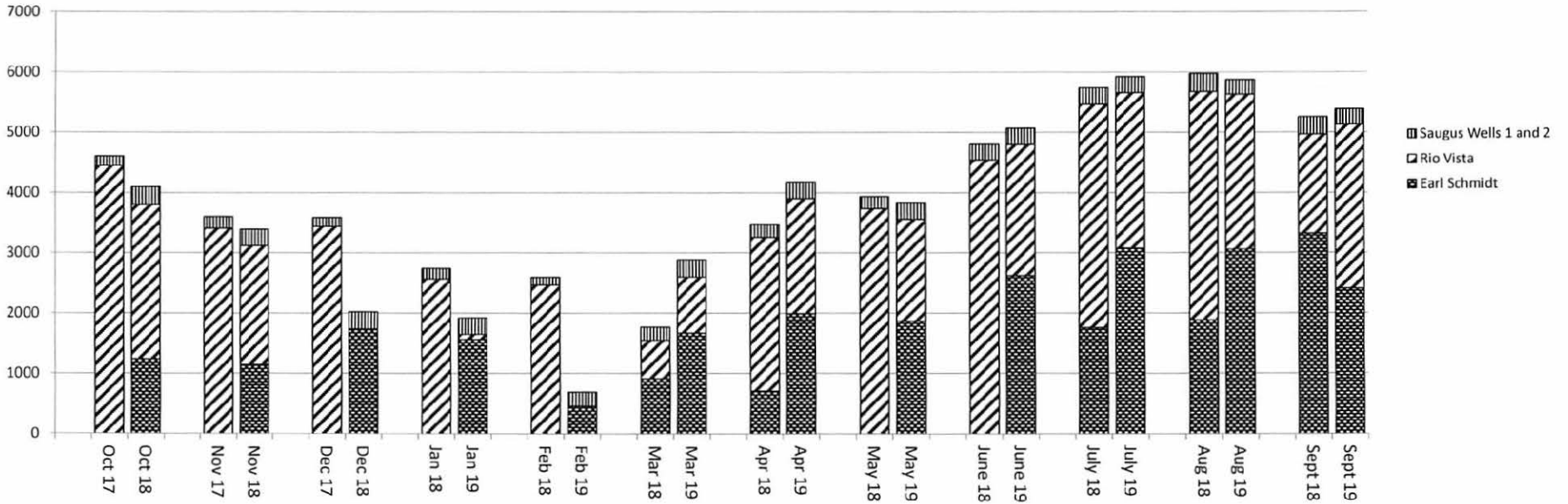
# Monthly Operations & Production Report

## September 2019

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**SANTA CLARITA VALLEY WATER AGENCY**  
September 2019 Regional Operations Report

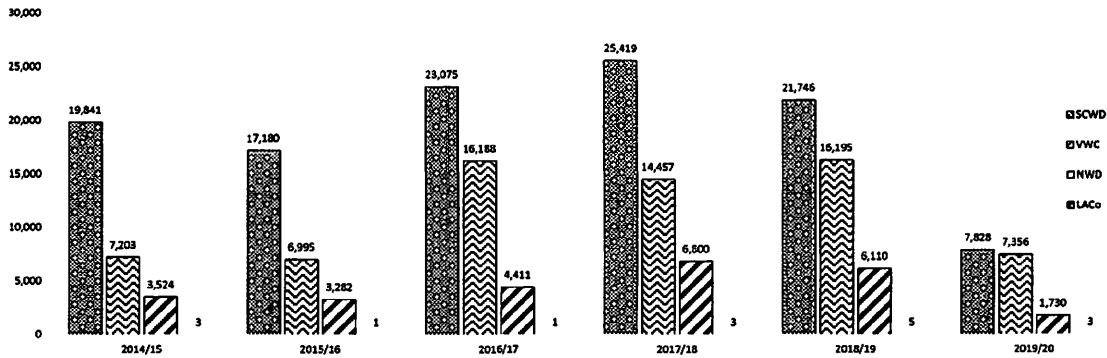
**Water Supply (acre-feet)**



Source	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Total
Earl Schmidt	1237	1154	1736	1560	458	1665	1992	1869	2622	3071	3057	2404	22824.765
Rio Vista	2570	1961	0	85	0	933	1910	1683	2175	2588	2577	2719	19201.4
Saugus 1 and 2	292	272	286	275	230	288	276	277	273	267	242	261	3239.061
<b>Total</b>	<b>4099</b>	<b>3387</b>	<b>2022</b>	<b>1920</b>	<b>688</b>	<b>2886</b>	<b>4178</b>	<b>3829</b>	<b>5070</b>	<b>5926</b>	<b>5876</b>	<b>5384</b>	<b>28079</b>
Total Sold	4011	3349	1947	1805	802	2735	4016	3754	4985	5823	5779	5316	44322
RVWTP Use/Storage	60	72	9	80	-78	52.55	66.96	17.54	22.04	35.68	27.64	27.66	302.09
Total Use	4071	3421	1956	1885	724	2787.55	4082.96	3771.54	5007.04	5858.68	5806.64	5343.66	27706.09
Water Loss	-0.68%	1.00%	-3.26%	-1.82%	5.23%	-3.41%	-2.27%	-1.50%	-1.24%	-1.14%	-1.18%	-0.75%	-1.33%
<b>Recycled Water</b>	<b>Oct-18</b>	<b>Nov-18</b>	<b>Dec-18</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>Total</b>
Valencia	0	0	0	2	0	10	50	36	59	76	70	64	367

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

### HISTORICAL FY Production 2014-2020



### HISTORICAL FY PRODUCTION 2014-2020

2014/15	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,912	2,491	2,177	2,110	1,638	748	990	1,036	1,174	1,365	1,458	1,844	19,841
VWC	1,143	897	718	545	410	340	408	398	400	658	587	700	7,203
NCWD	461	410	389	341	266	135	205	200	244	283	253	334	3,524
LACo	0	0	0	0	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>4,517</b>	<b>3,798</b>	<b>3,285</b>	<b>2,996</b>	<b>2,215</b>	<b>1,221</b>	<b>1,603</b>	<b>1,635</b>	<b>1,818</b>	<b>2,306</b>	<b>2,299</b>	<b>2,879</b>	<b>30,571</b>
Cum. FYTD	4,517	8,315	11,599	14,596	16,811	18,032	19,635	21,270	23,088	25,393	27,692	30,571	
2015/16	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	1,731	1,600	1,616	1,629	1,427	1,180	629	1,060	1,185	1,176	1,612	1,935	17,180
VWC	691	773	583	550	547	364	157	366	412	462	715	1,375	6,995
NCWD	347	373	325	278	233	199	148	195	206	250	319	411	3,282
LACo	0	0	0	0	0	0	1	0	0	0	0	0	1
<b>Total</b>	<b>2,769</b>	<b>2,946</b>	<b>2,524</b>	<b>2,455</b>	<b>2,207</b>	<b>1,743</b>	<b>1,134</b>	<b>1,622</b>	<b>1,803</b>	<b>1,888</b>	<b>2,646</b>	<b>3,721</b>	<b>27,458</b>
Cum. FYTD	2,769	5,715	8,239	10,694	12,901	14,644	15,778	17,400	19,203	21,091	23,737	27,458	
2016/17	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,404	2,683	2,368	2,128	1,712	1,377	652	844	1,359	2,040	2,456	2,772	23,075
VWC	1,565	1,640	1,305	1,080	607	620	643	764	1,123	1,728	2,499	2,614	16,188
NCWD	478	467	418	372	293	234	141	109	216	384	604	695	4,411
LACo	0	0	0	0	0	0	0	0	0	0	0	0	1
<b>Total</b>	<b>4,447</b>	<b>4,770</b>	<b>4,091</b>	<b>3,580</b>	<b>2,612</b>	<b>2,231</b>	<b>1,736</b>	<b>1,716</b>	<b>2,699</b>	<b>4,152</b>	<b>5,559</b>	<b>6,081</b>	<b>43,674</b>
Cum. FYTD	4,447	9,218	13,309	16,888	19,501	21,732	23,467	25,184	27,882	32,034	37,593	43,674	
2017/18	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	3,085	3,035	2,589	2,462	1,922	1,955	1,576	1,580	969	1,905	2,076	2,284	25,419
VWC	2,069	1,723	1,184	1,260	968	969	853	676	619	1,180	1,336	1,622	14,457
NCWD	785	656	845	801	640	556	253	275	157	349	473	608	6,800
LACo	0	0	0	0	0	0	0	1	0	0	1	0	3
<b>Total</b>	<b>5,958</b>	<b>5,615</b>	<b>4,619</b>	<b>4,522</b>	<b>3,528</b>	<b>3,481</b>	<b>2,684</b>	<b>2,532</b>	<b>1,746</b>	<b>3,414</b>	<b>3,885</b>	<b>4,695</b>	<b>46,680</b>
Cum. FYTD	5,958	11,573	16,192	20,714	24,242	27,723	30,407	32,939	34,685	38,099	41,984	46,680	
2018/19	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,694	2,816	2,535	2,174	1,682	1,274	1,110	493	1,177	1,770	1,632	2,169	21,746
VWC	1,921	2,026	1,743	1,300	1,084	459	513	232	1,205	1,619	1,701	2,193	16,195
NCWD	1,023	1,012	881	537	382	214	161	76	352	428	422	603	6,110
LACo	1	0	0	1	0	0	1	1	1	0	0	0	5
<b>Total</b>	<b>5,639</b>	<b>5,855</b>	<b>5,160</b>	<b>4,011</b>	<b>3,349</b>	<b>1,947</b>	<b>1,805</b>	<b>802</b>	<b>2,735</b>	<b>4,016</b>	<b>3,754</b>	<b>4,985</b>	<b>44,057</b>
Cum. FYTD	5,639	11,494	16,654	20,665	24,014	25,961	27,766	28,567	31,302	35,318	39,072	44,057	
2019/20	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,610	2,743	2,475	0	0	0	0	0	0	0	0	0	7,828
VWC	2,491	2,518	2,348	0	0	0	0	0	0	0	0	0	7,356
NCWD	721	518	492	0	0	0	0	0	0	0	0	0	1,730
LACo	2	0	0	0	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>5,823</b>	<b>5,779</b>	<b>5,316</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>16,918</b>
Cum. FYTD	5,823	11,602	16,918	16,918	16,918	16,918	16,918	16,918	16,918	16,918	16,918	16,918	

\*Total does not include recycled water.

**SANTA CLARITA VALLEY WATER AGENCY**

*Record of Weather Observations*

September 2019

*(End of the 2019 Water Year)*

<b>DATE</b>	<b>High Temperature</b>	<b>Low Temperature</b>	<b>Precipitation 2019</b>	<b>Precipitation 2018</b>
1-Sep	101	60	0.00	0.00
2-Sep	95	67	0.00	0.00
3-Sep	95	66	0.00	0.00
4-Sep	94	63	0.00	0.00
5-Sep	98	68	0.00	0.00
6-Sep	97	64	0.00	0.00
7-Sep	94	63	0.00	0.00
8-Sep	83	55	0.00	0.00
9-Sep	82	53	0.00	0.00
10-Sep	76	57	0.00	0.00
11-Sep	85	51	0.00	0.01
12-Sep	96	51	0.00	0.00
13-Sep	101	54	0.00	0.00
14-Sep	101	56	0.00	0.00
15-Sep	91	55	0.00	0.00
16-Sep	85	56	0.00	0.00
17-Sep	84	53	0.00	0.00
18-Sep	81	51	0.00	0.00
19-Sep	79	56	0.00	0.00
20-Sep	83	46	0.00	0.00
21-Sep	91	49	0.00	0.00
22-Sep	91	51	0.00	0.00
23-Sep	82	54	0.00	0.00
24-Sep	97	52	0.00	0.00
25-Sep	92	56	0.00	0.01
26-Sep	75	64	0.00	0.00
27-Sep	70	64	0.00	0.00
28-Sep	68	58	0.03	0.00
29-Sep	73	47	0.00	0.00
30-Sep	73	39	0.00	0.00

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<b>TOTAL</b>	<b>0.03</b>	<b>0.02</b>
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	<b>2018-2019</b>	<b>2017-2018</b>
<i>Total Precipitation of Current Month</i>	0.03	0.02
<i>Total Precipitation End of Previous Month</i>	27.65	11.13
<b>Total Precipitation Since October 1st</b>	<b>27.68</b>	<b>11.15</b>
<i>Temperature Averages for Current Month</i>	<b>HIGH</b> 87.1	89.2
	<b>LOW</b> 56.0	54.3

**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	8.56
Mar	1.18	0.69	8.86	4.99	1.21	1.64	1.09	2.75	0.33	7.50	4.15
Apr	0.07	2.40	0.12	4.02	0.00	0.31	0.16	0.37	0.09	0.02	0.09
May	0.01	0.07	0.74	0.01	0.74	0.00	0.66	0.09	0.26	0.01	1.60
Jun	0.03	0.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01
Jul	0.00	0.00	0.01	0.00	0.08	0.02	0.87	0.00	0.01	0.00	0.00
Aug	0.00	0.00	0.00	0.01	0.00	0.05	0.00	0.02	0.07	0.00	0.00
Sep	0.00	0.00	0.00	0.02	0.00	0.00	0.78	0.00	0.13	0.02	0.03
<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>27.68</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	72	17	60	41	0	147	191	109	0	0	0	722
N13	95	79	21	139	108	168	78	222	190	0	0	0	1100
C1	21	13	3	23	31	36	46	56	54	0	0	0	283
C2	6	5	0	13	18	20	24	11	27	0	0	0	126
C7	22	18	4	29	40	47	59	75	70	0	0	0	364
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>187</b>	<b>45</b>	<b>265</b>	<b>238</b>	<b>271</b>	<b>353</b>	<b>555</b>	<b>451</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2594</b>

SANTA CLARITA WATER DIVISION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
LOST CANYON NO.2	0	8	0	0	0	14	44	47	37	0	0	0	150
LOST CANYON NO.2A	0	24	1	30	59	50	85	101	77	0	0	0	427
SAND CANYON	3	29	1	38	69	91	91	94	86	0	0	0	502
MITCHELL 5A	0	0	0	0	0	0	0	0	0	0	0	0	0
MITCHELL 5B	0	0	0	0	0	0	1	1	0	0	0	0	2
SIERRA	15	54	1	1	6	41	29	13	16	0	0	0	176
NORTH OAKS EAST	2	35	1	2	1	2	2	1	2	0	0	0	48
NORTH OAKS CENTRAL	2	47	2	2	1	3	3	2	10	0	0	0	72
NORTH OAKS WEST	0	0	0	0	0	0	0	0	0	0	0	0	0
HONBY	1	2	0	0	0	0	1	4	4	0	0	0	12
GUIDA	25	31	0	41	34	53	44	45	45	0	0	0	318
CLARK	19	32	0	29	25	39	32	32	28	0	0	0	236
SANTA CLARA	1	37	1	1	1	2	1	2	5	0	0	0	51
VALLEY CENTER	54	55	1	72	75	0	0	0	0	0	0	0	257
<b>TOTAL SCWD</b>	<b>122</b>	<b>354</b>	<b>8</b>	<b>216</b>	<b>271</b>	<b>295</b>	<b>333</b>	<b>342</b>	<b>310</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2251</b>

VALENCIA WATER DIVISION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
D	34	28	8	5	5	6	7	12	14	0	0	0	118
E15	35	21	1	6	9	8	11	14	32	0	0	0	137
N	20	36	5	25	30	37	43	58	61	0	0	0	314
N7	91	23	8	23	40	49	43	109	100	0	0	0	486
N8	39	16	2	33	27	37	100	60	68	0	0	0	382
Q2	64	52	4	20	18	0	0	0	0	0	0	0	157
T7	8	4	2	4	6	7	21	39	16	0	0	0	106
U6	2	3	2	5	6	8	33	49	9	0	0	0	116
U4	3	2	1	3	3	3	18	23	5	0	0	0	59
S6	64	74	13	33	50	64	26	0	0	0	0	0	324
S7	24	24	8	5	13	8	10	17	8	0	0	0	117
S8	9	30	4	9	9	13	2	10	7	0	0	0	93
W11	24	30	2	56	49	73	88	103	1	0	0	0	425
W9	22	9	5	39	36	41	98	92	101	0	0	0	443
W10	87	61	8	36	52	74	71	147	152	0	0	0	688
159 (GOLF COURSE IRRIGATION)	0	0	0	0	0	5	0	0	0	0	0	0	6
160 (SYSTEM)	2	2	1	1	2	1	2	3	2	0	0	0	15
160 (GOLF COURSE IRRIGATION)	10	4	19	56	45	66	90	83	40	0	0	0	414
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	84	7	42	37	54	58	84	65	0	0	0	525
207	120	66	6	57	54	50	116	87	100	0	0	0	666
<b>TOTAL VWD</b>	<b>752</b>	<b>569</b>	<b>106</b>	<b>457</b>	<b>491</b>	<b>605</b>	<b>834</b>	<b>988</b>	<b>780</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5581</b>

S1	143	116	149	146	149	142	140	117	129	0	0	0	1231
S2	132	114	139	130	128	131	127	125	132	0	0	0	1158
<b>TOTAL S1 &amp; S2</b>	<b>275</b>	<b>230</b>	<b>288</b>	<b>276</b>	<b>277</b>	<b>273</b>	<b>267</b>	<b>242</b>	<b>261</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2389</b>

<b>TOTAL WELL PRODUCTION</b>	<b>1378</b>	<b>1340</b>	<b>447</b>	<b>1214</b>	<b>1276</b>	<b>1444</b>	<b>1787</b>	<b>2127</b>	<b>1902</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12815</b>
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WELL 201 (NON-SYSTEM)	106	31	106	99	108	101	105	103	102	0	0	0	861
VALLEY CENTER (NON-SYSTEM)	0	0	0	0	0	0	0	0.33	0	0	0	0	0.33
Q2 (NON SYSTEM)	0	0	0	0	0	0.05	0.09	0.13	0.60	0	0	0	0.87

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	72	17	60	41	0	147	191	109				722
N13	95	79	21	139	108	168	78	222	190				1100
<b>CASTAIC SYSTEM</b>													
C1	21	13	3	23	31	36	46	56	54				283
C2	6	5	0	13	18	20	24	11	27				126
C7	22	18	4	29	40	47	59	75	70				364
<b>PINETREE SYSTEM</b>													
P1	0	0	0	0	0	0	0	0	0				0
P3	0	0	0	0	0	0	0	0	0				0
P4	0	0	0	0	0	0	0	0	0				0
P5	0	0	0	0	0	0	0	0	0				0
S1 & S2	74	62	77	74	74	73	72	65	70				640
<b>TOTAL GROUNDWATER</b>	<b>303</b>	<b>249</b>	<b>122</b>	<b>338</b>	<b>312</b>	<b>344</b>	<b>425</b>	<b>620</b>	<b>521</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3235</b>
<b>IMPORT + S1 &amp; S2</b>													
<b>NEWHALL SYSTEM</b>													
N-3	13	1	156	109	162	216	233	73	128				1091
<b>CASTAIC SYSTEM</b>													
N-1	39	18	69	76	46	67	74	73	41				502
<b>PINETREE SYSTEM</b>													
N-2	87	48	88	156	139	197	233	239	206				1394
<b>TESORO SYSTEM</b>													
N-4	41	10	40	86	75	122	180	133	117				804
<b>TOTAL IMPORT + S1 &amp; S2</b>	<b>181</b>	<b>76</b>	<b>352</b>	<b>428</b>	<b>422</b>	<b>603</b>	<b>721</b>	<b>518</b>	<b>492</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3792</b>
<b>TOTAL GROUNDWATER (INCLUDES S1 &amp; S2)</b>	<b>303</b>	<b>249</b>	<b>122</b>	<b>338</b>	<b>312</b>	<b>344</b>	<b>425</b>	<b>620</b>	<b>521</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3235</b>
<b>TOTAL IMPORT (NO S1 &amp; S2)</b>	<b>107</b>	<b>15</b>	<b>275</b>	<b>354</b>	<b>348</b>	<b>530</b>	<b>649</b>	<b>453</b>	<b>422</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3151</b>
<b>TOTAL GROSS PRODUCTION (GW + IMPORT)</b>	<b>410</b>	<b>263</b>	<b>397</b>	<b>692</b>	<b>660</b>	<b>874</b>	<b>1074</b>	<b>1073</b>	<b>943</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6386</b>
<b>TOTAL INTERTIE TRANSFERS</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-13</b>	<b>-52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-15</b>
<b>TOTAL NET PRODUCTION</b>	<b>410</b>	<b>314</b>	<b>397</b>	<b>692</b>	<b>660</b>	<b>861</b>	<b>1022</b>	<b>1073</b>	<b>943</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6371</b>
<b>% BY SOURCE</b>													
GROUNDWATER	74%	79%	31%	49%	47%	40%	42%	58%	55%				51%
IMPORT	26%	5%	69%	51%	53%	62%	64%	42%	45%				49%
INTERTIE	0%	16%	0%	0%	0%	-2%	-5%	0%	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	8	0	0	0	14	44	47	37				150
LOST CANYON NO.2A	0	24	1	30	59	50	85	101	77				427
SAND CANYON	3	29	1	38	69	91	91	94	86				502
MITCHELL 5A	0	0	0	0	0	0	0	0	0				0
MITCHELL 5B	0	0	0	0	0	0	1	1	0				2
SIERRA	15	54	1	1	6	41	29	13	16				176
NORTH OAKS EAST	2	35	1	2	1	2	2	1	2				48
NORTH OAKS CENTRAL	2	47	2	2	1	3	3	2	10				72
NORTH OAKS WEST	0	0	0	0	0	0	0	0	0				0
HONBY	1	2	0	0	0	0	1	4	4				12
GUIDA	25	31	0	41	34	53	44	45	45				318
CLARK	19	32	0	29	25	39	32	32	28				236
SANTA CLARA	1	37	1	1	1	2	1	2	5				51
VALLEY CENTER	54	55	1	72	75	0	0	0	0				257
<b>TOTAL ALLUVIUM</b>	<b>122</b>	<b>354</b>	<b>8</b>	<b>216</b>	<b>271</b>	<b>295</b>	<b>333</b>	<b>342</b>	<b>310</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2251</b>
<b>SAUGUS WELLS S1 &amp; S2</b>	<b>201</b>	<b>168</b>	<b>211</b>	<b>202</b>	<b>203</b>	<b>200</b>	<b>196</b>	<b>177</b>	<b>191</b>				<b>1748</b>
<b>TOTAL GROUNDWATER</b>	<b>323</b>	<b>522</b>	<b>219</b>	<b>418</b>	<b>474</b>	<b>495</b>	<b>529</b>	<b>519</b>	<b>501</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3999</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	83	175	136	143	171	233	302	269				1702
SC-2 HONBY	179	2	126	166	171	250	307	341	311				1854
SC-3 WILEY	50	52	52	93	79	111	185	199	186				1007
SC-4 HONBY #2	200	119	284	320	354	520	614	599	531				3540
SC-5 RIO VISTA	0	0	38	194	204	250	237	233	222				1379
SC-6 LOST CANYON	55	68	26	219	95	126	200	215	144				1148
SC-7	26	12	50	52	52	110	117	123	113				656
SC-8	79	20	112	131	215	303	324	327	298				1809
SC-9	40	50	70	85	46	52	130	173	176				823
SC-10	35	17	76	172	67	25	24	24	20				460
SC-11	38	2	17	0	6	2	5	7	4				81
SC-12	180	66	115	140	125	166	176	172	175				1314
SC-13	37	1	37	62	73	104	59	27	25				424
<b>TOTAL IMPORT + S1 &amp; S2</b>	<b>1110</b>	<b>493</b>	<b>1,177</b>	<b>1,770</b>	<b>1,632</b>	<b>2,189</b>	<b>2,610</b>	<b>2,743</b>	<b>2,476</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,199</b>
METERING ADJUSTMENT	-9	-5	0	0	0	-3	0	-0.17	0				-18
<b>NET IMPORT + S1 &amp; S2</b>	<b>1,100</b>	<b>488</b>	<b>1,177</b>	<b>1,770</b>	<b>1,632</b>	<b>2,186</b>	<b>2,610</b>	<b>2,742</b>	<b>2,476</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,181</b>
<b>TOTAL GROUNDWATER (INCLUDES S1 &amp; S2)</b>	<b>323</b>	<b>522</b>	<b>219</b>	<b>418</b>	<b>474</b>	<b>495</b>	<b>529</b>	<b>519</b>	<b>501</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3999</b>
<b>TOTAL IMPORT (NO S1 &amp; S2)</b>	<b>908</b>	<b>324</b>	<b>967</b>	<b>1,568</b>	<b>1,429</b>	<b>1,989</b>	<b>2,415</b>	<b>2,566</b>	<b>2,284</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,460</b>
<b>TOTAL GROSS PRODUCTION (GW + IMPORT)</b>	<b>1,232</b>	<b>847</b>	<b>1,185</b>	<b>1,986</b>	<b>1,903</b>	<b>2,484</b>	<b>2,943</b>	<b>3,085</b>	<b>2,786</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,450</b>
<b>TOTAL INTERTIE TRANSFERS</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 NET PRODUCTION</b>	<b>1,232</b>	<b>847</b>	<b>1,185</b>	<b>1,986</b>	<b>1,903</b>	<b>2,484</b>	<b>2,943</b>	<b>3,085</b>	<b>2,786</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,450</b>
<b>% BY SOURCE</b>													
GROUNDWATER	26%	62%	18%	21%	25%	20%	18%	17%	18%				22%
IMPORT	74%	38%	82%	79%	75%	80%	82%	83%	82%				78%
INTERTIE	0%	0%	0%	0%	0%	0%	0%	0%	0%				0%
<b>VALLEY CENTER (NON-SYSTEM) *</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.33</b>	<b>0</b>				<b>0.33</b>

\* Not used in the calculation for % by Source

VALENCIA WATER DIVISION  
WATER PRODUCTION 2019 (ACRE-FEET)

ALLUVIUM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
D	34	28	8	5	5	6	7	12	14				118
E15	35	21	1	6	9	8	11	14	32				137
N	20	36	5	25	30	37	43	58	61				314
N7	91	23	8	23	40	49	43	109	100				486
N8	39	16	2	33	27	37	100	60	68				382
Q2	64	52	4	20	18	0	0	0	0				157
T7	8	4	2	4	6	7	21	39	16				106
U6	2	3	2	5	6	8	33	49	9				116
U4	3	2	1	3	3	3	18	23	5				59
S6	64	74	13	33	50	64	26	0	0				324
S7	24	24	8	5	13	8	10	17	8				117
S8	9	30	4	9	9	13	2	10	7				93
W11	24	30	2	56	49	73	88	103	1				425
W9	22	9	5	39	36	41	98	92	101				443
W10	87	61	8	36	52	74	71	147	152				688
<b>TOTAL ALLUVIUM</b>	<b>525</b>	<b>412</b>	<b>73</b>	<b>302</b>	<b>353</b>	<b>428</b>	<b>568</b>	<b>731</b>	<b>573</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3966</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	0	0	0	5	0	0	0				6
160 - DOM	2	2	1	1	2	1	2	3	2				15
160 - VGC*	10	4	19	56	45	66	90	83	40				414
201	0	0	0	0	0	0	0	0	0				0
205	0	0	0	0	0	0	0	0	0				0
206	95	84	7	42	37	54	58	84	65				525
207	120	66	6	57	54	50	116	87	100				656
<b>TOTAL SAUGUS</b>	<b>226</b>	<b>157</b>	<b>33</b>	<b>156</b>	<b>138</b>	<b>177</b>	<b>265</b>	<b>257</b>	<b>207</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1615</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	23	115	160	204	240	323	351	312				1810
V-2	65	42	180	351	289	427	452	454	462				2721
V-4	25	14	154	251	229	266	311	330	334				1915
V-5	96	63	180	143	159	307	447	461	406				2263
V-6	99	37	84	60	67	67	70	96	81				661
V-7	18	8	61	160	115	148	150	124	116				899
V-8	128	46	431	694	637	738	738	701	637				4750
<b>TOTAL IMPORT</b>	<b>513</b>	<b>232</b>	<b>1205</b>	<b>1,819</b>	<b>1,701</b>	<b>2,193</b>	<b>2,491</b>	<b>2,518</b>	<b>2,348</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,018</b>
<b>TOTAL GROUNDWATER</b>	<b>752</b>	<b>569</b>	<b>106</b>	<b>457</b>	<b>491</b>	<b>605</b>	<b>834</b>	<b>988</b>	<b>780</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,581</b>
<b>TOTAL IMPORT</b>	<b>513</b>	<b>232</b>	<b>1,205</b>	<b>1,819</b>	<b>1,701</b>	<b>2,193</b>	<b>2,491</b>	<b>2,518</b>	<b>2,348</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,018</b>
<b>TOTAL GROSS PRODUCTION</b>	<b>1,265</b>	<b>801</b>	<b>1,311</b>	<b>2,276</b>	<b>2,192</b>	<b>2,797</b>	<b>3,324</b>	<b>3,506</b>	<b>3,128</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,599</b>
<b>TOTAL INTERTIE TRANSFERS</b>	<b>0</b>	<b>-50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>
<b>TOTAL NET PRODUCTION</b>	<b>1,265</b>	<b>751</b>	<b>1,311</b>	<b>2,276</b>	<b>2,192</b>	<b>2,811</b>	<b>3,377</b>	<b>3,506</b>	<b>3,128</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,614</b>
<b>% BY SOURCE</b>													
GROUNDWATER	59%	71%	7%	18%	21%	20%	23%	26%	24%				26%
IMPORT WATER	41%	29%	93%	82%	79%	80%	77%	74%	76%				74%
INTERTIE	0%	-7%	0%	0%	0%	0%	2%	0%	0%				0%
<b>RECYCLED WATER</b>	<b>2</b>	<b>0</b>	<b>10</b>	<b>50</b>	<b>36</b>	<b>59</b>	<b>76</b>	<b>70</b>	<b>64</b>				<b>366</b>
Well 201 Discharge *	106	31	106	99	108	101	105	103	102				861
Well Q2 Non-System *	0	0	0	0	0	0.05	0.09	0.13	0.60				0.87

\*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	0.0276	0.046	0	0.00	0	0	0				0.12
LA 2	1.0925	0.5371	0.5432	0	0	0.00	1.989	0.3744	0.491				5.03
<b>TOTAL</b>	<b>1.1416</b>	<b>0.5371</b>	<b>0.5708</b>	<b>0.046</b>	<b>0</b>	<b>0</b>	<b>1.989</b>	<b>0.3744</b>	<b>0.491</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>5.15</b>

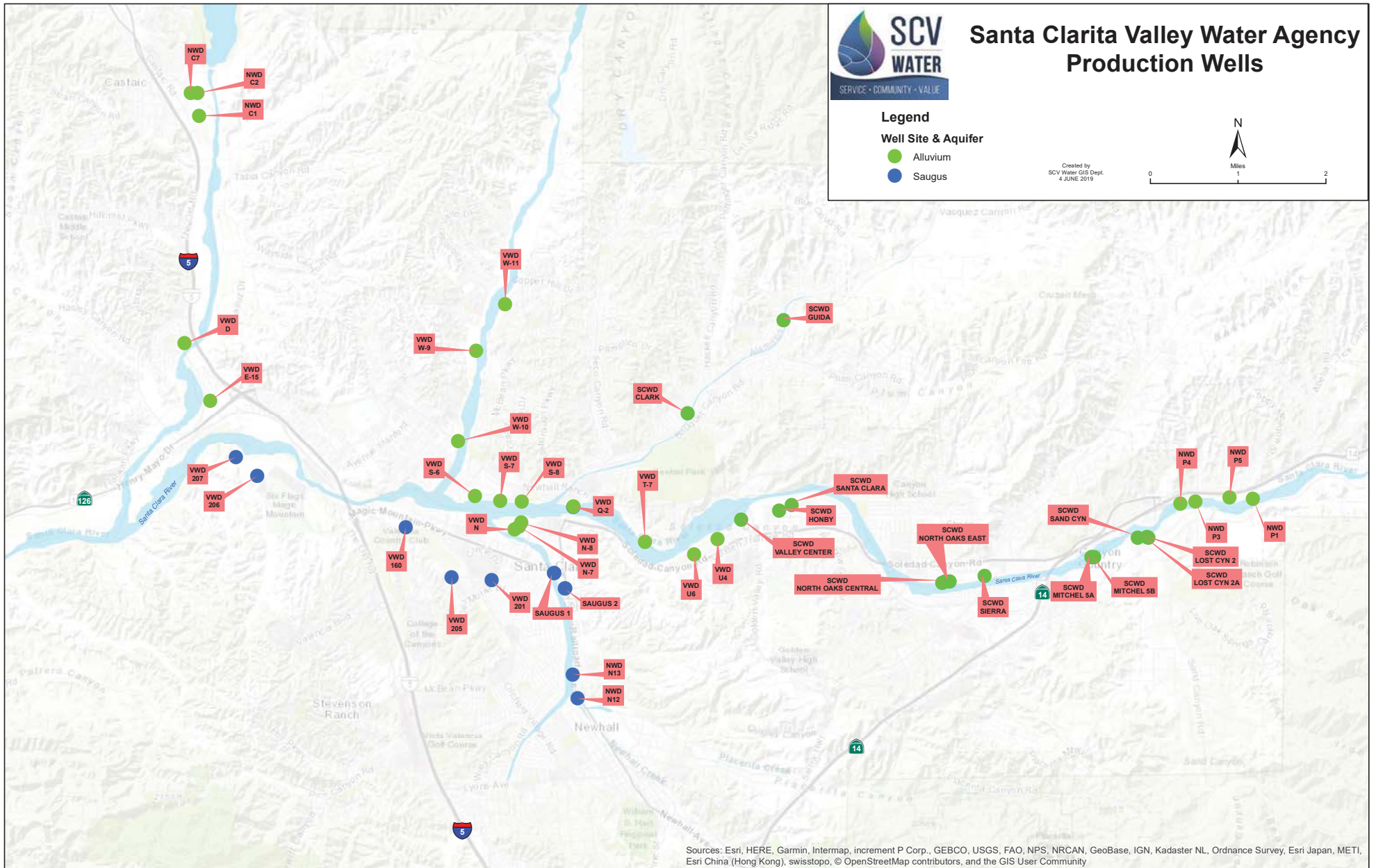
**RAW WATER**

<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	0	933	1,910	1683	2175	2,588	2,577	2,404				14,354.32
ESTP	1,560	458	1,665	1,992	1869	2622	3,071	3,057	2,719				19,013.10
Wells	275	230	288	276	277	273	267	242	261				2,388.61
<b>TOTAL</b>	<b>1,920</b>	<b>688</b>	<b>2,886</b>	<b>4,178</b>	<b>3,828</b>	<b>5,071</b>	<b>5,926</b>	<b>5,875</b>	<b>5,384</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35,756.02</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	115.9	148.82	145.9	148.67	142.1	139.7	117.34	129.21				1230.86
S2	131.98	114.01	138.91	129.74	128.26	131.08	127.4	124.54	131.85				1157.75
<b>TOTAL</b>	<b>275.17</b>	<b>229.91</b>	<b>287.73</b>	<b>275.65</b>	<b>276.93</b>	<b>273.18</b>	<b>267.1</b>	<b>241.88</b>	<b>261.06</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2388.61</b>

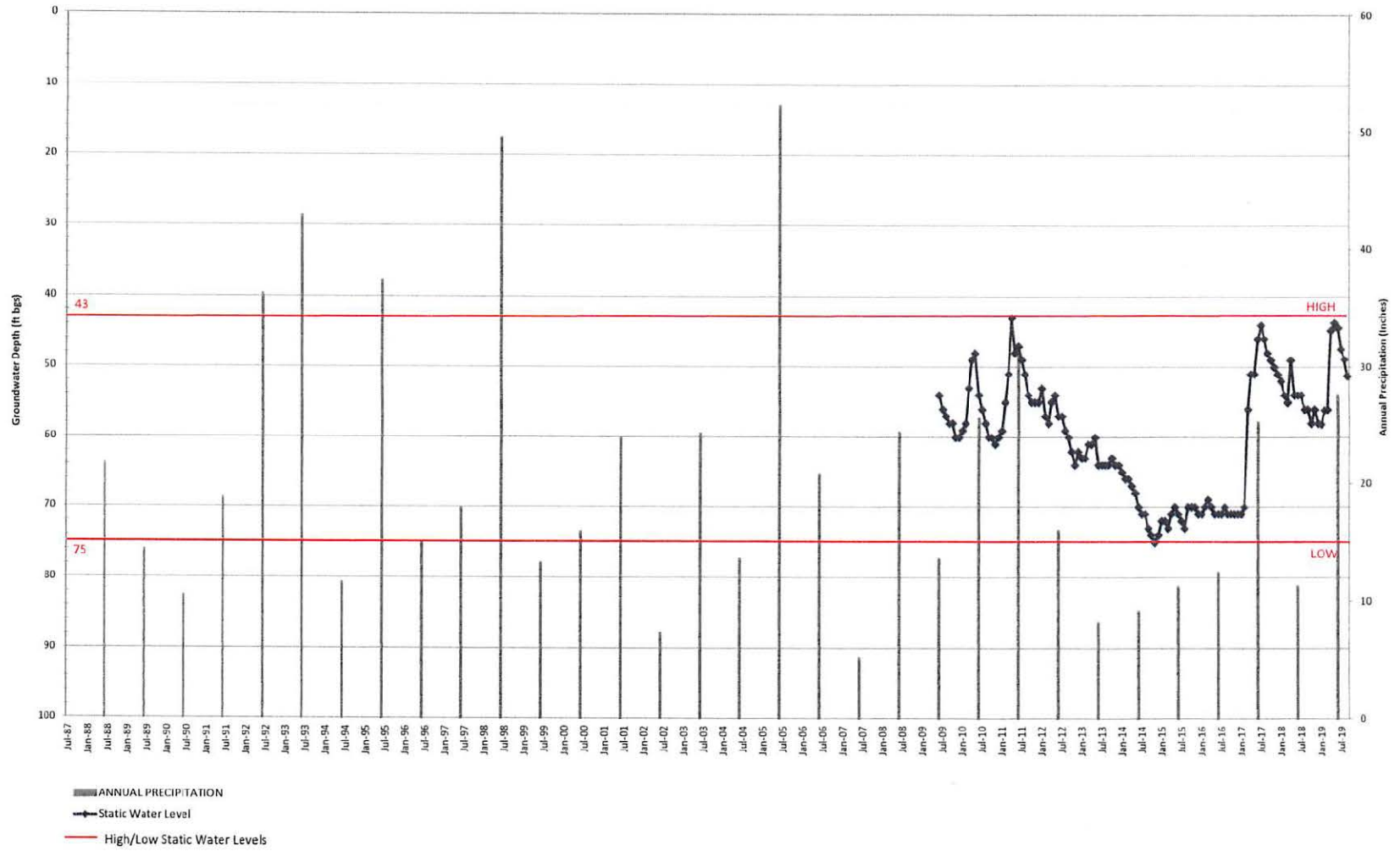
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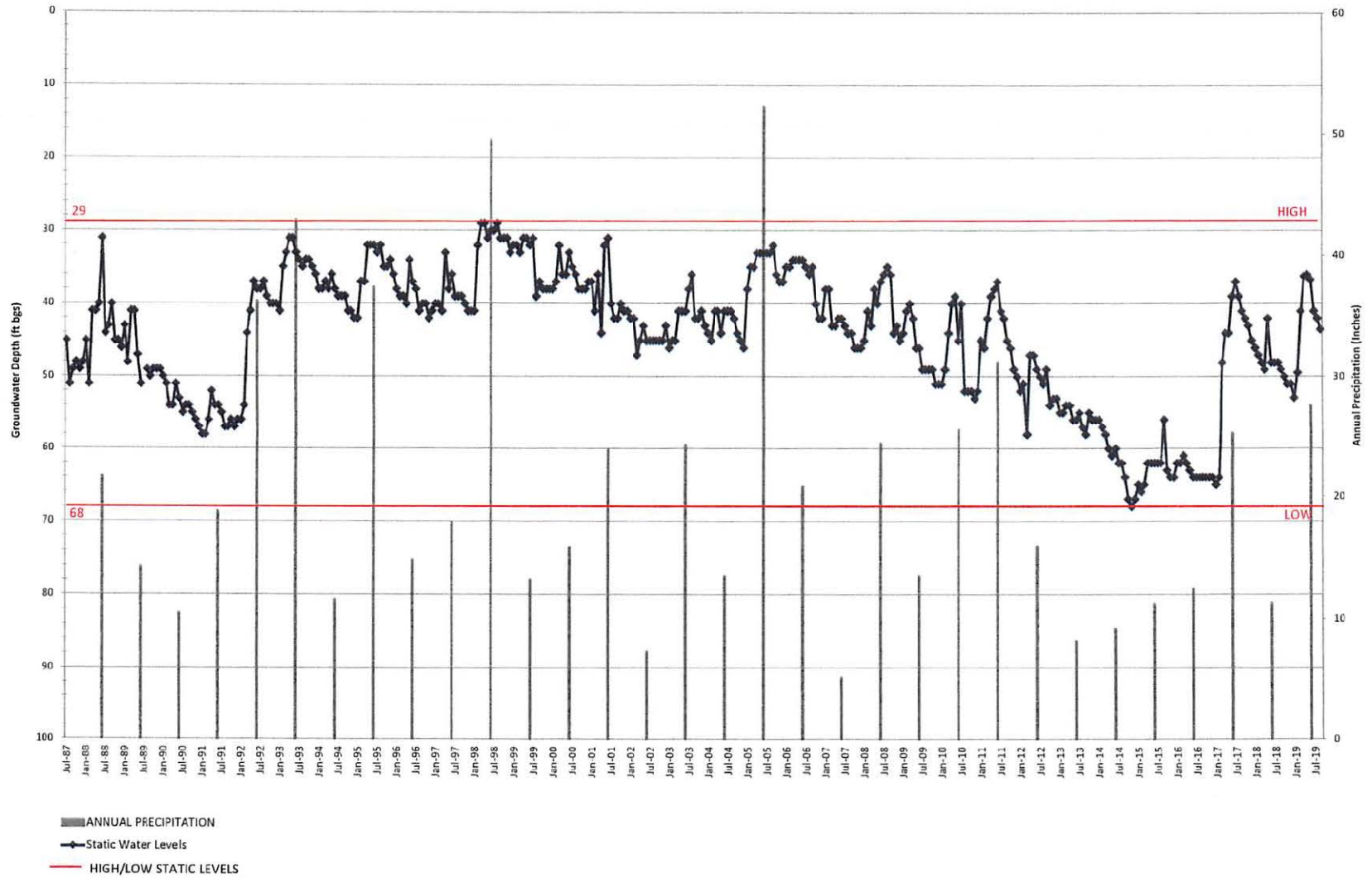
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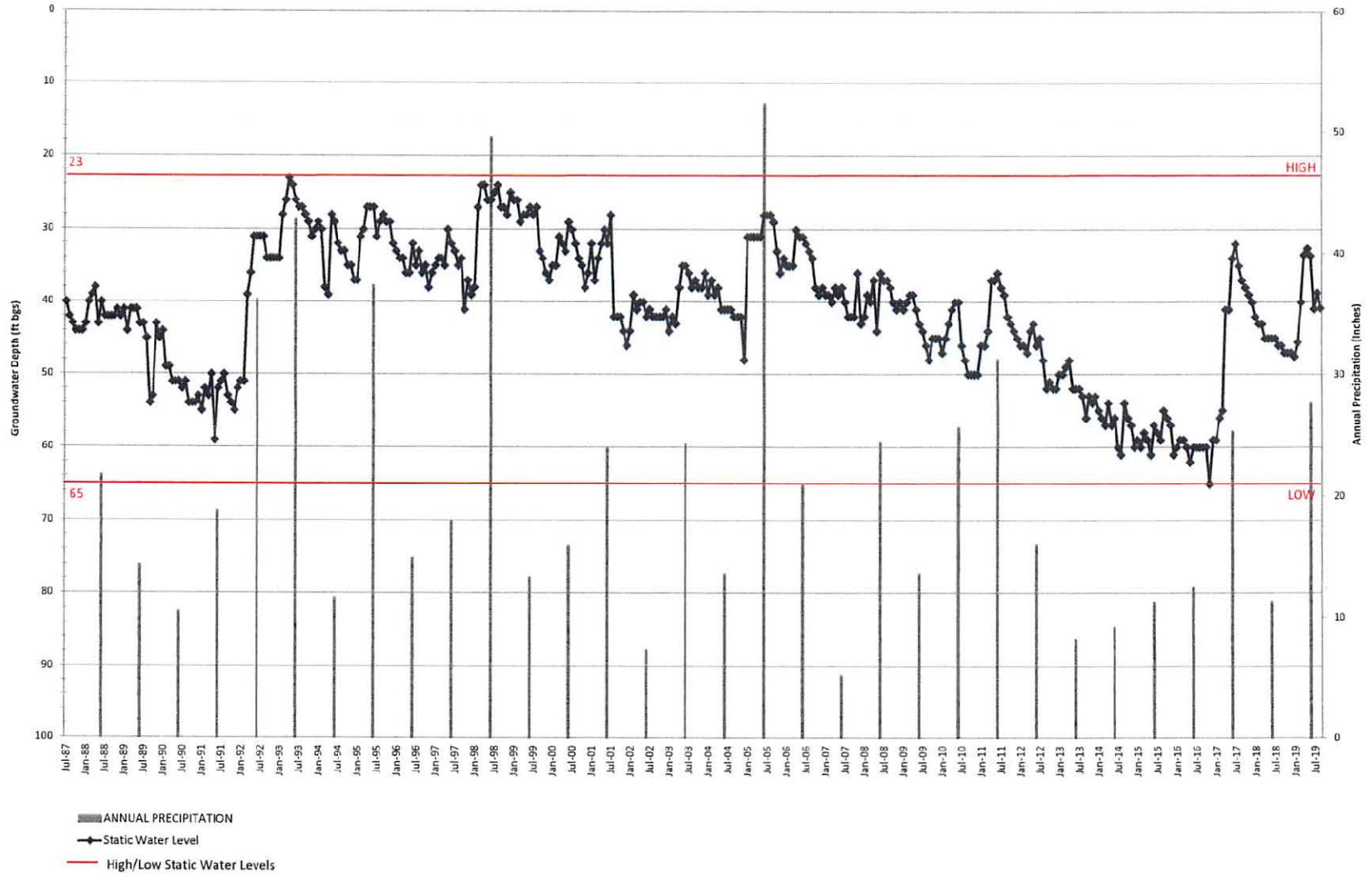
**SCV WATER WELL C7**  
 STATIC WATER LEVEL VS PRECIPITATION



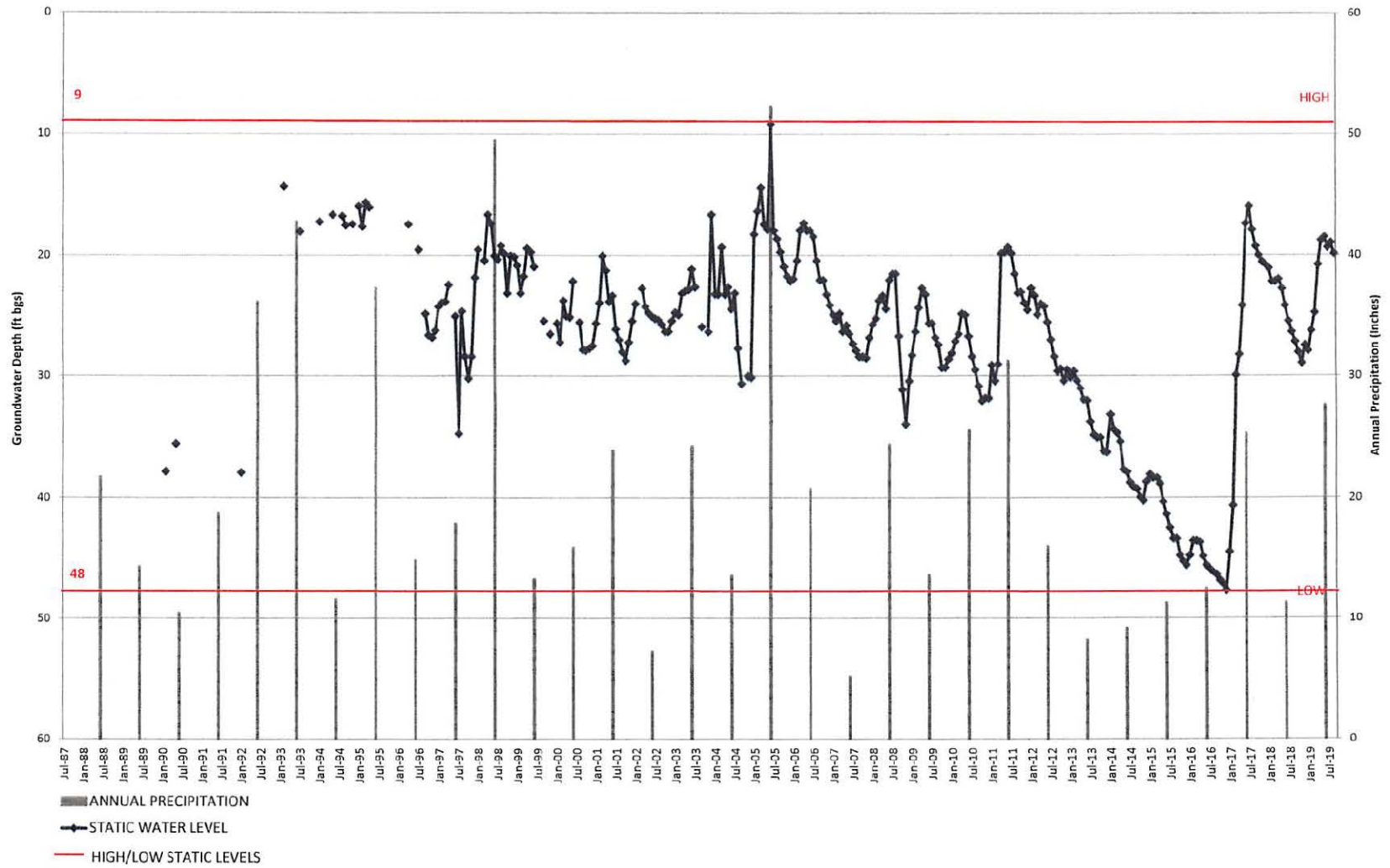
**SCV WATER WELL C2**  
 STATIC WATER LEVEL VS PRECIPITATION



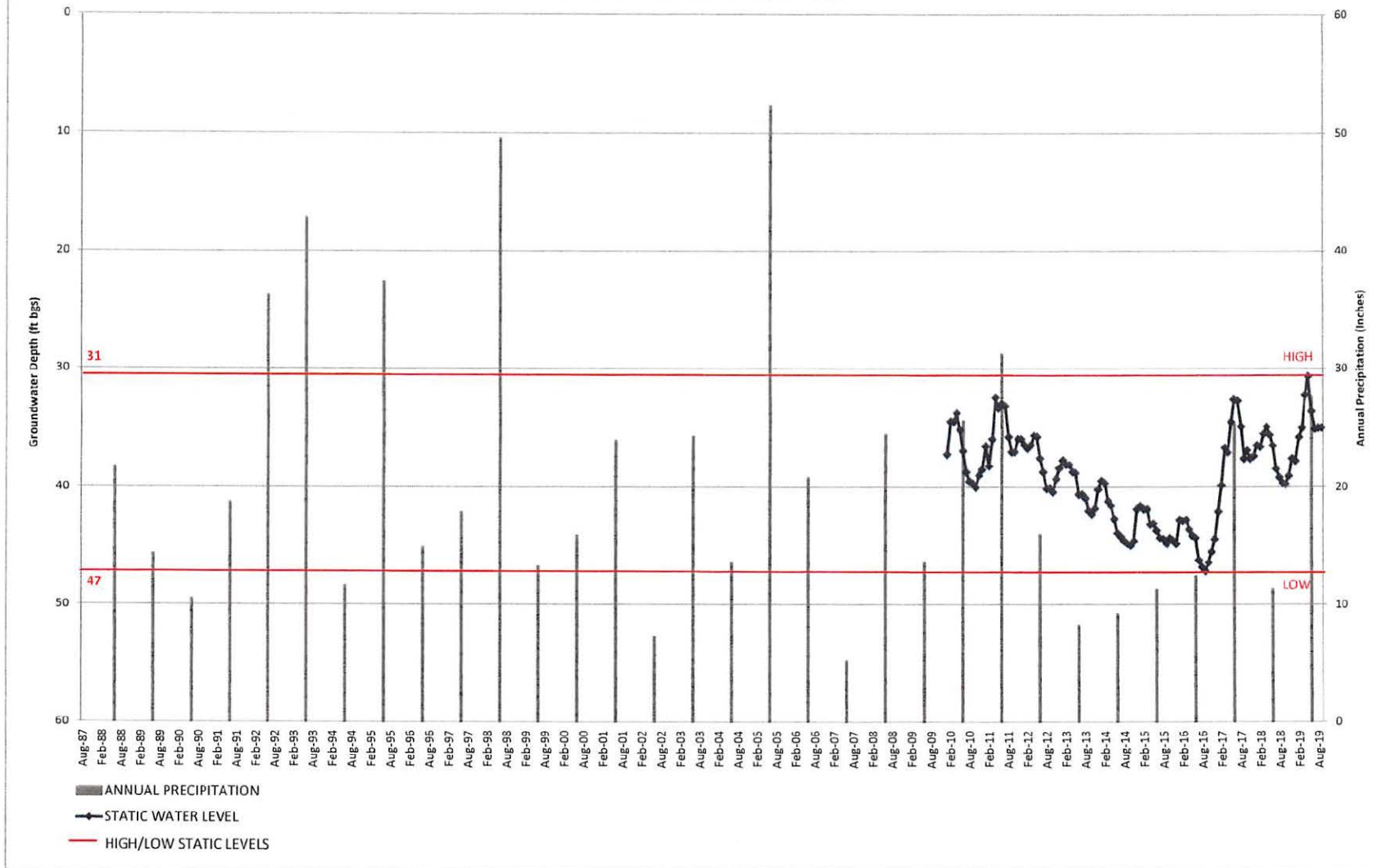
SCV WATER WELL C1  
 STATIC WATER LEVEL VS PRECIPITATION



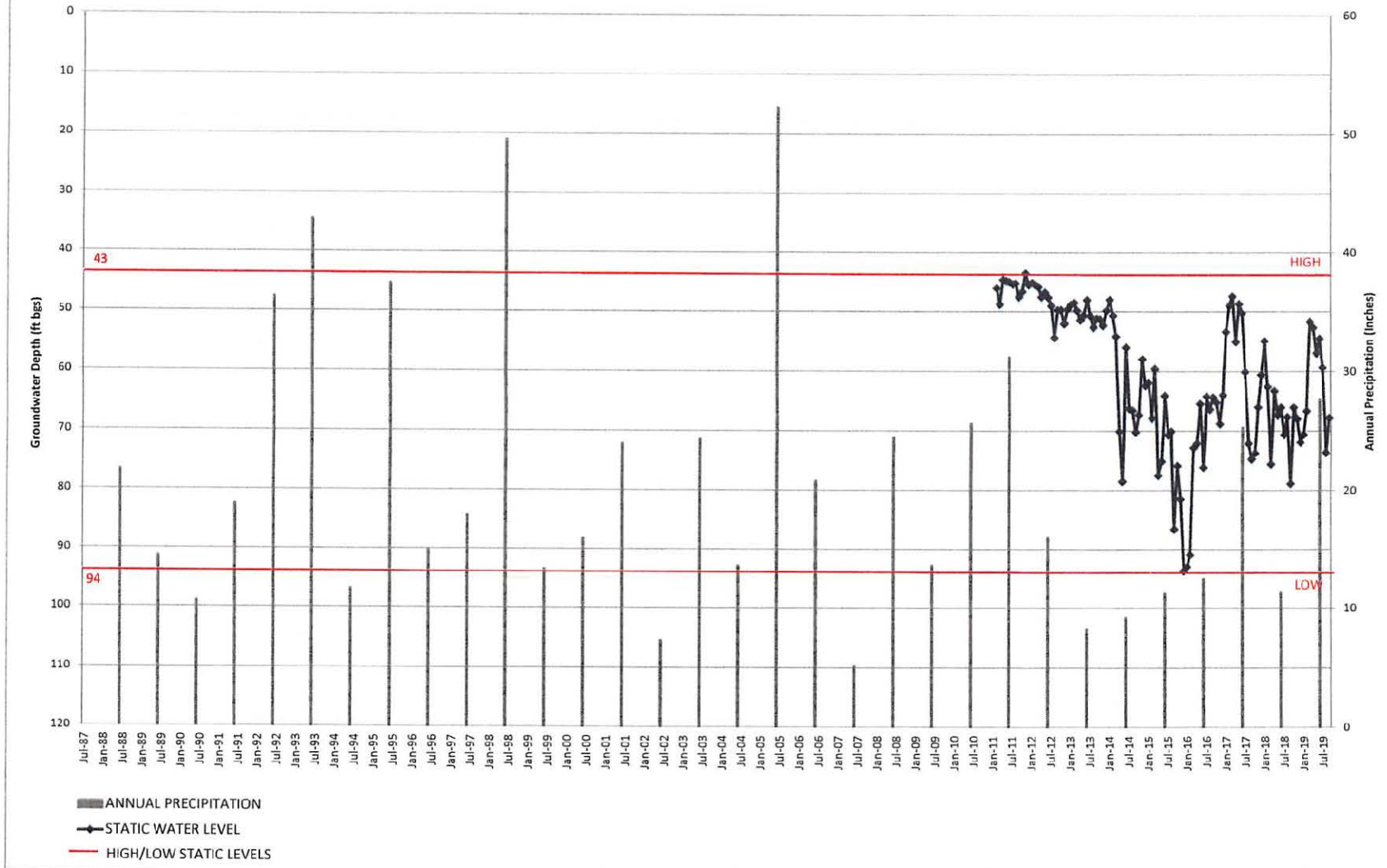
**SCV WATER WELL D**  
 STATIC WATER LEVEL VS PRECIPITATION



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

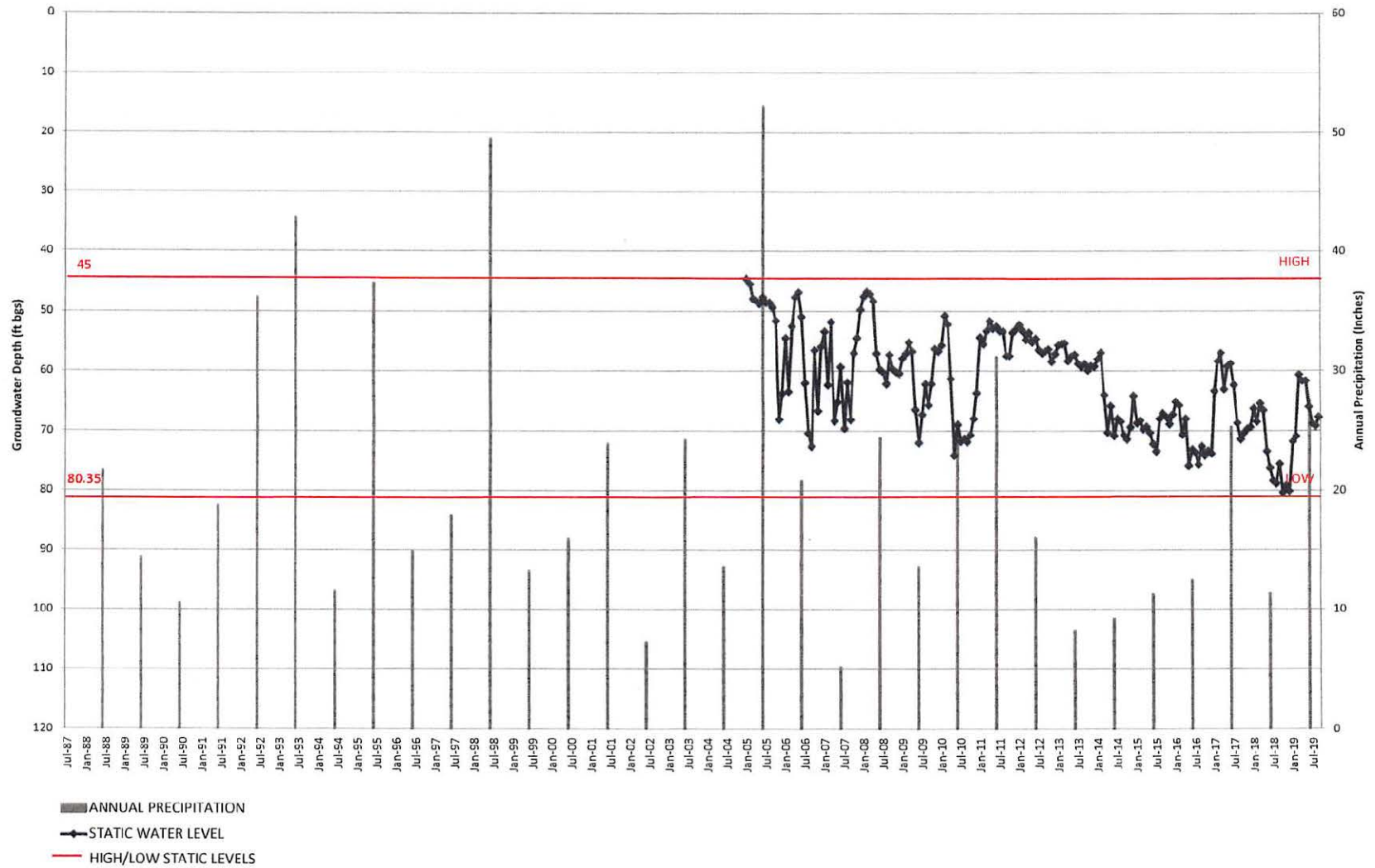


**SCV WATER WELL 207**  
**STATIC WATER LEVEL VS PRECIPITATION**

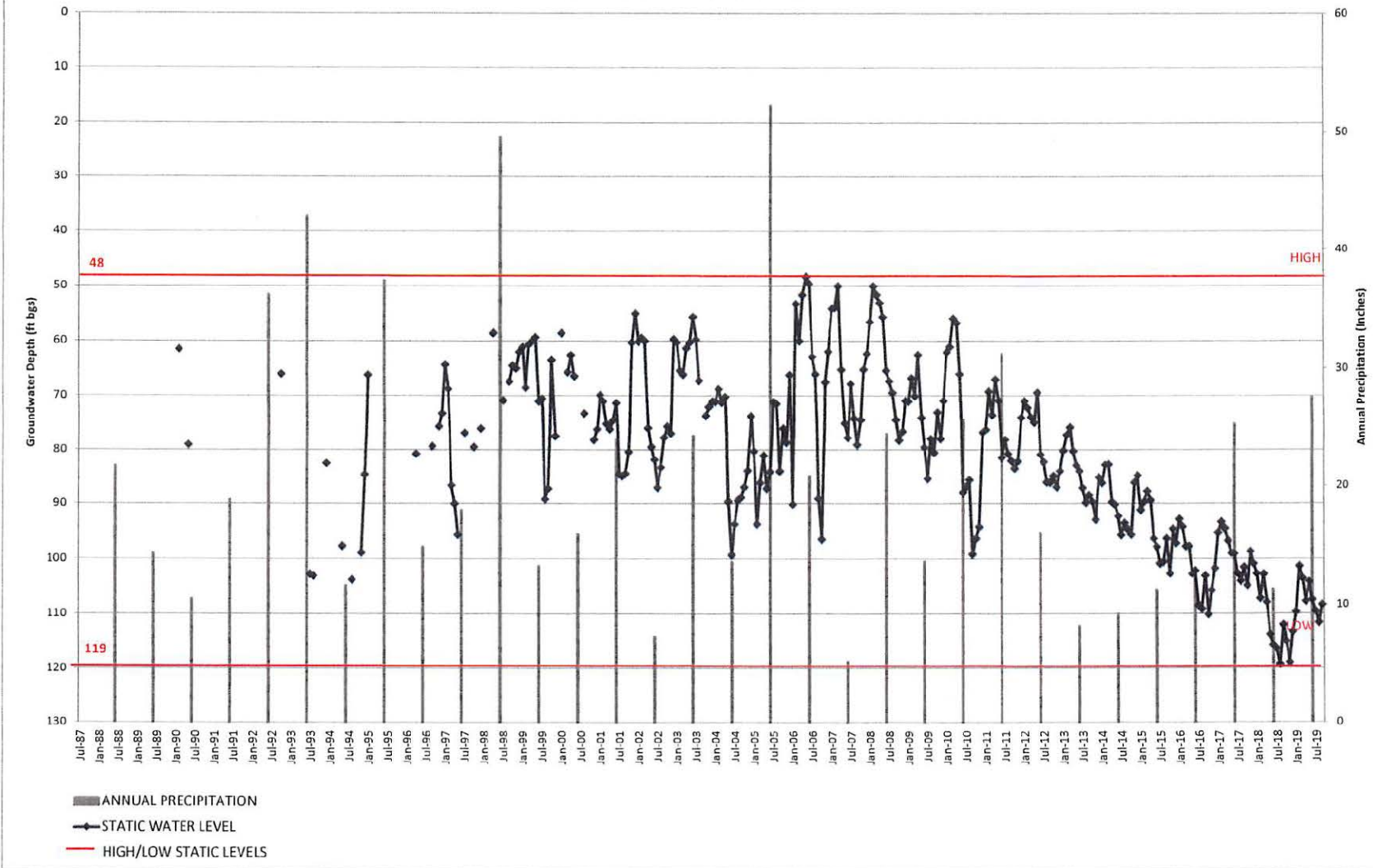




**SCV WATER WELL 206**  
**STATIC WATER LEVEL VS PRECIPITATION**

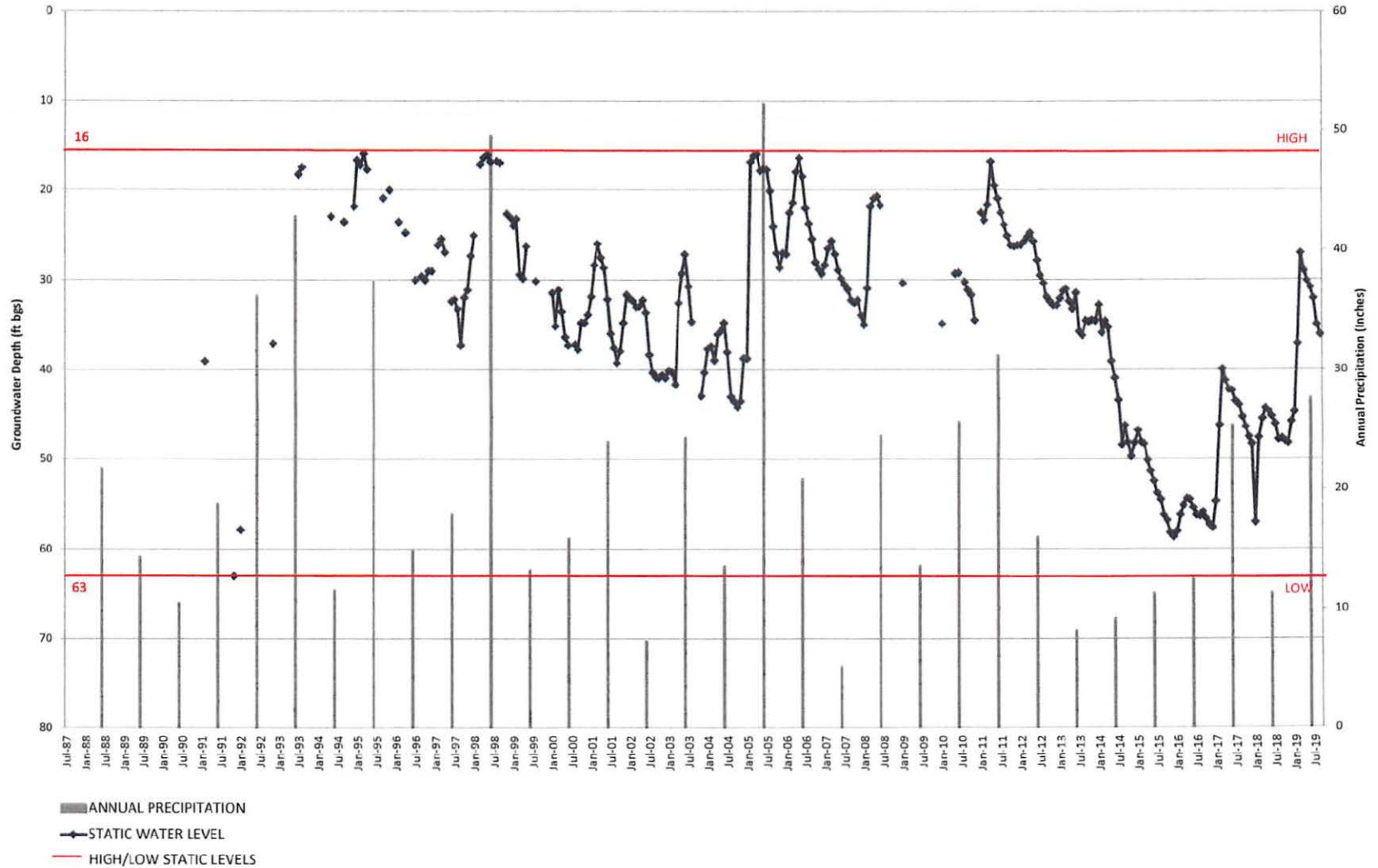


**SCV WATER WELL 160**  
**STATIC WATER LEVEL VS PRECIPITATION**

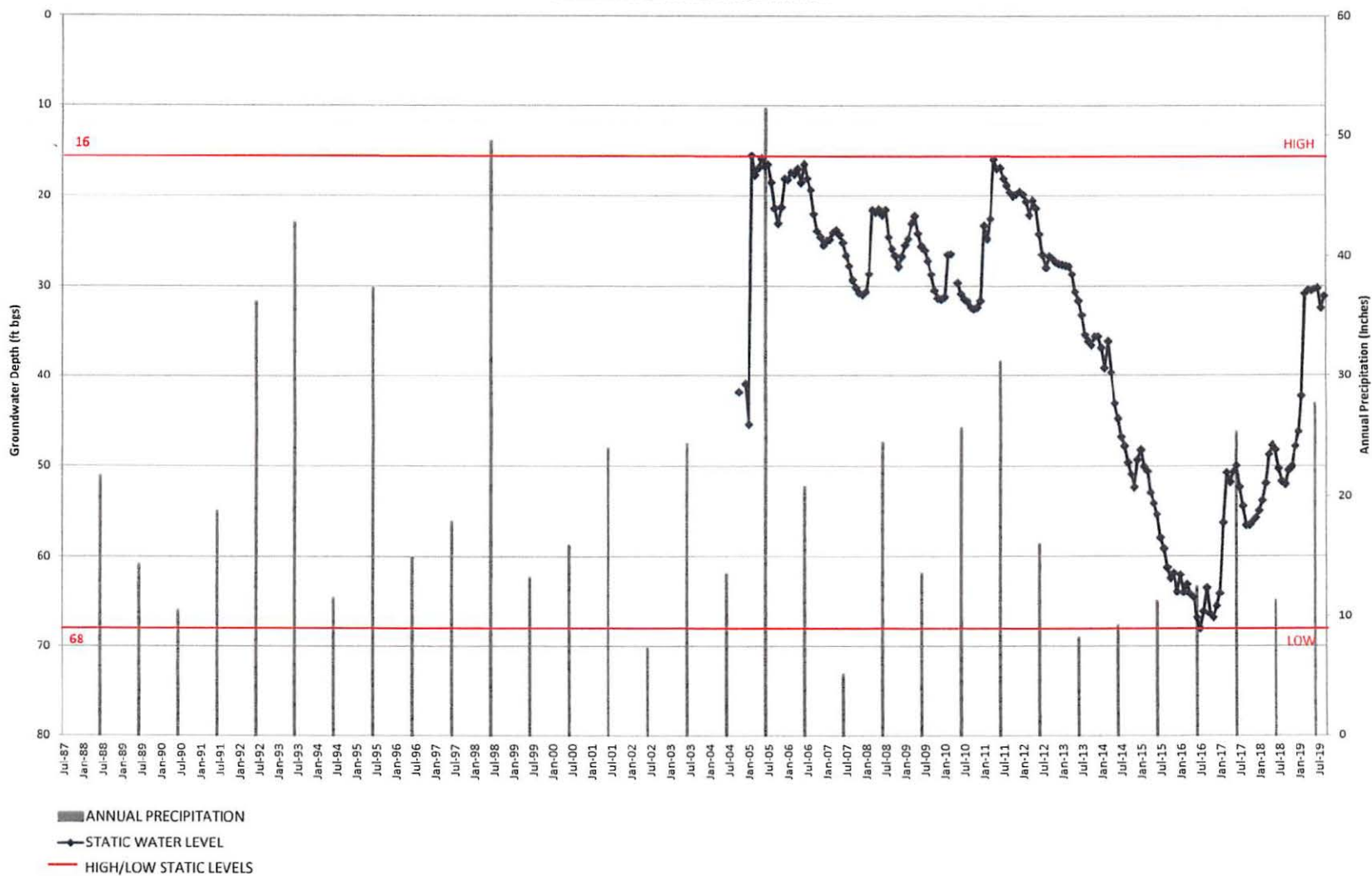




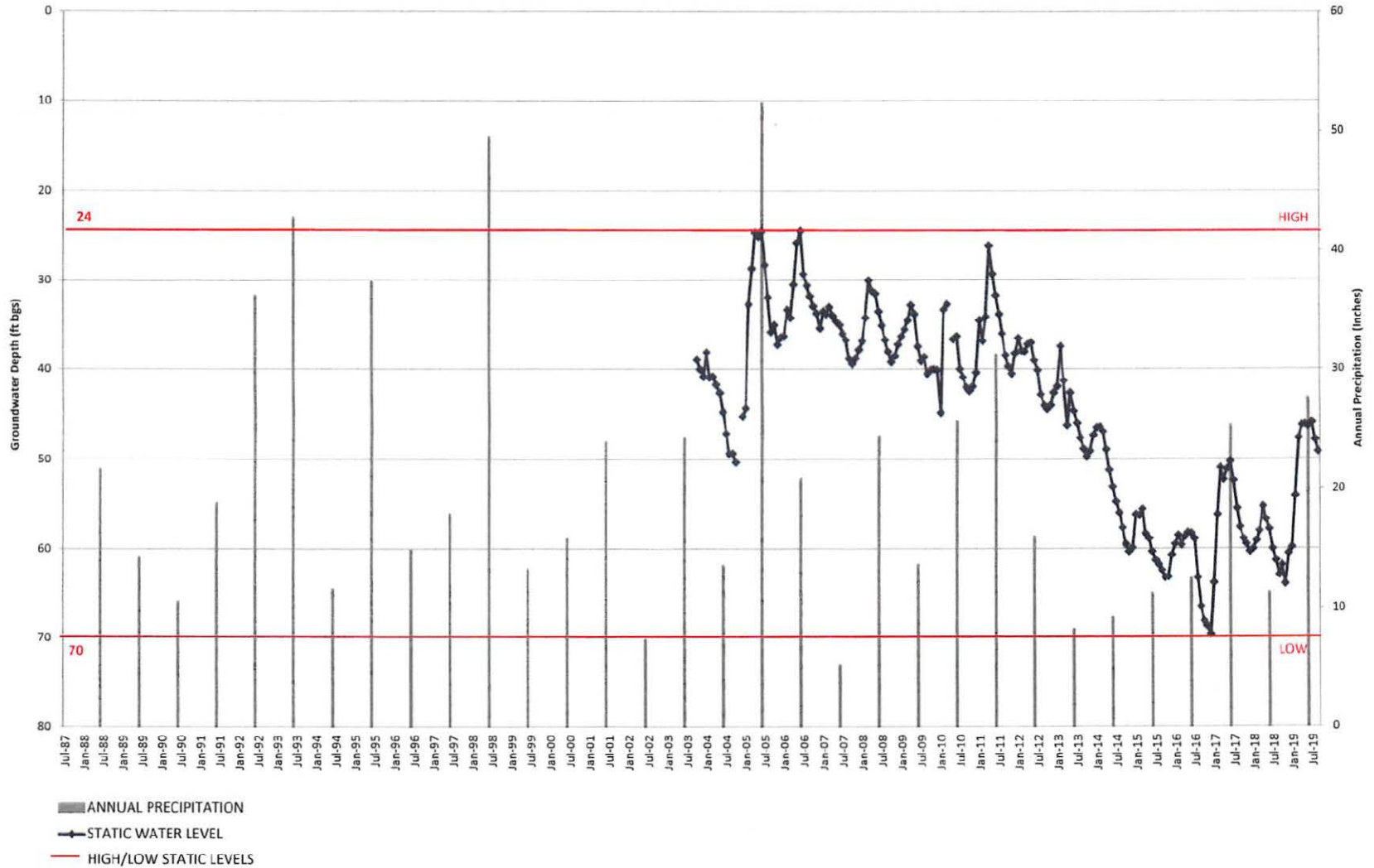
**SCV WATER WELL W9**  
 STATIC WATER LEVEL VS PRECIPITATION



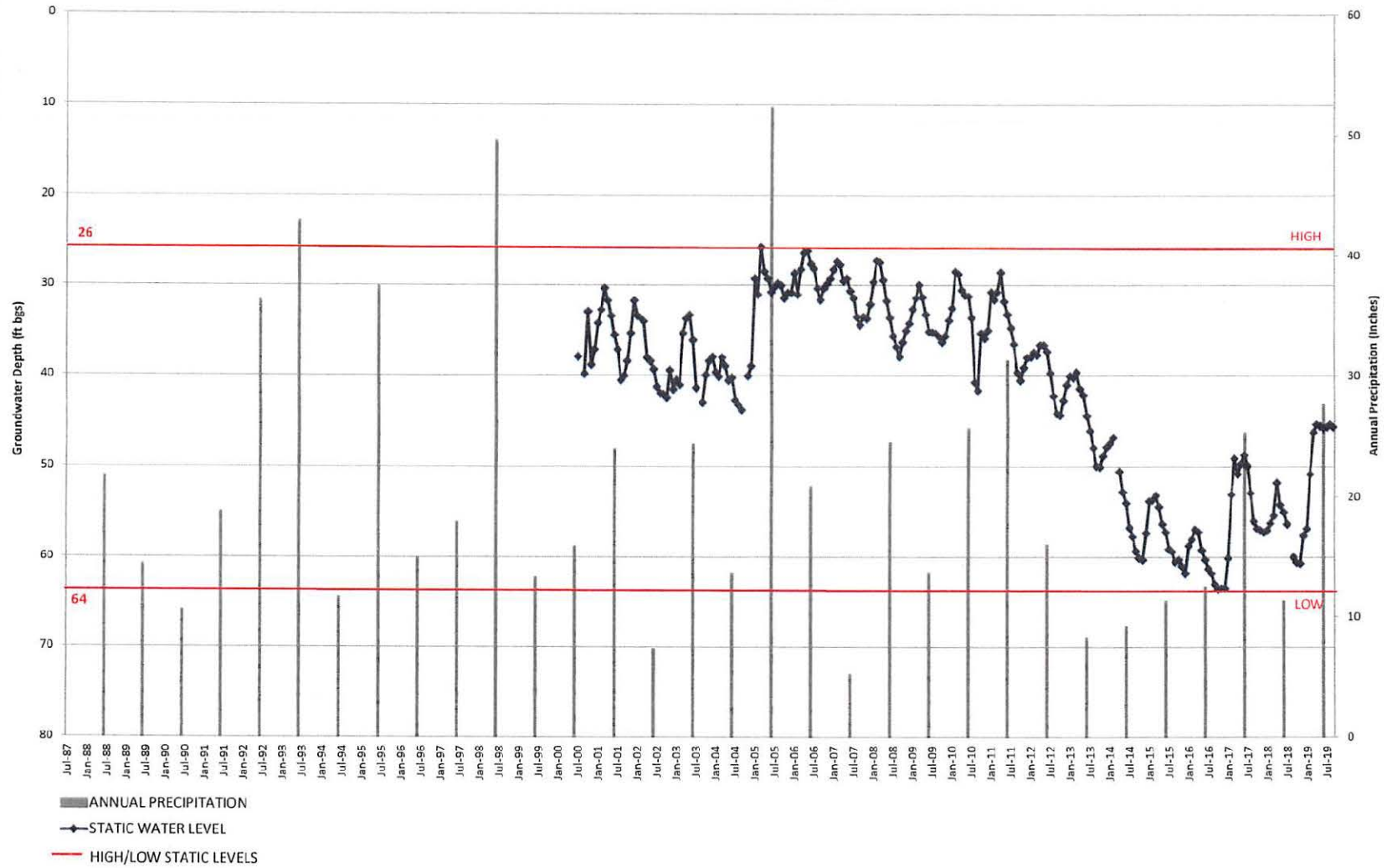
**SCV WATER WELL W11**  
 STATIC WATER LEVEL PRECIPITATION



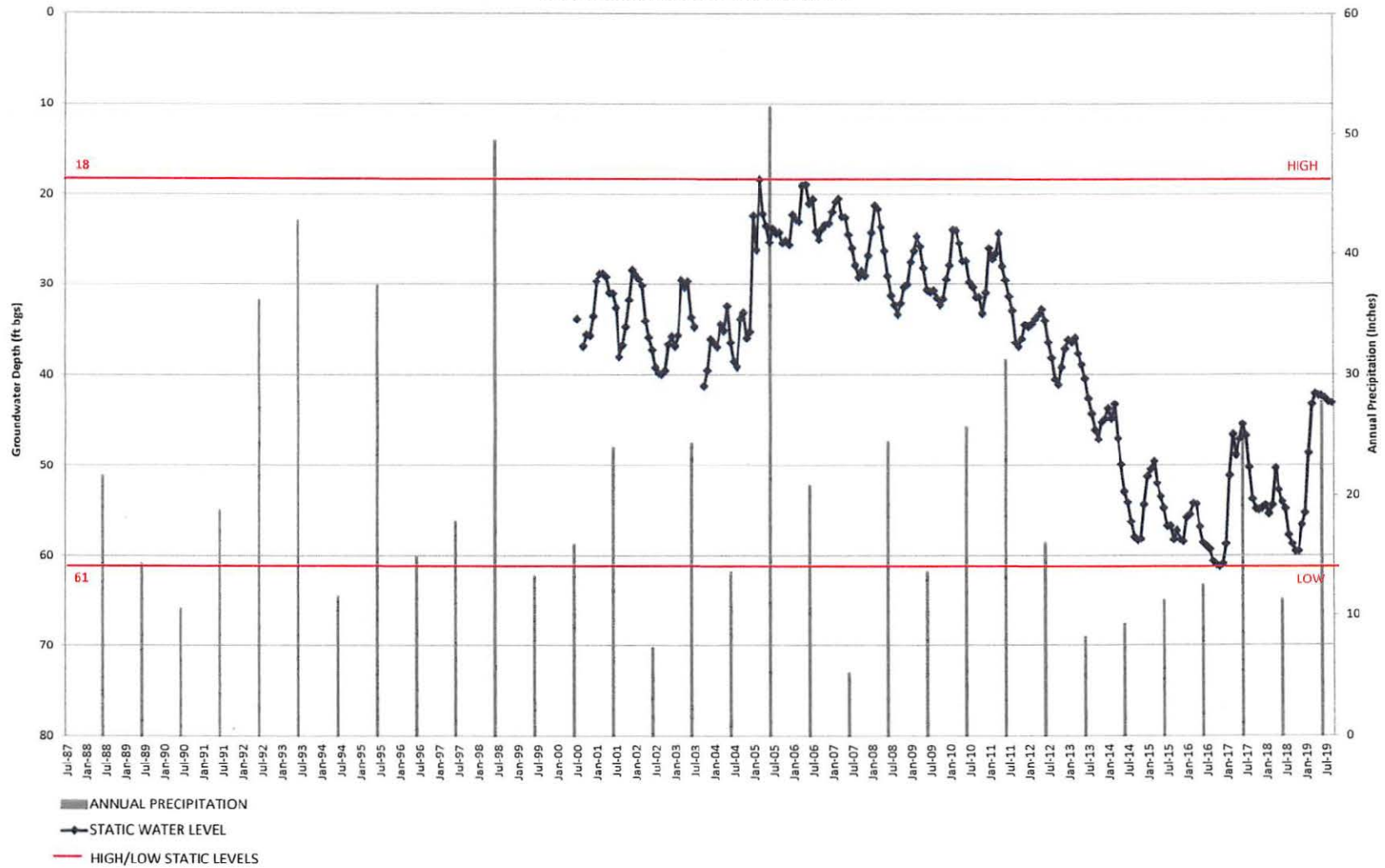
**SCV WATER WELL W10**  
 STATIC WATER LEVEL VS PRECIPITATION



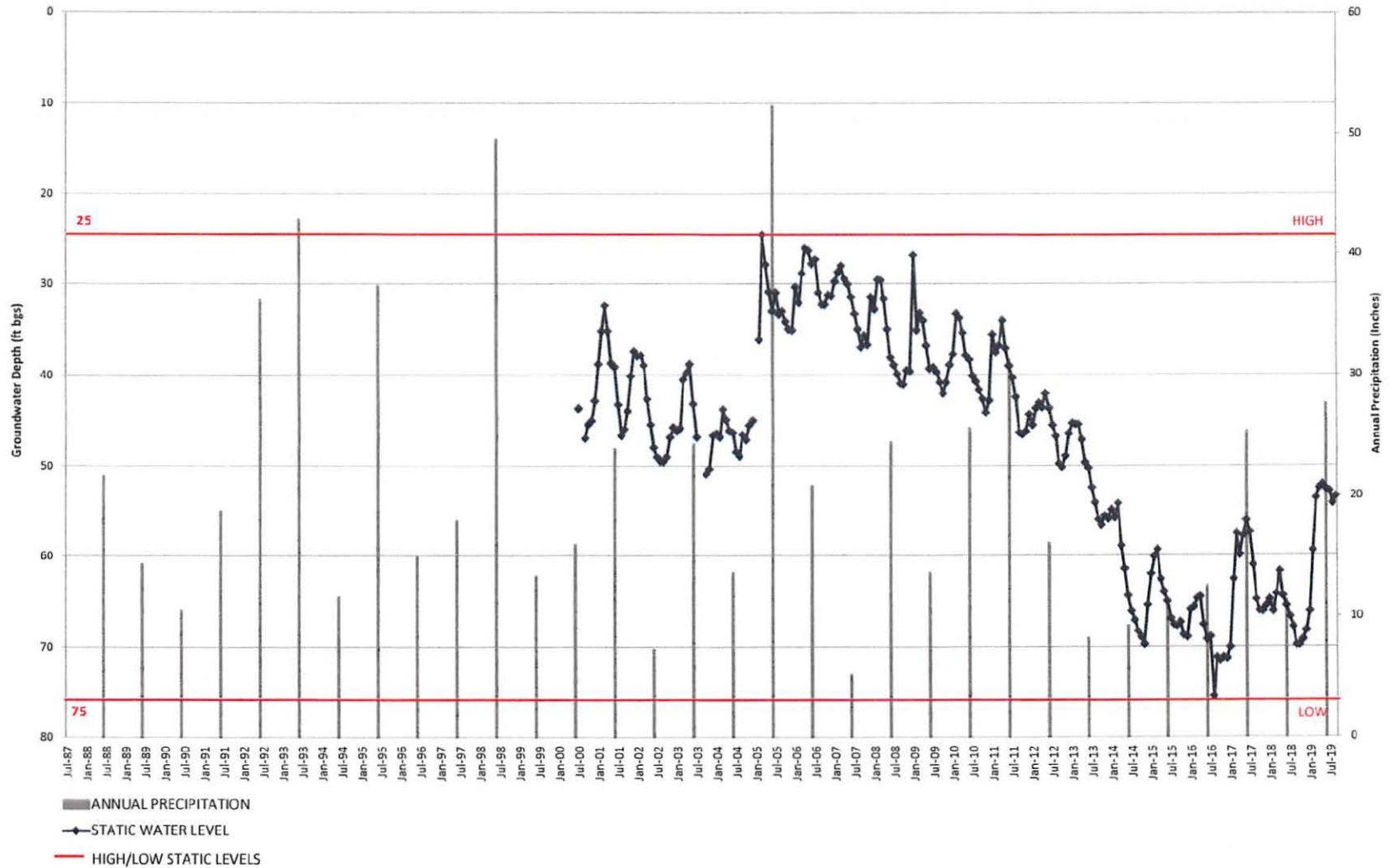
**SCV WATER WELL S6**  
 STATIC WATER LEVEL VS PRECIPITATION



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

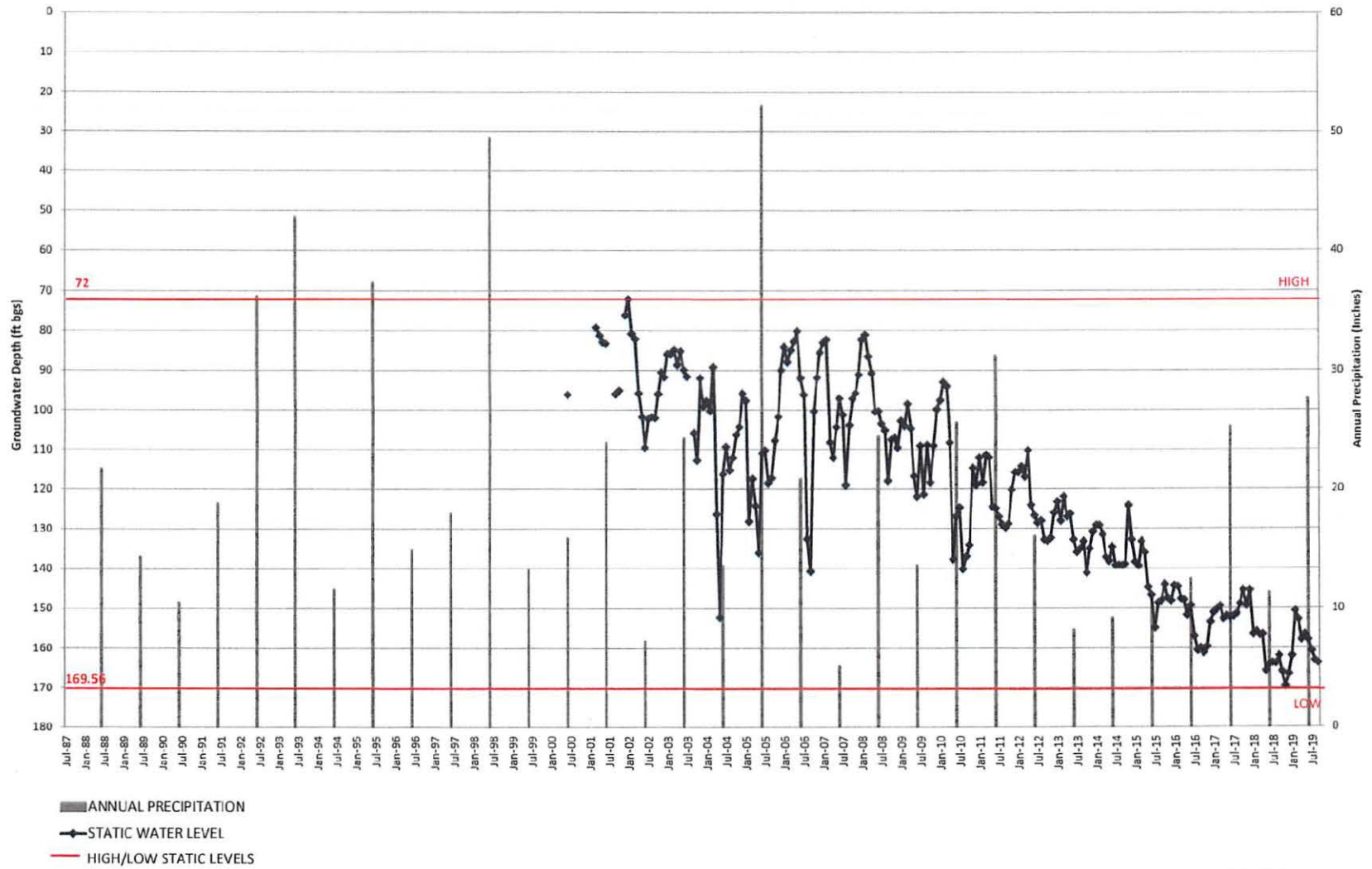


**SCV WATER WELL S8**  
**STATIC WATER LEVEL VS PRECIPITATION**

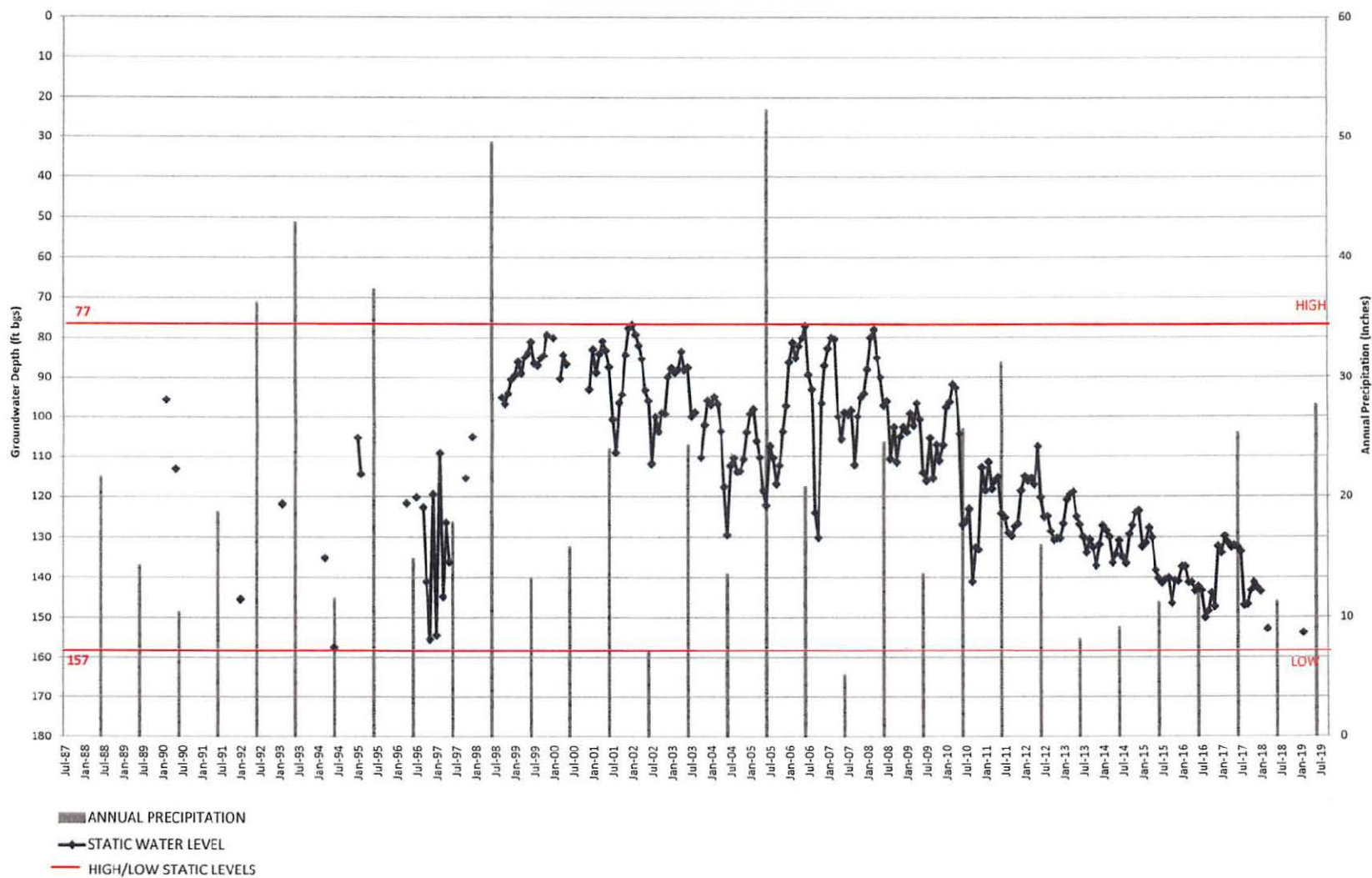




**SCV WATER WELL 205**  
 STATIC WATER LEVEL VS PRECIPITATION

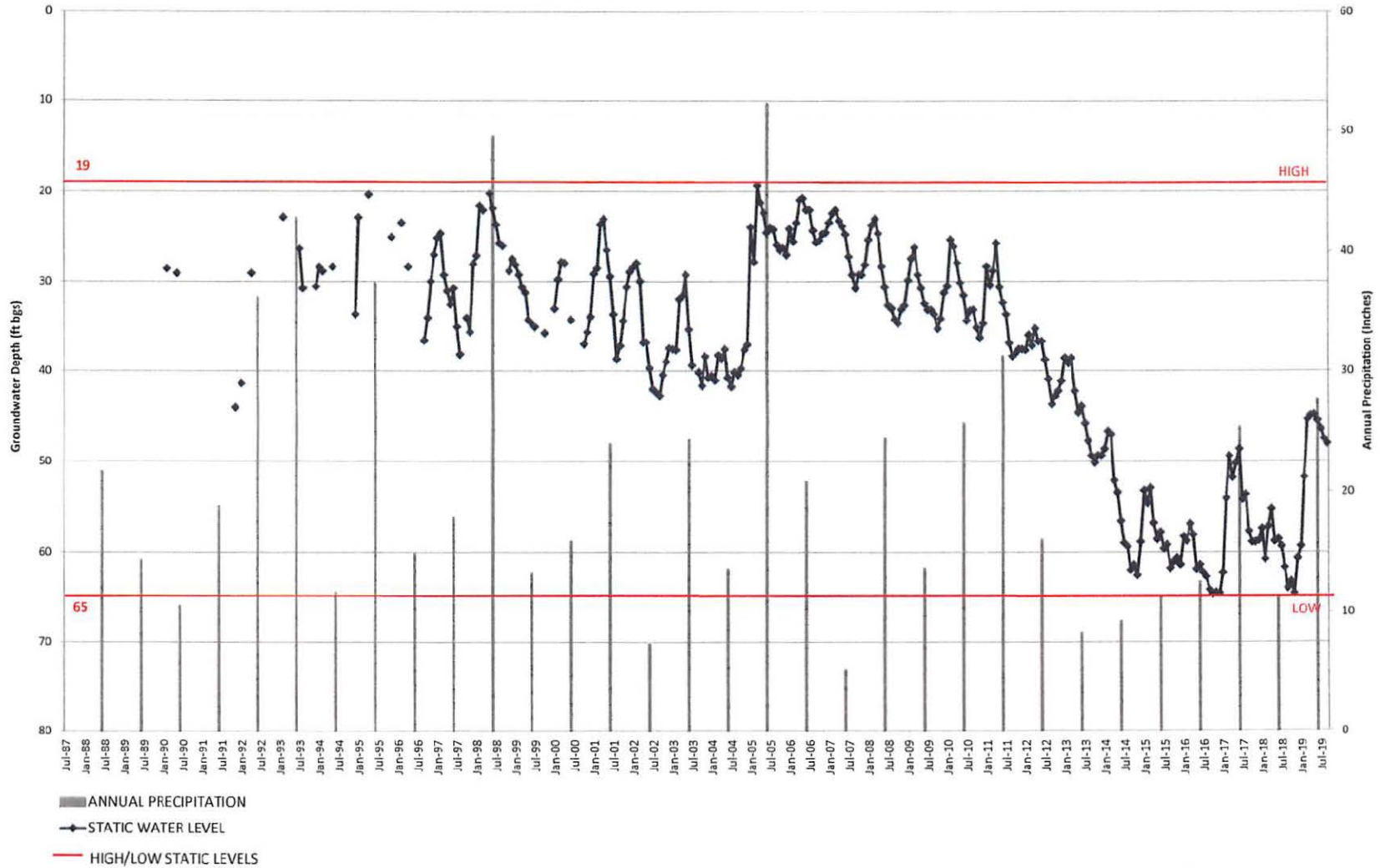


**SCV WATER WELL 201**  
**STATIC WATER LEVEL VS PRECIPITATION**

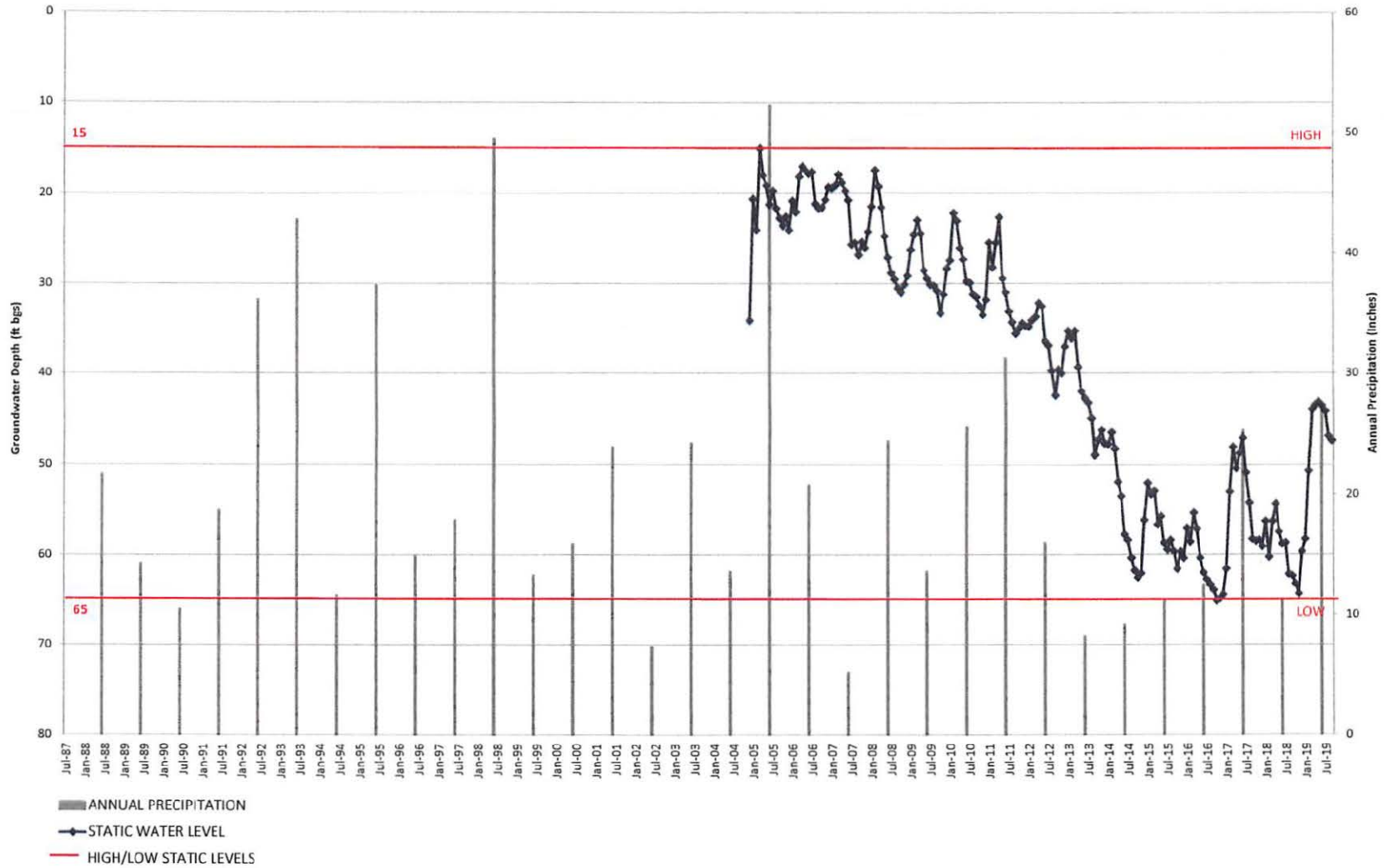




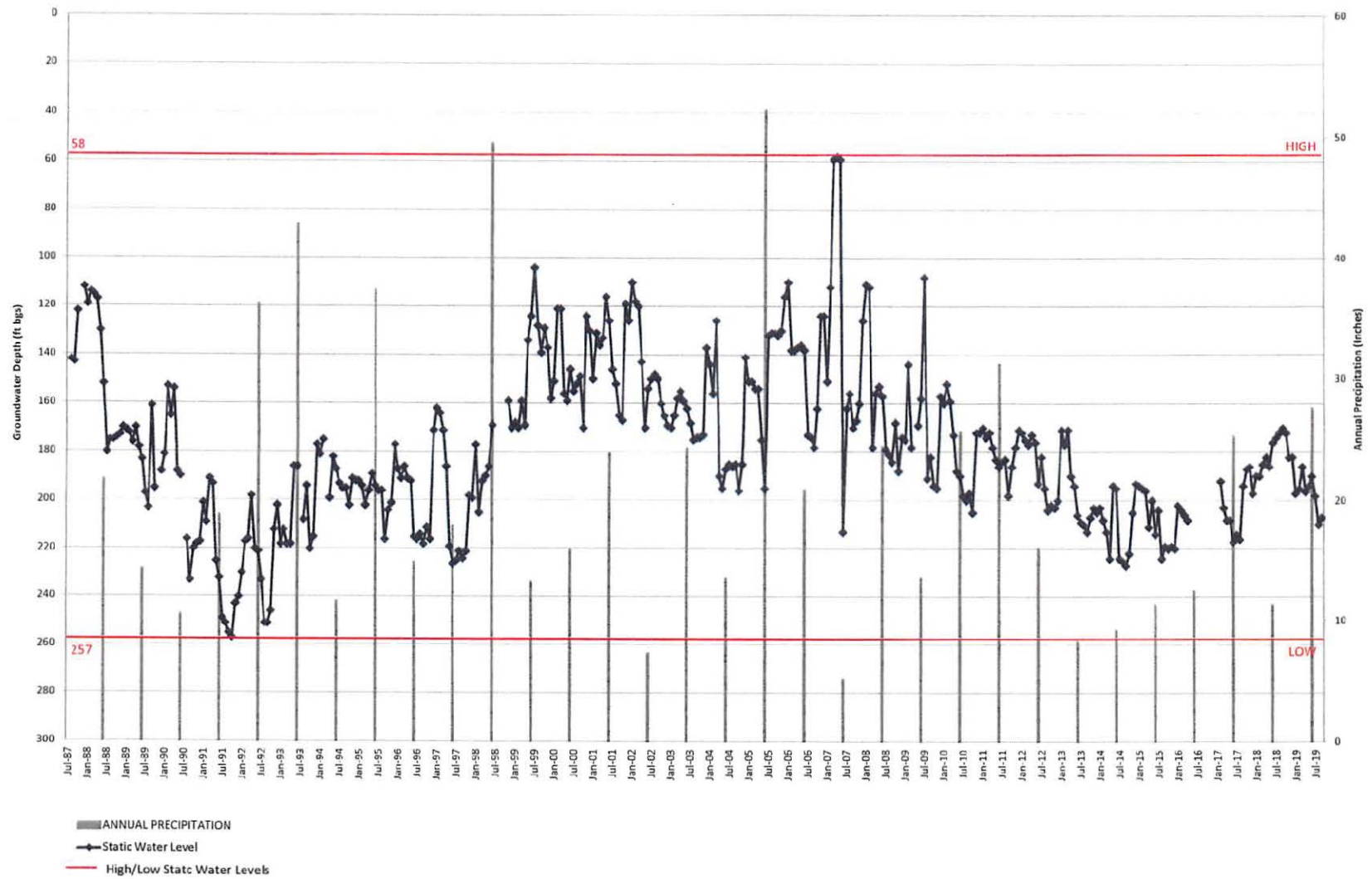
**SCV WATER WELL N**  
 STATIC WATER LEVEL VS PRECIPITATION



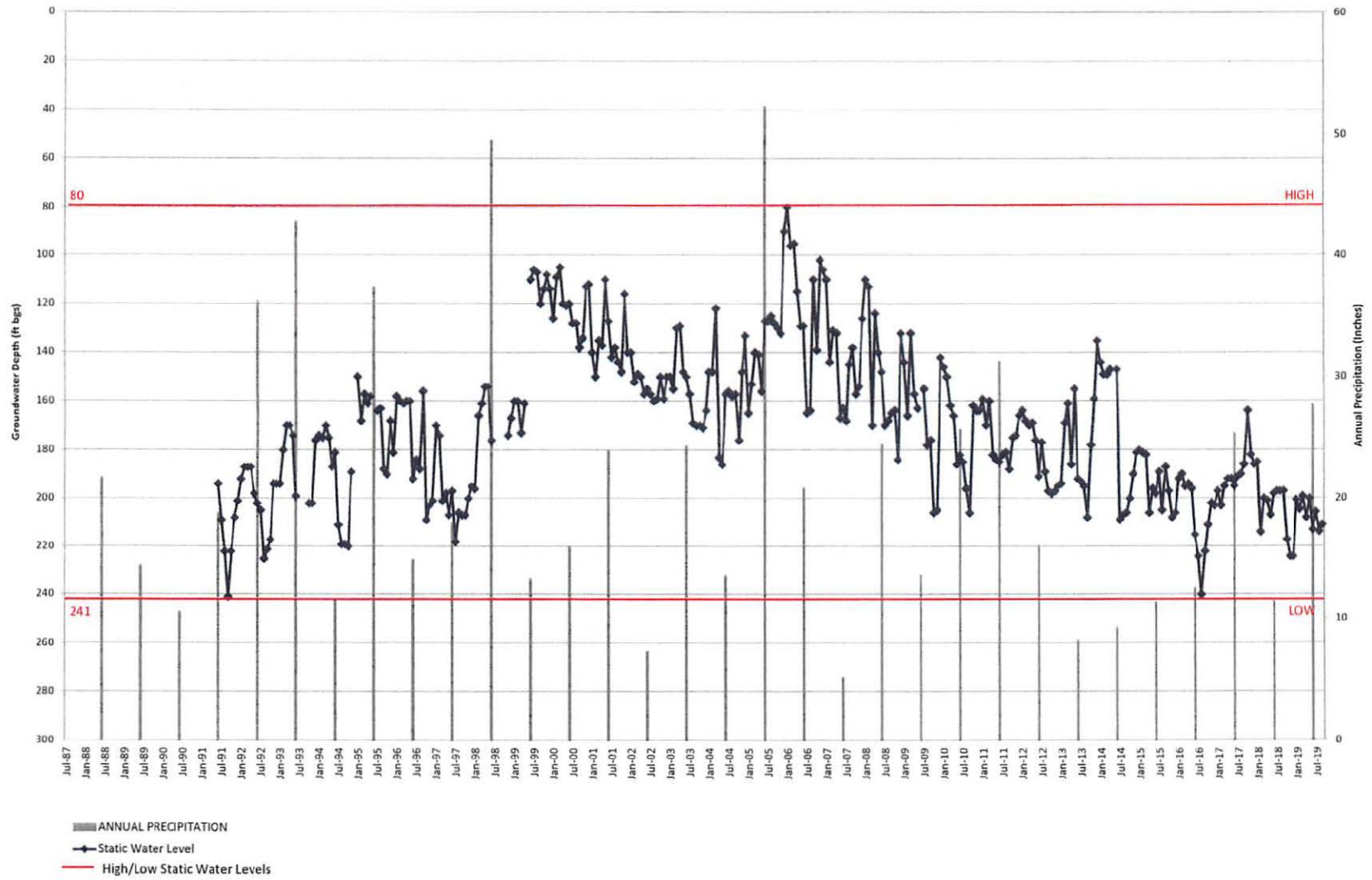
**SCV WATER WELL N7**  
**STATIC WATER LEVEL VS PRECIPITATION**



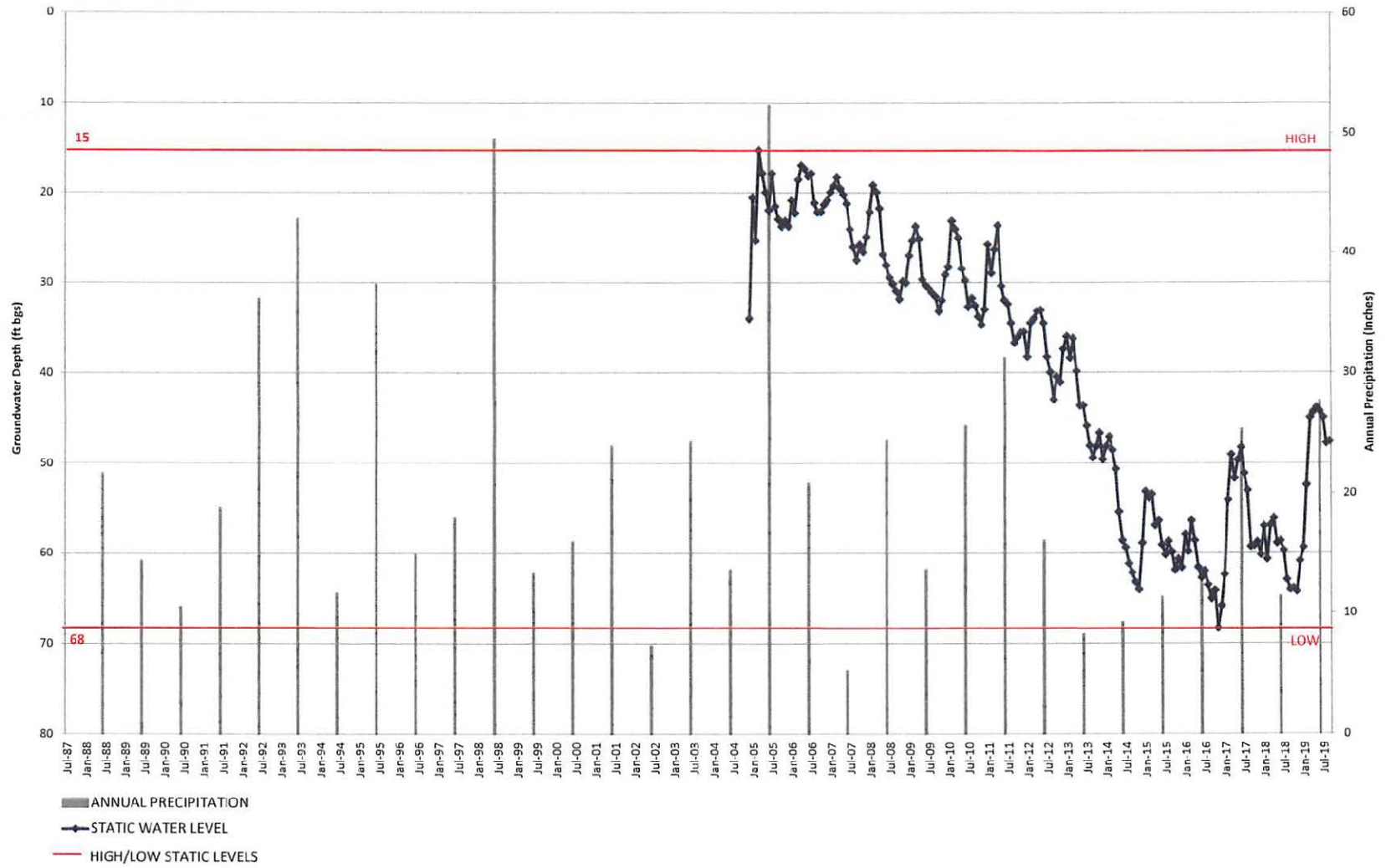
SCV WATER WELL N12  
 STATIC WATER LEVEL VS PRECIPITATION



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

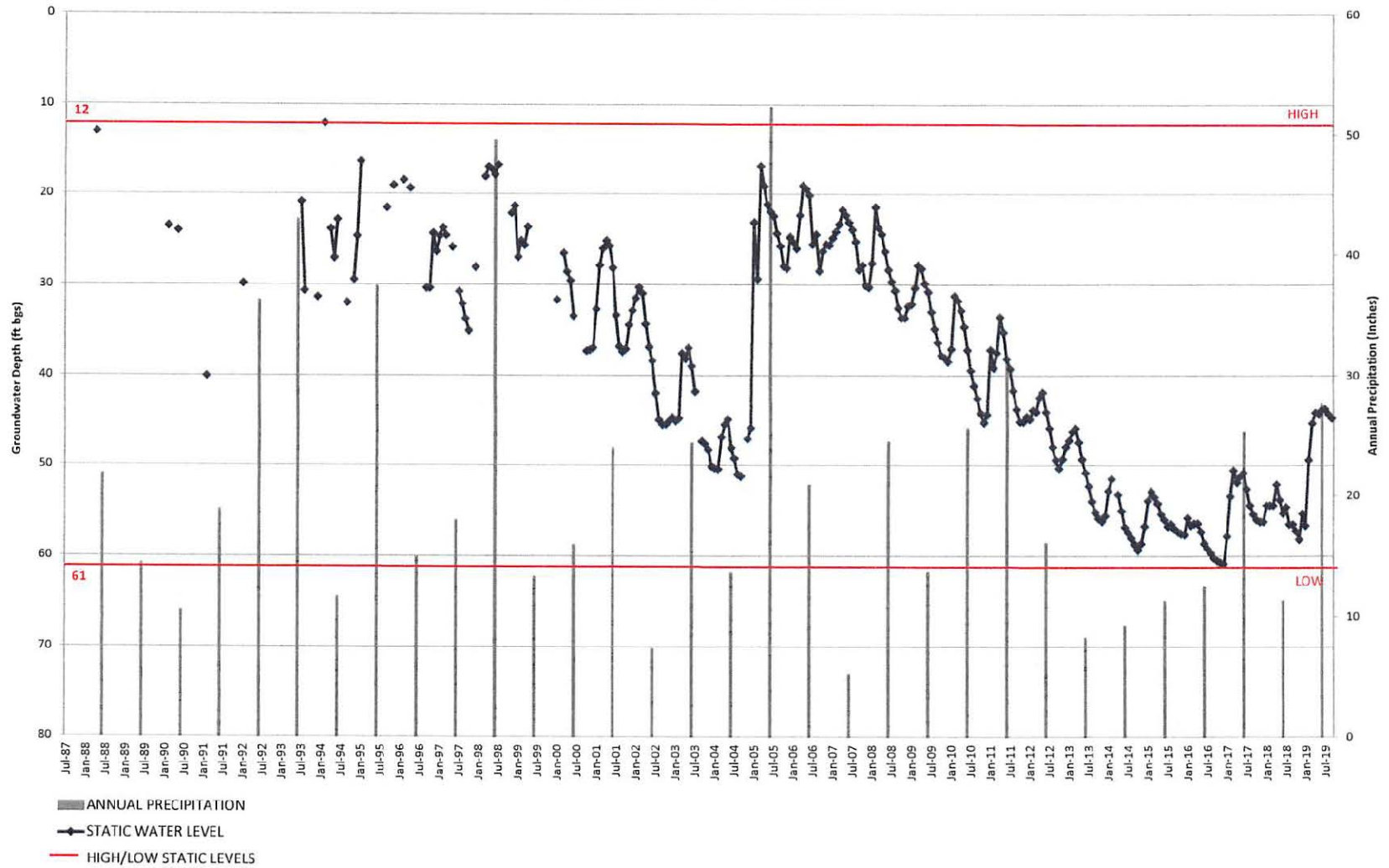


**SCV WATER WELL N8**  
**STATIC WATER LEVEL VS PRECIPITATION**

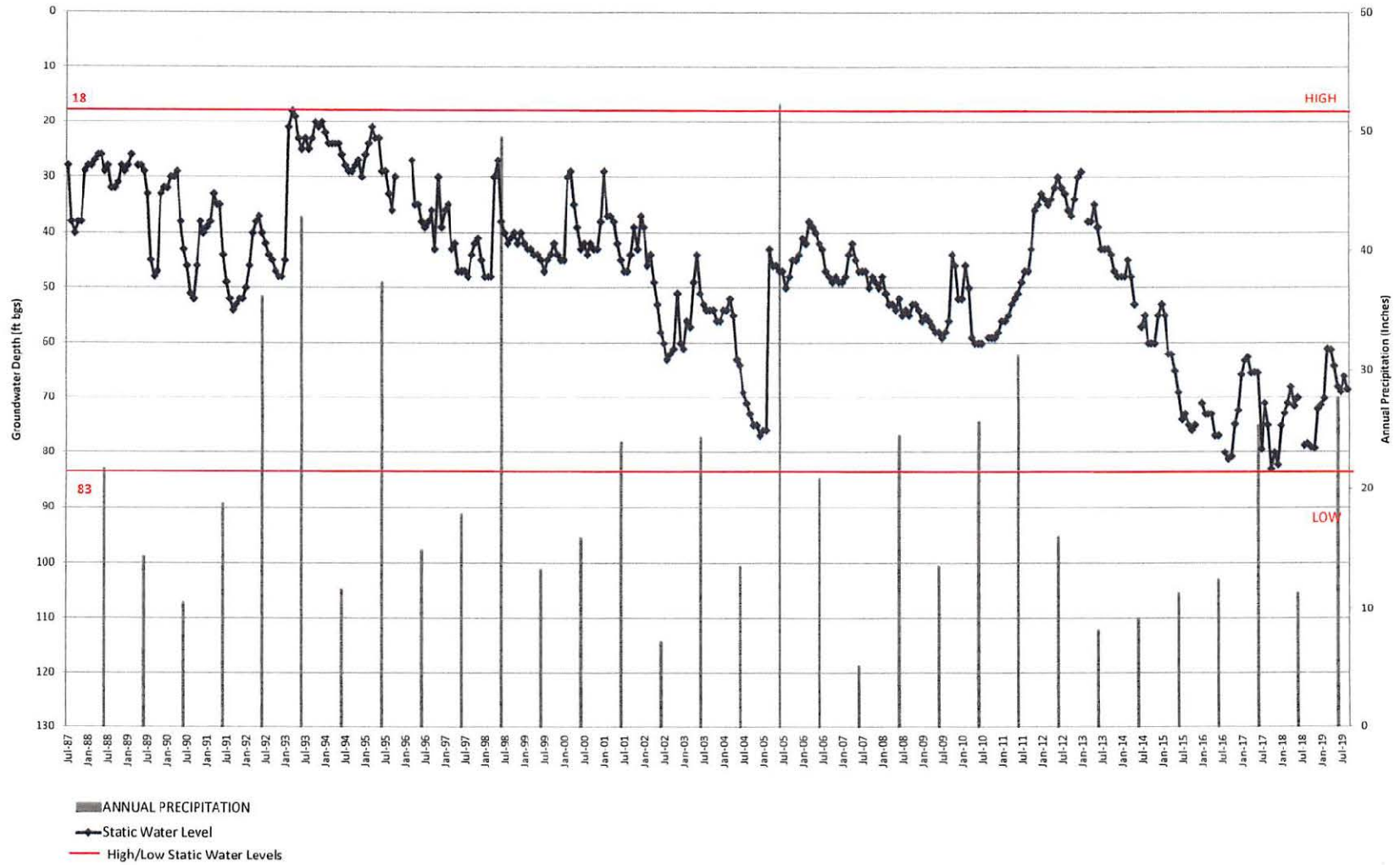




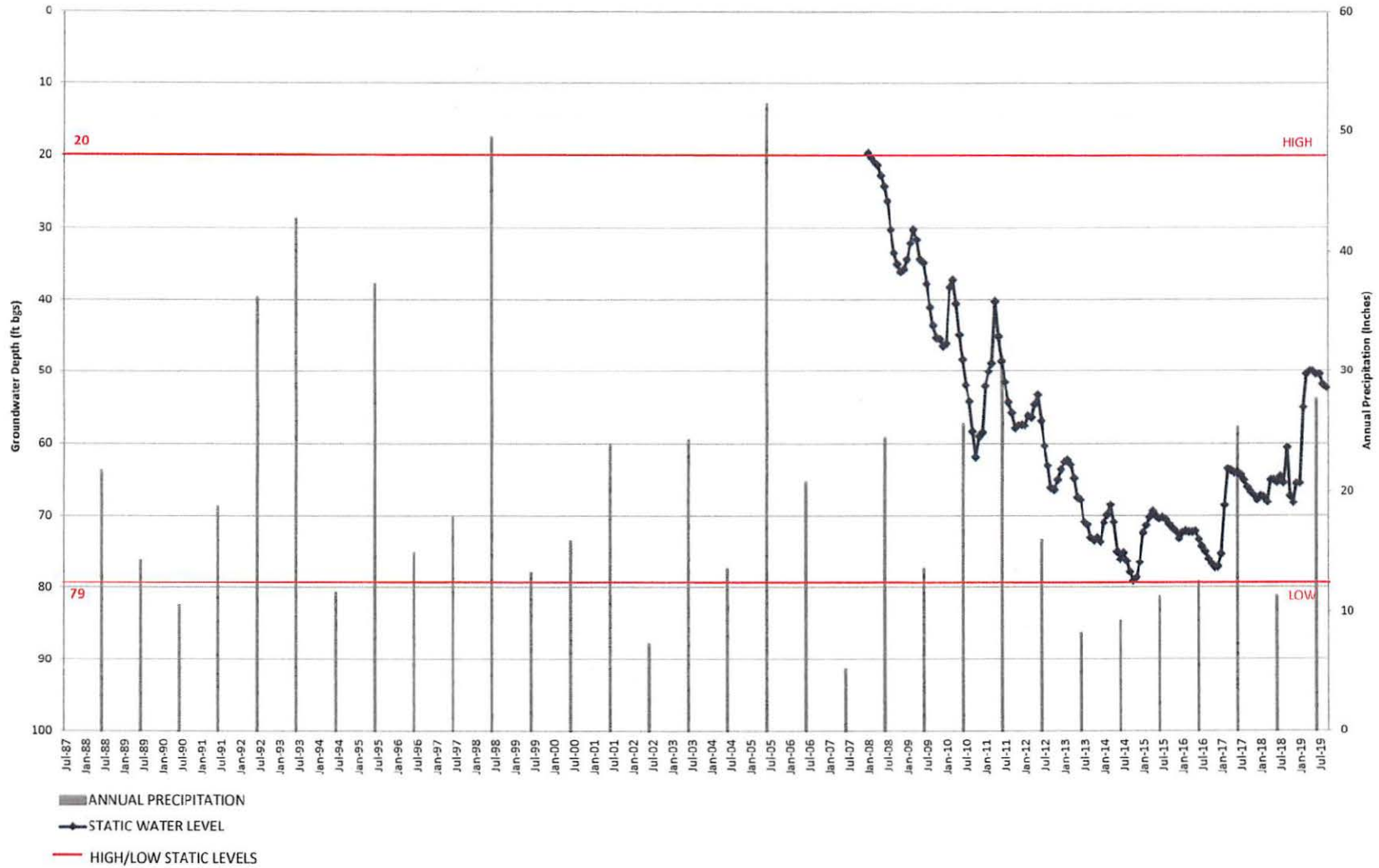
**SCV WATER WELL Q2**  
**STATIC WATER LEVEL VS PRECIPITATION**



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

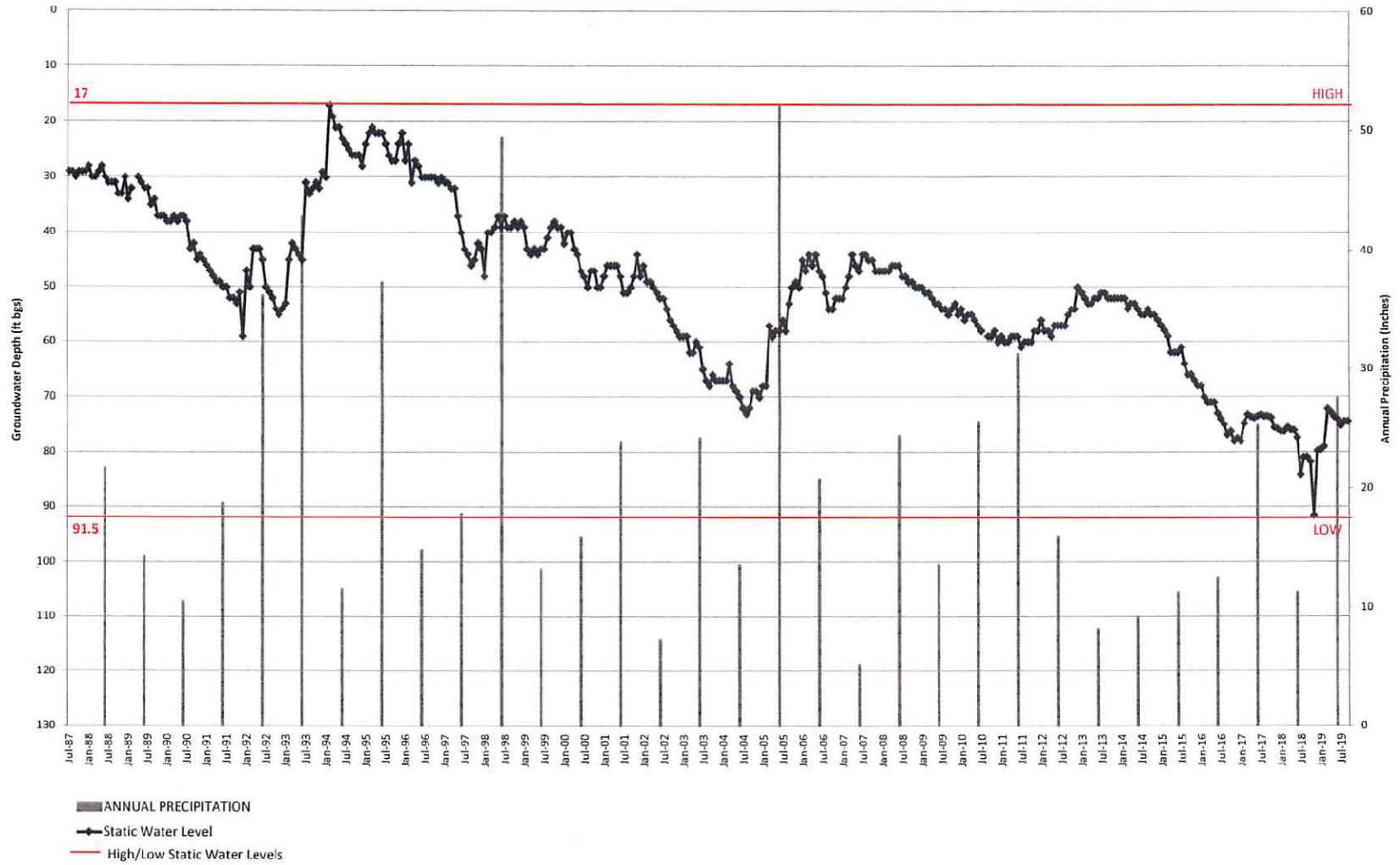


**SCV WATER WELL T7**  
 STATIC WATER LEVEL VS PRECIPITATION

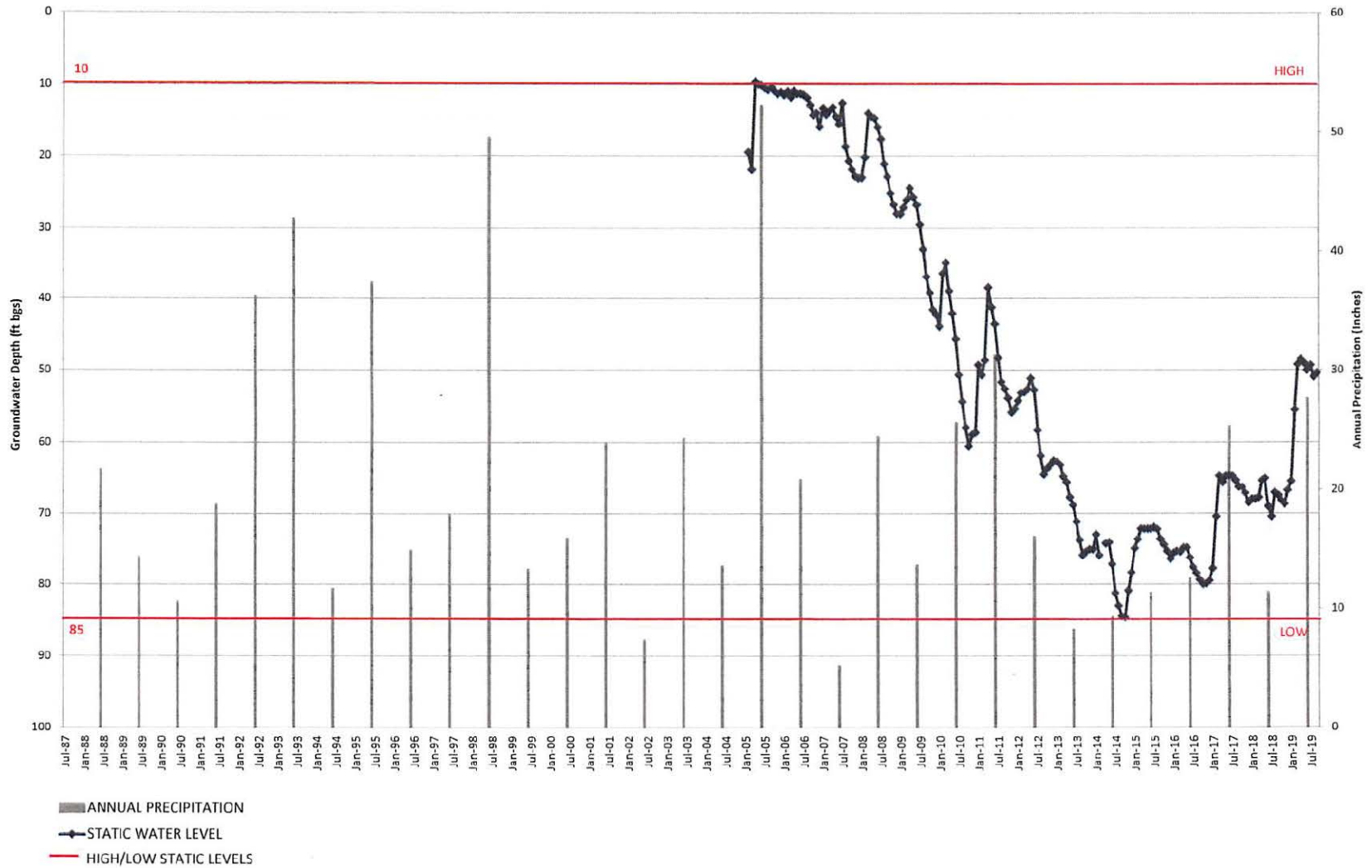




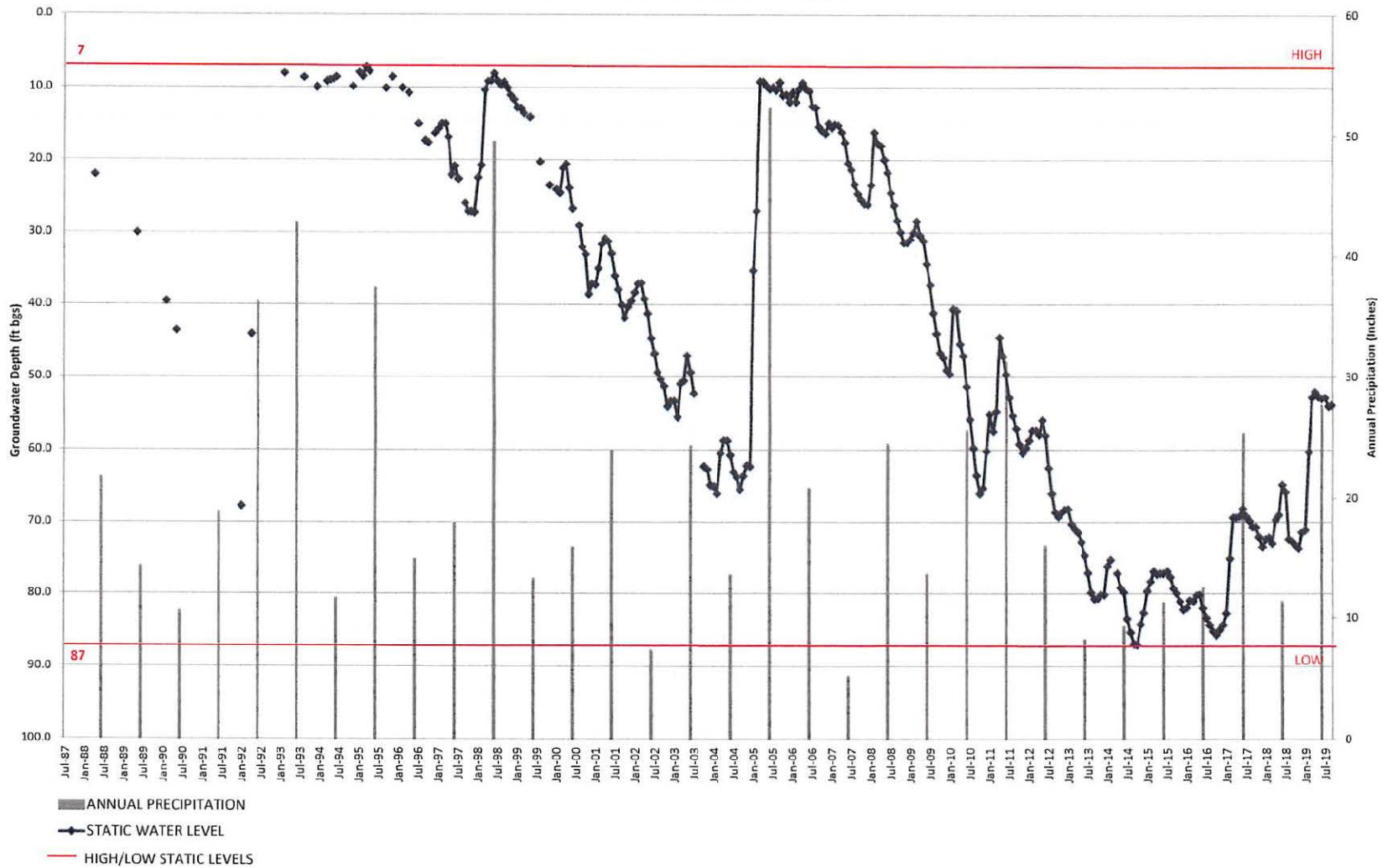
SCV WATER WELL CLARK #15  
 STATIC WATER LEVEL VS PRECIPITATION



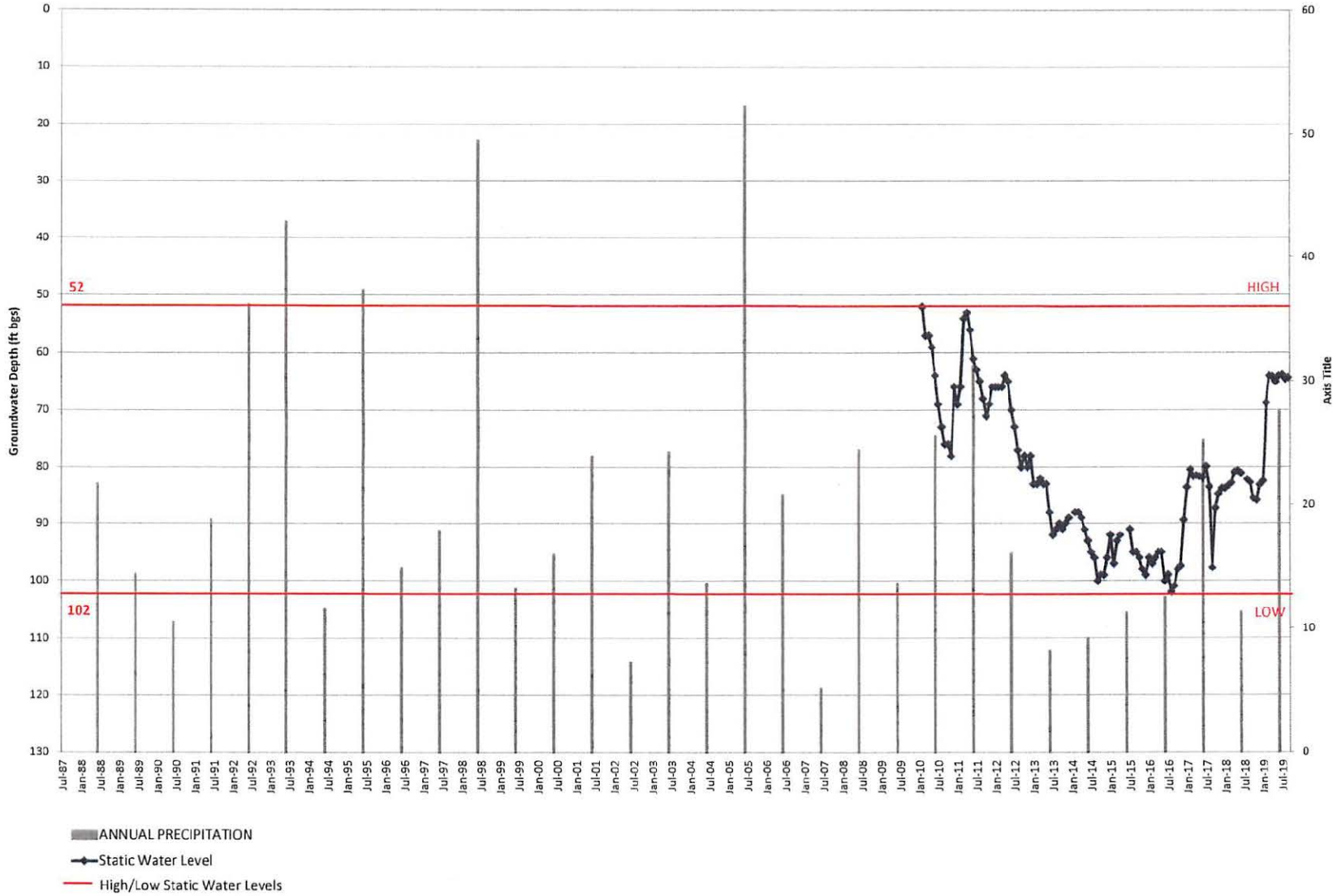
**SCV WATER WELL U6**  
**STATIC WATER LEVEL VS PRECIPITATION**



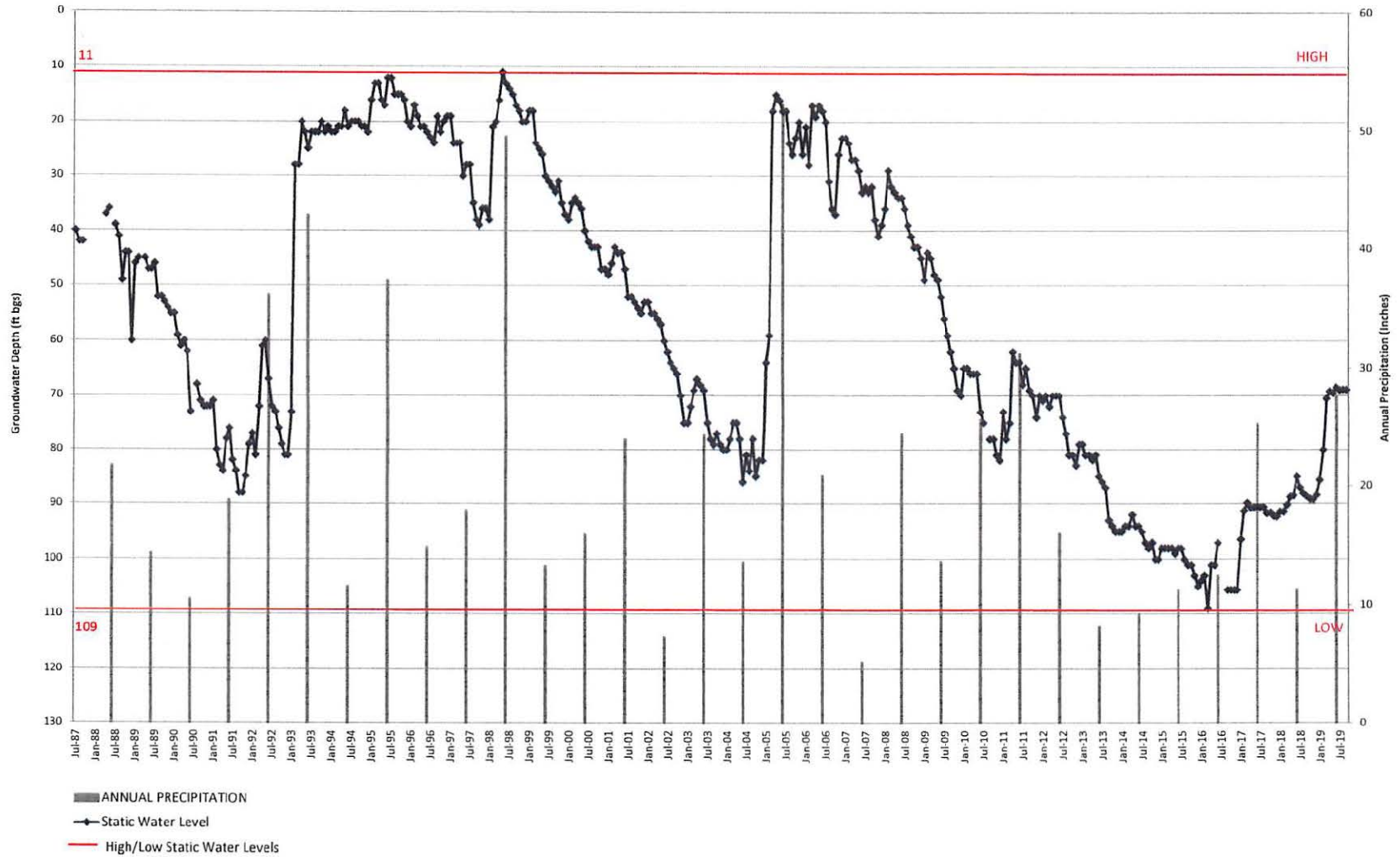
**SCV WATER WELL U4**  
 STATIC WATER LEVEL VS PRECIPITATION



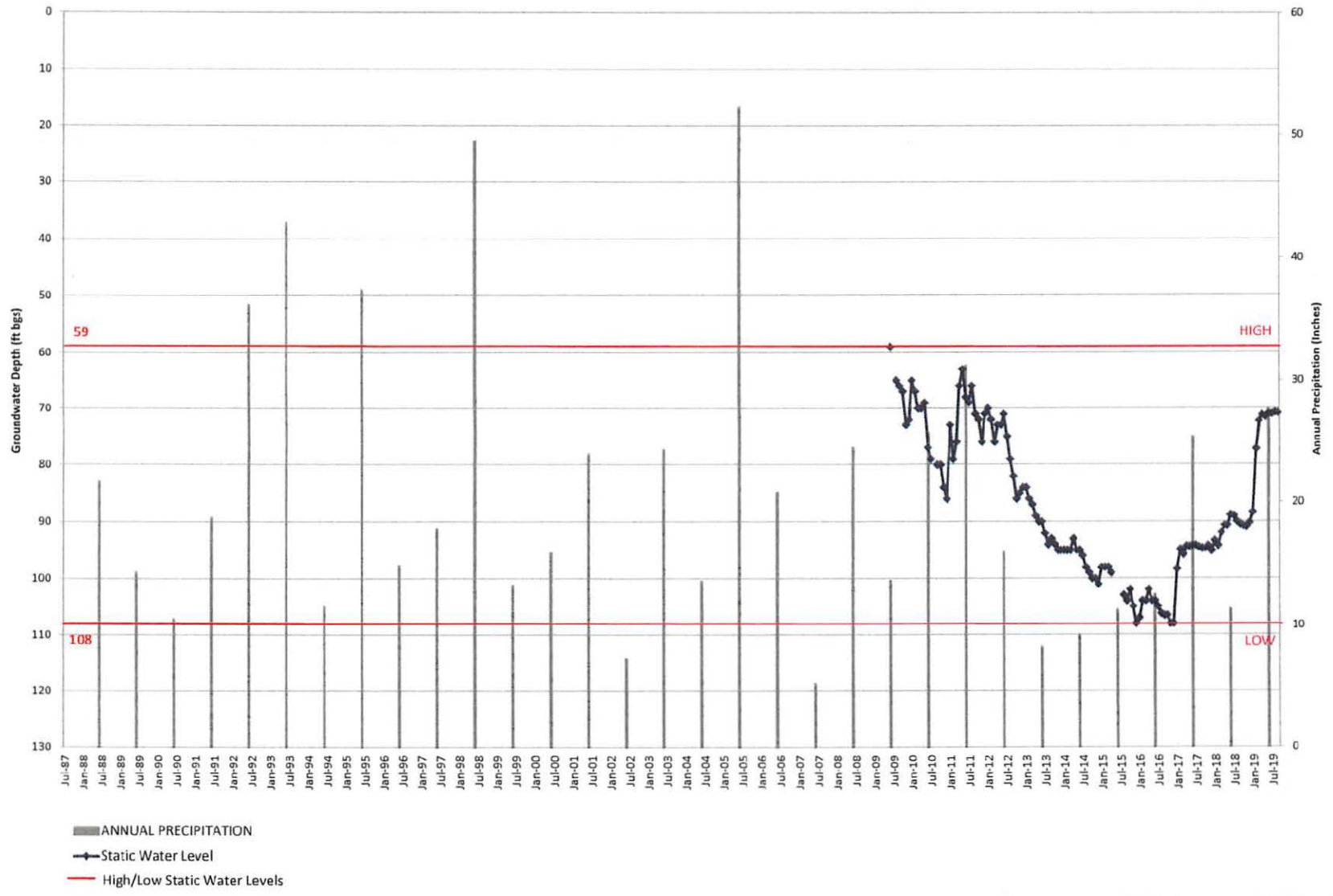
**SCV WATER WELL VALLEY CENTER  
STATIC WATER LEVEL VS PRECIPITATION**



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





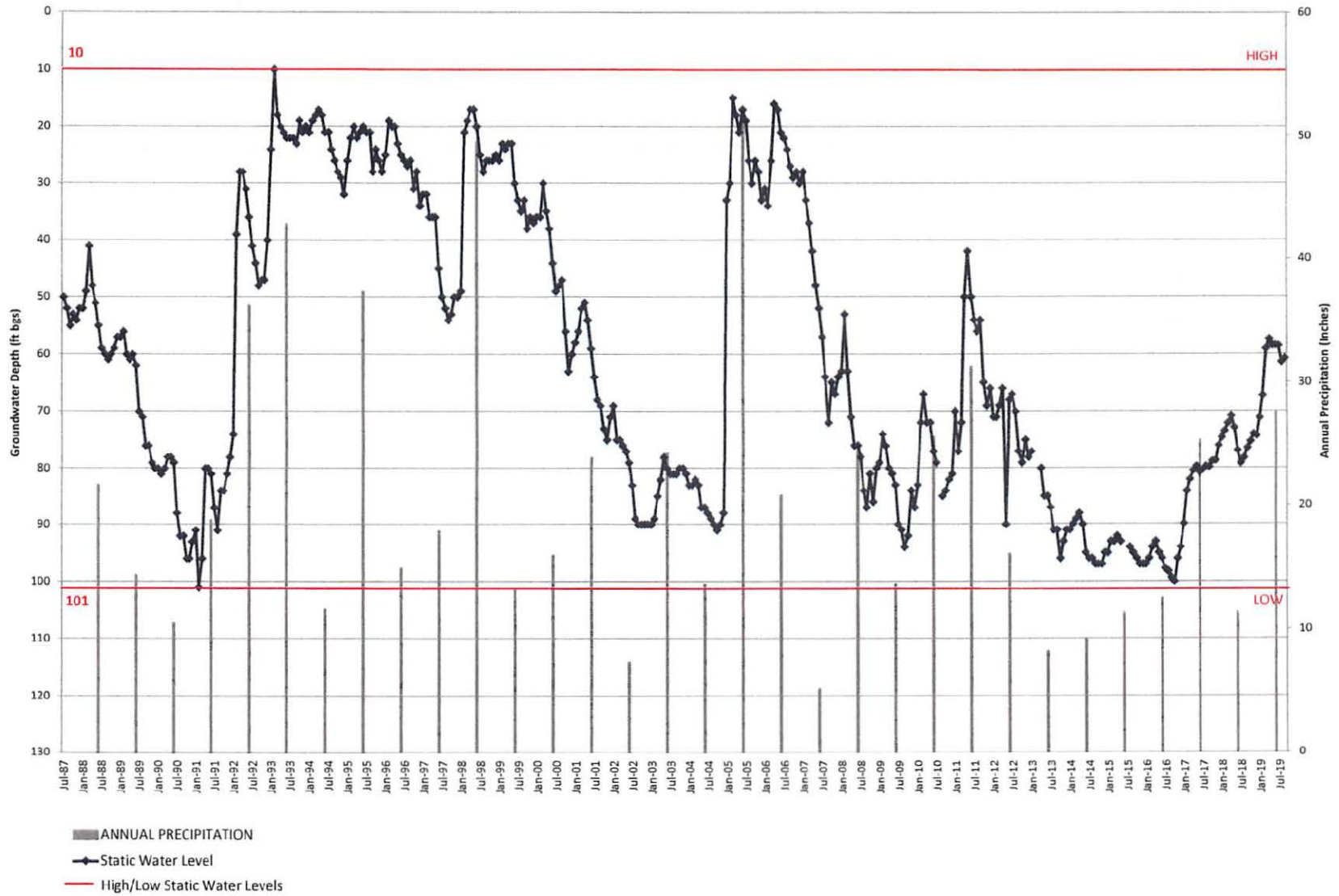
SCV WATER WELL NORTH OAKS EAST #7  
 STATIC WATER LEVEL VS PRECIPITATION



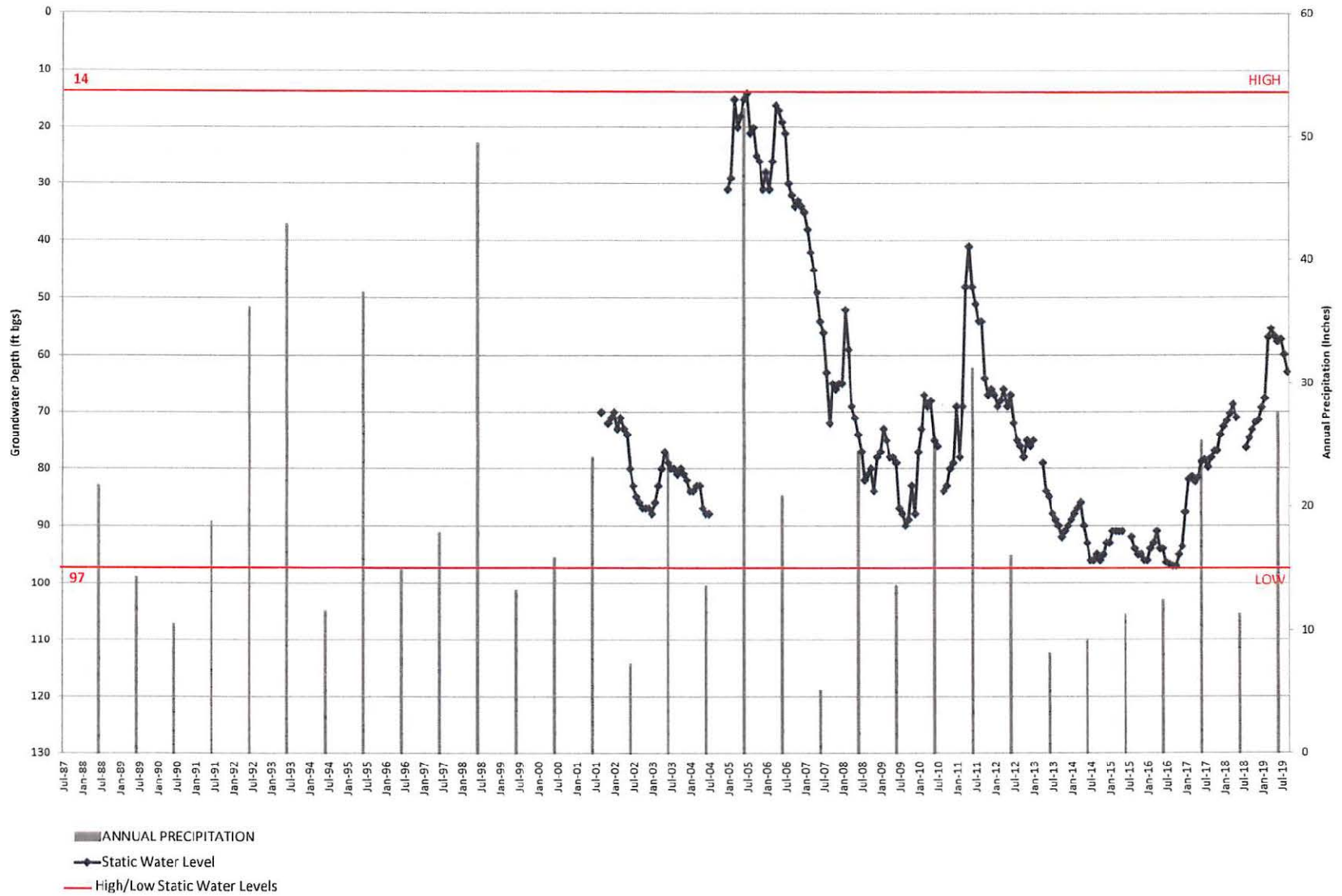
SCV WATER WELL SIERRA #6  
 STATIC WATER LEVEL VS PRECIPITATION



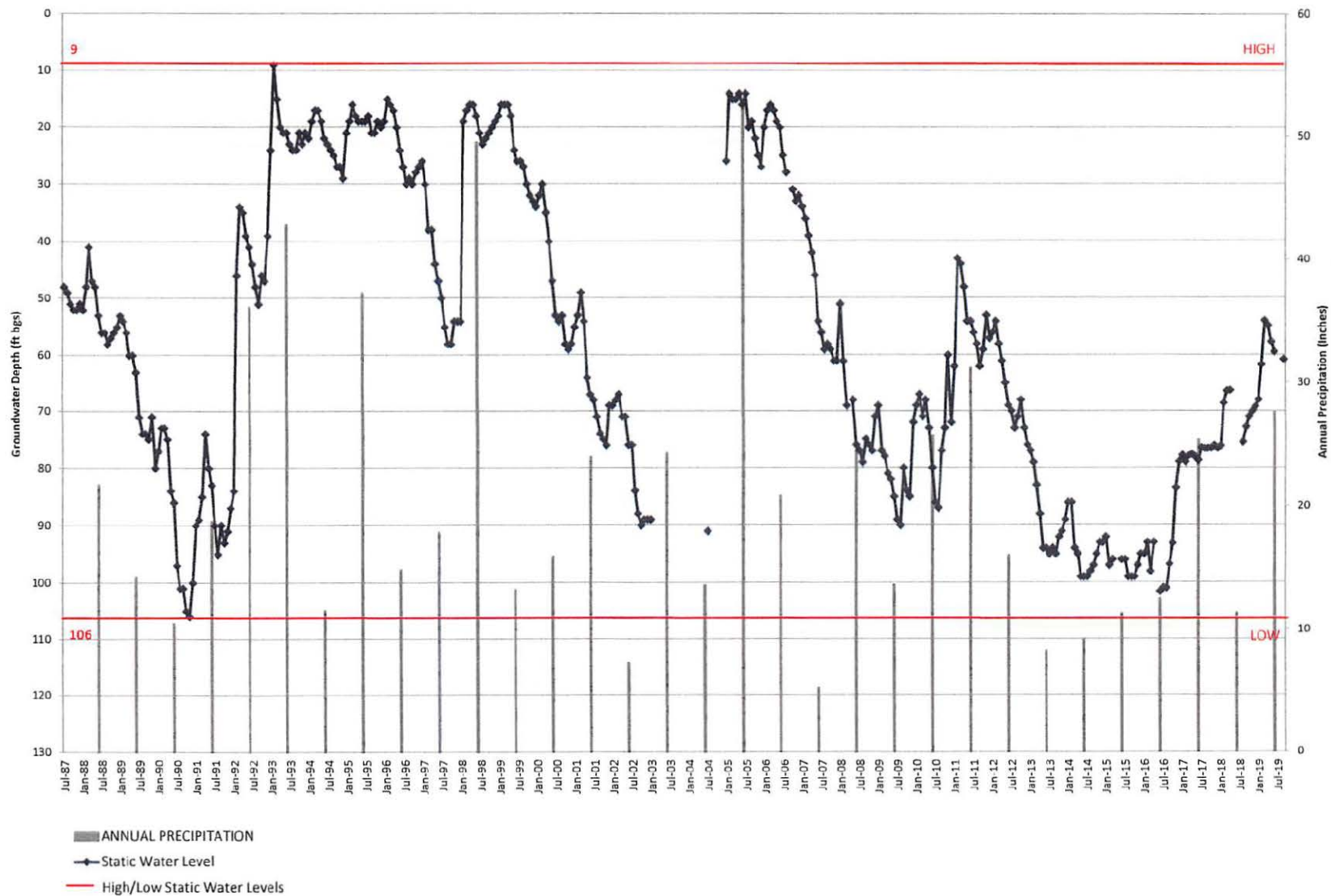
SCV WATER WELL MITCHELL #5A  
 STATIC WATER LEVEL VS PRECIPITATION



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

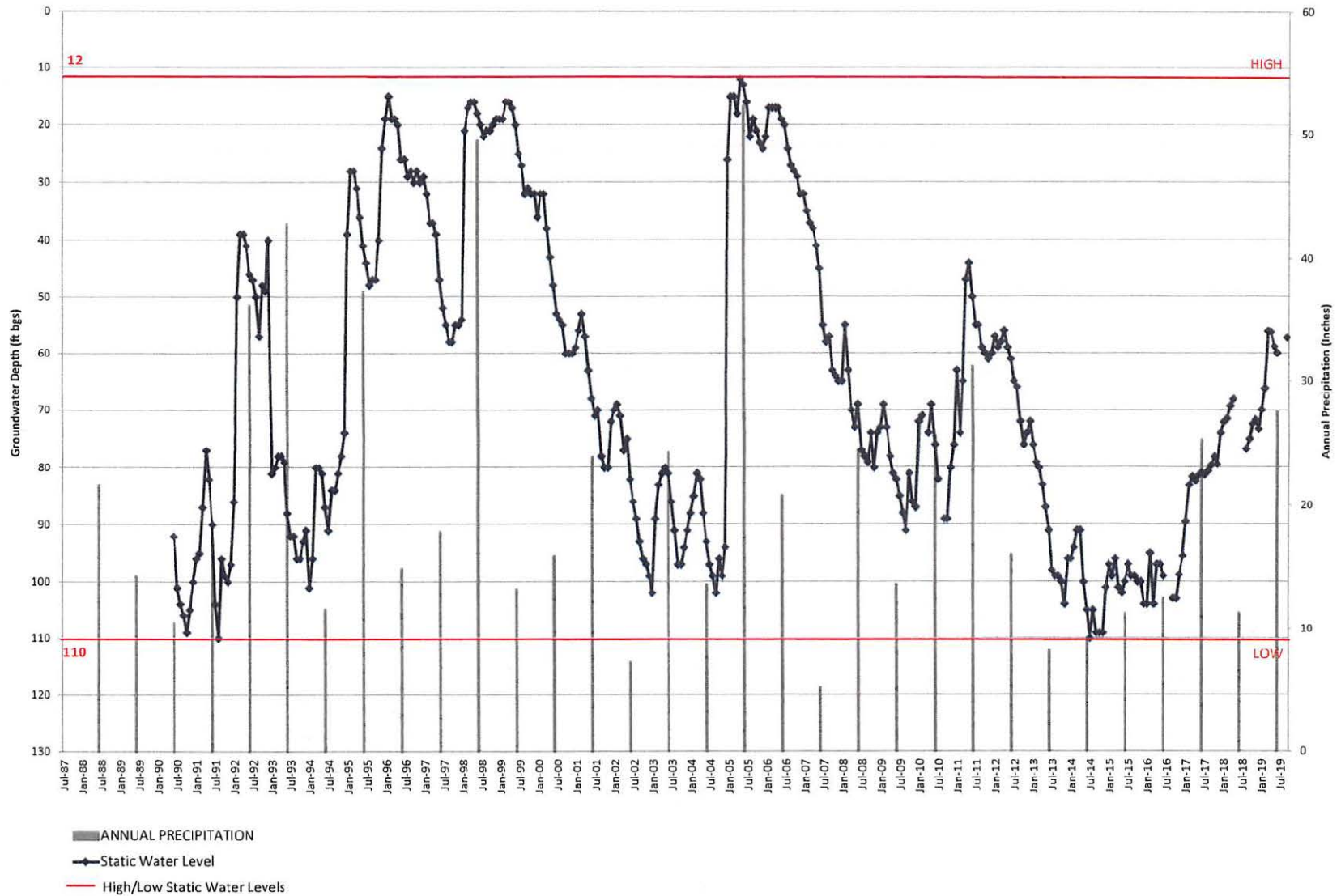


SCV WATER WELL SAND CANYON #3  
 STATIC WATER LEVEL VS PRECIPITATION

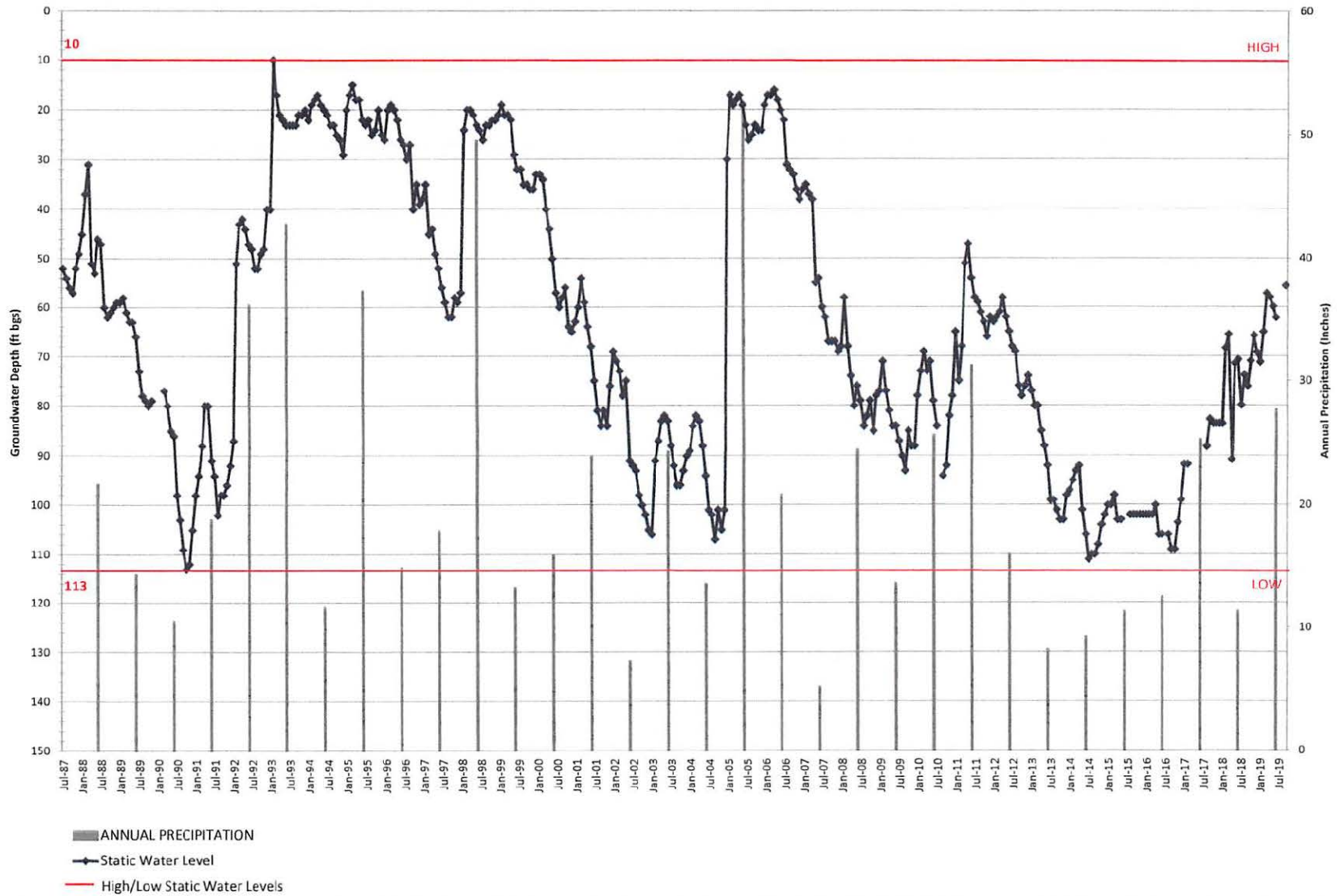




SCV WATER WELL LOST CANYON #2A  
 STATIC WATER LEVEL VS PRECIPITATION

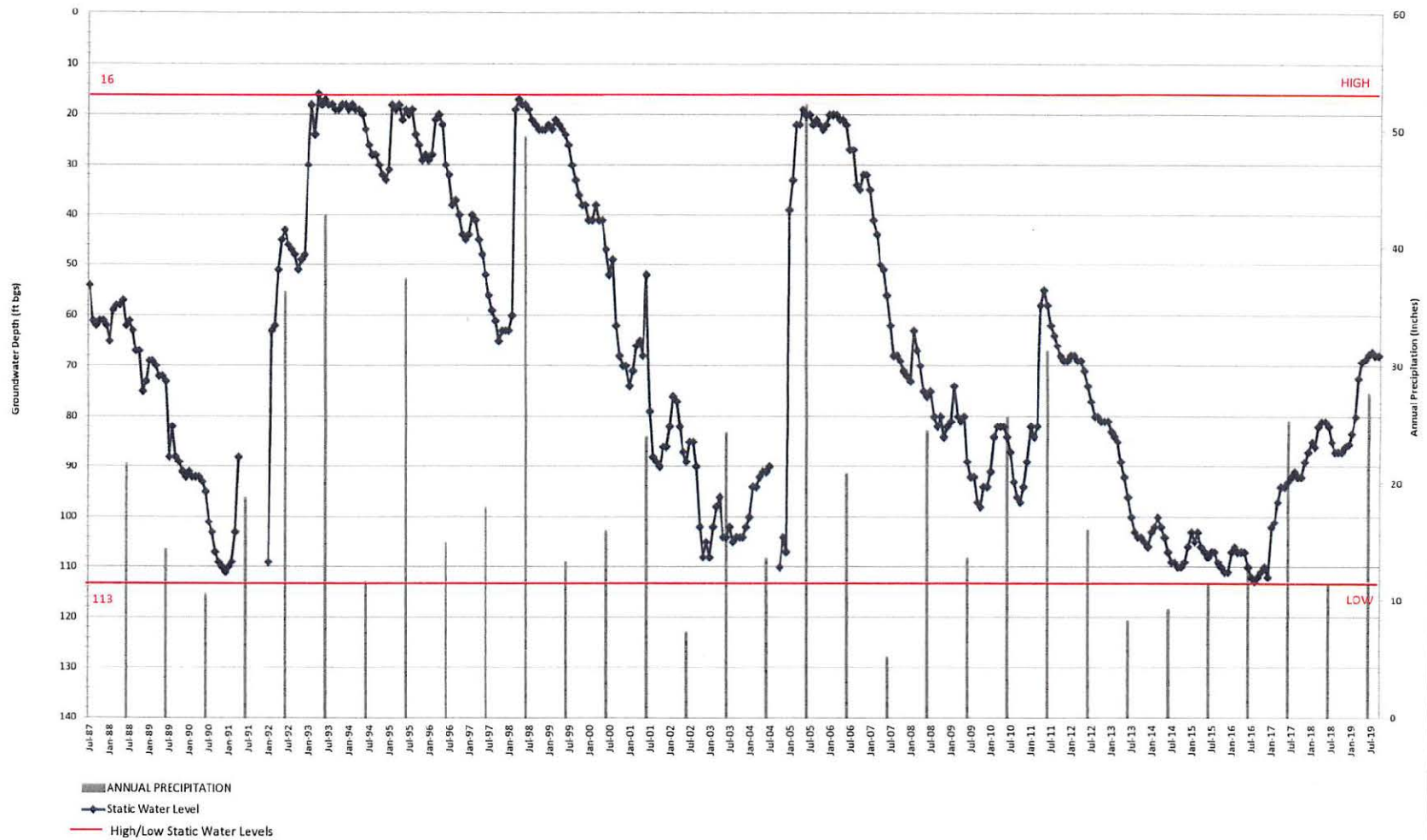


SCV WATER WELL LOST CANYON #2  
 STATIC WATER LEVEL VS PRECIPITATION

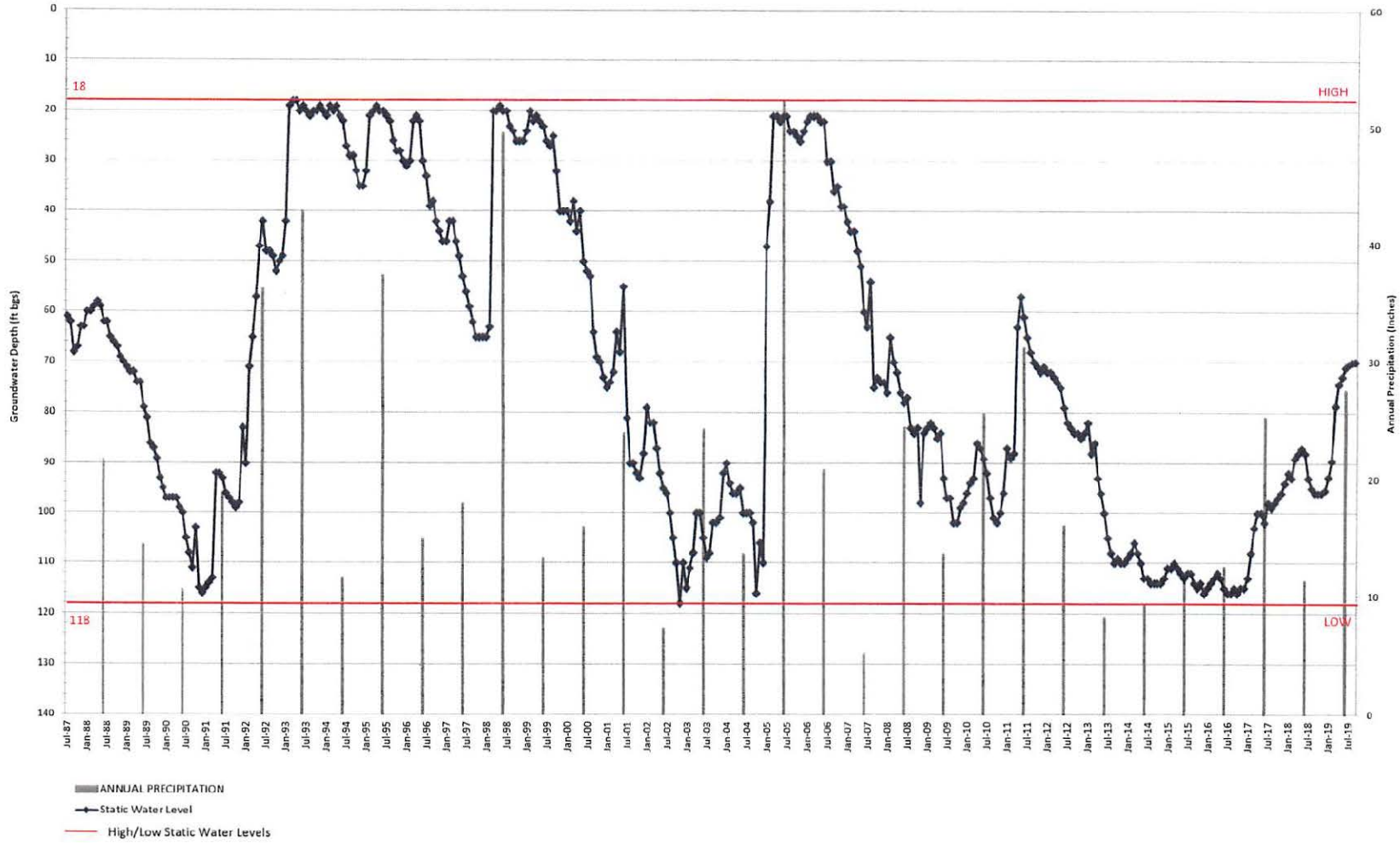




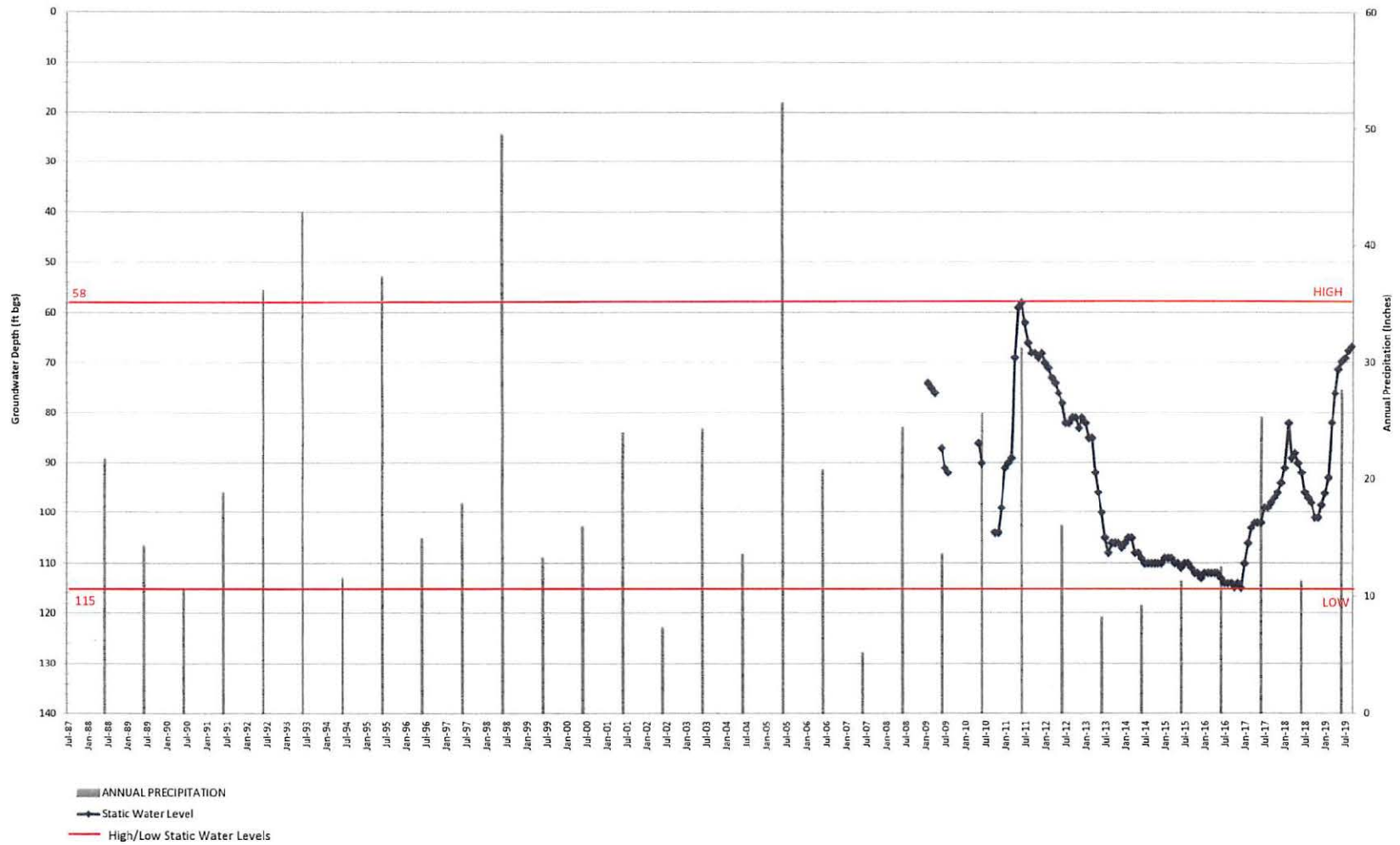
**SCV WATER WELL P4**  
 STATIC WATER LEVEL VS PRECIPITATION



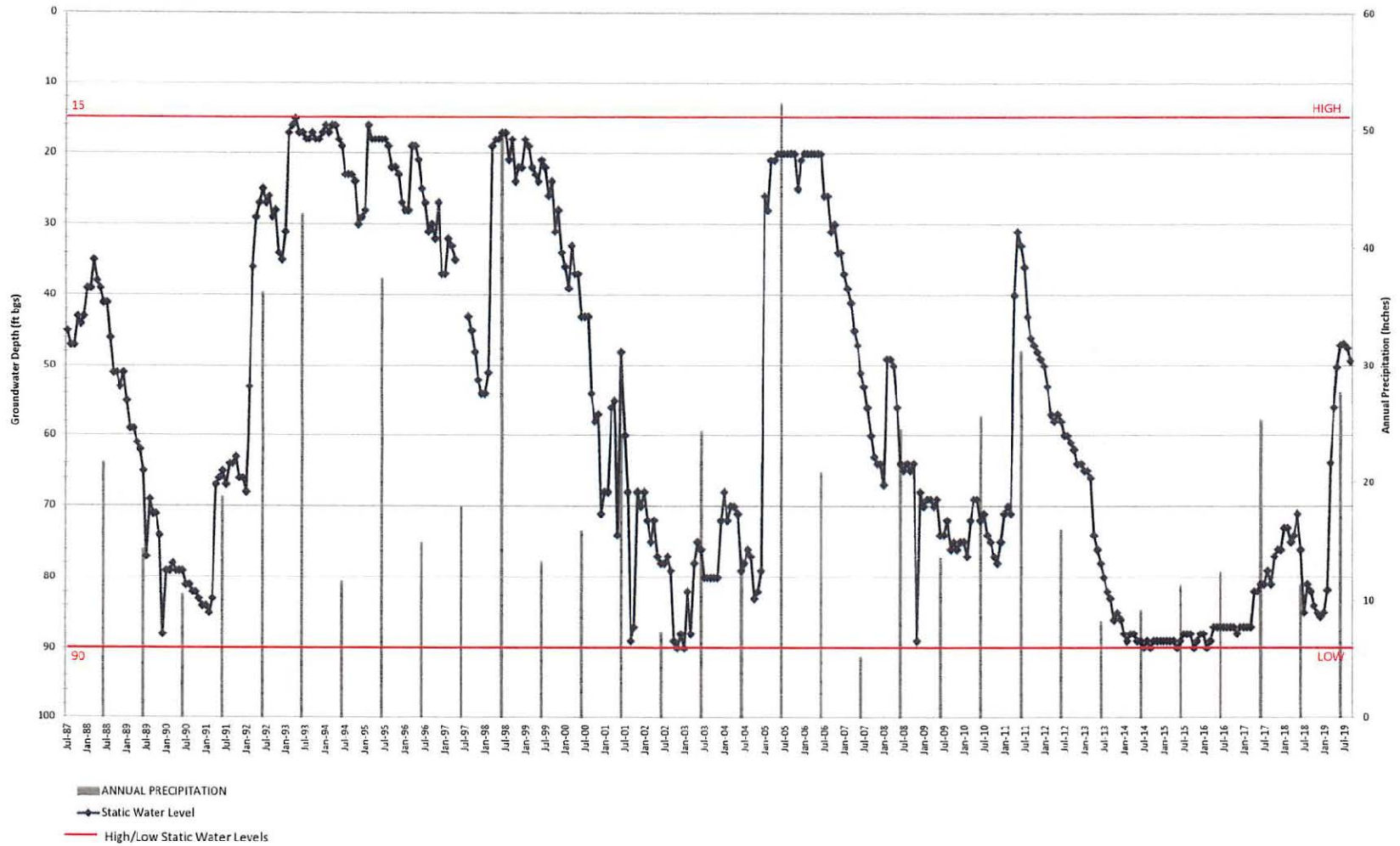
**SCV WATER WELL P3**  
*STATIC WATER LEVEL VS PRECIPITATION*



**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 October 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	November 30, 2019	98%	Construction is complete. Testing and start-up will take place during November 2019.
Well E-17 and Water Improvements	Staats Construction, Padilla Electric, and General Pump	\$571,734	\$0	0%	\$571,734	November 30, 2019	98%	Start-up will take place during November 2019.
Magic Mountain Pipeline Phase 4*	FivePoint / Toro Enterprises	\$3,084,725	\$187,586.20	6.1%	\$3,272,311.20	November 30, 2019	96%	Construction in progress.
Magic Mountain Pipeline Phase 5	FivePoint / Toro Enterprises	\$3,269,978.85	\$0	0%	\$3,269,978.85	November 30, 2019	91%	Construction in progress.
Magic Mountain Pipeline Phase 6A	FivePoint / Toro Enterprises	\$7,168,844.85	\$0	0%	\$7,168,844.85	April 20, 2020	0%	Construction funding approved at October 15, 2019 Board Meeting.
Honby Tank No. 1 – Recoat Roof Interior/Exterior and Interior Spot Repair	Olympus and Associates	\$338,848	\$11,000	3.2%	\$349,848	November 30, 2019	95%	Construction in progress.

\*As of September 30, 2019, expenditures for Kennedy/Jenks Consultants' inspection services work authorization are \$374,666.25 (97%) of the Board authorized amount of \$386,200

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**Santa Clarita Valley Water Agency  
Engineering Services Section  
Third Party Funded Agreements Quarterly Report  
As of October 15, 2019**

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
<b>Active Agreements:</b>						
Aidlin Tract 52796 - Pump Station	Lennar Homes	Design	TBD	TBD	\$97,000	Project On-Hold by Developer. Design deposit pending.
Aidlin Tract 52796 - Tanks	Lennar Homes	Design	TBD	TBD	\$156,000	Project On-Hold by Developer. Design deposit pending.
Aidlin Tract 52796 – Pipeline	Lennar Homes	Design	SCV Water	N/A	\$65,000	Project On-Hold by Developer. Design is 30% complete.
Commerce Center Drive Bridge Potable and Recycled Pipelines	FivePoint	Design	FivePoint	N/A	\$85,000	Construction and submittals are in progress.
Demineralization Facility – Fire Hydrant	FivePoint	Design	FivePoint	N/A	\$55,000	Design is 100% complete. Construction activities will commence within 2 weeks.
Friendly Station Mart	Fayad Takla	Design	SCV Water	\$45,000	\$11,000	Submittals are in progress.
Mission Village DS542 Recycled Water Pipelines	FivePoint	Construction	FivePoint	N/A	\$57,000	Construction and submittals are in progress.
Mission Village DS542 Potable Water Pipelines	FivePoint	Construction	FivePoint	N/A	\$60,000	Construction and submittals are in progress.
Mission Village Potable Water System Phase 1 Plan	FivePoint	Design	FivePoint	N/A	\$36,000	FivePoint is revising design plans.
Mission Village Recycled Water System Phase 1 Plan	FivePoint	Design	FivePoint	N/A	\$34,000	FivePoint is revising design plans.
Mission Village Tract 61105-1A Potable and Recycled Water	FivePoint	Design	FivePoint	N/A	\$175,000	FivePoint is revising design plans.
Mission Village Tract 61105-1C Potable and Recycled Water	FivePoint	Design	FivePoint	N/A	\$175,000	Construction and submittals are in progress.
Magic Mountain Tank No. 2	FivePoint	Construction	FivePoint	N/A	\$125,000	Construction and submittals are in progress.
Mission Village – Well 206/207 Pipeline	FivePoint	Design	FivePoint	N/A	\$28,000	FivePoint is preparing the design plans.
Mitchell Well 5A Replacement – Site E	JSB Development	Design	Richard C. Slade & Associates LLC	TBD	\$58,000	Reviewing draft technical specifications for pilot well.
Parcel Map 19163 Parcel 1 - Homewood Suites/Hampton Inn	Prince Hospitality LLC	Design	SCV Water/Tron Construction	\$62,000 (est)	\$22,500	Design is 90% complete.
Parcel Map 62646 Water Pipeline Facilities on Railroad Avenue / Oakridge Drive	Saugus Holdings, LLC, and TMC Hollis	Planning & Design	SCV Water	\$412,000	\$41,000	Third Party Agreement executed.

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
Plum Canyon Tract 46018-11 Pump Station (Civil/Mechanical)	Toll Brothers	Construction	Staats Construction	\$648,597	\$61,000	Construction is 90% complete.
Plum Canyon Tract 46018-11 Pump Station (Electrical)	Toll Brothers	Construction	Coleman-Pacific	\$467,000	\$46,700	Construction is 60% complete.
Excel Buena Park II, L.P. (Residence Inn and Springhill Suites)	Excel Group LLC	Construction	T. Morrissey Corporation	\$86,848	\$13,027	Reviewing submittals.
Sheriff Station – 16” Water Main Extension in Golden Valley Road	City of Santa Clarita	Construction	Mesa Engineering	\$1,347,745	137,700	Construction is 95% complete.
Skyline Pump Station No. 2	Pardee Homes	Design	Cannon	TBD	\$150,000	Design is in progress.
Skyline Ranch Tract 60922-01 Backbone Pipelines	Pardee Homes	Construction	Mesa Engineering	\$1,417,928	\$142,000	Construction is 95% complete.
Skyline Ranch Tract 60922-01 Paseo	Pardee Homes	Construction	Mesa Engineering.	\$68,159	Included in PA-01 above	Construction is 95% complete.
Skyline Ranch Tract 60922-01 Planning Areas A & B & PA-01	Pardee Homes	Construction	Mesa Engineering	\$675,824	\$67,600	Construction is 95% complete.
Skyline Ranch Tract 60922-01 Planning Areas E1 & F	Pardee Homes	Construction	Mesa Engineering	\$707,700	\$70,700	Construction is 95% complete.
Skyline Ranch Tract 60922-01 Planning Areas C & D Pipelines	Pardee Homes	Construction	Staats Construction	\$533,300	\$53,330	Construction is 95% complete.
Skyline Ranch Tract 60922-01 Stratus Street	Pardee Homes	Construction	Mesa Engineering	\$817,031	\$81,703	Construction is 95% complete.
Skyline Ranch Tract 60922-01 Stratus Street Gap Section	Pardee Homes	Construction	Mesa Engineering	\$93,141.62	\$9,314.17	Construction is 95% complete.
Skyline Ranch Tract 60922-05 Planning Area N	Pardee Homes	Construction	Mesa Engineering	\$150,876.39	\$15,087.64	Construction is 60% complete.
Skyline Ranch Tract 60922-04 Planning Area E-2	Pardee Homes	Design	SCV Water	TBD	\$30,000	Design is complete. Preparing developer construction contract.
Skyline Ranch Tract 60922-05 Planning Area 02	Pardee Homes	Design	SCV Water	TBD	\$30,000	Design is 90% complete.
Skyline Ranch Road Bridge Crossing 16” and 20” Water Mains	Pardee Homes	Construction	Mesa Engineering	\$214,359	\$21,436	Pending execution of construction contract with developer.
Tesoro del Valle	BLC Tesoro LLC	Design	Fusco Engineering	N/A	\$50,000	Pipeline plan check is 30% complete.
Tract AVT 52455-16	Ashdon Development	Design	Intertex General Contractors, Inc.	\$85,043	\$17,000	Construction is 20% complete.
Valencia Town Center Square – Phase 2	VTC Square Investors, LLC	Design/Construction	Staats Construction	\$80,000	\$22,010	Construction is 95% complete.
Vista Canyon Tract 69164 – KB Homes	KB Homes	Construction	Boudreau Pipeline	\$57,000	\$5,600	First phase construction is in progress.

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
Vista Canyon Tract 69164 Phase 1A Potable and Recycled Pipelines	Vista Canyon LLC	Construction	Mesa Engineering	\$673,532	\$67,400	Construction is complete.
Vista Canyon Tract 69164 Phase 2 – Portion 1, Potable Pipelines	Vista Canyon LLC	Construction	Mesa Engineering	\$241,112	\$24,100	Construction is 65% complete.
Vista Canyon Tract 69164 Phase 2 – Portion 2 - Potable and Recycled Pipelines	Vista Canyon LLC	Construction	Mesa Engineering	\$392,693	\$39,269	Construction is 80% complete.
Vista Canyon Tract 69164 Phase 2 – Portion 3 - Recycled Water	Vista Canyon LLC	Construction	Mesa Engineering	\$261,252	\$26,125	Construction is 30% complete.
Vista Canyon Tract 69164 Phase 2 – Portion 3 – Potable Water	Vista Canyon LLC	Construction	Mesa Engineering	\$376,259	\$37,626	Construction is 10% complete.
Westside Communities Potable Water Infrastructure Plan	FivePoint	Planning	FivePoint	N/A	\$69,000	FivePoint is revising the Infrastructure Plan.
25333 Railroad Avenue (Storage Facility) – Fire Service	Norris Construction	Construction	Mesa Engineering	\$21,000	\$2,100	Construction is complete, pending installation of backflow by developer.
27918 Franklin Parkway - Water Meters	Logix	Construction	Gall Brothers	\$30,000	\$3,000	Reviewing submittals.
76 Gas Station at 25048 Valencia Blvd.	Sahika Corporation	Construction	Karaki WS	\$58,000	\$5,800	Construction is 60% complete.

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
<b>Closed Agreements:</b>						
College of the Canyons Valencia Campus Parking Structure – Water Line Improvements	Santa Clarita Community College District	Design & Construction	R.C. Becker & Son	\$370,575	\$129,000	Construction is complete. Easement documents pending.
Concord Development Tract 53425-01	Lennar	Design	Turf Construction	\$100,000	\$10,000	Construction complete. Coordinating easement documents with developer.
Mission Village – Pipe Connection at Sky View Lane / The Old Road	FivePoint	Construction	FivePoint	N/A	\$55,000	Construction is 100% complete.
Mission Village – Temporary bypass pipeline (Magic Mountain Parkway)	FivePoint	Construction	FivePoint	N/A	\$41,000	Construction is complete January 2019.
Parcel Map 26363 Parcels 3 & 4 at 27736 – 27788 Hancock Parkway	Intertex	Construction	Blois Construction	\$35,000	\$3,500	Construction is complete, preparation of as -built drawings pending.
Skyline Ranch Plaza Tract 46018-11A	Intertex	Construction	Groundbreakers Construction	\$288,314	\$28,832	Construction is 100% complete.

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Engineering and Operations Committee  
Planning Calendar  
FY 2019/20

	Item	PowerPoint Presentation (Y/N/Length)	Jul 11 Comm	Aug 1 Comm	Aug 6 Board	Sep 3 Board	Sep 5 Comm	Oct 1 Board	Oct 10 Comm	Oct 15 Board	Nov 5 Board	Nov 7 Comm	Dec 3 Board	Dec 5 Comm	Jan 2 Comm	Jan 7 Board	Feb 4 Board	Feb 6 Comm	Mar 3 Board	Mar 5 Comm	Apr 2 Comm	Apr 7 Board	May 5 Board	May 7 Comm	Jun 2 Board	Jun 4 Comm	Jul 7 Board
1	Monthly Committee Planning Calendar	None	C	C			C		C			P		P	P			P		P	P			P		P	
2	CIP Construction Status Report	None	C	C			C		C			P		P	P			P		P	P			P		P	
3	Monthly Operations and Production Report	None	C	C			C		C			P		P	P			P		P	P			P		P	
4	Third Party Funded Agreements Quarterly Report	None		C								P						P						P			
5	Quarterly Safety Program Presentation	Yes 15 min		C								P						P						P			
6	Annual Safety Program Update (FY 18-19)	Yes 15 min					C																				
7	Recommend Approval of New Golden Triangle Modular Lease	None	C		C																						
8	Tour of Earl Schmidt Filtration Plant	None					C																				
9	Recommend Approval of the Purchase of a Chlorine Scrubber System for the Rio Vista Water Treatment Plant	None					C	C																			
10	Recommend Approval for an Agreement Amendment to The Newhall Land and Farming Company, LLC, for the Magic Mountain Water Pipeline Installation Agreement	None					C	C																			
11	Approve Bidding and Purchasing of Treatment Vessels and a Final Design Work Authorization for Kennedy Jenks Consultants for the N Wells PFAS Treatment	None						C																			
12	Approve Bidding and Purchasing of Treatment Vessels and a Final Design Work Authorization for Kennedy Jenks Consultants for Q2 Well Perchlorate Treatment	None						C																			
13	Approve Receiving and Filing the Public Notification of PFOS and PFOA Notification Level Exceedances	None						C																			
14	Recommend Approval of Construction Contract Funding and a Work Authorization for Inspection Services for Magic Mountain Pipeline No. 6A	10 min							C	C																	
15	Recommend Approval to Purchase a Backhoe-Replacement Unit No. 15	None							C		P																
16	Presentation on Distribution System Interconnections											P	P														
17	Conference with Real Property Negotiators (Section 54956.8) Castaic Tank 1A Cell Lease - Verizon (33030 Ridge Route Road, Castaic, CA 91384) - CLOSED SESSION	TBD										P	P														

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**Engineering and Operations Committee  
Planning Calendar  
FY 2019/20**

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18	Recommend Approval of Resolution Awarding Contract to TBD for Newhall Tank 2 Recoat and Repairs	None												P		P												
20	Recommend Approval of Construction Contract Funding and a Work Authorization for Replacement Wells Commerce Center Drive Pipeline	TBD												P		P												
22	Recommend Approval of Resolution Awarding Contract to TBD for SC12 Facility Construction	None												P		P												
21	Recommend Approval of Resolution Awarding Construction Contract to TBD for West Ranch Recycled Water Main Extension (Phase 2D) Project	TBD													P		P											
19	Recommend Approval of Resolution Awarding Construction Contract for Recycled Water Vista Canyon (Phase 2B) Pipelines	TBD													P		P											
25	Recommend Approval of a Work Authorization for Final Design of the Replacement Wells On-Site Pipeline/Infrastructure	TBD													P		P											
26	Recommend Approval of Construction Contract Funding and a Work Authorization for Replacement Wells Construction	TBD													P		P											
27	Recommend Approval of a Work Authorization for Final Design of the Magic Mountain Reservoir	TBD													P		P											
24	Recommend Approval of Resolution Authorizing SCV Water to Execute Consolidation and Water Service Agreement with State Water Resources Control Board and Los Angeles Residential Community	TBD																P	P									
29	Recommend Approval of Resolution Awarding Construction Contract for ESFP Washwater Return and Sludge Systems Project	TBD																P	P									
30	Review FY 2020/21 Major Capital Projects	TBD																		P								
23	Recommend Approval of Resolution Awarding Construction Contract to TBD for Recycled Water Vista Canyon (Phase 2B) Tank	TBD																		P	P							
28	Recommend Approval of Resolution Awarding Construction Contract for Pipeline to the Los Angeles Residential Community	TBD																	P		P							

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31	Recommend Approval of a Work Authorization for Final Design of the Groundwater Treatment Improvements	TBD																		P		P					
32	Recommend Approval of Construction of a New Deane Zone Pump Station and Cost Sharing Agreement with Developer	TBD																			P		P				
33	Recommend Approval of Construction of Two New 2.5 MG Deane Tank and Cost Sharing Agreement with Developer	TBD																			P		P				
34	Recommend Approval of Work Authorization for Groundwater Modeling Services for Perchlorate Containment Evaluation																									P	P

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