



NOTICE AND CALL OF SPECIAL MEETING

Notice is hereby given that I, Tom Campbell, Chair of the Engineering and Operations Committee, have called a SPECIAL MEETING of the Agency's Engineering and Operations Committee.

Said SPECIAL MEETING of the Engineering and Operations Committee to be held on:

MONDAY, DECEMBER 9, 2019 AT 5:30 P.M.

Santa Clarita Valley Water Agency
26521 Summit Circle
Santa Clarita, California 91350
Training Room

Enclosed with and as part of this Notice and Call is an Agenda for the meeting.

Signed: Tom Campbell
Tom Campbell, Chair /tg

Date: 11/27/2019

Posted on November 27, 2019

[This page intentionally left blank.]



Date: November 26, 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*

A special meeting of the **Engineering & Operations Committee** is scheduled to meet on **Monday, December 9, 2019 at 5:30 PM at Summit Circle** located at 26521 Summit Circle, Santa Clarita, CA 91350 in the Training Room.

SPECIAL MEETING AGENDA

<u>ITEM</u>		<u>PAGE</u>
1.	Public Comments	
2. *	Recommend Approval of (1) a construction contract to the lowest responsive and responsible bidder, (2) a Work Authorization to Kennedy/Jenks Consultants for Engineering Services During Construction, and (3) a Work Authorization to TRC Companies, Inc. for Construction Management Services for the PFAS Groundwater Treatment and Well Q2 Perchlorate Removal Facility Project	1
3. *	Operations and Production Report	3
4. *	Capital Improvement Projects Construction Status Report	61
5. *	Committee Planning Calendar	63
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 November 27, 2019.

M65



COMMITTEE MEMORANDUM

DATE: November 19, 2019

TO: Engineering and Operations Committee

FROM: Brian J. Folsom, P.E. *BJF*
Chief Engineer

SUBJECT: Recommend Approval of (1) a construction contract to the lowest responsive and responsible bidder, (2) a Work Authorization to Kennedy/Jenks Consultants for Engineering Services During Construction, and (3) a Work Authorization to TRC Companies, Inc. for Construction Management Services for the PFAS Groundwater Treatment and Well Q2 Perchlorate Removal Facility Project

SUMMARY

The site construction work for the N Wells PFAS Groundwater Treatment and Well Q2 Perchlorate Removal project is scheduled to be advertised for construction bids during December 2019 with a January 2020 bid opening. At the October 1, 2019 Board meeting, the material purchase funding was authorized, and the material acquisition is in progress. Staff is recommending the General Manager be authorized to award a construction contract pursuant to our normal bidding practices to the lowest responsive and responsible bidder. Staff is also recommending approval of a work authorization to Kennedy/Jenks Consultants (K/J) for engineering services during construction, and approval of a work authorization to TRC Companies, Inc. (TRC) for construction management services.

DISCUSSION

The design and construction of facilities to remove PFAS from the N Wells and to remove perchlorate from Well Q2 is underway. In October 2019, the SCV Water Board of Directors authorized the final design services and material purchase for this work. The final design has been completed and the project is being advertised for construction bids. The site construction bid opening is scheduled for January 2020. In order to meet the aggressive timeline of having treatment in place by summer 2020, staff is recommending that the General Manager be authorized to award a construction contract pursuant to our normal bidding practices to the lowest responsive and responsible bidder.

The engineer's estimate for the project is \$8,100,000. The contractor will be a licensed Class A contractor in the State of California and registered with the Department of Industrial Relations.

Staff requested the engineering design consultant, K/J, to provide a proposal for professional engineering services during construction. K/J services include performing construction observation site visits, responding to contractor's request for information and clarifications, reviewing contractor submittals for conformance to the project's technical aspects, reviewing request for quotes, attending various construction meetings, and preparing as-built drawings.

Staff also solicited proposals for construction management services. Staff is recommending TRC for the work. The general scope of work includes providing construction management, inspection, overall construction coordination and material testing.

CEQA Determination

At the October 1, 2019 Board meeting, the Board considered staff's CEQA determination that the PFAS Groundwater Treatment and Well Q2 Perchlorate Removal projects were categorically exempt from CEQA and agreed with the recommendation to file a Notice of Exemption for each project. Notices of Exemptions were filed with the Los Angeles County Clerk, Ventura County Clerk, and State Clearinghouse on October 4, 2019, October 8, 2019, and October 2, 2019 respectively. The 35-day statute of limitations for challenges to the Board's action has passed and no challenges were filed. There have been no changes to the projects, and no additional CEQA review is required for the Board to take action on the recommendations below.

FINANCIAL CONSIDERATIONS

To meet the aggressive timeline of having treatment in place by summer 2020, staff is recommending the General Manager be authorized to award a construction contract pursuant to our normal bidding practices in an amount not exceeding the engineer's estimate of \$8,100,000. K/J's budget for engineering services during construction is an amount not to exceed \$215,000 and the work will be performed on a time and expense basis. TRC's budget for construction management services is an amount not to exceed \$555,000. TRC's services will be performed on a time and materials basis.

Funds from the Valencia Water Division (VWD) Reserves will be utilized to fund the N Well PFAS Groundwater Treatment project. For the Well Q2 site construction, it is anticipated that costs for this project will be reimbursed by Whittaker Corporation per the Perchlorate Settlement Agreement. In the interim, funds from the VWD Reserves will be utilized.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors (1) authorize the General Manager to award a construction contract in an amount not to exceed \$8,100,000 to the lowest responsive and responsible bidder and, (2) authorize the General Manager to execute a work authorization with Kennedy/Jenks Consultants for an amount not to exceed \$215,000 for engineering services during construction, and (3) authorize the General Manager to execute a work authorization with TRC Companies, Inc. for an amount not to exceed \$555,000 for construction management services for the PFAS Groundwater Treatment and Well Q2 Perchlorate Removal Facility Project.

M65



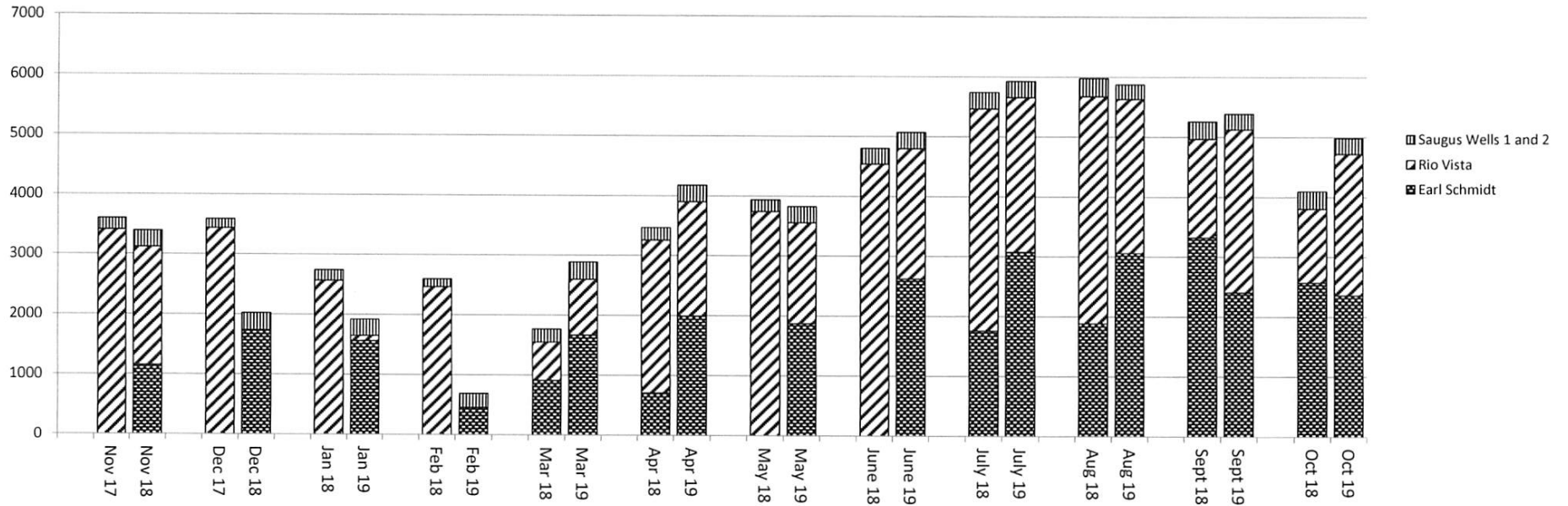
Monthly Operations & Production Report

October 2019

[This page intentionally left blank.]

SANTA CLARITA VALLEY WATER AGENCY
October 2019 Regional Operations Report

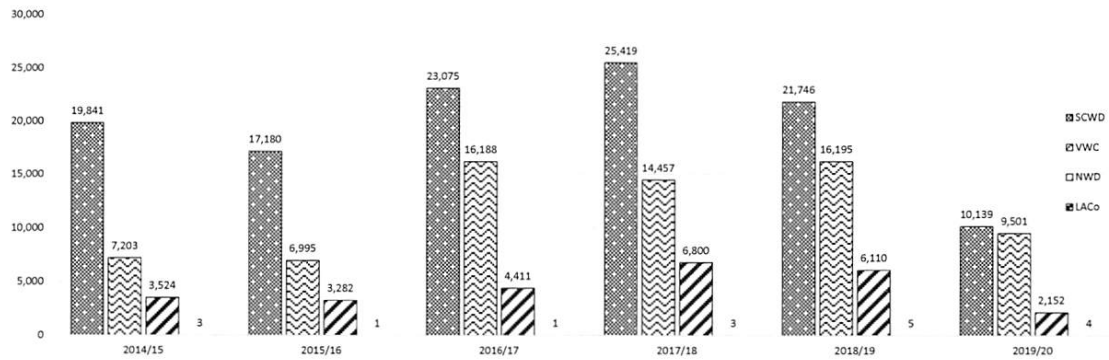
Water Supply (acre-feet)



Source	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Total
Earl Schmidt	1154	1736	1560	458	1665	1992	1869	2622	3071	3057	2404	2360	23947.765
Rio Vista	1961	0	85	0	933	1910	1683	2175	2588	2577	2719	2360	18991.4
Saugus 1 and 2	272	286	275	230	288	276	277	273	267	242	261	263	3210.061
Total	3387	2022	1920	688	2886	4178	3829	5070	5926	5876	5384	4983	23980
Total Sold	3349	1947	1805	802	2735	4016	3754	4985	5823	5779	5316	4878	45189
RVWTP Use/Storage	72	9	80	-78	52.55	66.96	17.54	22.04	35.68	27.64	27.66	40.42	242.09
Total Use	3421	1956	1885	724	2787.55	4082.96	3771.54	5007.04	5858.68	5806.64	5343.66	4918.42	23635.09
Water Loss	1.00%	-3.26%	-1.82%	5.23%	-3.41%	-2.27%	-1.50%	-1.24%	-1.14%	-1.18%	-0.75%	-1.30%	-1.44%
Recycled Water	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Total
Valencia	0	0	2	0	10	50	36	59	76	70	64	65	432

* 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	1,536	746	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	268	135	205	200	244	283	253	334	3,524
LACo	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	4,517	3,798	3,285	2,996	2,215	1,221	1,603	1,635	1,818	2,306	2,299	2,879	30,571
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	1,800	1,616	1,629	1,427	1,180	829	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	276	233	199	148	195	206	250	319	411	3,282
LACo	0	0	0	0	0	0	0	1	0	0	0	0	1
Total	2,769	2,946	2,524	2,455	2,207	1,743	1,134	1,622	1,803	1,888	2,646	3,721	27,458
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	2,663	2,368	2,128	1,712	1,377	952	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
Total	4,447	4,770	4,091	3,580	2,612	2,231	1,736	1,716	2,699	4,152	5,559	6,081	43,674
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	1,578	1,580	969	1,905	2,076	2,264	25,419
VWC	2,089	1,723	1,184	1,260	966	969	853	676	619	1,160	1,336	1,622	14,457
NCWD	785	856	845	801	640	556	253	275	157	349	473	808	6,800
LACo	0	0	0	0	0	0	0	1	0	0	1	0	3
Total	5,958	5,615	4,619	4,522	3,528	3,481	2,684	2,532	1,746	3,414	3,885	4,695	46,680
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	1,882	1,274	1,110	493	1,177	1,770	1,632	2,189	21,746
VWC	1,921	2,026	1,743	1,300	1,084	459	513	232	1,205	1,819	1,701	2,193	16,195
NWD	1,023	1,012	881	537	382	214	181	76	352	428	422	603	6,110
LACo	1	0	0	1	0	0	1	1	1	0	0	0	5
Total	5,639	5,855	5,160	4,011	3,349	1,947	1,805	802	2,735	4,016	3,754	4,985	44,057
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	2,310	0	0	0	0	0	0	0	0	10,139
VWC	2,491	2,518	2,348	2,145	0	0	0	0	0	0	0	0	9,501
NWD	721	518	492	422	0	0	0	0	0	0	0	0	2,152
LACo	2	0	0	1	0	0	0	0	0	0	0	0	4
Total	5,823	5,779	5,316	4,879	0	0	0	0	0	0	0	0	21,796
Cum. FYTD	5,823	11,602	16,918	21,796	21,796	21,796	21,796	21,796	21,796	21,796	21,796	21,796	

*Total does not include recycled water.

SANTA CLARITA VALLEY WATER AGENCY

Record of Weather Observations

October 2019

(Beginning of the 2020 Water Year)

DATE	High Temperature	Low Temperature	Precipitation 2019	Precipitation 2018
1-Oct	74	41	0.00	0.00
2-Oct	82	39	0.00	0.00
3-Oct	79	42	0.00	0.00
4-Oct	82	43	0.00	0.00
5-Oct	86	41	0.00	0.00
6-Oct	92	44	0.00	0.00
7-Oct	93	47	0.00	0.00
8-Oct	86	47	0.00	0.00
9-Oct	76	47	0.00	0.00
10-Oct	74	48	0.01	0.00
11-Oct	77	47	0.00	0.00
12-Oct	84	40	0.00	0.11
13-Oct	79	40	0.00	0.38
14-Oct	77	41	0.00	0.01
15-Oct	90	42	0.00	0.02
16-Oct	89	47	0.00	0.00
17-Oct	76	51	0.00	0.00
18-Oct	81	52	0.00	0.00
19-Oct	82	44	0.00	0.00
20-Oct	81	58	0.00	0.00
21-Oct	88	47	0.00	0.00
22-Oct	94	49	0.00	0.00
23-Oct	90	48	0.00	0.00
24-Oct	84	56	0.00	0.00
25-Oct	87	54	0.00	0.00
26-Oct	89	47	0.00	0.00
27-Oct	70	58	0.00	0.00
28-Oct	69	39	0.00	0.00
29-Oct	70	34	0.00	0.00
30-Oct	60	44	0.00	0.00
31-Oct	68	52	0.00	0.00

TOTAL		0.01	0.52
--------------	--	-------------	-------------

		2019-2020	2018-2019
<i>Total Precipitation of Current Month</i>		0.01	0.52
<i>Total Precipitation End of Previous Month</i>		0.00	0.00

Total Precipitation Since October 1st		0.01	0.52
--	--	-------------	-------------

<i>Temperature Averages for Current Month</i>	HIGH	80.9	80.1
	LOW	46.1	49.2

Santa Clarita Valley Water Agency

Summary of Annual Precipitation

October 1st through September 30th

(Total in Inches)

	<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>	<i>2008-09</i>
Oct	0.33	0.00	1.13	0.22	0.00	1.10	4.79	1.91	0.42	0.25	0.09
Nov	1.39	0.00	0.00	3.18	3.01	0.63	0.64	0.59	0.05	0.50	1.78
Dec	1.39	0.05	0.00	1.30	5.85	2.57	8.54	0.14	0.83	2.67	3.01
Jan	2.08	1.21	5.84	1.55	0.00	0.65	17.06	3.27	1.66	17.54	0.69
Feb	0.65	9.43	10.76	0.51	9.03	8.07	16.69	3.78	1.38	1.82	6.78
Mar	3.00	3.15	3.38	0.38	2.38	0.37	2.70	5.68	0.17	0.10	1.18
Apr	3.78	2.10	2.56	0.05	2.35	0.20	1.42	4.22	0.71	0.07	0.07
May	0.00	0.00	0.00	0.12	1.70	0.00	0.45	0.99	0.00	0.17	0.01
Jun	0.48	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Jul	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.04	0.00	0.00
Aug	0.00	0.31	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00
Sep	0.01	0.00	0.00	0.02	0.00	0.00	0.17	0.00	1.32	0.00	0.00
TOTAL	13.11	16.25	23.67	7.34	24.34	13.59	52.55	20.58	6.58	23.12	13.64
	<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>	<i>2019-20</i>
Oct	4.04	1.34	1.97	0.15	0.11	0.32	0.17	0.43	0.00	0.52	0.01
Nov	0.08	1.87	2.50	2.20	1.41	0.64	0.21	1.49	0.06	1.87	
Dec	4.28	11.97	1.19	1.54	0.37	6.16	0.49	3.44	0.01	2.77	
Jan	9.13	0.96	1.23	1.94	0.06	1.44	6.07	10.30	3.18	8.08	
Feb	4.96	5.36	0.13	0.42	5.26	0.74	0.69	8.98	0.35	8.56	
Mar	0.69	8.86	4.99	1.21	1.64	1.09	2.75	0.33	7.50	4.15	
Apr	2.40	0.12	4.02	0.00	0.31	0.16	0.37	0.09	0.02	0.09	
May	0.07	0.74	0.01	0.74	0.00	0.66	0.09	0.26	0.01	1.60	
Jun	0.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	
Jul	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	0.01	0.00	0.05	0.00	0.02	0.07	0.00	0.00	
Sep	0.00	0.00	0.02	0.00	0.00	0.78	0.00	0.13	0.02	0.03	
TOTAL	25.65	31.27	16.07	8.28	9.23	12.87	10.87	25.53	11.15	27.68	0.01

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
TOTAL NWD	229	187	45	265	238	271	353	555	451	0	0	0	2594
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
TOTAL SCWD	122	354	8	216	271	295	333	342	310	0	0	0	2251
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	656
TOTAL VWD	752	569	106	457	491	605	834	988	780	0	0	0	5581
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
TOTAL S1 & S2	275	230	288	276	277	273	267	242	261	0	0	0	2389
TOTAL WELL PRODUCTION	1378	1340	447	1214	1276	1444	1787	2127	1802	0	0	0	12815
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
NEWHALL SYSTEM													
N12	85	72	17	60	41	0	147	191	109	163			886
N13	95	79	21	139	108	168	78	222	190	194			1293
CASTAIC SYSTEM													
C1	21	13	3	23	31	36	46	56	54	44			327
C2	6	5	0	13	18	20	24	11	27	21			147
C7	22	18	4	29	40	47	59	75	70	57			421
PINETREE SYSTEM													
P1	0	0	0	0	0	0	0	0	0	0			0
P3	0	0	0	0	0	0	0	0	0	0			0
P4	0	0	0	0	0	0	0	0	0	0			0
P5	0	0	0	0	0	0	0	0	0	0			0
S1 & S2	74	62	77	74	74	73	72	65	70	71			711
TOTAL GROUNDWATER	303	249	122	338	312	344	425	620	521	549	0	0	3784
IMPORT + S1 & S2													
NEWHALL SYSTEM													
N-3	13	1	156	109	162	216	233	73	128	65			1156
CASTAIC SYSTEM													
N-1	39	18	69	76	46	67	74	73	41	47			550
PINETREE SYSTEM													
N-2	87	48	88	156	139	197	233	239	206	202			1596
TESORO SYSTEM													
N-4	41	10	40	86	75	122	180	133	117	109			913
TOTAL IMPORT + S1 & S2	181	76	352	428	422	603	721	518	492	422	0	0	4214
TOTAL GROUNDWATER (INCLUDES S1 & S2)	303	249	122	338	312	344	425	620	521	549	0	0	3784
TOTAL IMPORT (NO S1 & S2)	107	15	275	354	348	530	649	453	422	352	0	0	3503
TOTAL GROSS PRODUCTION (GW + IMPORT)	410	263	397	692	660	874	1074	1073	943	901	0	0	7287
TOTAL INTERTIE TRANSFERS	0	50	0	0	0	-13	-52	0	0	0	0	0	-15
TOTAL NET PRODUCTION	410	314	397	692	660	861	1022	1073	943	901	0	0	7272
% BY SOURCE													
GROUNDWATER	74%	79%	31%	49%	47%	40%	42%	58%	55%	61%			52%
IMPORT	26%	5%	69%	51%	53%	62%	64%	42%	45%	39%			48%
INTERTIE	0%	16%	0%	0%	0%	-2%	-5%	0%	0%	0%			0%

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

GROUNDWATER	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	27			177
LOST CANYON NO.2A	0	24	1	30	59	50	85	101	77	54			481
SAND CANYON	3	29	1	38	69	91	91	94	86	58			560
MITCHELL 5A	0	0	0	0	0	0	0	0	0	0			0
MITCHELL 5B	0	0	0	0	0	0	1	1	0	1			3
SIERRA	15	54	1	1	6	41	29	13	16	27			203
NORTH OAKS EAST	2	35	1	2	1	2	2	1	2	0			48
NORTH OAKS CENTRAL	2	47	2	2	1	3	3	2	4	2			68
NORTH OAKS WEST	0	0	0	0	0	0	0	0	0	0			0
HONBY	1	2	0	0	0	0	1	4	4	2			14
GUIDA	25	31	0	41	34	53	44	45	45	37			355
CLARK	19	32	0	29	25	39	32	32	28	39			275
SANTA CLARA	1	37	1	1	1	2	1	2	5	2			53
VALLEY CENTER	54	55	1	72	75	0	0	0	0	0			257
TOTAL ALLUVIUM	122	354	8	216	271	295	333	342	304	249	0	0	2494
SAUGUS WELLS S1 & S2	201	168	211	202	203	200	196	177	191	193			1941
TOTAL GROUNDWATER	323	522	219	418	474	495	529	519	495	442	0	0	4435
IMPORT + S1 & S2	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
SC-1 BOUQUET	191	83	175	136	143	171	233	302	269	225			1927
SC-2 HONBY	179	2	126	166	171	250	307	341	311	303			2157
SC-3 WILEY	50	52	52	93	79	111	185	199	186	185			1192
SC-4 HONBY #2	200	119	284	320	354	520	614	599	531	455			3995
SC-5 RIO VISTA	0	0	38	194	204	250	237	233	222	227			1605
SC-6 LOST CANYON	55	68	26	219	95	126	200	215	144	166			1314
SC-7	26	12	50	52	52	110	117	123	113	103			759
SC-8	79	20	112	131	215	303	324	327	298	209			2018
SC-9	40	50	70	85	46	52	130	173	176	135			958
SC-10	35	17	76	172	67	25	24	24	20	76			537
SC-11	38	2	17	0	6	2	5	7	4	21			102
SC-12	180	66	115	140	125	166	176	172	175	170			1484
SC-13	37	1	37	62	73	104	59	27	25	38			462
TOTAL IMPORT + S1 & S2	1110	493	1,177	1,770	1,632	2,189	2,610	2,743	2,475	2,310	0	0	18,509
METERING ADJUSTMENT	-9	-5	0	0	0	-3	0	-0.17	0	0			-18
NET IMPORT + S1 & S2	1,100	488	1,177	1,770	1,632	2,186	2,610	2,742	2,475	2,310	0	0	18,491
TOTAL GROUNDWATER (INCLUDES S1 & S2)	323	522	219	418	474	495	529	519	495	442	0	0	4435
TOTAL IMPORT (NO S1 & S2)	908	324	967	1,568	1,429	1,989	2,415	2,566	2,284	2,118	0	0	16,568
TOTAL GROSS PRODUCTION (GW + IMPORT)	1,232	847	1,185	1,986	1,903	2,484	2,943	3,085	2,779	2,559	0	0	21,003
TOTAL INTERTIE TRANSFERS	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NET PRODUCTION	1,232	847	1,185	1,986	1,903	2,484	2,943	3,085	2,779	2,559	0	0	21,003
% BY SOURCE													
GROUNDWATER	26%	62%	18%	21%	25%	20%	18%	17%	18%	17%			21%
IMPORT	74%	38%	82%	79%	75%	80%	82%	83%	82%	83%			79%
INTERTIE	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%			0%
VALLEY CENTER (NON-SYSTEM) *	0	0	0	0	0	0	0	0.33	0	0			0.33

* 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	16			135
E15	35	21	1	6	9	8	11	14	32	20			157
N	20	36	5	25	30	37	43	58	61	39			354
N7	91	23	8	23	40	49	43	109	100	59			545
N8	39	16	2	33	27	37	100	60	68	71			453
Q2	64	52	4	20	18	0	0	0	0	0			157
T7	8	4	2	4	6	7	21	39	16	26			132
U6	2	3	2	5	6	8	33	49	9	6			122
U4	3	2	1	3	3	3	18	23	5	6			65
S6	64	74	13	33	50	64	26	0	0	7			331
S7	24	24	8	5	13	8	10	17	8	13			130
S8	9	30	4	9	9	13	2	10	7	37			129
W11	24	30	2	56	49	73	88	103	1	0			425
W9	22	9	5	39	36	41	98	92	101	75			518
W10	87	61	8	36	52	74	71	147	152	141			830
TOTAL ALLUVIUM	525	412	73	302	353	428	568	731	573	517	0	0	4483
SAUGUS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
159	0	0	0	0	0	5	0	0	0	2			8
160 - DOM	2	2	1	1	2	1	2	3	2	1			16
160 - VGC*	10	4	19	56	45	66	90	83	40	85			499
201	0	0	0	0	0	0	0	0	0	0			0
205	0	0	0	0	0	0	0	0	0	0			0
206	95	84	7	42	37	54	58	84	65	75			599
207	120	66	6	57	54	50	116	87	100	101			757
TOTAL SAUGUS	226	157	33	156	138	177	265	257	207	264	0	0	1879
IMPORT WATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
V-1	83	23	115	160	204	240	323	351	312	306			2116
V-2	65	42	180	351	289	427	452	454	462	395			3116
V-4	25	14	154	251	229	266	311	330	334	302			2217
V-5	96	63	180	143	159	307	447	461	406	401			2664
V-6	99	37	84	60	67	67	70	96	81	67			728
V-7	18	8	61	160	115	148	150	124	116	61			960
V-8	128	46	431	694	637	738	738	701	637	612			5362
TOTAL IMPORT	513	232	1205	1,819	1,701	2,193	2,491	2,518	2,348	2,145	0	0	17,163
TOTAL GROUNDWATER	752	569	106	457	491	605	834	988	780	781	0	0	6,362
TOTAL IMPORT	513	232	1,205	1,819	1,701	2,193	2,491	2,518	2,348	2,145	0	0	17,163
TOTAL GROSS PRODUCTION	1,265	801	1,311	2,276	2,192	2,797	3,324	3,506	3,128	2,926	0	0	23,525
TOTAL INTERTIE TRANSFERS	0	-50	0	0	0	13	52	0	0	0	0	0	15
TOTAL NET PRODUCTION	1,265	751	1,311	2,276	2,192	2,811	3,377	3,506	3,128	2,926	0	0	23,540
% BY SOURCE													
GROUNDWATER	59%	71%	7%	18%	21%	20%	23%	26%	24%	25%			25%
IMPORT WATER	41%	29%	93%	82%	79%	80%	77%	74%	76%	75%			75%
INTERTIE	0%	-7%	0%	0%	0%	0%	2%	0%	0%	0%			0%
RECYCLED WATER	2	0	10	50	36	59	76	70	64	65			431
Well 201 Discharge *	106	31	106	99	108	101	105	103	102	105			967
Well Q2 Non-System *	0	0	0	0	0	0.05	0.09	0.13	0.60	0			0.87

*Not used in the calculation for % by source

LOS ANGELES COUNTY WATERWORKS DISTRICT 36

SOURCE

TURNOUT	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
LA 1	0.0491	0	0.0276	0.046	0	0.00	0	0	0	0.0368			0.16
LA 2	1.0925	0.5371	0.5432	0	0	0.00	1.989	0.3744	0.491	0.7488			5.78
TOTAL	1.1416	0.5371	0.5708	0.046	0	0	1.989	0.3744	0.491	0.7856	0	0.00	5.94

RAW WATER

SOURCE	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
RVTP	85	0	933	1,910	1683	2175	2,588	2,577	2,404	2,360			16,713.87
ESTP	1,560	458	1,665	1,992	1869	2622	3,071	3,057	2,719	2,360			21,373.30
Wells	275	230	288	276	277	273	267	242	261	263			2,651.76
TOTAL	1,920	688	2,886	4,178	3,828	5,071	5,926	5,875	5,384	4,983	0	0	40,738.92

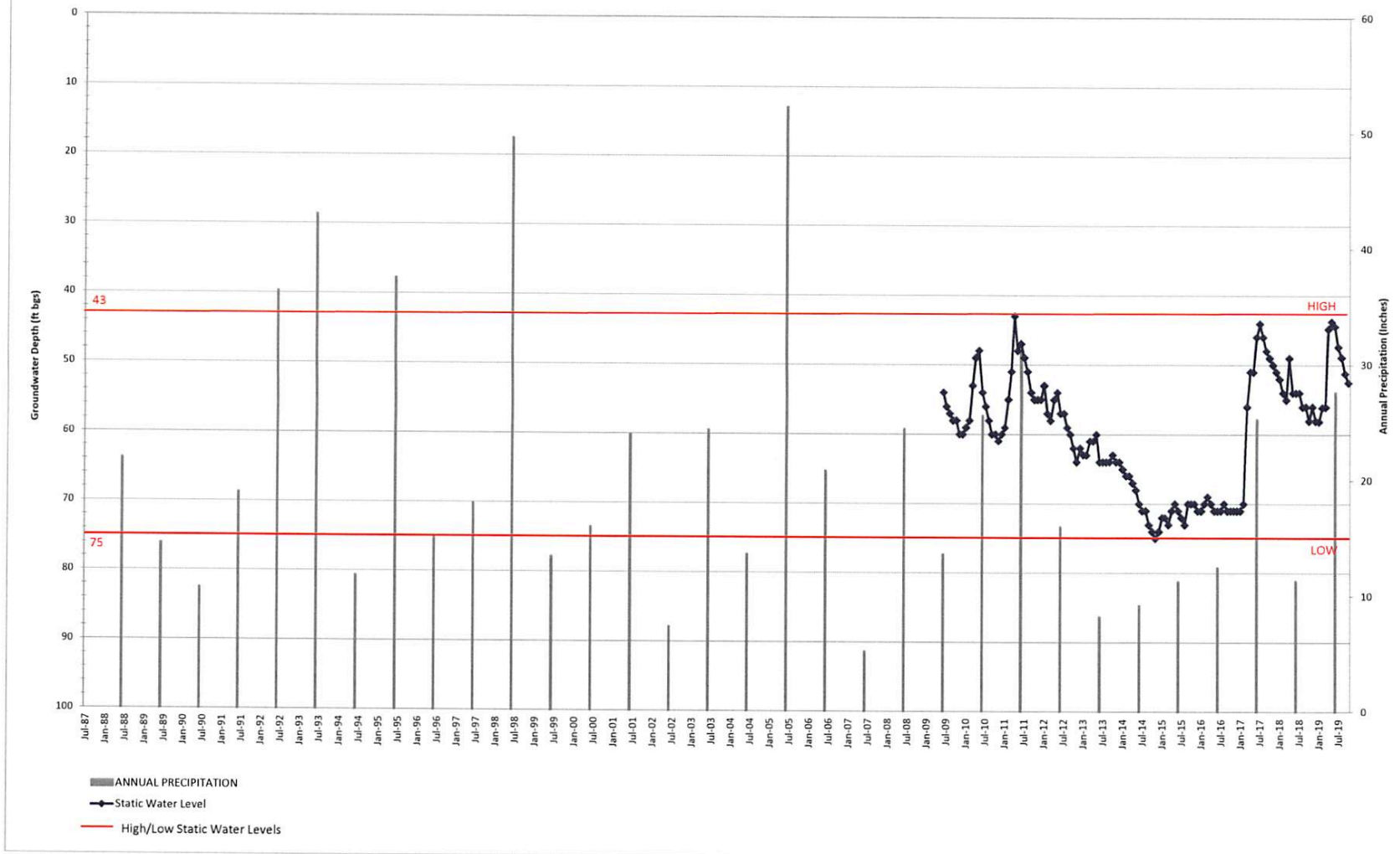
S1/S2 TREATMENT

SOURCE	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	TOTAL
S1	143.2	115.9	148.82	145.9	148.67	142.1	139.7	117.34	129.21	140.96			1371.82
S2	131.98	114.01	138.91	129.74	128.26	131.08	127.4	124.54	131.85	122.19			1279.94
TOTAL	275.17	229.91	287.73	275.65	276.93	273.18	267.1	241.88	261.06	263.15	0	0	2651.76

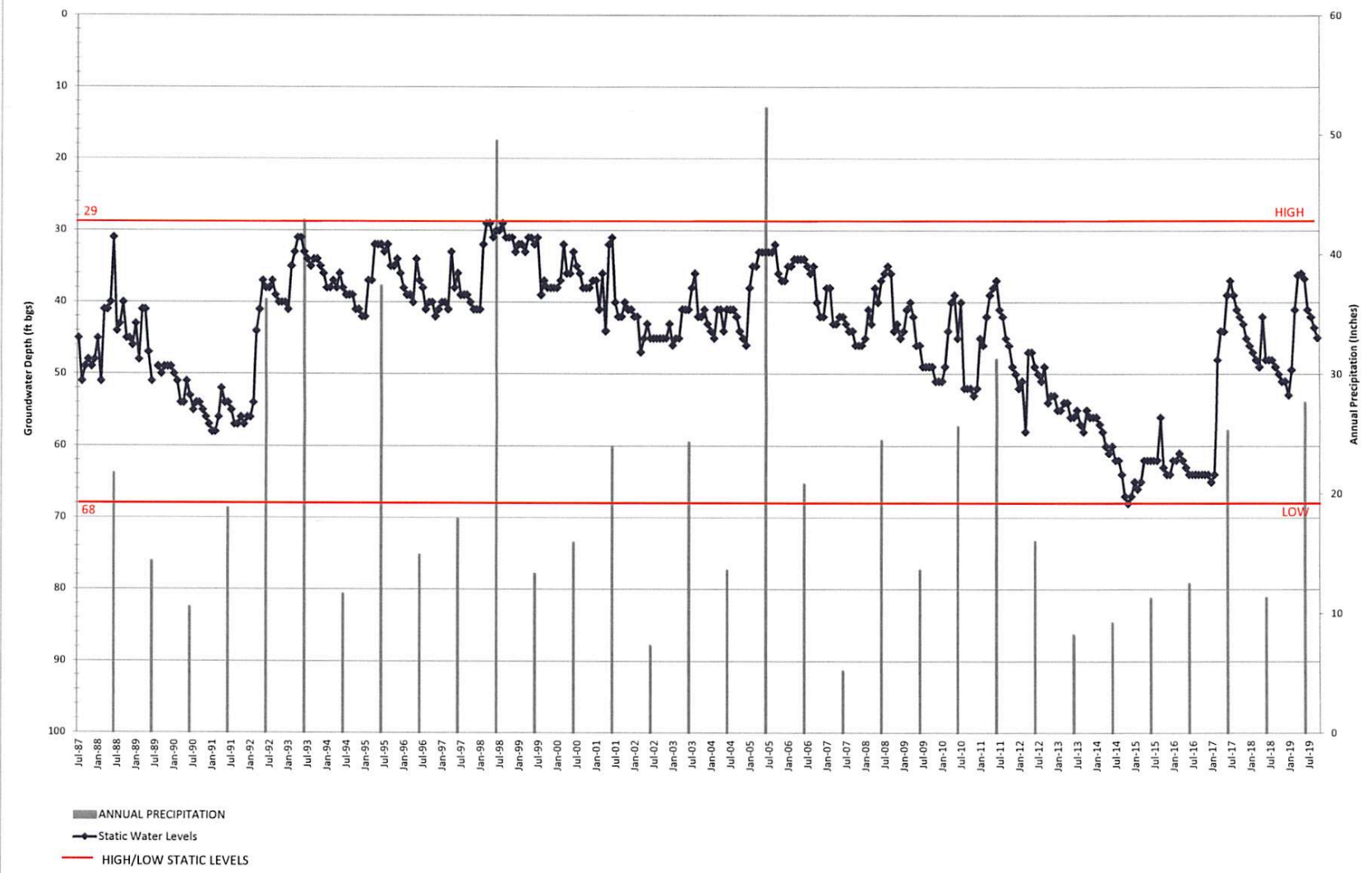
[This page intentionally left blank.]

[This page intentionally left blank.]

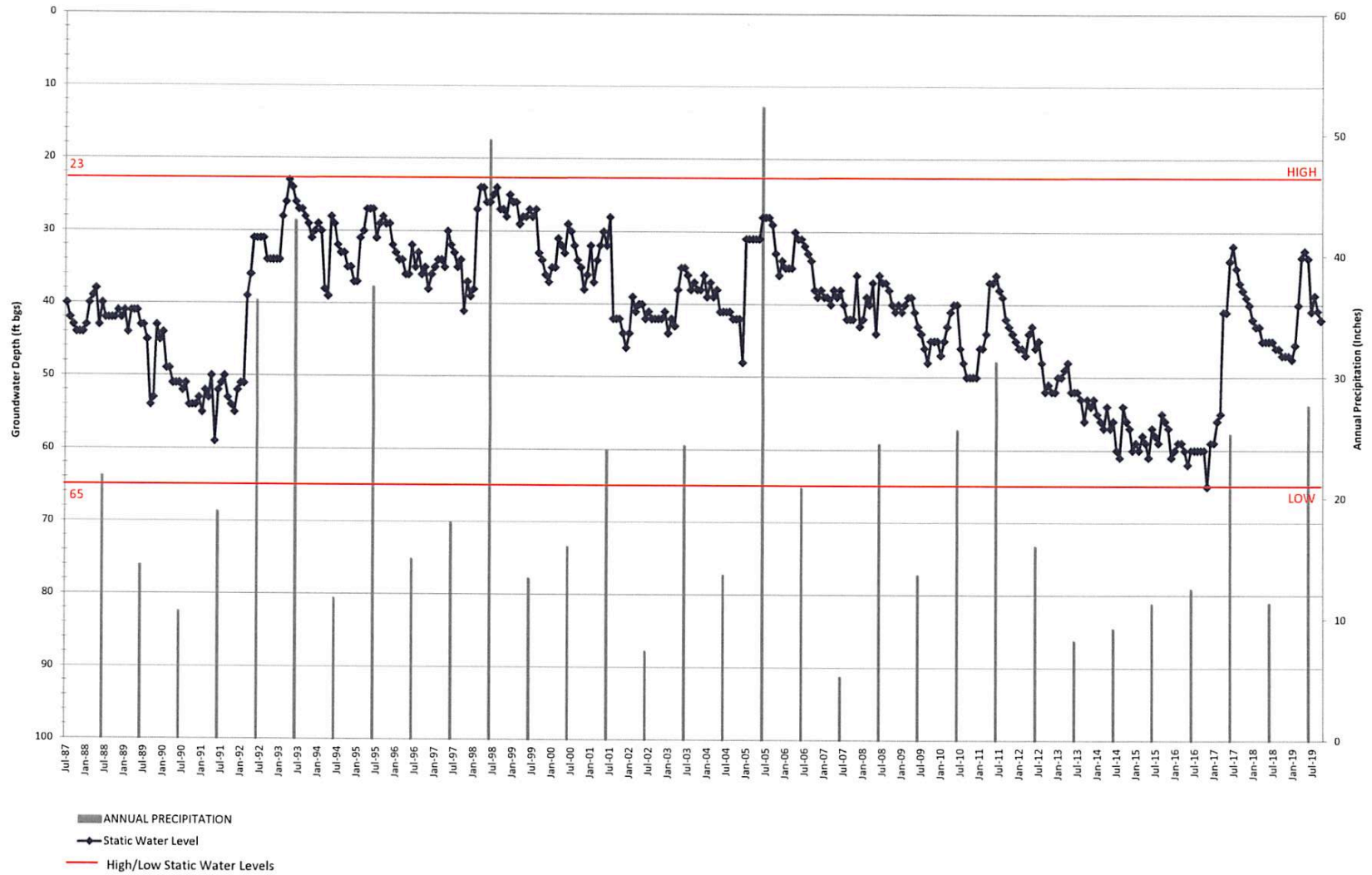
SCV WATER WELL C7
 STATIC WATER LEVEL VS PRECIPITATION



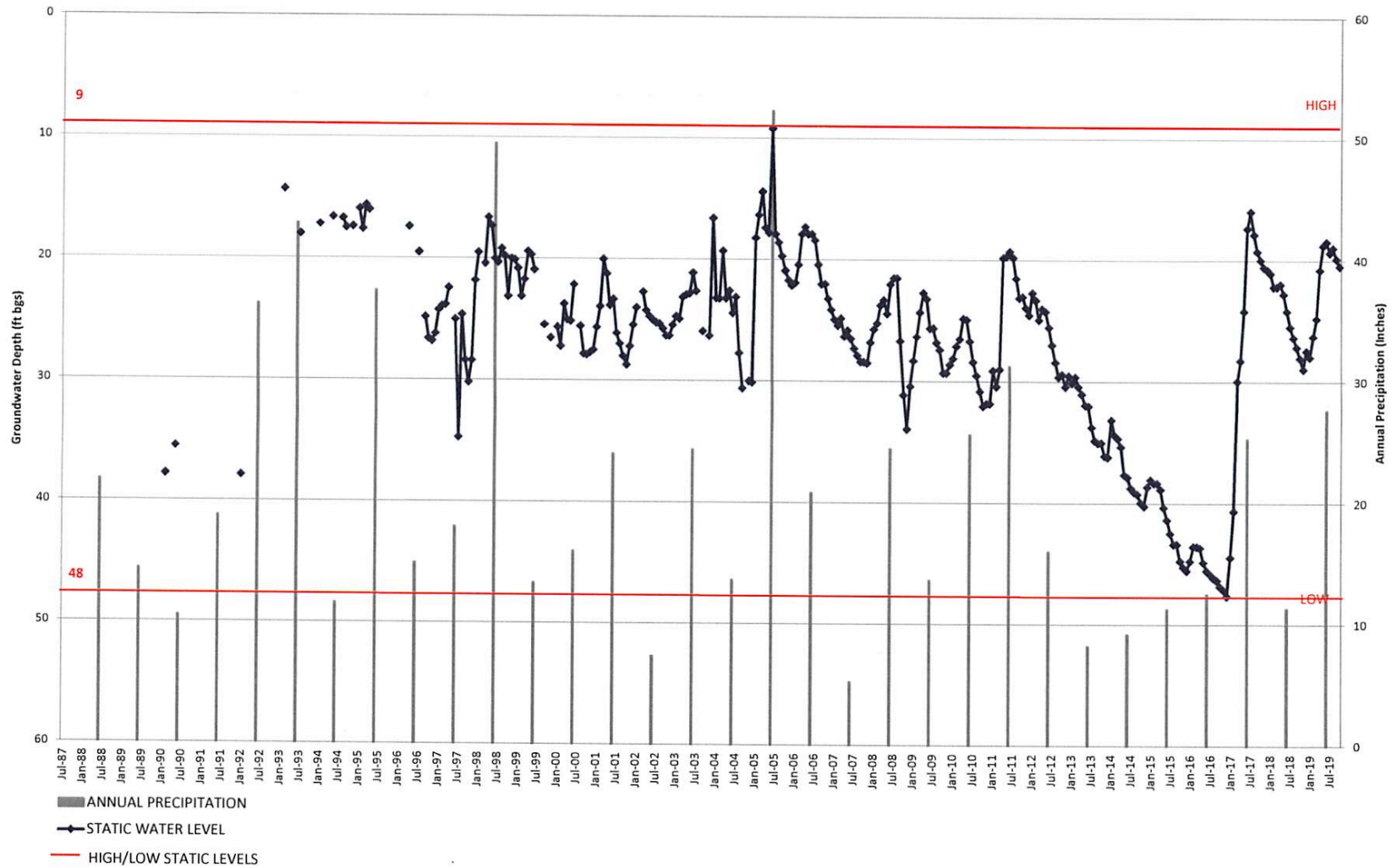
SCV WATER WELL C2
STATIC WATER LEVEL VS PRECIPITATION



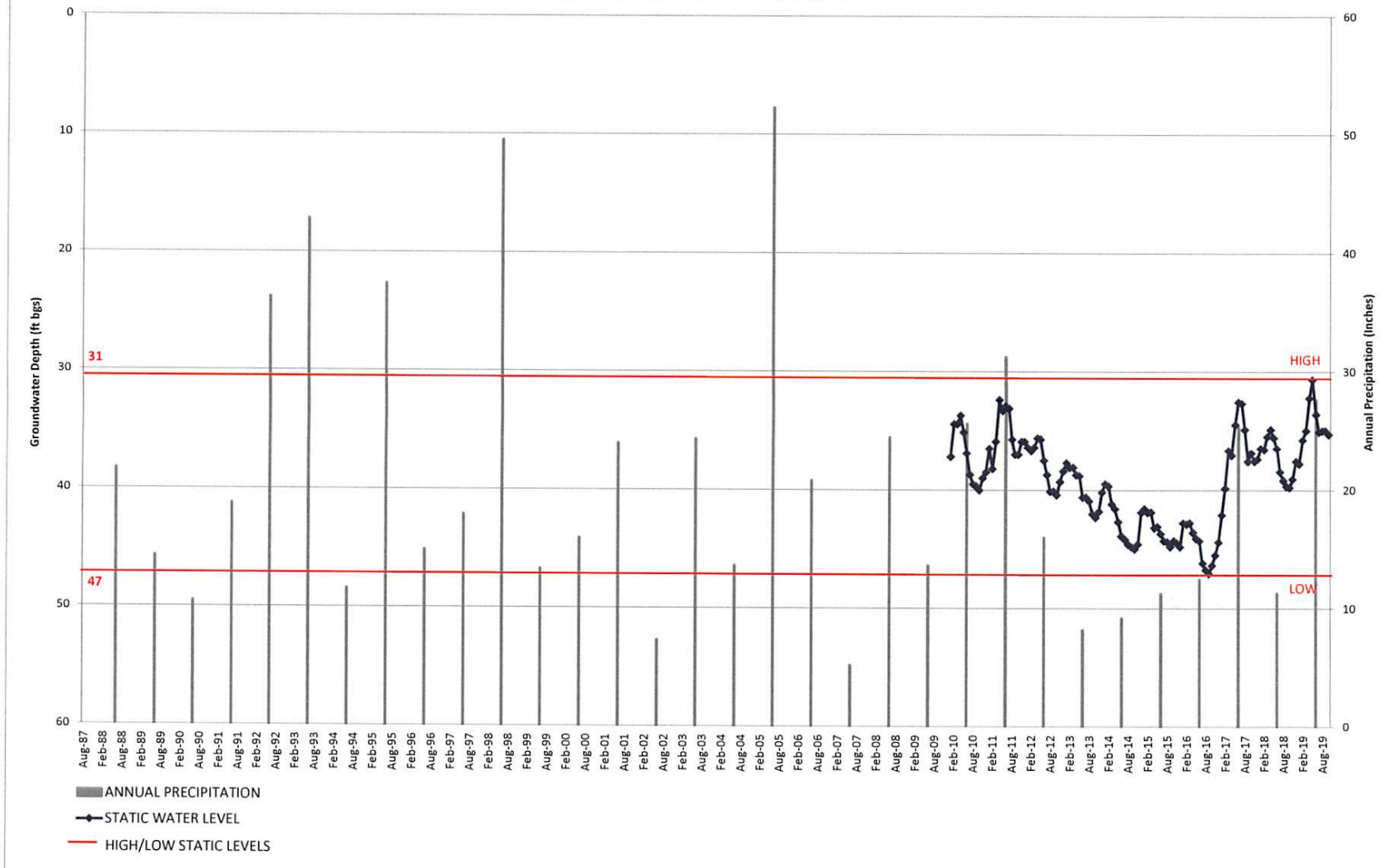
SCV WATER WELL C1
 STATIC WATER LEVEL VS PRECIPITATION



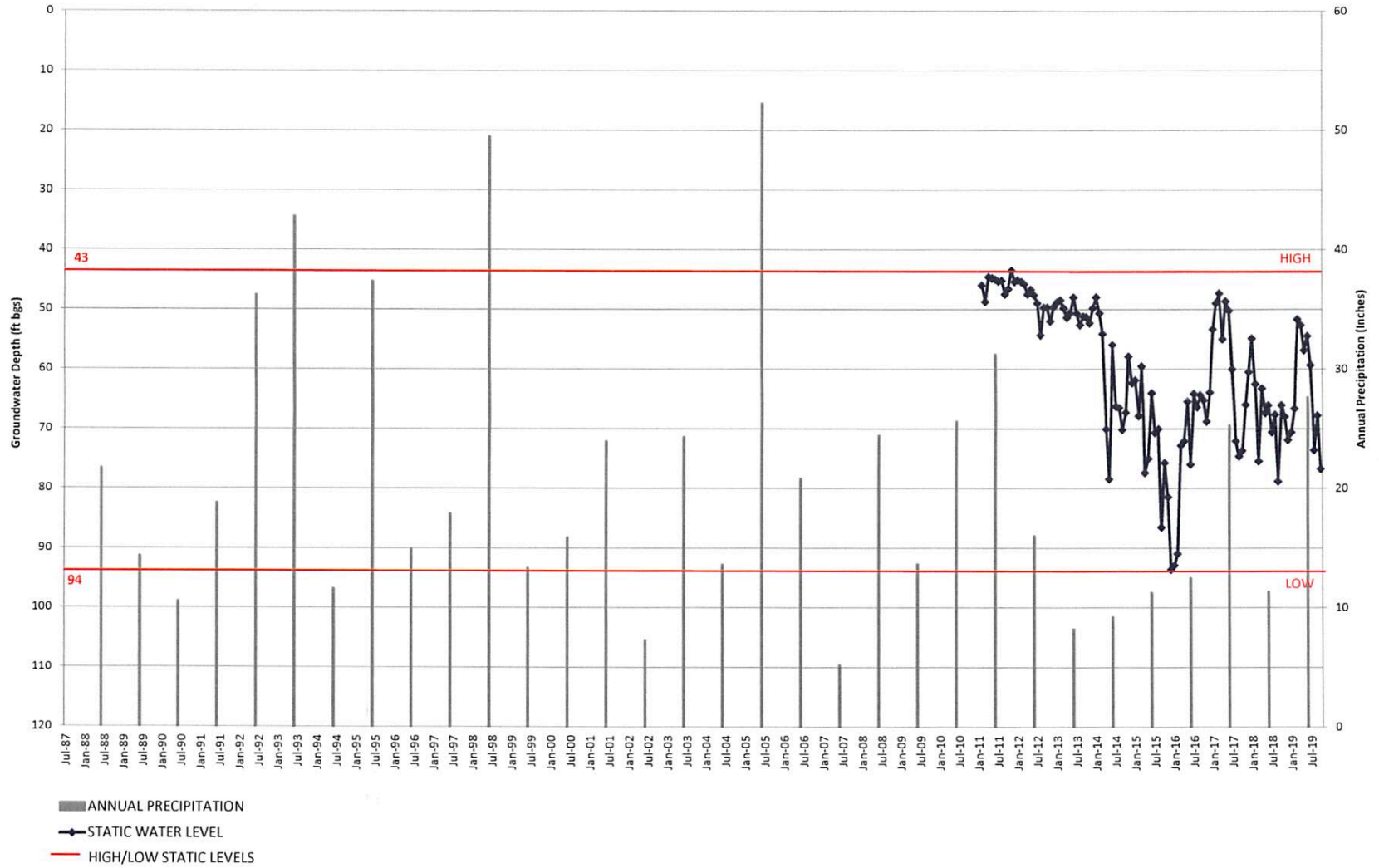
SCV WATER WELL D
STATIC WATER LEVEL VS PRECIPITATION



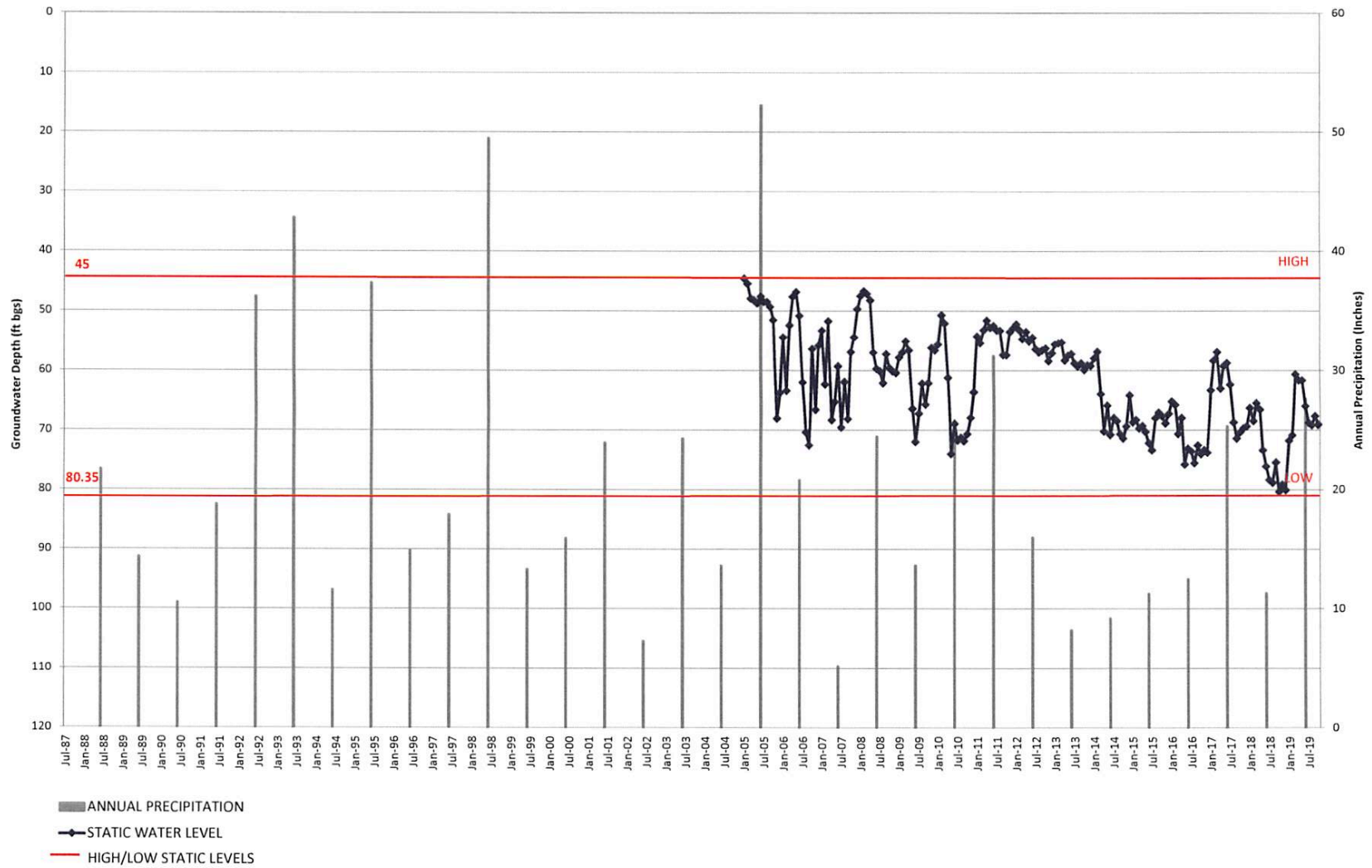
SCV WATER WELL E15
 STATIC WATER LEVEL VS. PRECIPITATION



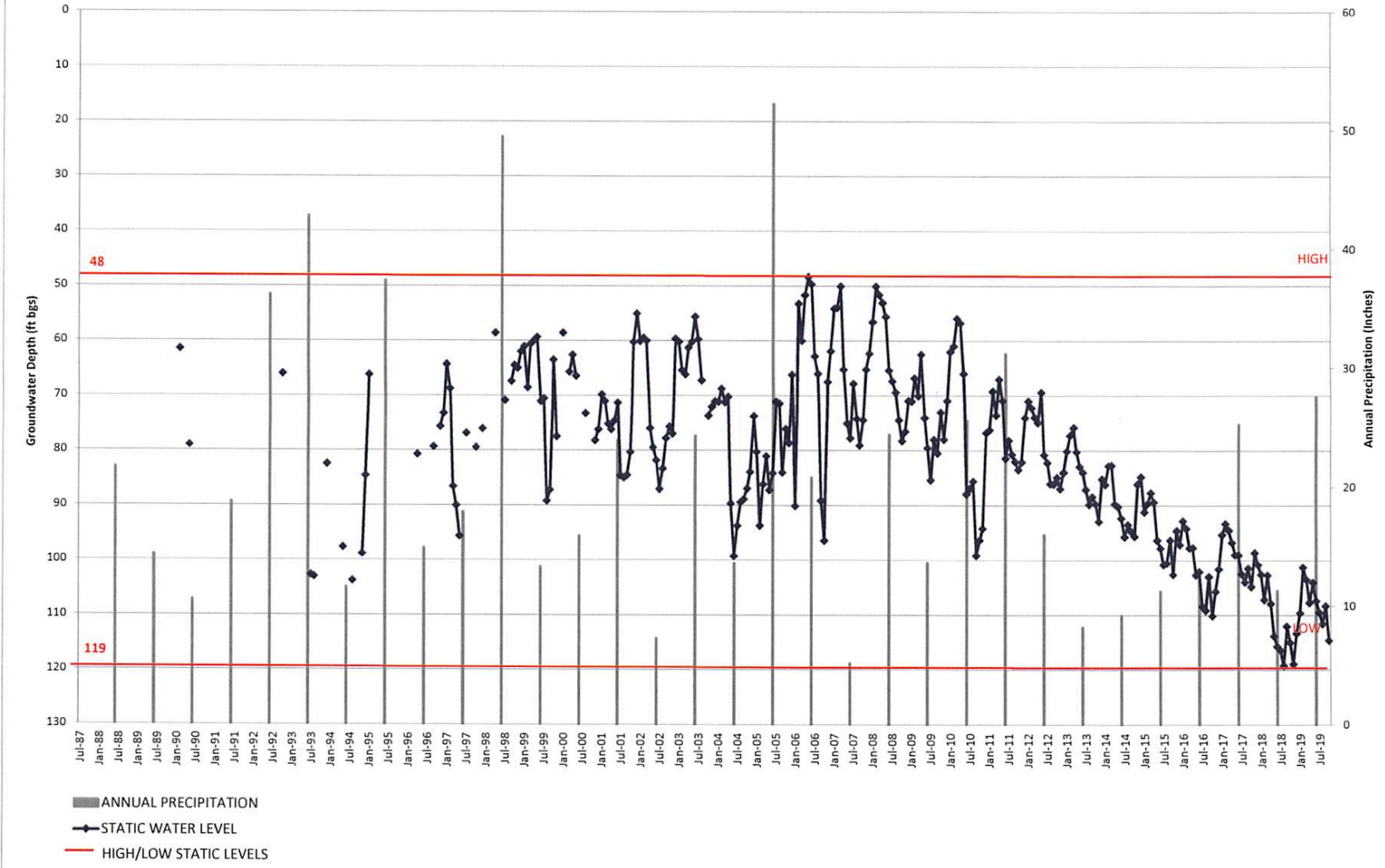
SCV WATER WELL 207
 STATIC WATER LEVEL VS PRECIPITATION



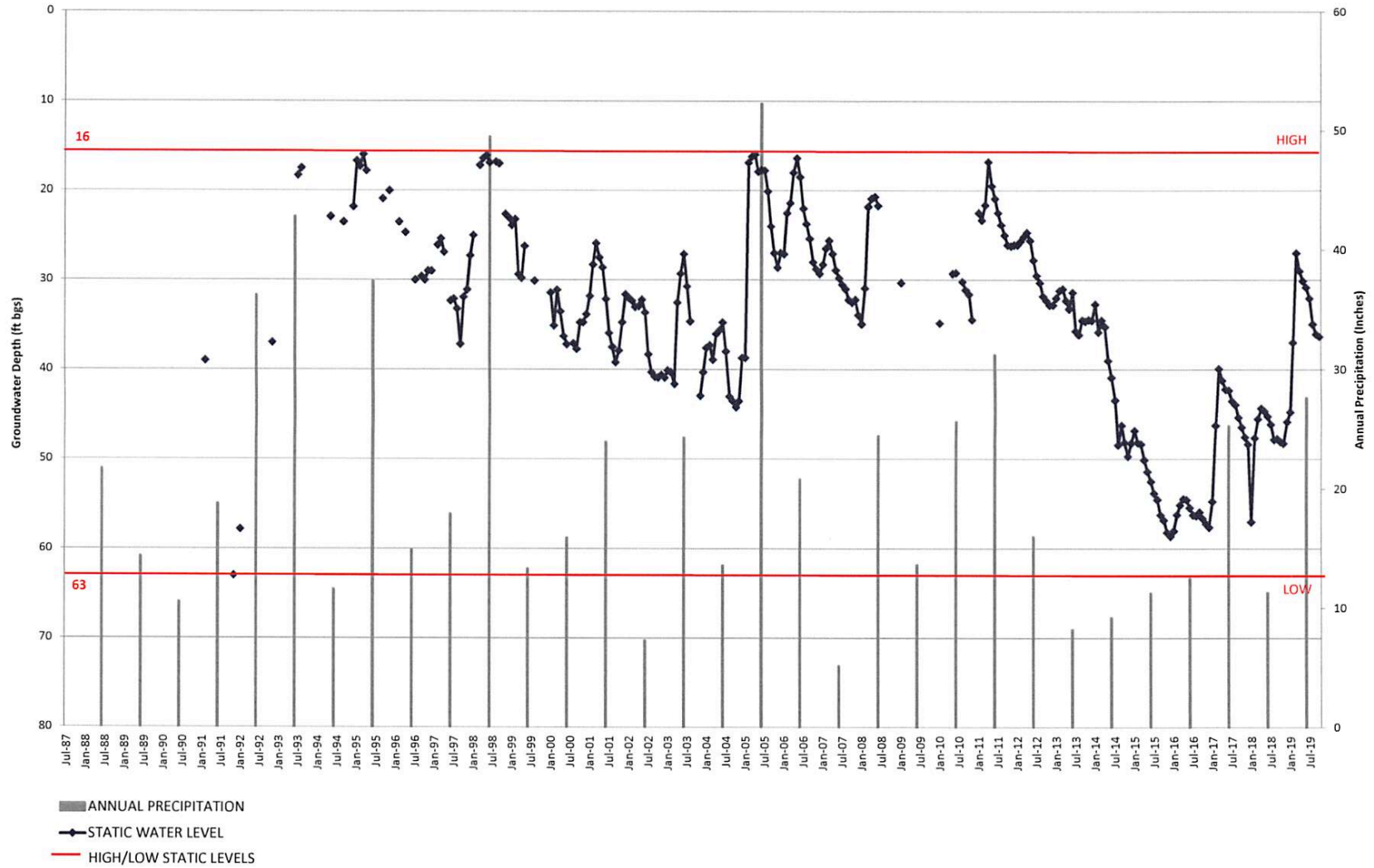
SCV WATER WELL 206
STATIC WATER LEVEL VS PRECIPITATION



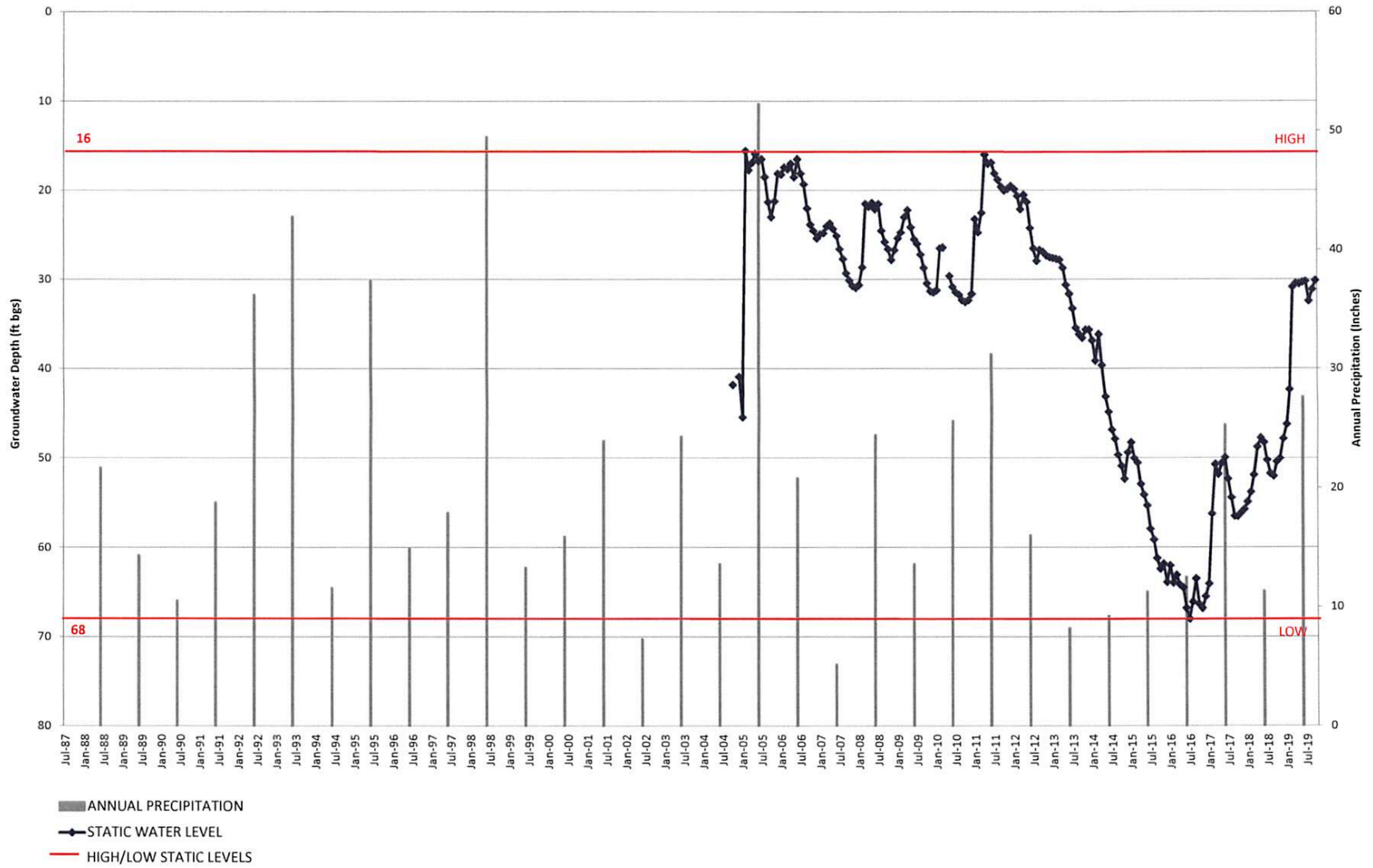
SCV WATER WELL 160
 STATIC WATER LEVEL VS PRECIPITATION



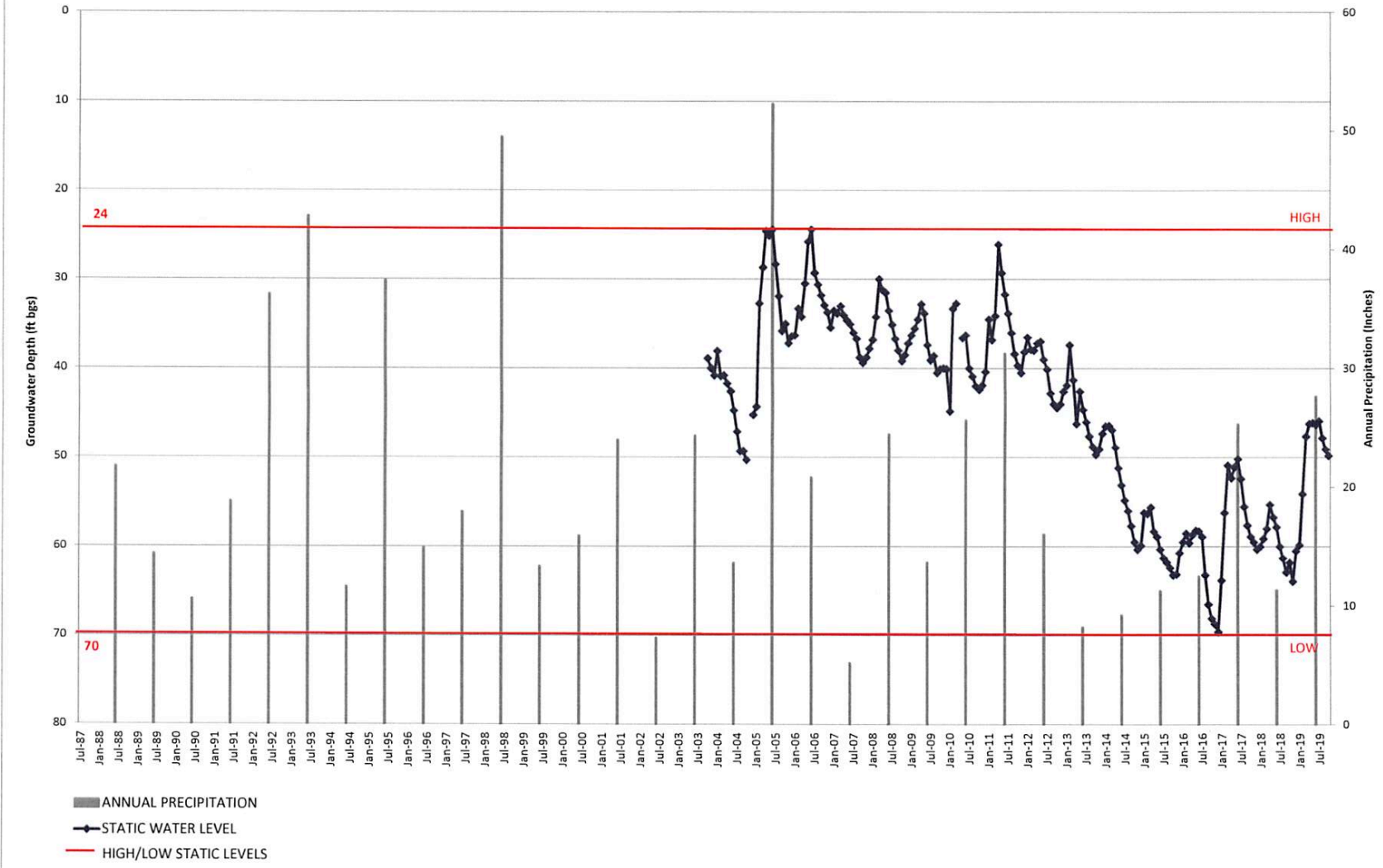
SCV WATER WELL W9
 STATIC WATER LEVEL VS PRECIPITATION



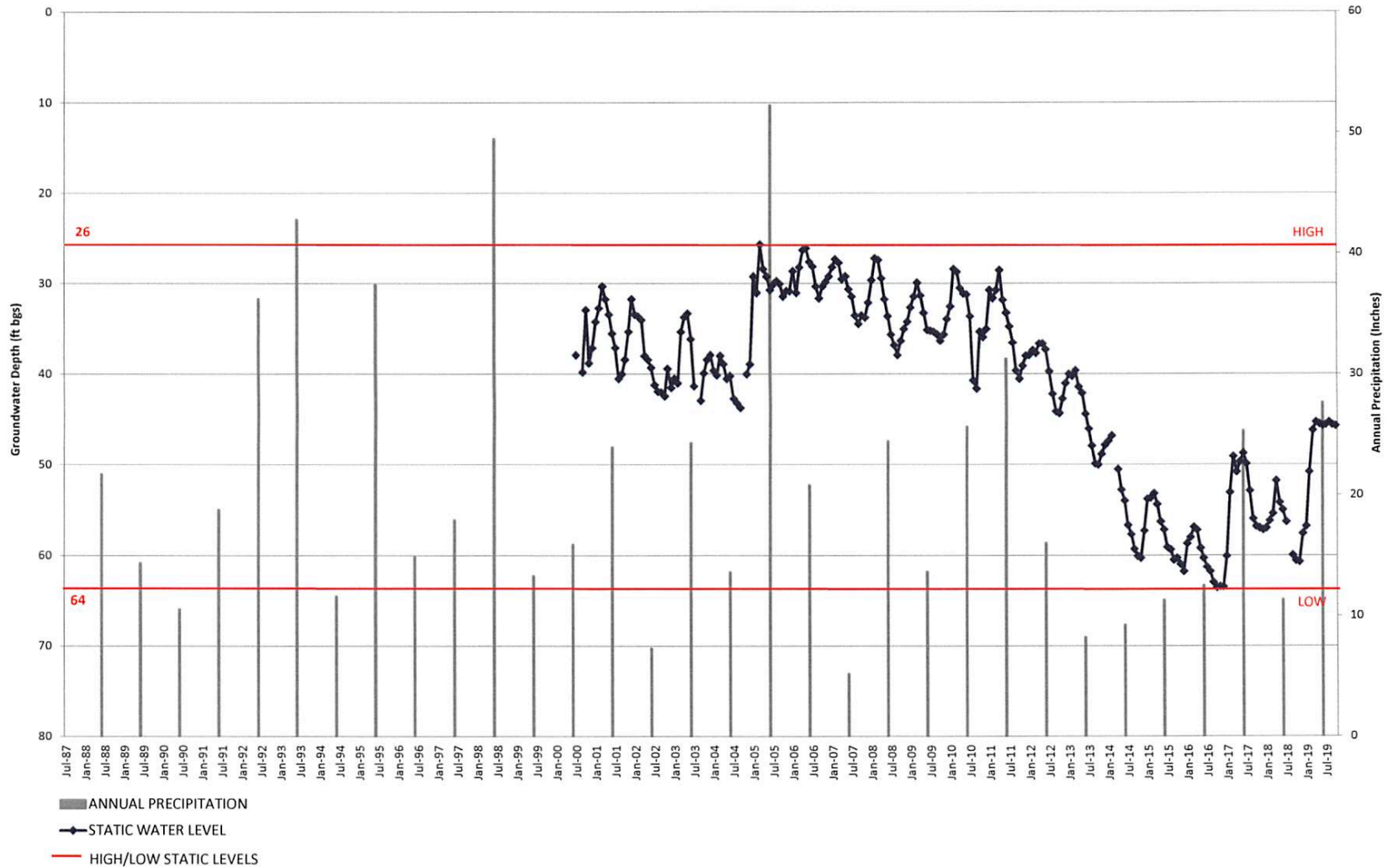
SCV WATER WELL W11
STATIC WATER LEVEL PRECIPITATION



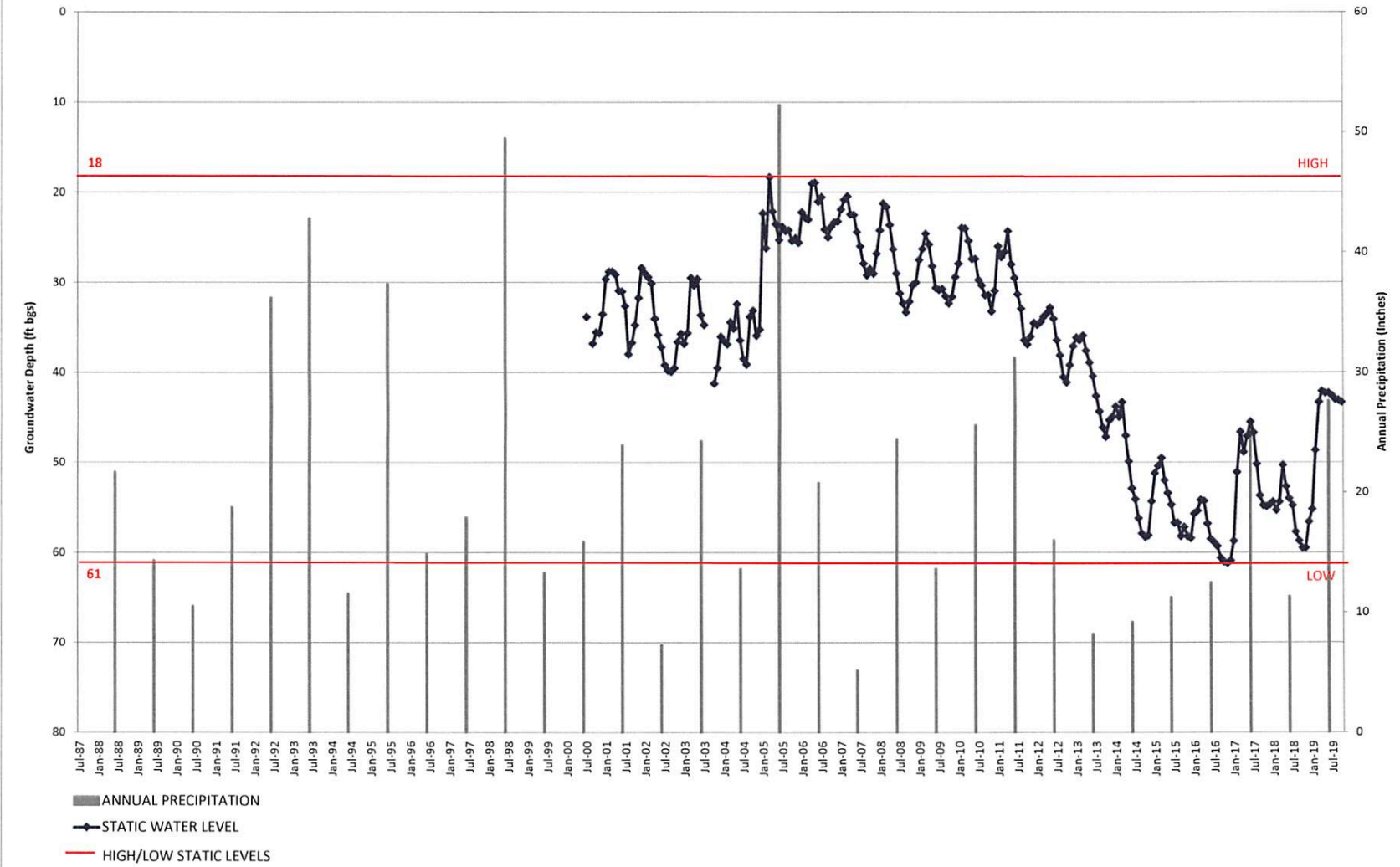
SCV WATER WELL W10
 STATIC WATER LEVEL VS PRECIPITATION



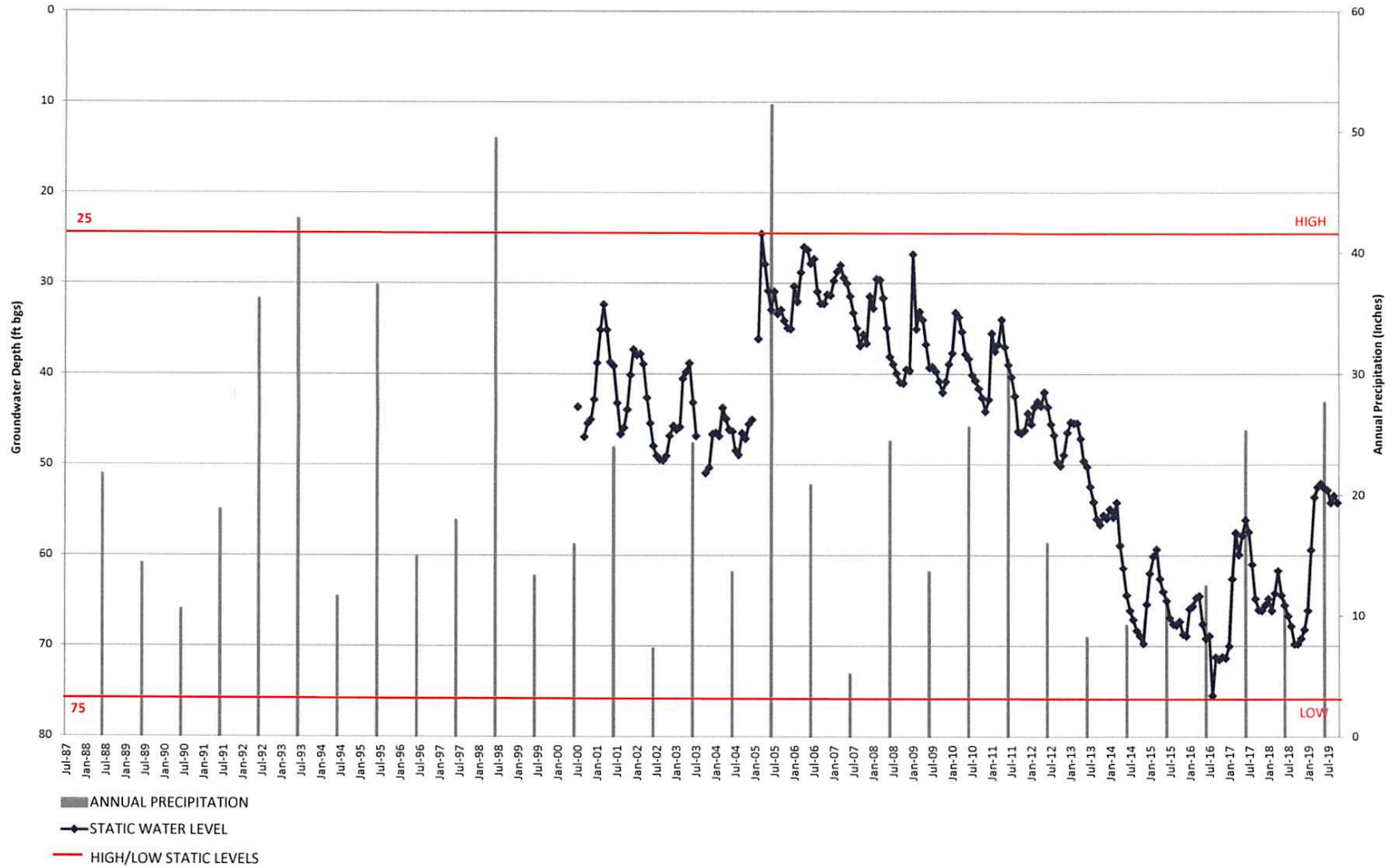
SCV WATER WELL S6
 STATIC WATER LEVEL VS PRECIPITATION



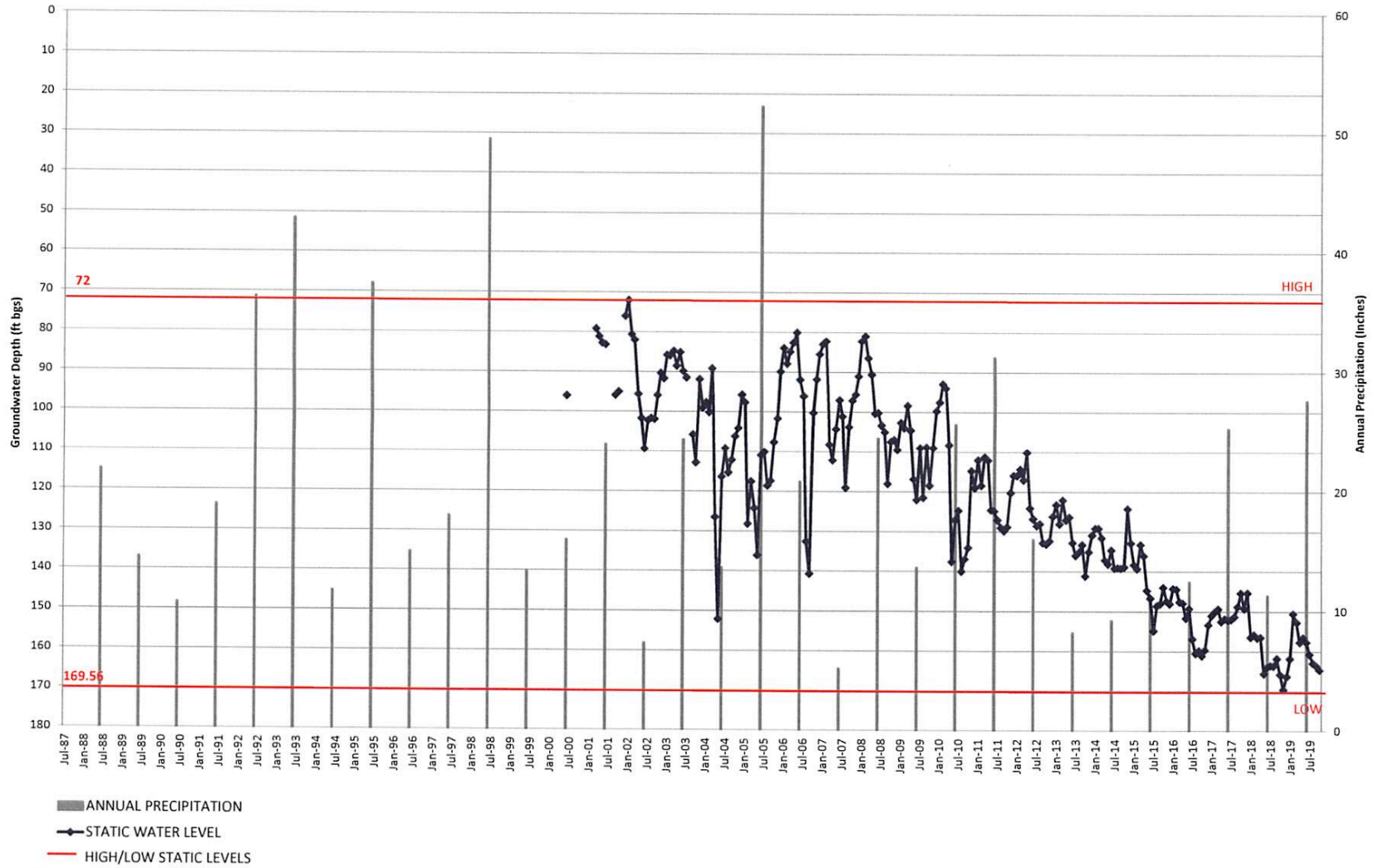
SCV WATER WELL S7
 STATIC WATER LEVEL VS PRECIPITATION



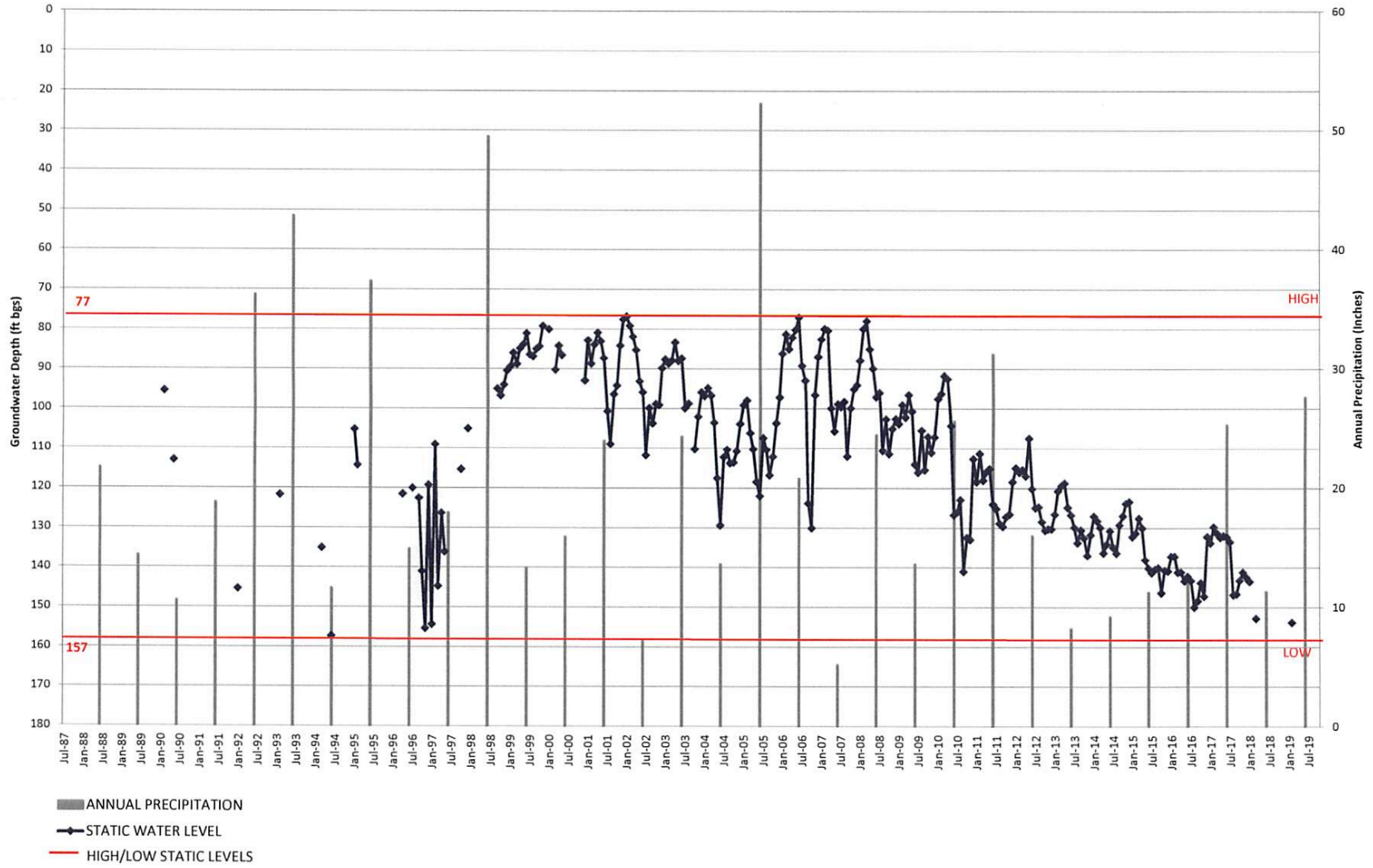
SCV WATER WELL S8
 STATIC WATER LEVEL VS PRECIPITATION



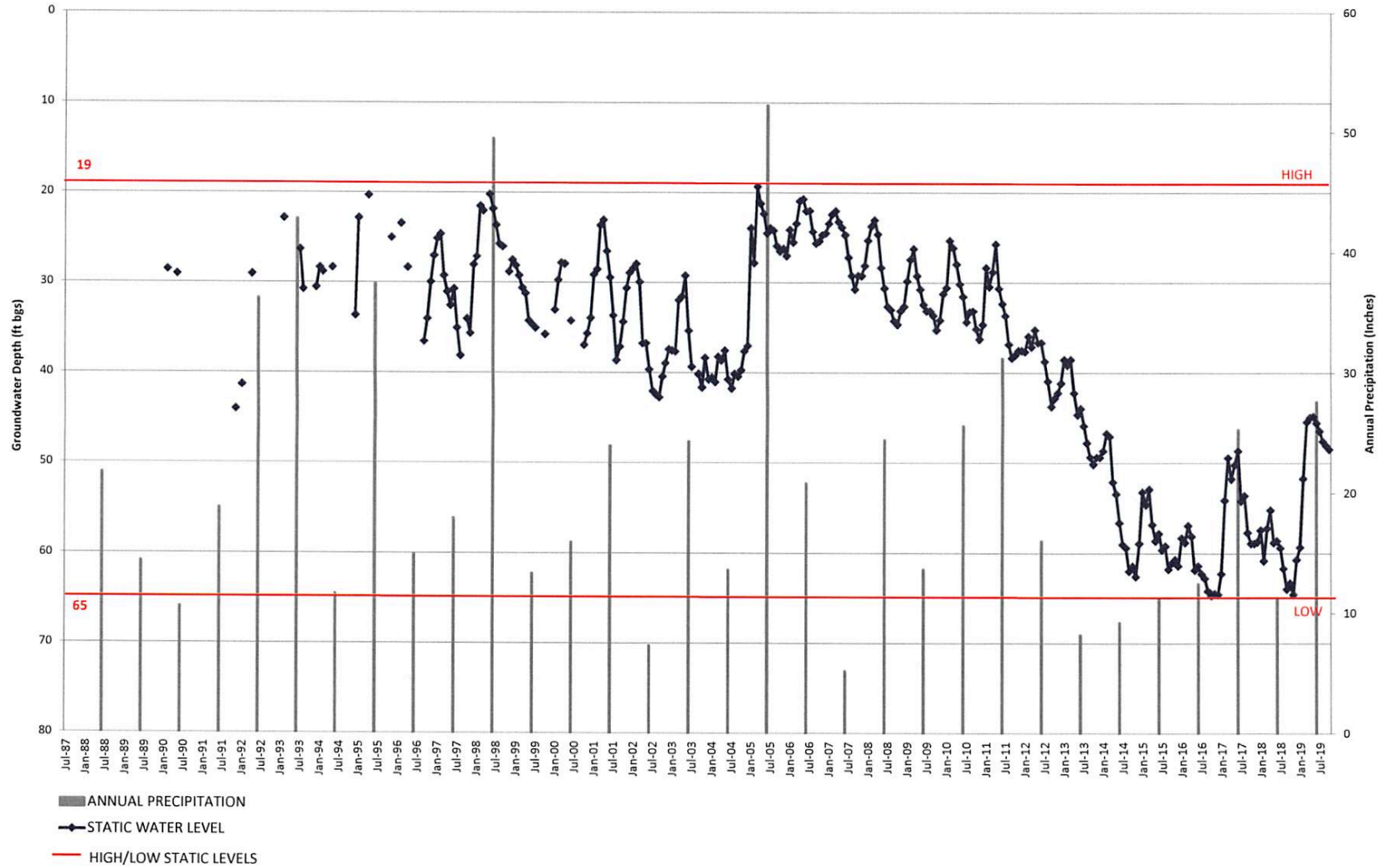
SCV WATER WELL 205
 STATIC WATER LEVEL VS PRECIPITATION



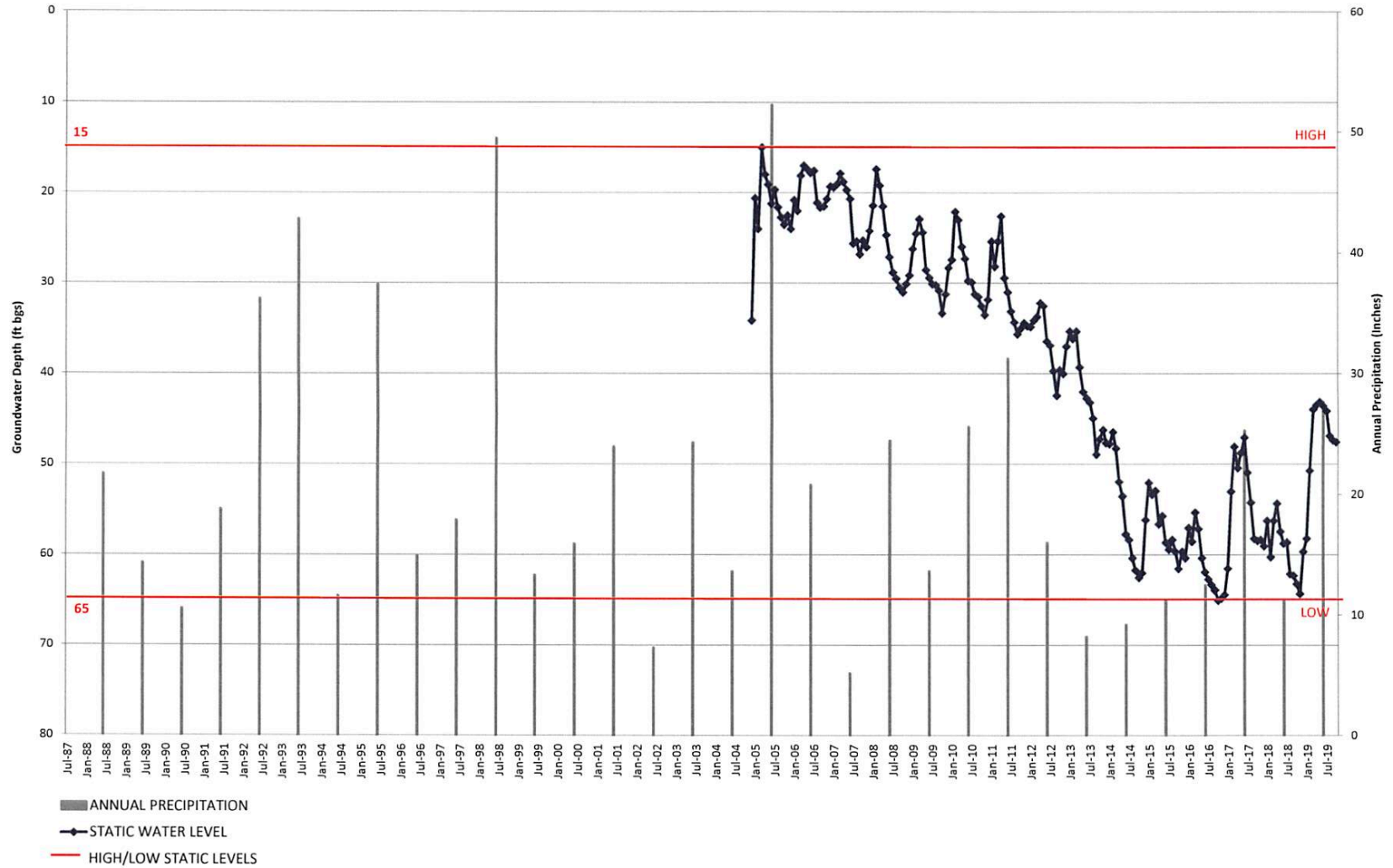
SCV WATER WELL 201
STATIC WATER LEVEL VS PRECIPITATION



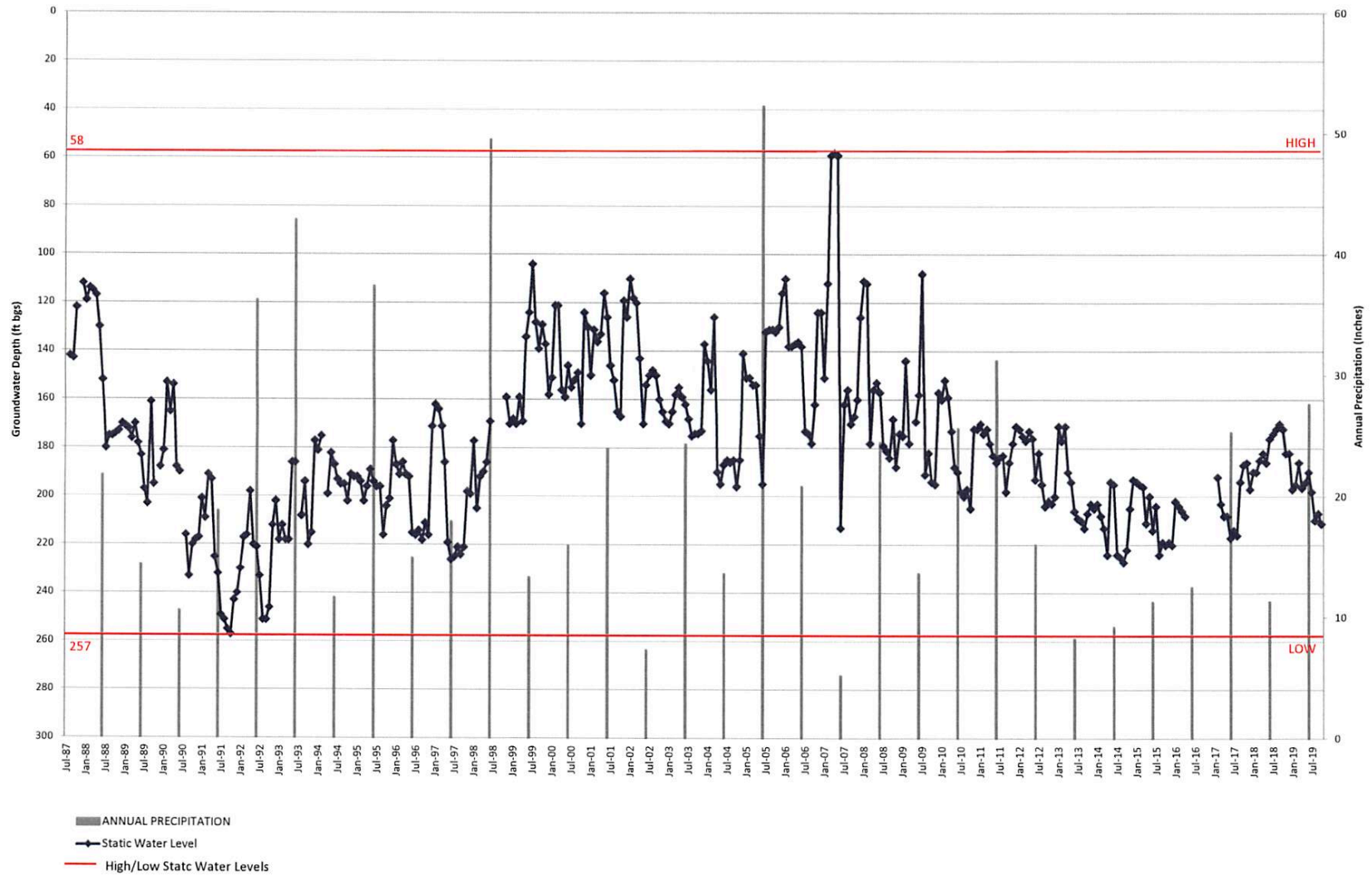
SCV WATER WELL N
STATIC WATER LEVEL VS PRECIPITATION



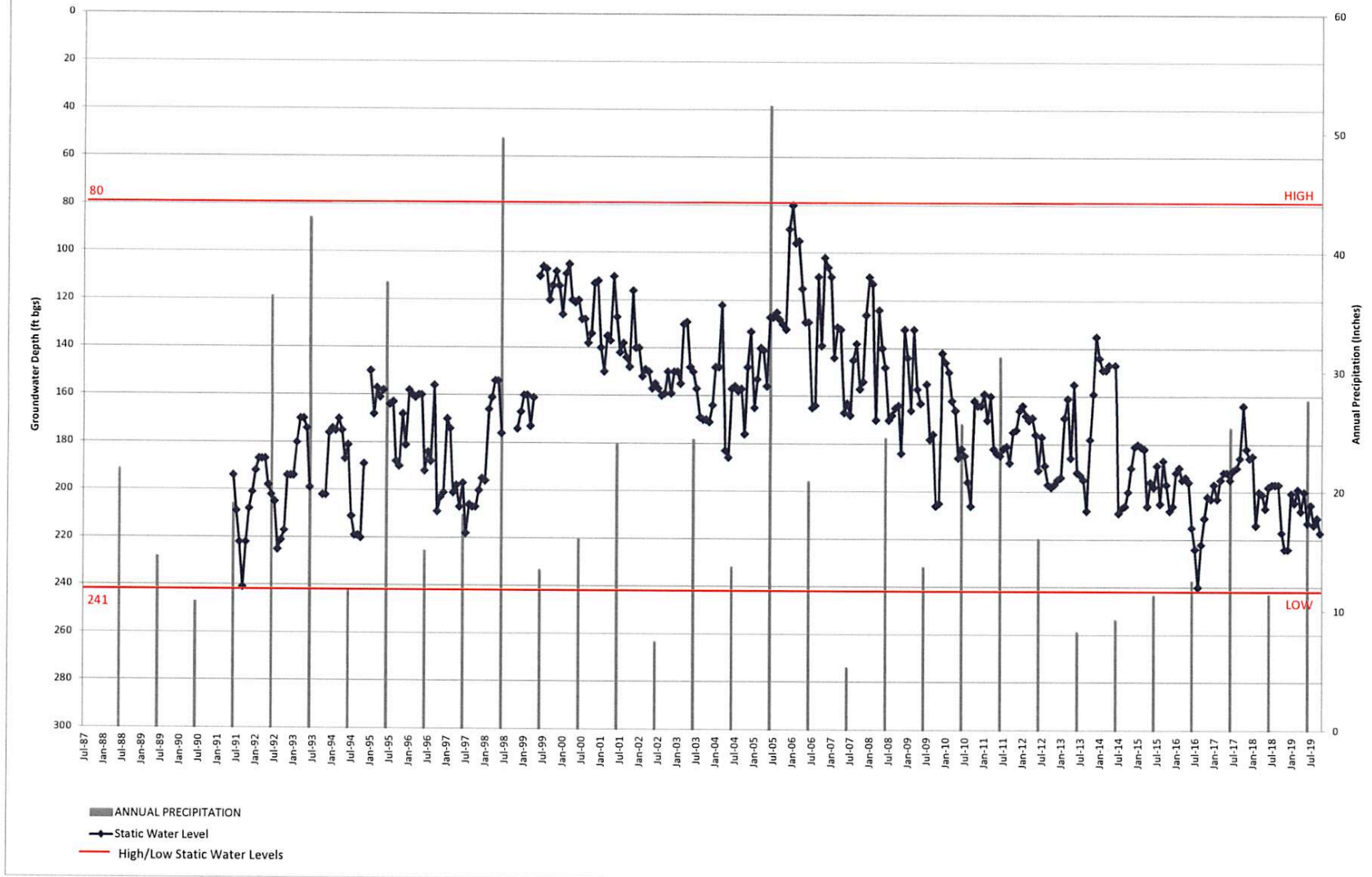
SCV WATER WELL N7
 STATIC WATER LEVEL VS PRECIPITATION



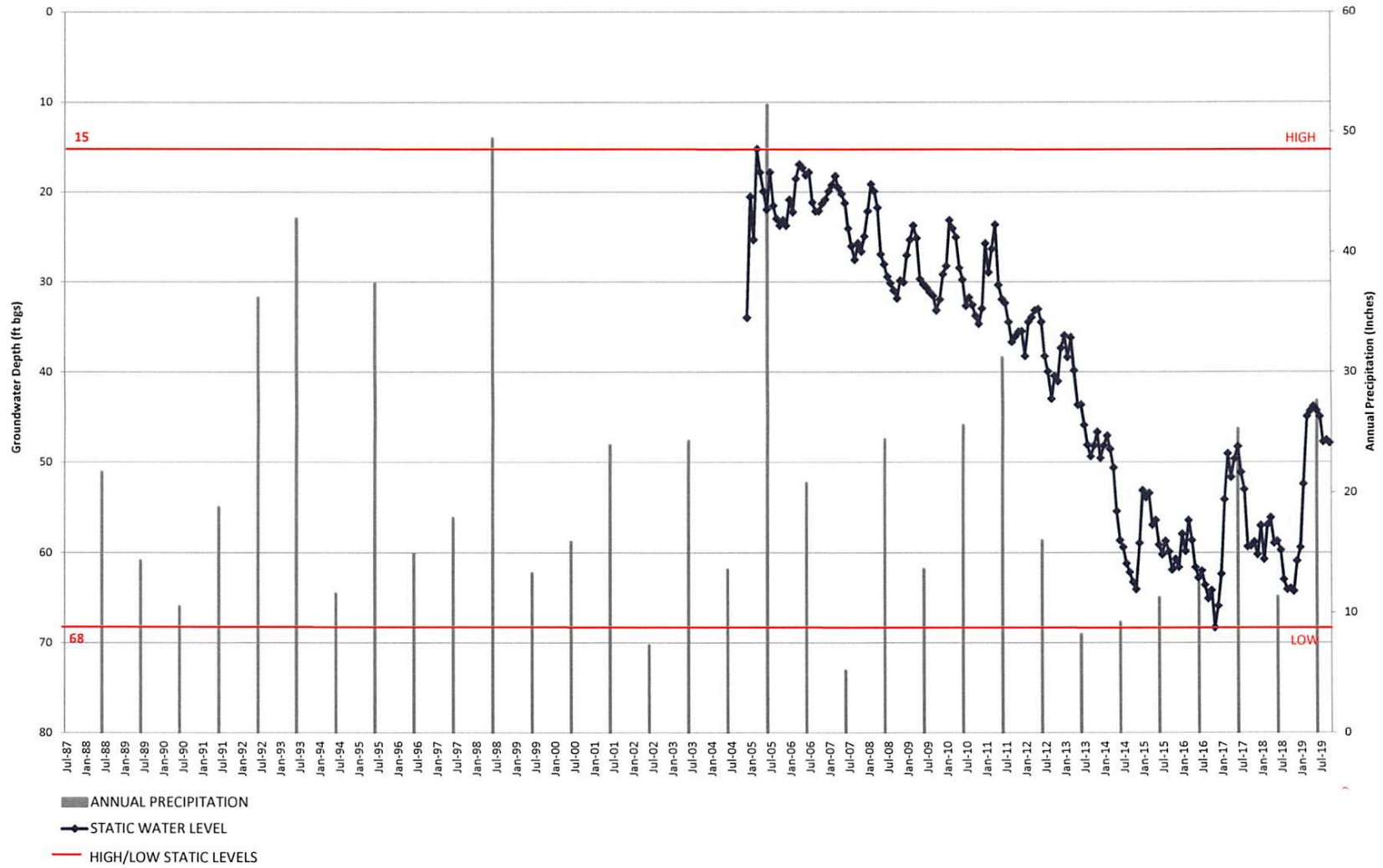
SCV WATER WELL N12
 STATIC WATER LEVEL VS PRECIPITATION



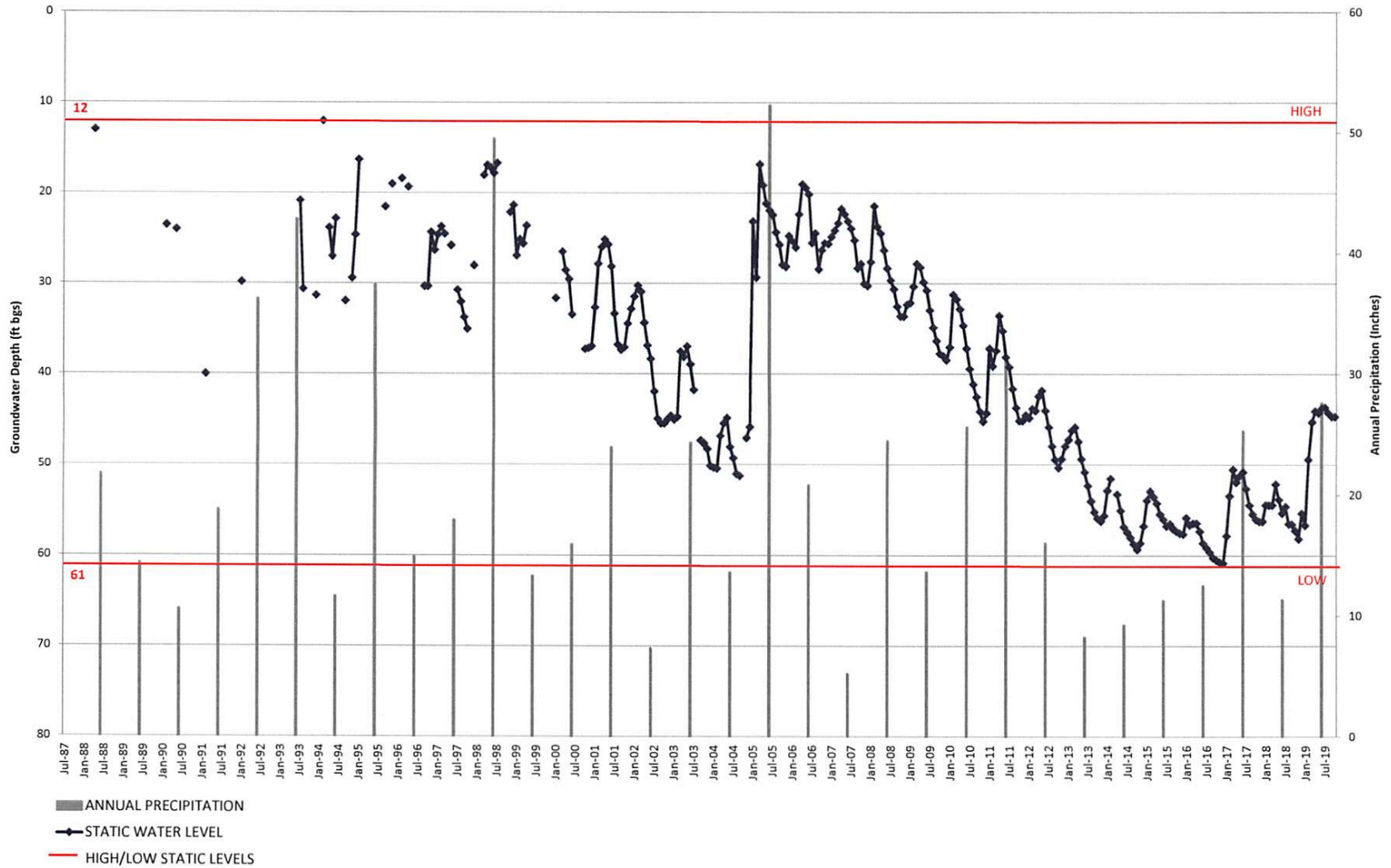
SCV WATER WELL N13
 STATIC WATER LEVEL VS PRECIPITATION



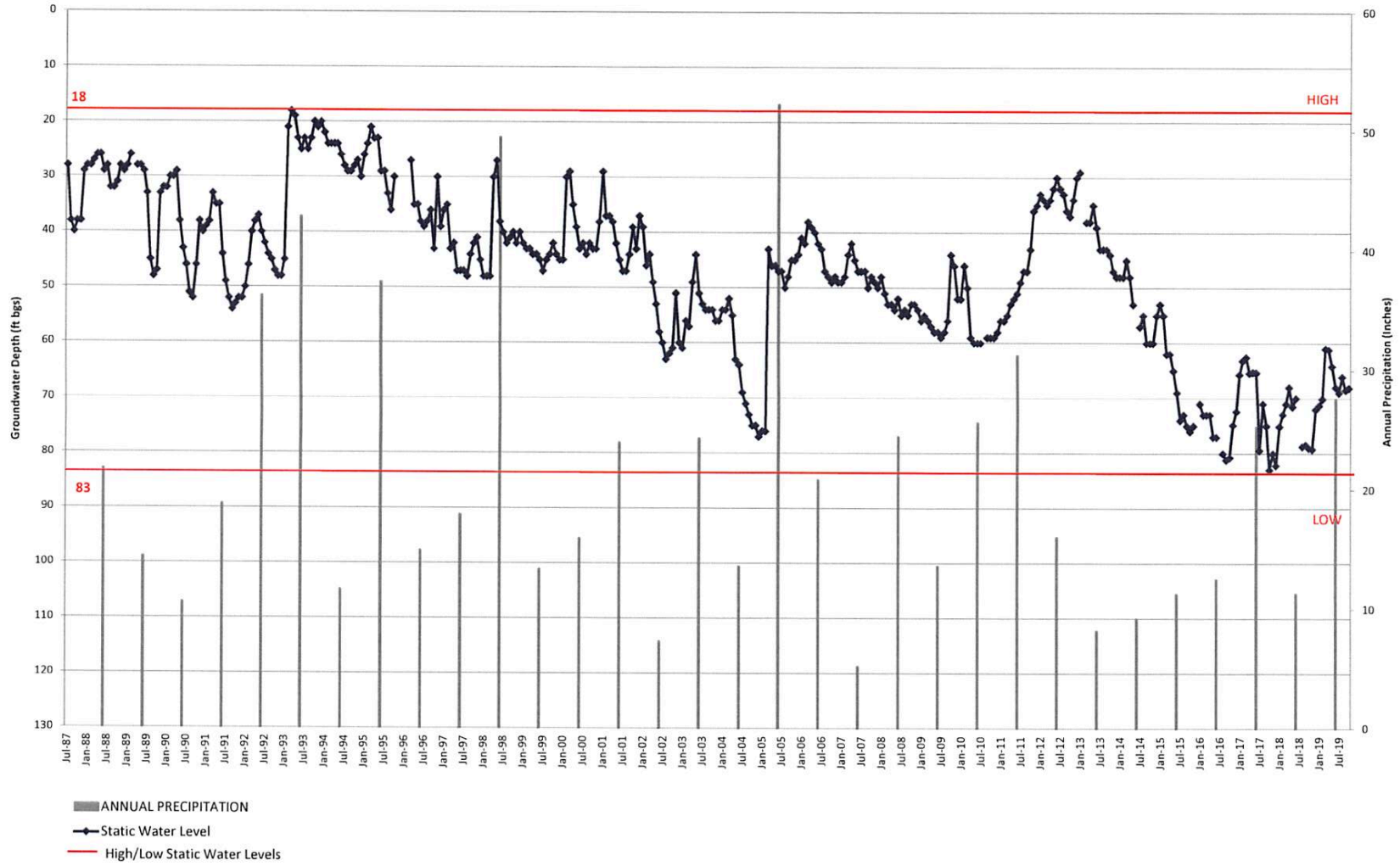
SCV WATER WELL N8
 STATIC WATER LEVEL VS PRECIPITATION



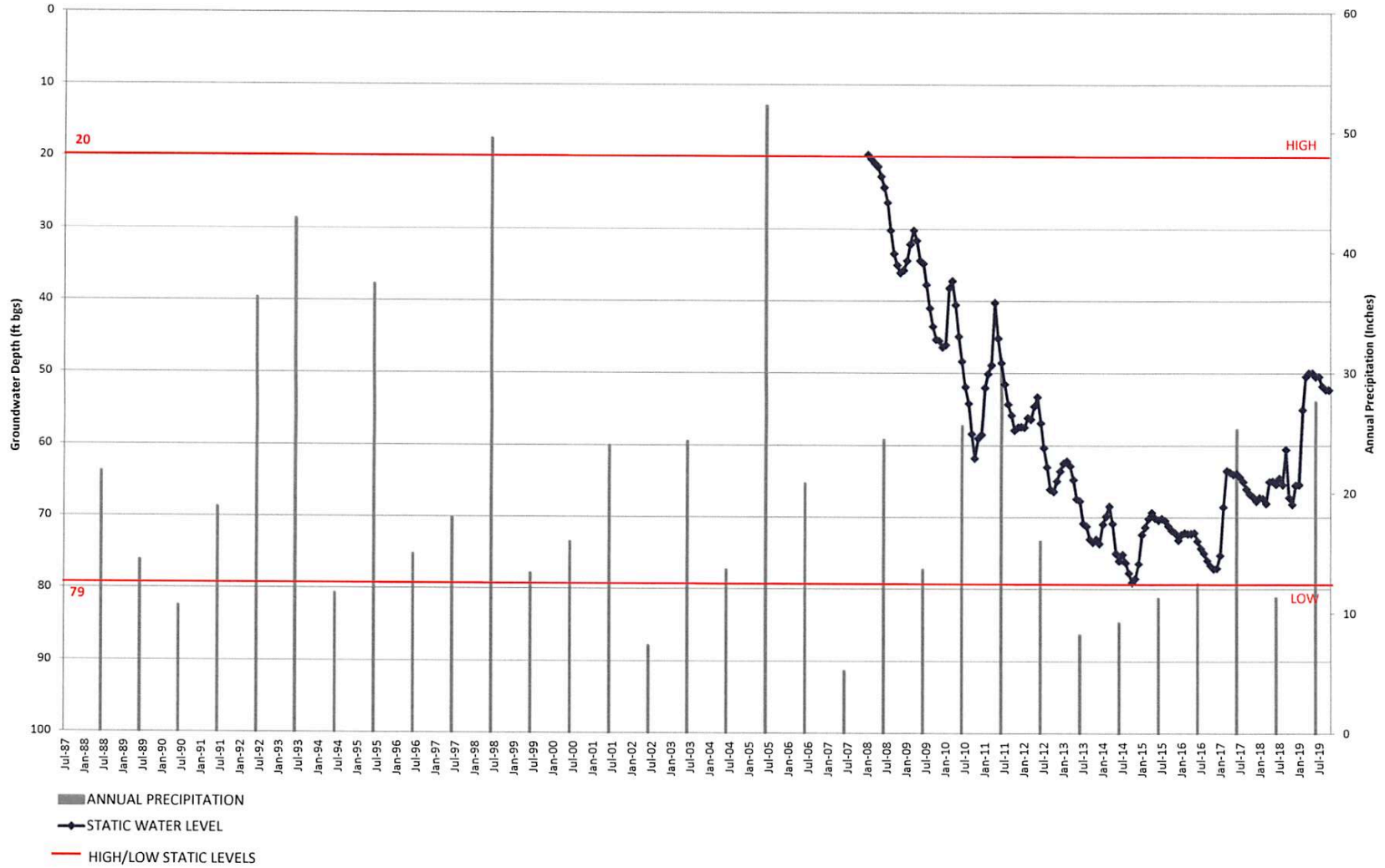
SCV WATER WELL Q2
 STATIC WATER LEVEL VS PRECIPITATION



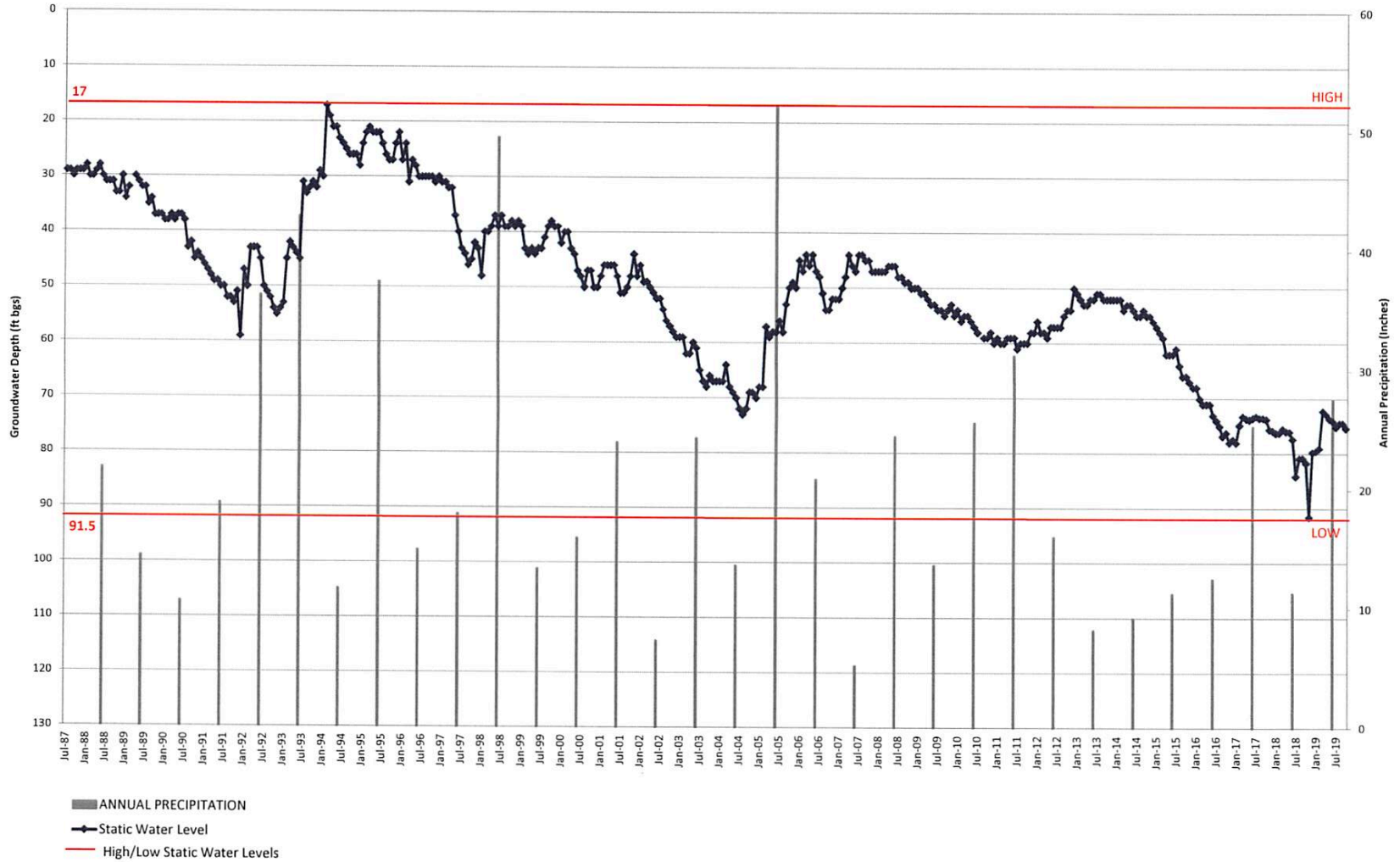
SCV WATER WELL GUIDA #14
STATIC WATER LEVEL VS PRECIPITATION



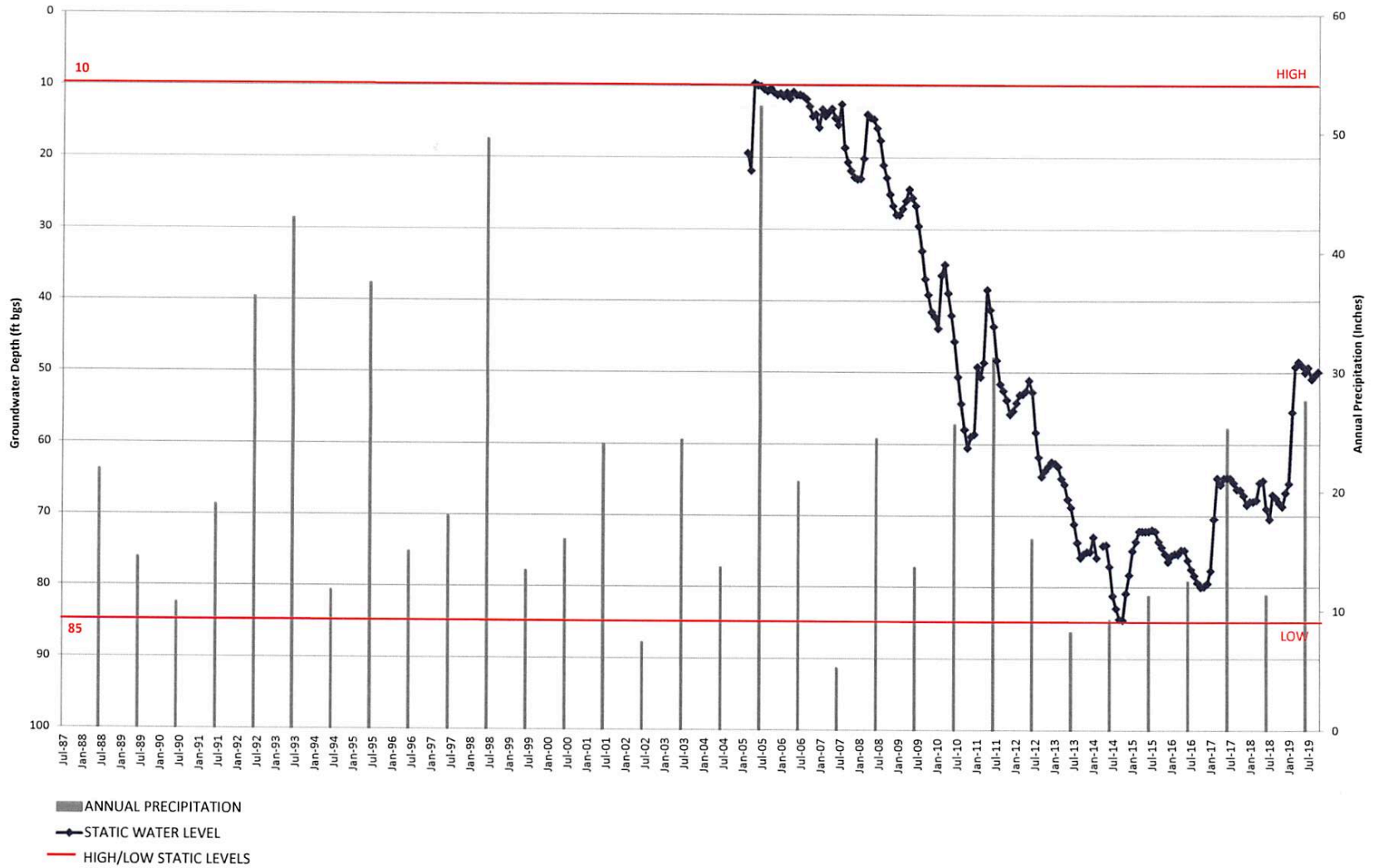
SCV WATER WELL T7
 STATIC WATER LEVEL VS PRECIPITATION



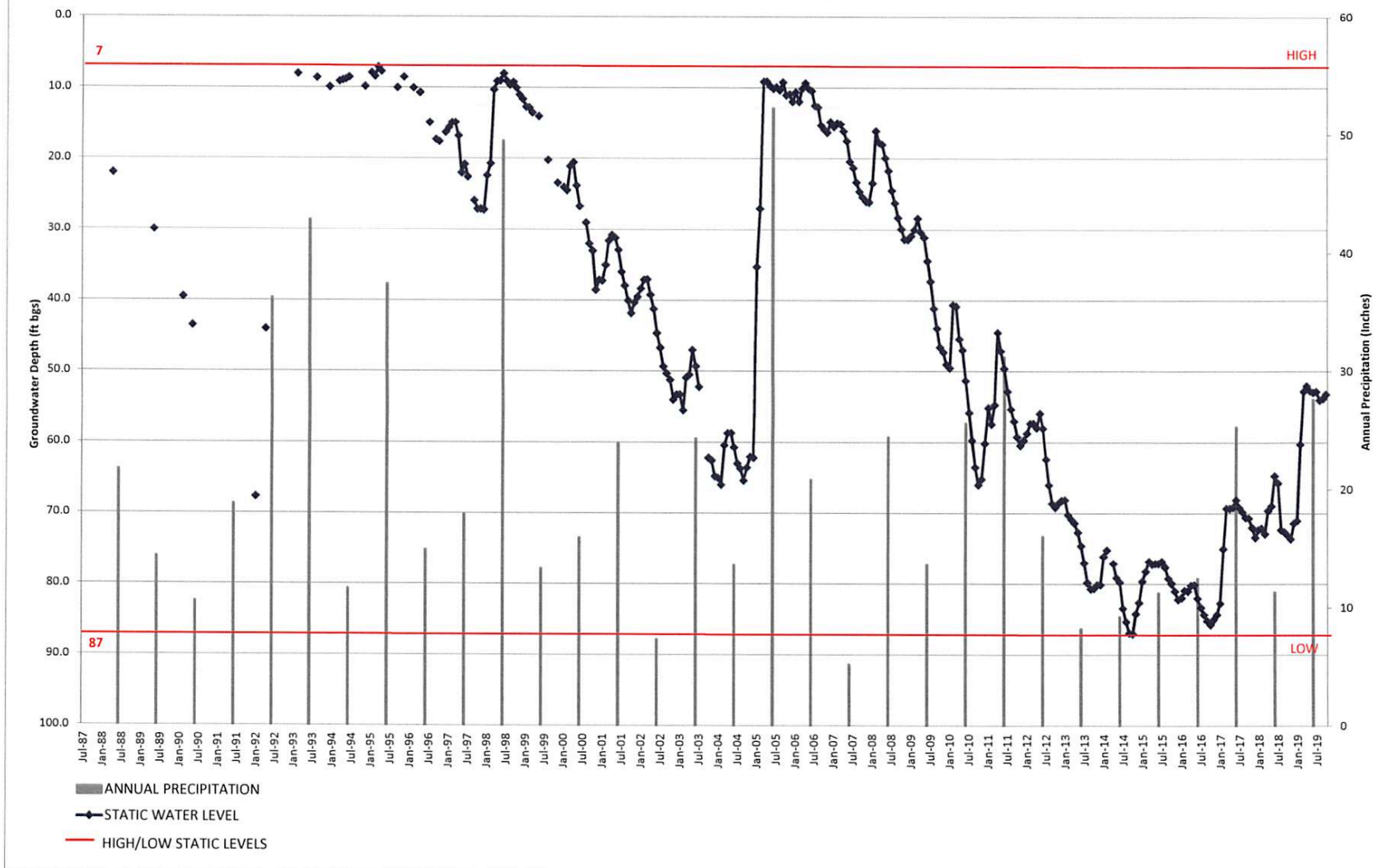
SCV WATER WELL CLARK #15
 STATIC WATER LEVEL VS PRECIPITATION



SCV WATER WELL U6
 STATIC WATER LEVEL VS PRECIPITATION



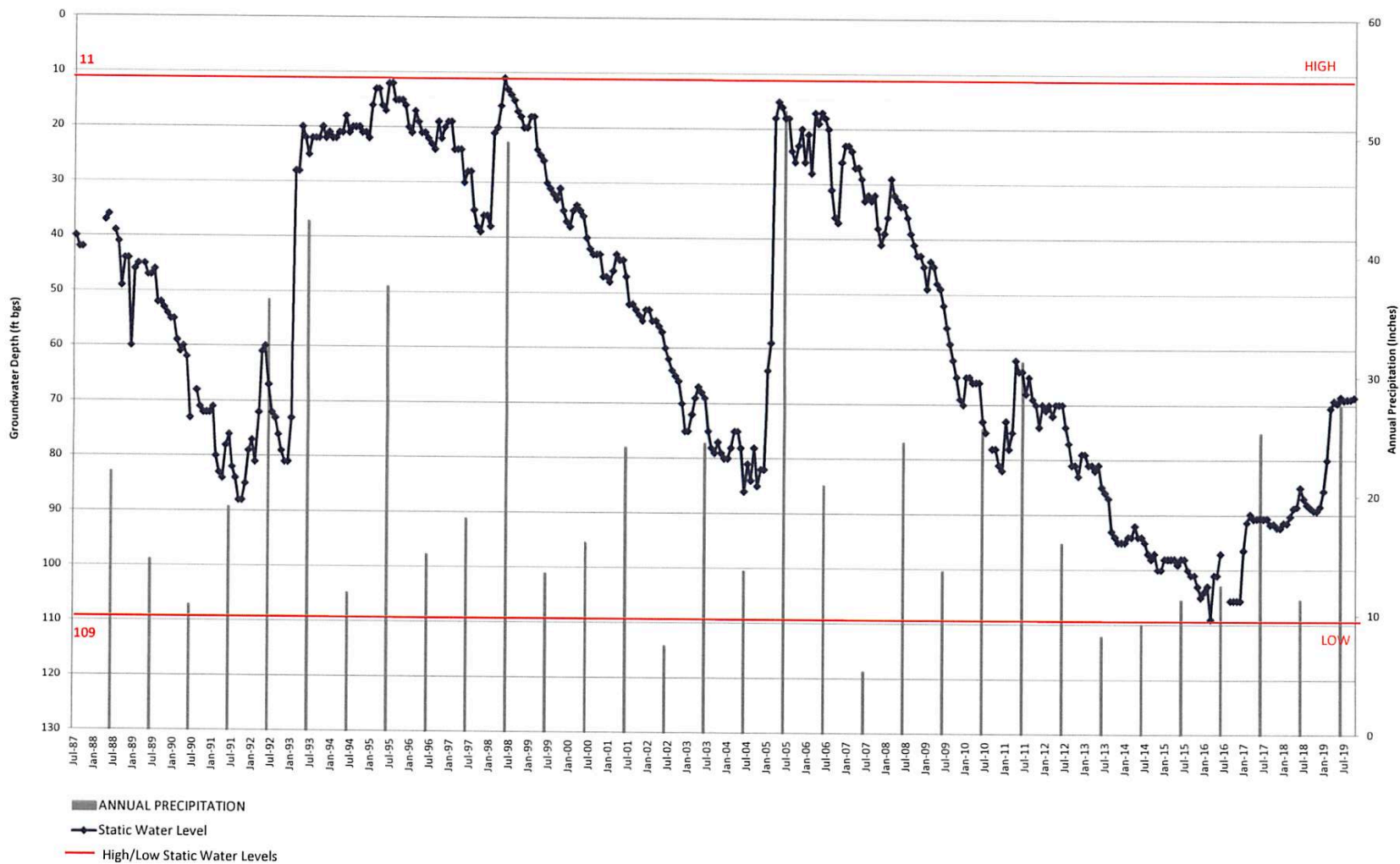
SCV WATER WELL U4
STATIC WATER LEVEL VS PRECIPITATION



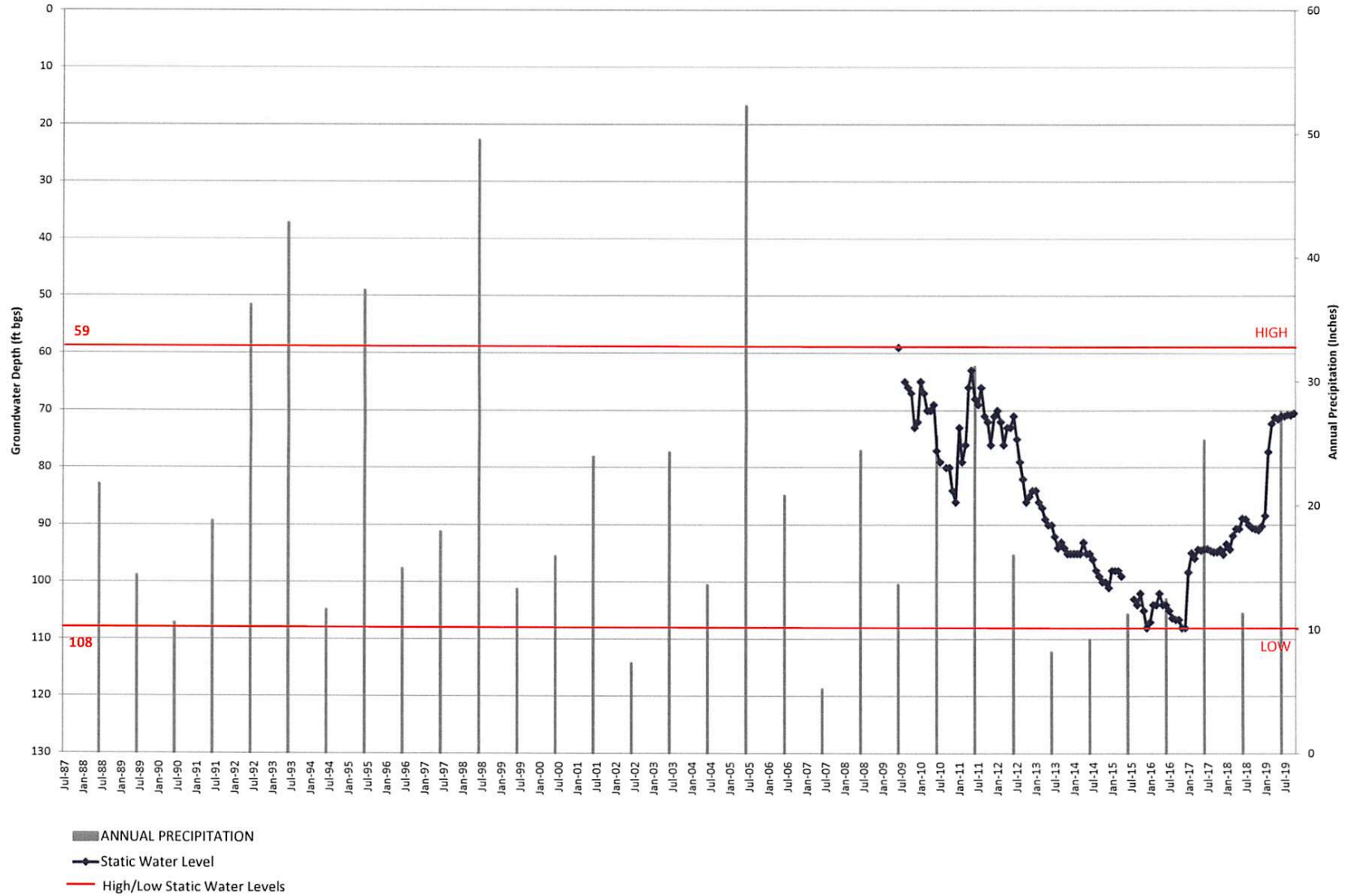
SCV WATER WELL VALLEY CENTER
 STATIC WATER LEVEL VS PRECIPITATION



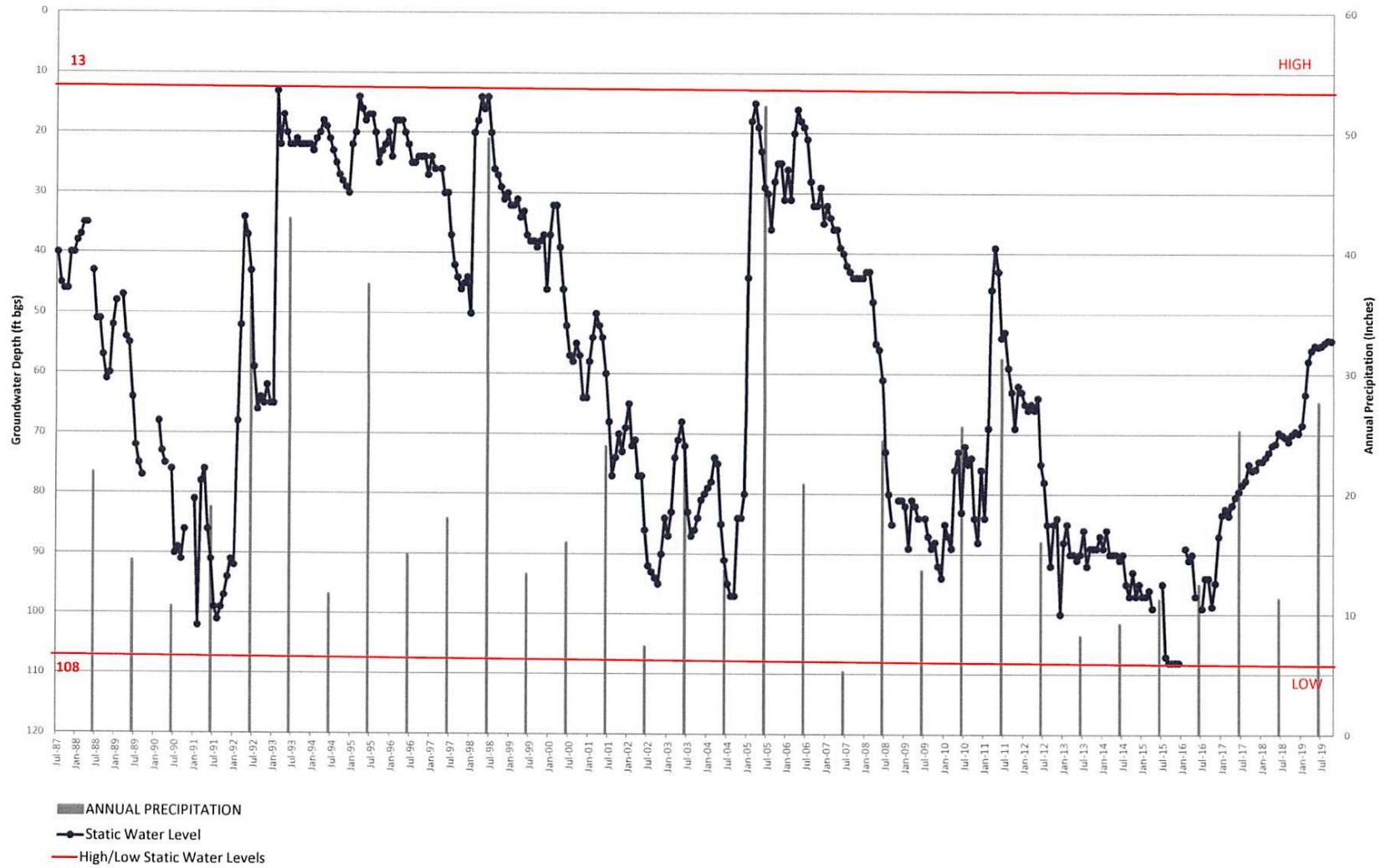
SCV WATER WELL HONBY #12
 STATIC WATER LEVEL VS PRECIPITATION



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



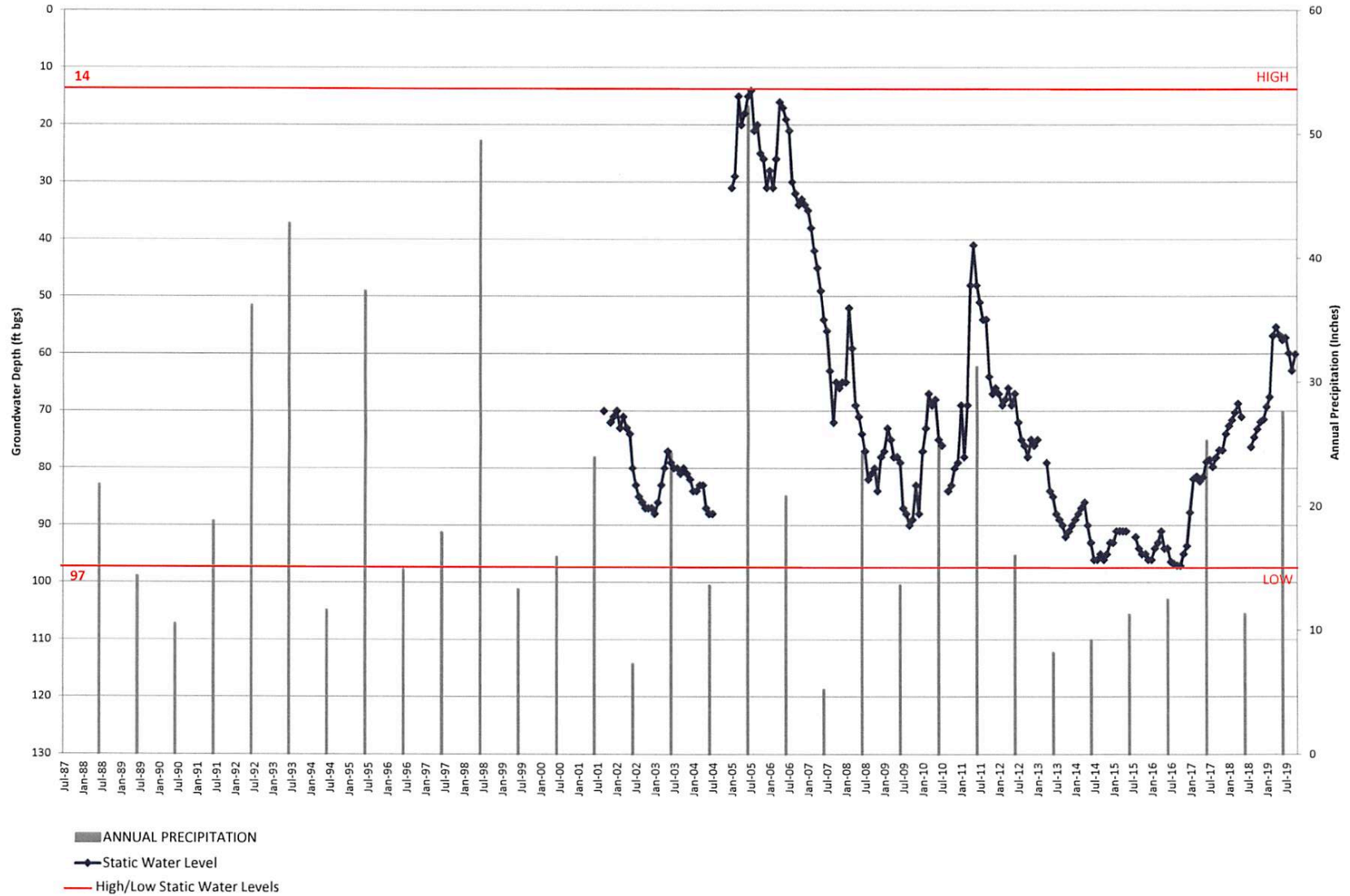
SCV WATER WELL SIERRA #6
 STATIC WATER LEVEL VS PRECIPITATION



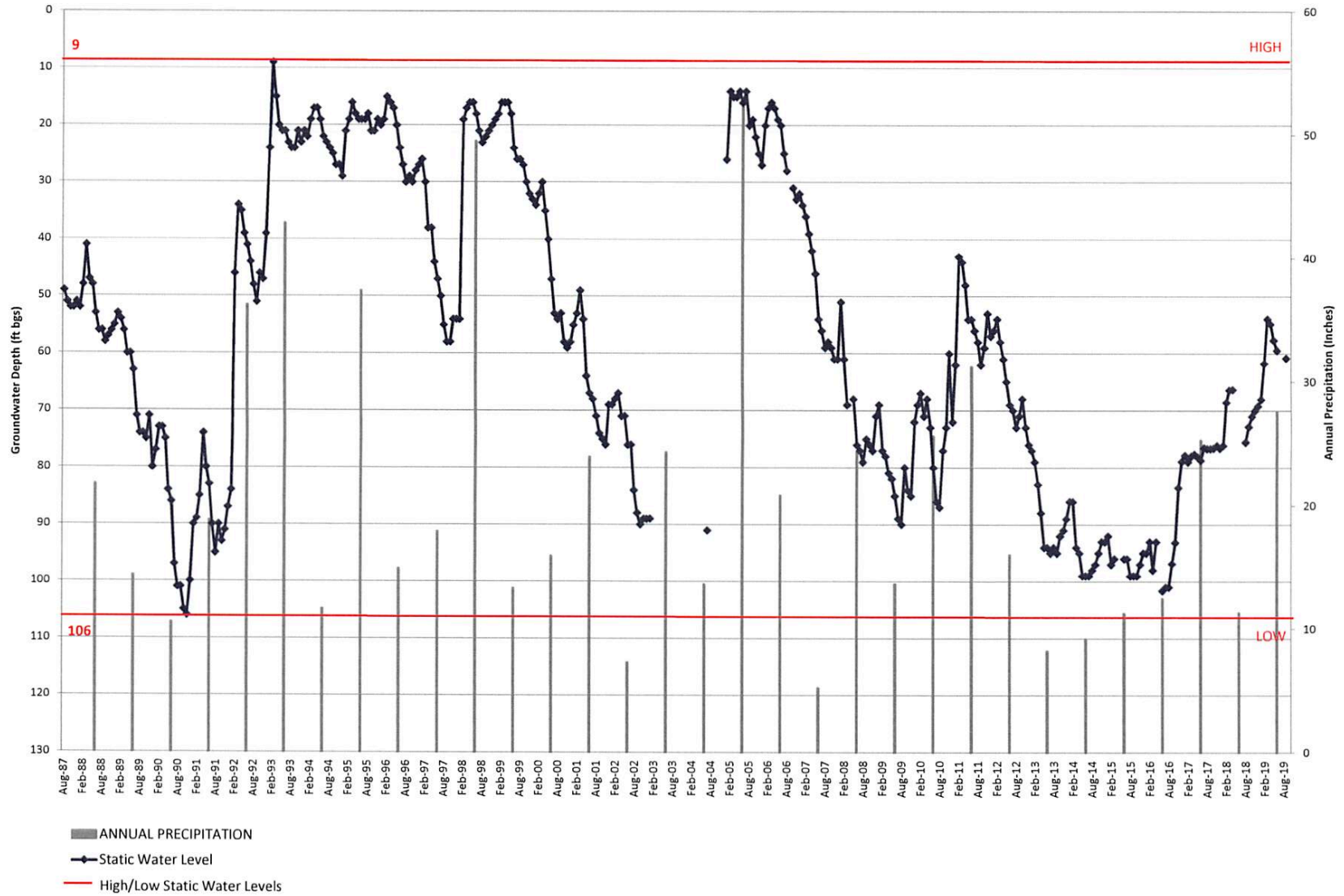
SCV WATER WELL MITCHELL #5A
STATIC WATER LEVEL VS PRECIPITATION



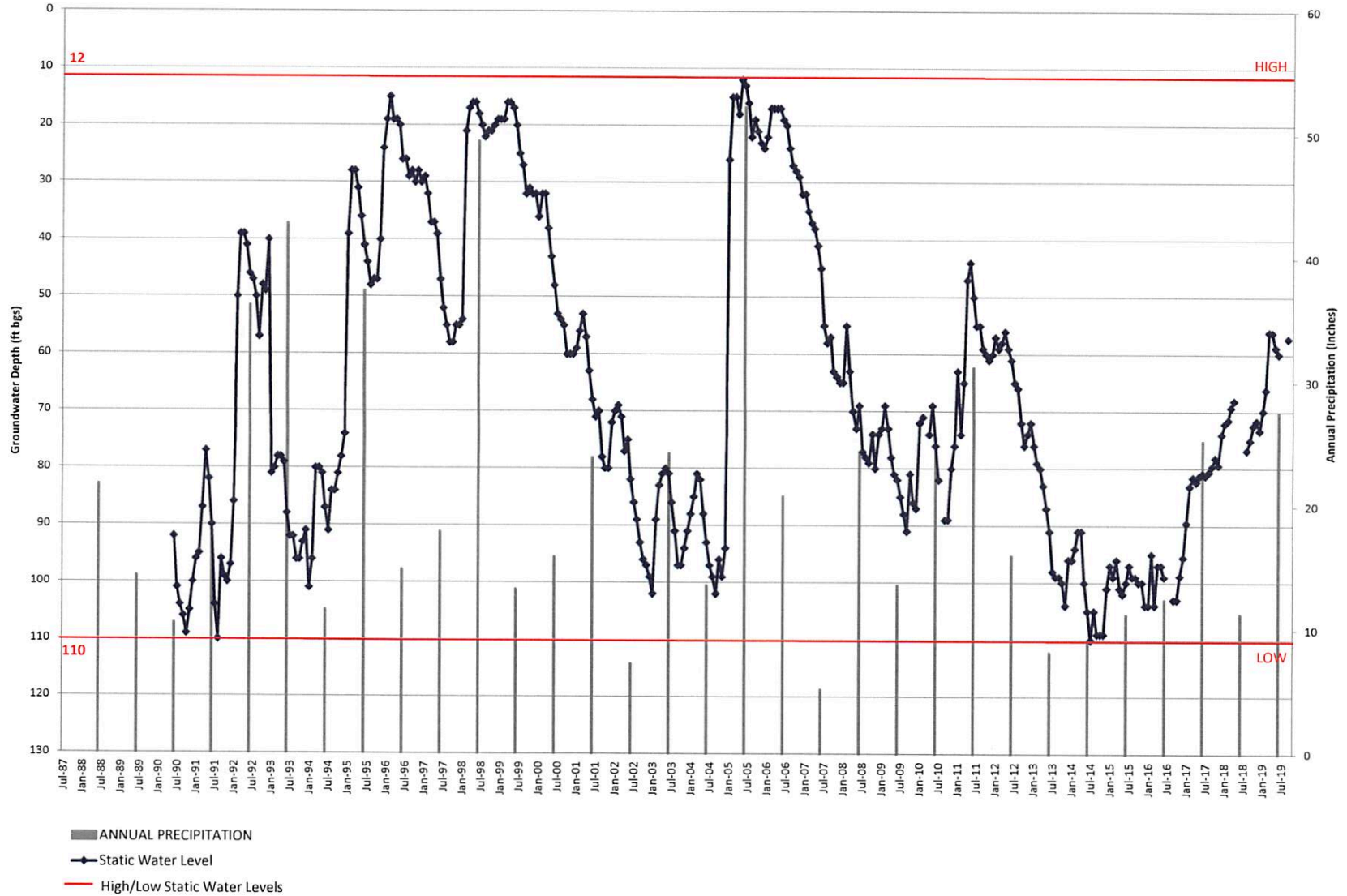
SCV WATER WELL MITCHELL #5B
STATIC WATER LEVEL VS PRECIPITATION



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



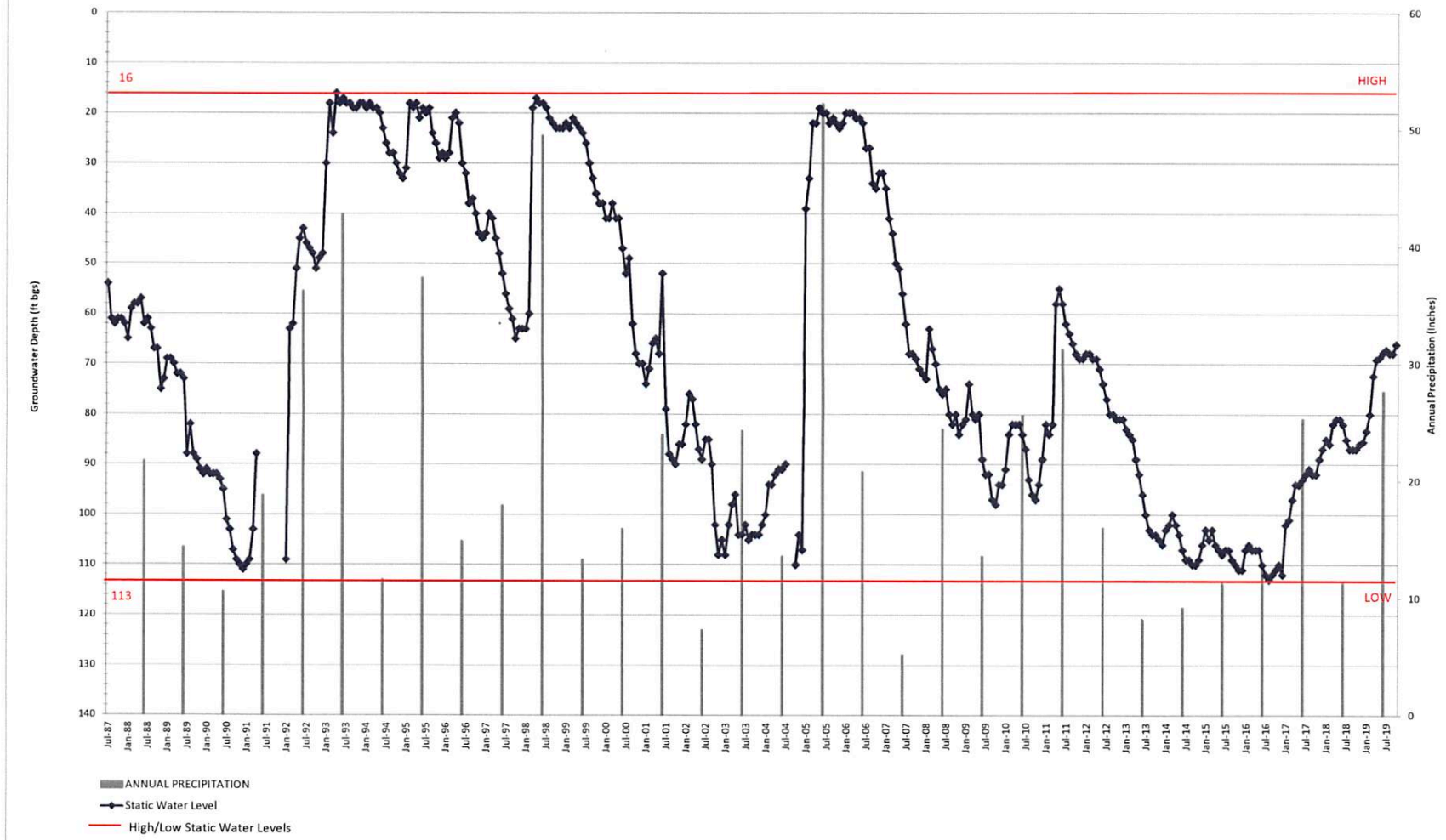
SCV WATER WELL LOST CANYON #2A
 STATIC WATER LEVEL VS PRECIPITATION



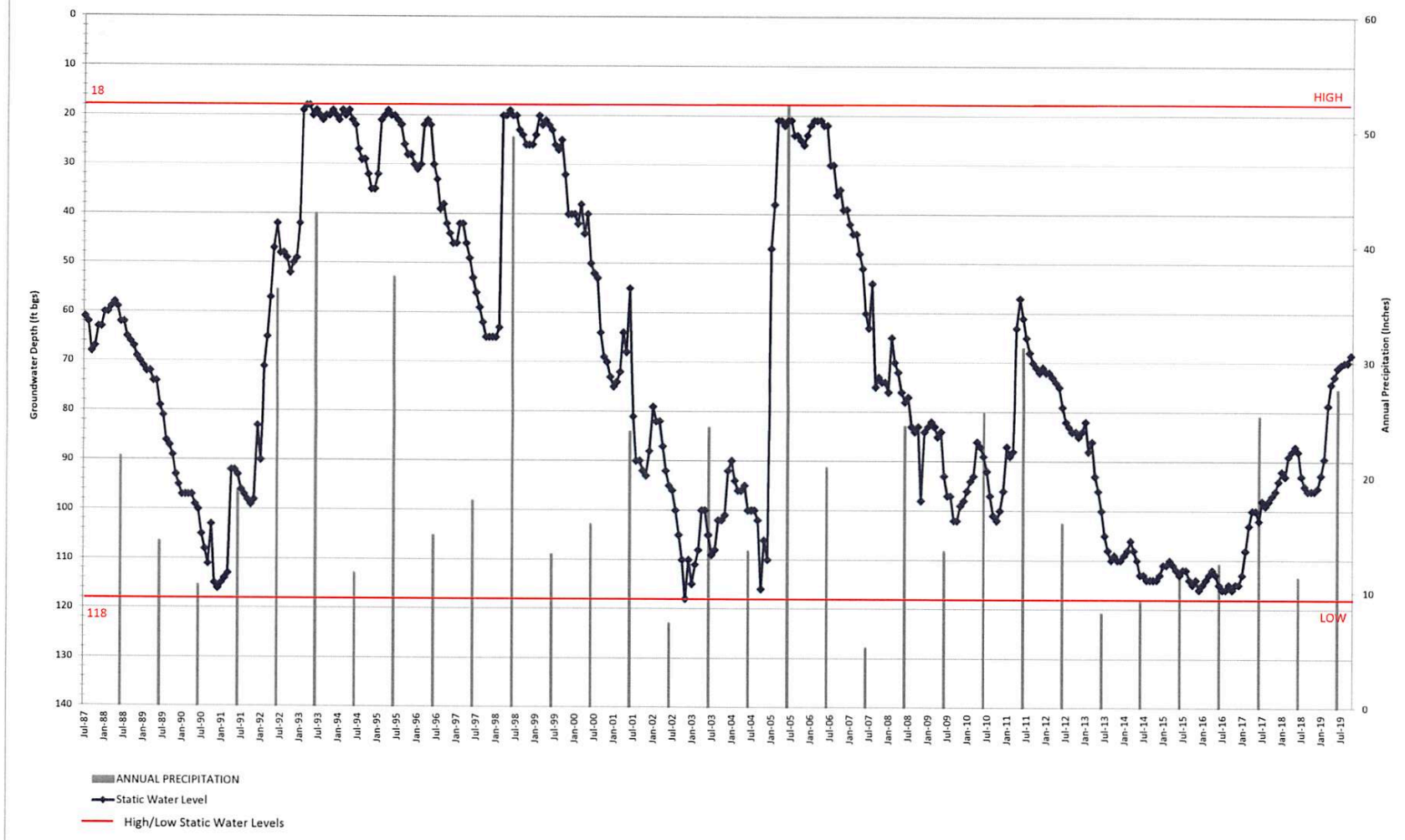
SCV WATER WELL LOST CANYON #2
 STATIC WATER LEVEL VS PRECIPITATION



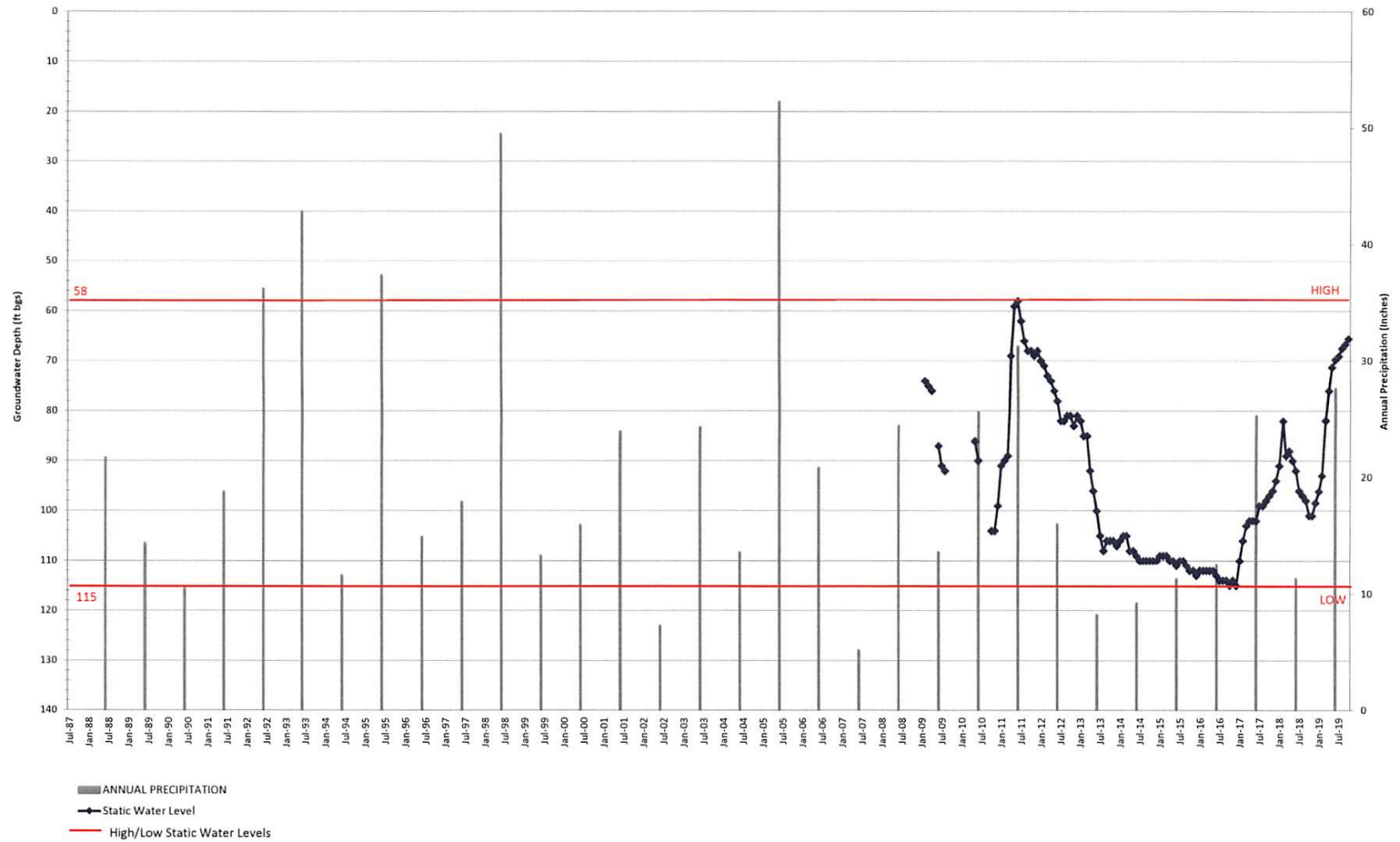
SCV WATER WELL P4
STATIC WATER LEVEL VS PRECIPITATION



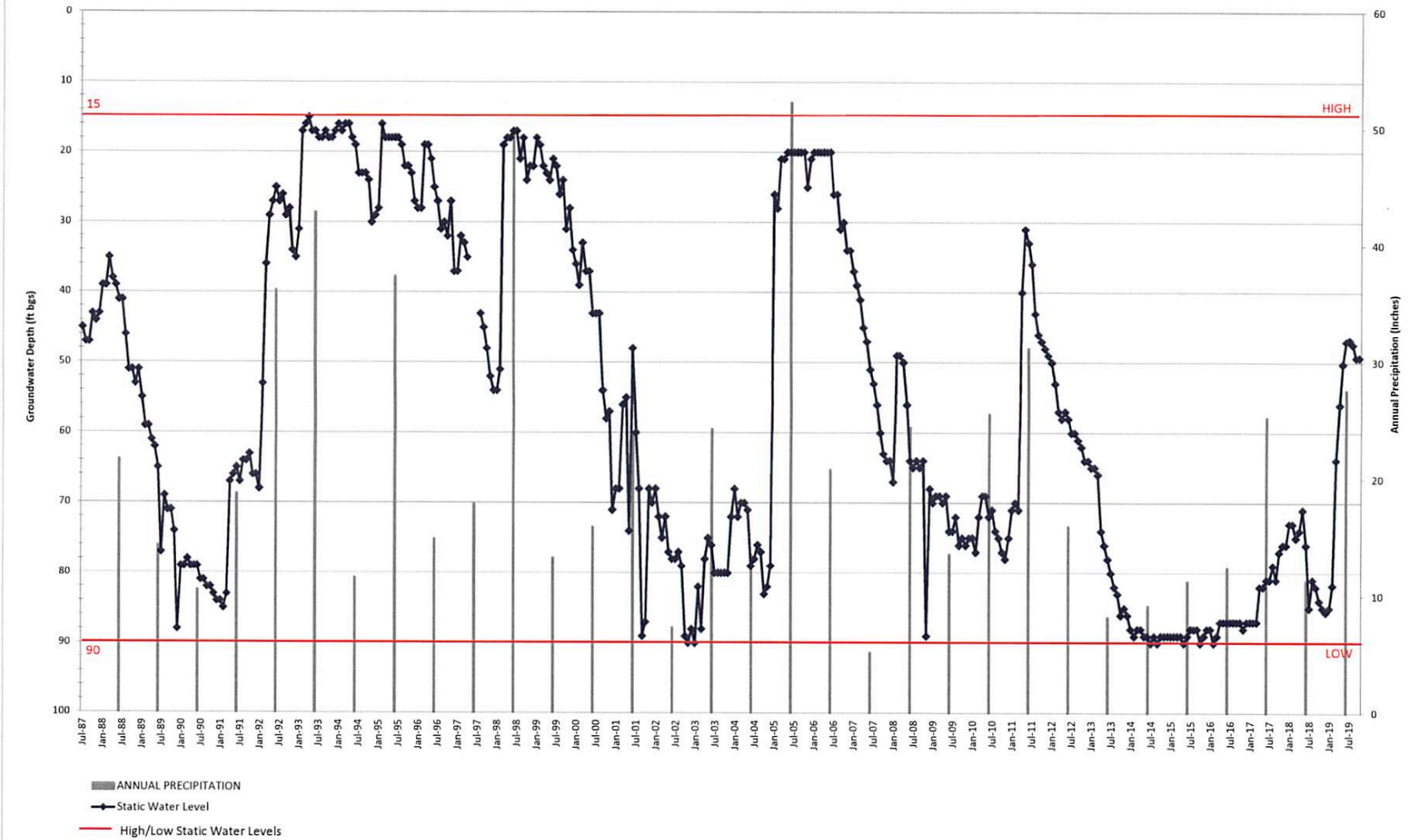
SCV WATER WELL P3
 STATIC WATER LEVEL VS PRECIPITATION



SCV WATER WELL P5
STATIC WATER LEVEL VS PRECIPITATION



SCV WATER WELL P1
 STATIC WATER LEVEL VS PRECIPITATION



[This page intentionally left blank.]

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

Project	Contractor	Original Contract Amount	Change Orders to Date	% Change Orders	Current Contract Amount	Scheduled Completion	Estimated % of Work Completed	Status
Foothill Feeder Turnout	GSE Construction	\$2,691,300	\$260,459	9.7%	\$2,951,759	November 30, 2019	100%	Construction is complete. Testing and start-up took place on November 13, 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	\$294,130.72	9.5%	\$3,378,855.72	January 15, 2020	96%	Construction is in progress.
Magic Mountain Pipeline Phase 5	FivePoint / Toro Enterprises	\$3,269,978.85	\$0	0%	\$3,269,978.85	January 31, 2020	91%	Construction is in progress.
Magic Mountain Pipeline Phase 6A	FivePoint / Toro Enterprises	\$7,168,844.85	\$0	0%	\$7,168,844.85	August 5, 2020	0%	Contractor is preparing submittals for the engineer to review and approve. Mobilization is planned to begin on April 15, 2020.
Honby Tank No. 1 – Recoat Roof Interior/Exterior and Interior Spot Repair	Olympus and Associates	\$338,848	\$28,974	8.6%	\$367,822	November 15, 2019	100%	Construction is complete.

*As of October 31, 2019, expenditures for Kennedy/Jenks Consultants' inspection services work authorization are \$379,627.73 (98%) of the Board authorized amount of \$386,200

[This page intentionally left blank.]

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

**ITEM NO.
5**

	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 9 Comm	Dec 17 Board	Jan 7 Board	Jan 9 Comm	Feb 4 Board	Feb 6 Comm	Mar 3 Board	Mar 5 Comm	Apr 2 Comm	Apr 7 Board	May 19 Board	May 11 Comm	Jun 2 Board	Jun 4 Comm	Jul 7 Board
1	Monthly Committee Planning Calendar	None	C	C			C		C			C	P			P		P		P	P			P		P	
2	CIP Construction Status Report	None	C	C			C		C			C	P			P		P		P	P			P		P	
3	Monthly Operations and Production Report	None	C	C			C		C			C	P			P		P		P	P			P		P	
4	Third Party Funded Agreements Quarterly Report	None		C								C						P						P			
5	Quarterly Safety Program Presentation	Yes 15 min		C								C						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	C																	
16	Presentation on Distribution System Interconnections											C	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										C	P														

C = Completed Item
P = Planned Item

**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 9 Comm	Dec 17 Board	Jan 7 Board	Jan 9 Comm	Feb 4 Board	Feb 6 Comm	Mar 3 Board	Mar 5 Comm	Apr 2 Comm	Apr 7 Board	May 19 Board	May 11 Comm	Jun 2 Board	Jun 4 Comm	Jul 7 Board	
18	Approve Site Construction Budget Authorization for the N Wells PFAS Treatment and Well Q2 Perchlorate Removal Facility	TBD											P	P														
19	Recommend Approval of Construction Contract Funding and a Work Authorization for Replacement Wells Commerce Center Drive Pipeline	TBD														P	P											
20	Recommend Approval of Resolution Awarding Construction Contract to TBD for West Ranch Recycled Water Main Extension (Phase 2D) Project	TBD														P	P											
21	Recommend Approval of Resolution Awarding Construction Contract for Recycled Water Vista Canyon (Phase 2B) Pipelines	TBD														P	P											
22	Recommend Approval of a Work Authorization for Final Design of the Replacement Wells On-Site Pipeline/Infrastructure	TBD														P	P											
23	Recommend Approval of Resolution Awarding Contract to TBD for Newhall Tank 2 Interior Recoat and Repairs	None														P	P											
24	Recommend Approval of Resolution Awarding Contract to TBD for SC12 Facility Construction	None															P	P										
25	Recommend Approval of Construction Contract Funding and a Work Authorization for Replacement Wells Construction	TBD																P	P									
26	Recommend Approval of a Work Authorization for Final Design of the Magic Mountain Reservoir	TBD																P	P									
27	Recommend Approval of Resolution Awarding Construction Contract for ESFP Wastewater Return and Sludge Systems Project	TBD																P	P									
28	Review FY 2020/21 Major Capital Projects	TBD																		P								
29	Recommend Approval of a Work Authorization for Final Design of the Groundwater Treatment Improvements	TBD																		P	P							

C = Completed Item
P = Planned Item

**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 9 Comm	Dec 17 Board	Jan 7 Board	Jan 9 Comm	Feb 4 Board	Feb 6 Comm	Mar 3 Board	Mar 5 Comm	Apr 2 Comm	Apr 7 Board	May 19 Board	May 11 Comm	Jun 2 Board	Jun 4 Comm	Jul 7 Board
30	Recommend Approval of Construction Contract Funding and a Work Authorization for Inspection Services for Magic Mountain Pipeline No. 6B	TBD																		P		P					
31	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				
32	Recommend Approval of On-Call Engineering Services and/or Construction Management and Inspection Services	TBD																			P		P				
33	Recommend Approval of Resolution Awarding Construction Contract to TBD for Recycled Water Vista Canyon (Phase 2B) Tank	TBD																						P	P		
34	Recommend Approval of Resolution Awarding Construction Contract for Pipeline to the Los Angeles Residential Community	TBD																								P	P
35	Recommend Approval of Construction of a New Deane Zone Pump Station and Cost Sharing Agreement with Developer	TBD																								P	P
36	Recommend Approval of Construction of Two New 2.5 MG Deane Tank and Cost Sharing Agreement with Developer	TBD																								P	P
37	Recommend Approval of Work Authorization for Groundwater Modeling Services for Perchlorate Containment Evaluation	TBD																								P	P

[This page intentionally left blank.]