



**Date:** October 28, 2020

**To:** **Engineering and Operations Committee**  
William Cooper, Chair  
Ed Colley  
Robert DiPrimio  
Jeff Ford  
Gary Martin  
Lynne Plambeck

**From:** Courtney Mael, Chief Engineer *CM*  
Keith Abercrombie, Chief Operating Officer *KA*

The **Engineering and Operations Committee** is scheduled to meet via teleconference on **Thursday, November 5, 2020 at 5:30 PM**, dial in information is listed below.

**TELECONFERENCE ONLY  
NO PHYSICAL LOCATION FOR MEETING**

**TELECONFERENCING NOTICE**

Pursuant to the provisions of Executive Order N-29-20 issued by Governor Gavin Newsom on March 17, 2020, any Director may call into an Agency Committee meeting using the Agency's **Call-In Number 1-877-309-2073, Access Code 269-215-005,** **or GoToMeeting by clicking on the link <https://global.gotomeeting.com/join/269215005>** without otherwise complying with the Brown Act's teleconferencing requirements.

Pursuant to the above Executive Order, the public may not attend the meeting in person. Any member of the public may listen to the meeting or make comments to the Committee using the call-in number or GoToMeeting link above. Please see the notice below if you have a disability and require an accommodation in order to participate in the meeting.

We request that the public submit any comments in writing if practicable, which can be sent to **[egallo@scvwa.org](mailto:egallo@scvwa.org)** or mailed to **Elizabeth Gallo, Administrative Analyst**, Santa Clarita Valley Water Agency, 26521 Summit Circle, Santa Clarita, CA 91350. All written comments received before 4:00 PM the day of the meeting will be distributed to the Committee members and posted on the Santa Clarita Valley Water Agency website prior to the meeting. Anything received after 4:00 PM the day of the meeting will be posted on the SCV Water website the following day.

## MEETING AGENDA

<u>ITEM</u>		<u>PAGE</u>
1.	Public Comments – Members of the public may comment as to items not on the Agenda at this time. Members of the public wishing to comment on items covered in this Agenda may do so now or at the time each item is considered. (Comments may, at the discretion of the Committee Chair, be limited to three minutes for each speaker.)	
2. *	Quarterly Safety Presentation	1
3. *	Recommend Approval of a Resolution Awarding a Contract for Newhall Tank No. 2 Interior Recoat and Repair	11
4. *	Recommend Approval of a Resolution Awarding a Construction Contract to GSE Construction Company, Inc., for the Rio Vista Water Treatment Plant Chlorine Scrubber Replacement Project	23
5. *	Monthly Operations and Production Report	35
6. *	Capital Improvement Projects Construction Status Report	137
7. *	Third Party Funded Agreements Quarterly Report	139
8. *	Committee Planning Calendar	145
9.	General Report on Treatment, Distribution, Operations and Maintenance Services Section Activities	
10.	General Report on Engineering Services Section Activities	
11.	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 Elizabeth Gallo, Administrative Analyst, at (661) 259-2737, or in 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.

October 28, 2020

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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, CA 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, 2020.

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November 5, 2020

# Santa Clarita Valley Water Agency

**FY 2020/21 - Q1**  
**July 1, 2020 to September 30, 2020**

**Engineering and Operations Committee Meeting**

**Mark Passamani**  
Safety Officer  
**Jon Wallace**  
Safety Specialist

**Jose Diaz**  
EPSC

# Training Requirements and Accomplishments

FY 2020/21 - Q1  
July 1, 2020 to September 30, 2020

						
<b>NFPA 704 diamond upgrades</b>	<b>Rigging and Hand Signals July</b>	<b>AC Pipe Training July</b>	<b>FEMA grants</b>	<b>New Hire Safety Orientation Multiple dates</b>	<b>Online Safety Training Multiple dates</b>	<b>AWIA ERP Submittal</b>

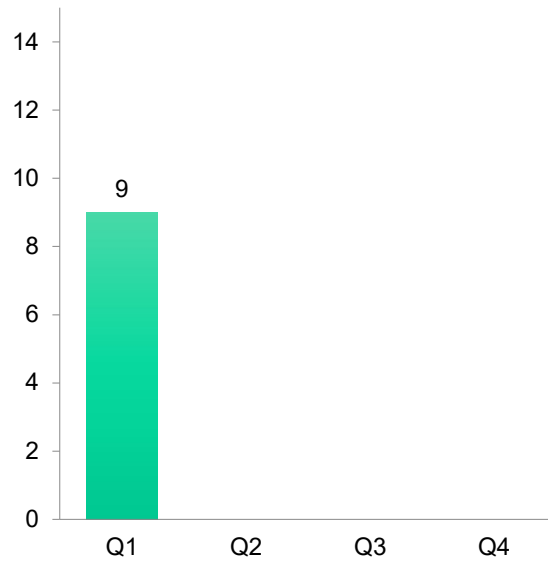


# Safety Training Status

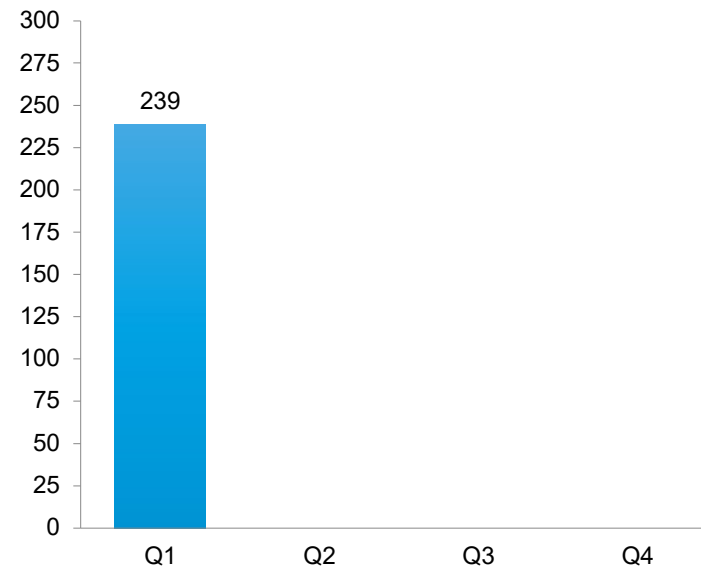
FY 2020/21 - Q1

July 1, 2020 to September 30, 2020

Safety Training  
Classes Held



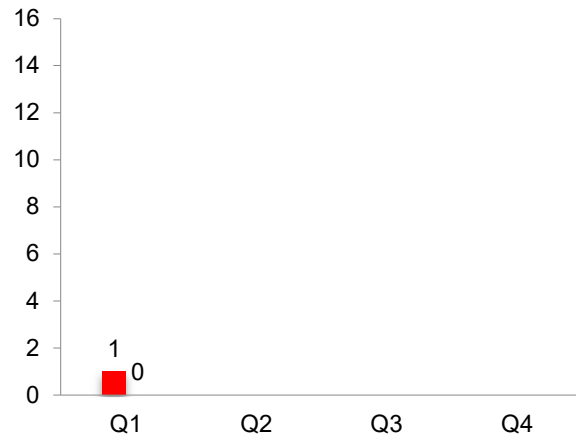
Number of  
Employees Trained



# Incident Data

FY 2020/21 - Q1  
July 1, 2020 to September 30, 2020

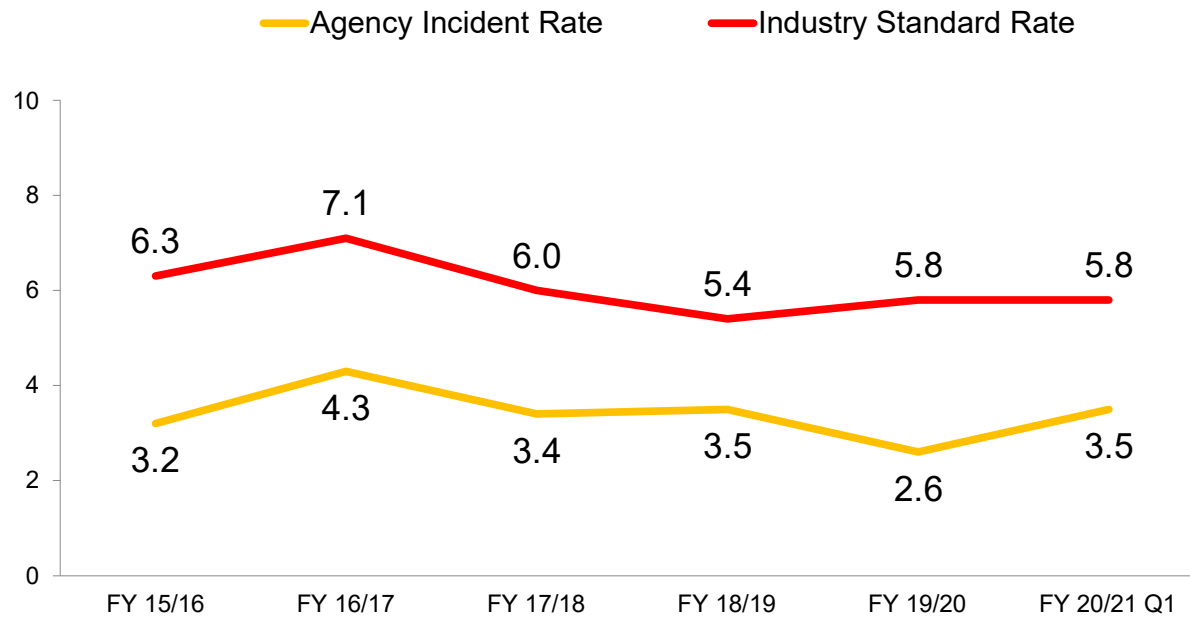
- Recordable Incidents
- Reportable Incidents





# Recordable Incident Status

5 Year Comparison  
FY 15/16 to FY 20/21 - Q1



# Metrics - Leading Indicators

Leading Indicator	FY 19/20 Q1	FY 19/20 Q2	FY 19/20 Q3	FY 19/20 Q4	FY 20/21 Q1
Safety Meetings: Tailgates, Committee, Pre-Construction	38	44	58	48	94
Safety Inspections: Internal	3	3	3	3	3
Safety Inspections: External	7	7	7	7	7
Management Participation: Safety Committee, Audits	7	9	4	7	8

# Metrics - Lagging Indicators

Lagging Indicator	Source	Result: FY 19/20 Q1	Result: FY 19/20 Q2	Result: FY 19/20 Q3	Result: FY 19/20 Q4	Result: FY 20/21 Q1	Standard measures
Recordable Incident Rate	Cal-OSHA	~3.4	~3.5	0	~3.5	~3.5	~6.7
Lost Workday Case (LWC) Rate	Cal-OSHA	0	1.6	0	0	0	~3.0
Severity Rate	Cal-OSHA	0	67.4	0	0	0	~4.4
Experience Modifier (X-Mod)	JPIA	0.84	0.84	0.84	0.84	0.78	<1.0 ideal
Citations issued	SCV Water	0	0	0	0	0	0 ideal



# Vehicle Safety Metrics

Indicator	FY 19/20 Q1	FY 19/20 Q2	FY 19/20 Q3	FY 19/20 Q4	FY 20/21 Q1
Vehicle related training sessions	4	4	5	0	15
DMV Pull Program	0	0	0	0	0
DOT Driver Program	0	0	0	0	0
Vehicle related incidents (injuries)	2(0)	1(0)	2(1)	0(0)	2(0)
Vehicle related claims	2	0	0	0	0



# Safety Activities



## SCV Water's Safety Team:

(Mike Alvord, Mark Passamani, Jon Wallace, Jose Diaz)

- Combining efforts to create a Best-in-Class safety culture.  
Review of each division's;
  - Safety Committees: 7/29, 8/26, & 9/30 via Microsoft Teams
  - Safety incentive recognition
  - Field visits and inspections
  - Safety Manual finalization
  - NFPA 704 upgrades
  - Regulatory updates and submittals
  - ERP submittal
  - Communication Upgrades
    - Emergency Response, Mass Notification, Radio Upgrades

9





THANK YOU



## COMMITTEE MEMORANDUM

**DATE:** October 14, 2020

**TO:** Engineering and Operations Committee

**FROM:** Mike Alvord  
Director of Operations & Maintenance 

**SUBJECT:** Recommend Approval of a Resolution Awarding a Contract for Newhall Tank No. 2 Interior Recoat and Repair

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### SUMMARY

Staff recommends that internal roof support rafters inside Newhall Tank No. 2 be repaired, its interior coating be removed and replaced, and spot repairs be done to its exterior paint to maintain the integrity and service life of the asset, based on condition assessments and inspections by CSI Services, Inc.(CSI) and Cannon Corp (Cannon). The tank was erected in 1989 and the original coating is reaching the end of its useful life. Additionally, internal roof support rafters show signs of movement that could negatively impact the structural integrity of the tank. Bids from five (5) qualified contractors were received and staff recommends awarding the contract to Simpson Sandblasting & Special Coatings, Inc. as the lowest responsible bidder in the amount of \$260,637. The Engineer's Estimate for the structural work was \$26,000 and \$211,000 for the relining for a total of \$237,000. This Project is included in the FY 2020-21 budget.

### DISCUSSION

Newhall Tank No. 2 is one of ten (10) reservoirs in the Newhall Division distribution system, and the only reservoir in the Newhall Zone 2. Erected in 1989, it is an 80 ft x 40 ft tank with a capacity of 1.42 MG. As early as 2006, it was reported that the roof support structure had experienced movement, presumably from the 1994 Northridge Earthquake. As noted in CSI's Maintenance Inspection Report dated July 26, 2019, "It is believed that the movement of the beams may be a result of sloshing and/or uplift from the energy of the quake." Also noted is "This energy may have caused the center column to move, which could have resulted in the deformation of the connected rafters." Structural observation and analyses by Cannon concludes that the roof plates are not attached to the roof beams, and that structural repairs should be made to correct these deficiencies. In addition, the 2019 Inspection Report notes the lower internal ring is coal-tar coated and the epoxy coated areas are showing signs of wear and corrosion. Complete interior recoating and spot exterior recoating is recommended.

Staff contracted with CSI for the coating technical specifications, and Cannon to design the rafter repairs. Staff then issued a Request for Bids by posting to PlanetBids on September 16, 2020. Nine (9) bids were received on October 7, 2020. However, four (4) bids were not considered because they did not meet the minimum requirements of the request for proposal. Staff reviewed the bids and recommends awarding the contract to Simpson Sandblasting & Special Coatings, Inc. as the lowest responsible bidder.

Bid results are as follows:

<b>Contractor</b>	<b>Bid Amount</b>
Simpson Sandblasting & Special Coatings, Inc.	\$260,637
Paso Robles Tank	\$284,580
Harbor Coating and Restoration	\$319,730
Advanced Industrial Services	\$339,900
Crosno Construction	\$342,030

**FINANCIAL CONSIDERATIONS**

Funding for the Newhall Tank No. 2 Interior Recoat & Repair project is provided through the CIP budget and is included in the FY 2020-21 Budget.

**RECOMMENDATION**

That the Engineering and Operations Committee recommends the Board of Directors adopt the attached resolution awarding a contract for Newhall Tank No. 2 Interior Recoat & Repair to Simpson Sandblasting & Special Coatings, Inc. for \$261,000.

Attachment

M65



**RESOLUTION NO. SCV-XXX**

**RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE SANTA CLARITA VALLEY WATER AGENCY  
AWARDING A CONTRACT TO SIMPSON SANDBLASTING & SPECIAL  
COATINGS, INC. FOR NEWHALL TANK NO. 2 INTERIOR RECOAT AND REPAIR  
IN THE AMOUNT OF \$261,000**

**WHEREAS**, all bid proposals submitted to the Agency pursuant to the Agency's specifications for the interior recoat and repair of the Newhall Tank No. 2 were received at the Agency's offices on Wednesday, October 7, 2020 at 2:00 p.m., in full accordance with the law and the Agency's customary procedures; and

**WHEREAS**, the Board of Directors finds, after considering the opinion of staff, that the total bid of Simpson Sandblasting & Special Coatings, Inc. in the amount of \$261,000 is the lowest responsible bid of nine bids submitted, and that said bid substantially meets the requirements of said construction contract documents; and

**WHEREAS**, it is in the Agency's best interest that the Board of Directors, on behalf of the Agency, authorize its General Manager to accept the \$261,000 bid.

**NOW, THEREFORE, BE IT RESOLVED** that the Agency's Board of Directors does authorize its General Manager to accept said low bid and does therefore authorize the Agency's General Manager or its Chief Operating Officer to issue a Notice of Award to Simpson Sandblasting & Special Coatings, Inc., hereby found to be the "lowest responsible bidder" for the interior recoat and repair of the Newhall Tank No. 2 for the total sum of \$261,000.

**RESOLVED FURTHER** that the Agency's General Manager or its President and Secretary are thereupon authorized, upon receipt of appropriate payment and performance bonds, appropriate certificates of insurance and an executed Contract Agreement from Simpson Sandblasting & Special Coatings, Inc., all of which must be approved by General Counsel, to execute the said Contract Agreement on behalf of the Agency.

**RESOLVED FURTHER** that the Agency's General Manager or Chief Operating Officer are thereafter authorized to execute and forward to Simpson Sandblasting & Special Coatings, Inc. an appropriate Notice to Proceed.

\_\_\_\_\_  
President

I, the undersigned, hereby certify: That I am the duly appointed and acting Secretary of the Santa Clarita Valley Water Agency, and that at a regular meeting of the Board of Directors of said Agency held on December 15, 2020, the foregoing Resolution No. SCV-XXX was duly and regularly adopted by said Board, and that said resolution has not been rescinded or amended since the date of its adoption, and that it is now in full force and effect.

DATED: December 15, 2020

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Secretary



November 5, 2020

# Newhall Tank 2 Recoat and Repair

Engineering & Operations  
Committee

## SCV Water Storage Tank Information

- 98 storage tanks
- Combined distribution storage of more than 160 MG
- Periodic inspections - weekly
- Inspection and cleaning - every 3 - 5 years (internal and external)



## Steel Storage Tank Coatings

- Epoxy coatings are designed to protect the integrity of steel tanks.
- Exterior and interior coatings are designed to last between 20 - 30 years.
- AWWA M42 recommends inspections every 3 - 5 years

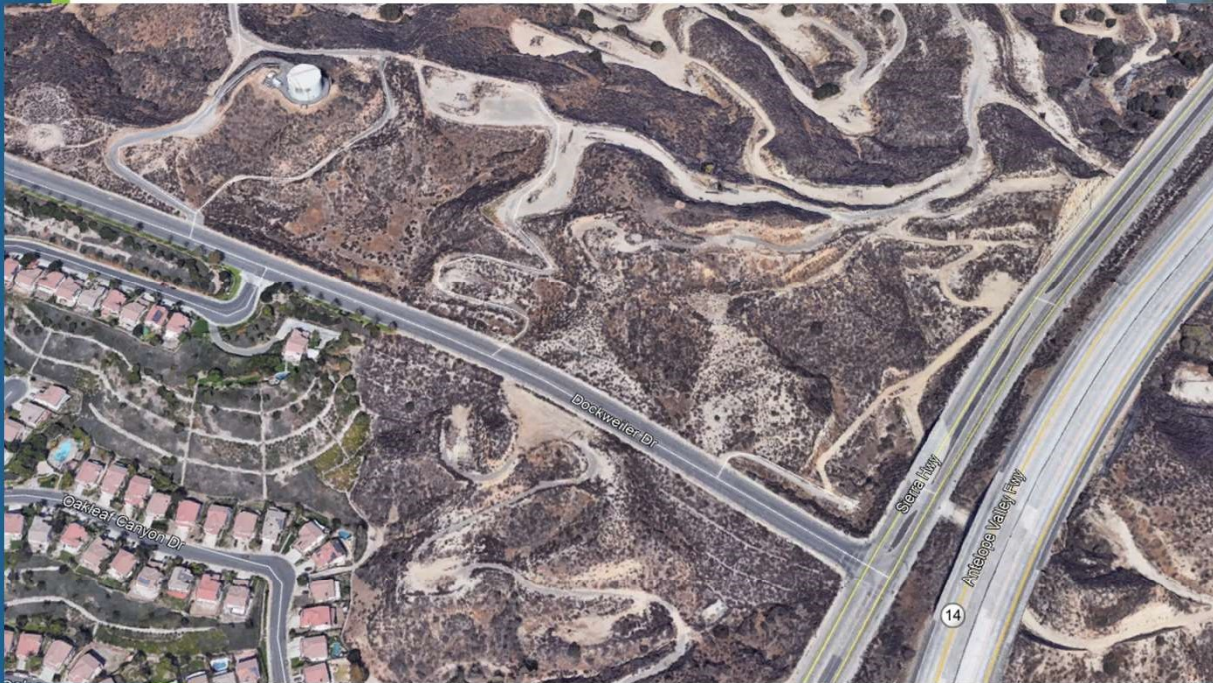


## Newhall Tank 2 Overview

- Constructed in 1989
- Condition assessment by CSI Services, Inc.
  - 2006 Dive Assessment
    - Coating in good condition (lower ring coal-tar)
    - Internal rafters fair condition (some movement)
  - 2019 Dive Assessment
    - Recoating recommended
    - Internal rafters need repair
    - Internal support column needs repair
- Structural assessment by Cannon
  - Rafter repair design



# Newhall Tank 2



# Newhall Tank 2 Recoat and Repair Project Bid Results

Contractors	Bid Amount
Simpson Sandblasting & Special Coatings, Inc.	\$260,637
Paso Robles Tank, Inc.	\$284,580
Harbor Coating and Restoration	\$319,730
Advanced Industrial Services, Inc.	\$339,900
Crosno Construction	\$342,030

- Lowest Responsible Bid is \$260,637 by Simpson Sandblasting.
- Project Funds were approved (\$500,000) in FY 2020/2021 Budget
- Three bids were rejected for not complying with RFP requirements



## Newhall Tank 2 Recoat and Repair Project Recommendation

That the Engineering & Operations Committee recommends the Board of Directors:

- Award the contract and staff to execute an agreement to recoat the interior, spot coat the exterior, and repair interior rafters/support column of Newhall Tank 2 to Simpson Sandblasting & Special Coatings, Inc. in the amount of \$261,000.



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# COMMITTEE MEMORANDUM

**DATE:** October 19, 2020

**TO:** Engineering and Operations Committee

**FROM:** Courtney Mael, P.E. *CM*  
Chief Engineer

**SUBJECT** Recommend Approval of a Resolution for a Construction Contract with GSE Construction Company, Inc., for the Rio Vista Water Treatment Plant Chlorine Scrubber Replacement Project

## SUMMARY

The Rio Vista Water Treatment Plant (RVWTP) Chlorine Scrubber Replacement Project (Project) has been advertised for construction bids. Bids have been received and staff is recommending award of a construction contract to GSE Construction Company, Inc. (GSE).

## DISCUSSION

On October 1, 2019, the Board of Directors approved the purchase of a new chlorine scrubber system for the RVWTP to replace the existing system. The existing chlorine scrubber system is a ‘wet-type’ system which utilizes caustic soda to neutralize chlorine. The new chlorine scrubber system is a ‘dry-type’ system which uses adsorbent media (porous pellets) to treat accidental chlorine gas releases before they are released into the environment.

The new chlorine scrubber system has been purchased and delivered from Pure Air Filtration, LLC. It is currently being stored at the RVWTP and is ready for installation. The construction work to remove the existing system and install the new chlorine scrubber system has been advertised for construction bids in accordance with the Agency’s Purchasing Policy, with notices in *The Signal* on three different dates and on the Agency’s website.

On October 15, 2020, four bids were received and opened. A summary of the bids is presented below:

Bidder	Bidder Location	Total Bid Price
GSE Construction Company, Inc.	Livermore, CA	\$ 214,300
Metro Builders & Engineers Group, Ltd.	Newport Beach, CA	\$ 278,497
Environmental Construction, Inc.	Woodland Hills, CA	\$ 287,790
Caliagua, Inc.	Anaheim, CA	\$ 497,366

The apparent lowest responsive bid is from GSE for a total of \$214,300. The engineer’s estimate for the project is approximately \$300,000. GSE is a licensed Class A General

Engineering Contractor in California and is registered with the Department of Industrial Relations.

### CEQA DETERMINATION

The proposed actions today are to recommend approval of a Resolution for a Construction Contract with GSE for the Rio Vista Water Treatment Plant Chlorine Scrubber Replacement Project. The whole of the action also includes construction and operation of the project. The term "project" in CEQA refers to the whole of an action and to the underlying activity being approved, not to each governmental approval. (CEQA Guideline §15378(a), (c)–(d).) This definition ensures that the action reviewed under CEQA is not the approval itself but the development or other activities that will result from the approval.

Based on the final design, and because the project construction is a minor alteration limited to construction within the Agency's existing facility property, construction and operation of this project to be categorically exempt under the provisions of CEQA and the State CEQA Guidelines as described below:

- The project, aka the whole of the action, qualifies for an exemption under CEQA guidelines section 15301 Class 1 Minor Alterations to Existing Facilities because it is a minor alteration of an existing public facility and it concerns proposed new mechanical equipment involving no expansion of use, i.e. no additional extraction of water, beyond that existing at the time of the lead agency's determination.
- None of the exceptions listed in Section 15300.2 of the CEQA Guidelines would apply to the proposed action.

This project was previously evaluated for CEQA compliance in September 2019 and a Notice of Exemption was submitted to the County Clerk's of Los Angeles County and Ventura County on October 4, 2019.

### **FINANCIAL CONSIDERATIONS**

The project is included in the SCV Water's FY 2020/21 Capital Improvement Budget for the RVWTP Chlorine Scrubber Replacement Project. As of September 30, 2020, the FY 2020/21 project expenses are \$1,540. The total estimated FY 2020/21 project expenses including construction, construction management/inspection, and engineering services during construction are anticipated to be approximately \$320,000. The expenses will be paid from the RVWTP Chlorine Scrubber budget of \$220,000 and from the Pipeline Relocations/Modifications budget of \$340,000, which have a combined FY 2020/21 budget amount of \$560,000.

### **RECOMMENDATION**

That the Engineering and Operations Committee recommends that the Board of Directors approve the attached resolution awarding a construction contract to GSE Construction Company, Inc., in an amount not to exceed \$214,300 for the for the Rio Vista Water Treatment Plant Chlorine Scrubber Replacement Project.

ES

Attachments

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**RESOLUTION NO. SCV-XXX**

**RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE SANTA CLARITA VALLEY WATER Agency  
AWARDING A CONSTRUCTION CONTRACT TO  
GSE CONSTRUCTION COMPANY, INC., FOR THE RIO VISTA WATER TREATMENT  
PLANT CHLORINE SCRUBBER REPLACEMENT PROJECT**

**WHEREAS**, Santa Clarita Valley Water Agency (Agency) desires to take steps to increase the reliability of its existing water treatment system; and

**WHEREAS**, the Agency's Capital Improvement Program includes construction of the Rio Vista Water Treatment Plant (RVWTP) Chlorine Scrubber Replacement Project; and

**WHEREAS**, the Agency, subsequent to approval by the Board of Directors on October 1, 2019, acquired a new chlorine scrubber system; and

**WHEREAS**, all bid proposals submitted to the Agency pursuant to the Agency's construction contract documents for construction of the Rio Vista Water Treatment Plant (RVWTP) Chlorine Scrubber Replacement Project, as amended by Addenda, were received electronically on the Agency's website/PlanetBids on Thursday, October 15, 2020 by 2:00 pm., in full accordance with law and Agency's customary procedures; and

**WHEREAS**, the Board of Directors finds, after considering the opinion of staff, that the total bid of GSE Construction Company, Inc., in the amount of \$214,300.00, is the lowest responsible bid of four bids submitted, and that said bid substantially meets the requirements of said construction contract documents as amended by Addenda; and

**WHEREAS**, it is in the Agency's best interest that the Board of Directors, on behalf of the Agency, authorize its General Manager to accept the \$214,300.00 bid; and

**WHEREAS**, Agency has determined that the proposed action that has been previously addressed and the Notice of Exemption (NOE) was submitted to the County Clerk's of Los Angeles County and Ventura County on October 4, 2019 is categorically exempt under provisions of CEQA and the State CEQA Guidelines.

**NOW, THEREFORE, BE IT RESOLVED** that the Agency's Board of Directors does authorize its General Manager to accept said low bid and does therefore authorize the Agency's General Manager or its Chief Engineer to issue a Notice of Award to GSE Construction Company, Inc., hereby found to be the "lowest responsible bidder" for the Rio Vista Water Treatment Plant Chlorine Scrubber Replacement Project for the total sum of \$214,300.00.

**RESOLVED FURTHER** that the Agency's General Manager or its President and Secretary are thereupon authorized, upon receipt of appropriate payment and performance bonds, appropriate certificates of insurance and an executed Contract Agreement from GSE Construction

Company, Inc., all of which must be approved by General Counsel, to execute the said Contract Agreement on behalf of the Agency.

**RESOLVED FURTHER** that the Agency's General Manager or its Chief Engineer are thereafter authorized to execute and forward to GSE Construction Company, Inc. an appropriate Notice to Proceed.

\_\_\_\_\_  
President

I, the undersigned, hereby certify: That I am the duly appointed and acting Secretary of the Santa Clarita Valley Water Agency, and that at a regular meeting of the Board of Directors of said Agency held on December 1, 2020, the foregoing Resolution No. SCV-179 was duly and regularly adopted by said Board, and that said resolution has not been rescinded or amended since the date of its adoption, and that it is now in full force and effect.

DATED: December 1, 2020

\_\_\_\_\_  
Secretary



November 5, 2020

# Rio Vista Water Treatment Plant (RVWTP) Chlorine Scrubber Replacement Project

Engineering & Operations  
Committee

# Rio Vista Water Treatment Plant (RVWTP) Chlorine Scrubber Replacement Project Vicinity Map

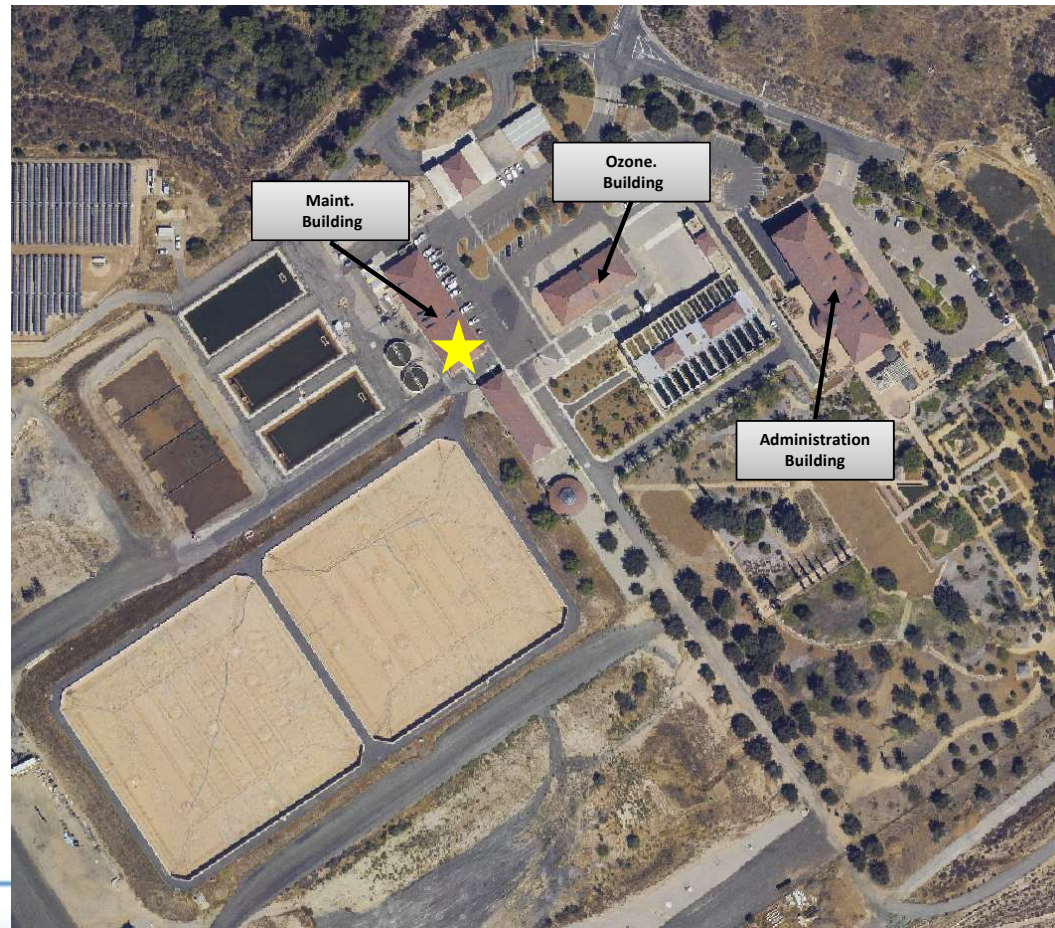


YOURSCVWATER.COM





# RVWTP Chlorine Scrubber Replacement Project Location Map



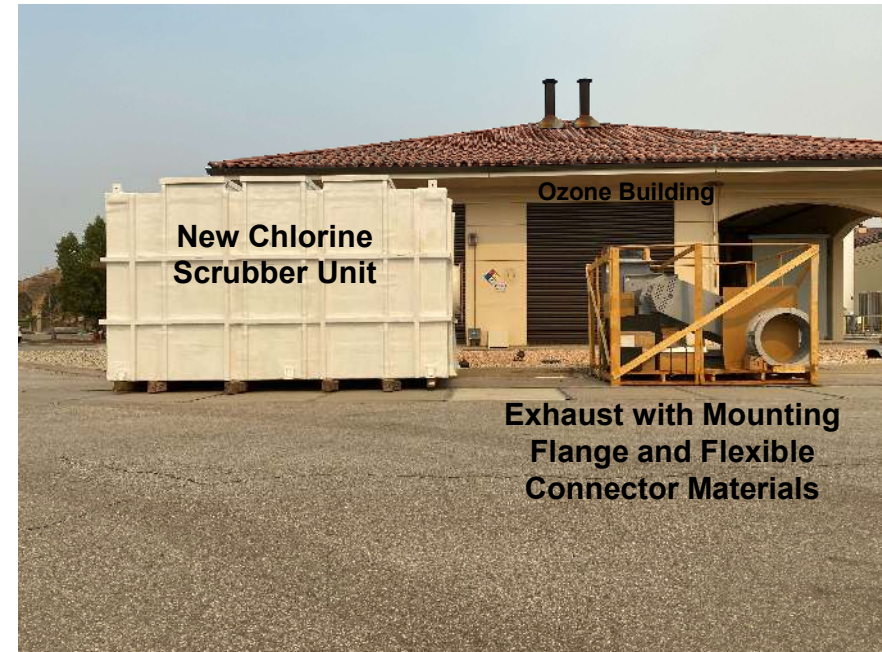
# RVWTP Chlorine Scrubber Replacement Project

## Completed Items

- October 1, 2019: Board of Directors approved the new chlorine scrubber equipment purchase.
- Chlorine Scrubber has been purchased and delivered to the RVWTP.



Existing Equipment



New Equipment

# RVWTP Chlorine Scrubber Replacement Project Construction Bids

- Staff advertised project on PlanetBids from September 17, 2020 thru October 15, 2020
- Project was advertised in the Signal Newspaper
- Bids were opened on October 15, 2020
- Received four (4) Construction Bids:

<b>Bidder</b>	<b>Bidder Office Location</b>	<b>Total Bid Price</b>
GSE Construction Company, Inc.	Livermore, CA	\$214,300
Metro Builders & Engineers Group, Ltd.	Newport Beach, CA	\$278,497
Environmental Construction Inc.	Woodland Hills , CA	\$287,790
Caliagua Inc.	Anaheim, CA	\$497,366

\*Engineer's Estimate approximately \$300,000

# RVWTP Chlorine Scrubber Replacement Project Anticipated Project Schedule

- November 5, 2020: Engineering & Operations Committee
- November 17, 2020: Board Meeting
- December 7, 2020: Issue the Notice To Proceed
- December 7, 2020 – April 5, 2021: Construction Period (120 calendar days)

## RVWTP Chlorine Scrubber Replacement Project Recommendation

That the Engineering and Operations Committee recommends that the Board of Directors:

- Adopt the resolution awarding a construction contract to GSE Construction Company, Inc., in an amount not to exceed \$214,300 for the Rio Vista Water Treatment Plant Chlorine Scrubber Replacement Project.



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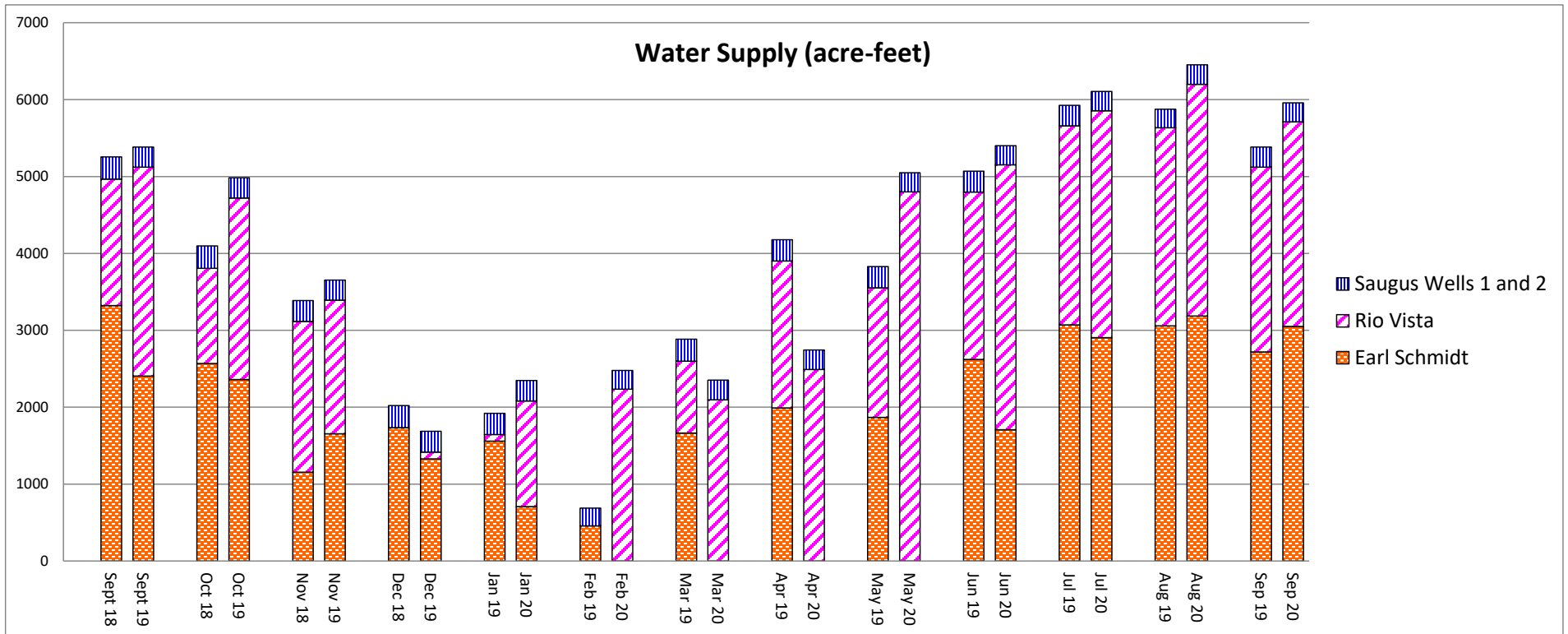
# Monthly Operations & Production Report

## September 2020

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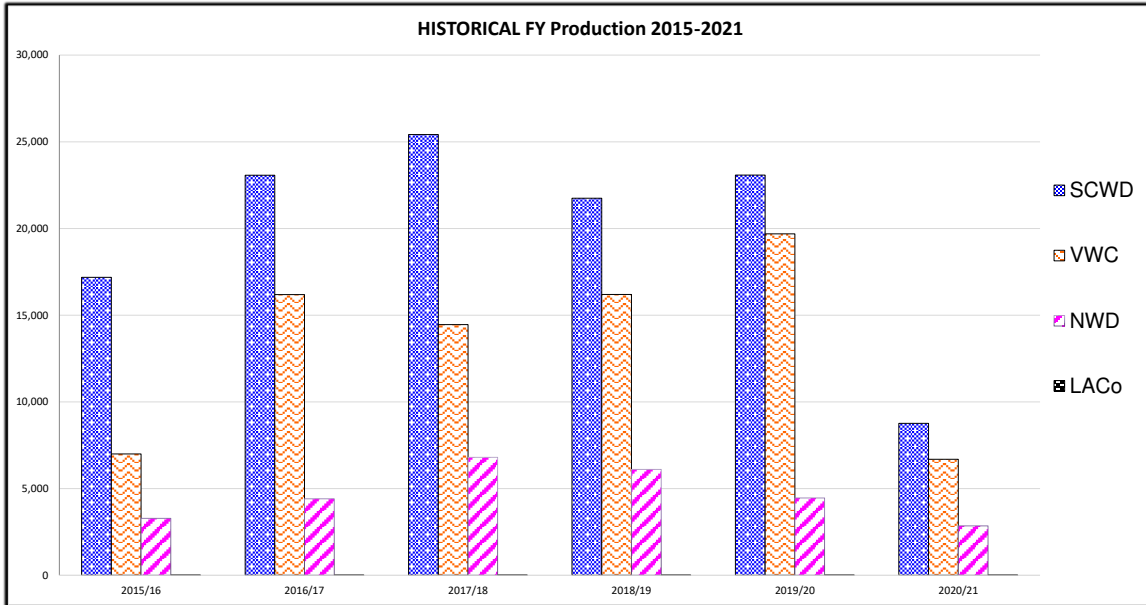


**SANTA CLARITA VALLEY WATER AGENCY**  
 Septeber 2020 Regional Operations Report



Source	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Total
Earl Schmidt	2404	2360	1655	87	708	0	0	0	0	1706	2906	3187	3050	18062.76
Rio Vista	2719	2360	1736	1328	1374	2235	2096	2490	4801	3445	2950	3013	2662	33209.4
Saugus 1 and 2	261	263	263	271	265	243	256	253	249	249	251	252	245	3321.061
<b>Total</b>	<b>5384</b>	<b>4983</b>	<b>3654</b>	<b>1686</b>	<b>2347</b>	<b>2478</b>	<b>2352</b>	<b>2743</b>	<b>5050</b>	<b>5400</b>	<b>6107</b>	<b>6452</b>	<b>5957</b>	<b>54593.23</b>
Total Sold	5316	4879	3651	1715	2270	2411	2309	2660	5004	5336	6048	6373	5870	53842
RVWTP Use/Storage	27.66	40.42	13.19	-46.25	31.54	55.91	2.55	49	39	35	22	43.68	31.48	345.18
Total Use	5343.66	4919.42	3664.19	1668.75	2301.54	2466.91	2311.55	2709	5043	5371	6070	6416.68	5901.48	54187.18
Water Loss	-0.75%	-1.28%	0.28%	-1.02%	-1.94%	-0.45%	-1.72%	-1.24%	-0.14%	-0.54%	-0.61%	-0.55%	-0.93%	-0.84%
<b>Recycled Water</b>	<b>Sep-19</b>	<b>Oct-19</b>	<b>Nov-19</b>	<b>Dec-19</b>	<b>Jan-20</b>	<b>Feb-20</b>	<b>Mar-20</b>	<b>Apr-20</b>	<b>May-20</b>	<b>Jun-20</b>	<b>Jul-20</b>	<b>Aug-20</b>	<b>Sep-20</b>	<b>Total</b>
Valencia	64	65	25	2	10	22	8	22	64	70	76	68	64	560

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



### HISTORICAL FY PRODUCTION 2015-2021

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
<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	2,663	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
<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	1,578	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
<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	1,882	1,274	1,110	493	1,177	1,770	1,632	2,189	21,746
VWD	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
<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	2,310	1,845	980	1,207	1,416	1,212	1,368	2,358	2,552	23,076
VWD	2,491	2,518	2,348	2,145	1,526	604	957	762	919	1,066	2,171	2,186	19,693
NWD	721	518	492	422	280	130	188	232	177	226	475	597	4,458
LACo	2	0	0	1	1	1	1	0	0	0	0	0	7
<b>Total</b>	<b>5,823</b>	<b>5,779</b>	<b>5,316</b>	<b>4,879</b>	<b>3,651</b>	<b>1,715</b>	<b>2,353</b>	<b>2,411</b>	<b>2,309</b>	<b>2,660</b>	<b>5,004</b>	<b>5,336</b>	<b>47,234</b>
Cum. FYTD	5,823	11,602	16,918	21,796	25,448	27,162	29,515	31,926	34,235	36,894	41,898	47,234	
2019/20	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,849	3,117	2,792	0	0	0	0	0	0	0	0	0	8,758
VWD	2,316	2,257	2,115	0	0	0	0	0	0	0	0	0	6,689
NWD	882	999	963	0	0	0	0	0	0	0	0	0	2,844
LACo	0	0	0	0	0	0	0	0	0	0	0	0	1
<b>Total</b>	<b>6,048</b>	<b>6,373</b>	<b>5,870</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>18,292</b>
Cum. FYTD	6,048	12,422	18,292	18,292	18,292	18,292	18,292	18,292	18,292	18,292	18,292	18,292	

\*Total does not include recycled water.

**SANTA CLARITA VALLEY WATER AGENCY**

*Record of Weather Observations*

September 2020

*(End of the 2020 Water Year)*

<b>DATE</b>	<b>High Temperature</b>	<b>Low Temperature</b>	<b>Precipitation 2020</b>	<b>Precipitation 2019</b>
1-Sep	87	49	0.00	0.00
2-Sep	94	53	0.00	0.00
3-Sep	95	57	0.00	0.00
4-Sep	104	59	0.00	0.00
5-Sep	113	64	0.00	0.00
6-Sep	106	68	0.00	0.00
7-Sep	98	72	0.00	0.00
8-Sep	79	62	0.00	0.00
9-Sep	89	55	0.00	0.00
10-Sep	86	52	0.00	0.00
11-Sep	92	49	0.00	0.00
12-Sep	92	51	0.00	0.00
13-Sep	92	52	0.00	0.00
14-Sep	94	53	0.00	0.00
15-Sep	94	53	0.00	0.00
16-Sep	98	52	0.00	0.00
17-Sep	96	52	0.00	0.00
18-Sep	97	56	0.00	0.00
19-Sep	91	57	0.00	0.00
20-Sep	89	49	0.00	0.00
21-Sep	89	50	0.00	0.00
22-Sep	89	51	0.00	0.00
23-Sep	94	53	0.00	0.00
24-Sep	92	52	0.00	0.00
25-Sep	88	52	0.00	0.00
26-Sep	86	53	0.00	0.00
27-Sep	92	54	0.00	0.00
28-Sep	99	54	0.01	0.03
29-Sep	100	56	0.00	0.00
30-Sep	102	59	0.00	0.00

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<b>TOTAL</b>	<b>0.01</b>	<b>0.03</b>
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	<b>2019-2020</b>	<b>2018-2019</b>
<i>Total Precipitation of Current Month</i>	0.01	0.03
<i>Total Precipitation End of Previous Month</i>	18.83	27.65
<b>Total Precipitation Since October 1st</b>	<b>18.84</b>	<b>27.68</b>
<i>Temperature Averages for Current Month</i>		
<b>HIGH</b>	93.9	87.1
<b>LOW</b>	55.0	56.0

**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
<b>TOTAL</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>	<b>13.64</b>
	<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	2.61
Dec	4.28	11.97	1.19	1.54	0.37	6.16	0.49	3.44	0.01	2.77	5.12
Jan	9.13	0.96	1.23	1.94	0.06	1.44	6.07	10.30	3.18	8.08	0.54
Feb	4.96	5.36	0.13	0.42	5.26	0.74	0.69	8.98	0.35	8.56	0.12
Mar	0.69	8.86	4.99	1.21	1.64	1.09	2.75	0.33	7.50	4.15	5.81
Apr	2.40	0.12	4.02	0.00	0.31	0.16	0.37	0.09	0.02	0.09	4.45
May	0.07	0.74	0.01	0.74	0.00	0.66	0.09	0.26	0.01	1.60	0.16
Jun	0.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01
Jul	0.00	0.01	0.00	0.08	0.02	0.87	0.00	0.01	0.00	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	0.00
Sep	0.00	0.00	0.02	0.00	0.00	0.78	0.00	0.13	0.02	0.03	0.01
<b>TOTAL</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>	<b>18.84</b>



NEWHALL WATER DIVISION  
WATER PRODUCTION 2020 (ACRE-FEET)

GROUNDWATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
<b>NEWHALL SYSTEM</b>													
N12	104	108	96	94	178	175	164	177	179				1275
N13	120	126	111	109	127	197	183	74	49				1096
<b>CASTAIC SYSTEM</b>													
C1	19	27	17	29	53	58	60	61	27				351
C2	13	14	9	14	27	29	29	29	13				177
C7	35	37	25	38	71	78	79	79	36				477
<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	71	65	68	68	67	67	67	68	66				606
<b>TOTAL GROUNDWATER</b>	<b>362</b>	<b>377</b>	<b>326</b>	<b>352</b>	<b>523</b>	<b>603</b>	<b>583</b>	<b>487</b>	<b>369</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3982</b>
<b>IMPORT + S1 &amp; S2</b>													
<b>NEWHALL SYSTEM</b>													
N-3	8	30	10	41	110	78	165	260	245				947
<b>CASTAIC SYSTEM</b>													
N-1	25	27	36	20	45	36	42	54	123				408
<b>PINETREE SYSTEM</b>													
N-2	102	119	88	108	199	216	239	245	217				1533
<b>TESORO SYSTEM</b>													
N-4	53	56	43	57	120	268	436	440	378				1852
<b>TOTAL IMPORT + S1 &amp; S2</b>	<b>188</b>	<b>232</b>	<b>177</b>	<b>226</b>	<b>475</b>	<b>597</b>	<b>882</b>	<b>999</b>	<b>963</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4739</b>
<b>TOTAL GROUNDWATER (INCLUDES S1 &amp; S2)</b>	<b>362</b>	<b>377</b>	<b>326</b>	<b>352</b>	<b>523</b>	<b>603</b>	<b>583</b>	<b>487</b>	<b>369</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3982</b>
<b>TOTAL IMPORT (NO S1 &amp; S2)</b>	<b>117</b>	<b>167</b>	<b>109</b>	<b>158</b>	<b>408</b>	<b>531</b>	<b>815</b>	<b>931</b>	<b>897</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4133</b>
<b>TOTAL PRODUCTION (GW + IMPORT)</b>	<b>479</b>	<b>544</b>	<b>434</b>	<b>510</b>	<b>931</b>	<b>1134</b>	<b>1398</b>	<b>1418</b>	<b>1266</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8115</b>
<b>% BY SOURCE</b>													
GROUNDWATER	76%	69%	75%	69%	56%	53%	42%	34%	29%				49%
IMPORT	24%	31%	25%	31%	44%	47%	58%	66%	71%				51%

**SANTA CLARITA WATER DIVISION  
WATER PRODUCTION 2020 (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	36	2	0	0	26	31	46	40	44				225
LOST CANYON NO.2A	70	45	13	18	62	64	87	61	100				520
SAND CANYON	80	50	15	20	66	60	76	66	54				487
MITCHELL 5A	0	0	0	0	0	0	0	0	0				0
MITCHELL 5B	0	0	1	1	0	0	0	0	0				2
SIERRA	7	18	6	11	13	8	0	0	0				63
NORTH OAKS EAST	0	0	0	0	0	0	0	0	0				0
NORTH OAKS CENTRAL	1	3	1	0	0	0	0	0	0				5
NORTH OAKS WEST	0	0	0	0	0	0	0	0	0				0
HONBY	1	15	0	0	0	0	0	0	0				16
GUIDA	24	46	0	23	69	52	69	54	54				391
CLARK	17	29	1	0	0	0	0	0	0				47
SANTA CLARA	1	20	3	0	0	0	0	0	0				24
VALLEY CENTER	0	0	0	0	0	0	0	0	0				0
<b>TOTAL ALLUVIUM</b>	<b>237</b>	<b>228</b>	<b>40</b>	<b>73</b>	<b>236</b>	<b>215</b>	<b>278</b>	<b>221</b>	<b>252</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1780</b>
SAUGUS WELLS S1 & S2	194	178	187	185	182	182	184	184	179				1656
<b>TOTAL GROUNDWATER</b>	<b>431</b>	<b>406</b>	<b>227</b>	<b>258</b>	<b>418</b>	<b>397</b>	<b>462</b>	<b>405</b>	<b>431</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3436</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	129	99	161	164	184	191	233	287	346				1794
SC-2 HONBY	174	260	211	225	360	324	2	0	0				1555
SC-3 WILEY	97	103	93	112	148	153	170	176	155				1208
SC-4 HONBY #2	211	94	161	224	373	432	631	637	580				3343
SC-5 RIO VISTA	138	176	111	116	238	226	298	269	301				1874
SC-6 LOST CANYON	76	104	64	90	170	173	199	231	142				1249
SC-7	104	128	46	42	105	199	410	425	360				1818
SC-8	130	184	157	164	309	334	380	419	359				2436
SC-9	93	89	32	47	90	103	197	237	233				1121
SC-10	25	55	23	20	52	71	74	54	93				469
SC-11	1	2	1	1	1	0	1	0	0				5
SC-12	10	87	150	155	169	181	146	150	121				1170
SC-13	20	36	3	8	157	166	109	231	101				831
<b>TOTAL IMPORT + S1 &amp; S2</b>	<b>1207</b>	<b>1,416</b>	<b>1,212</b>	<b>1,368</b>	<b>2,358</b>	<b>2,552</b>	<b>2,849</b>	<b>3,117</b>	<b>2,792</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,870</b>
METERING ADJUSTMENT	-6.7	0.01	0	0	0	0	0	0	0				-7
<b>NET IMPORT + S1 &amp; S2</b>	<b>1,201</b>	<b>1,416</b>	<b>1,212</b>	<b>1,368</b>	<b>2,358</b>	<b>2,552</b>	<b>2,849</b>	<b>3,117</b>	<b>2,792</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,864</b>
<b>TOTAL GROUNDWATER (INCLUDES S1 &amp; S2)</b>	<b>431</b>	<b>406</b>	<b>227</b>	<b>258</b>	<b>418</b>	<b>397</b>	<b>462</b>	<b>405</b>	<b>431</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3436</b>
<b>TOTAL IMPORT (NO S1 &amp; S2)</b>	<b>1,014</b>	<b>1,238</b>	<b>1,025</b>	<b>1,183</b>	<b>2,176</b>	<b>2,370</b>	<b>2,665</b>	<b>2,932</b>	<b>2,613</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,215</b>
<b>TOTAL PRODUCTION (GW + IMPORT)</b>	<b>1,444</b>	<b>1,644</b>	<b>1,252</b>	<b>1,441</b>	<b>2,594</b>	<b>2,767</b>	<b>3,127</b>	<b>3,338</b>	<b>3,044</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,650</b>
<b>% BY SOURCE</b>													
GROUNDWATER	30%	25%	18%	18%	16%	14%	15%	12%	14%				17%
IMPORT	70%	75%	82%	82%	84%	86%	85%	88%	86%				83%
VALLEY CENTER (NON-SYSTEM) *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
HONBY (NON-SYSTEM) *						0.23	0.00	0.00	0.00				0.23
MITCHELL 5B (NON-SYSTEM) *							0.54	0.30	0.00				0.84

\* Not used in the calculation for % by Source

VALENCIA WATER DIVISION  
WATER PRODUCTION 2020 (ACRE-FEET)

ALLUVIUM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
D	20	56	20	23	71	59	36	58	52				395
E15	25	103	33	39	92	90	84	102	90				658
N	53	69	19	0	0	0	0	0	0				141
N7	29	120	9	0	0	0	0	0	0				157
N8	89	108	14	0	0	0	0	0	0				211
Q2	0	0	0	0	0	0	0	0	0				0
T7	3	19	2	0	0	0	0	0	0				23
U6	1	7	5	47	83	0	0	0	0				142
U4	1	4	0	0	0	0	0	0	0				6
S6	0	0	0	0	0	0	0	0	0				0
S7	13	31	0	0	0	0	0	0	0				44
S8	9	14	6	0	0	0	0	0	0				29
W11	40	29	18	36	55	68	91	86	67				489
W9	51	87	57	70	93	102	64	58	59				640
W10	75	63	10	0	0	0	0	0	0				148
<b>TOTAL ALLUVIUM</b>	<b>408</b>	<b>711</b>	<b>192</b>	<b>214</b>	<b>393</b>	<b>318</b>	<b>275</b>	<b>305</b>	<b>268</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3084</b>
SAUGUS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
159	0	1	0	1	4	7	4	5	4				25
160 - DOM	1	2	2	2	2	3	2	0	0				15
160 - VGC*	20	29	11	38	73	74	85	69	45				445
201	0	0	0	0	0	0	0	0	0				0
205	0	0	0	0	0	0	0	0	0				0
206	68	98	95	74	58	115	96	175	77				855
207	78	116	62	109	150	139	192	89	158				1094
<b>TOTAL SAUGUS</b>	<b>167</b>	<b>246</b>	<b>170</b>	<b>224</b>	<b>287</b>	<b>338</b>	<b>379</b>	<b>339</b>	<b>285</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2434</b>
IMPORT WATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
V-1	143	65	126	146	197	213	254	237	239				1620
V-2	139	284	138	211	514	419	320	303	191				2519
V-4	105	1	68	90	402	327	229	224	207				1654
V-5	246	161	179	188	276	323	425	443	461				2703
V-6	85	198	134	133	185	136	68	53	77				1069
V-7	23	3	15	12	78	105	240	235	208				919
V-8	217	50	259	285	520	664	780	761	733				4267
<b>TOTAL IMPORT</b>	<b>957</b>	<b>762</b>	<b>919</b>	<b>1,066</b>	<b>2,171</b>	<b>2,186</b>	<b>2,316</b>	<b>2,257</b>	<b>2,115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,750</b>
<b>TOTAL GROUNDWATER</b>	<b>575</b>	<b>956</b>	<b>362</b>	<b>438</b>	<b>680</b>	<b>656</b>	<b>654</b>	<b>644</b>	<b>553</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,518</b>
<b>TOTAL IMPORT</b>	<b>957</b>	<b>762</b>	<b>919</b>	<b>1,066</b>	<b>2,171</b>	<b>2,186</b>	<b>2,316</b>	<b>2,257</b>	<b>2,115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,750</b>
<b>TOTAL PRODUCTION</b>	<b>1,531</b>	<b>1,718</b>	<b>1,282</b>	<b>1,505</b>	<b>2,851</b>	<b>2,842</b>	<b>2,970</b>	<b>2,901</b>	<b>2,668</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,268</b>
% BY SOURCE													
GROUNDWATER	37%	55%	28%	27%	22%	21%	20%	20%	19%				26%
IMPORT WATER	63%	45%	72%	73%	78%	79%	80%	80%	81%				74%
RECYCLED WATER	10	22	8	22	64	70	76	68	64				404
Well 201 Discharge *	107	61	108	103	102	102	111	102	104				900
Well Q2 Non-System *	0.12	0.03	0.05	0.05	0.13	0.30	0	0.17	0.17				1.01
Well 205 Non-System *	0	0	0	0	0	0	0	0	0				0.00
Well N Non-System *	0	0	0.06	0	0	0	0	0	17.64				17.70
Well N8 Non-System *	0	0	0	0	0	0	0	0	38.40				38.40
Well S8 Non-System *	0	0	0	0.19	0.23	0	0.68	0.21	0.11				1.42
Well W10 Non-System *	0	0	0	0.25	0.11	0.16	0.17	0.29	0.36				1.34

\*Not used in the calculation for % by source



**LOS ANGELES COUNTY WATERWORKS DISTRICT 36**

**SOURCE**

<b>TURNOUT</b>	<b>Jan-20</b>	<b>Feb-20</b>	<b>Mar-20</b>	<b>Apr-20</b>	<b>May-20</b>	<b>Jun-20</b>	<b>Jul-20</b>	<b>Aug-20</b>	<b>Sep-20</b>	<b>Oct-20</b>	<b>Nov-20</b>	<b>Dec-20</b>	<b>TOTAL</b>
LA 1	0	0.0031	0	0	0	0.00	0	0	0				0.00
LA 2	0.7764	0.4818	0.3621	0.4082	0.2793	0.42	0.424	0.4389	0.3928				3.98
<b>TOTAL</b>	<b>0.7764</b>	<b>0.4849</b>	<b>0.3621</b>	<b>0.4082</b>	<b>0.2793</b>	<b>0.4174</b>	<b>0.424</b>	<b>0.4389</b>	<b>0.3928</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>3.98</b>

**RAW WATER**

<b>SOURCE</b>	<b>Jan-20</b>	<b>Feb-20</b>	<b>Mar-20</b>	<b>Apr-20</b>	<b>May-20</b>	<b>Jun-20</b>	<b>Jul-20</b>	<b>Aug-20</b>	<b>Sep-20</b>	<b>Oct-20</b>	<b>Nov-20</b>	<b>Dec-20</b>	<b>TOTAL</b>
RVTP	1,374	2,235	2,096	2,490	4801	3445	2,950	3,013	2,662				25,066.25
ESTP	708	0	0	0	0	1706	2,906	3,187	3,050				11,557.20
Wells	265	243	256	253	249	249	251	252	245				2,261.95
<b>TOTAL</b>	<b>2,347</b>	<b>2,478</b>	<b>2,351</b>	<b>2,742</b>	<b>5,049</b>	<b>5,400</b>	<b>6,107</b>	<b>6,453</b>	<b>5,957</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38,885.41</b>

**S1/S2 TREATMENT**

<b>SOURCE</b>	<b>Jan-20</b>	<b>Feb-20</b>	<b>Mar-20</b>	<b>Apr-20</b>	<b>May-20</b>	<b>Jun-20</b>	<b>Jul-20</b>	<b>Aug-20</b>	<b>Sep-20</b>	<b>Oct-20</b>	<b>Nov-20</b>	<b>Dec-20</b>	<b>TOTAL</b>
S1	137.13	129.09	130.51	130.97	132.2	129.15	134.3	134.95	131.29				1189.63
S2	127.54	114.13	125.05	121.57	116.52	119.61	117.1	117.00	113.86				1072.33
<b>TOTAL</b>	<b>264.67</b>	<b>243.22</b>	<b>255.56</b>	<b>252.54</b>	<b>248.72</b>	<b>248.76</b>	<b>251.4</b>	<b>251.9556</b>	<b>245.15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2261.95</b>

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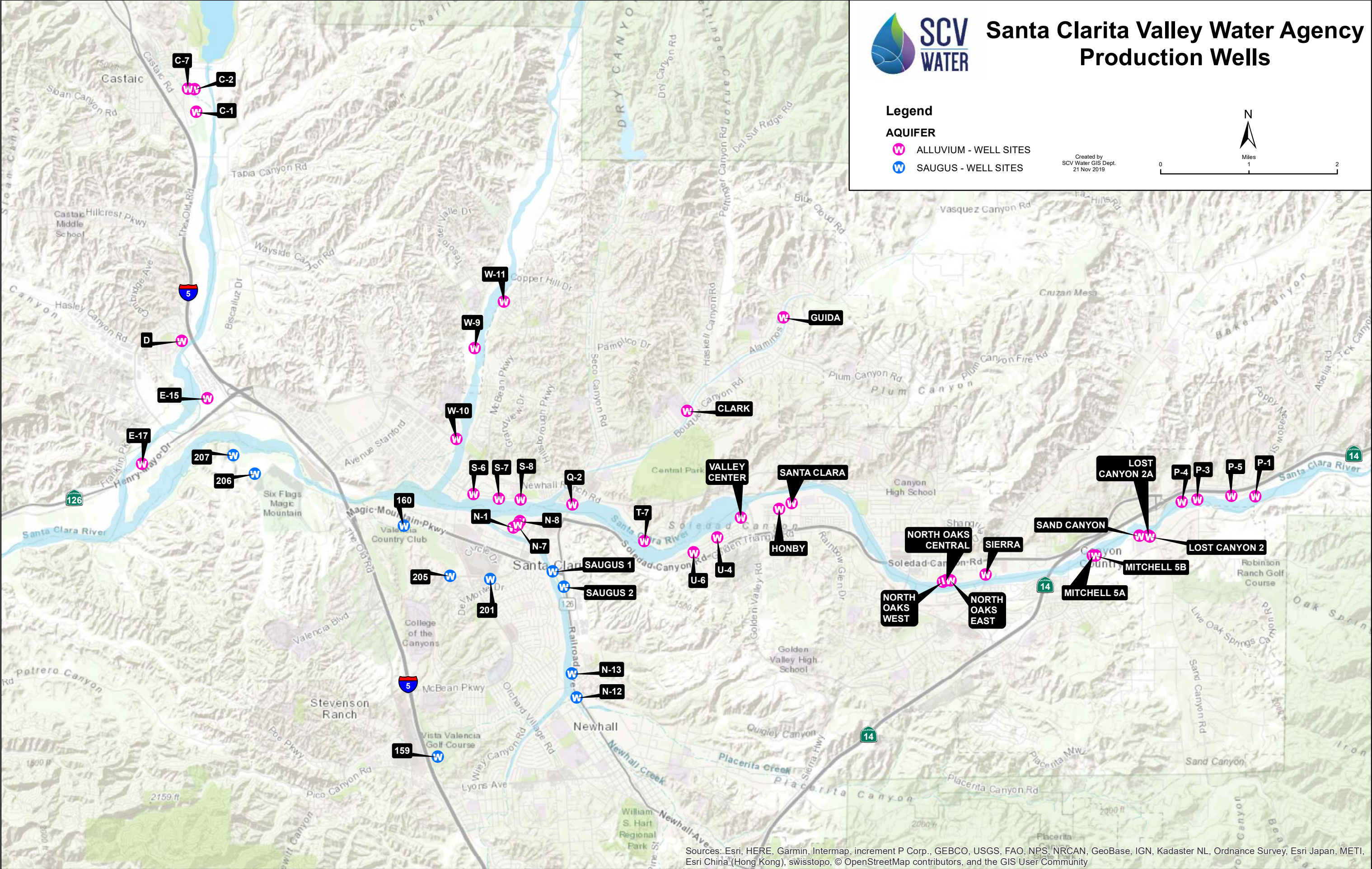
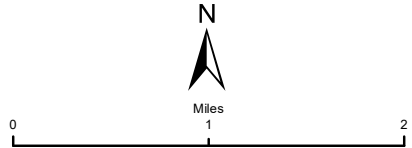


# Santa Clarita Valley Water Agency Production Wells

### Legend

- AQUIFER**
- W ALLUVIUM - WELL SITES
  - W SAUGUS - WELL SITES

Created by  
SCV Water GIS Dept.  
21 Nov 2019



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

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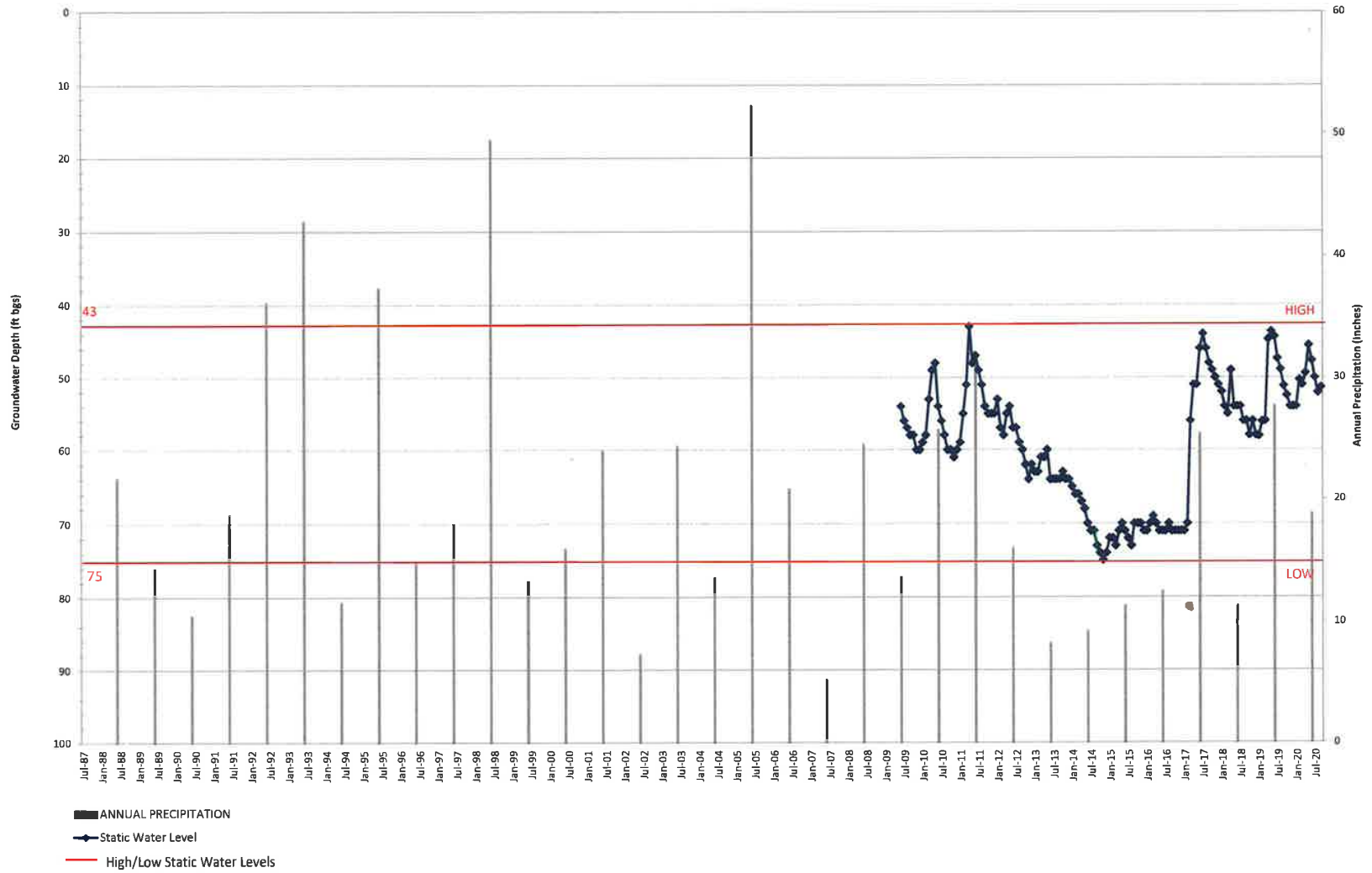
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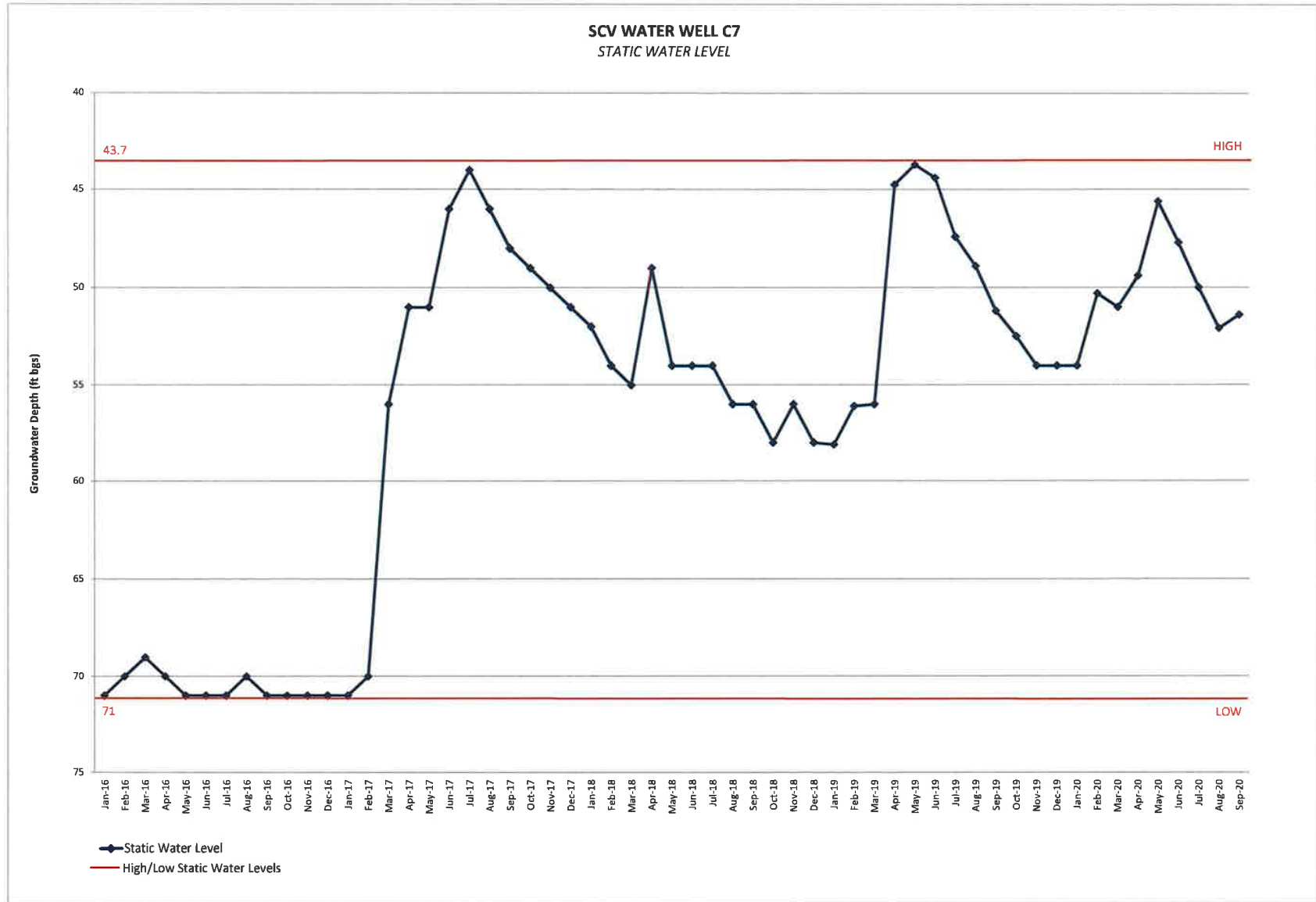
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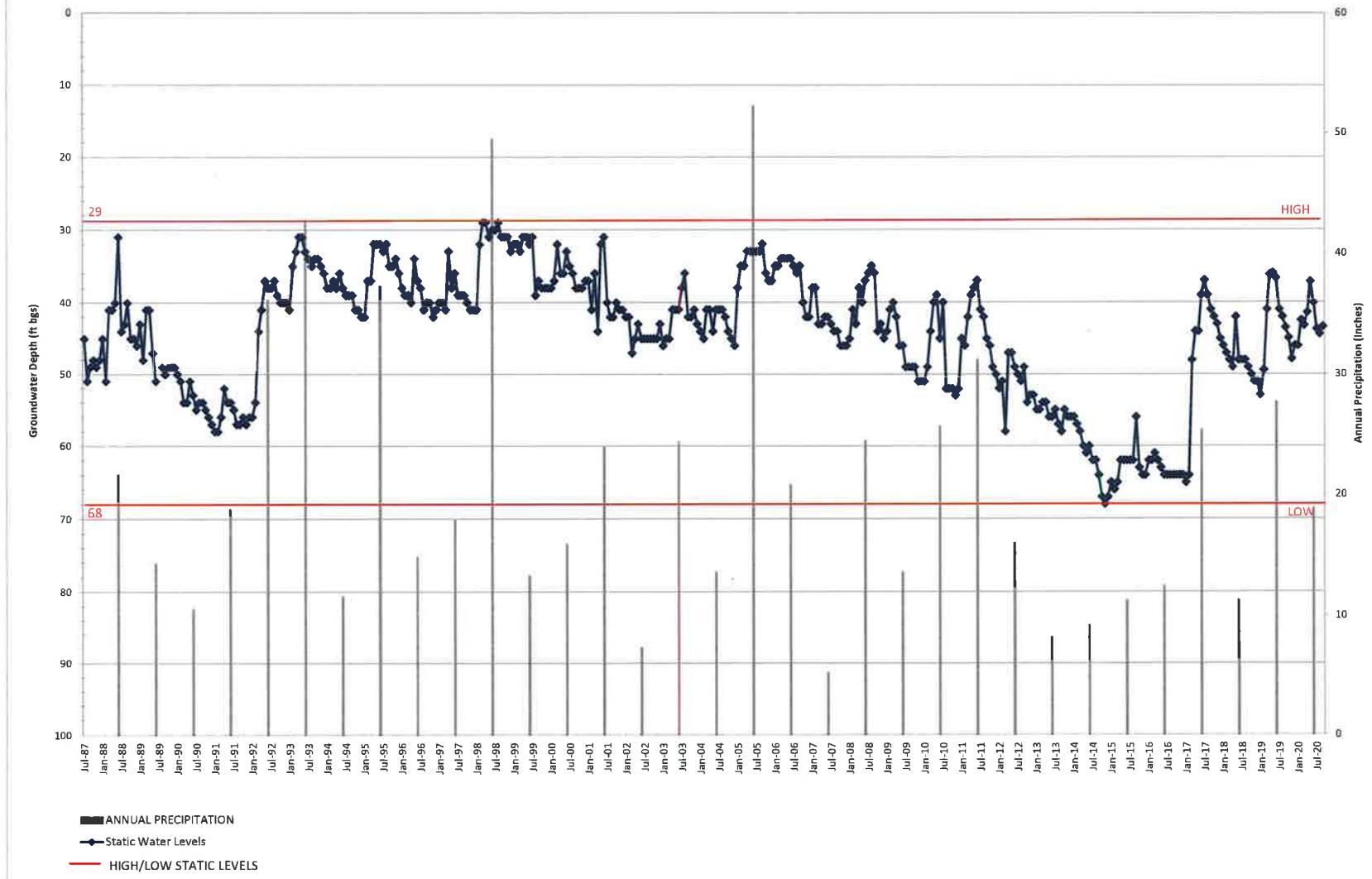
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**STATIC WATER LEVEL VS PRECIPITATION**



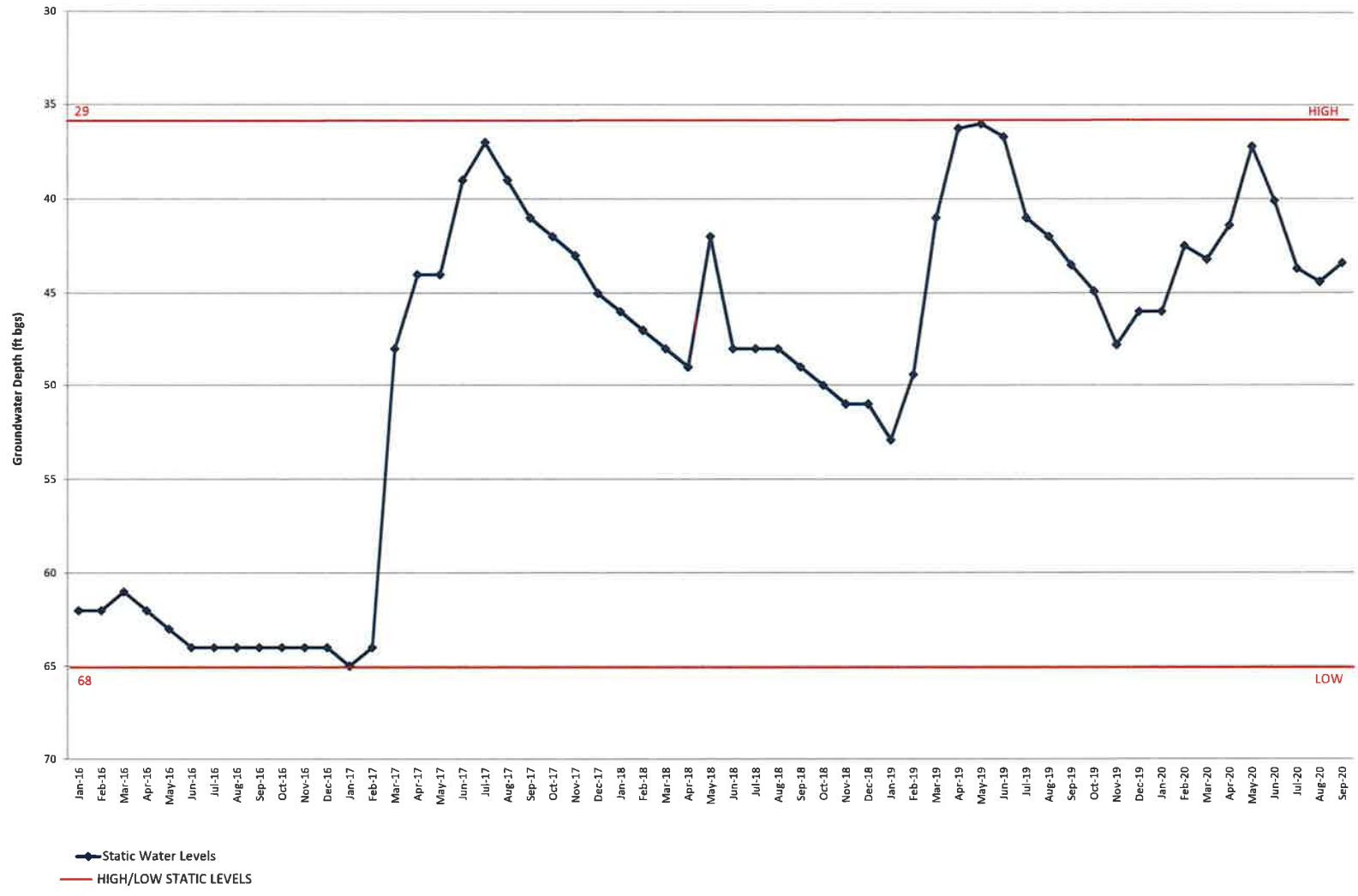




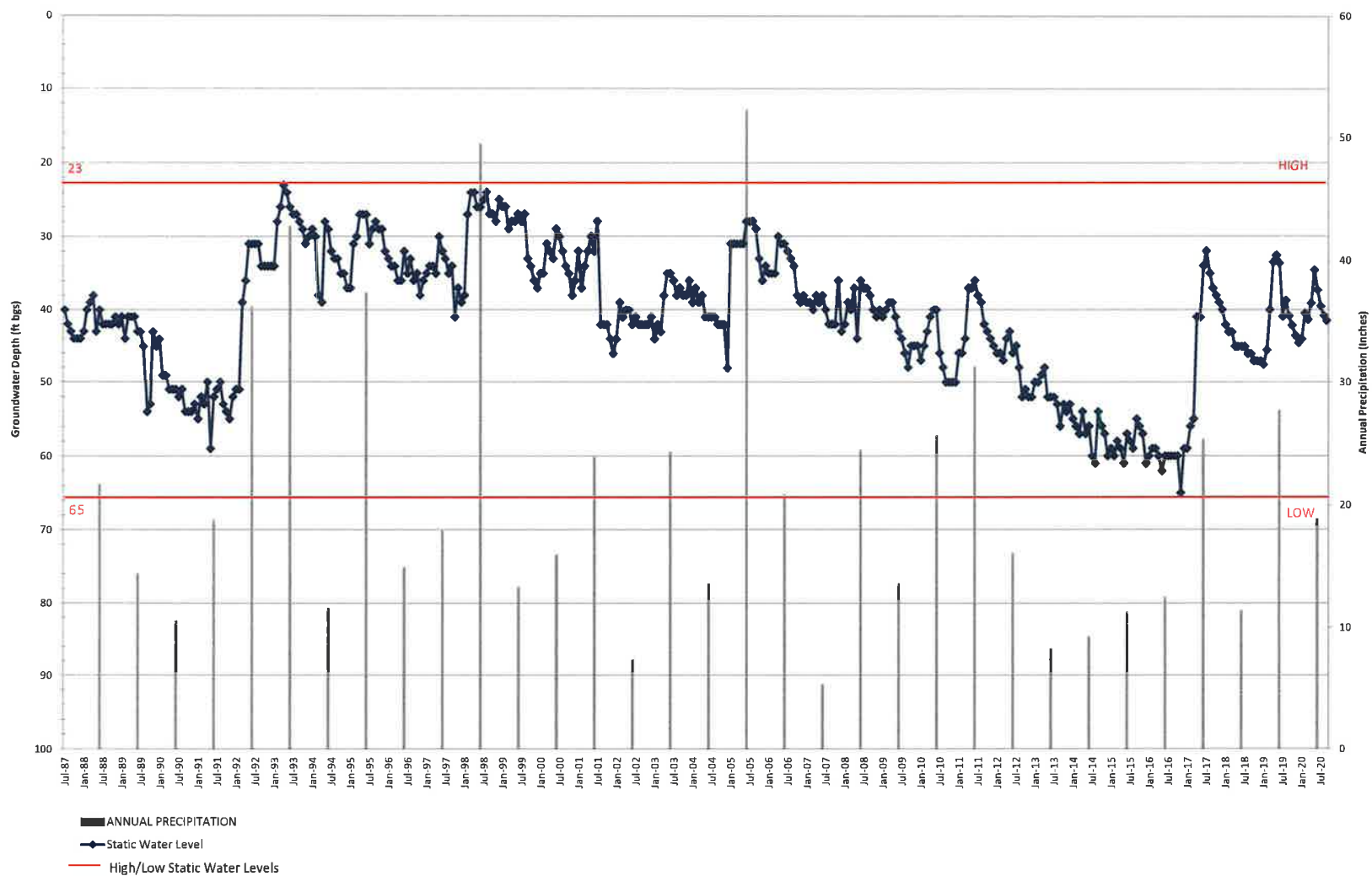
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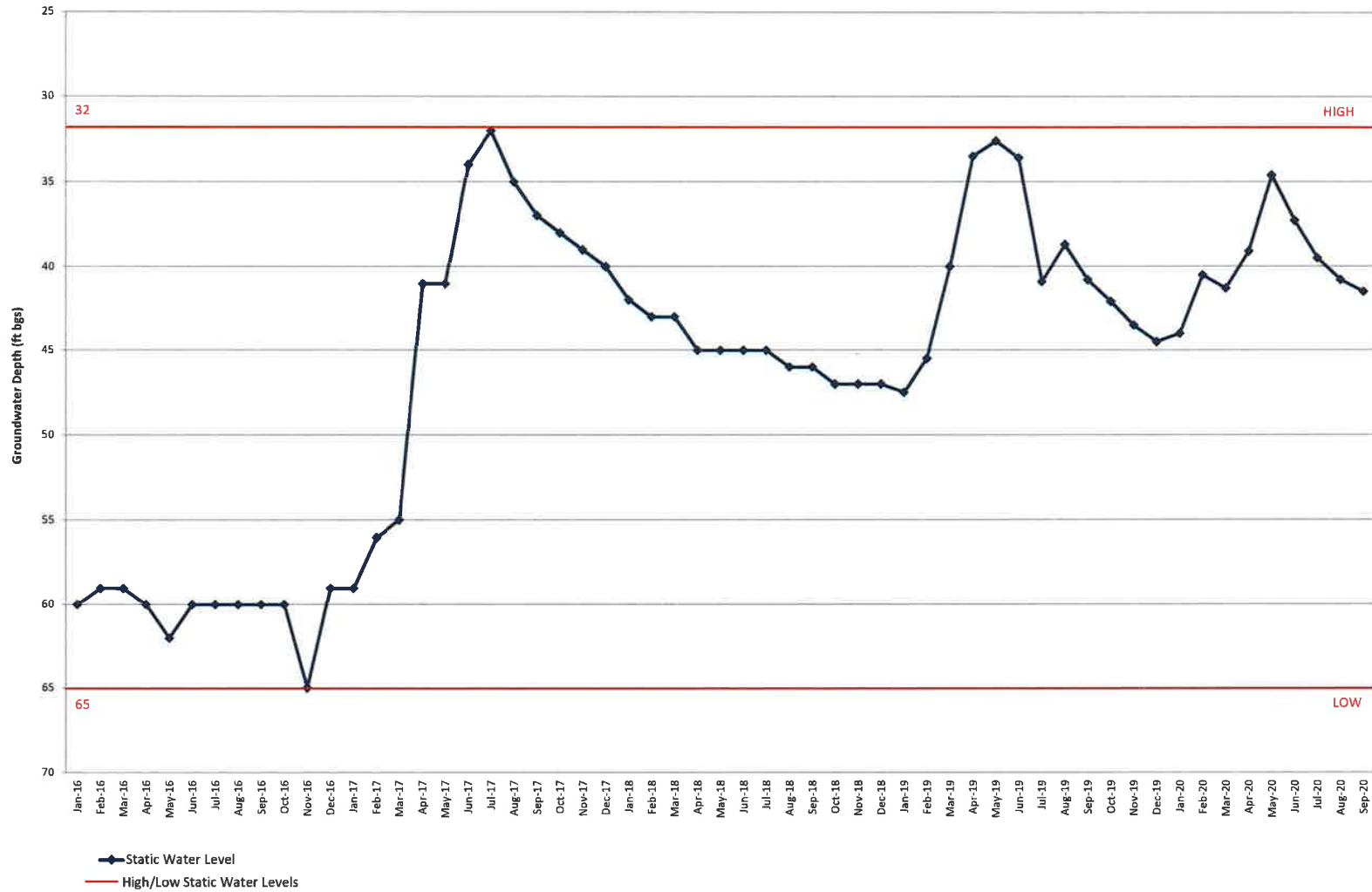
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**STATIC WATER LEVEL**



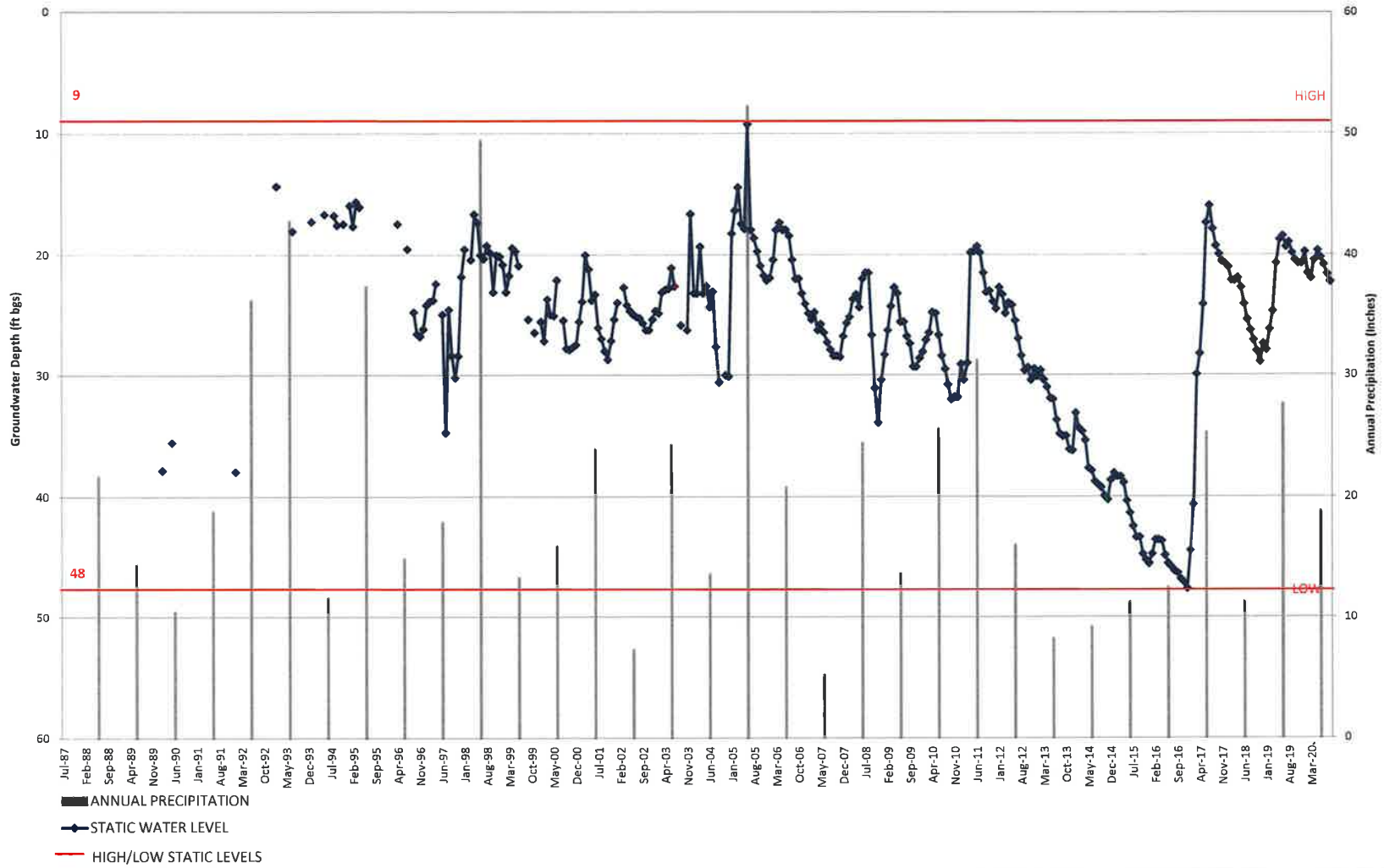
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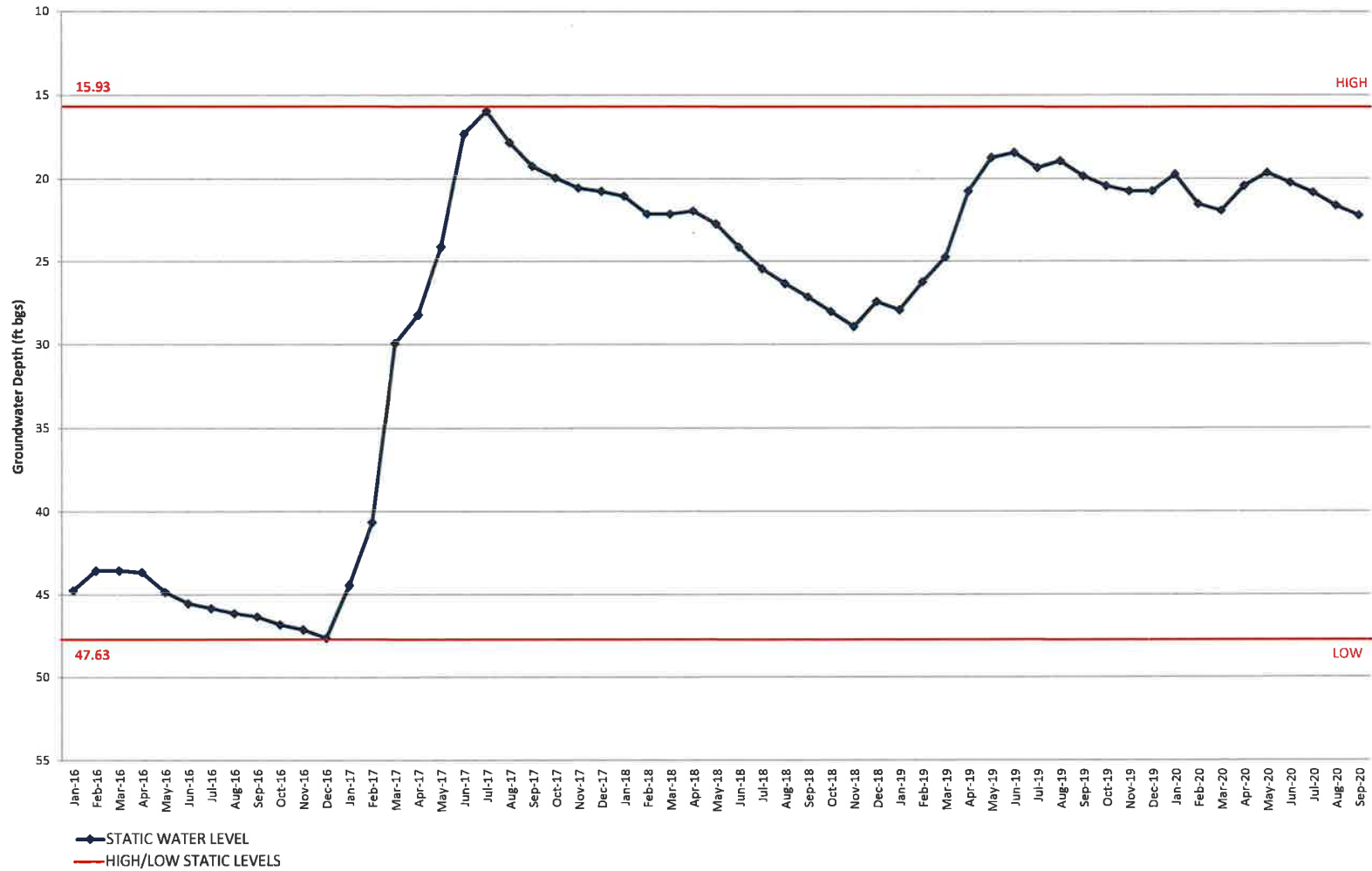
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**STATIC WATER LEVEL**



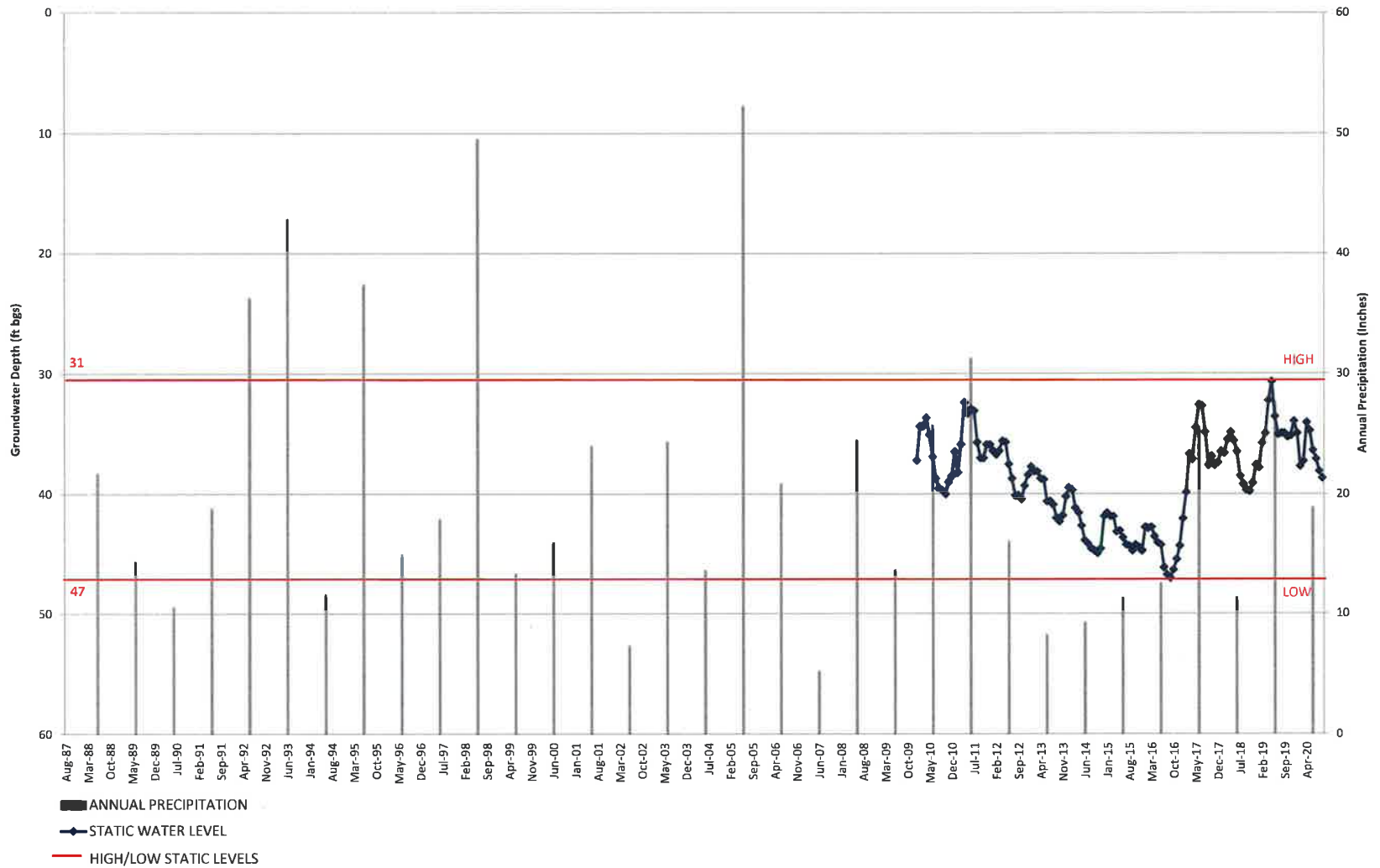
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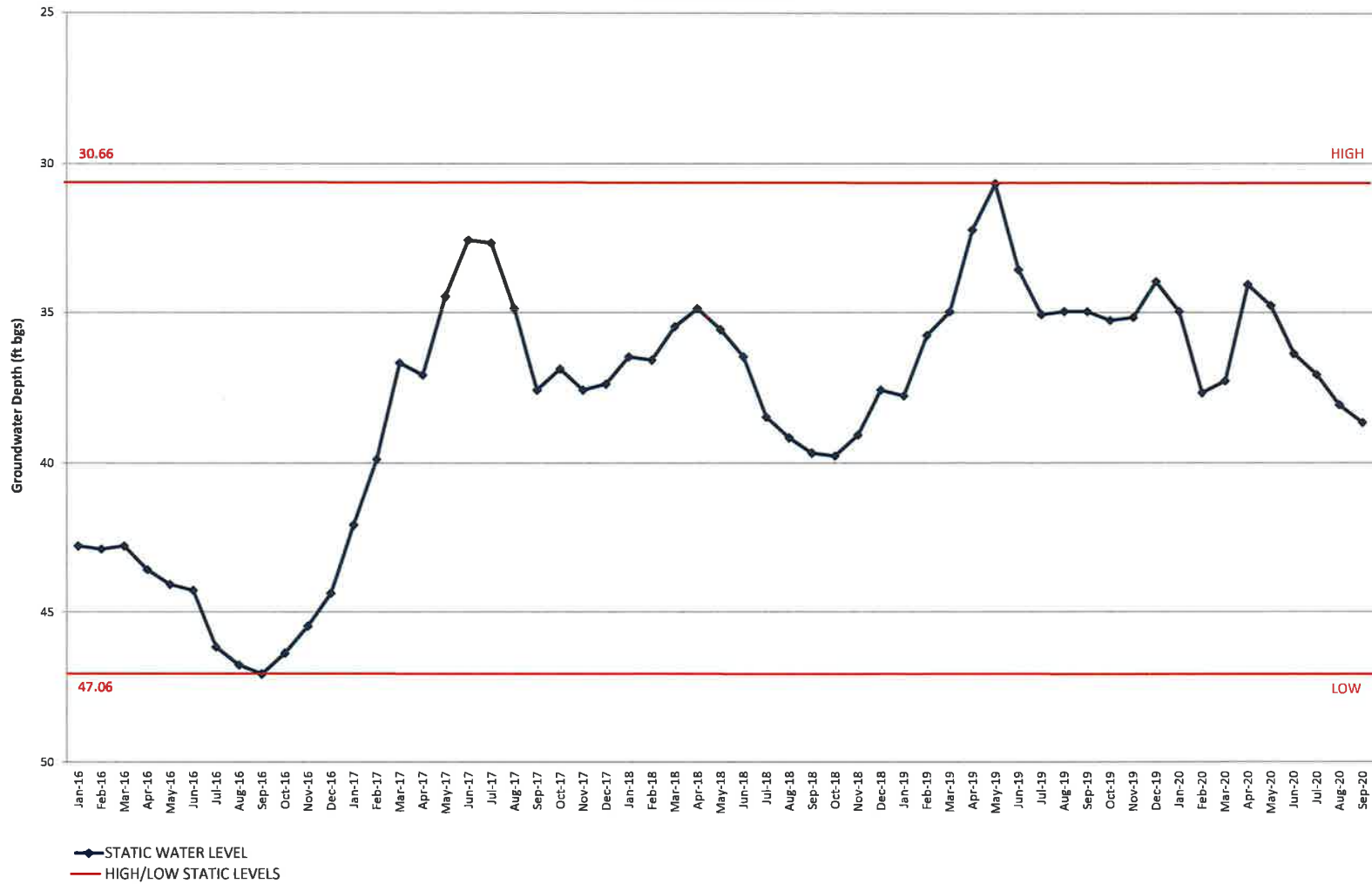
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**STATIC WATER LEVEL VS. PRECIPITATION**

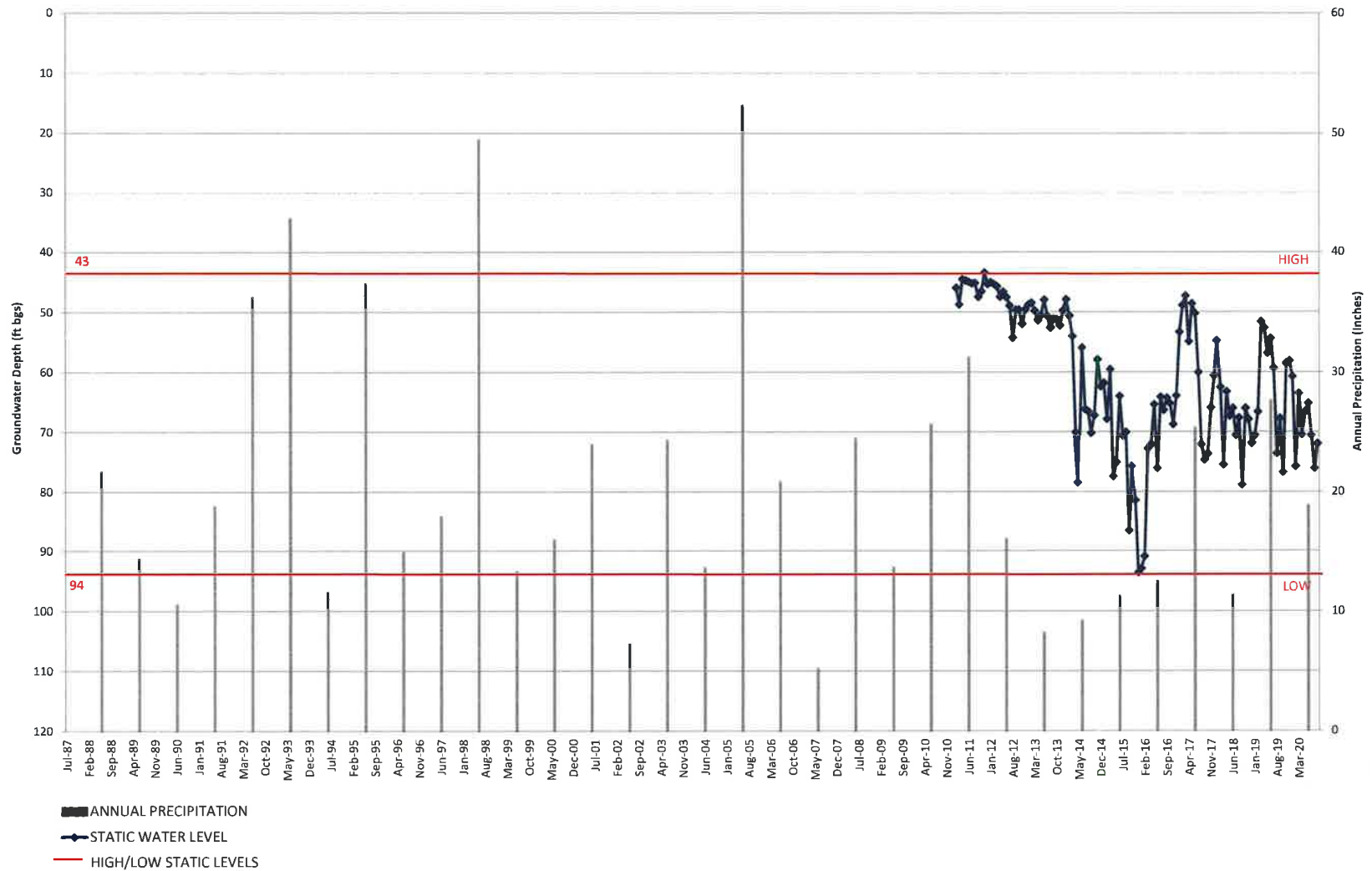


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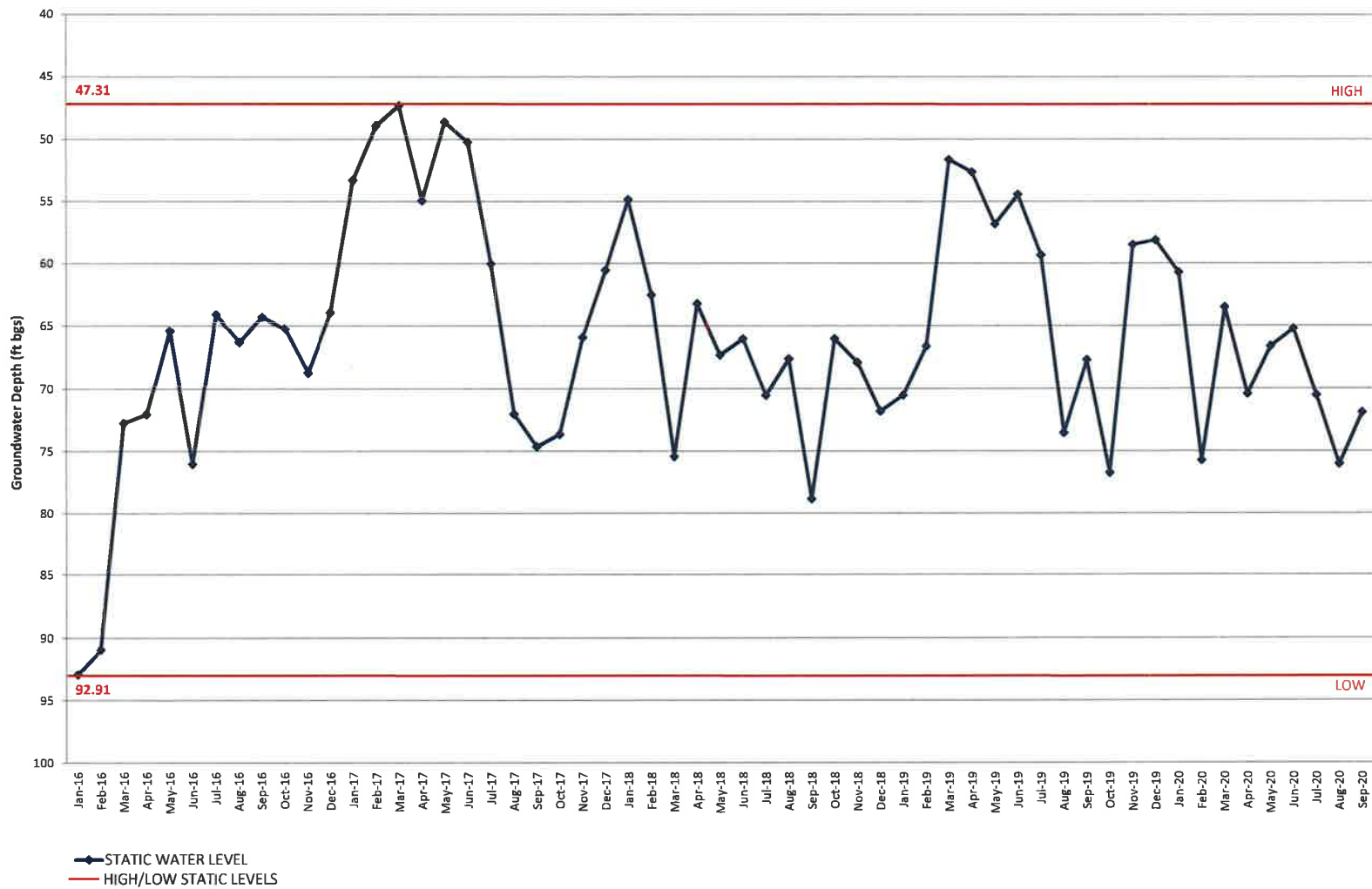




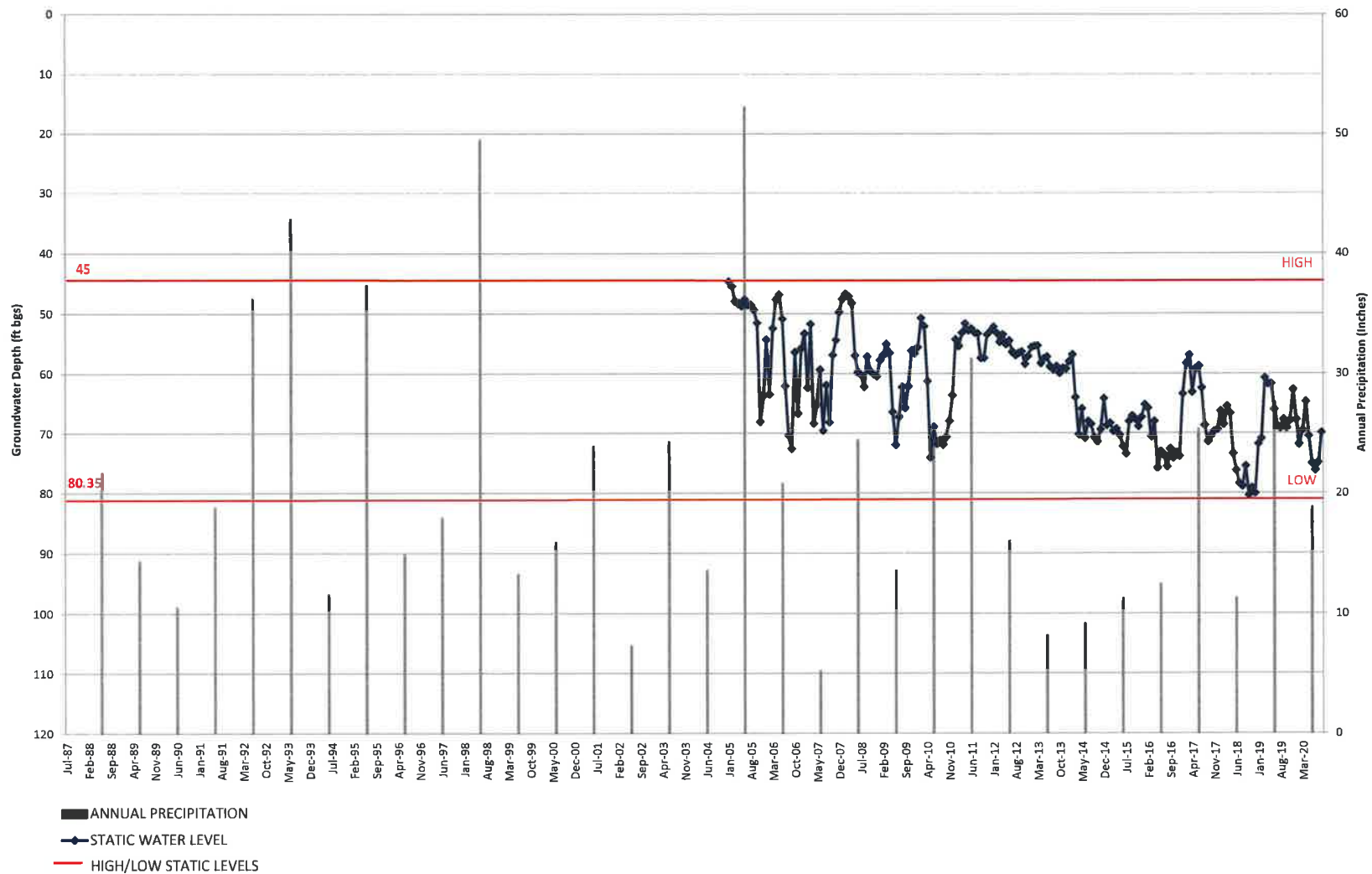
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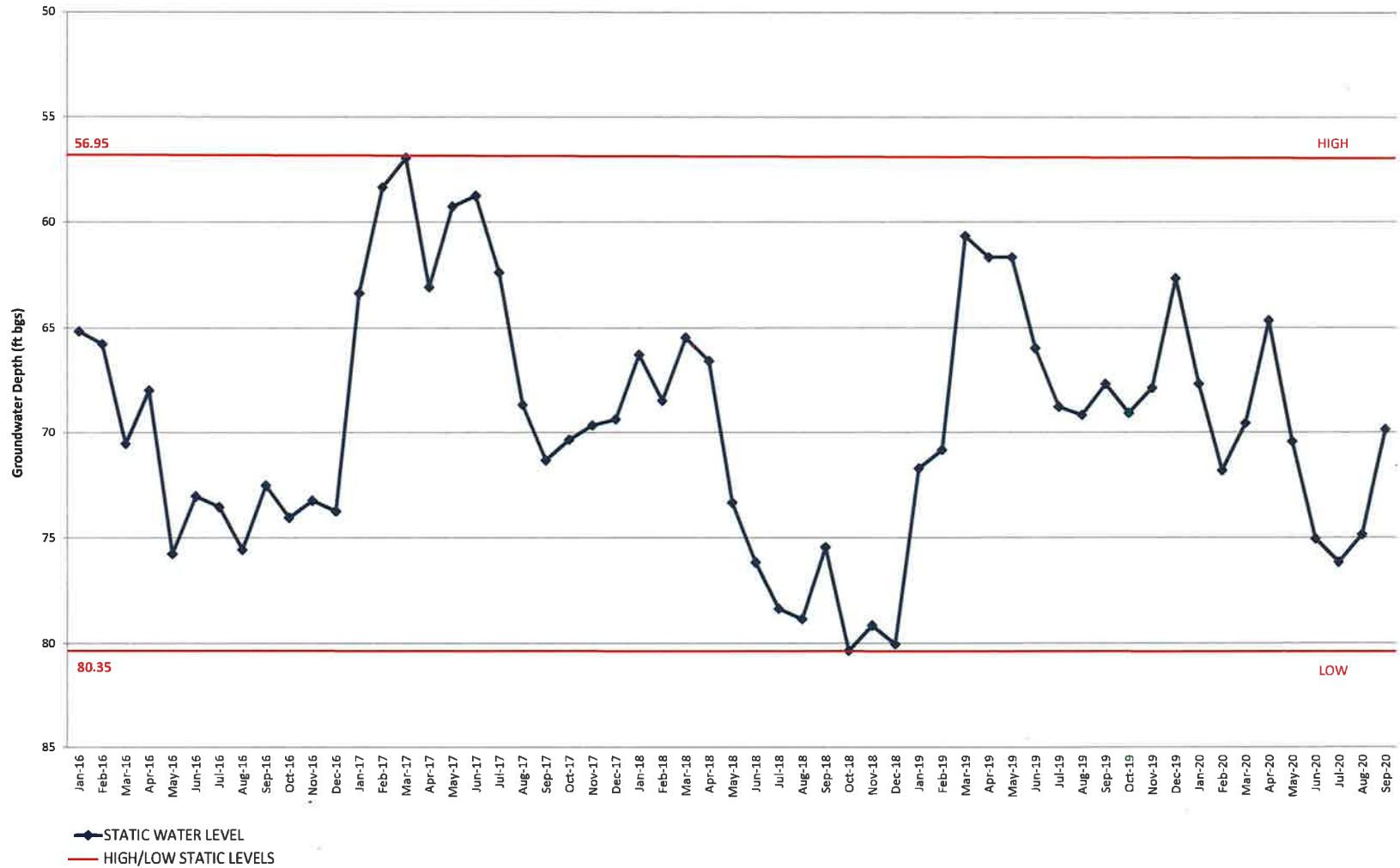
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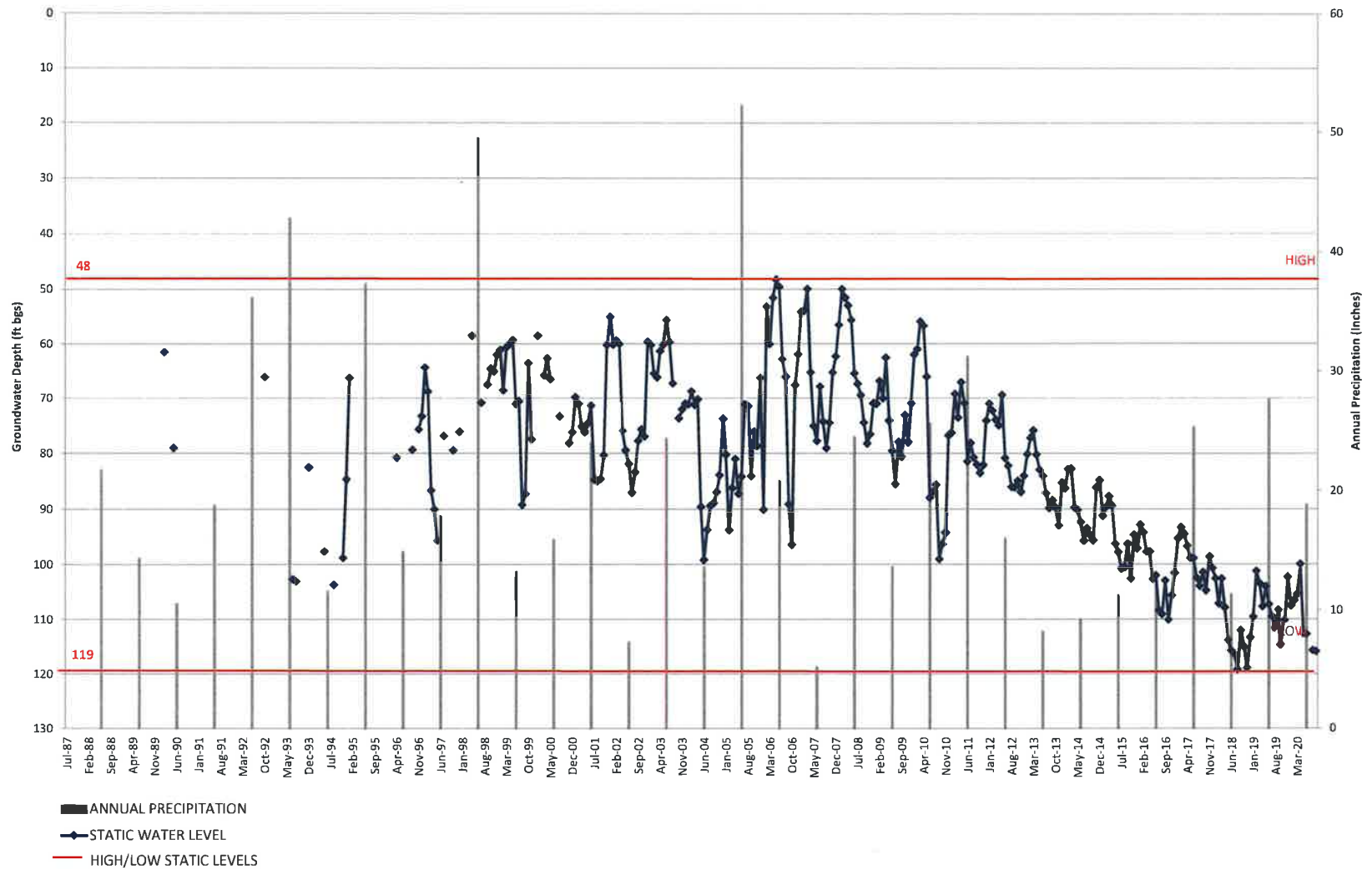
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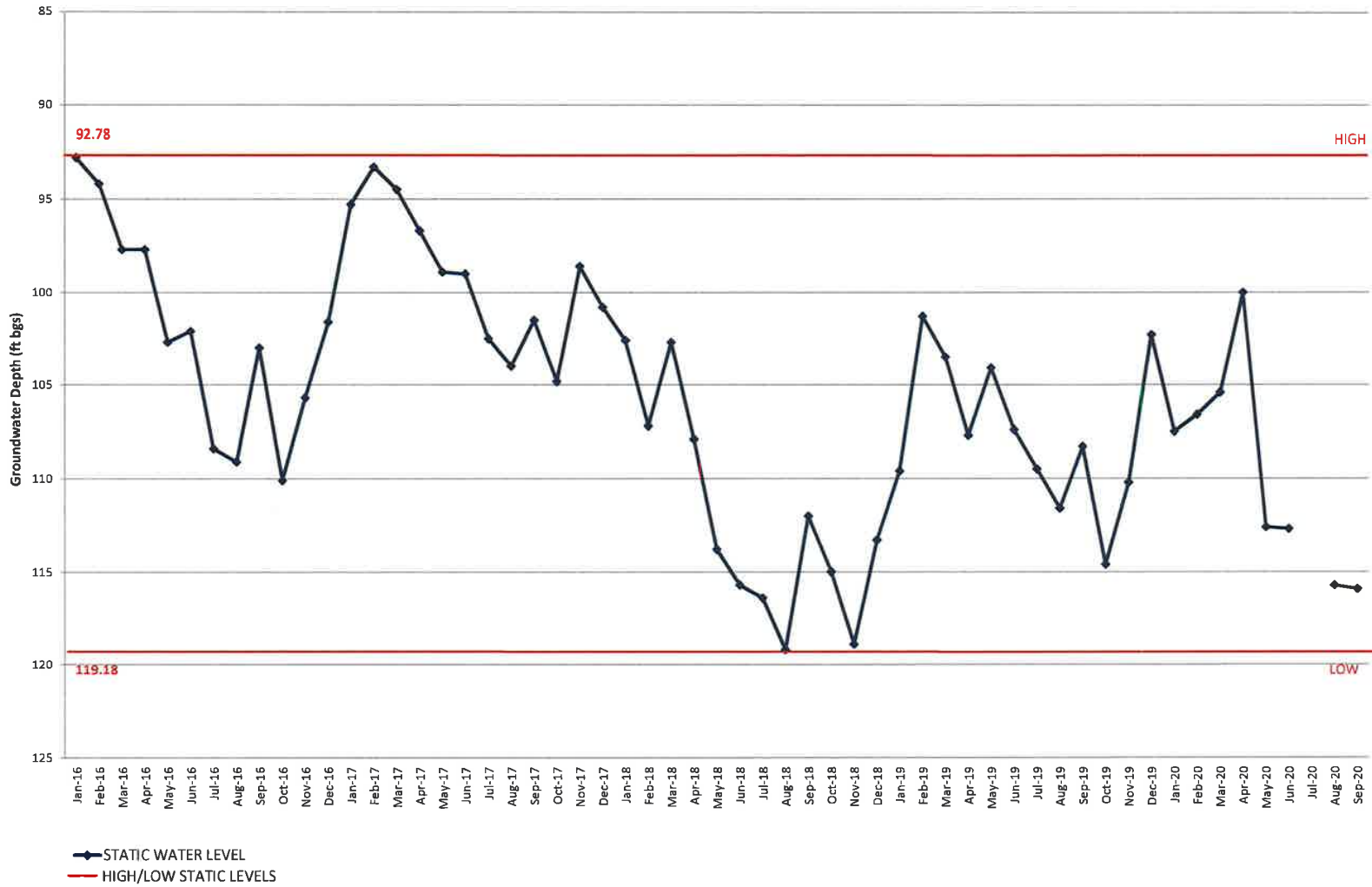
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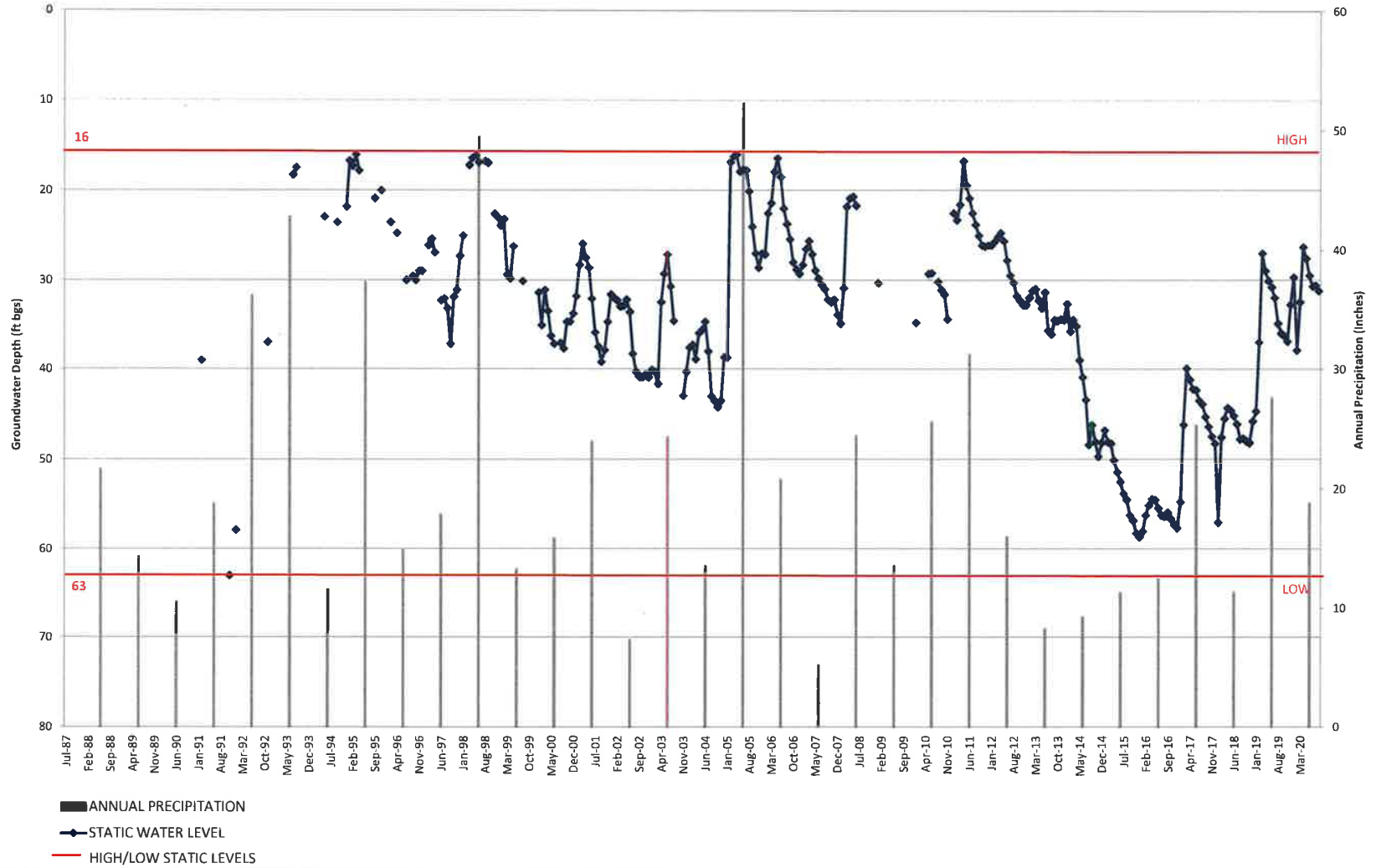
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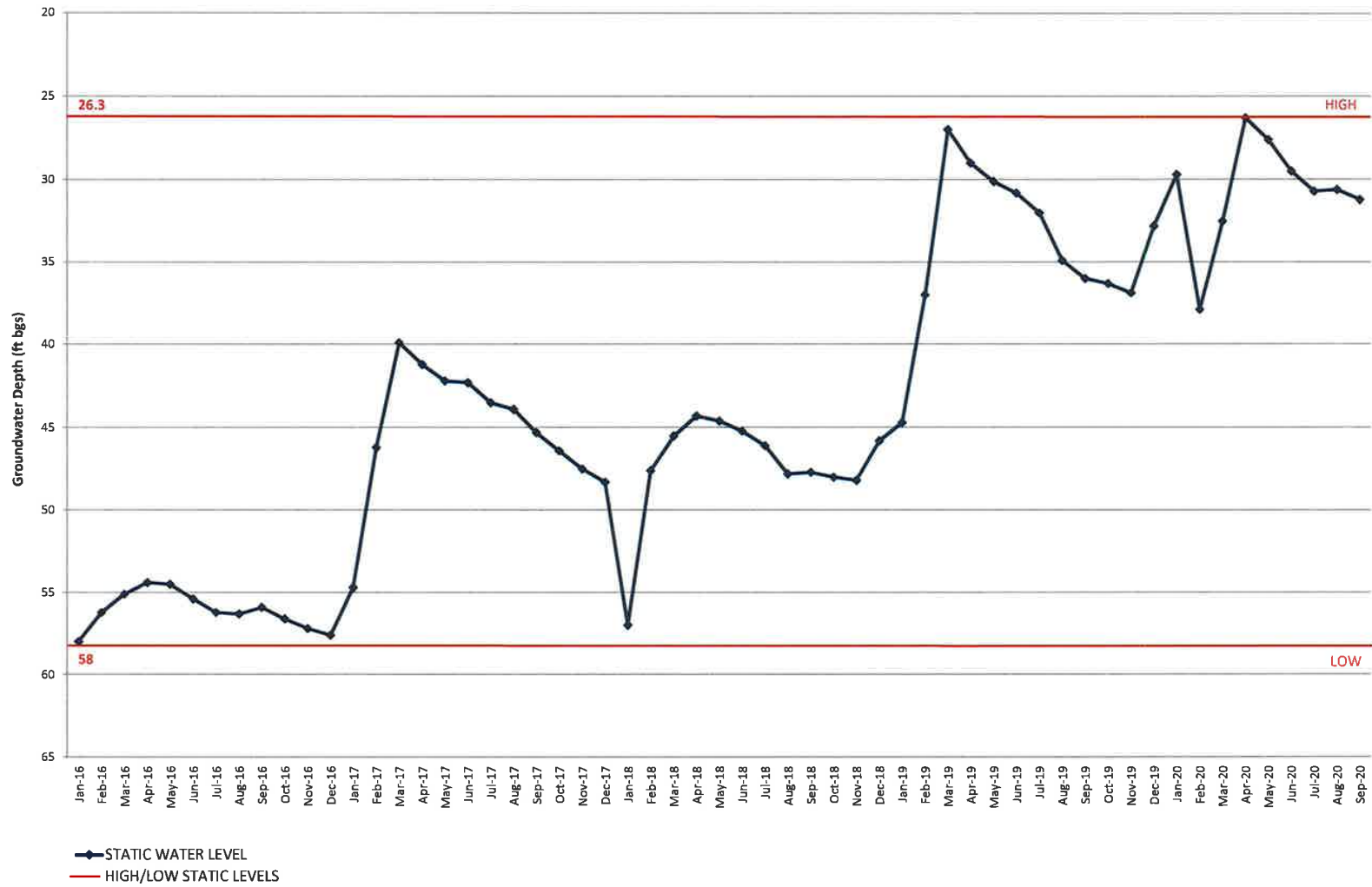
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**SCV WATER WELL W9**  
**STATIC WATER LEVEL VS PRECIPITATION**

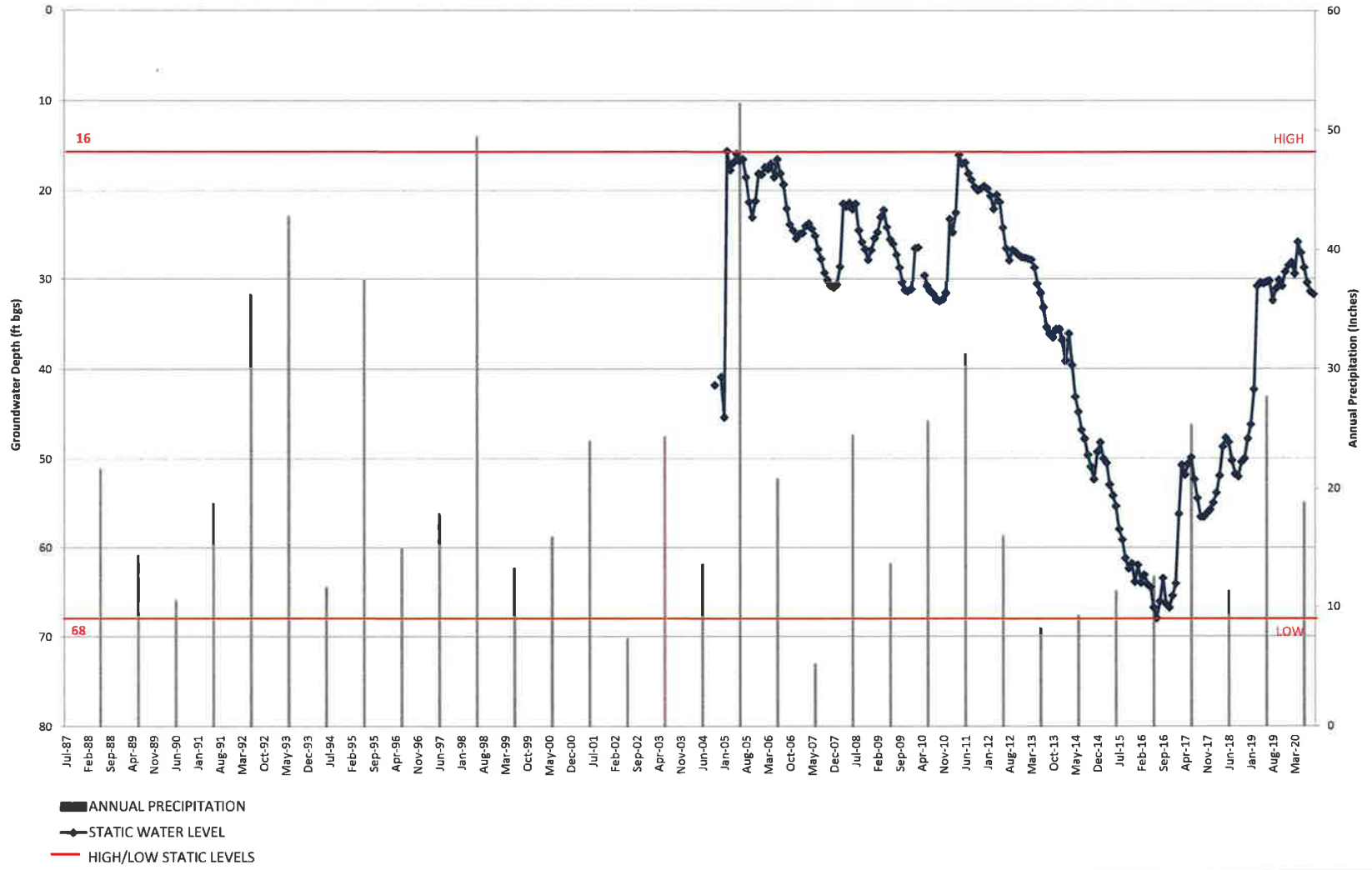


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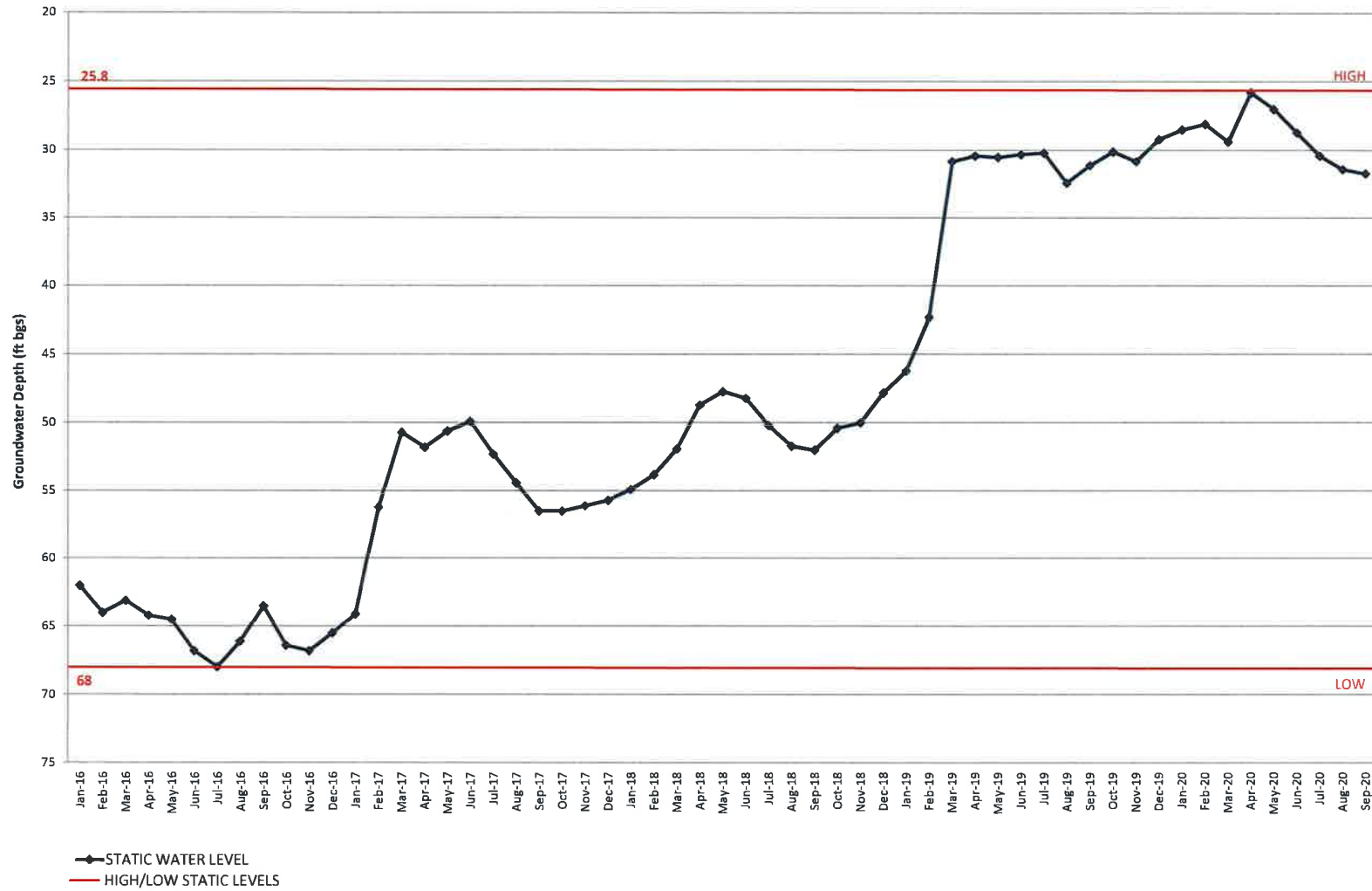




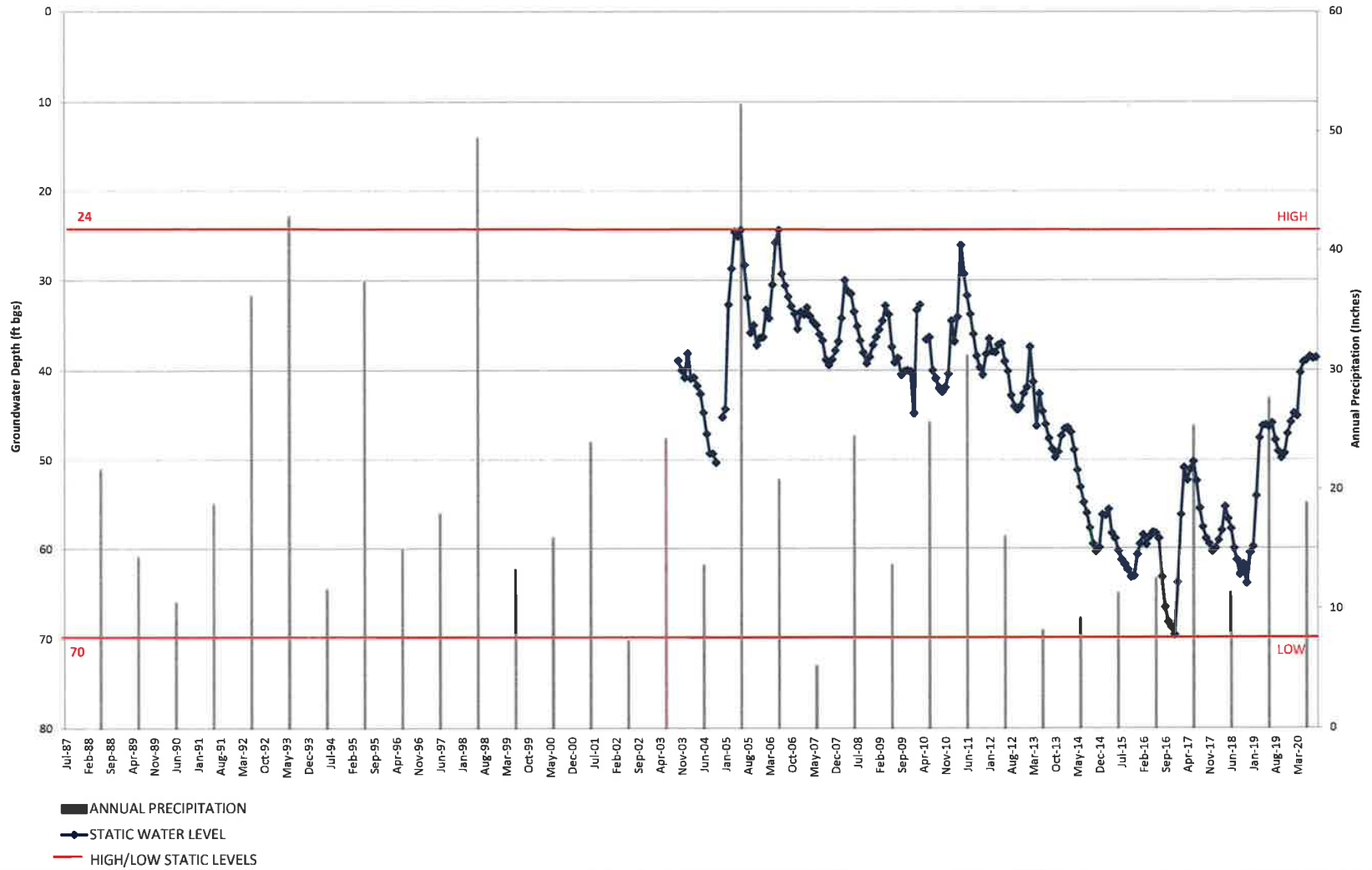
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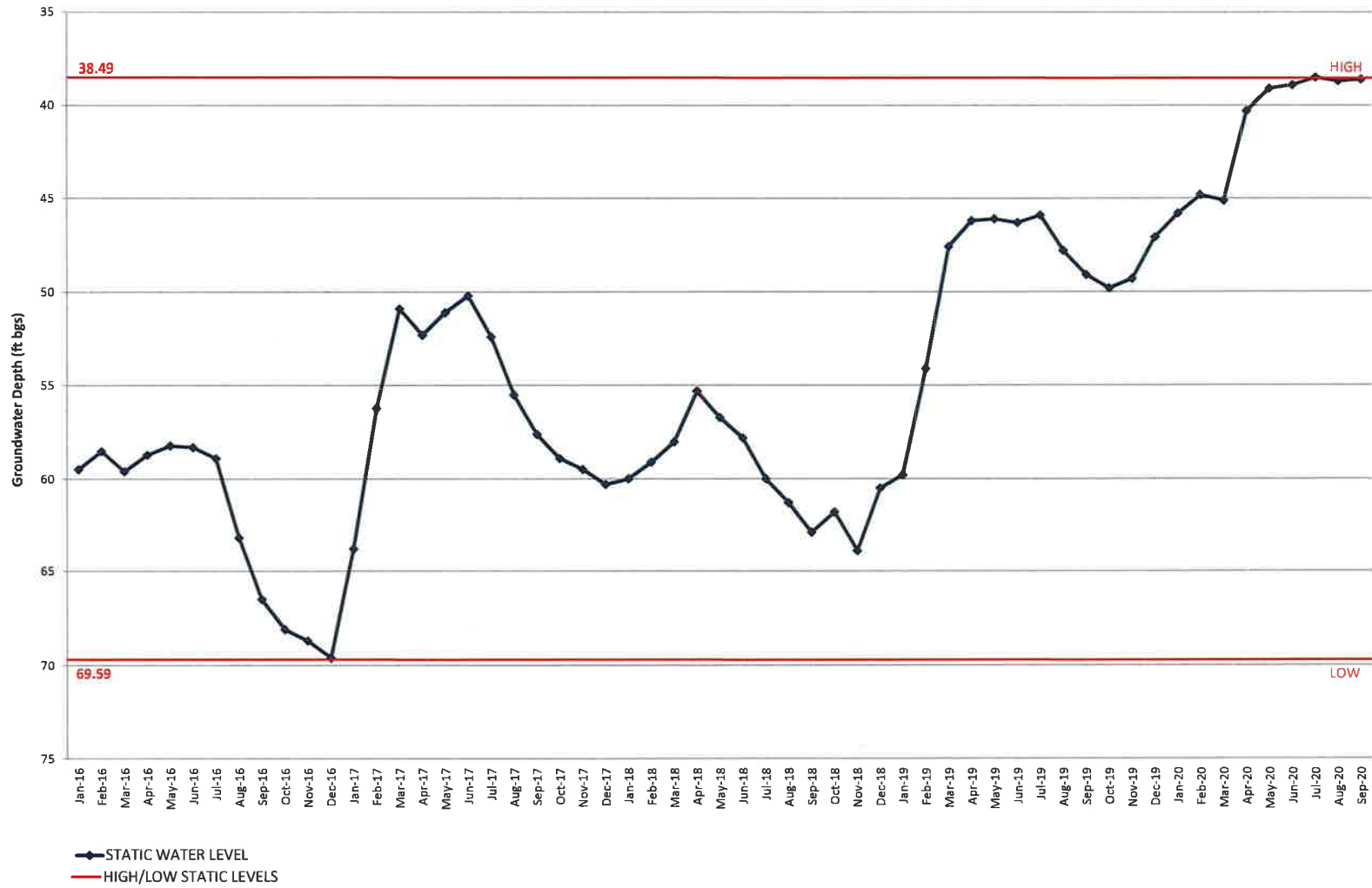
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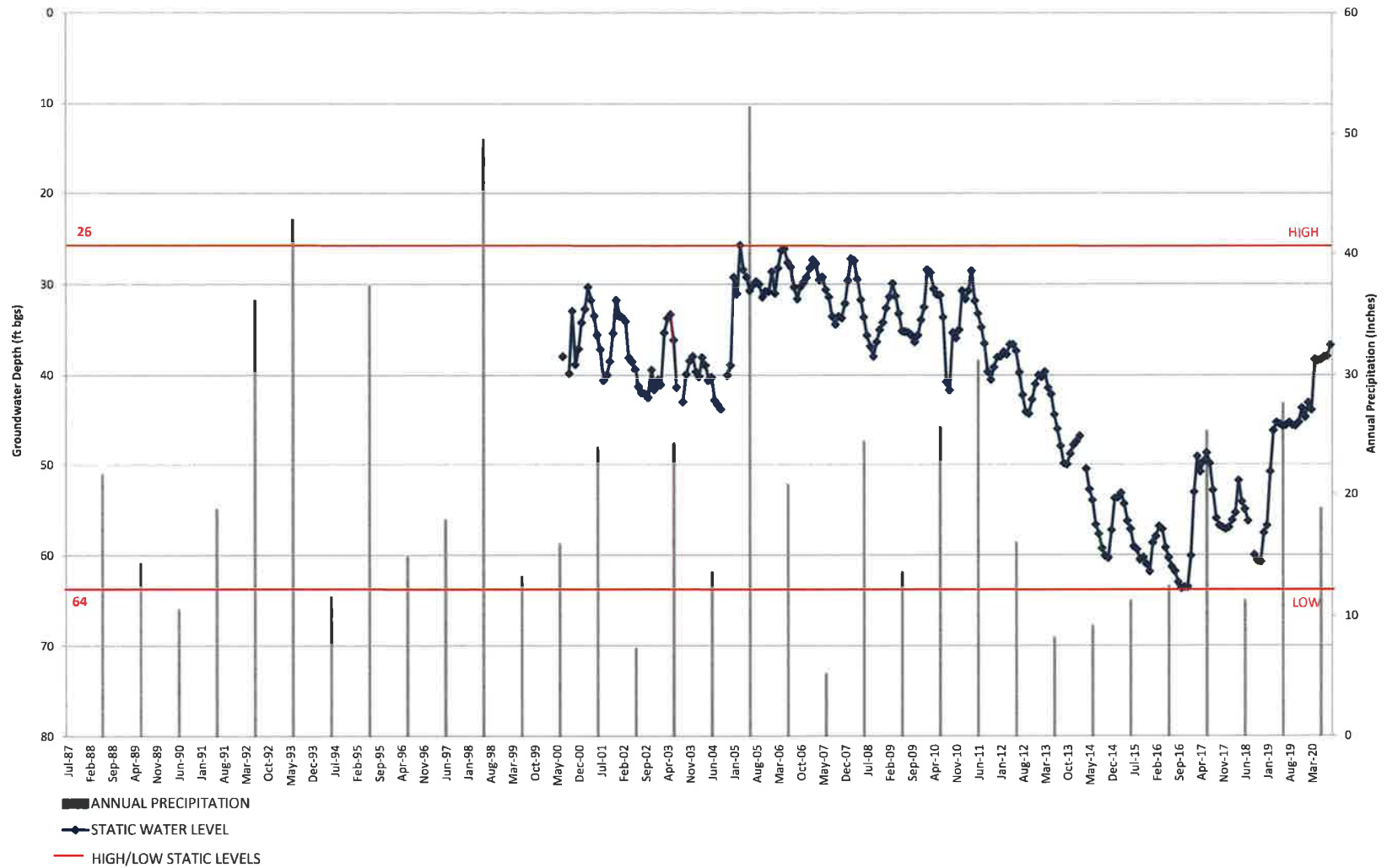
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**STATIC WATER LEVEL VS PRECIPITATION**



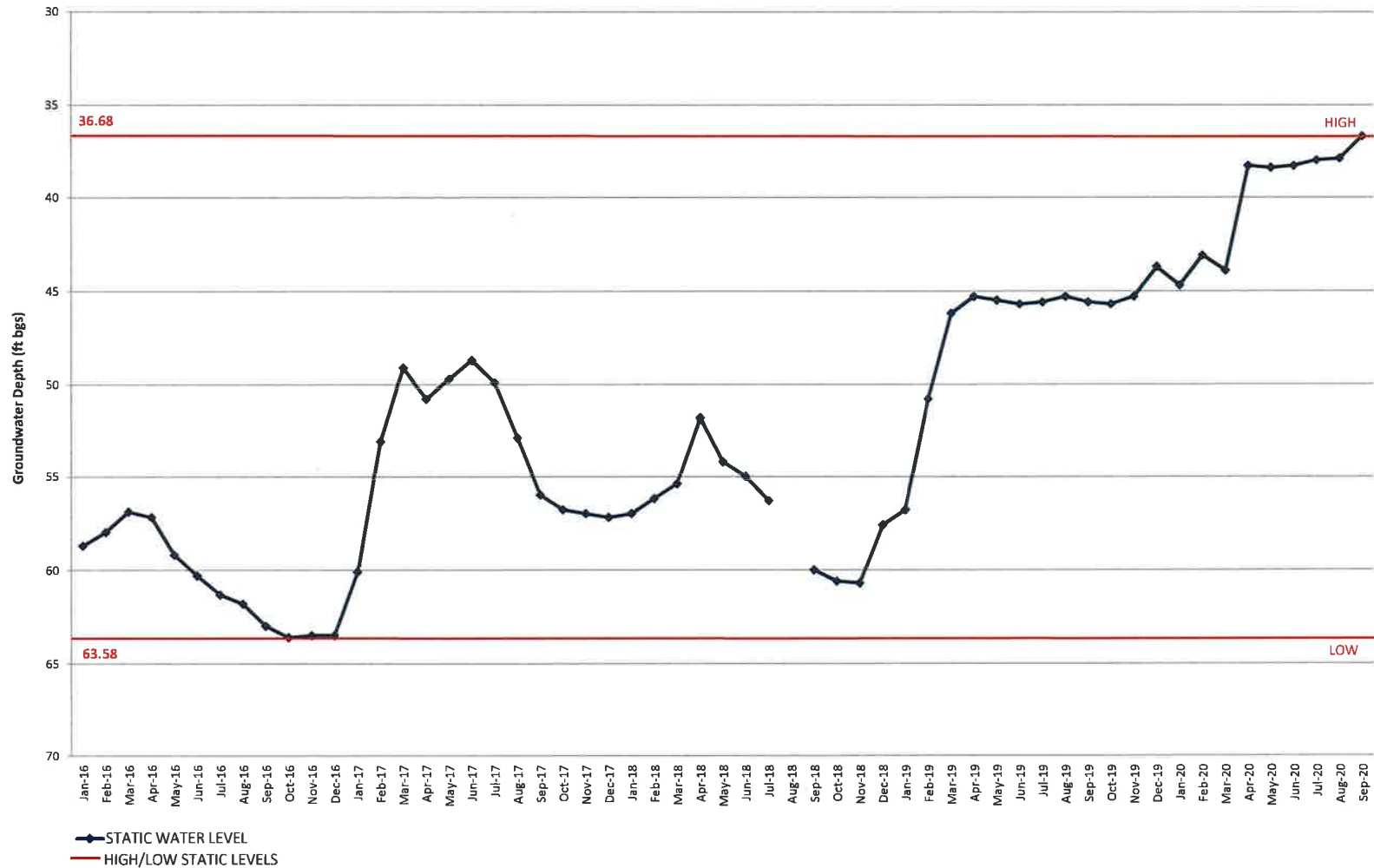
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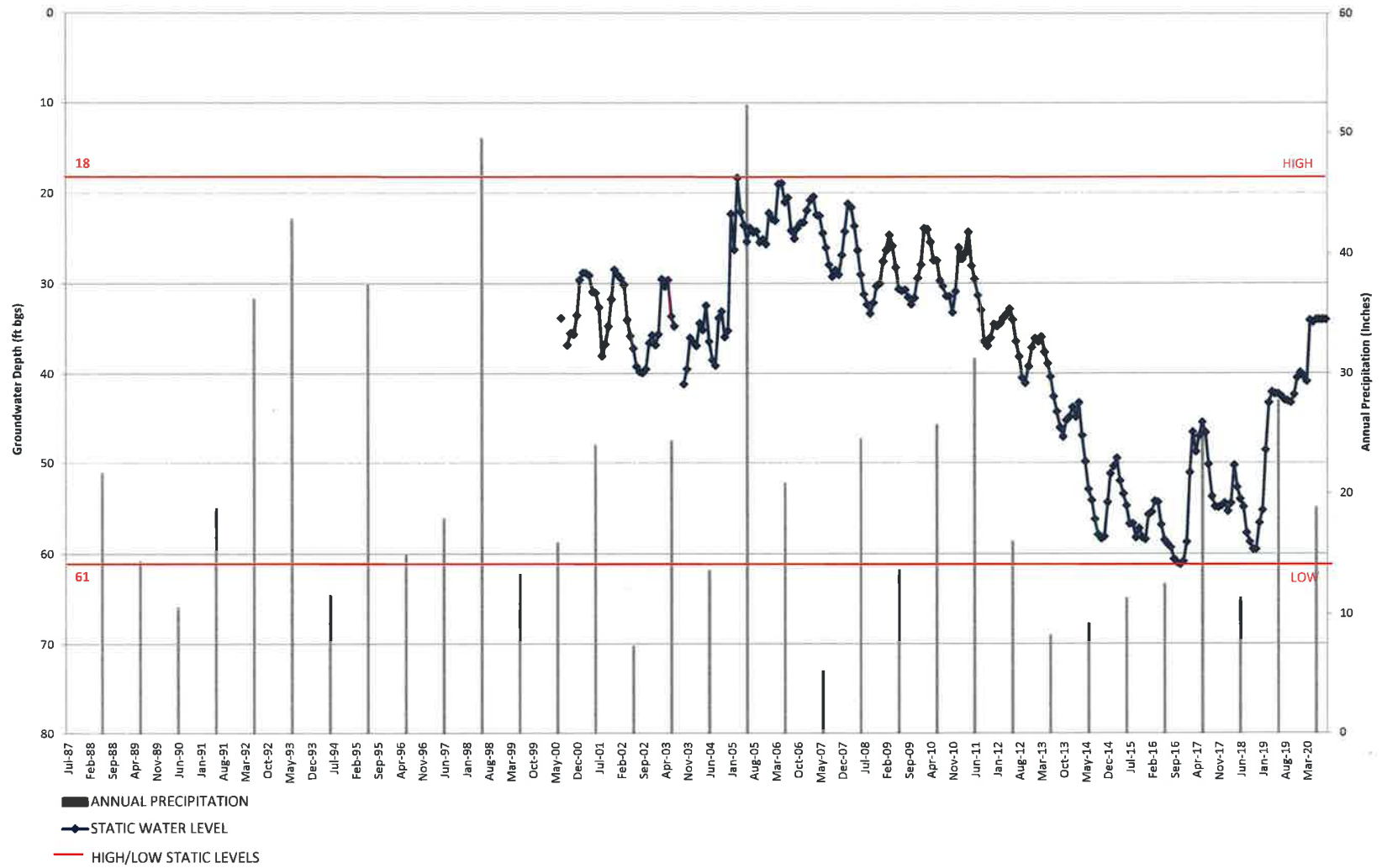
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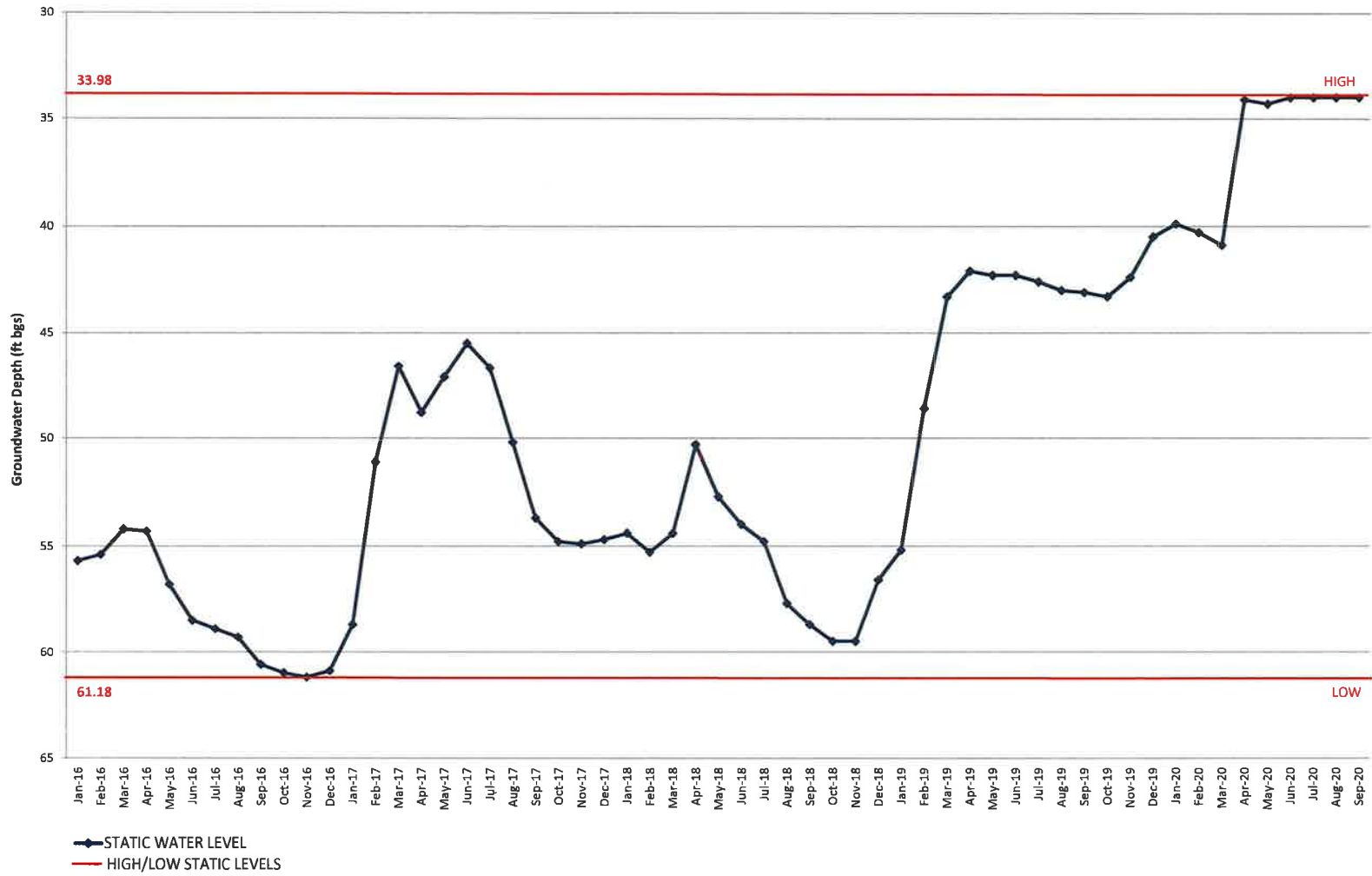
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**SCV WATER WELL S7**  
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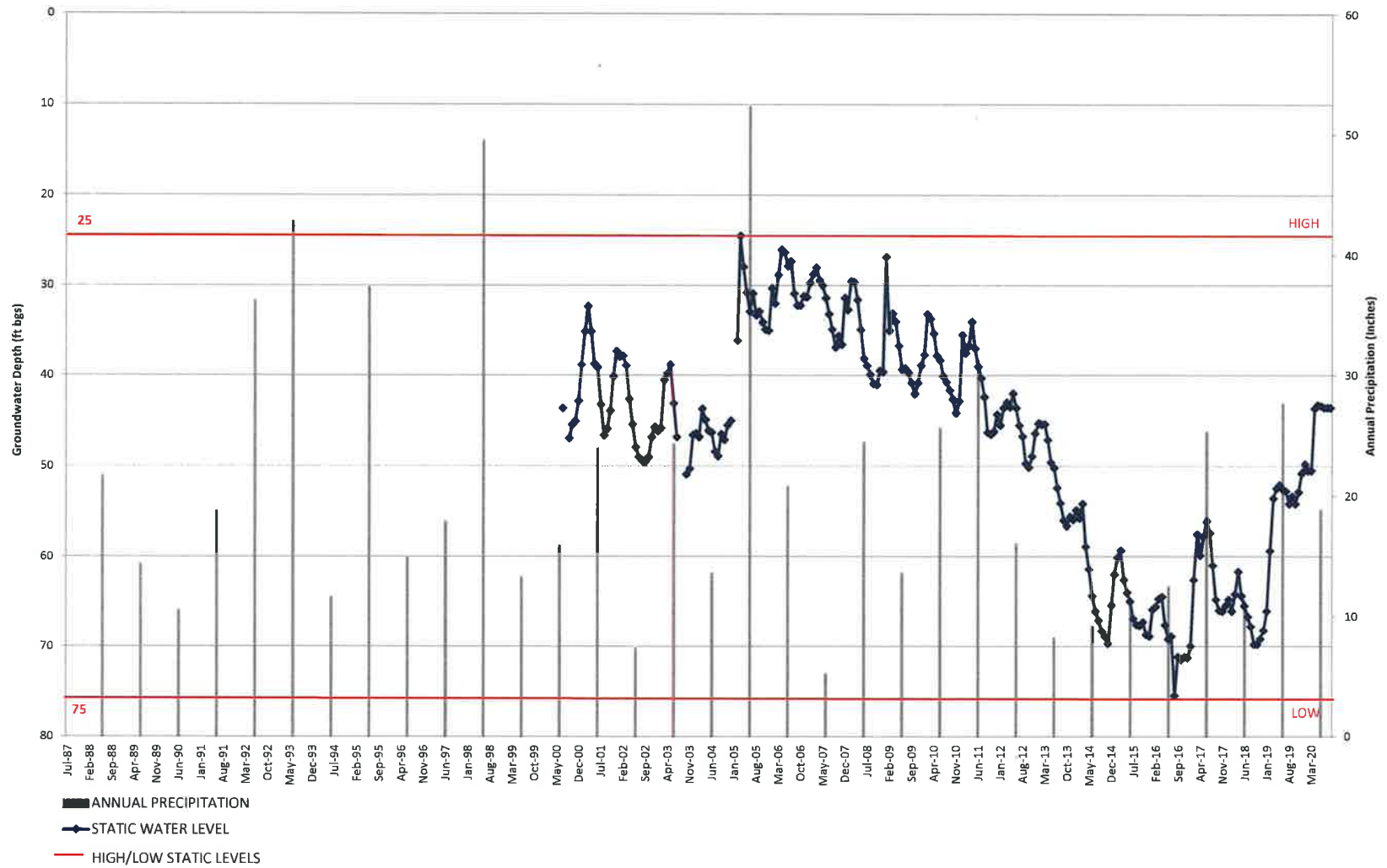


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**STATIC WATER LEVEL**

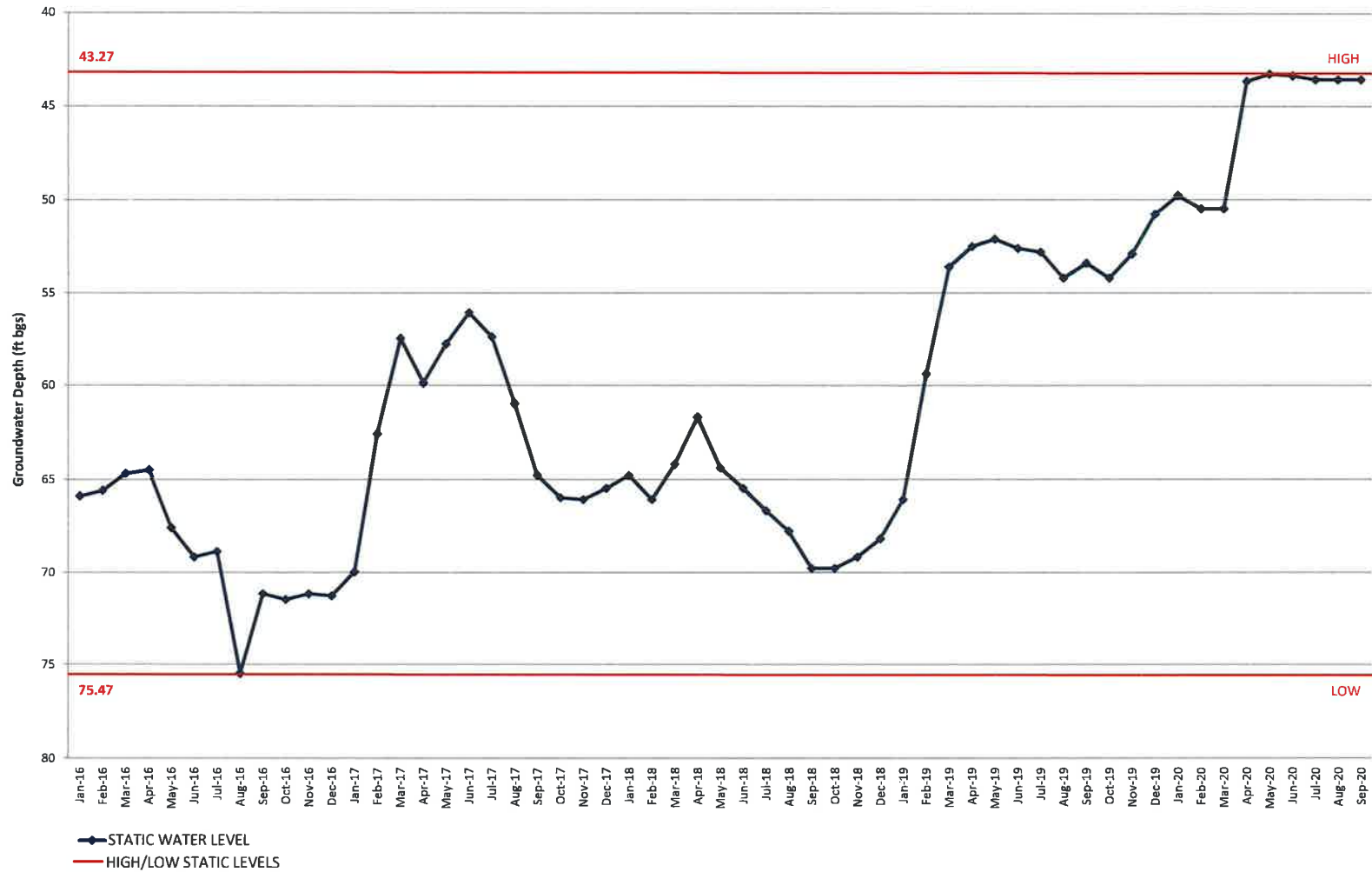




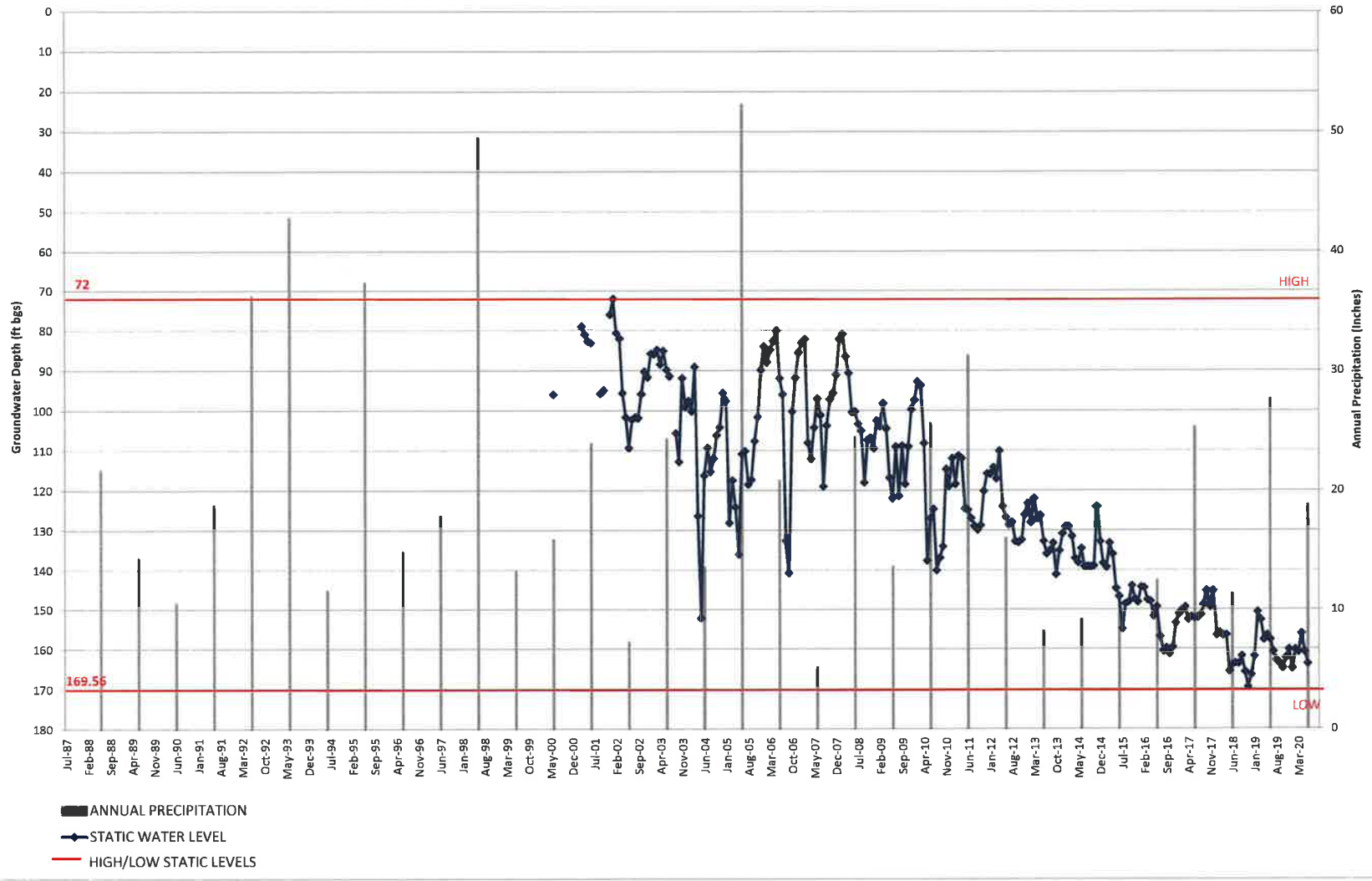
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**SCV WATER WELL S8**  
**STATIC WATER LEVEL**



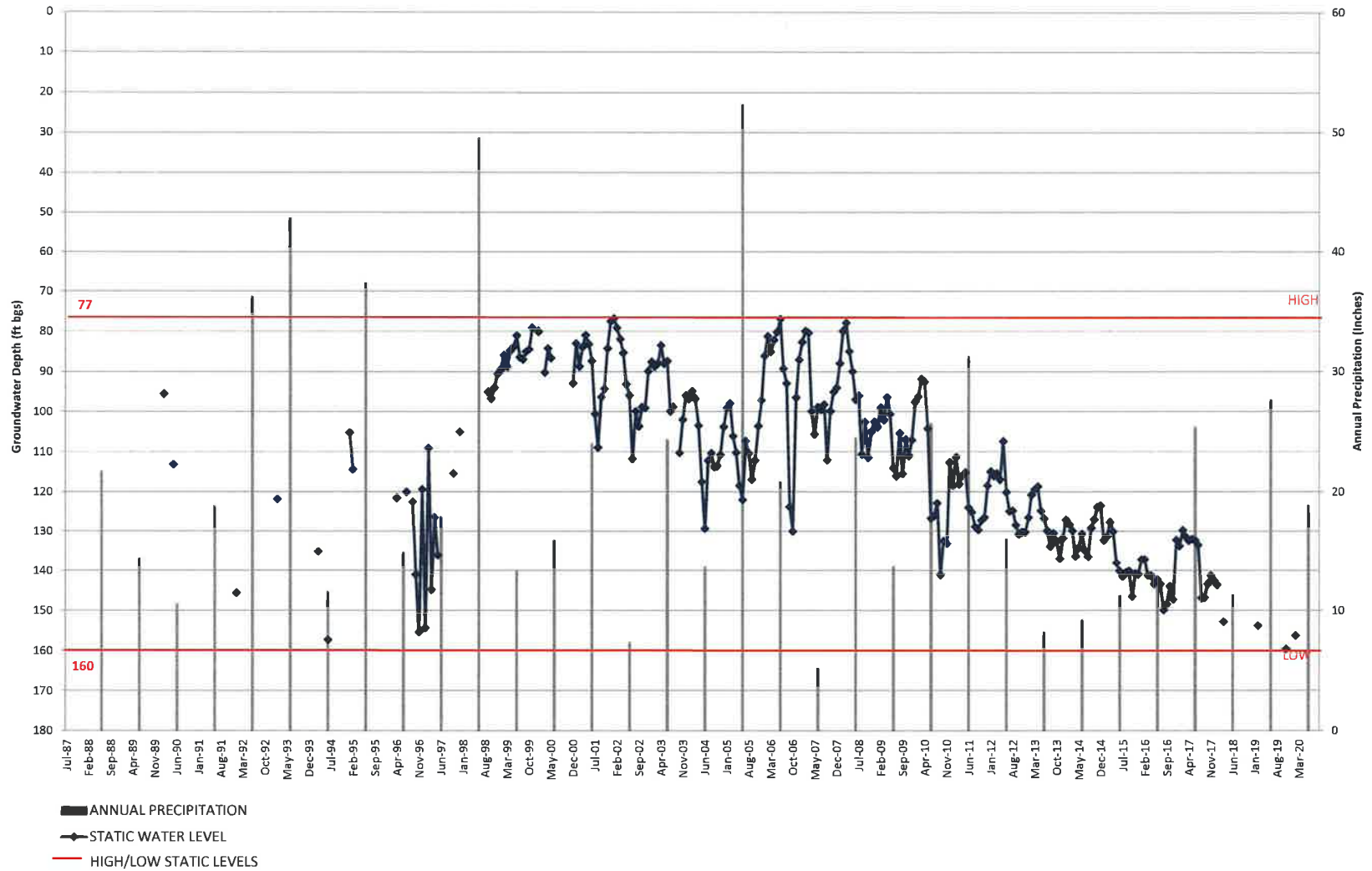
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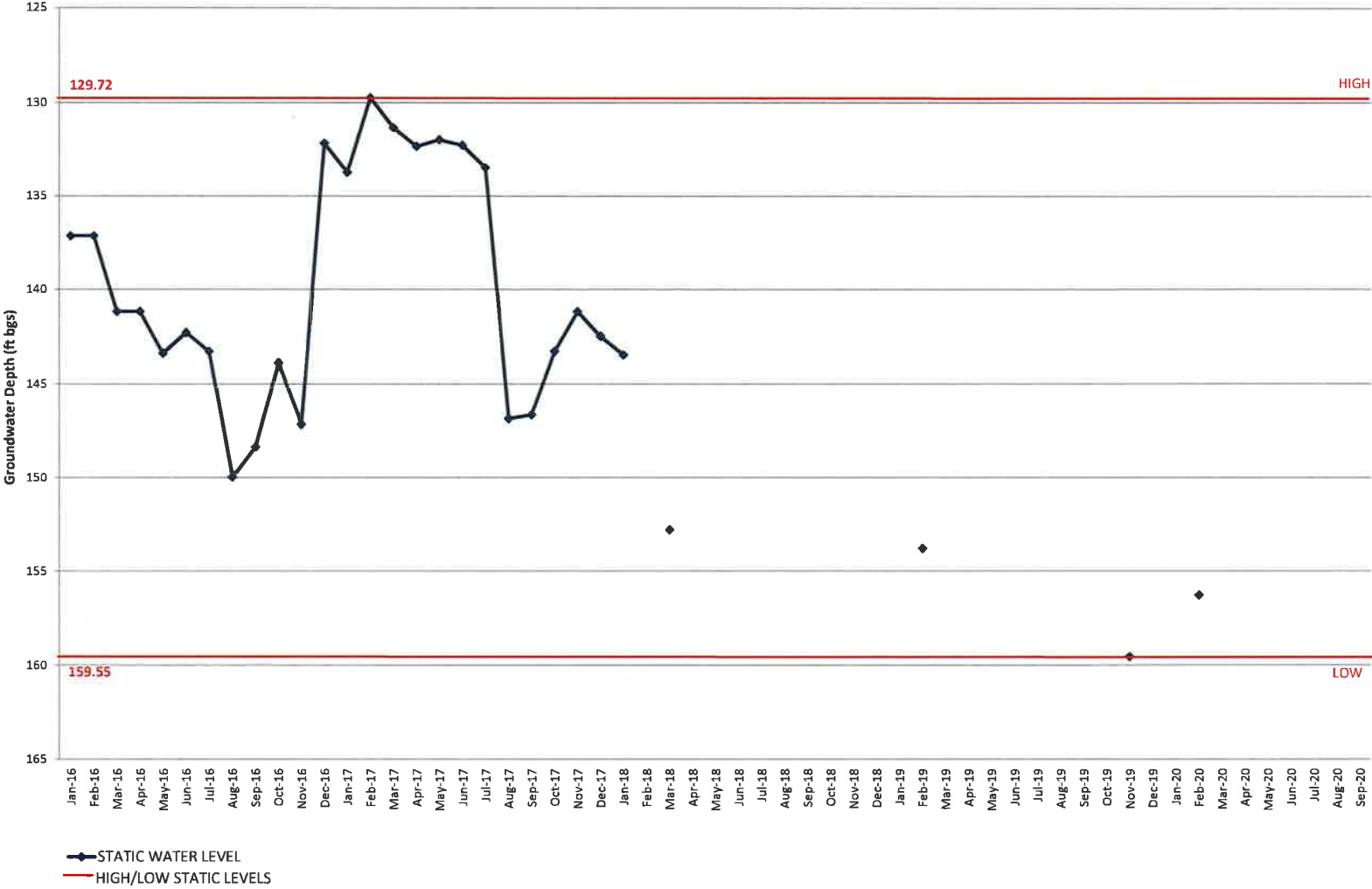
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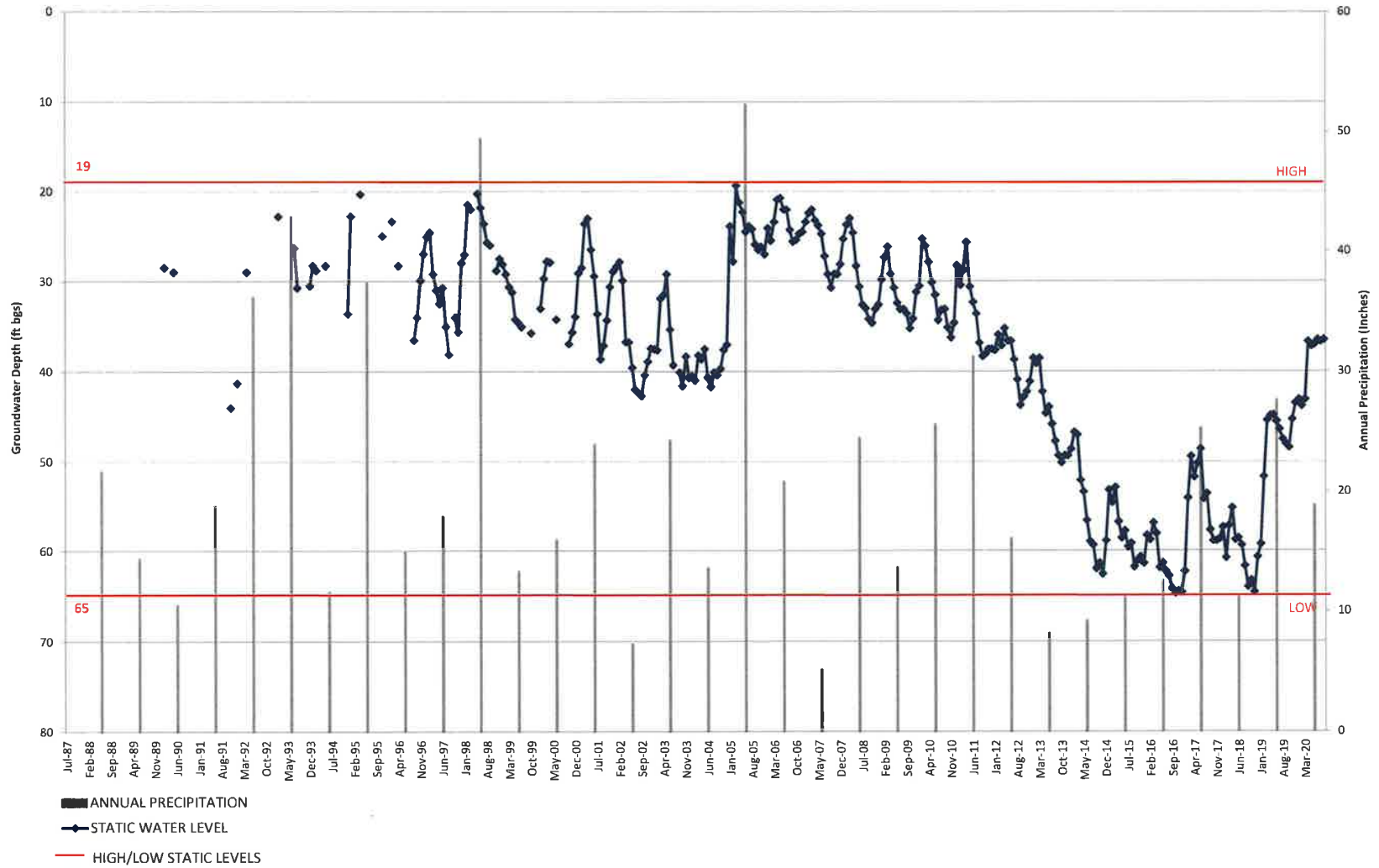
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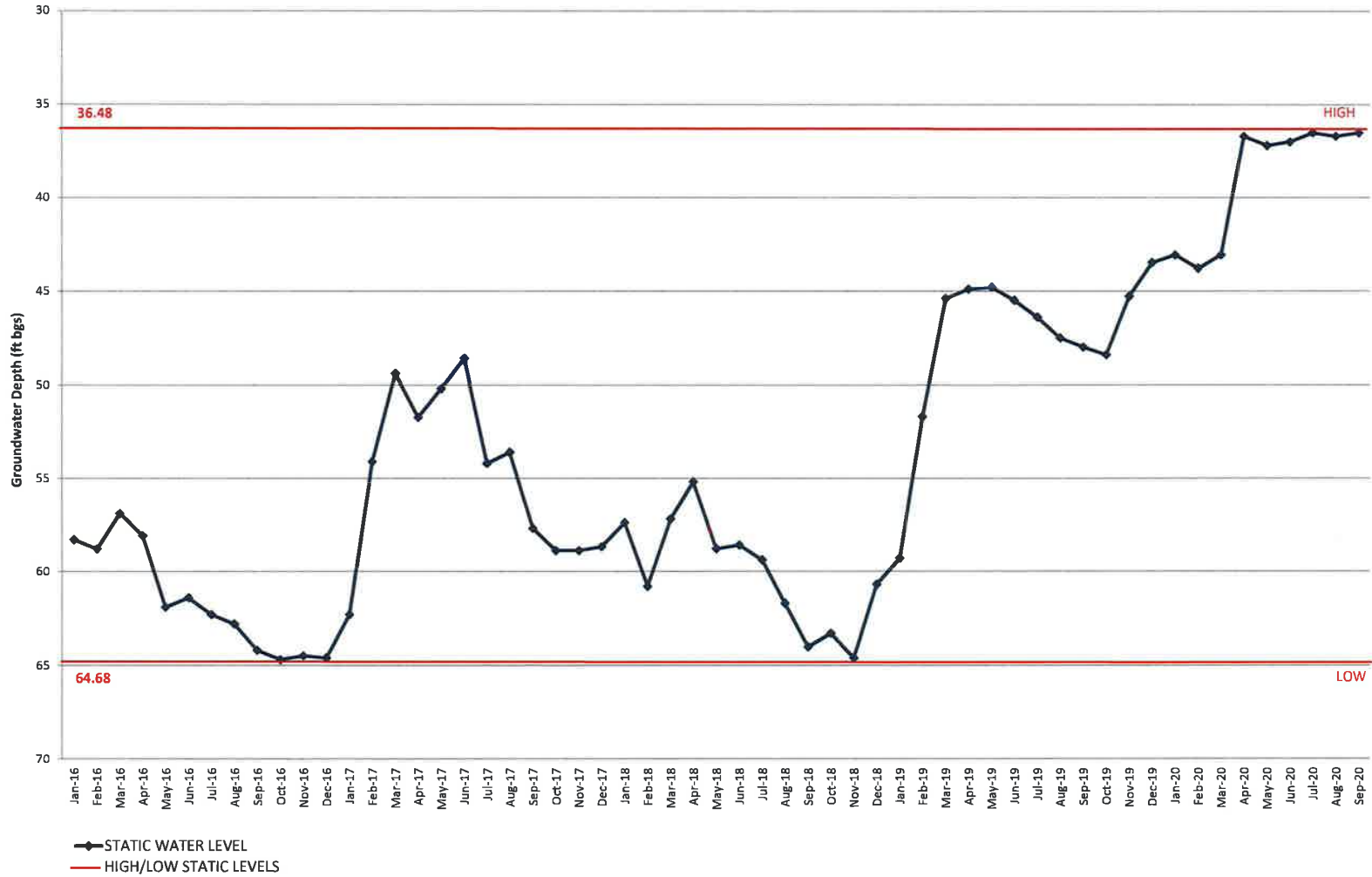
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**STATIC WATER LEVEL**



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

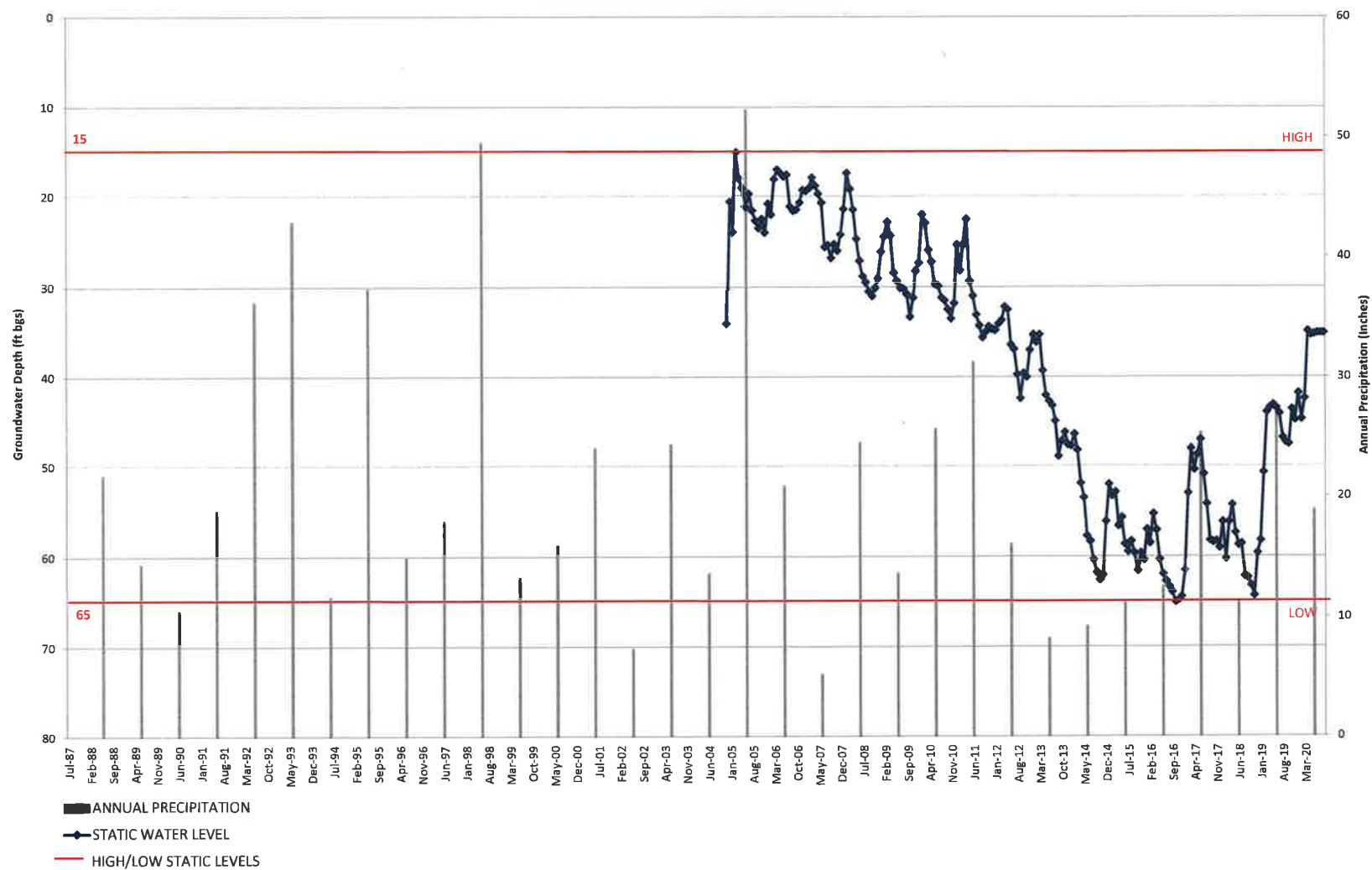


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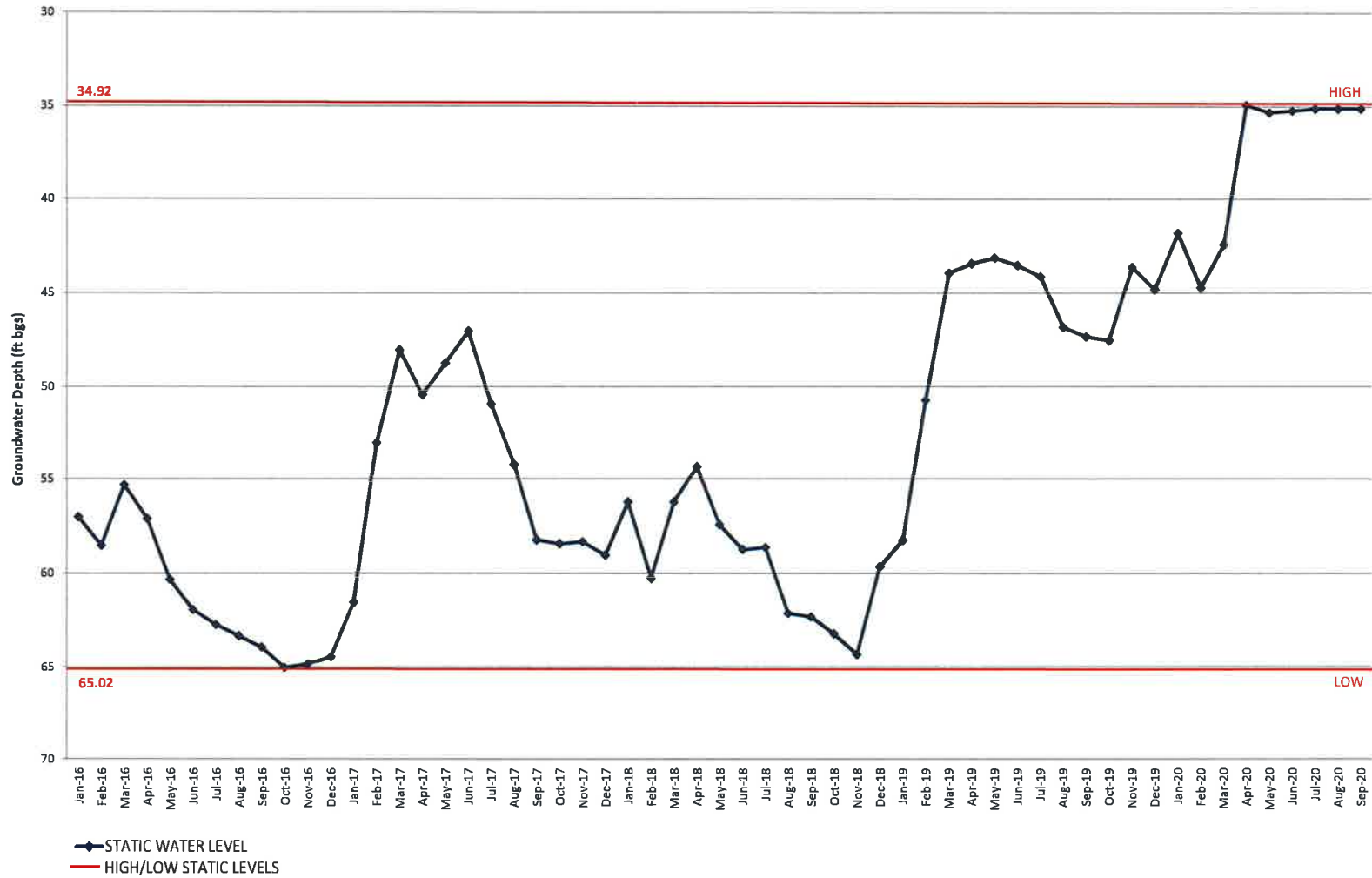




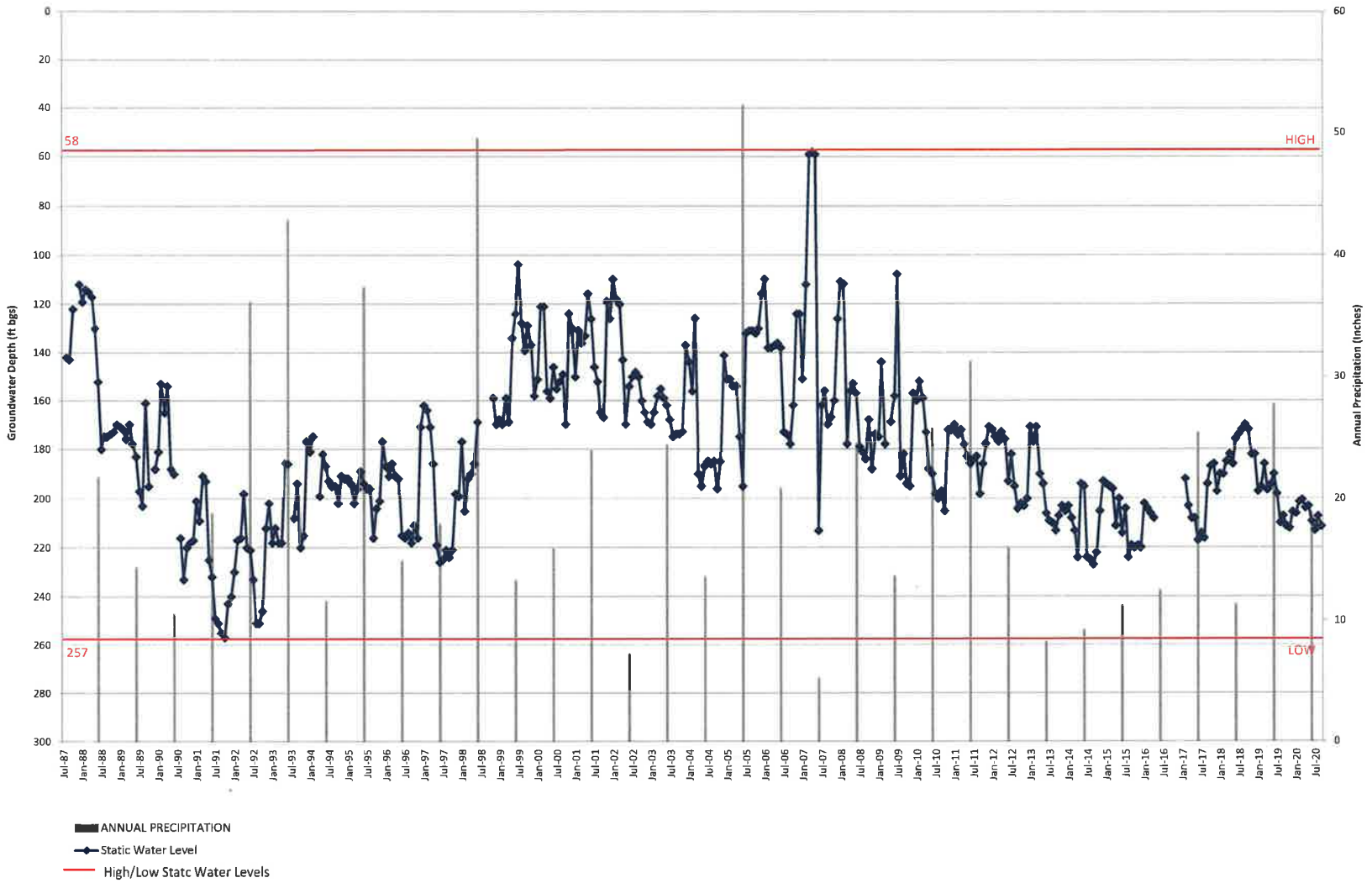
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**STATIC WATER LEVEL VS PRECIPITATION**



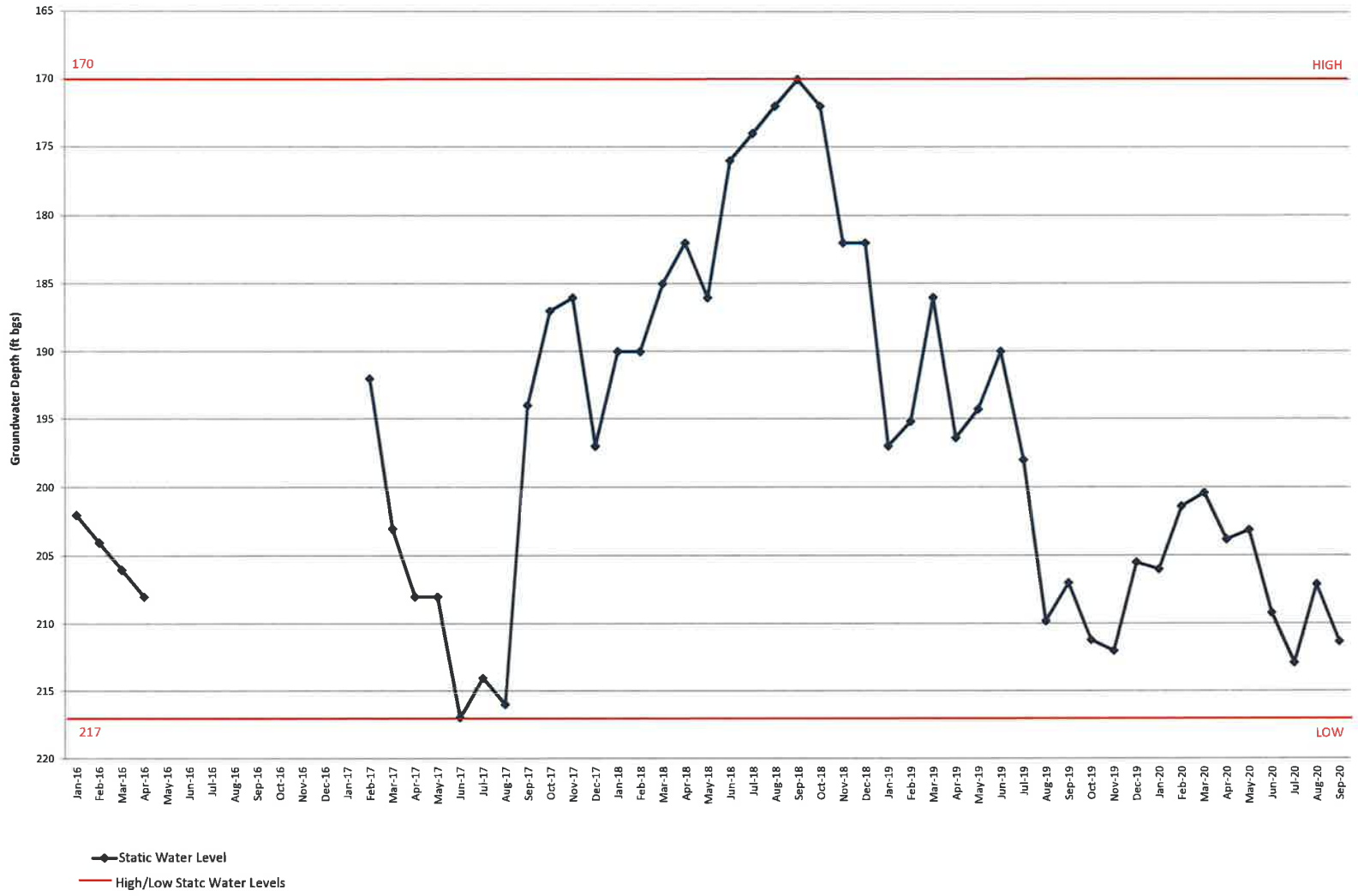
SCV WATER WELL N7  
 STATIC WATER LEVEL



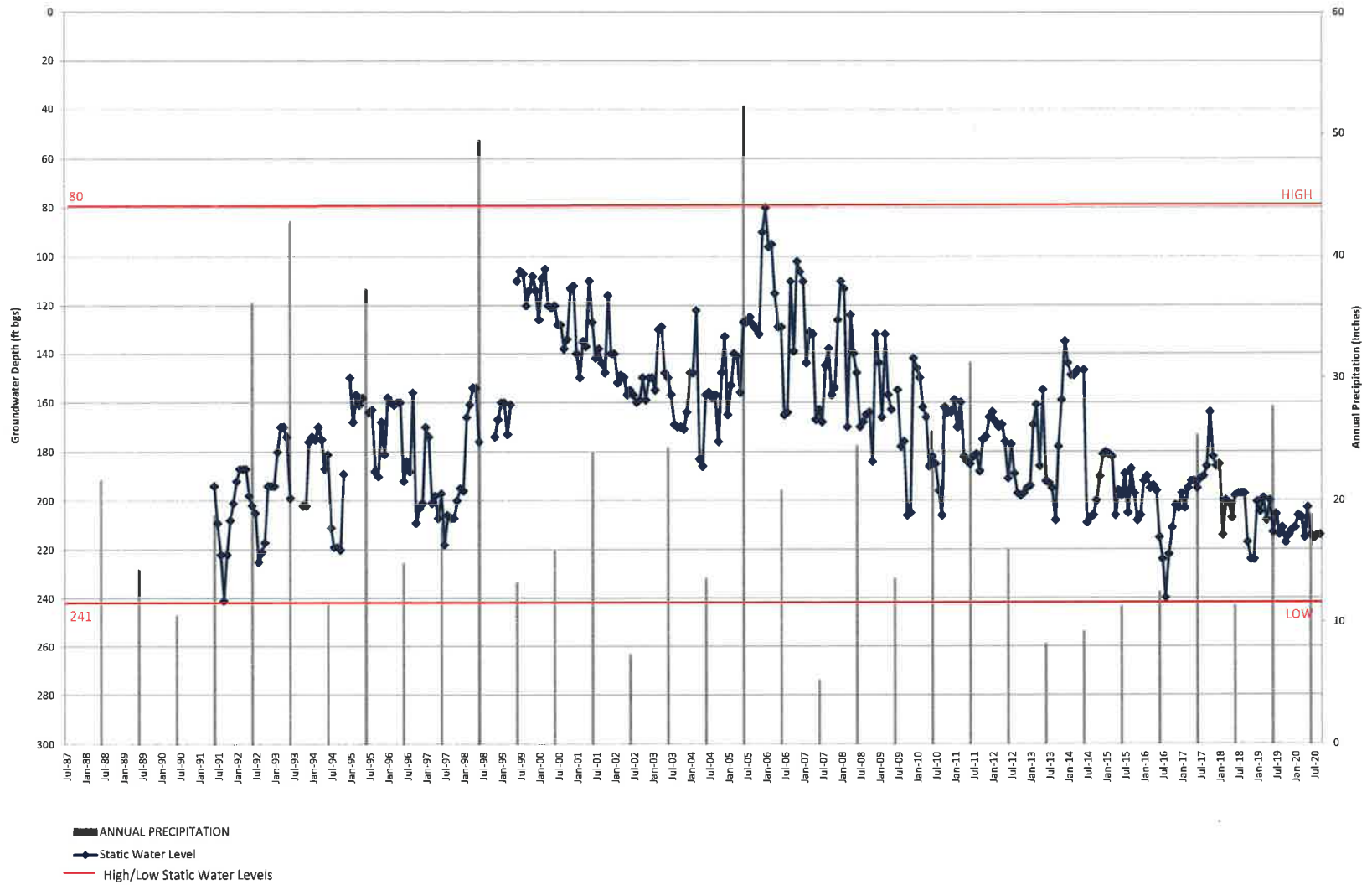
**SCV WATER WELL N12**  
**STATIC WATER LEVEL VS PRECIPITATION**



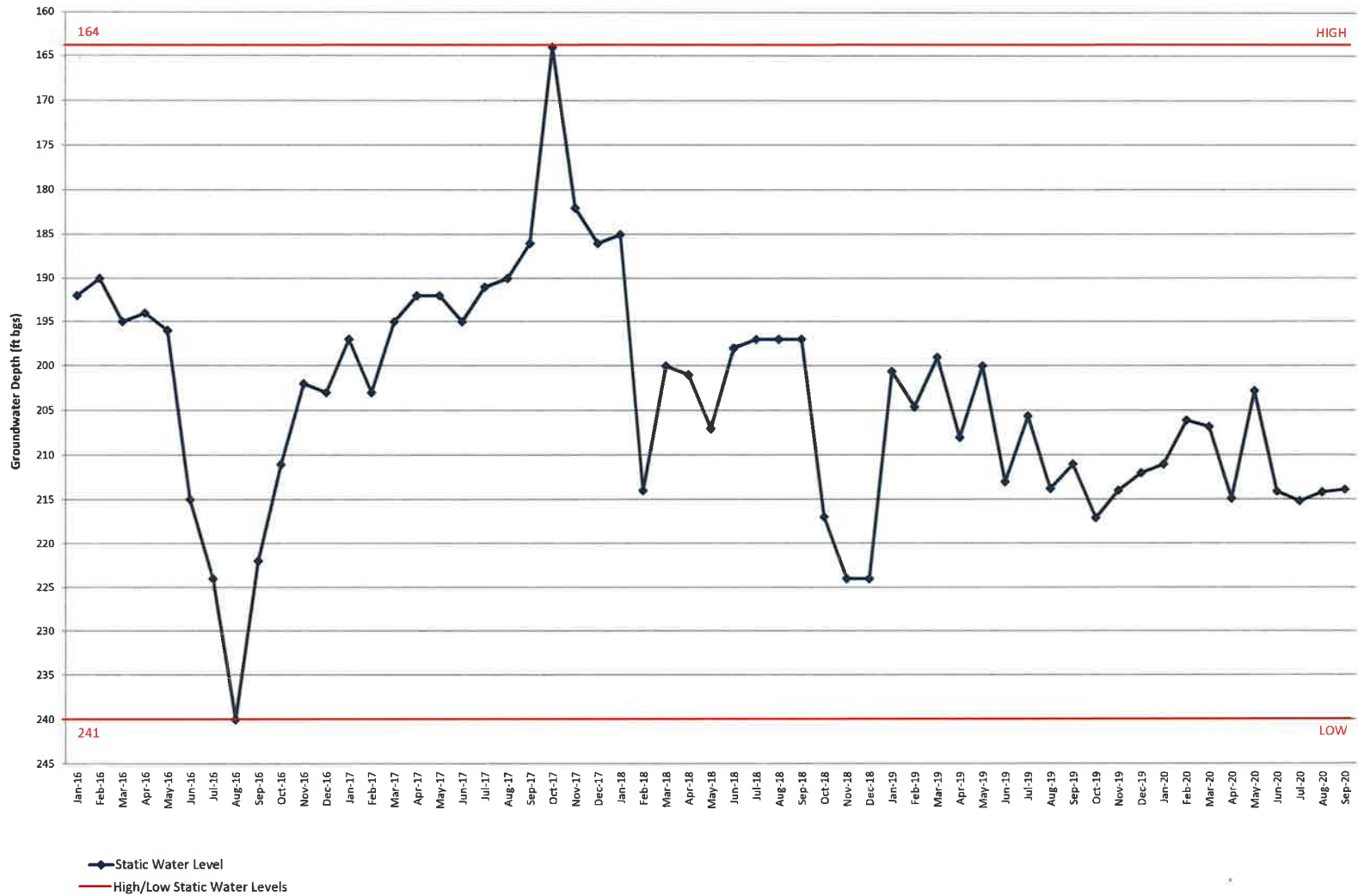
SCV WATER WELL N12  
STATIC WATER LEVEL



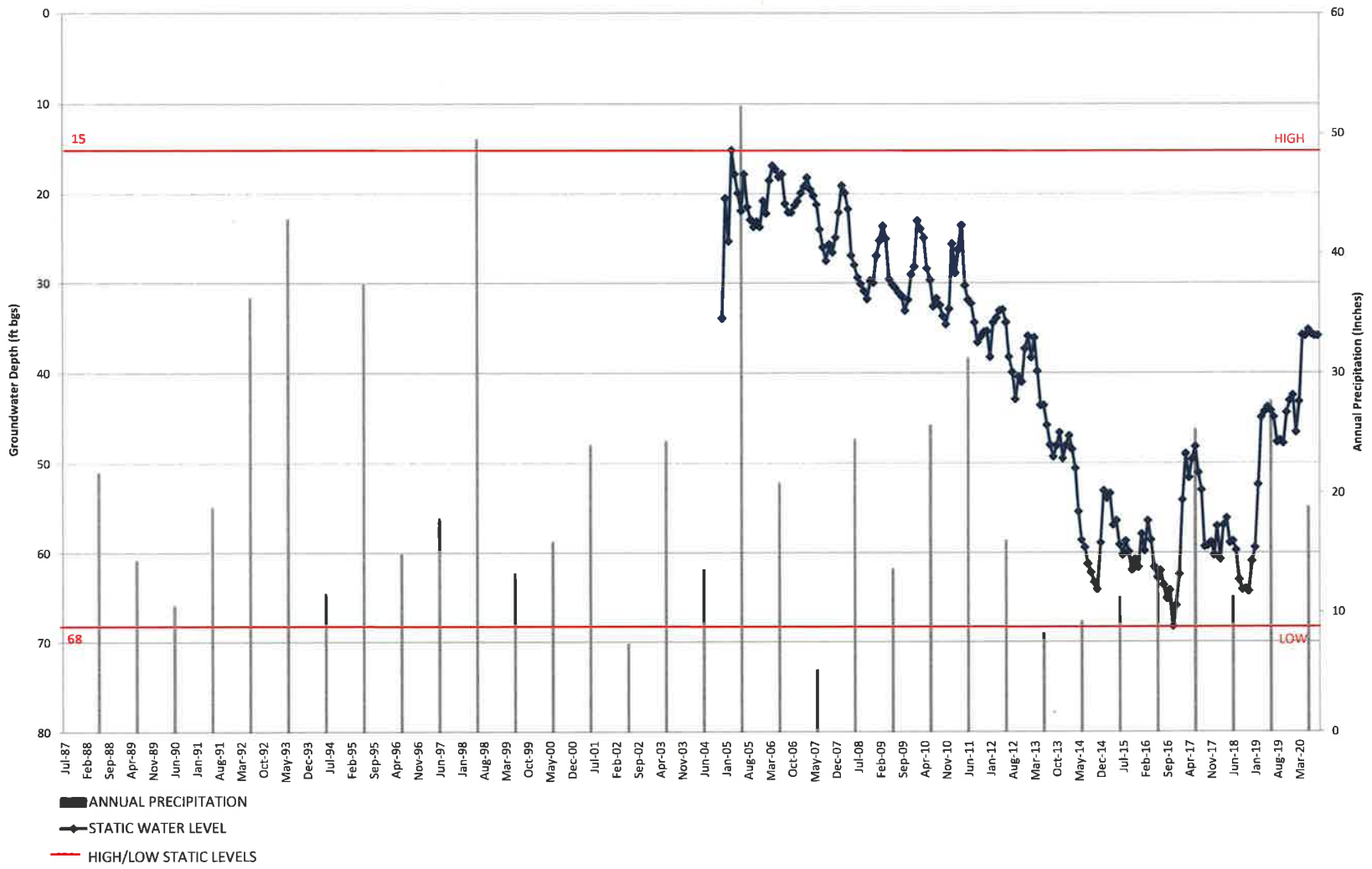
**SCV WATER WELL N13**  
 STATIC WATER LEVEL VS PRECIPITATION



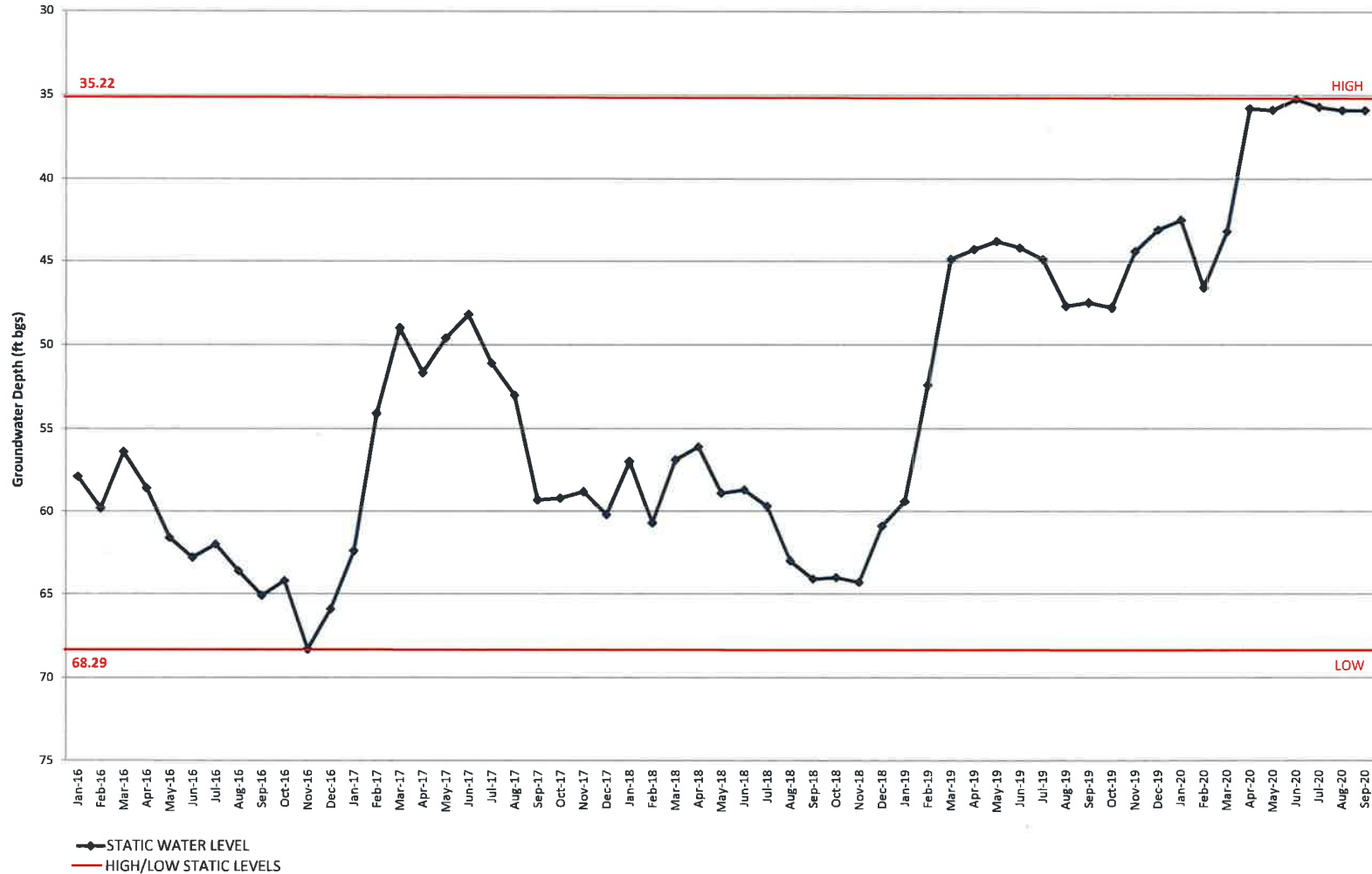
**SCV WATER WELL N13**  
**STATIC WATER LEVEL**



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

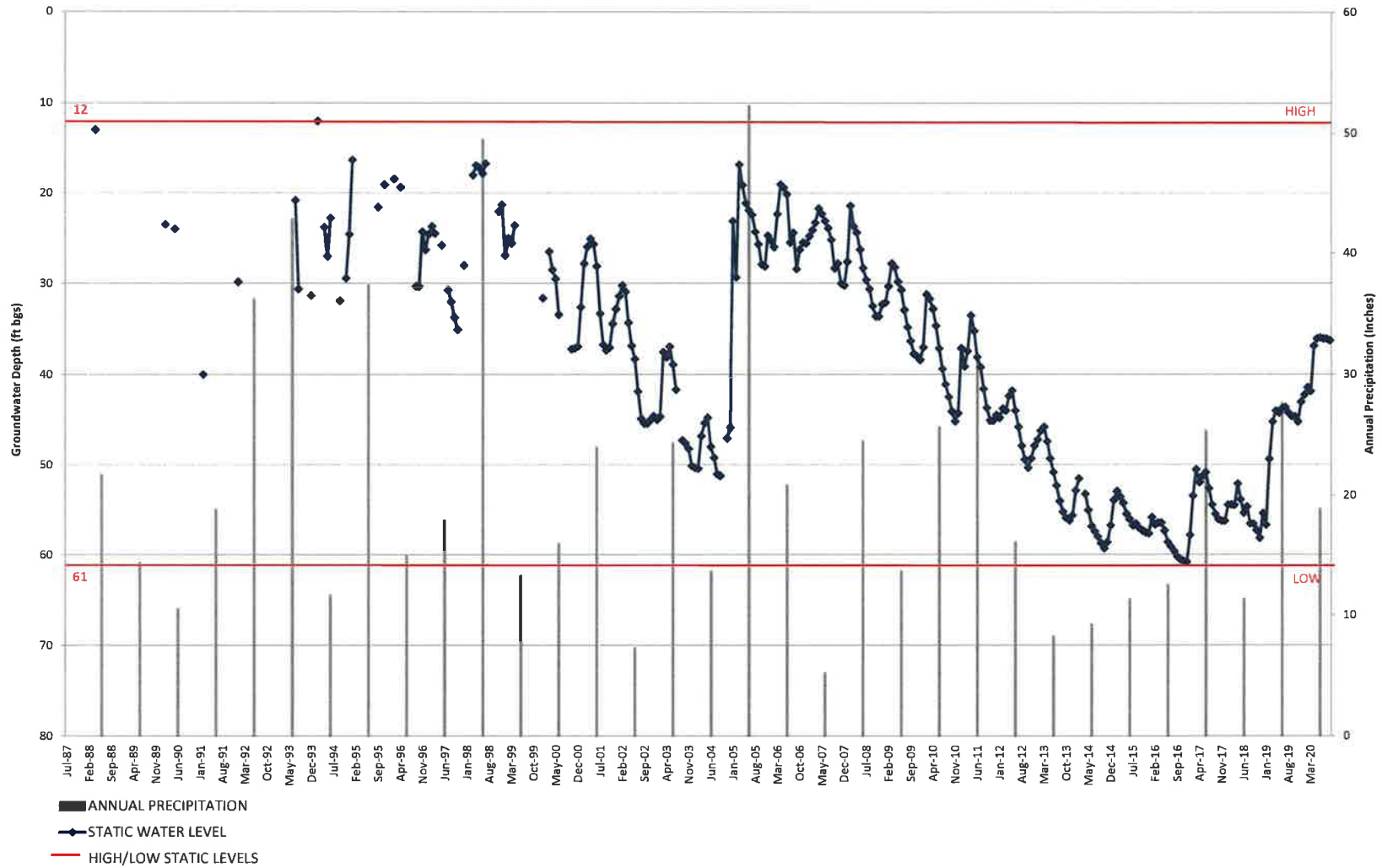


**SCV WATER WELL N8**  
**STATIC WATER LEVEL**

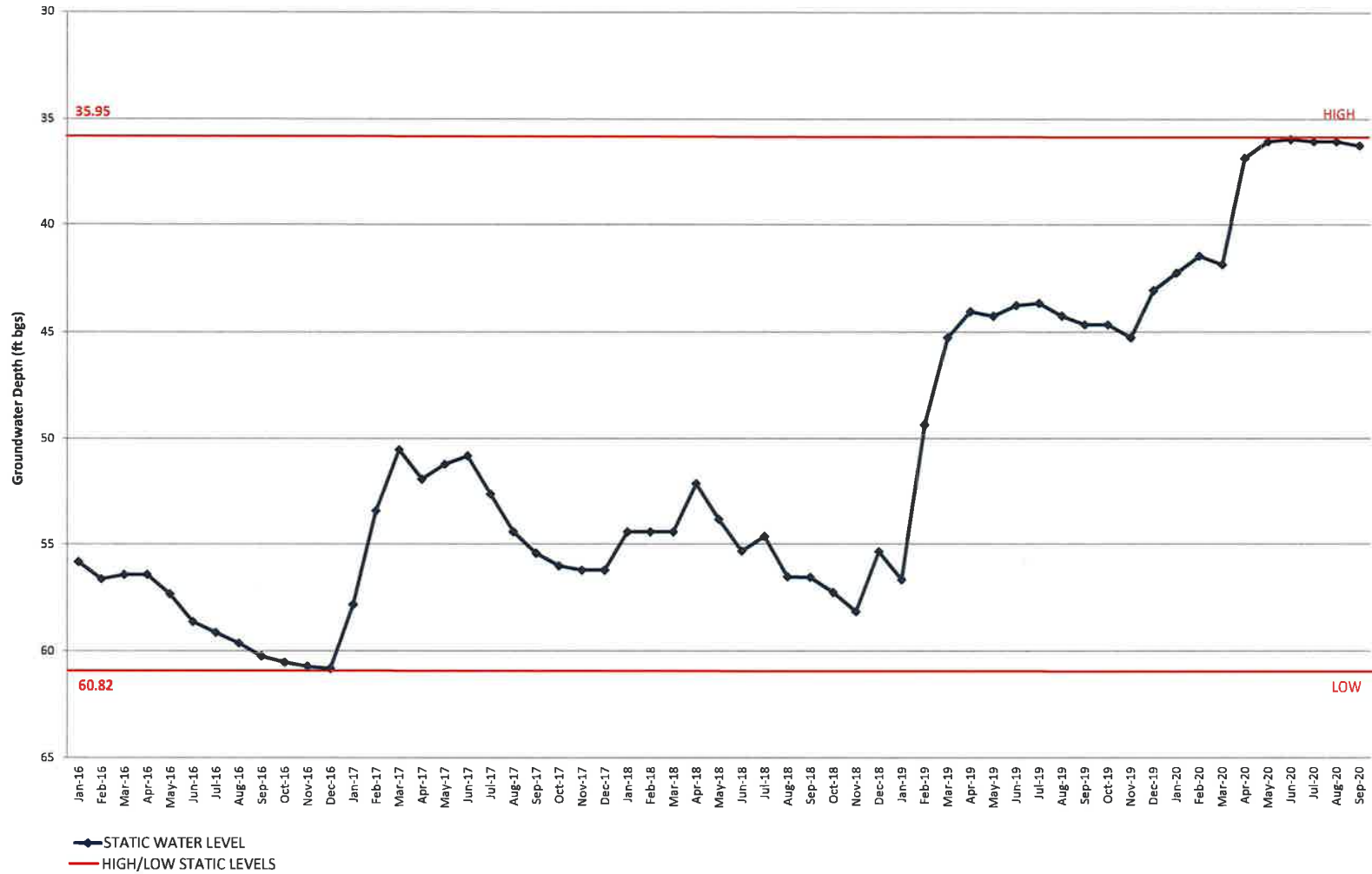




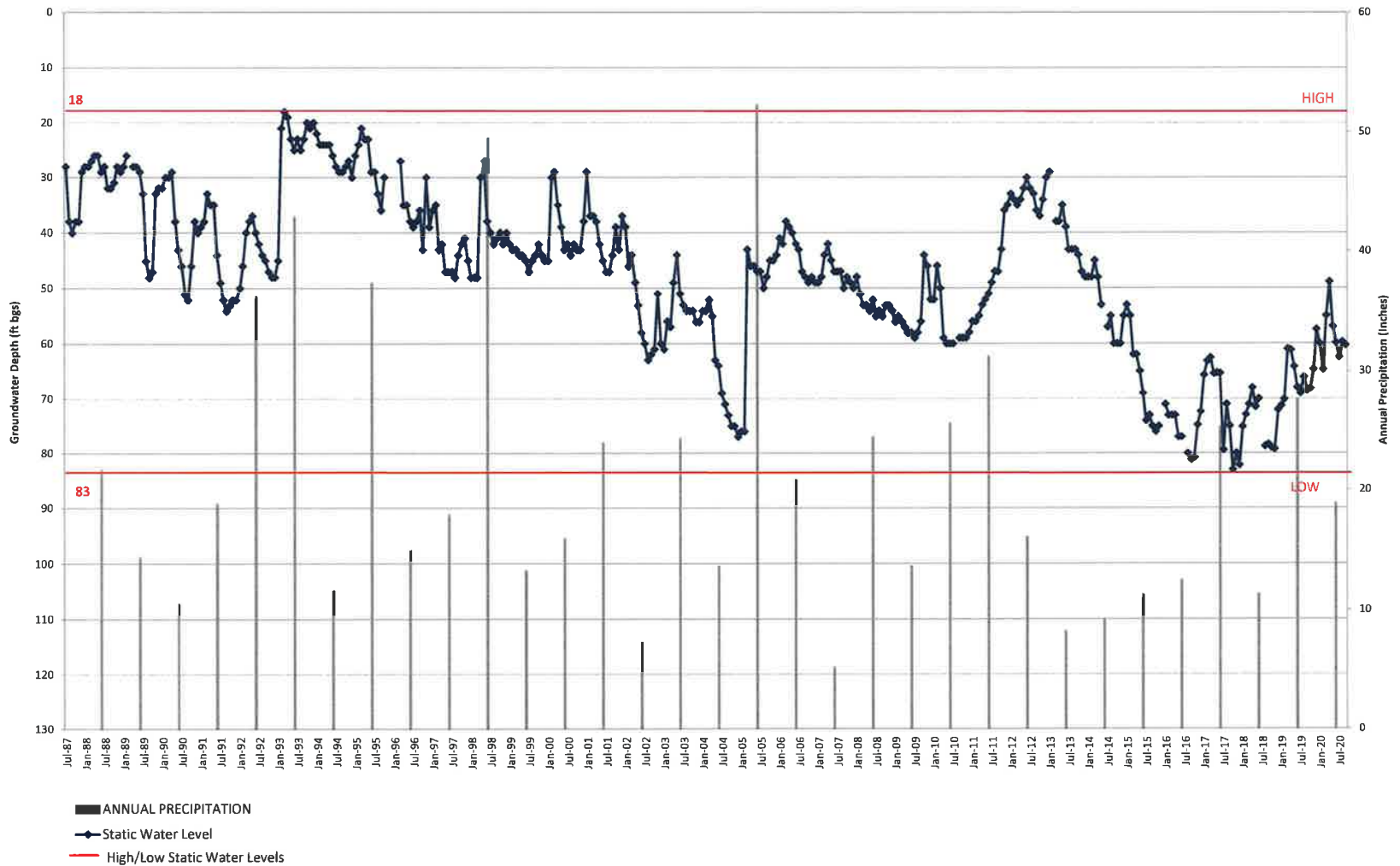
**SCV WATER WELL Q2**  
 STATIC WATER LEVEL VS PRECIPITATION



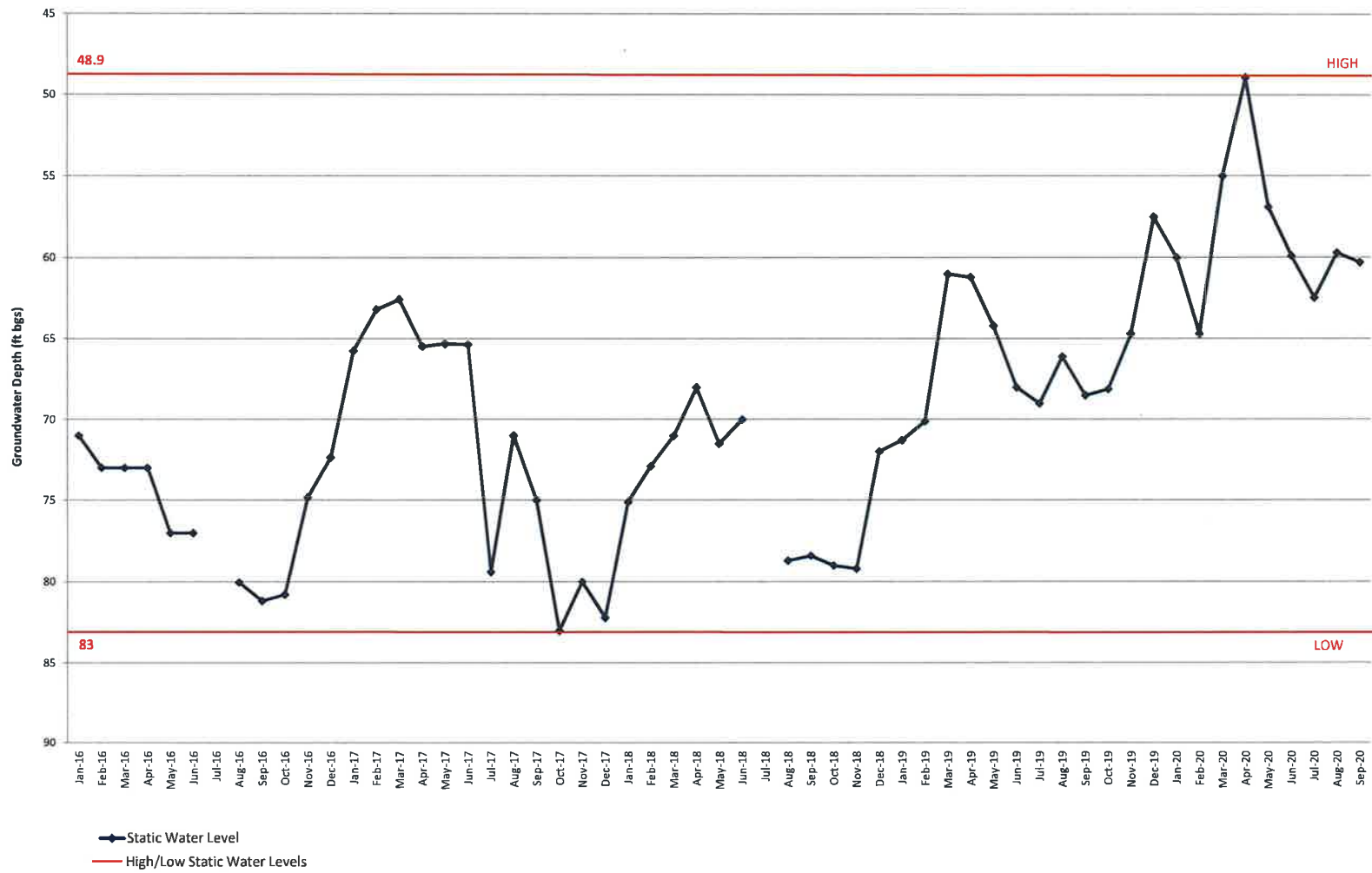
**SCV WATER WELL Q2**  
**STATIC WATER LEVEL**



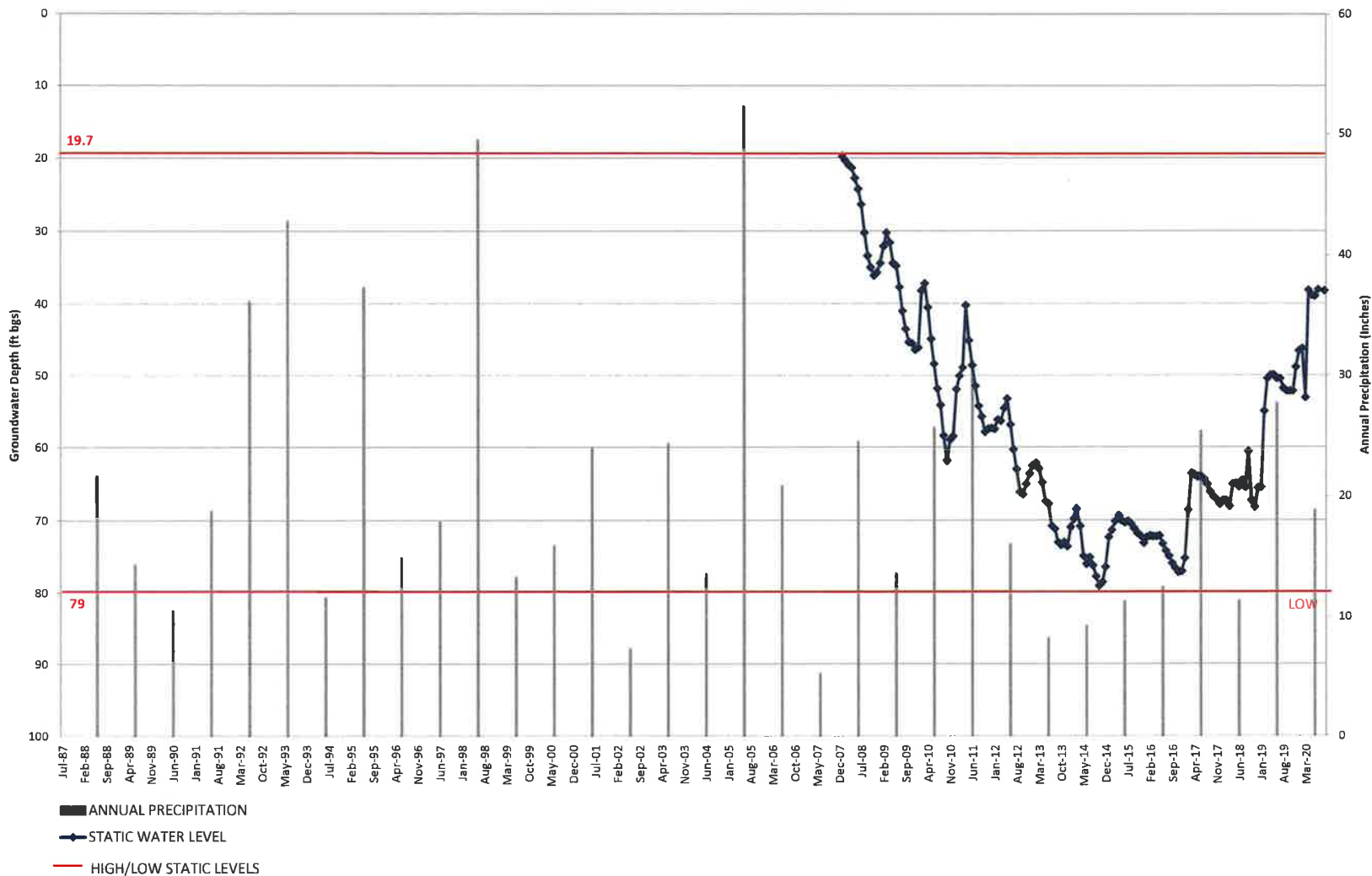
**SCV WATER WELL GUIDA #14**  
**STATIC WATER LEVEL VS PRECIPITATION**



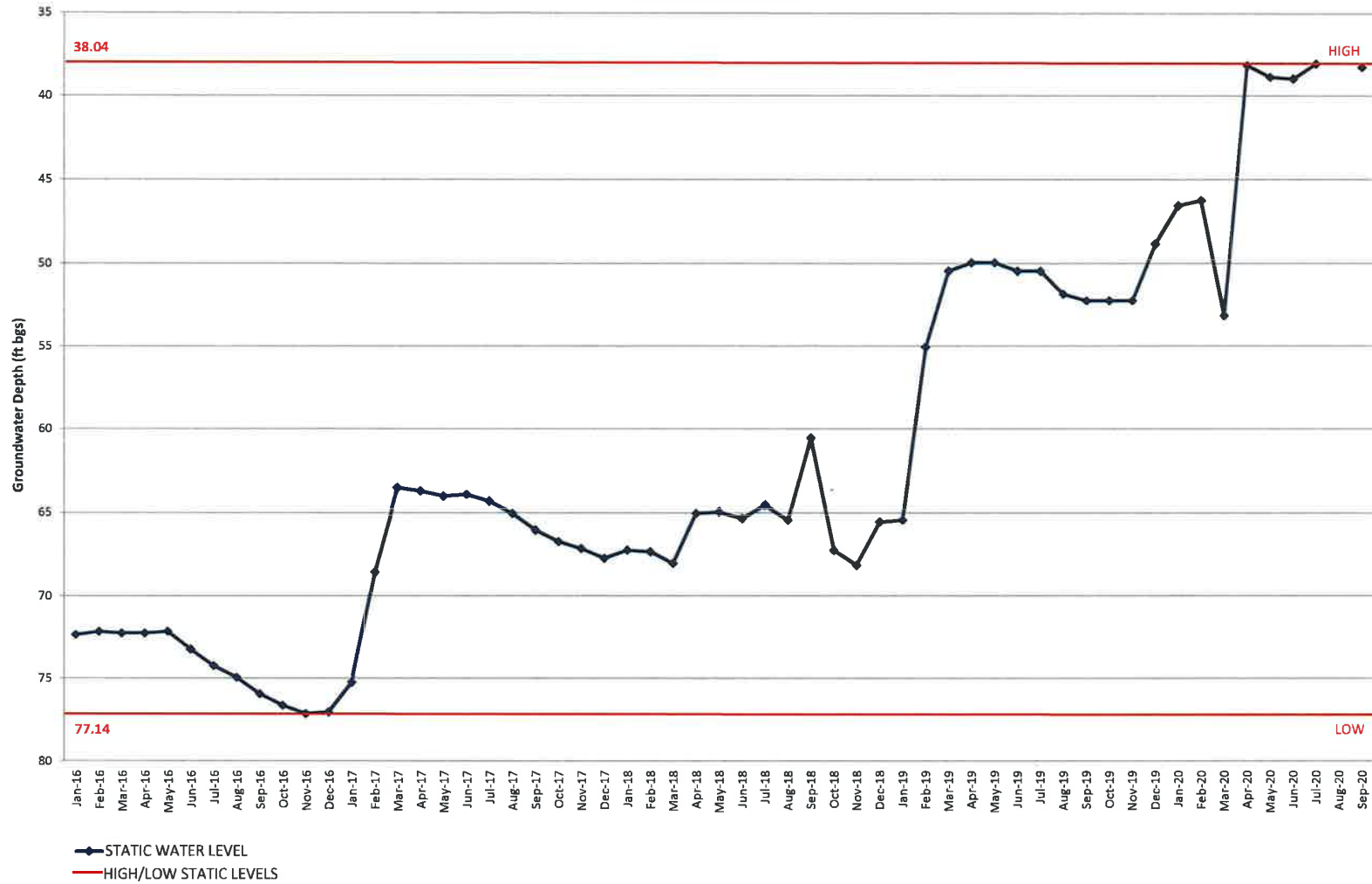
SCV WATER WELL GUIDA #14  
 STATIC WATER LEVEL



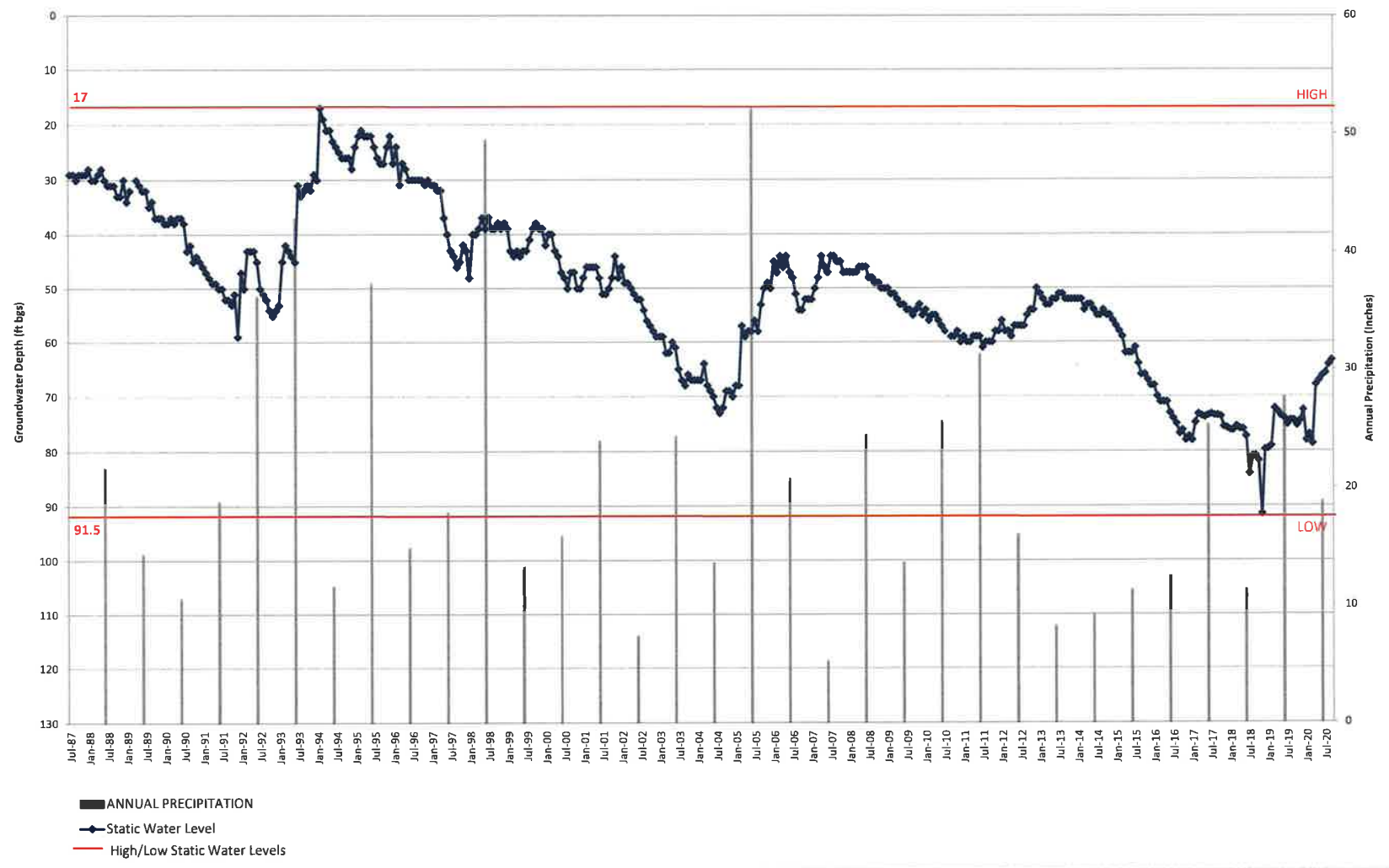
**SCV WATER WELL T7**  
**STATIC WATER LEVEL VS PRECIPITATION**



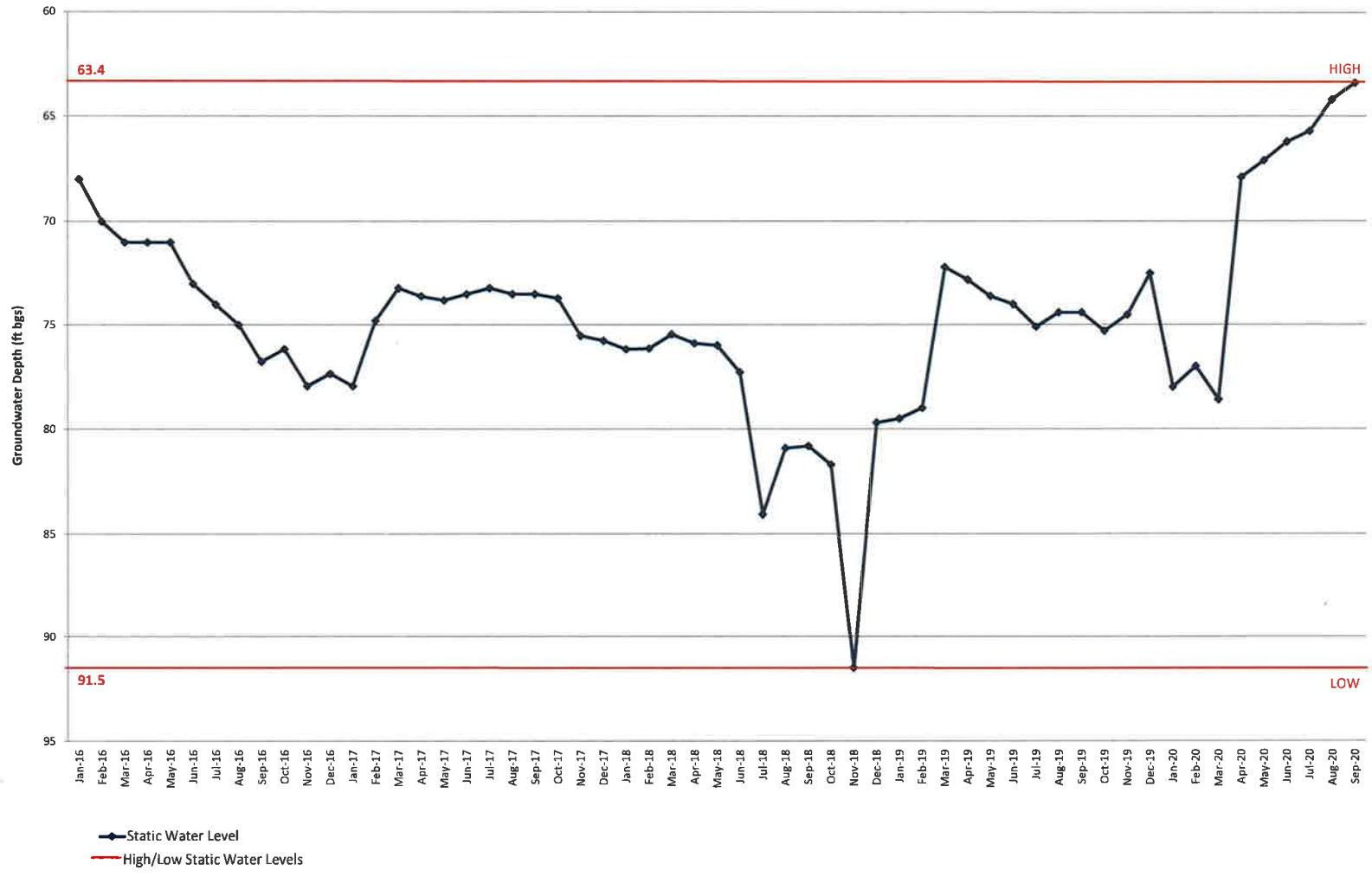
SCV WATER WELL T7  
 STATIC WATER LEVEL



**SCV WATER WELL CLARK #15**  
**STATIC WATER LEVEL VS PRECIPITATION**

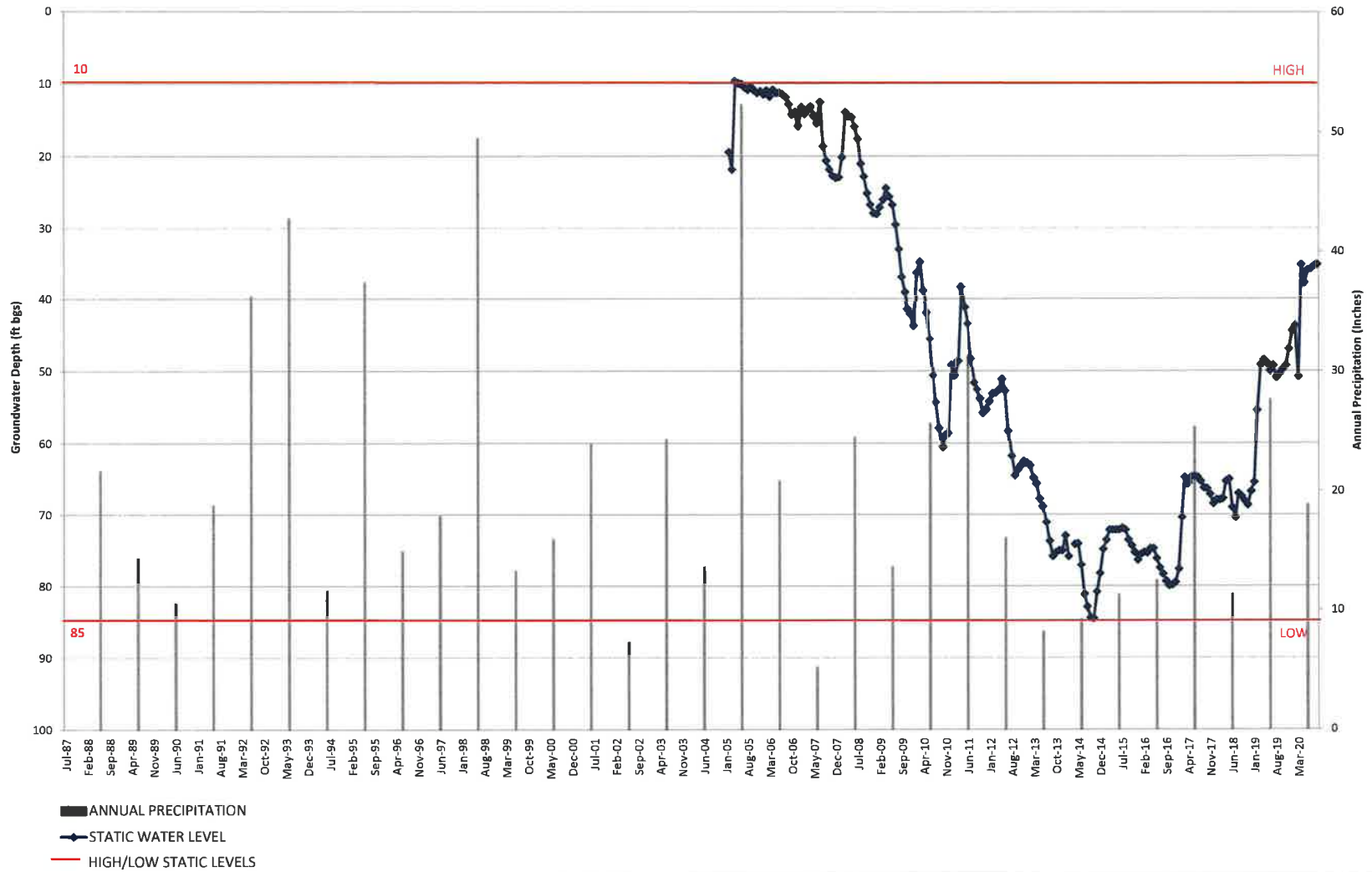


SCV WATER WELL CLARK #15  
STATIC WATER LEVEL

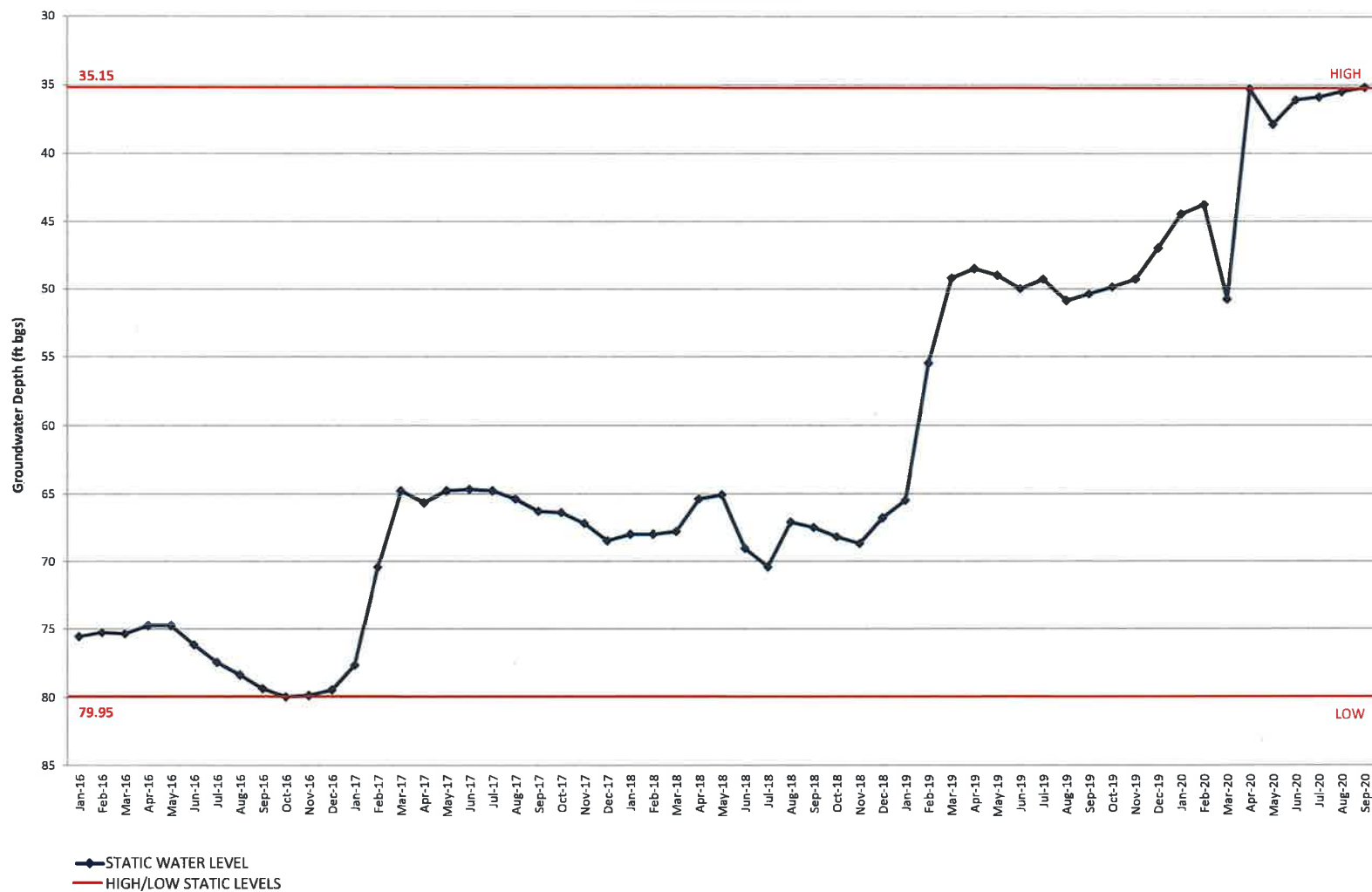




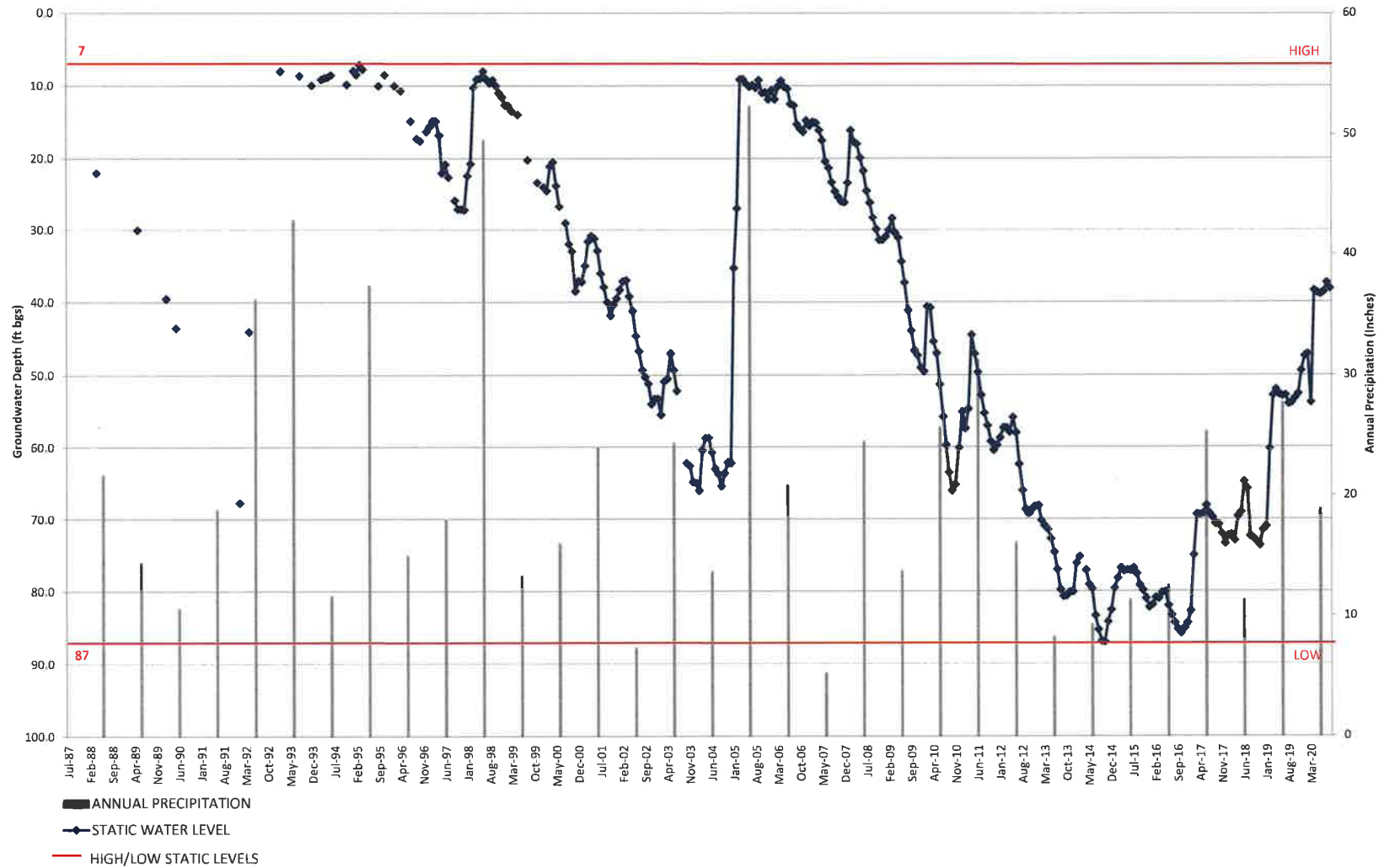
**SCV WATER WELL U6**  
**STATIC WATER LEVEL VS PRECIPITATION**



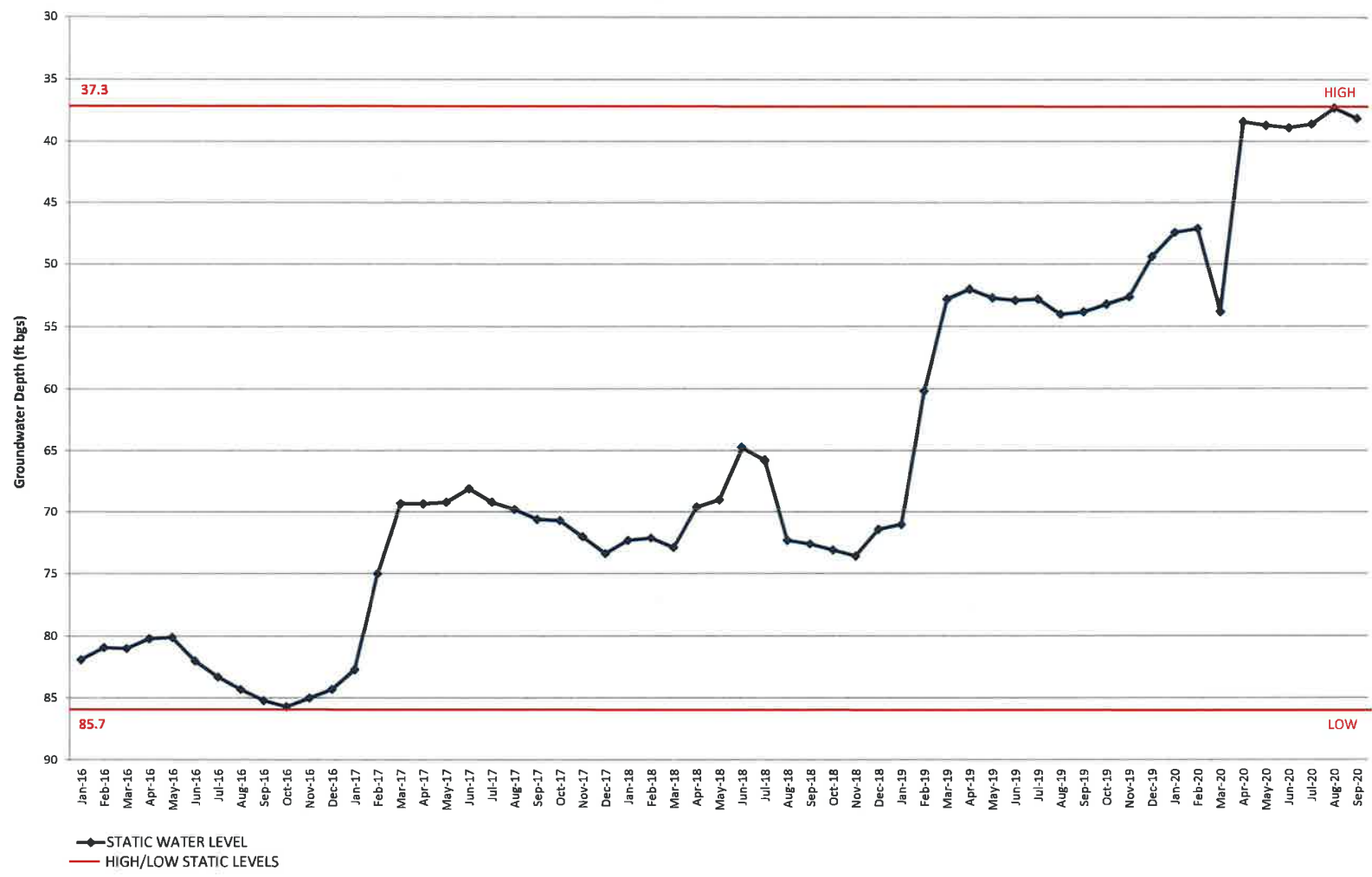
SCV WATER WELL U6  
 STATIC WATER LEVEL



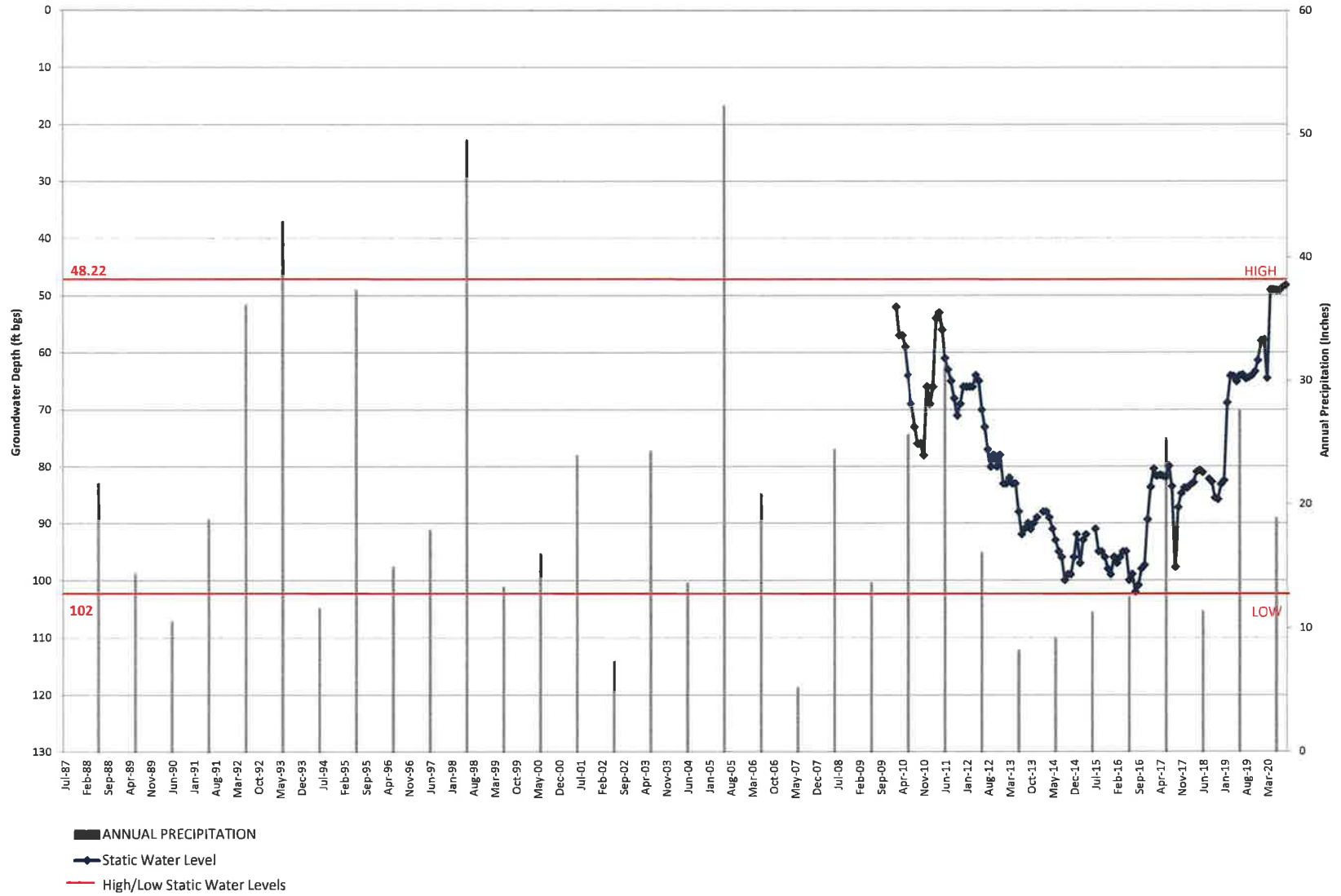
**SCV WATER WELL U4**  
 STATIC WATER LEVEL VS PRECIPITATION



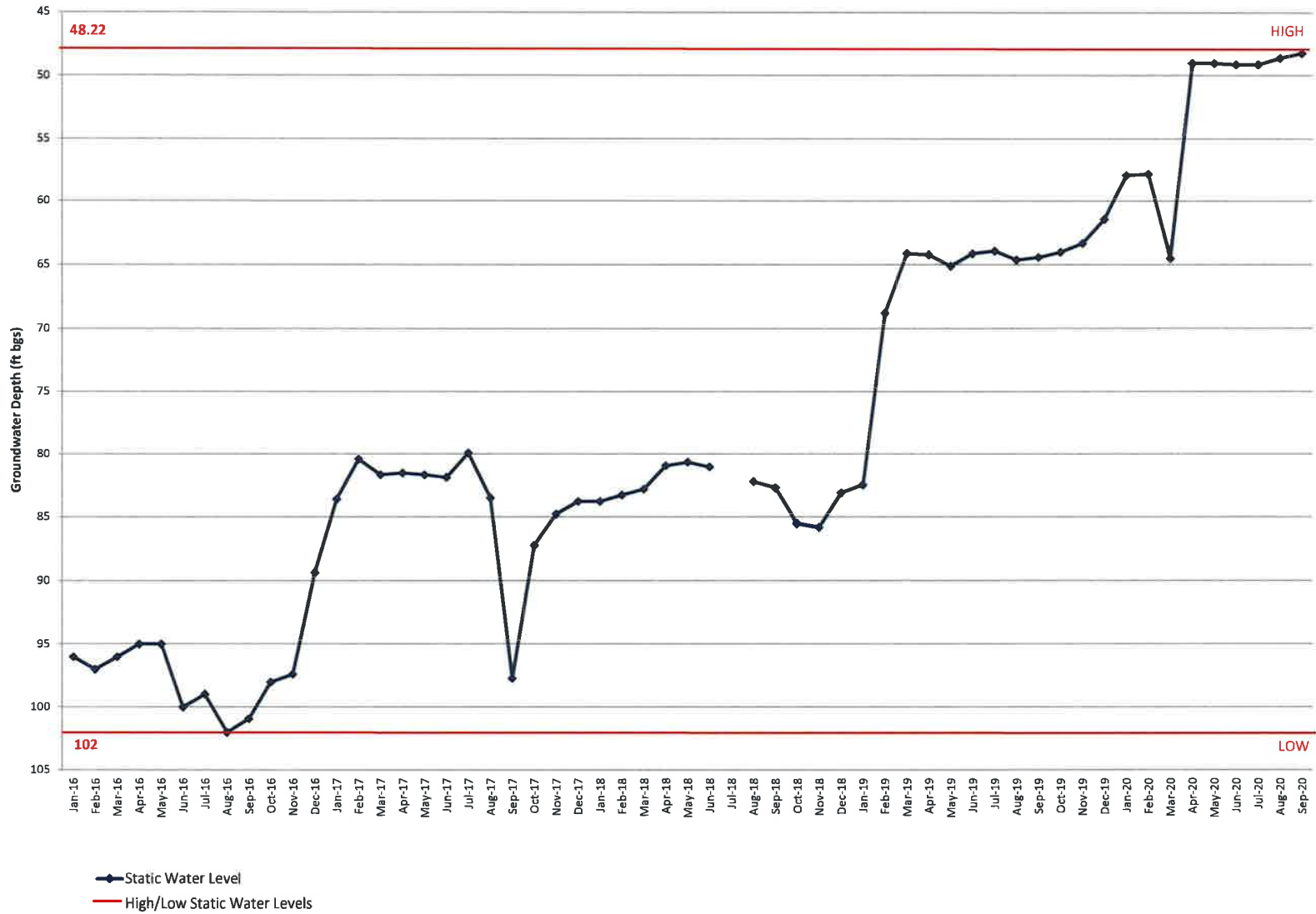
**SCV WATER WELL U4**  
**STATIC WATER LEVEL**



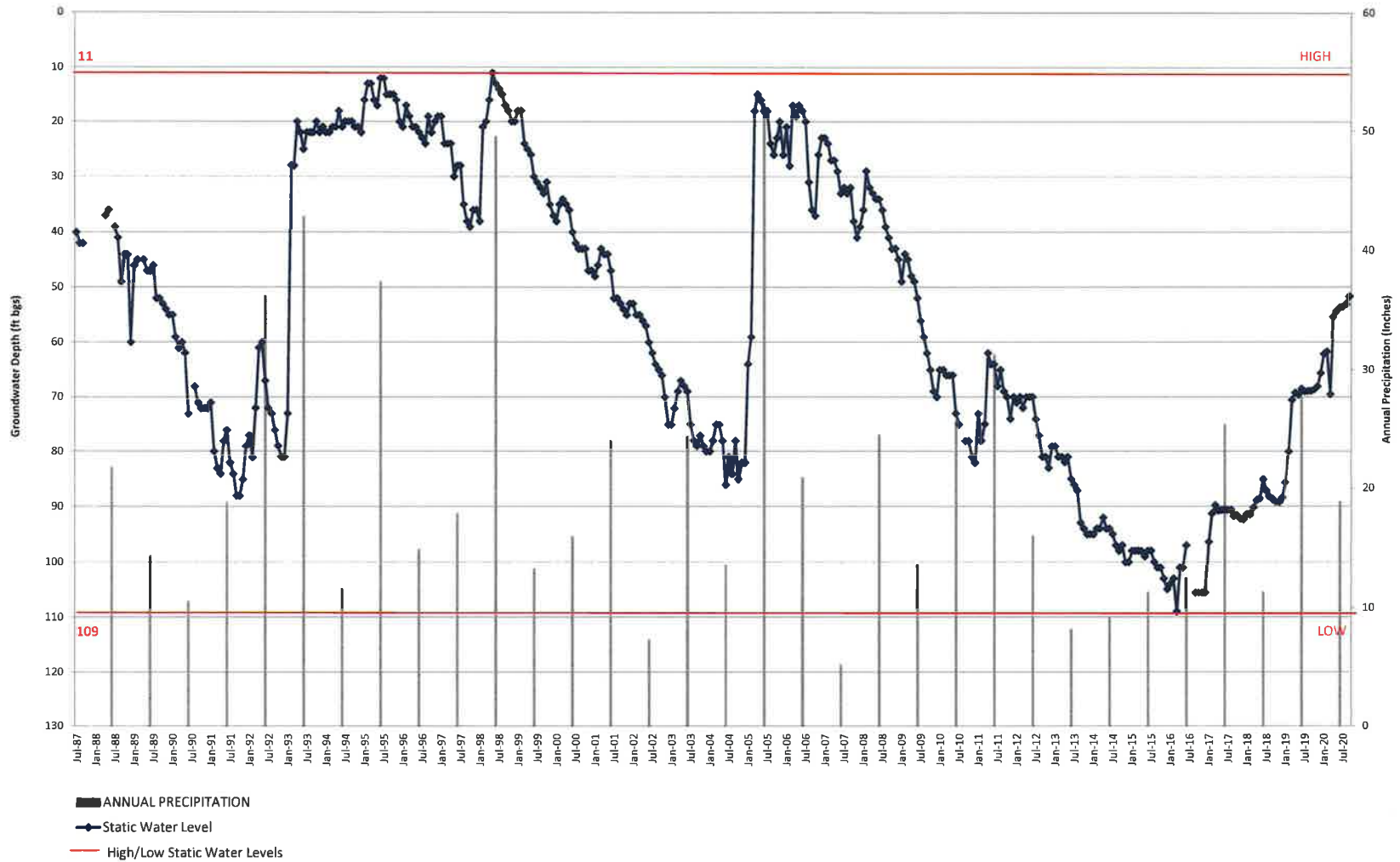
**SCV WATER WELL VALLEY CENTER  
STATIC WATER LEVEL VS PRECIPITATION**



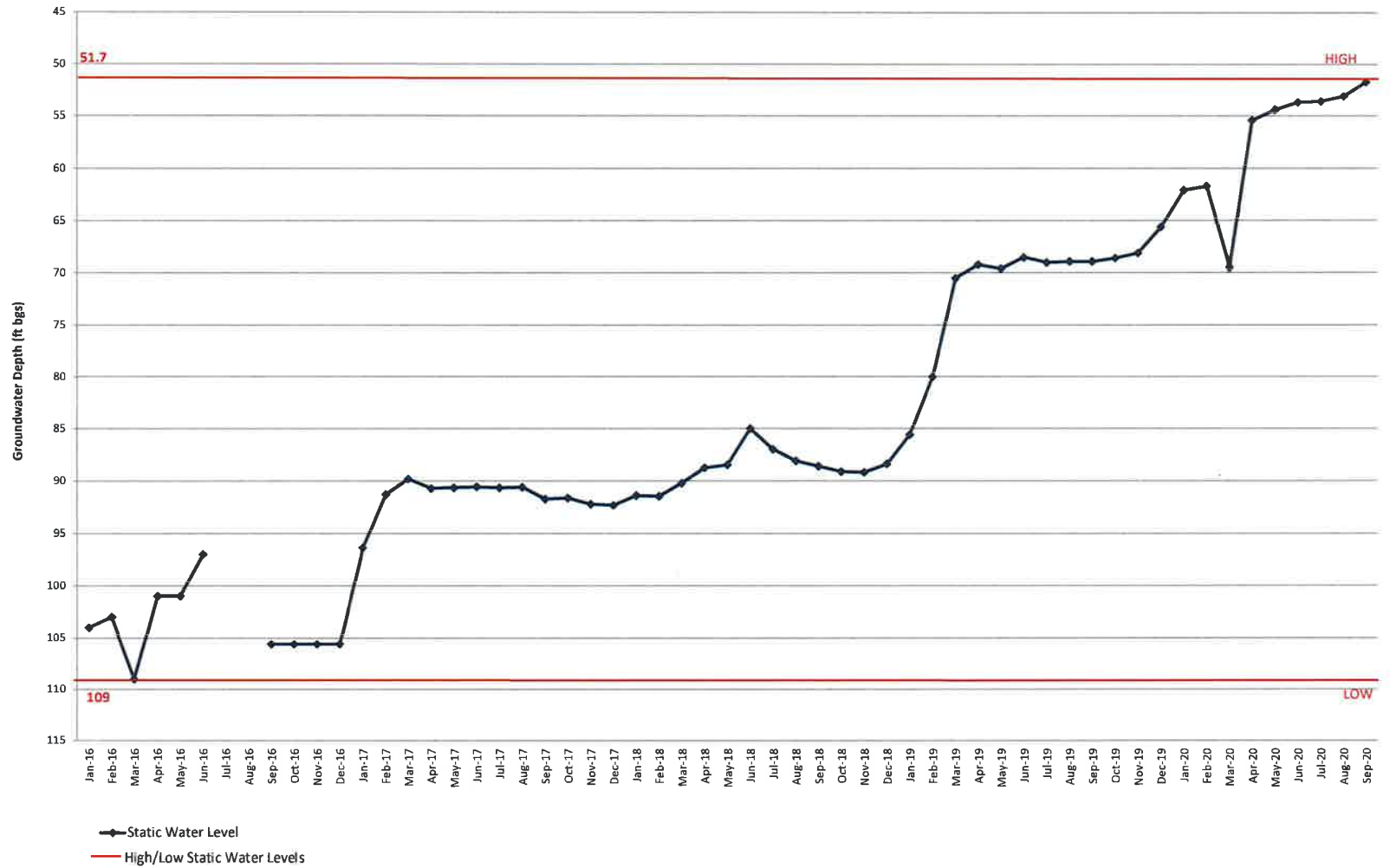
SCV WATER WELL VALLEY CENTER  
 STATIC WATER LEVEL



**SCV WATER WELL HONBY #12**  
**STATIC WATER LEVEL VS PRECIPITATION**

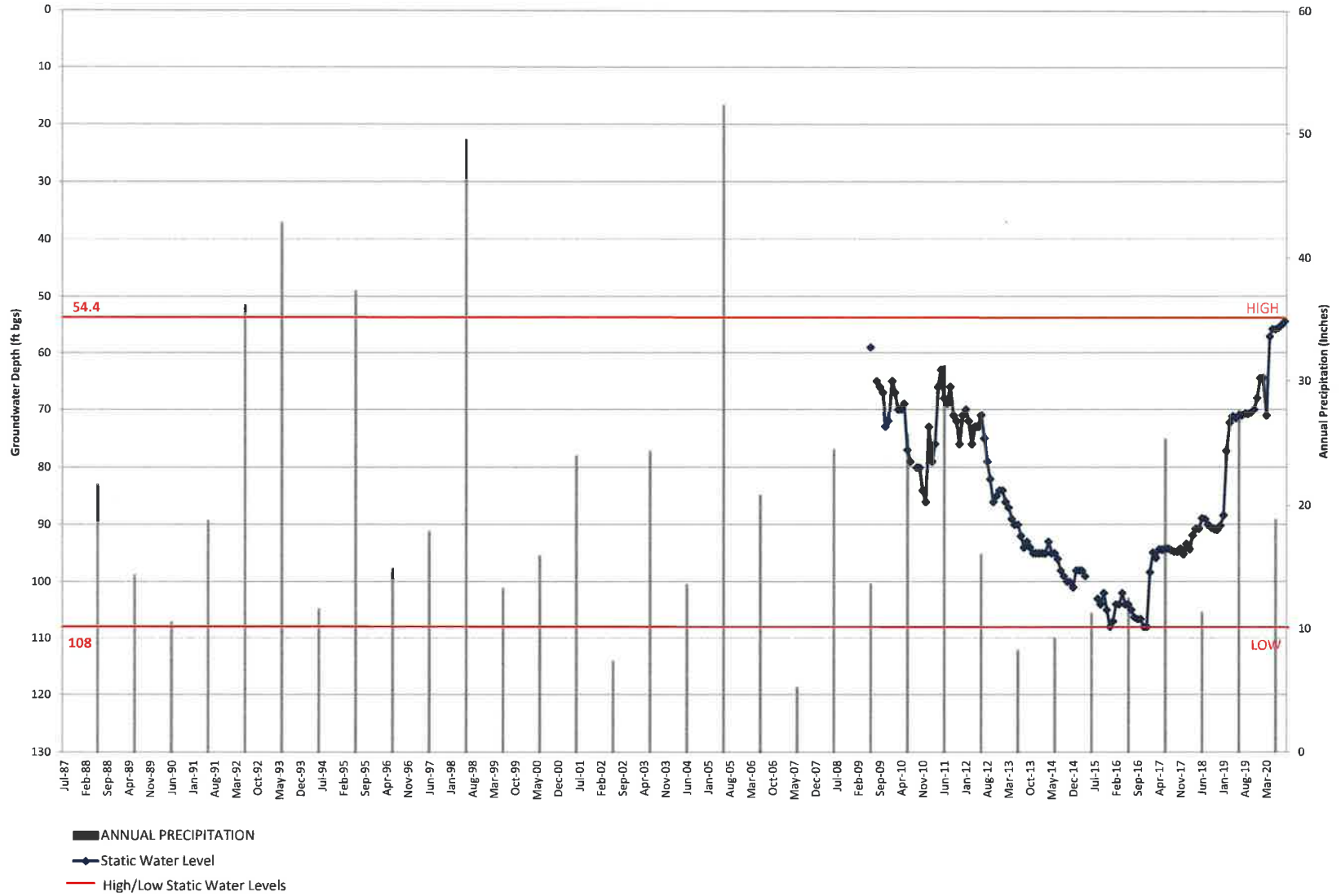


SCV WATER WELL HONBY #12  
 STATIC WATER LEVEL

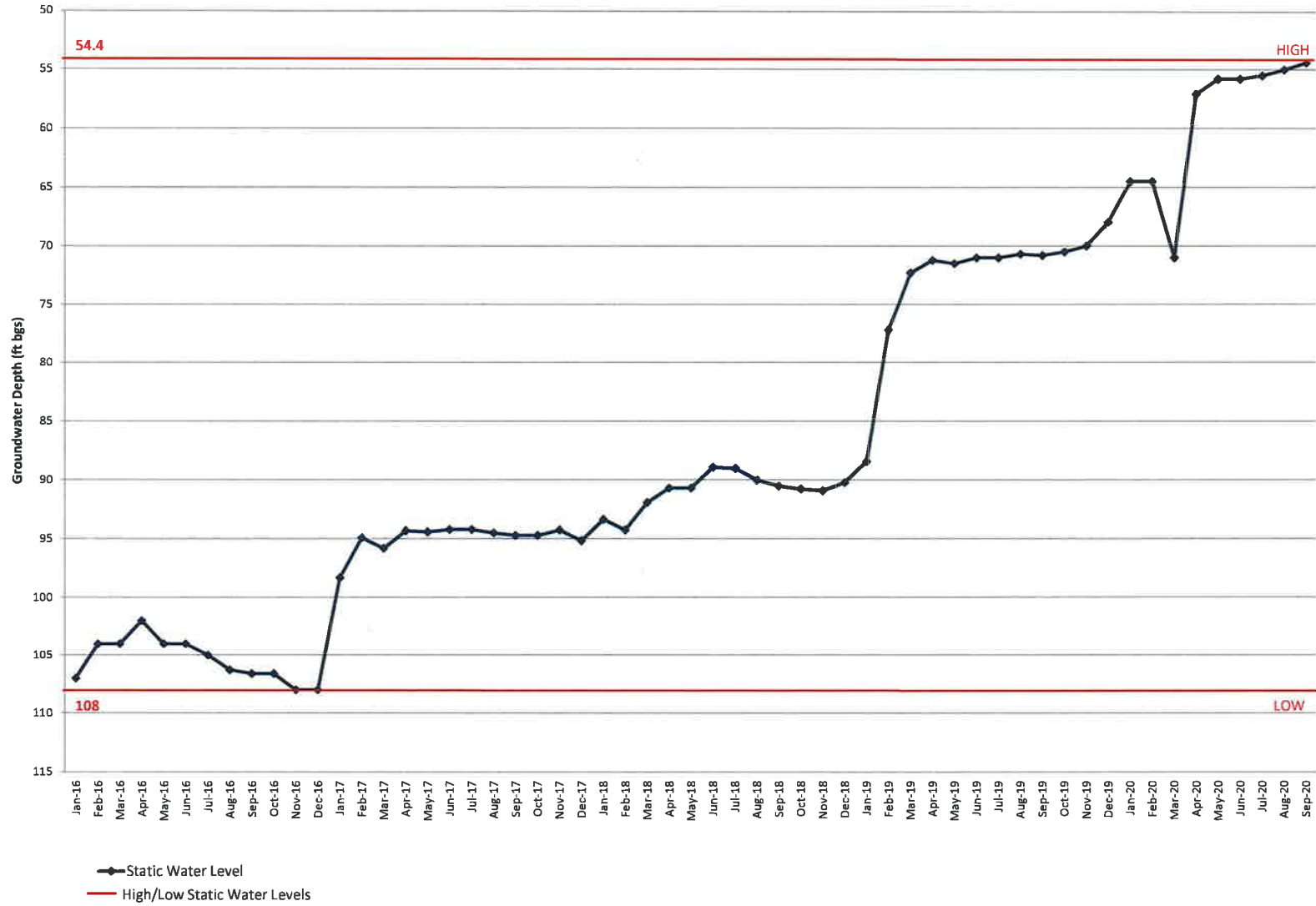




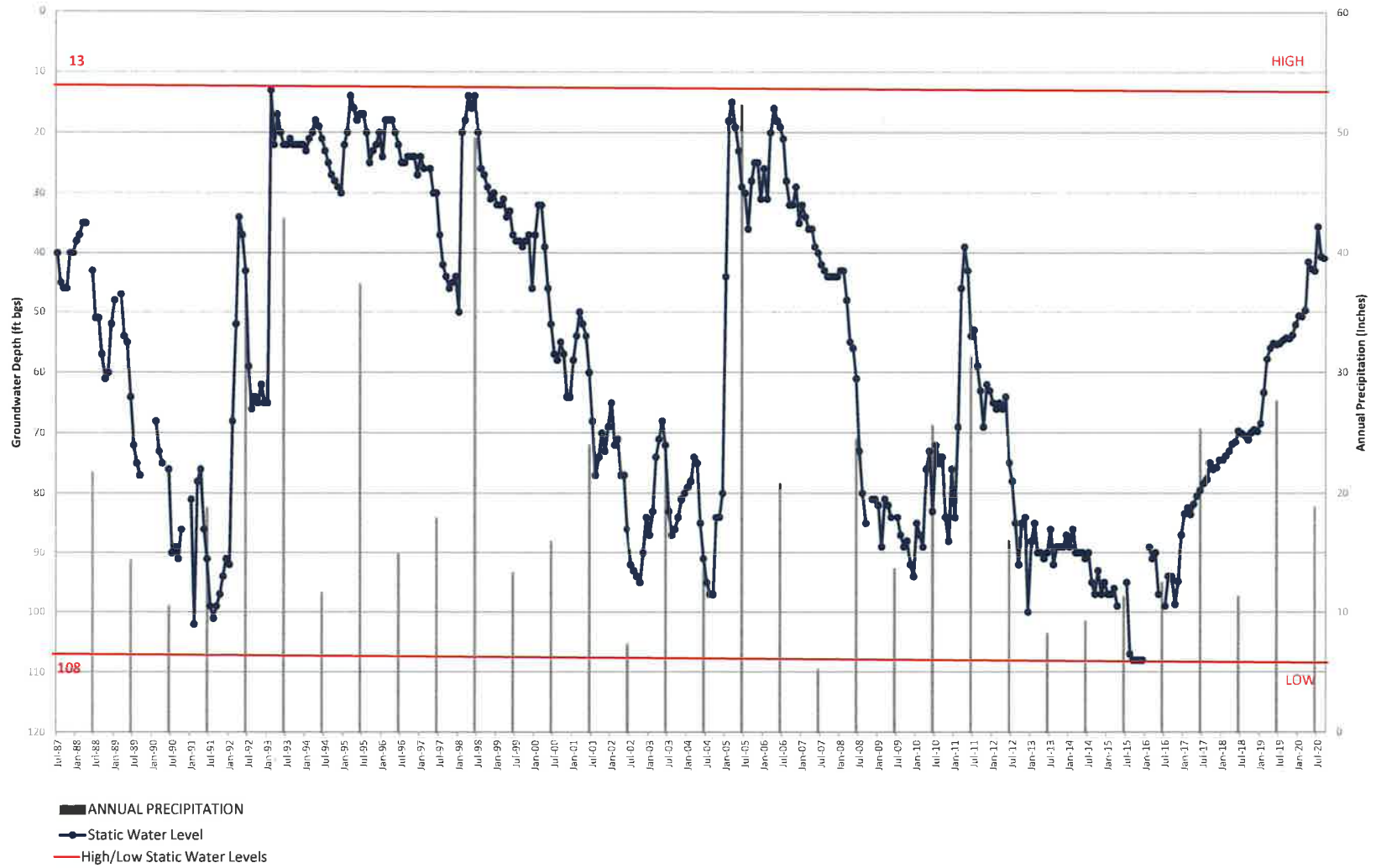
**SCV WATER WELL SANTA CLARA**  
**STATIC WATER LEVEL VS PRECIPITATION**



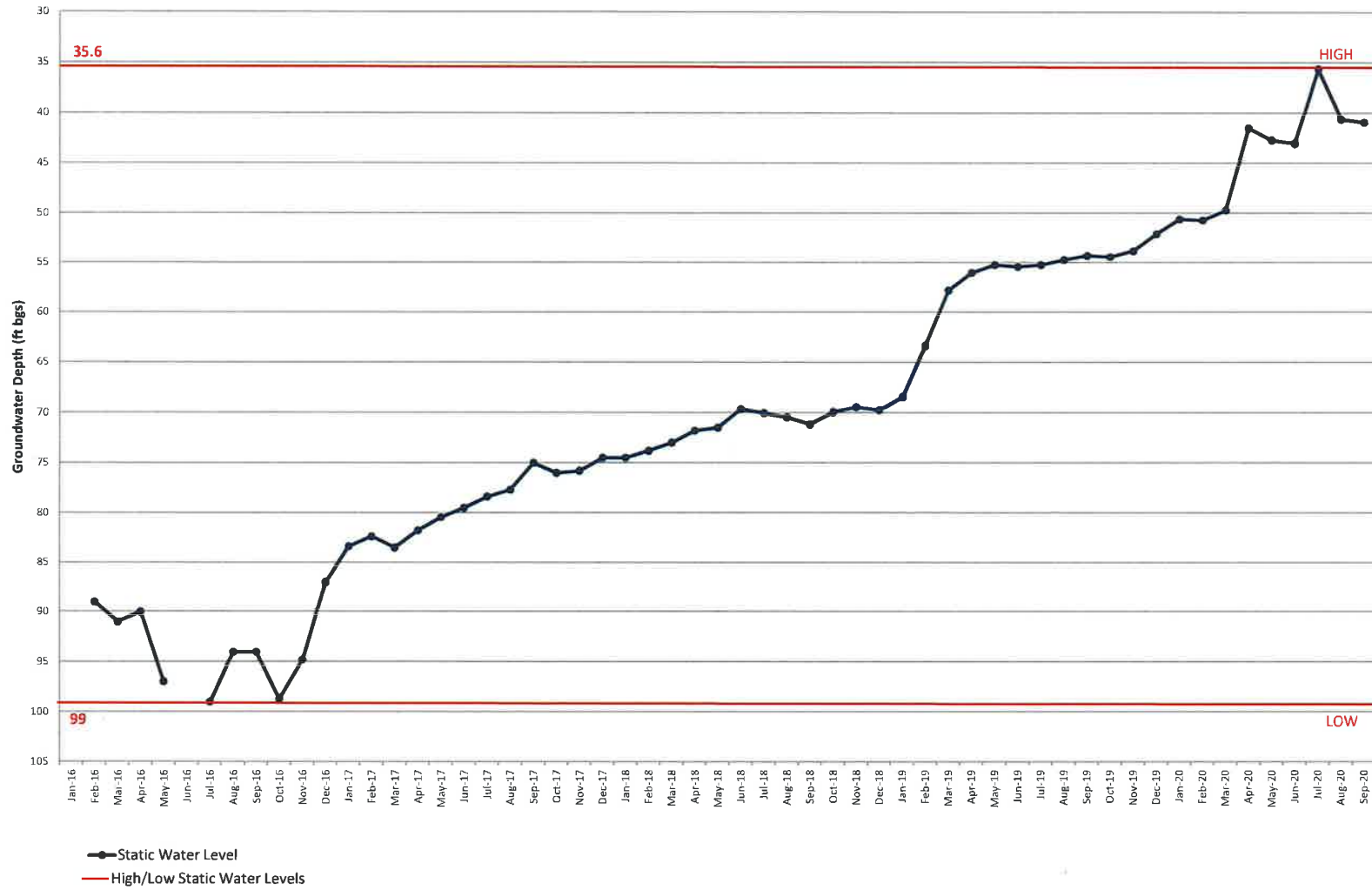
SCV WATER WELL SANTA CLARA  
 STATIC WATER LEVEL



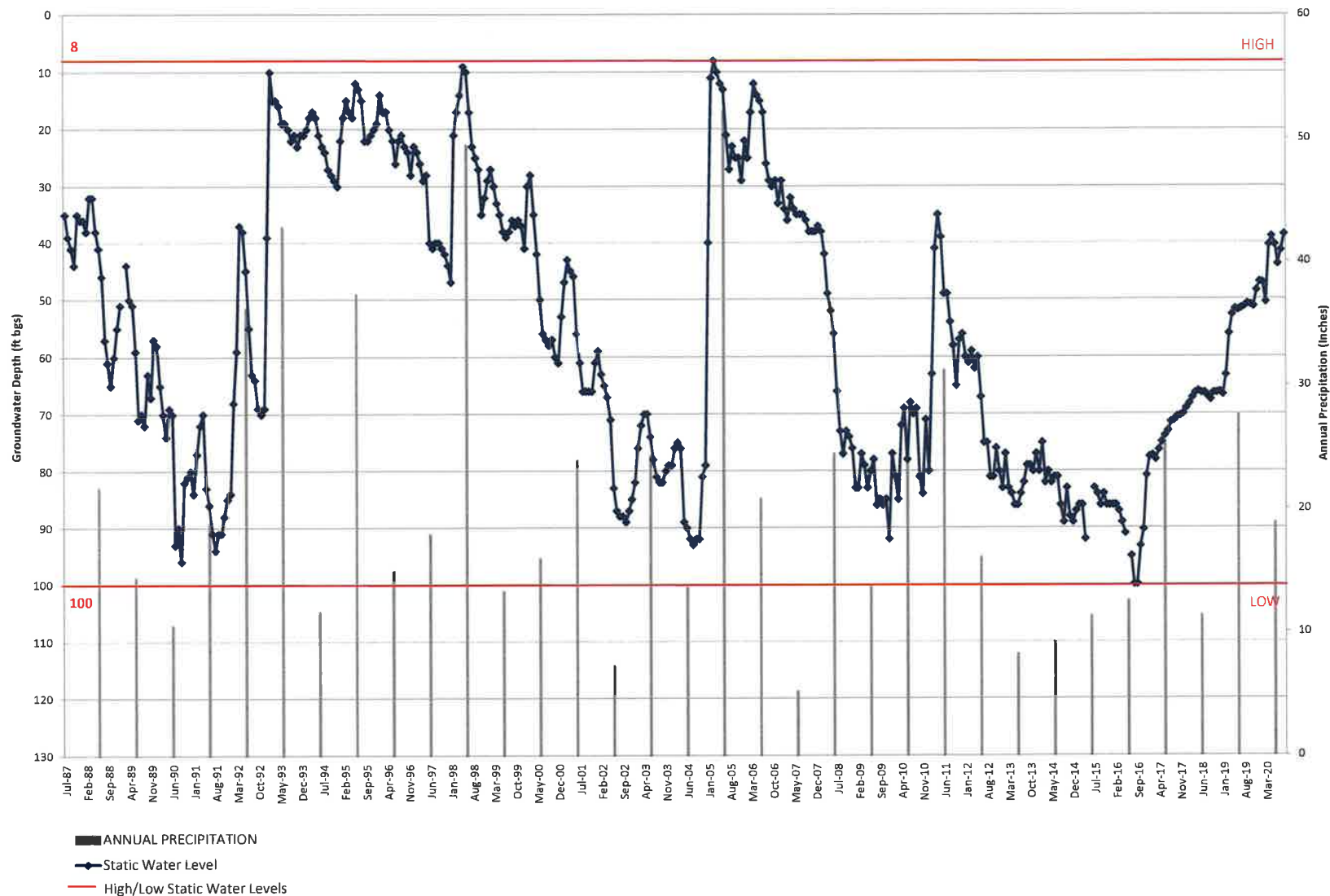
SCV WATER WELL NORTH OAKS CENTRAL #8  
 STATIC WATER LEVEL VS. PRECIPITATION



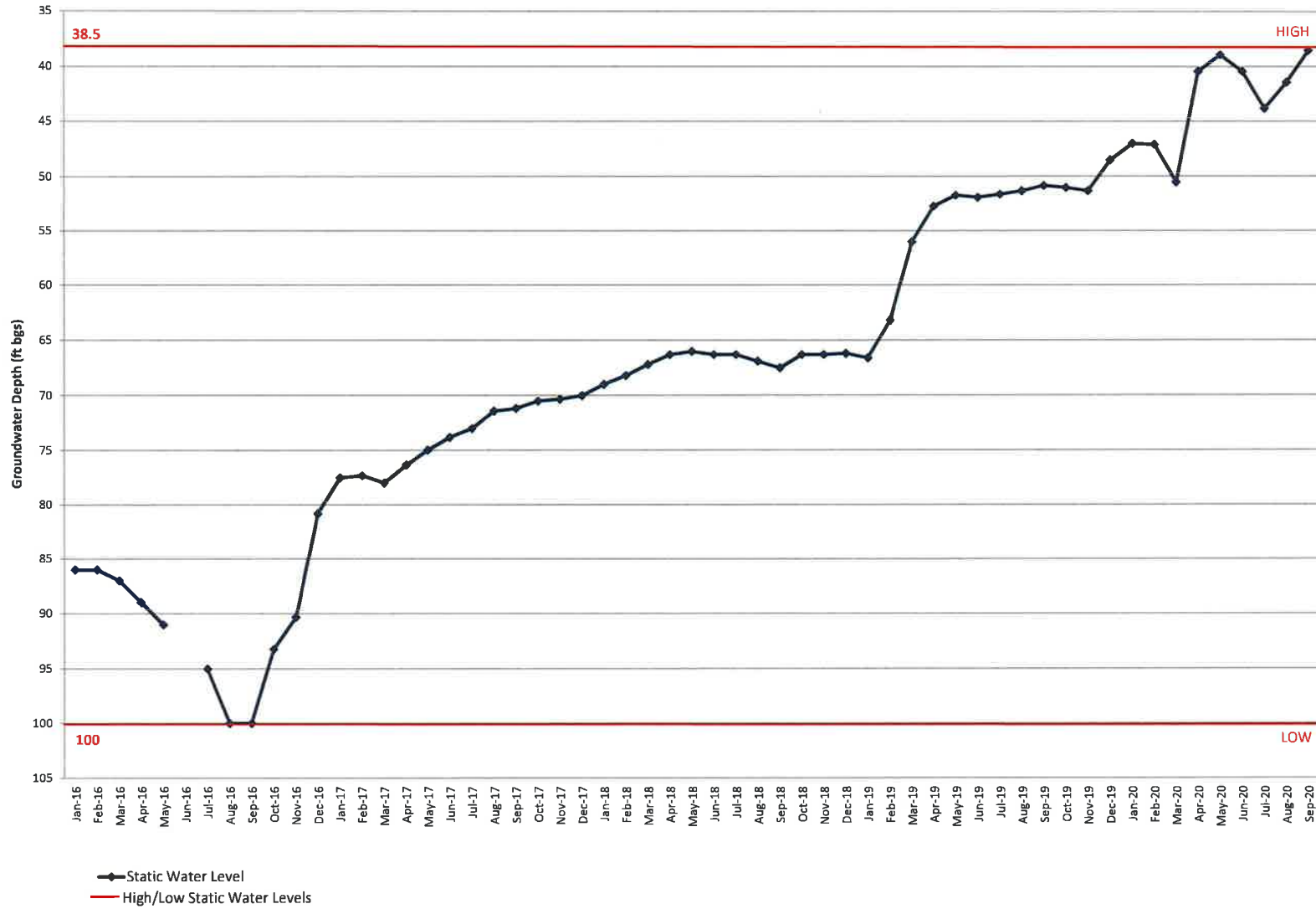
SCV WATER WELL NORTH OAKS CENTRAL #8  
 STATIC WATER LEVEL



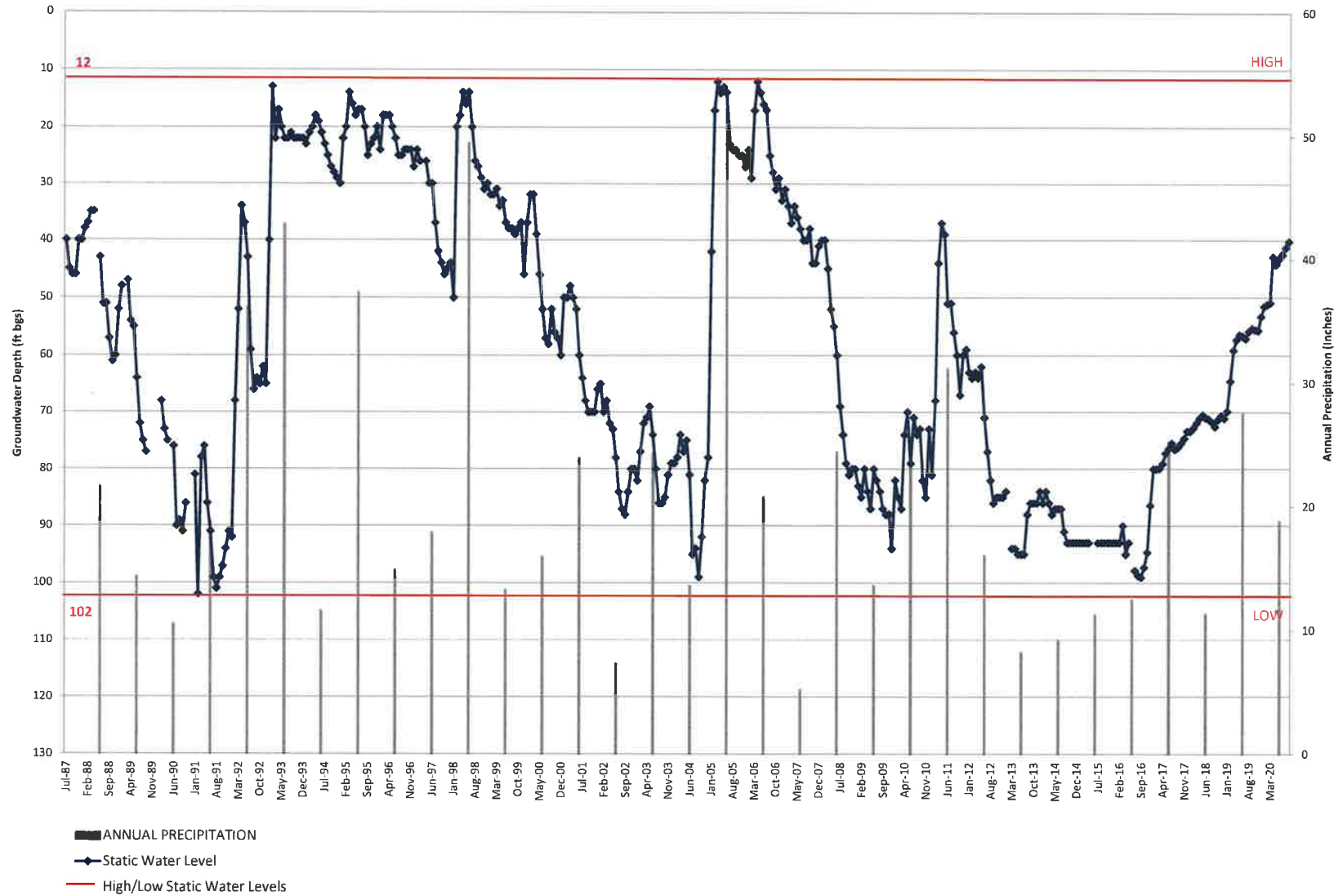
SCV WATER WELL NORTH OAKS WEST #9  
 STATIC WATER LEVEL VS PRECIPITATION



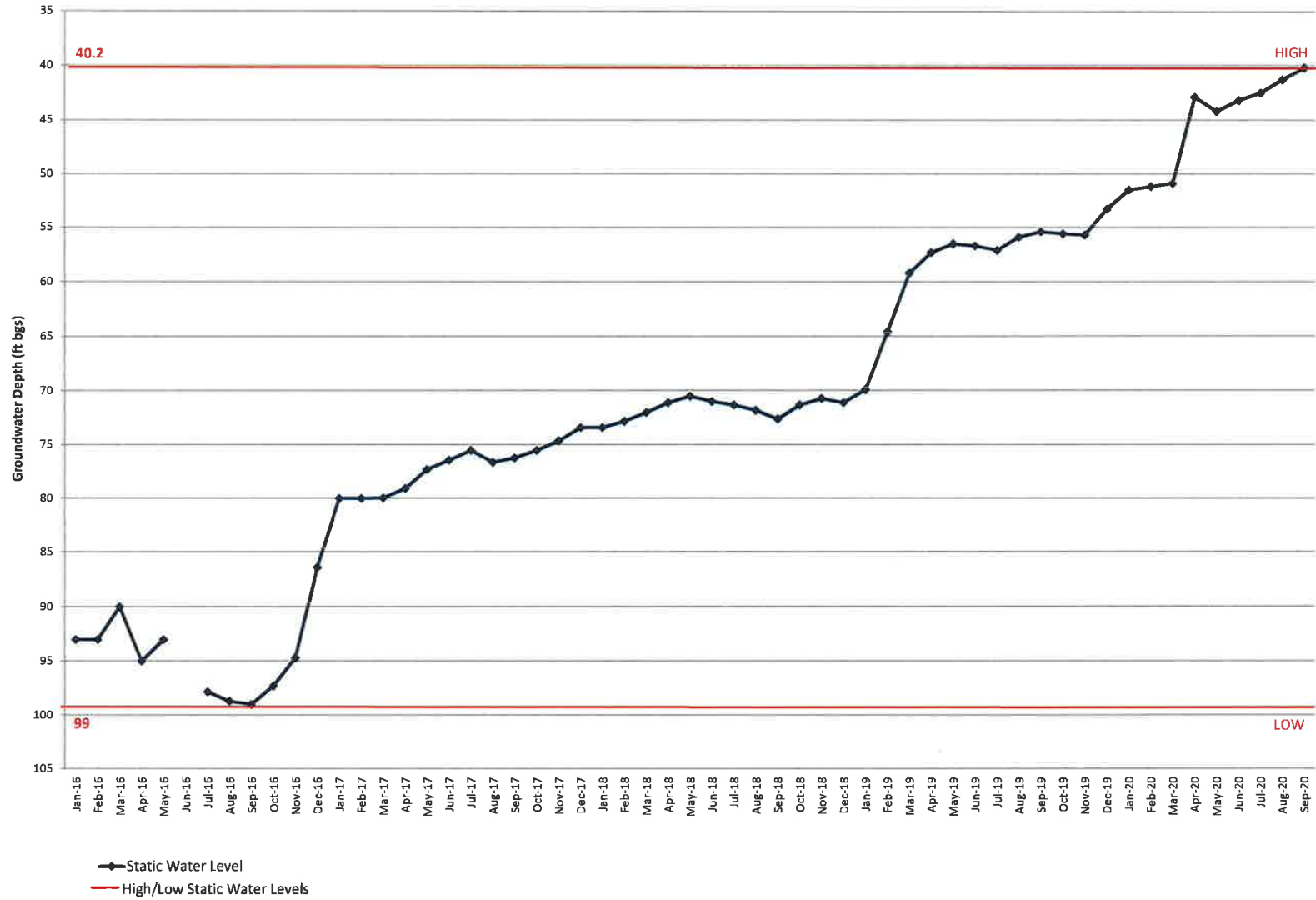
SCV WATER WELL NORTH OAKS WEST #9  
 STATIC WATER LEVEL



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

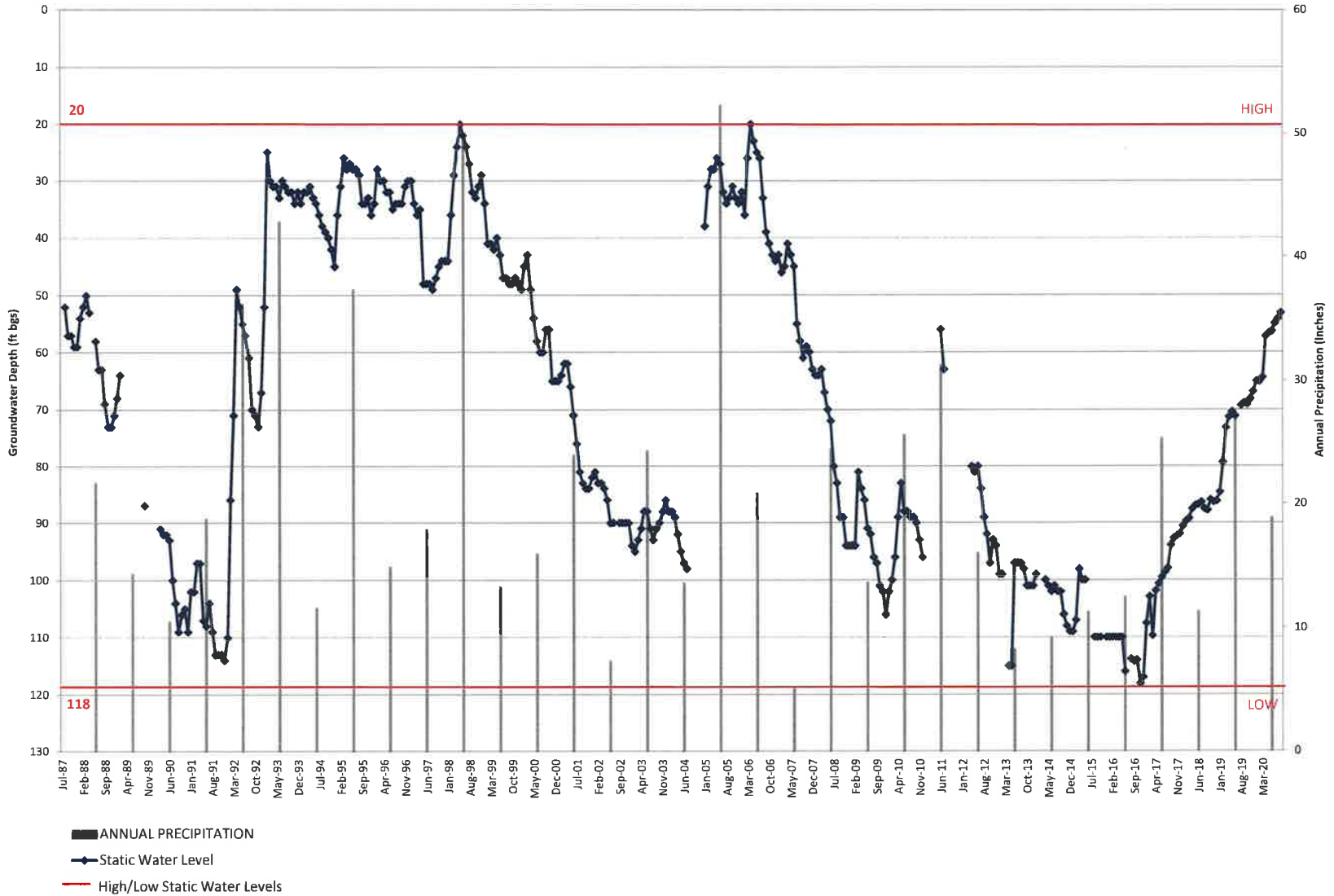


SCV WATER WELL NORTH OAKS EAST #7  
 STATIC WATER LEVEL

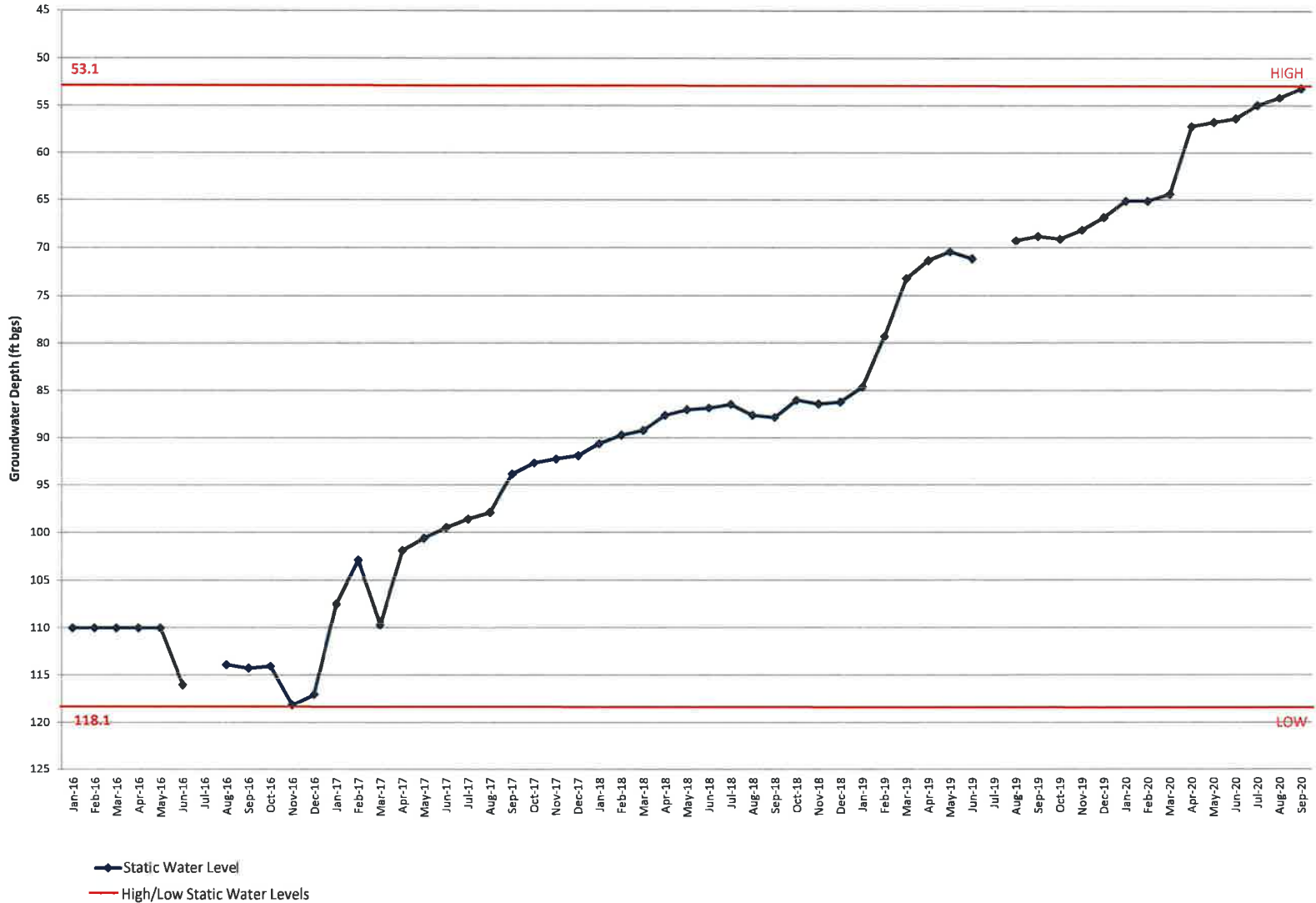




**SCV WATER WELL SIERRA #6**  
**STATIC WATER LEVEL VS PRECIPITATION**



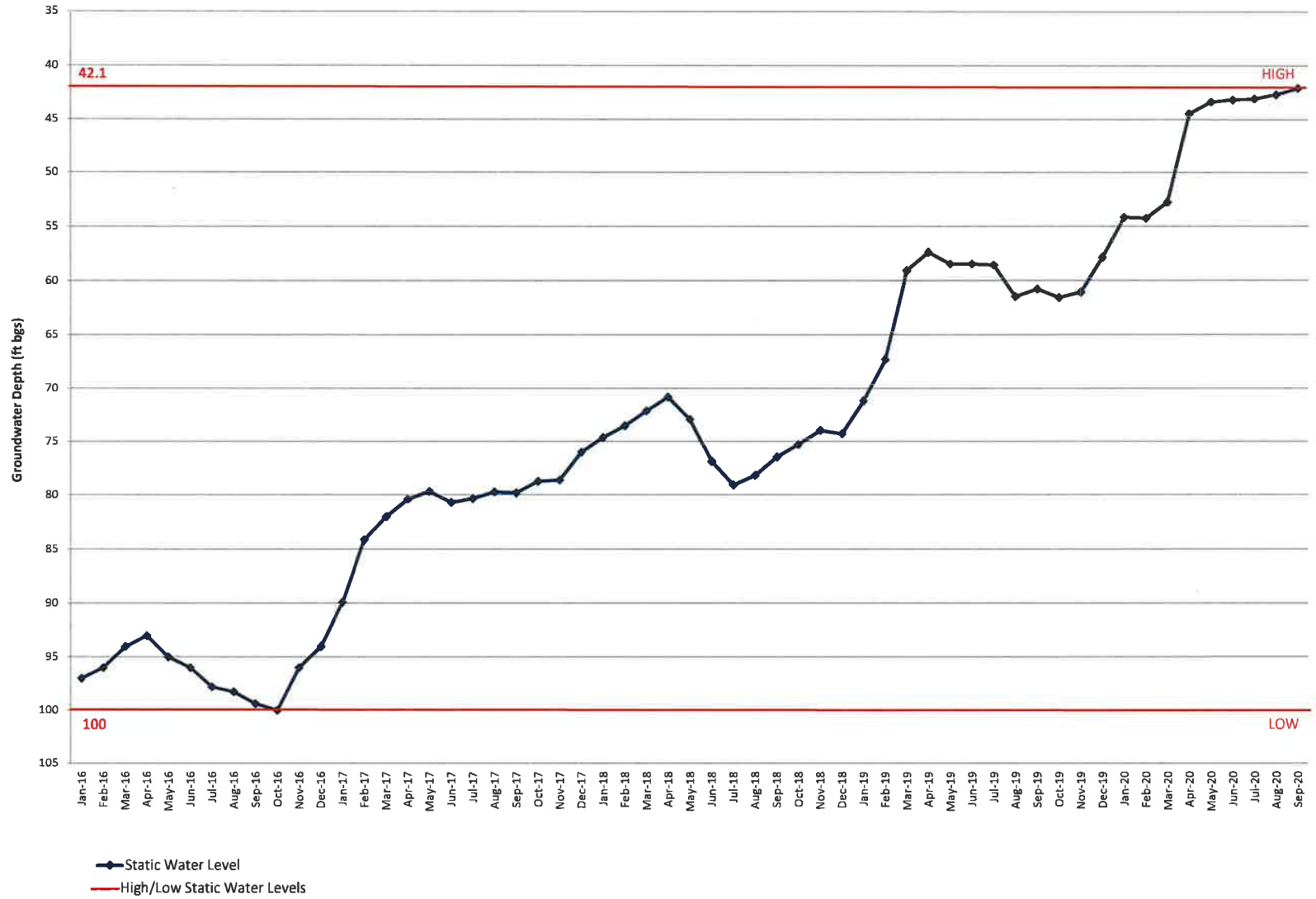
SCV WATER WELL SIERRA #6  
 STATIC WATER LEVEL



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



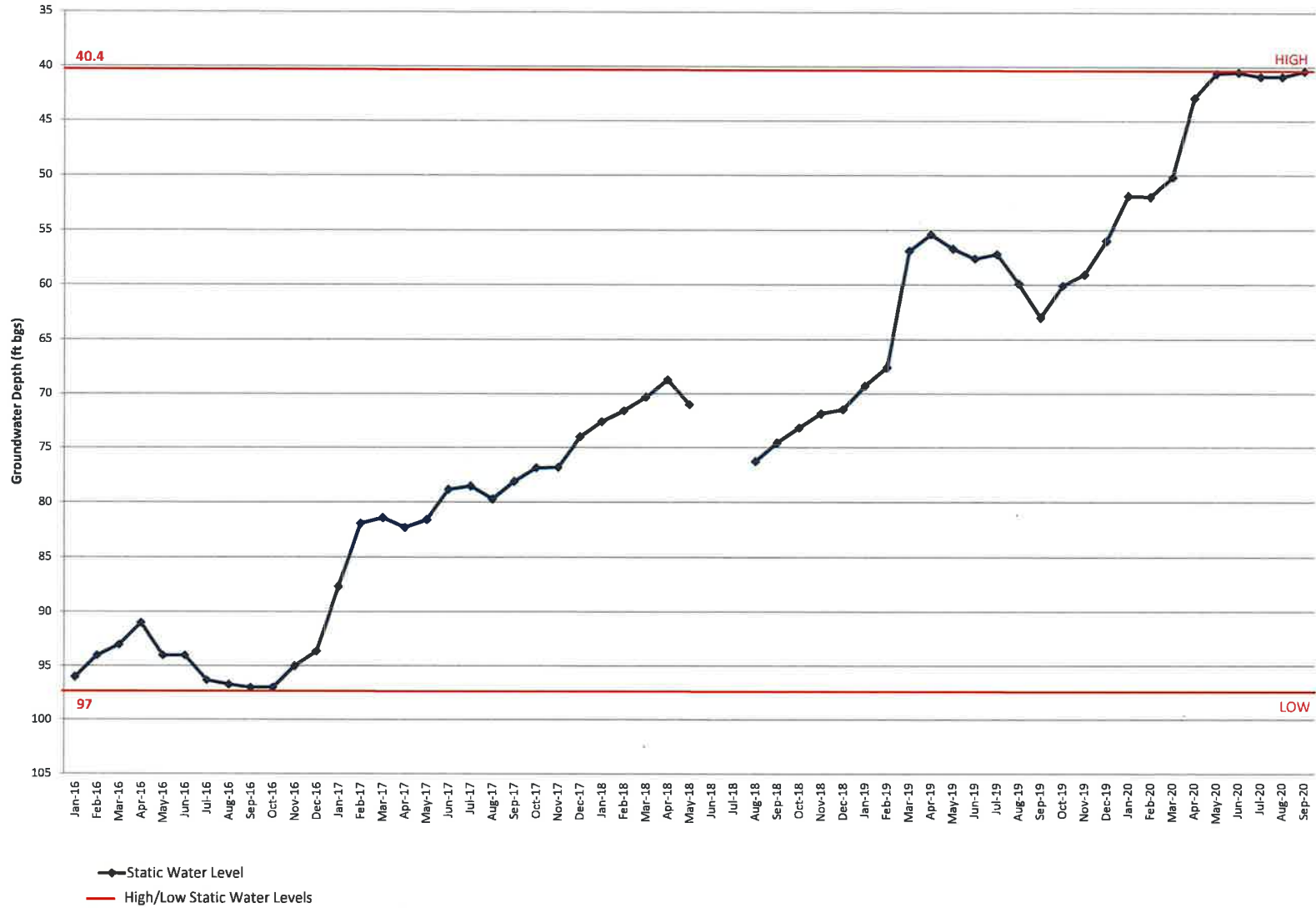
SCV WATER WELL MITCHELL #5A  
 STATIC WATER LEVEL



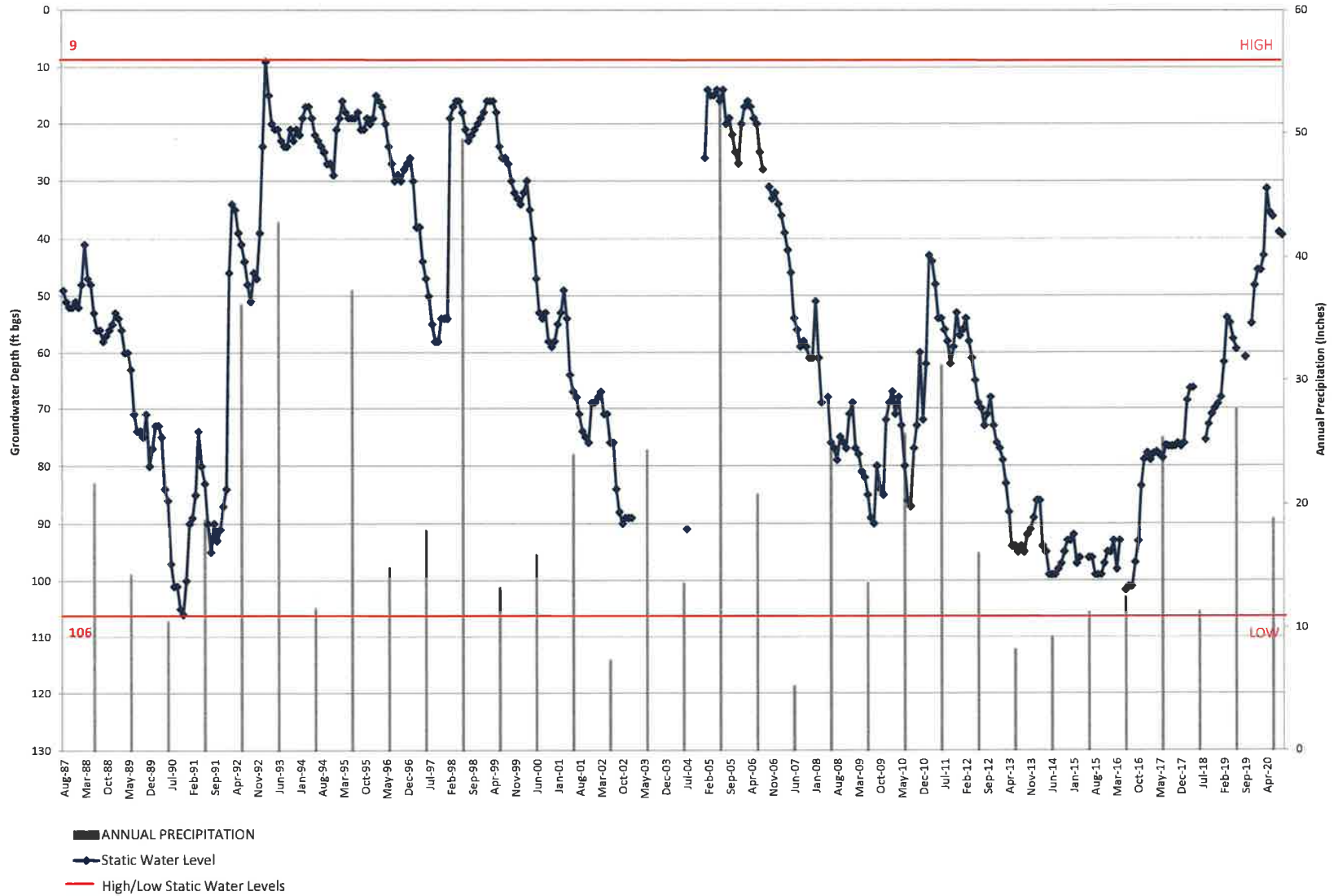
**SCV WATER WELL MITCHELL #5B**  
 STATIC WATER LEVEL VS PRECIPITATION



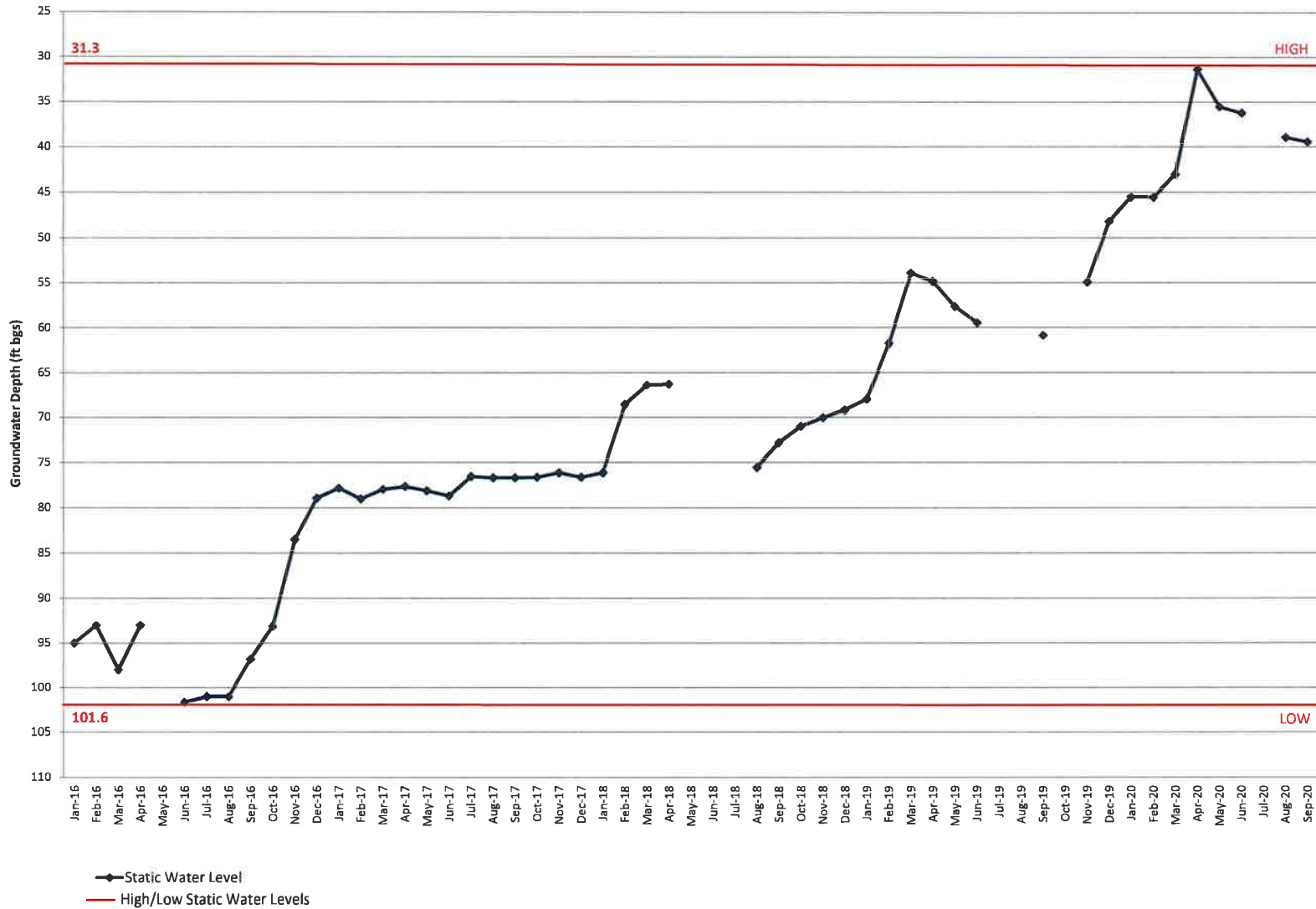
SCV WATER WELL MITCHELL #5B  
 STATIC WATER LEVEL



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

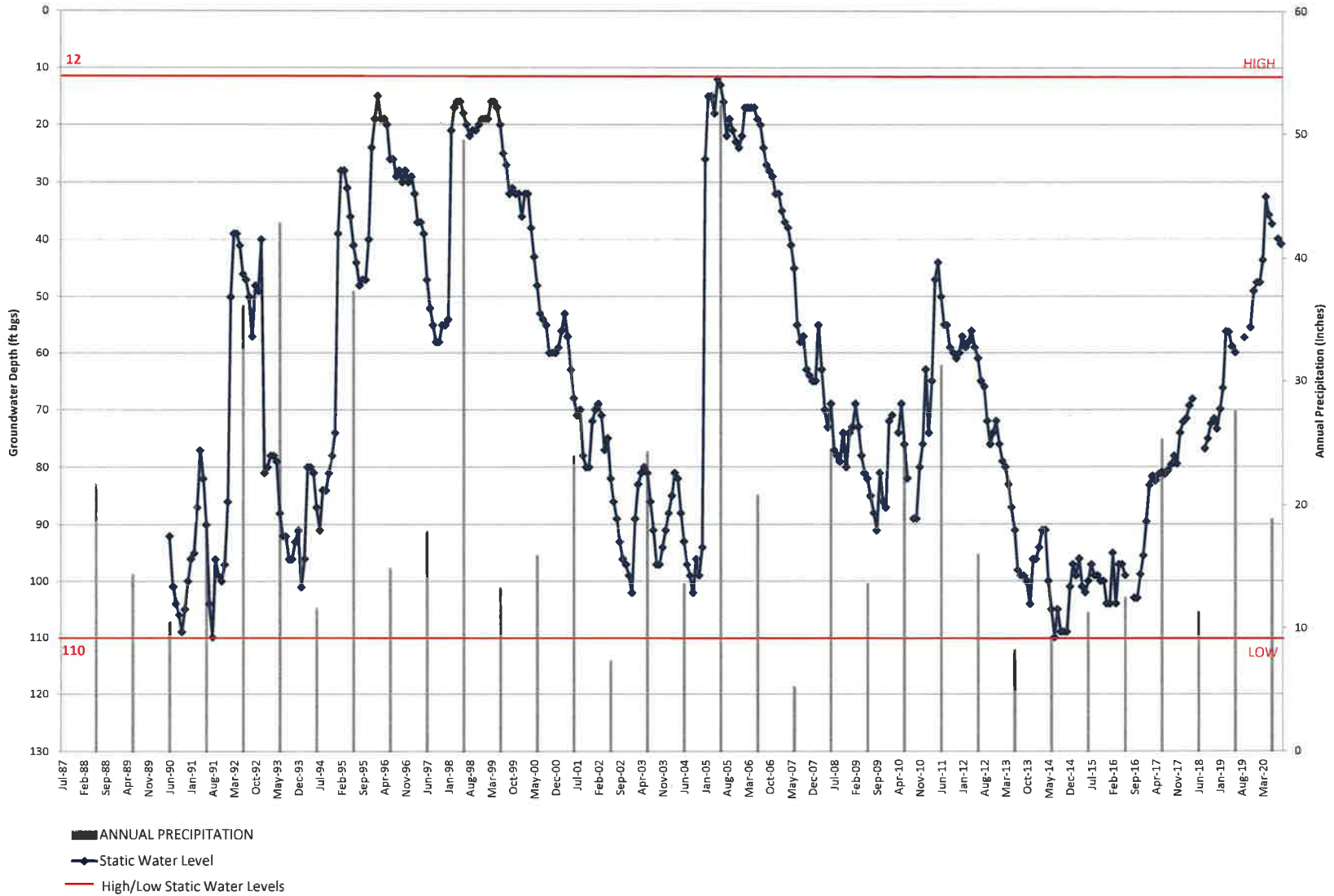


SCV WATER WELL SAND CANYON #3  
 STATIC WATER LEVEL

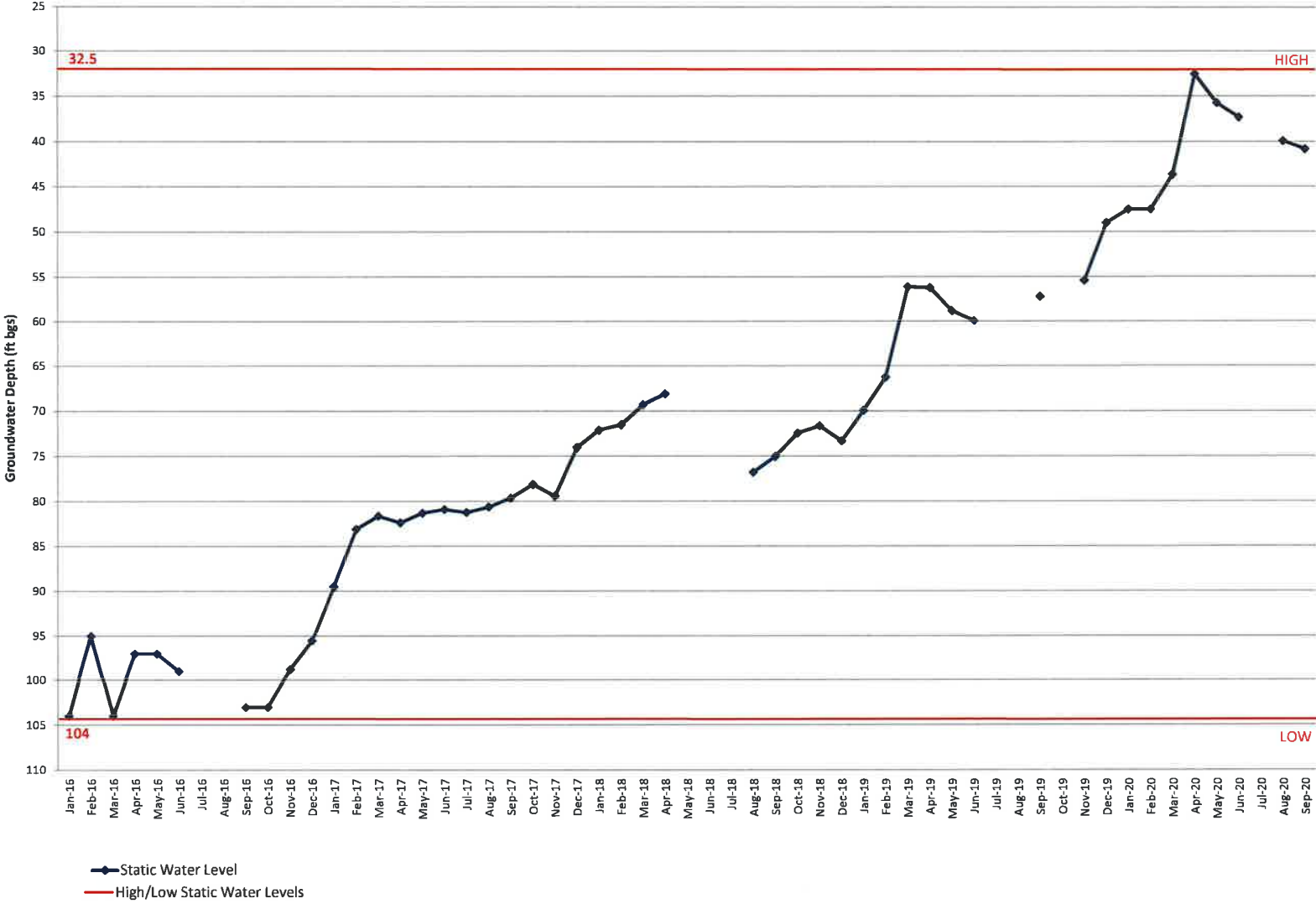




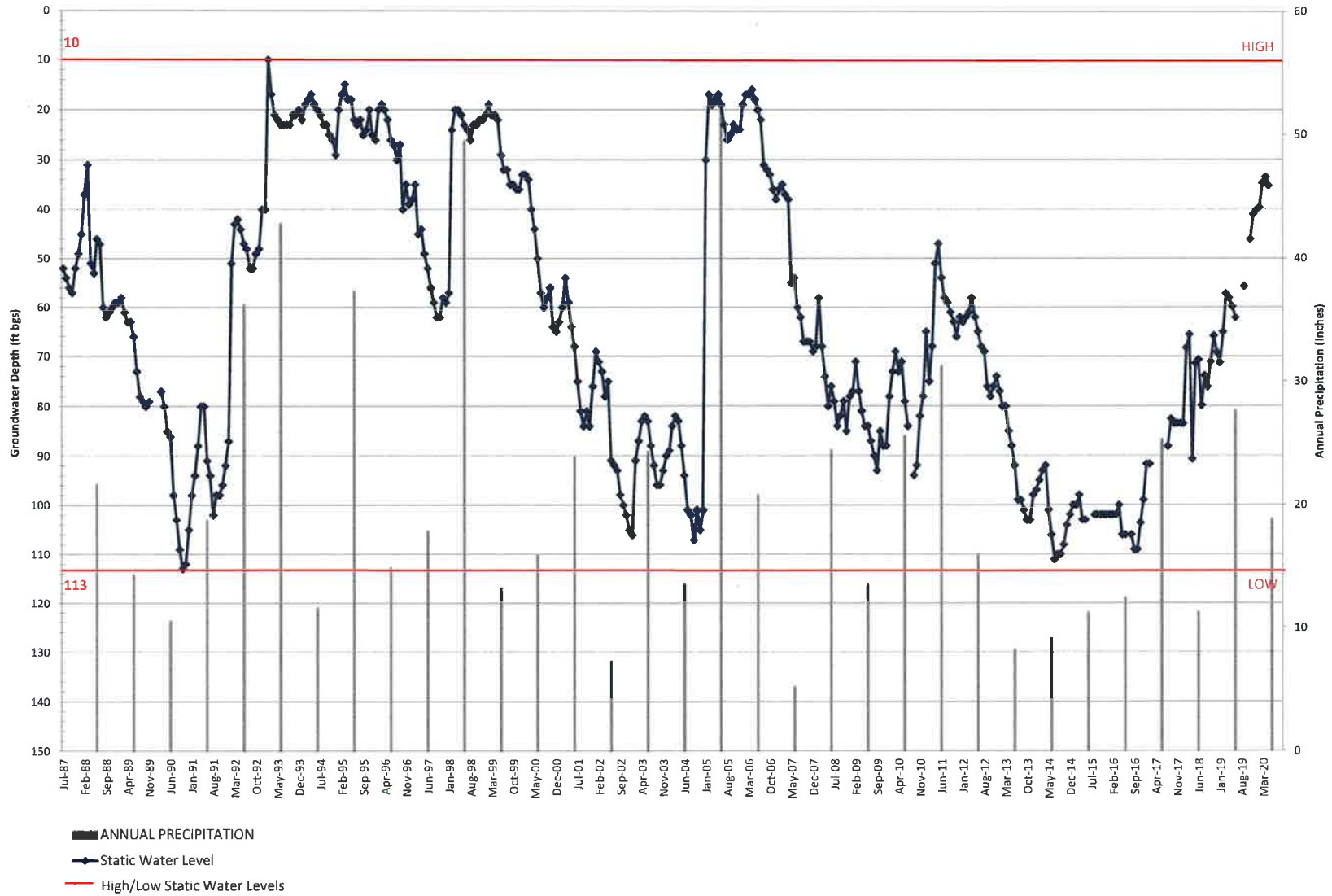
SCV WATER WELL LOST CANYON #2A  
 STATIC WATER LEVEL VS PRECIPITATION



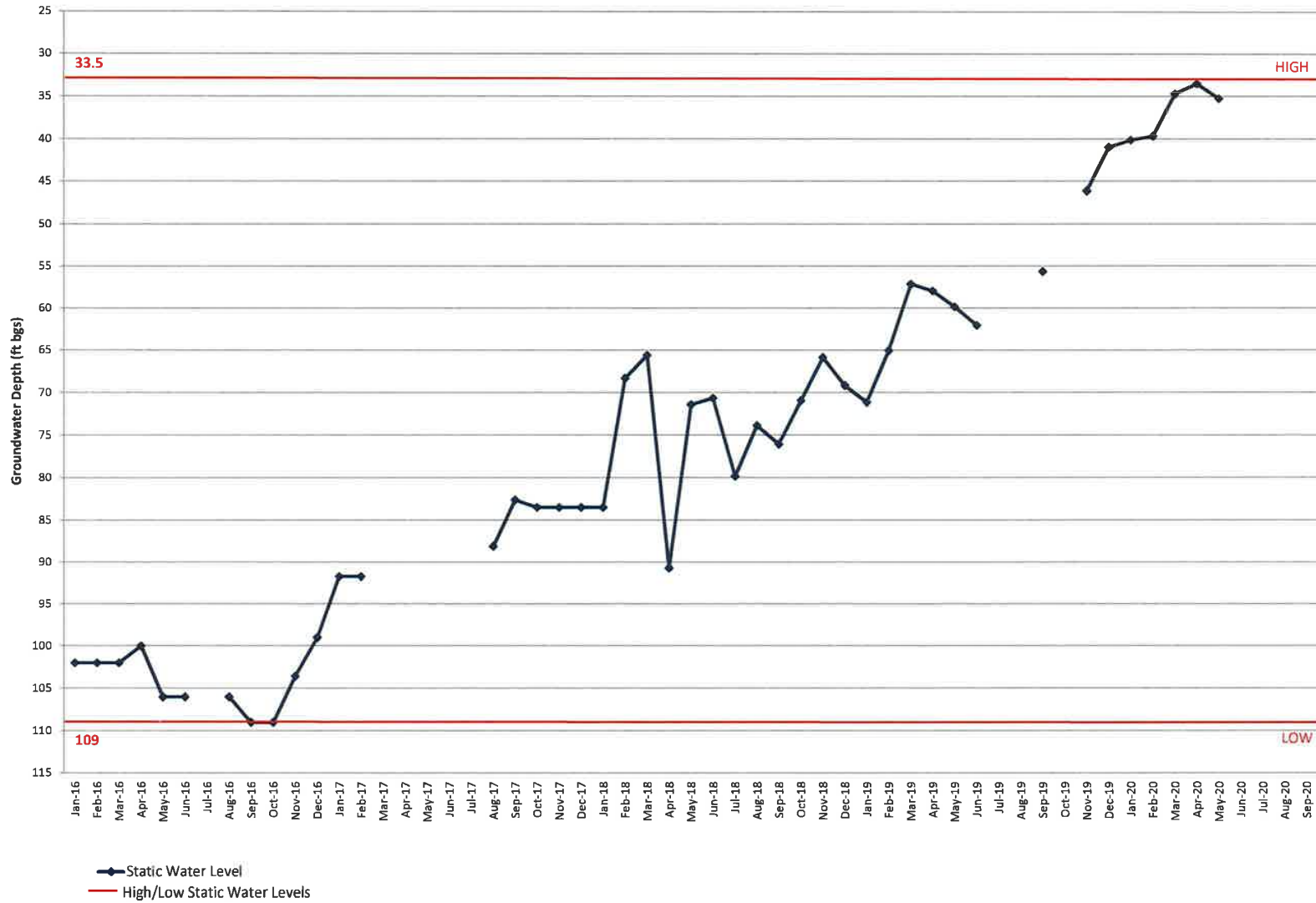
**SCV WATER WELL LOST CANYON #2A**  
**STATIC WATER LEVEL**



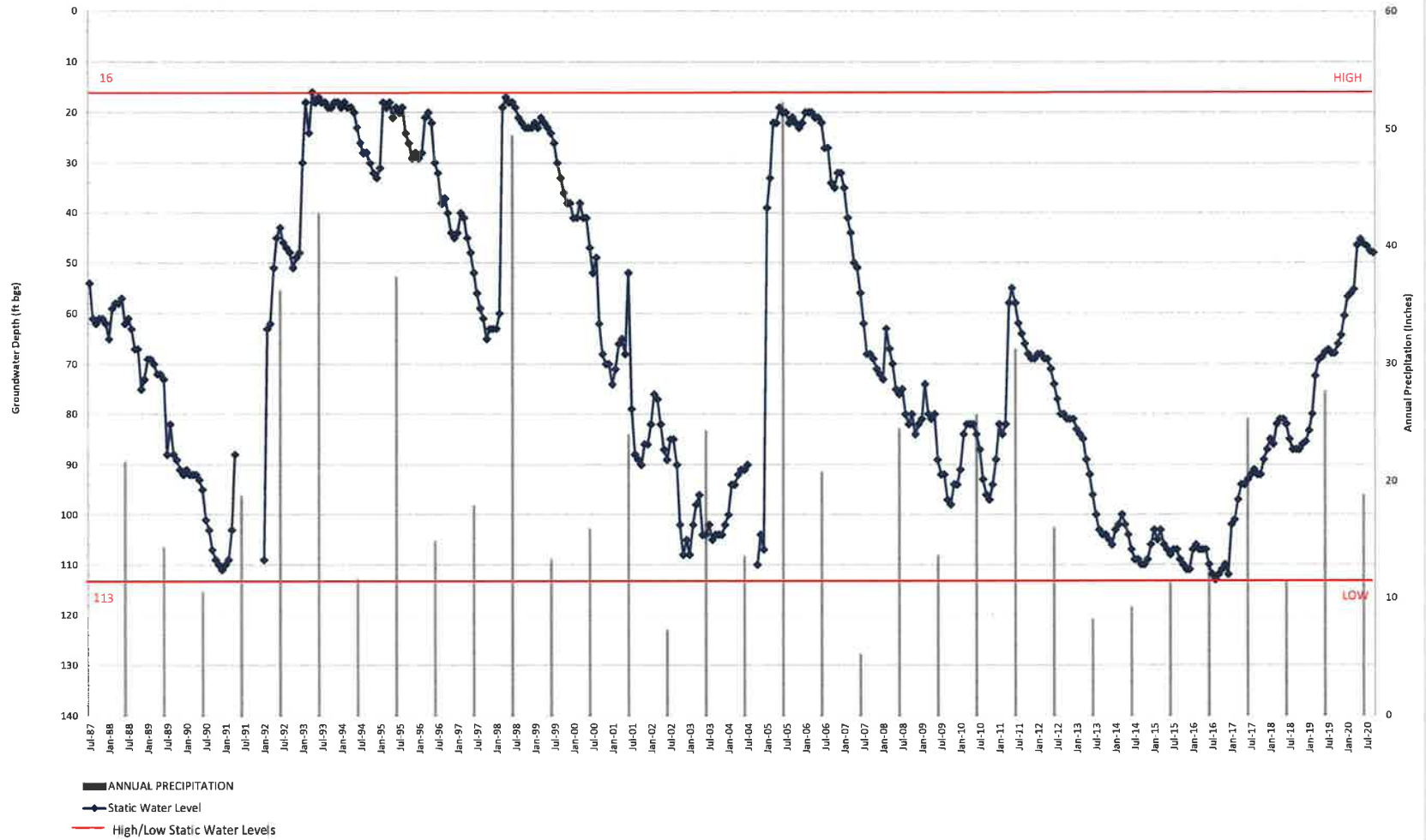
SCV WATER WELL LOST CANYON #2  
 STATIC WATER LEVEL VS PRECIPITATION



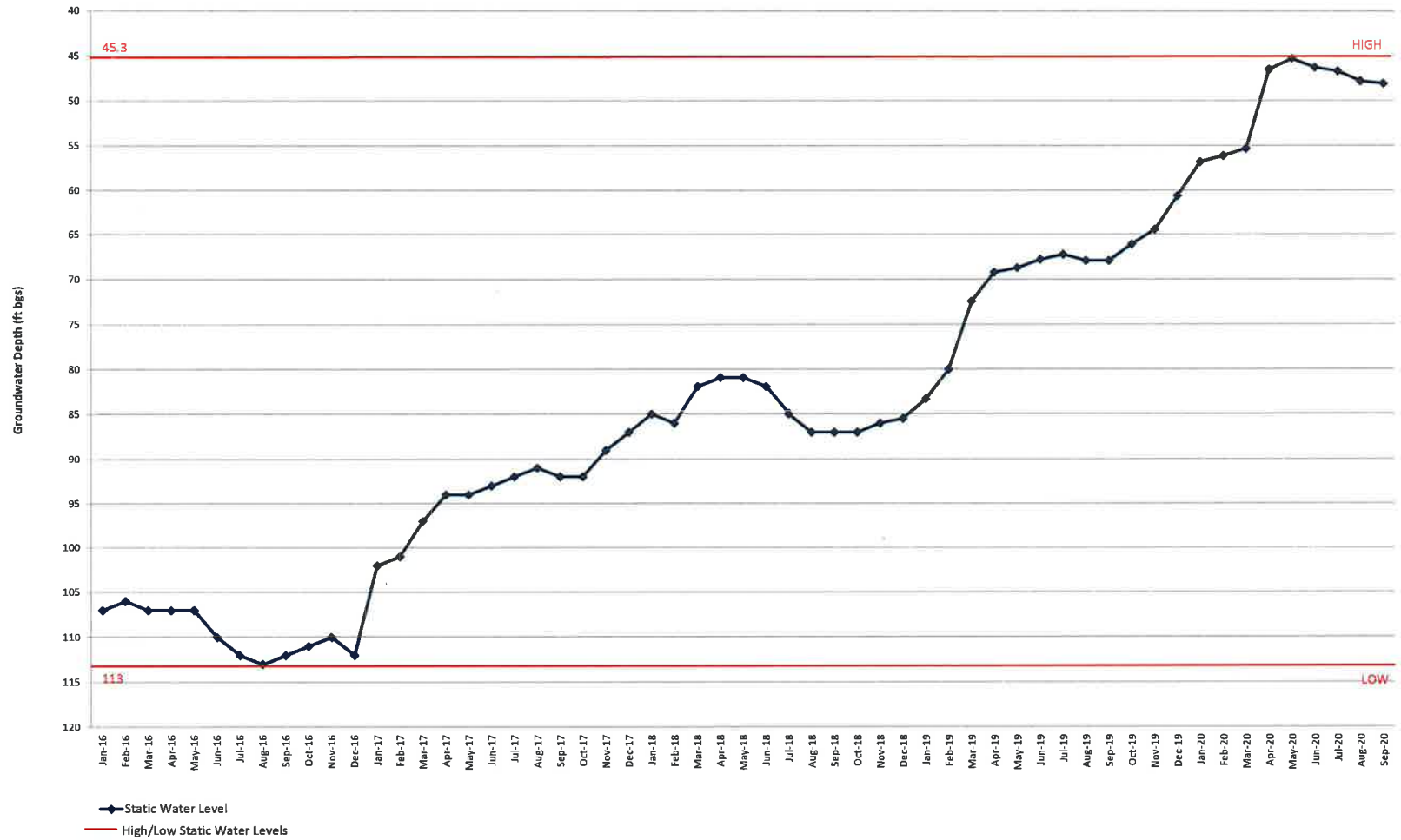
SCV WATER WELL LOST CANYON #2  
 STATIC WATER LEVEL



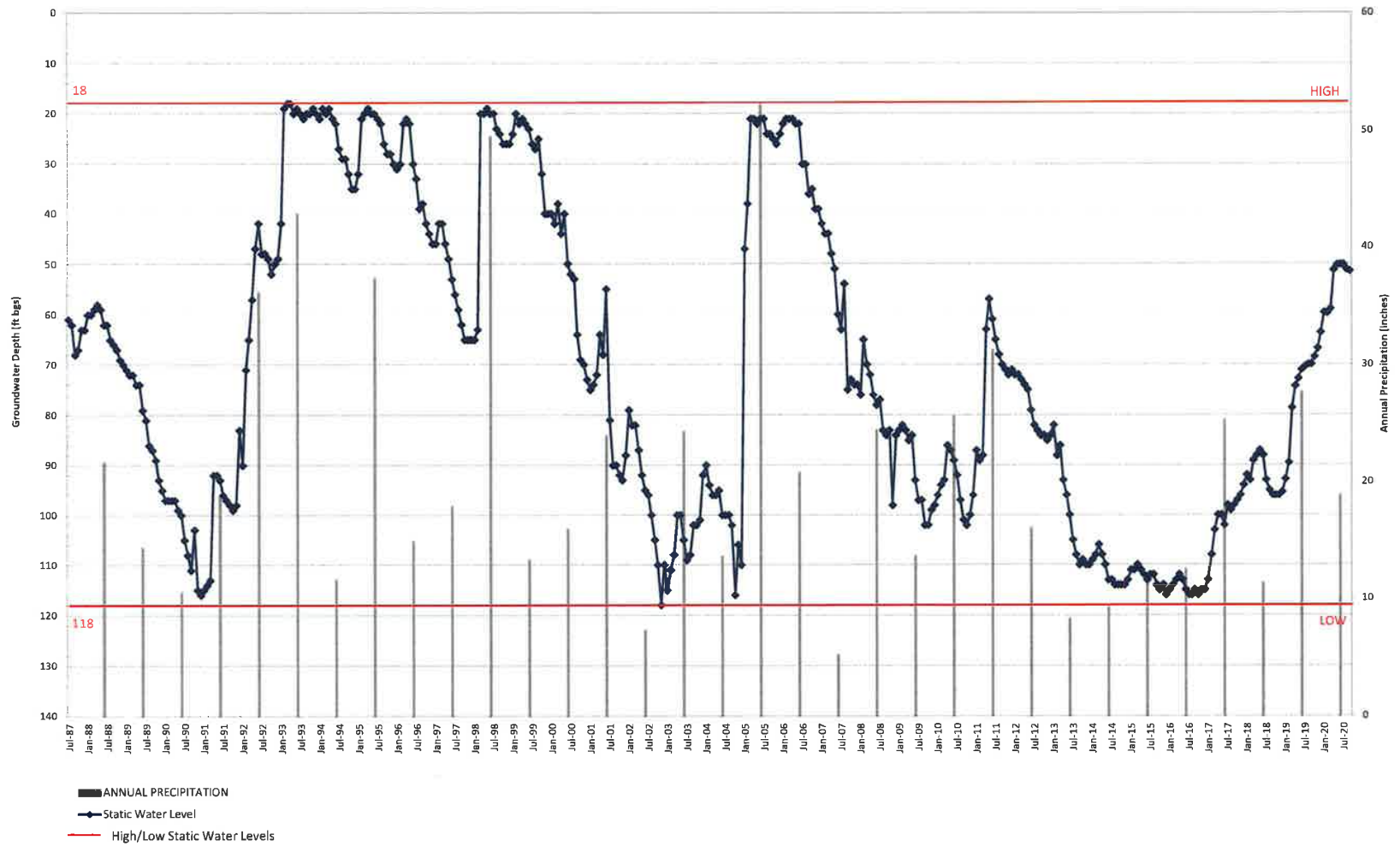
**SCV WATER WELL P4**  
**STATIC WATER LEVEL VS PRECIPITATION**



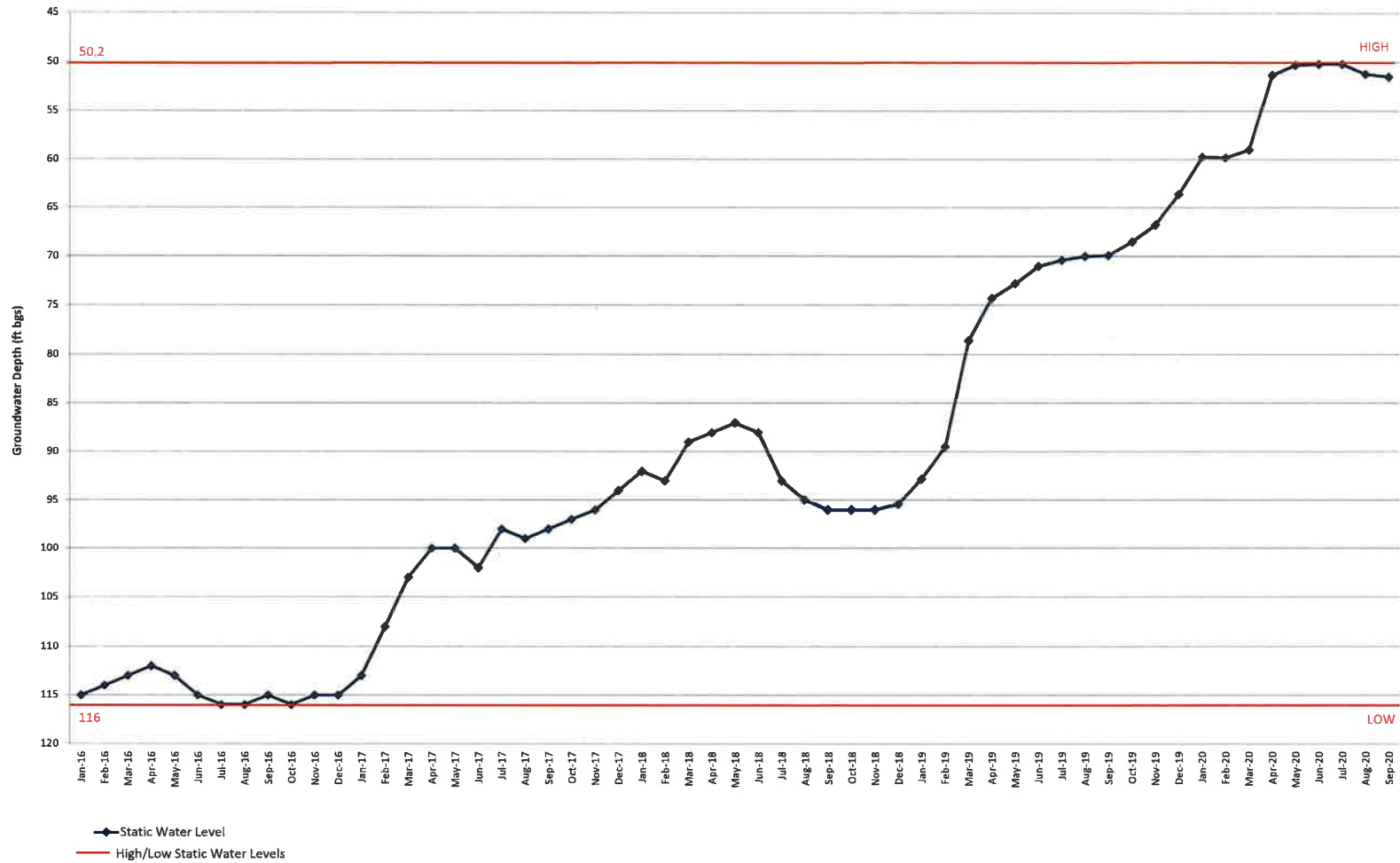
**SCV WATER WELL P4**  
**STATIC WATER LEVEL**



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

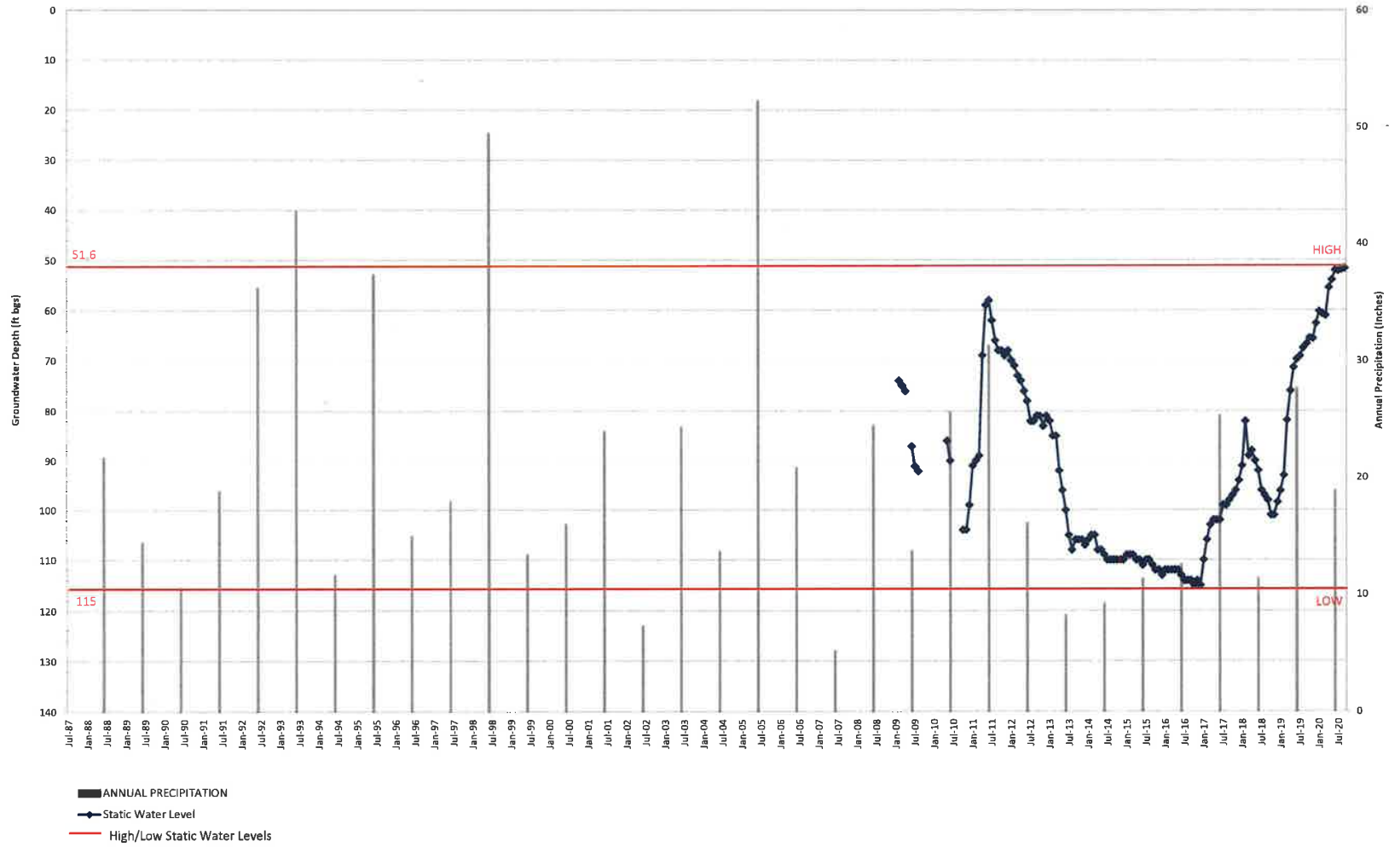


SCV WATER WELL P3  
 STATIC WATER LEVEL

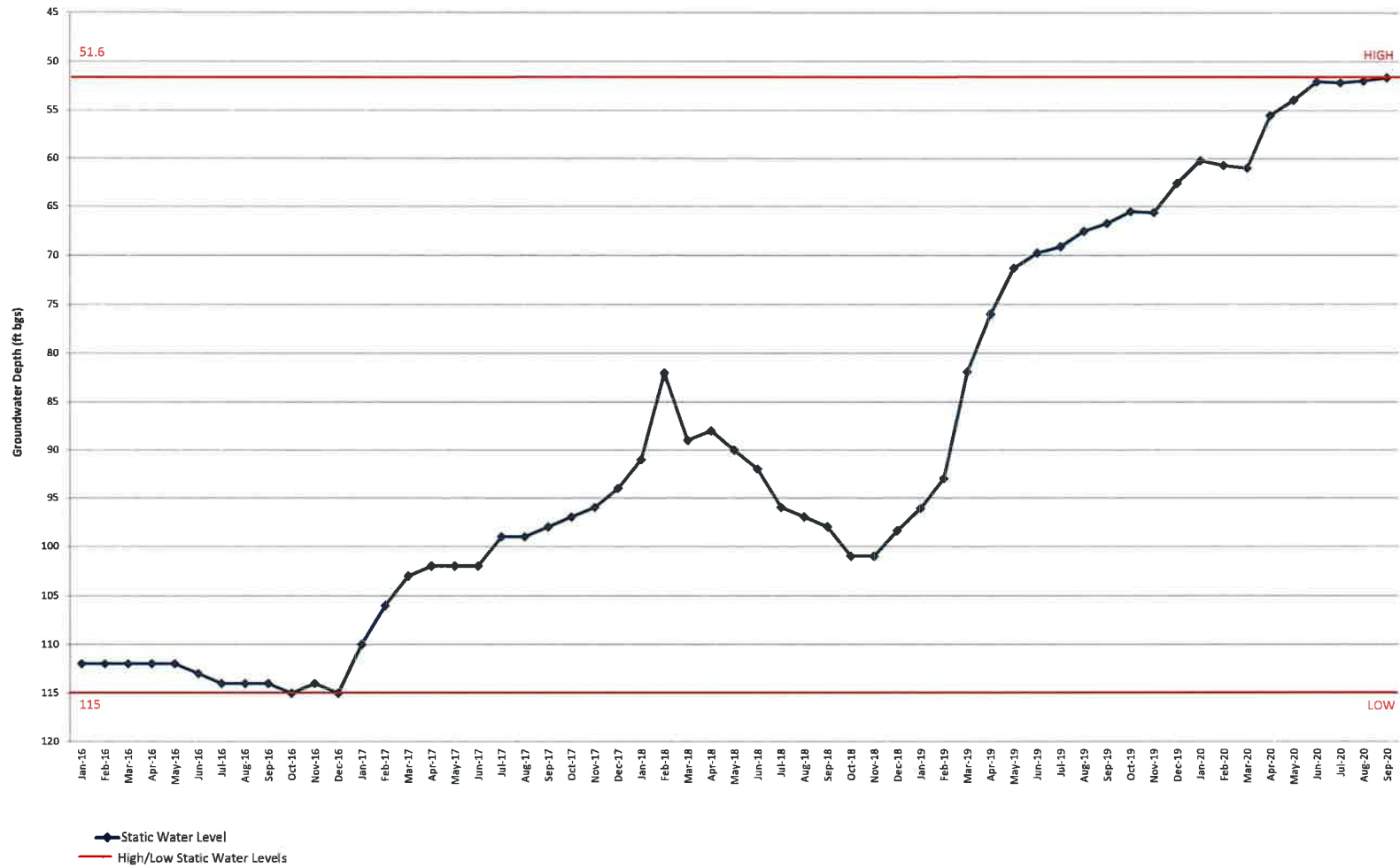




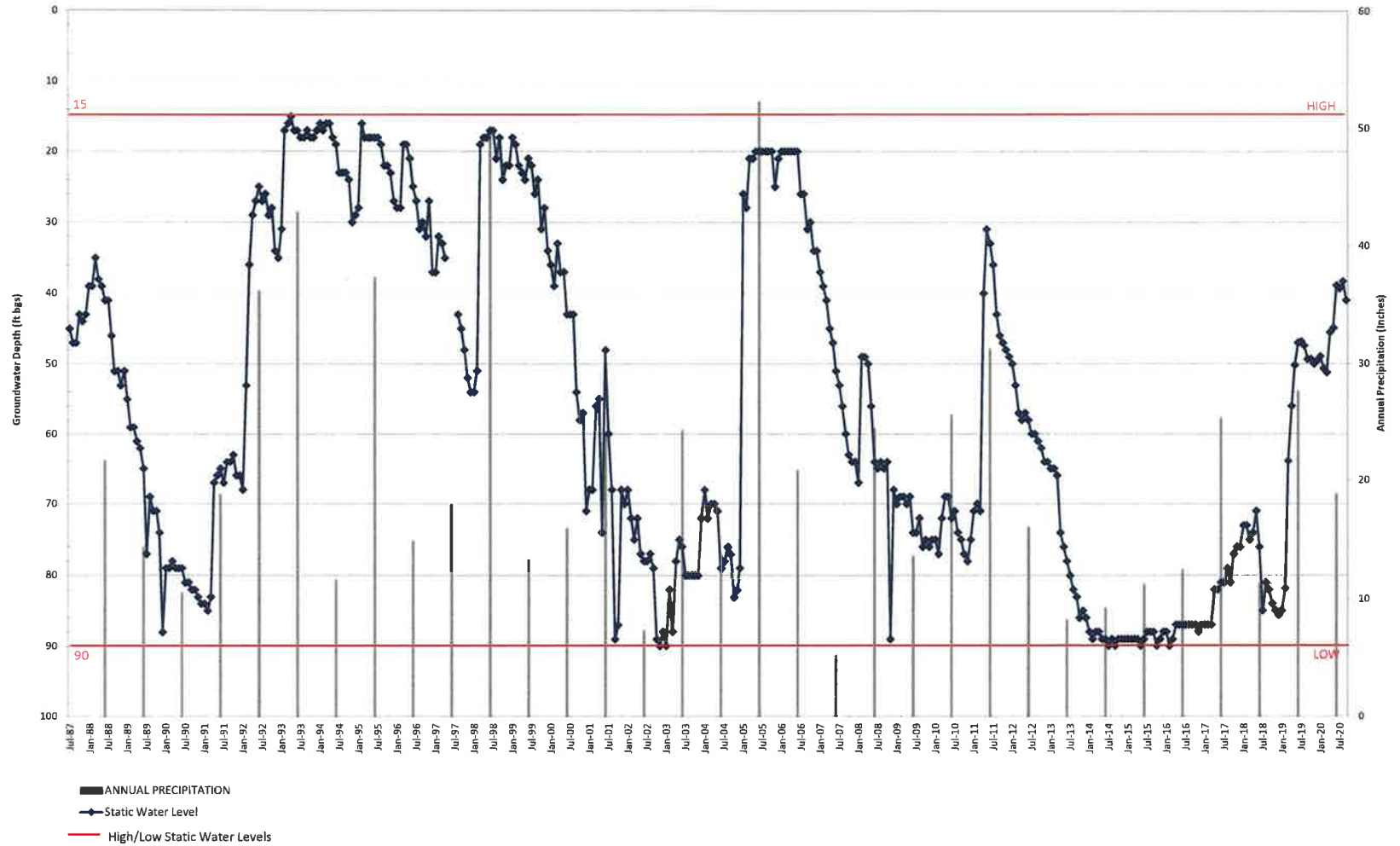
**SCV WATER WELL P5**  
**STATIC WATER LEVEL VS PRECIPITATION**



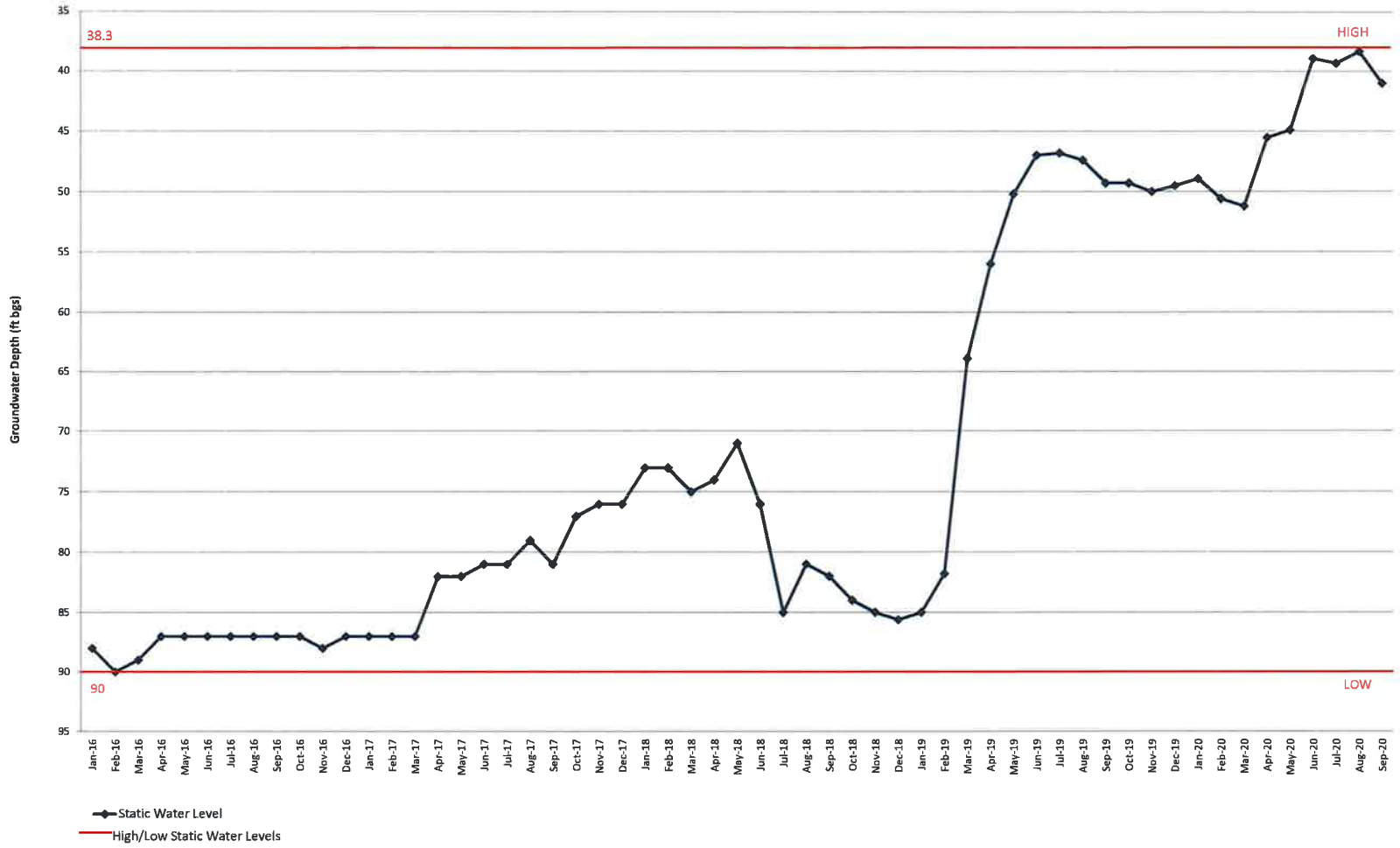
**SCV WATER WELL P5**  
**STATIC WATER LEVEL**



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



**SCV WATER WELL P1**  
**STATIC WATER LEVEL**



**Santa Clarita Valley Water Agency  
Capital Improvement Projects (CIP) Construction Status Report  
As of October 15, 2020**

Project	Contractor	Original Contract Amount	Change Orders to Date	% Change Orders	Current Contract Amount	Scheduled Completion	Estimated % of Work Completed	Status
PFAS Groundwater Treatment Project and Well Q2 Perchlorate Removal Facility - Vessels Purchase	Evoqua Water Technologies, LLC.	\$1,727,960	\$3,974	0.2%	\$1,731,934	November 30, 2020	95%	Construction is in progress.
PFAS Groundwater Treatment Project and Well Q2 Perchlorate Removal Facility - Site Construction	Pacific Hydrotech Corporation	\$4,515,000	\$32,818.63	0.7%	\$4,547,818.63	November 30, 2020	95%	Construction is in progress.
West Ranch Recycled Water Main Extension (Phase 2D)	Cedro Construction Inc.	\$3,112,332	\$100,371.43	3.2%	\$3,212,703.43	December 31, 2020	50%	Pipeline construction is 95% complete. Pump station construction is in progress.
Vista Canyon Recycled Water Main Extension (Phase 2B)	Ferreira Construction Co, Inc.	\$2,752,982	(\$179,101)	(6.5%)	\$2,573,881	January 5, 2021	40%	Revised scope to remove tank access road piping (to be included with tank construction) and a portion of onsite piping within HOA.
Magic Mountain Pipeline Phase 4	FivePoint / Toro Enterprises	\$3,084,725	\$294,130.72	9.5%	\$3,378,855.72	February 1, 2021	90%	Construction activities restarted on 10/05/2020.
Magic Mountain Pipeline Phase 5	FivePoint / Toro Enterprises	\$3,269,978.85	\$0	0%	\$3,269,978.85	February 1, 2021	90%	Construction activities are on hold.

<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>
Westridge Recycled Tank Upgrades Potable Make-up Above Ground Piping	W.A. Rasic Construction Company, Inc.	\$475,810	\$0	0%	\$475,8810	February 27, 2021	0%	Pre-construction meeting scheduled for 10/21/2020.
Magic Mountain Pipeline Phase 6A	FivePoint / Toro Enterprises	\$7,168,844.85	\$0	0%	\$7,168,844.85	April 7, 2021	16%	Construction activities are on hold.
Magic Mountain Pipeline Phase 6B	FivePoint / Leatherwood Construction	\$4,568,687.07	\$0	0%	\$4,568,687.07	June 30, 2021	0%	FivePoint is preparing the construction contract documents with Leatherwood Construction.
Replacement (Saugus 3 & 4) Wells	Best Drilling & Pump, Inc.	\$5,615,052	\$0	0%	\$5,615,052	July 27, 2021	0%	Construction startup in progress.
Commerce Center Drive Pipeline	FivePoint / Blois Construction, Inc.	\$891,139.70	\$0	0%	\$891,139.70	TBD	0%	FivePoint is preparing the construction contract documents with Blois Construction, Inc.

**Santa Clarita Valley Water Agency  
Engineering Services Section  
Third Party Funded Agreements Quarterly Report  
As of October 15, 2020**

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
<b>Active Agreements:</b>						
Aidlin Tract 52796 – Pipeline	Lennar Homes	Design	SCV Water	N/A	\$65,000	Project is on–hold by Developer. Design is 30% complete.
Aidlin Tract 52796 – Pump Station	Lennar Homes	Design	TBD	TBD	\$97,000	Project on–hold by Developer. Design deposit is pending.
Aidlin Tract 52796 – Tanks	Lennar Homes	Design	TBD	TBD	\$156,000	Project on–hold by Developer. Design deposit is pending.
Calgrove Storage	TWB Clarita Storage	Construction	D.M. Sanborn Pipeline	\$90,000	\$9,000	Construction is 95% complete.
Castaic RV Storage	RCMI A/A/F	Design	SCV Water	N/A	\$21,000	Design is in progress.
Commerce Center Drive Bridge Potable and Recycled Pipelines	FivePoint	Design	FivePoint	N/A	\$85,000	Design is in progress.
Demineralization Facility – Fire Hydrant	FivePoint	Construction	FivePoint	N/A	\$80,000	Construction is on–hold.
Excel Buena Park II, L.P. (Residence Inn and Springhill Suites)	Excel Group LLC	Construction	T. Morrissey Corporation	\$86,848	\$13,027	Construction is in progress.
Friendly Station Mart	Fayad Takla	Construction	StormCon	\$45,000	\$11,000	Construction is 85% complete.
Hancock Commerce Center (PM 26363, Parcel 6)	S.D. Herman	Construction	SCV Water/TBD	\$174,000	\$23,000	Pending insurance certificates and pre–construction meeting and submittals.
Magic Mountain Tank No. 2	FivePoint	Construction	FivePoint	N/A	\$125,000	Construction is in progress.
Mission Village - DS542 Potable Water Pipelines	FivePoint	Construction	FivePoint	N/A	\$160,000	Construction is in progress.
Mission Village - DS542 Recycled Water Pipelines	FivePoint	Construction	FivePoint	N/A	\$97,000	Construction is in progress.
Mission Village - Phase All Phases Design Review	FivePoint	Design	FivePoint	N/A	\$300,000	Design review is in progress.
Mission Village – Petersen Tanks	FivePoint	Design	FivePoint	N/A	\$350,000	Design is on–hold.
Mission Village - Petersen Booster Stations-PW & RW Design Services	FivePoint	Design	FivePoint	N/A	\$350,000	Design is on–hold.

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
Mission Village - Tract 61105 –1A Potable and Recycled Water	FivePoint	Construction	FivePoint	N/A	\$175,000	Construction is near completion. Less than 1,000 LF remaining.
Mission Village - Tract 61105 –1C Potable and Recycled Water	FivePoint	Construction	FivePoint	N/A	\$235,000	Construction is near completion. Less than 1,000 LF remaining.
Mission Village - Well 206/207 Pipeline	FivePoint	Construction	FivePoint	N/A	\$28,000	Construction is on-hold until winter 2020.
Mitchell Well 5A Replacement	JSB Development	Design	Richard C. Slade & Associates LLC	TBD	\$58,000	Reviewing alternate sites for replacement well.
Needham Ranch Phase 2- Onsite Water Plans	Lion-TCC Development II, LLC	Design	Alliance Engineering	N/A	\$25,000	Design is 60% complete. First Agency Design review is complete.
Orchard Village Medical Building	OVMC LLC (Intertex)	Construction	Groundwork Engineering Inc.	\$50,000	\$18,000	Construction is 95% complete.
Parcel Map 19163 Parcel 1 – Homewood Suites/Hampton Inn, Newhall Ranch Road	Prince Hospitality LLC	Construction	Tron Construction	\$60,000	\$28,000	Pending construction. Waiting on insurance certificates, pre-construction meeting and submittals.
Parcel Map 60030, Parcels 1–8< Chase Place.	Krusinski/IAC	Construction	J.A. Salazar Construction & Supply Corp.	\$79,500	\$19,950	Construction is 95% 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.
Plum Canyon Tract 73858 Lot 1	Toll Brothers	Construction	Staats Construction	\$856,000	\$114,600	Construction is 90% complete. Conducting final inspections and punch list. Developer to provide easement.
Skyline Pump Station No. 2	Pardee Homes	Design	Cannon	TBD	\$150,000	Design is in progress.
Skyline Ranch Road Bridge Crossing 16" and 20" Water Mains	Pardee Homes	Construction	Mesa Engineering	\$214,359	\$21,436	Construction is 90% complete. Pending tie-ins.
Skyline Ranch Tract 60922 – Sierra Highway 16-inch Deane Zone Pipeline	Pardee Homes	Construction	Mesa Engineering	\$1,428,000	\$142,800	Construction is 30% complete.
Skyline Ranch Tract 60922 – Sierra Highway 20-inch North Oaks Pipeline	Pardee Homes	Construction	Mesa Engineering	\$723,194	\$72,319	Construction is 90% complete. Pending tie-ins.
Skyline Ranch Tract 60922 – Site Improvements for Two 0.87 MG Tanks	Pardee Homes	Construction	Mesa Engineering, Coleman-Pacific, Tejon Constructions	\$538,477	\$53,137	Construction is 90% complete.



Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
Skyline Ranch Tract 60922 – Two 0.87 MG Tanks (Skyline Ranch Zone)	Pardee Homes	Construction	Paso Robles	\$1,879,001	\$187,900	Tank construction is 90% complete. Pending testing.
Skyline Ranch Tract 60922–02 Planning Area G	Pardee Homes	Design	Civiltec	TBD	\$65,000	Design is 50% complete.
Skyline Ranch Tract 60922–02 Planning Area H	Pardee Homes	Design	Civiltec	TBD	\$75,000	Design is 90% complete.
Skyline Ranch Tract 609022–02 Vertex Way Pipelines	Pardee Homes	Construction	Mesa Engineering	\$480,488	\$48,000	Construction is 90% complete.
Skyline Ranch Tract 60922–05 Planning Area 02	Pardee Homes	Construction	Mesa Engineering	\$762,300	\$76,230	Construction is 95% complete.
Tesoro del Valle – Pump Station	BLC Tesoro LLC	Design	Civiltec	TBD	\$30,000	Design is 30% complete.
Tesoro del Valle – Two 1.2 MG Tanks	BLC Tesoro LLC	Design	Civiltec	TBD	\$40,000	Design is 30% complete.
Tesoro del Valle – Water Line Distribution and PRV Station	BLC Tesoro LLC	Design	Fusco Engineering	TBD	\$50,000	Fourth plan check is pending.
Tract AVT 52455–16	Ashdon Development	Construction	Intertex General Contractors, Inc.	\$85,043	\$17,000	Construction is 95% complete.
Tract 74718 Dockweiler	Dockweiler 21 LLC	Design	Forma Engineering	TBD	\$5,000	Plan check is in progress, Developer Agreement pending.
Valencia Town Center Square – Phase 2	VTC Square Investors, LLC	Construction	Staats Construction	\$80,000	\$22,010	Construction is substantially complete.
Vista Canyon Apartments	JPI	Construction	Tejon Constructions	\$60,000	\$6,000	First phase of construction is complete. Operations is looking for a location to place 3" meter vaults in Mitchell Drive. Easement cover sheet is in the review process for client to sign.
Vista Canyon Tract 69164 – KB Homes	KB Homes	Construction	Boudreau Pipeline	\$57,000	\$5,600	First phase construction is substantially complete.
Vista Canyon Tract 69164 Phase 2 – Portion 3 – Potable Water	Vista Canyon LLC	Construction	Mesa Engineering	\$376,259	\$37,626	Construction is 90% complete. Pending tie-in at La Veda Blvd.
Westside Communities Potable Water Infrastructure Plan	FivePoint	Planning	FivePoint	N/A	\$69,000	FivePoint is revising the Potable Water Infrastructure Plan.
Westside Communities Recycled Water Infrastructure Plan	FivePoint	Planning	FivePoint	N/A	\$40,000	Recycled Water Infrastructure Plan is on-hold.
27918 Franklin Parkway – Water Meters	Logix	Construction	Gall Brothers	\$30,000	\$3,000	Construction is 95% complete.
76 Gas Station at 25048 Valencia Blvd.	Sahika Corporation	Construction	Karaki WS	\$58,000	\$5,800	Construction is 95% 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 are pending.
Concord Development Tract 53425 – 01	Lennar	Design	Turf Construction	\$100,000	\$10,000	Released Bonds.
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 are pending.
25333 Railroad Avenue (Storage Facility) – Fire Service	Norris Construction	Construction	Mesa Engineering	\$21,000	\$2,100	Construction is complete. Installation of backflow by developer is pending
Plum Canyon Tract 46018–11 Pump Station (Civil/Mechanical)	Pardee & Toll Brothers	Construction	Staats Construction	\$648,597	\$61,000	Construction is complete. Conducting final inspections and punch list.
Plum Canyon Tract 46018–11 Pump Station (Electrical)	Pardee & Toll Brothers	Construction	Coleman–Pacific	\$467,000	\$46,700	Construction is complete. Conducting final inspections and punch list.
Sheriff Station – 16” Water Main Extension in Golden Valley Road	City of Santa Clarita	Construction	Mesa Engineering	\$1,347,745	\$137,700	Construction is complete. Coordinating with contractor on contract closeout.
Skyline Ranch Plaza Tract 46018–11A	Intertex	Construction	Groundbreakers Construction	\$288,314	\$28,832	Construction is complete.
Skyline Ranch Tract 60922–01 Backbone Pipelines	Pardee Homes	Construction	Mesa Engineering	\$1,417,928	\$142,000	Construction is complete. Conducting final inspections and punch list.
Skyline Ranch Tract 60922–01 Paseo	Pardee Homes	Construction	Mesa Engineering.	\$68,159	Included in PA–01	Construction is complete. Conducting final inspections and punch list.
Skyline Ranch Tract 60922–01 Planning Areas A & B & PA–01	Pardee Homes	Construction	Mesa Engineering	\$675,824	\$67,600	Construction is complete. Conducting final inspections and punch list.
Skyline Ranch Tract 60922–01 Planning Areas C & D	Pardee Homes	Construction	Staats Construction	\$533,300	\$53,330	Construction is complete. Conducting final inspections and punch list
Skyline Ranch Tract 60922–01 Planning Areas E1 & F	Pardee Homes	Construction	Mesa Engineering	\$707,700	\$70,700	Construction is complete. Conducting final inspections and punch list
Skyline Ranch Tract 60922–01 Stratus Street	Pardee Homes	Construction	Mesa Engineering	\$817,031	\$81,703	Construction is complete. Conducting final inspections and punch list
Skyline Ranch Tract 60922–01 Stratus Street Gap Section	Pardee Homes	Construction	Mesa Engineering	\$93,141	\$9,314	Construction is complete. Conducting final inspections and punch list

<b>Project</b>	<b>Third Party Funding Source</b>	<b>Planning, Design, Construction</b>	<b>Contractor/Consultant</b>	<b>Construction Amount</b>	<b>SCV Water Deposit Amount</b>	<b>Status</b>
Skyline Ranch Tract 60922-04 Planning Area E-2	Pardee Homes	Construction	Staats Construction	\$369,597	\$36,960	Construction is complete. Conducting final inspections and punch list
Skyline Ranch Tract 60922-05 Planning Area N	Pardee Homes	Construction	Mesa Engineering	\$150,876	\$15,087	Construction is complete. Conducting final inspections and punch list
Vista Canyon Tract 69164 Phase 1A Potable and Recycled Pipelines	Vista Canyon LLC	Construction	Mesa Engineering	\$673,532	\$67,400	Construction is complete. Conducting final inspections and punch list.
Vista Canyon Tract 69164 Phase 2 – Portion 2 – Potable and Recycled Pipelines	Vista Canyon LLC	Construction	Mesa Engineering	\$392,693	\$39,269	Construction is complete. Conducting final inspections and punch list.
Vista Canyon Tract 69164 Phase 2 – Portion 1 – Potable Pipelines	Vista Canyon LLC	Construction	Mesa Engineering	\$241,112	\$24,100	Construction is complete. Conducting final inspections and punch list.
Vista Canyon Tract 69164 Phase 2 – Portion 3 – Recycled Water	Vista Canyon LLC	Construction	Mesa Engineering	\$261,252	\$26,125	Construction is complete. Conducting final inspections and punch list.

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**Engineering and Operations Committee  
Planning Calendar  
FY 2020/21**

**ITEM NO.  
8**

Item	PowerPoint Presentation (Y/N/Length)	Jul 1 Comm	Jul 7 Board	Aug 4 Board	Aug 6 Comm	Aug 18 Board	Sep 1 Board	Sep 3 Comm	Sep 15 Board	Oct 1 Comm	Oct 6 Board	Oct 20 Board	Nov 4 Board	Nov 5 Comm	Nov 17 Board	Dec 1 Board	Dec 3 Comm	Jan 5 Board	Jan 7 Comm	Feb 2 Board	Feb 4 Comm	Mar 2 Board	Mar 4 Comm	Apr 1 Comm	Apr 6 Board	May 4 Board	May 10 Comm	Jun 1 Board	Jun 3 Comm	Jul 6 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 19-20)	Yes 15 min					C																							
7	Recommend Approval of a Resolution Awarding a Construction Contract, a Purchase Order for Construction Management and Inspection Services, and a Purchase Order for Consultant Services for Replacement Wells Construction	Yes 10 min	C	C																										
8	Recommend Approval of a Resolution Awarding a Purchase Order for Design Services for the Replacement Wells On-Site Pipeline/Infrastructure	Yes 10 min	C	C																										
9	Recommend Approval of a Resolution Awarding a Construction Contract for the Recycled Water Tank Aboveground Piping Potable Make-Up Line Project	Yes 10 min	C	C																										
10	Recommend Approval of a Purchase Order for Final Design Services for Valley Center Well PFAS Groundwater Treatment	Yes 10 min	C	C																										
11	Recommend Approval of Purchase of Replacement Clarifier Media at Earl Schmidt Filtration Plant	Yes 10 min			C	C																								
12	Laboratory PFAS Analytical Equipment Purchase	None			C	C																								
13	Recommend Approval of a Purchase Order for Final Design Services for Recycled Water Tank at an Alternate Site for Recycled Water Vista Canyon (Phase 2B) Project	Yes 10 min			C	C																								
14	Recommend that the Board of Directors Reject all Bids Associated with the Santa Clarita Valley Water Agency Slurry Seal and Asphalt Installation Project for the Rio Vista Treatment Plant Location	None						C	C																					
15	Recommend Approval of the Installation of Approximately 400 feet of 30" Diameter Pipeline Along Ridge Route Road	None						C	C																					
16	Recommend Approval of the installation of Approximately 1,500 feet of 14" Diameter Pipeline Along Decoro Drive	None						C	C																					
17	Recommend Approval of the Installation of Approximately 1,500 feet of 12" Diameter Pipeline Along The Old Road	None						C	C																					
18	Recommend Approval of the Installation of Approximately 130 feet of 18" Diameter Pipeline Along Honby Avenue	None						C	C																					
19	Recommend Approval of a Purchase Order for Final Design Services for Santa Clara and Honby Wells PFAS Groundwater Treatment Improvements	Yes 10 min						C	C																					

**Engineering and Operations Committee  
Planning Calendar  
FY 2020/21**

	Item	PowerPoint Presentation (Y/N/Length)	Jul 1 Comm	Jul 7 Board	Aug 4 Board	Aug 6 Comm	Aug 18 Board	Sep 1 Board	Sep 3 Comm	Sep 15 Board	Oct 1 Comm	Oct 6 Board	Oct 20 Board	Nov 4 Board	Nov 5 Comm	Nov 17 Board	Dec 1 Board	Dec 3 Comm	Jan 5 Board	Jan 7 Comm	Feb 2 Board	Feb 4 Comm	Mar 2 Board	Mar 4 Comm	Apr 1 Comm	Apr 6 Board	May 4 Board	May 10 Comm	Jun 1 Board	Jun 3 Comm	Jul 6 Board	
20	Recommend Approval of the General Manager to execute construction change orders up to seven percent (7%) of the original construction contract for the West Ranch Recycled Water Main Extension (Phase 2D)	Yes 10 min							C	C																						
21	Recommend Approval of Construction Contract Funding and a Purchase Order for Inspection Services for Replacement Wells Commerce Center Drive Pipeline	Yes 10 min										C																				
22	Recommend Approval of a Resolution Awarding a Material Purchase Contract for Valley Center Well	Yes 10 min									C	C																				
23	Recommend Approval of a Resolution Awarding a Construction Contract to GSE Construction Company, Inc., for the Rio Vista Water Treatment Plant Chlorine Scrubber Replacement Project	Yes 10 min													P	P																
24	Recommend Approval of a Resolution Awarding a Contract for Newhall Tank No. 2 Interior Recoat and Repair	Yes 10 min													P	P																
25	Recommend Approval of a Purchase Order for Final Design Services for the new Deane Zone Tank, Disinfection Facility, Pump Station and Cost Sharing Agreement at Skyline Ranch	TBD																P	P													
26	Recommend Approval of Resolution Authorizing SCV Water to Execute Water Service Agreement with State Water Resources Control Board and Los Angeles Residential Community	TBD																			P	P										
27	Recommend Approval of Resolution Awarding Construction Contract and Purchase Orders for Construction Management and Inspection Services and Engineering Services During Construction for ESFP Washwater Return and Sludge Systems Project	TBD																				P	P									
28	Recommend Approval of Resolution Awarding Contract to TBD for Hasley Tank Exterior Paint Repair	TBD																				P	P									
29	Recommend Approval of Resolution Awarding Contract to TBD Presley Tank Exterior Paint Repair	TBD																				P	P									
30	Recommend Approval of a Work Authorization for Final Design of the Groundwater Treatment Improvements	TBD																				P	P									
31	Recommend Approval of a Purchase Order for Final Design of the Magic Mountain Reservoir	TBD																				P	P									
32	Recommend Approval of a Purchase Order for Final Design of the Magic Mountain Pump Station	TBD																				P	P									
33	Recommend Approval of a Purchase Order for Final Design Services for Well 205 Groundwater Treatment Improvements	Yes 10 min																				P	P									

C = Completed Item  
P = Planned Item

**Engineering and Operations Committee  
Planning Calendar  
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34	Recommend Approval of Resolution Adopting Mitigated Negative Declaration under California Environmental Quality Act for Construction of New Sand Canyon Plaza 1.5 MG Deane Tank	TBD																				P		P								
35	Recommend Approval of Resolution Awarding Construction Contract for Pipeline to the Los Angeles Residential Community	TBD																						P		P						
36	Recommend Approval of Purchase Order for Groundwater Modeling Services for Perchlorate Containment Evaluation	TBD																						P		P						
37	Recommend Approval of Resolution Awarding Construction Contract to TBD for Recycled Water Vista Canyon (Phase 2B) Tank	TBD																						P		P						
38	Recommend Approval of Construction of Pipeline in Sierra Highway from Dockweiler to Newhall Avenue	TBD																						P		P						
39	Recommend Approval of Construction of Pressure Reducing Station In Sierra Highway	TBD																						P		P						
40	Recommend Approval of Construction of New Sand Canyon Plaza (Deane Zone) Pump Station and Cost Sharing Agreement with Developer	TBD																						P		P						
41	Recommend Approval of Construction of a New Skyline Ranch (Deane Zone) Pump Station and Cost Sharing Agreement with Developer	TBD																												P	P	
42	Recommend Approval of Construction of New Skyline Ranch 2.1 MG Tanks (Deane Zone) and Cost Sharing Agreement with Developer	TBD																												P	P	
43	Recommend Approval of Construction of New Sand Canyon Plaza 1.5 MG Tank (Deane Zone) and Cost Sharing Agreement with Developer	TBD																												P	P	

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