



ENGINEERING AND OPERATIONS COMMITTEE MEETING

Thursday, April 7, 2022
Meeting Begins at 5:30 PM

Members of the public may attend by the following options:

In Person

Santa Clarita Valley Water Agency
Rio Vista Water Treatment Plant
27234 Bouquet Canyon Road
Santa Clarita, CA 91350

By Phone

Toll Free:
1-(833)-568-8864
Webinar ID: 160 394 3558

Virtually

Please join the meeting from your
computer, tablet or smartphone:
<https://scvwa.zoomgov.com/j/1603943558>

Have a Public Comment?

Public comments may be made virtually or in-person the night of the meeting, as well as in writing via mail to the address listed above or email to Elizabeth Adler, Executive Assistant at eadler@scvwa.org by 4:00 PM the day of the meeting.*

(Public comments take place during Item 2 of the Agenda and before each Item is considered. Please see the agenda for details.)

This meeting will be recorded and the audio recording for all Committee meetings will be posted to yourscvwater.com within 3 business days from the date of the Committee meeting.

*All written comments received after 4:00 PM the day of the meeting will be made available at the meeting and posted on the SCV Water Website the following day at yourscvwater.com. Public comments can also be heard the night of the meeting.

Disclaimer: Attendees should be aware that while the Agency is following all applicable requirements and guidelines regarding COVID-19, the Agency cannot ensure the health of anyone attending a Committee meeting. Attendees should therefore use their own judgment with respect to protecting themselves from exposure to COVID-19.

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Date: March 28, 2022

To: **Engineering and Operations Committee**
William Cooper, Chair
Jeff Ford
Gary Martin
Piotr Orzechowski
Lynne Plambeck

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

The **Engineering and Operations Committee** meeting is scheduled on **Thursday, April 7, 2022 at 5:30 PM** at **27234 Bouquet Canyon Road, Santa Clarita, CA 91350 in the Boardroom**. Members of the public may attend in person or virtually. To attend this meeting virtually, please see below.

IMPORTANT NOTICES

This meeting will be conducted in person at the address listed above. As a convenience to the public, members of the public may also participate virtually by using the **Agency's Call-In Number 1-(833)-568-8864, Webinar ID: 160 394 3558 or Zoom Webinar by clicking on the link <https://scvwa.zoomgov.com/j/1603943558>**. Any member of the public may listen to the meeting or make comments to the Committee using the call-in number or Zoom Webinar link above. However, in the event there is a disruption of service which prevents the Agency from broadcasting the meeting to members of the public using either the call-in option or internet-based service, this meeting will not be postponed or rescheduled but will continue without remote participation. The remote participation option is being provided as a convenience to the public and is not required. Members of the public are welcome to attend the meeting in person.

Attendees should be aware that while the Agency is following all applicable requirements and guidelines regarding COVID-19, the Agency cannot ensure the health of anyone attending a Committee meeting. Attendees should therefore use their own judgment with respect to protecting themselves from exposure to COVID-19.

Members of the public unable to attend this meeting may submit comments either in writing to eadler@scvwa.org or by mail to Elizabeth Adler, Executive Assistant, Santa Clarita Valley Water Agency, 26515 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 start of the meeting. Anything received after 4:00 PM the day of the meeting will be made available at the meeting and posted on the SCV Water website the following day.

MEETING AGENDA

<u>ITEM</u>	<u>PAGE</u>
1. <u>PLEDGE OF ALLEGIANCE</u>	
2. <u>PUBLIC COMMENTS</u> – Members of the public may comment as to items within the subject matter jurisdiction of the Agency that are not on the Agenda at this time. Members of the public wishing to comment on items covered in this Agenda may do so at the time each item is considered. (Comments may, at the discretion of the Committee Chair, be limited to three minutes for each speaker.)	
3. * Recommend Approval of (1) a Resolution for Construction Contract with Pacific Hydrotech Corporation; and (2) a Purchase Order to Woodard & Curran, Inc. for Construction Management and Inspection Services; and (3) a Purchase Order to Lee & Ro, Inc. for Engineering Services During Construction for the Earl Schmidt Filtration Plant (ESFP) Washwater Return and Sludge Systems Project	1
4. * Recommend Adopting a Resolution Authorizing the General Manager to Apply for Grant Funding Under the Bureau of Reclamation Watersmart Title XVI WIIN Act Water Reclamation and Reuse Projects for the Recycled Water Expansion Project	21
5. * Recommend Approval of a Change Order for the Fairway Water Storage Tank Coating Project	33
6. * Recommend Approval of the Replacement of 5,000 meters as part of the AMI Meter Replacement Program	35
7. * Proposed FY 2022/23 Capital Improvement Projects	49
8. * Monthly Operations and Production Report	55
9. * Capital Improvement Projects Construction Status Report	157
10. * Committee Planning Calendar	159
11. General Report on Treatment, Distribution, Operations and Maintenance Services Section Activities	
12. * General Report on Engineering Services Section Activities	163
13. Adjournment	
* Indicates Attachment	
• Indicates Handout	

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 Adler, Executive Assistant, at (661) 297-1600, or in writing to Santa Clarita Valley Water Agency at 26515 Summit Circle, 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 Committee 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 March 31, 2022.

M65

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COMMITTEE MEMORANDUM

DATE: March 27, 2022

TO: Engineering and Operations Committee

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

SUBJECT: Recommend Approval of (1) a Resolution for Construction Contract with Pacific Hydrotech Corporation; and (2) a Purchase Order to Woodard & Curran, Inc. for Construction Management and Inspection Services; and (3) a Purchase Order to Lee & Ro, Inc. for Engineering Services During Construction for the Earl Schmidt Filtration Plant (ESFP) Washwater Return and Sludge Systems Project

SUMMARY

Santa Clarita Valley Water Agency (SCV Water) owns and operates the Earl Schmidt Filtration Plant (ESFP) which is located at 32700 North Lake Hughes Road near the community of Castaic in northern Los Angeles County, California. The ESFP treats State Project Water from Castaic Lake. The total design capacity is currently 56 million gallons of water per day (mgd). ESFP's existing washwater return and sludge collection systems require modifications to improve the treatment plant operations, ensure regulatory compliance, and reduce staff maintenance activities. Staff has evaluated the washwater return and sludge systems to identify the necessary improvements to ensure the Division of Drinking Water Cryptosporidium Action Plan goal of returning water with less than 2 Nephelometric Turbidity Units (NTUs) is achieved along with improving the operations and maintenance of the sludge collection system. The project was advertised online on the Agency's PlanetBids page and in the local newspaper and construction bids were received to construct the improvements at ESFP. Staff is recommending approval of a construction contract with Pacific Hydrotech Corporation. Staff is also recommending approval of a purchase order to Woodard & Curran, Inc. (W&C) for construction management and inspection services and to Lee & Ro, Inc. (L&R) for engineering services during construction.

DISCUSSION

SCV Water owns and operates two surface water treatment plants, the Rio Vista Water Treatment Plant (RVWTP) and the Earl Schmidt Filtration Plant (ESFP), that treats State Water Project surface water from Castaic Lake. Originally built in 1980, ESFP had a potable water treatment capacity of 33.6 million gallons per day (mgd). Since then, ESFP has undergone several treatment upgrades, including an expansion of plant capacity up to 56 mgd in 2006 when raw water ozonation, contact clarifiers, washwater treatment facilities, and other miscellaneous process modifications were added.

The ESFP washwater return system generally consists of two washwater return basins, a chemical injection and inline mixer system, and two package treatment units. The sludge in the washwater basins is currently manually collected. The system includes one sludge thickener tank and two sludge drying beds. The sludge from the package treatment units goes to the

sludge thickener tank and drying beds. The treatment plant has ten clarifiers and ten filters with a total treatment plant capacity of 56 mgd. The current washwater return system cannot consistently reduce turbidity in the washwater return line to less than 2 NTU. As a result, washwater return and sludge collection systems improvements are needed to improve the treatment plant operations, ensure regulatory compliance, and reduce staff maintenance activities.

The construction bid solicitation was advertised on November 10, 2021 on the Agency’s PlanetBids page. Also, in accordance with the SCV Water Purchasing Policy, bid advertisement notices were in *The Signal* on November 13, 20 and 27, 2021. On February 23, 2022, eight bids were received, and a summary of the bids is presented below:

Bidder	Bidder Office Location	Total Bid Price
Pacific Hydrotech Corporation	Perris, CA	\$ 17,526,700
GSE Construction Co., Inc.	Livermore, CA	\$ 17,749,500
Blois Construction, Inc.	Oxnard, CA	\$ 18,458,600
Kiewit Infrastructure West Co.	Santa Fe Springs, CA	\$ 18,899,000
Steve P. Rados, Inc	Santa Ana, CA	\$ 19,244,000
Shimmick Construction Company, Inc.	Irvine, CA	\$ 19,517,000
Orion Construction Corp.	Vista, CA	\$ 19,689,000
Myers & Sons Construction, LLC	Sacramento, CA	\$ 21,747,000

The apparent lowest responsive bid is from Pacific Hydrotech Corporation for a total of \$17,526,700. The engineer’s estimate for the project is \$18,000,000. Pacific Hydrotech Corporation is registered with the Department of Industrial Relations and has successfully completed construction projects for the Agency in the past.

On March 15, 2022, Blois Construction, Inc. (Blois) filed a formal bid protest (Attachment A). Blois is claiming that bids from both Pacific Hydrotech Corporation and GSE Construction Co., Inc. have failed to comply with the bidding instructions and therefore should be declared non-responsive and that the contract should be awarded to Blois.

Staff has reviewed Blois’ protest letter and after discussion with legal counsel, staff is still recommending that Pacific Hydrotech Corporation’s bid be accepted as it still appears to be lowest responsive responsible bid.

This project helps meet SCV Water’s objective and Strategic Plan Objective B.1.1.7: “Complete design and initiate construction of the Earl Schmidt Sludge Collection System Project.”.

CEQA DETERMINATION

The proposed action today is authorizing the award of the construction contract to Pacific Hydrotech Corporation, and approval of a purchase order to Lee & Ro, Inc. for engineering services during construction and to Woodard & Curran, Inc. for construction management and inspection services for the Earl Schmidt Filtration Plant (ESFP) Washwater Return and Sludge Systems 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.

The Project is a minor alteration limited to construction within the Agency's existing facility property. Construction and operation of this project is found 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 negligible or no expansion of use, i.e. no additional extraction of water, beyond that existing at the time of the lead agency's determination.
- The Project, aka the whole of the action, also qualifies for an exemption under CEQA guidelines section 15303 Class 3 New Construction or Conversion of Small Structures because the project construction is limited to construction within SCV Water's existing facility property.
- None of the exceptions listed in Section 15300.2 of the CEQA Guidelines would apply to the action.

FINANCIAL CONSIDERATIONS

The project is included in the SCV Water's FY 2021/22 Capital Improvement Budget for the Earl Schmidt Filtration Plant (ESFP) Washwater Return and Sludge Systems Project. The project's total estimated cost, including planning, design, construction management, construction, inspection and miscellaneous costs, is \$19,966,000. Pacific Hydrotech Corporation's bid is \$17,526,700.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors (1) approve the attached resolution for a construction contract with Pacific Hydrotech Corporation for \$17,526,700; and (2) authorize the General Manager to execute a purchase order with Woodard & Curran, Inc. for an amount not to exceed \$1,175,000 for construction management and inspection services; and (3) authorize the General Manager to execute a purchase order with Lee & Ro, Inc. for an amount not to exceed \$660,000 for engineering services during construction for the Earl Schmidt Filtration Plant (ESFP) Washwater Return and Sludge Systems Project.

Attachments

MBS

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General Engineering Contractors
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Phone 805 656-1432
FAX 805 485-0338
www.bloisconstruction.com

March 10, 2022

Jason Yim
Santa Clarita Valley Water Agency
26515 Summit Circle
Santa Clarita, CA 91350

**Re: Letter of Protest – Project No. 1000251 for the Construction of
ESFP Washwater Return & Sludge Collection**

Pursuant to Instructions to Bidders, section IB-17 – BID PROTESTS, Blois Construction, Inc. (Blois) hereby protests the bids submitted by Pacific Hydrotech Corp (PHC) and GSE Construction Co., Inc. (GSE) for Project No. 1000251 with a bid date of 2/23/2022. The bids submitted by both bidders failed to comply with the bidding instructions and therefore shall be declared non-responsive, and the contract be awarded to Blois as the lowest responsive and responsible bidder.

Upon review of the complete post-bid package from the Santa Clarita Valley Water Agency (SCVWA), this protest letter outlines the following substantial flaws, which demonstrate that both bids are not only materially unbalanced but also non-responsive under the strict guidelines of sections IB-06 Form and Content of Bid and IB-16-Award or Rejection of Bids:

IB-06 - Bids shall only be prepared using copies of the Bid Forms which are included in the Contract Documents and available on the electronic bid management system. The use of substitute bid forms will not be permitted. Bids shall be executed by an authorized signatory as described in these Instructions to Bidders. Deviations in the bid form may result in the bid being deemed non-responsive.

IB-16 - The AGENCY may reject any Bid which, in its opinion when compared to other bids received or to the AGENCY's internal estimates, does not accurately reflect the cost to perform the work. The AGENCY may reject as non-responsive any bid which unevenly weights or allocates costs, including but not limited to overhead and profit, to one or more particular bid items.



Addendum No 7, Item 1 changed the Bid Form in its entirety. One of the changes to the bid form was the renumbering of bid item numbers 8 & 9. The revised scope represented by Bid Item No 8 – Washwater Recovery Basin No. 3 and No. 4 represents the work to install brand new recovery basins at Earl Schmidt Filtration Plant (ESFP). The revised scope for Bid Item No 9 – Washwater Recovery Basin No. 1 and No. 2 represents the work to upgrade the existing recovery basins at ESFP.

Prices provided for Bid Item No 8 by PHC and GSE are \$614,900 and \$700,000 respectively. The pricing provided by Blois and all other bidders are in the range of \$3,000,000 or higher. The scope of Bid Item No 8 included construction of new Cast in Place Reinforced Concrete Structures, with the steel reinforcement cost alone (quoted by reinforcing steel sub-contractors at bid time) in the range of \$600,000. Therefore, it is evident that the pricing for Bid Item No 8 by both PHC and GSE have costs unevenly allocated to this bid item and thus both bids must be rejected by SCVWA.

Prices provided for Bid Item No 9 by PHC and GSE are \$4,576,900 and \$4,489,500. Blois and all other bidders priced Bid Item No 9 in the range of \$400,000, with an average price of \$575,000 (average price of all other bidders). The bids from PHC and GSE incorrectly attribute significantly more money (~6-7 times more) to Bid Item No 9 (basin upgrades) when compared to Blois and other bidders. SCVWA could be exposed to unnecessarily large payments in the early stages of the work; due to the out-of-balance Contractor's costs, if SCVWA accepts either PHC or GSE bids. The internal estimates of the Agency will also corroborate the uneven cost allocation.

The uneven cost allocation may be a result of a lack of review of bid documents by PHC & GSE or clear incompliance to adjust bid items as revised under Addendum No. 7. No matter the reason, however, the result is that PHC & GSE have unevenly weighted and or allocated costs, including but not limited to overhead and profit, to one or more particular bid items. The uneven cost allocation errors are defined as material according to the Public Contract Code (which is put in place to protect the competitive bidding requirements) as they have clearly been identified in the Instructions to Bidders as grounds for rejection. Therefore, due to the significant errors in both PHC's & GSE's bids, SCVWA must exercise its authority to reject both bids as non-responsive and award the Contract to Blois as the lowest responsive and responsible bidder.


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FAX 805 485-0338
www.bloisconstruction.com

If you have any questions or comments, please contact me at (805) 656-1432.

Sincerely,


Craig Blois, Secretary (Protesting Bidder's representative)
Blois Construction, Inc.
3201 Sturgis Road
Oxnard, CA 93030
805-656-1432
craigblois@bloisconstruction.com



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RESOLUTION NO. SCV _____

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SANTA CLARITA VALLEY WATER AGENCY
AWARDING A CONTRACT TO PACIFIC HYDROTECH CORPORATION
FOR THE EARL SCHMIDT FILTRATION PLANT (ESFP) WASHWATER
RETURN AND SLUDGE SYSTEMS PROJECT**

WHEREAS, Santa Clarita Valley Water Agency (Agency) owns and operates the Earl Schmidt Filtration Plant (ESFP) located in the Castaic area of Los Angeles County; and

WHEREAS, ESFP is a critical component of the Agency's water treatment facilities; and

WHEREAS, an upgrade to the existing washwater return and sludge collection systems at ESFP is required to meet operational flexibility and State Division of Drinking Water requirements; and

WHEREAS, Santa Clarita Valley Water Agency, as the CEQA Lead Agency, filed a Notice of Exemption with the State Clearinghouse on March 20, 2017, and the County of Los Angeles on March 17, 2017; and

WHEREAS, 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 negligible or no expansion of use, i.e. no additional extraction of water, beyond that existing at the time of the lead agency's determination; and

WHEREAS, The Project, aka the whole of the action, also qualifies for an exemption under CEQA guidelines section 15303 Class 3 New Construction or Conversion of Small Structures because the project construction is limited to construction within SCV Water's existing facility property; and

WHEREAS, none of the exceptions listed in Section 15300.2 of the CEQA Guidelines would apply to the action; and

WHEREAS, no further CEQA documentation is necessary for the Board to act with regards to the proposed actions; and

WHEREAS, all bid proposals submitted to the Agency pursuant to the Agency's specifications (Project No. 1000251) for procurement of the construction of the Earl Schmidt Filtration Plant (ESFP) Washwater Return and Sludge Systems Project, as amended by Addenda, were publicly opened electronically on the Agency's bid website page on PlanetBids on Wednesday, February 23, 2022 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 Pacific Hydrotech Corporation in the amount of \$17,526,700 is the lowest responsible bid of eight 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 \$17,526,700 bid from Pacific Hydrotech Corporation and authorize purchase orders in the amounts of \$1,175,000 for construction management and inspection services with Woodard and Curran, Inc. and \$660,000 for Engineering During Construction support with Lee & Ro, Inc.

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 Pacific Hydrotech Corporation, hereby found to be the "lowest responsible bidder" for the Earl Schmidt Washwater Return and Sludge Systems Project for the total sum of \$17,526,700 and authorize purchase orders in the amounts of \$1,175,000 for construction management and inspection services with Woodard and Curran, Inc. and \$660,000 for Engineering During Construction support with Lee & Ro, Inc.

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 Pacific Hydrotech Corporation, 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 Engineer are thereafter authorized to execute and forward to Pacific Hydrotech Corporation an appropriate Notice to Proceed.

President

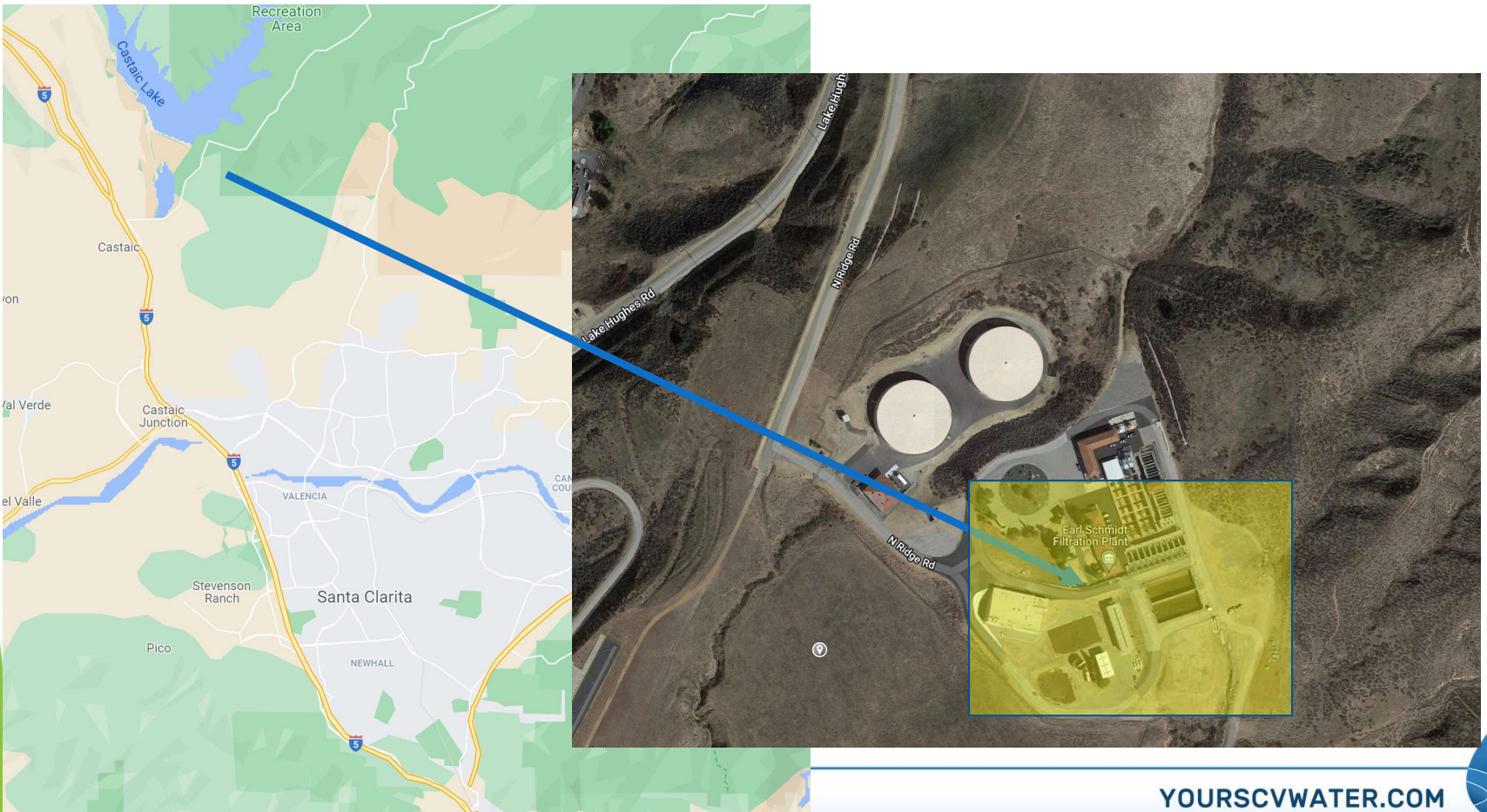


April 7, 2022

Earl Schmidt Filtration Plant (ESFP) Washwater Return and Sludge Systems Project

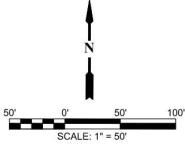
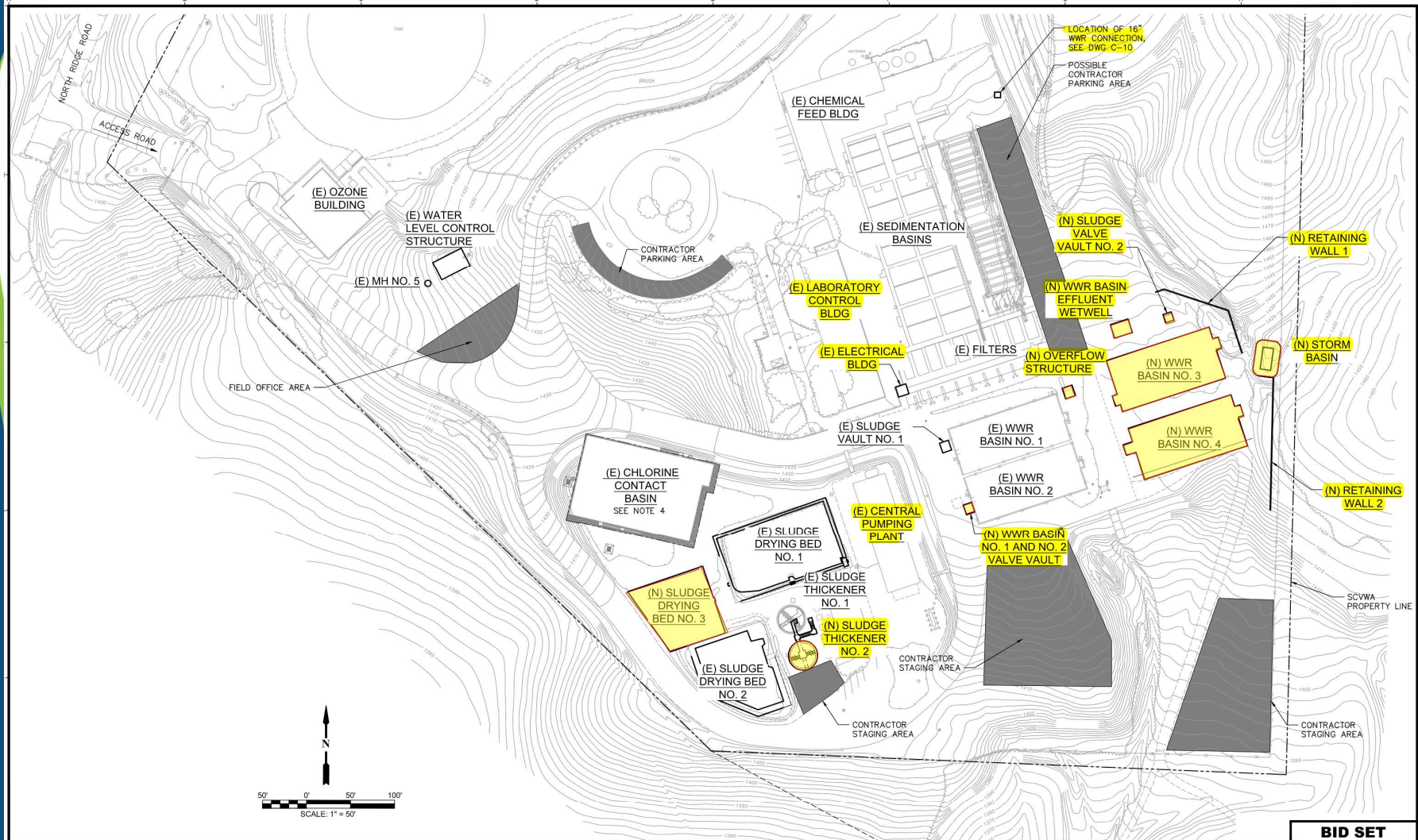
Engineering and Operations
Committee Meeting

ESFP Washwater Return and Sludge Systems Project Location Map



YOURSCVWATER.COM





BID SET	
DATE:	SEPTEMBER 2021
PROJECT NO.:	1000251
DRAWING NO.:	G-06
SHEET:	6 OF 204 SHEETS

REVISIONS			
NO.	DESCRIPTION	DATE	BY

SCALES IF THIS BAR IS NOT DIMENSION SHOWN, ADJUST SCALES ACCORDINGLY.



DESIGNED BY: SL
 DRAWN BY: SL
 CHECKED BY: JJ

PLANS PREPARED BY:

LEE & RO, Inc.
 City of Industry, California

SCV WATER
 SANTA CLARITA VALLEY WATER AGENCY
 ENGINEERING SERVICES SECTION
 26501 SUNNY GORGE
 SANTA CLARITA, CA. 91350
 (661) 297-1800

ESFP WASTEWATER RETURN AND SLUDGE SYSTEMS

GENERAL OVERALL SITE PLAN



ESFP Washwater Return and Sludge Systems Project Bid Results

- Staff advertised project on PlanetBids on November 10, 2021
- Project was advertised in The Signal on November 13, 20 and 27, 2021
- Bids were electronically opened on February 23, 2022

Bidder	Bidder Office Location	Total Bid Price
Pacific Hydrotech Corporation	Perris, CA	\$ 17,526,700
GSE Construction Co., Inc.	Livermore, CA	\$ 17,749,500
Blois Construction, Inc.	Oxnard, CA	\$ 18,458,600
Kiewit Infrastructure West Co.	Santa Fe Springs, CA	\$ 18,899,000
Steve P. Rados, Inc	Santa Ana, CA	\$ 19,244,000
Shimmick Construction Company, Inc.	Irvine, CA	\$ 19,517,000
Orion Construction Corp.	Vista, CA	\$ 19,689,000
Myers & Sons Construction, LLC	Sacramento, CA	\$ 21,747,000

* Engineer's Estimate \$18,000,000



ESFP Washwater Return and Sludge Systems Project Bid Protest

- On March 15, 2022, Staff received an official bid protest letter from Blois Construction, Inc. (Blois)
- Blois claims that bids from both Pacific Hydrotech Corporation (PHC) and GSE Construction Co., Inc. have failed to comply with the bidding instructions and therefore should be declared non-responsive and that the contract should be awarded to Blois
- Staff and legal Counsel have reviewed the protest letter and still recommends the Board of Directors award a construction contract to Pacific Hydrotech Corporation's for \$17,526,700



ESFP Washwater Return and Sludge Systems Project Woodard & Curran, Inc. Proposal

Construction Management Services:

Construction Management and Inspection Services	\$925,000
<u>Material Testing and Other Direct Costs</u>	<u>\$250,000</u>
Subtotal	\$1,175,000

Total Recommended Time and Materials Not to Exceed Budget \$1,175,000



ESFP Washwater Return and Sludge Systems Project Lee & Ro, Inc. Proposal

Engineering Services During Construction:

Pre-construction and progress meetings	\$142,000
Engineering Services	\$293,000
PLC and SCADA Systems	\$190,000
Project Closeout and Record Drawings	\$35,000
<hr/>	
Subtotal	\$660,000

Total Recommended Time and Materials Not to Exceed Budget \$660,000



ESFP Washwater Return and Sludge Systems Project Anticipated Project Schedule

- Construction Award Phase:
 - April 7, 2022: Engineering & Operations Committee
 - April 19, 2022: Board Meeting
- Construction Phase:
 - May 2022: Notice to Proceed
 - May 2022 to November 2023: Construction (540 calendar days)



ESFP Washwater Return and Sludge Systems Project Project Recommendation

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

1. Adopt the resolution awarding a construction contract to Pacific Hydrotech Corporation for the Earl Schmidt Filtration Plant Washwater Return and Sludge Systems Project for \$17,526,700; and
2. Authorize the General Manager to issue a purchase order to Woodard & Curran, Inc. for an amount not to exceed \$1,175,000 for construction management and inspection services; and
3. Authorize the General Manager to issue a purchase order to Lee & Ro, Inc. for an amount not to exceed \$660,000 for engineering services during construction.



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COMMITTEE MEMORANDUM

DATE: March 23, 2022

TO: Engineering and Operations Committee

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

SUBJECT: Recommend Adopting a Resolution Authorizing the General Manager to Apply for Grant Funding Under the Bureau of Reclamation Watersmart Title XVI WIIN Act Water Reclamation and Reuse Projects for the Recycled Water Expansion Project

SUMMARY

Staff is preparing an application for the Bureau of Reclamation Watersmart Title XVI WIIN Act Water Reclamation and Reuse Projects to fund a portion of for the Recycled Water Expansion Project (South End Phase 2C) Project. The application requires that the Board adopt a resolution authorizing the General Manager to apply for the grant, execute a grant agreement, and submit any required documents, invoices, and reports required to obtain grant funding.

DISCUSSION

The Bureau of Reclamation issued a notification of availability of funding under the Watersmart Title XVI WIIN Act Water Reclamation (BOR) and Reuse Projects (Grant Program). The Grant Program, Title XVI program, identifies and investigates opportunities to reclaim and reuse wastewaters and impaired ground and surface water in the 17 Western States and Hawaii. Title XVI includes funding for the planning, design, and construction of water recycling and reuse projects in partnership with local government entities. Therefore, the Agency is applying for \$6,002,500 in grant funding (approximately 25% of the total project cost). The Agency may apply for project reimbursement of up to \$30,000,000 under this grant program. The application was due on March 15, 2022. Staff submitted a draft copy of the attached resolution as a place holder in the application. If the Board of Directors approves the grant application, staff will file and send the approved Resolution to BOR to complete the application.

The Recycled Water Expansion (South End Phase 2C Project) Project, which are included in the Agency's Capital Improvement Plan, will expand the use of recycled water to many customers along the southern service area of the Agency.

CEQA DETERMINATION

Pursuant to CEQA the Agency prepared and the Castaic Lake Water Agency (CLWA) Board of Directors certified a Program Environmental Impact Report and adopted a Statement of Overriding Considerations for the Recycled Water Master Plan on March 28, 2007. On August 10, 2017, Newhall County Water District (NCWD) adopted the Mitigated Negative Declaration (MND) and the Mitigation Monitoring and Reporting Program (MMRP) as the Lead Agency. On August 23, 2017, CLWA adopted the MND and MMRP as the Responsible Agency by Resolution 3186 since CLWA has taken the lead on applying for construction grants and aids. SCV Water (Agency) is the successor of CLWA and NCWD. In June 2021 the Agency adopted an Addendum to the MND that analyzed changes to potential environmental impacts due to

pipeline alignment modifications of the South End Recycled Water Main Extension (Phase 2C) Project. The Agency has since determined that there are no new or more severe impacts requiring additional environmental review under CEQA related to the proposed grant application to the Water SMART Title XVI WIIN Act Water Reclamation and Reuse Projects for funding for the Project and associated actions that require any additional environmental review.

FINANCIAL CONSIDERATIONS

The project is included in the SCV Water's FY 2021/22 Capital Improvement Budget for the South End Recycled Water Main Extension (Phase 2C) Project. There are a 75% matching funds required under this Grant Program.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors (1) Adopt a resolution authorizing the General Manager to apply for grants under the Bureau of Reclamation Watersmart Title XVI WIIN Act Water Reclamation and Reuse Projects for the Recycled Water Expansion Project, (2) execute a grant agreement if Bureau of Reclamation awards the grant and (3) submit any required documents, invoices, and reports required to obtain grant funding for the Recycled Water Expansion Project (South End Recycled Water Main Extension - Phase 2C).

Attachment

M65

RESOLUTION NO. SCV- _____

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SANTA CLARITA VALLEY WATER AGENCY
AUTHORIZING AN APPLICATION FOR GRANT FUNDING BY THE
BUREAU OF RECLAMATION'S WATERSMART TITLE XVI WIIN
ACT WATER RECLAMATION AND REUSE PROJECTS FOR THE
RECYCLED WATER EXPANSION PROJECT**

WHEREAS, the Santa Clarita Valley Water Agency (the "Agency") is a public water wholesaler and retailer in the Santa Clarita Valley in Northeastern Los Angeles County that provides potable and recycled water to its customers; and

WHEREAS, the proposed South End Recycled Water Main Extension (Phase 2C) Project (Project) is a component of the Recycled Water Master Plan; and

WHEREAS, pursuant to the California Environmental Quality Act ("CEQA") the Agency prepared and the Castaic Lake Water Agency (CLWA) Board of Directors certified a Program Environmental Impact Report and adopted a Statement of Overriding Considerations for the Recycled Water Master Plan on March 28, 2007; and

WHEREAS, on August 10, 2017, Newhall County Water District adopted the Mitigated Negative Declaration (MND) and the Mitigation Monitoring and Reporting Program (MMRP) as the Lead Agency; and

WHEREAS, on August 23, 2017, CLWA adopted the MND and MMRP as the Responsible Agency by Resolution 3186 since CLWA has taken the lead on applying for construction grants and aids; and

WHEREAS, in June 2021, the Agency adopted an Addendum to the MND that analyzed changes to potential environmental impacts due to pipeline alignment modifications of the South End Recycled Water Main Extension (Phase 2C) Project; and

WHEREAS, the Agency has determined that there are no new or more severe impacts requiring additional environmental review under CEQA related to the proposed grant application to the Water SMART Title IVI WIIN Act XVI Water Reclamation and Reuse Projects for funding for the Project and associated actions; and

WHEREAS, the Agency is preparing for the construction of South End Recycled Water Expansion Project (Phase 2C) (the "Project"); and

WHEREAS, the Agency is currently completing final design for the Project; and

WHEREAS, the Project will expand the Agency's recycled water distribution infrastructure by installing up to 28,400 linear feet of recycled water pipelines within the Agency's southern service area; and

WHEREAS, the Project will expand the Agency's recycled water distribution capacity up to 1,359 acre-feet per year (AFY); and

WHEREAS, the United States Department of the Interior offers financial assistance in the form of grant funding through its Bureau of Reclamation's (Reclamation) WaterSMART (Sustain and Manage America's Resources for Tomorrow) Title XVI WIIN Act Water Reclamation and Reuse Projects to Agencies with Reclamation approved Title XVI Feasibility Studies. The program provides up to 25% of the Project's total cost, up to a maximum of \$30,000,000 in grant funding; and

WHEREAS, the Agency submitted a Title XVI Feasibility Study to Reclamation prior to the release of the WaterSMART Title XVI WIIN Act Water Reclamation and Reuse Projects Notice of Funding Opportunity (NOFO) that is currently pending Reclamation's approval; and

WHEREAS, the Agency desires to fund part of the cost of the Project with grant funding from the WaterSMART Title XVI WIIN Act Water Reclamation and Reuse Projects funding.

NOW, THEREFORE, the Board of Directors of the Santa Clarita Valley Water Agency hereby finds, determines, declares and resolves as follows:

1. The Board hereby supports a grant application to the WaterSMART Title XVI WIIN Act Water Reclamation and Reuse Projects funding for the Project.
2. The Board hereby authorizes and directs the General Manager, or his or her designee, to complete, review, sign and submit, for and on behalf of the Agency, a grant application from the Bureau of Reclamation's WaterSMART Title XVI WIIN Act Water Reclamation and Reuse Projects Program for the Project up to the amount of \$6,002,500.
3. The Agency's General Manager, or his or her designee, is designated to provide the assurances, certifications, and commitments required for the grant application, including executing a financial assistance or similar agreement with the Bureau of Reclamation within established deadlines and any amendments or changes thereto.
4. The Agency's General Manager, or his or her designee, is designated to represent the Agency in carrying out the Agency's responsibilities under the grant agreement, including certifying disbursement requests on behalf of the Agency and compliance with applicable state and federal laws.
5. If a grant award is made by the Bureau of Reclamation, the Agency commits to providing a minimum of 75% in matching funds for the Project, and up to the balance of funds needed to complete the construction of the Project.

6. This Resolution shall take effect immediately.

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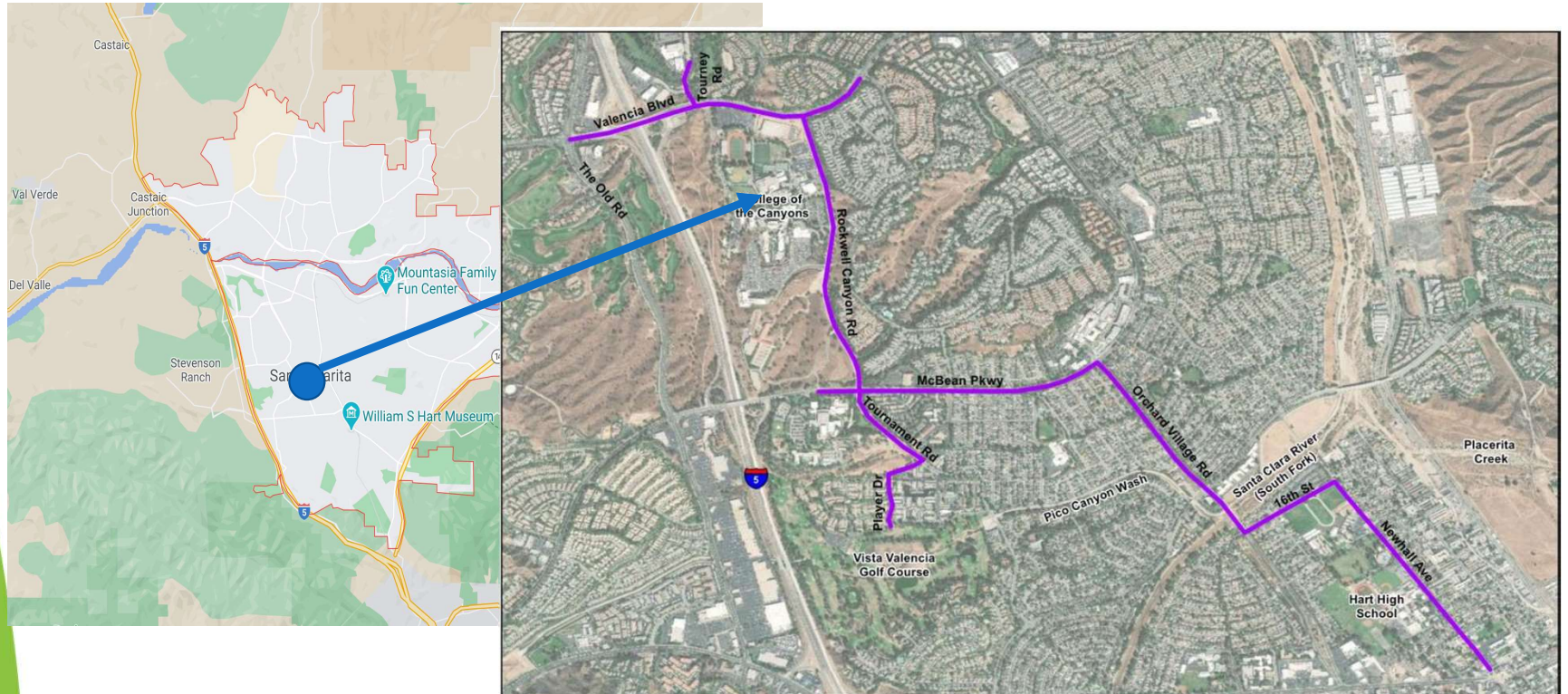


April 7, 2022

**Authorize Grant Application
for the Bureau of Reclamation
Watersmart Title XVI WIIN Act Water
Reclamation and Reuse Projects for the
Recycled Water Expansion Project**

**Engineering and Operations
Committee Meeting**

Recycled Water Expansion (South End Phase 2C) Project Location Map



Recycled Water Expansion (South End Phase 2C) Project Project Facts

- Connects to Phase 1 Pipe at the Old Road and Valencia Blvd.
- Construction of approximately 28,400 linear feet of new recycled water pipeline.
- \$3,000,000 IRWM Construction Grant
- Potential Users: COC, Cal Arts, Newhall Park, Valencia Meadows Park, Hart High School, Vista Valencia GC, Henry Mayo Hospital
- Construction costs estimated ~ \$24M



Recycled Water Expansion (South End Phase 2C) Project Bureau of Reclamation Watersmart Title XVI WIIN Act Water Reclamation and Reuse Projects

- Grant Program has 75% matching funds requirements.
- Agency will apply for \$6,002,500 in grant funding (25% of the total construction project cost of \$24,010,000).
- Application were due on or before March 15, 2022
- Project must be completed by January 2025.
- Upon BOR award, GM will execute funding agreement



Recycled Water Expansion (South End Phase 2C) Project Project Recommendation

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

- (1) Adopt a resolution authorizing the General Manager to apply for a grant under the Bureau of Reclamation Watersmart Title XVI WIIN Act Water Reclamation and Reuse Projects for the Recycled Water Expansion Project; and
- (2) Execute the Grant Agreement if Bureau of Reclamation awards the grant; and
- (3) Submit any required documents, invoices, and reports required to obtain grant funding.




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COMMITTEE MEMORANDUM

DATE: March 22, 2022

TO: Engineering and Operations Committee

FROM: Mike Alvord 
Director of Operations & Maintenance

SUBJECT: Recommend Approval of a Change Order for the Fairway Water Storage Tank Coating Project

SUMMARY

In December 2021, SCV Water Board of Directors adopted a resolution awarding a construction contract to Associated Tank Constructors, Inc. for the Fairway Water Storage Tank Coating Project in the amount of \$319,000, a project to remove and replace the interior lining and spot repair the exterior epoxy/urethane system to maintain the Fairway Tank's integrity and service life. Additional work beyond the original specifications has been required because of unforeseen conditions inside the tank. To date, one change order has been issued under the General Manager's authority for a total of \$9,250, which constitutes 2.9% of the original bid. This item concerns a second change order, which has been negotiated to an amount of \$50,000 (15.6%). The Agency's purchasing policy requires Board authorization for change orders that would increase total payments to a contractor by more than the greater of \$20,000 or 5% of the original contract amount.

DISCUSSION

A Request for Proposal was prepared, and the coating project was publicly bid on Planet Bids in accordance with the Purchasing Policy. The project was awarded to Associated Tank Constructors, Inc. and work has begun to remove the interior lining for replacement as well as spot repair to localized areas of the exterior. Upon sand blasting the center column and rafters inside the tank to remove the lining, it was discovered that additional repairs are needed to this area. The area of corrosion concern was identified around the center-most part of the roof support structure of the tank. The corrosion became apparent after the center of the tank was abrasive blast cleaned to bare metal. The recommendation is to replace 6 rafter ends with new sections and make weld repairs to pits on the top plate of the column.

FINANCIAL CONSIDERATIONS

Funds for this project are included in the FY 2021/22 Capital Improvement Program (CIP) for Storage Tank Improvements in the amount of \$455,000. Remaining fund balance available exceeds \$76,000.

RECOMMENDATION

The Engineering and Operations Committee recommend that the Board of Directors approve the General Manager to execute Change Order Number 2 to the contract with Associated Tank

Constructors, Inc. to increase the construction contract amount by \$50,000 to \$378,250 for the Fairway Water Storage Tank Coating Project.

M65



COMMITTEE MEMORANDUM

DATE: March 21, 2022

TO: Engineering and Operations Committee

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

SUBJECT: Recommend Approval of the Replacement of 5,000 meters as part of the AMI Meter Replacement Program

SUMMARY

On November 4, 2021, the Board of Directors authorized the purchase of approximately 5,000 Automated Metering Infrastructure (AMI) compatible meters for the SCV Water AMI Meter Replacement Program. This purchase coincided with a grant solicitation to convert approximately 20,000 meters to AMI technology over the next three years. In order to accomplish the task of converting this number of meters within this timeframe, staff solicited bids to install the initial 5,000 meters to meet grant requirements.

DISCUSSION

In 2021, staff applied for a Federal Bureau of Reclamation Water Smart Water-Energy Grant (WEEG) grant for an Automated Metering infrastructure project. The grant funding period is from July 1, 2022, through June 30, 2025. It is expected that over the next three years, approximately 20,000 meters will be converted to AMI compatible meters. The first 5,000 meters will be replaced with contract labor.

In November 2021, the Engineering and Operations Committee and the Board of Directors authorized the purchase of 5,000 AMI compatible meters for the AMI Meter Replacement Program. Due to long lead times and supply constraints, these meters needed to be preordered in order to be in stock and ready for replacement by July 1, 2022 in accordance with grant requirements. Staff prepared and issued a Request for Proposal and the project to install 5,000 meters was publicly bid on Planet Bids on February 23, 2022, in accordance with the Purchasing Policy. SCV Water's staff estimate for replacing 5,000 meters was \$425,000. This estimate is based on standard prevailing wage rates, expected time for a meter replacement and 25% overhead.

On March 2, 2022, staff received bids from two contractors, Golden Meter Service Inc. and Concord Utility Service.

CONTACTOR	BID AMOUNT
GOLDEN METER SERVICE INC	\$454,768.00
CONCORD UTILITY SERVICE	\$607,590.00

Staff reviewed the bids and recommends awarding the contract to Golden Meter Service Inc as the lowest responsible bidder.

FINANCIAL CONSIDERATIONS

Funds for this project are included in the approved FY21/22 & FY22/23 two-year Capital Improvement Meter Replacement Budget.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors authorize the General Manager to enter into a contract with Golden Meter Service Inc in the amount of \$455,000 to replace approximately 5,000 meters as part of the AMI Meter Replacement Program.

M65



April 7, 2022

SCV Water

Automated Metering Infrastructure
Engineering & Operations Committee Meeting

What is AMI?

- Meters are read in three main ways
 - Manual read meters (walking routes)
 - Automated Meter Reading (AMR - drive-by)
 - Automated Metering Infrastructure (AMI - remote meter read collection)
- AMI allows meters to be read without the need for field labor (walking/driving)
- A series of towers, base stations, and repeaters provide a constant stream of data collection

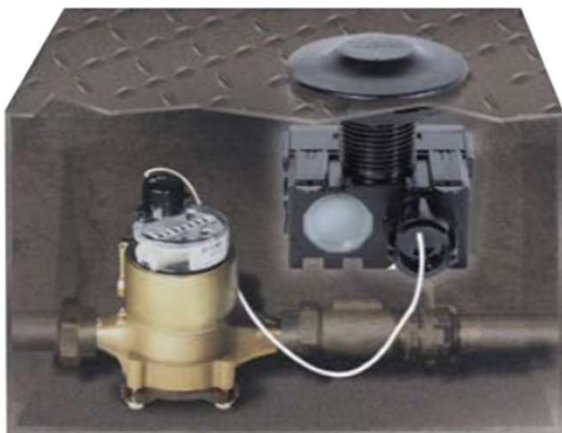


What types of meters does SCV Water currently have?

Meter Read Type	Number of Meters	System (PWS)
Manual	4,969	Valencia
AMI	~11,000	Santa Clarita/Valencia
AMR	~56,000	Castaic/Newhall/Pinetree/Santa Clarita/Tesoro/Valencia



Meter Reading Equipment



SCV Water Meter Replacements

- Routine Meter Replacements
 - Based on age, usage, warranty, failure, read style
 - Approximately 3,700 per year or 5%
- Meter Data
 - Age
 - Volume
 - Read Style



AMI Migration Plan

- Total of ~20,000 meters converted over the next 3 years
- Approximately 10,000 meters will be replaced as part of grant funding.
 - 4,969 manual read meters
 - 1,910 Castaic System AMR meters
 - 1,157 Tesoro System AMR meters
 - ~2,000 various other AMR meters in strategic locations
- Routine Meter Replacements
 - An additional ~11,100 meters will be replaced by SCVWA staff.



Meter Purchase

- In November 2021, the Engineering & Operations Committee and subsequently the Board of Directors authorized the purchase of approximately 5,000 meters.
- The meters have been ordered and are expected to be delivered in April 2022.



AMI Grant

- In November 2021, the Engineering & Operations Committee and subsequently the Board of Directors approved a Resolution to authorize the General Manager to apply for grant funding under the Bureau of Reclamation WaterSmart Water Energy Efficiency Grant Program.
- Grant notification is expected in Spring 2022.
- The AMI Meter Replacement Program is not dependent on grant funding.



Meter Replacement Bids

- An RFP was publicly bid through Planet Bids on February 23, 2022.
- Two bids were received on March 2, 2022.

Contractor	Bid Amount
Golden Meter Service, Inc.	\$454,768
Concord Utility Service	\$607,590

Operation's estimate was \$425,000

- Staff reviewed the bids and recommends awarding the contract to Golden Meter Service, Inc. as the lowest responsible bidder.



Financial Considerations

- Funds for this project are included in the approved FY22 & FY23 two-year Capital Improvement Meter & Meter Infrastructure Improvements Budget



Recommendation

- That the Engineering and Operations Committee recommends that the Board of Directors authorize the General Manager to enter into a contract with Golden Meter Service, Inc. in the amount not to exceed \$455,000 to replace approximately 5,000 meters as part of the AMI Meter Replacement Program.



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COMMITTEE MEMORANDUM

DATE: March 24, 2022
TO: Engineering and Operations Committee
FROM: Courtney Mael, P.E. *CM*
Chief Engineer
SUBJECT: Proposed FY 2022/23 Capital Improvement Projects

SUMMARY

Attached are the proposed capital improvement projects for FY 2022/23 for review and consideration.

FINANCIAL CONSIDERATIONS

Revenue sources to fund these projects will be considered separately by the Finance and Administration Committee. Sources may include SCV Water's share of the 1% property taxes, facility capacity fees, water rates and settlement payments from litigation.

RECOMMENDATION

The capital improvement project budgets are presented for review and comment only.

Attachments

CM

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Pay-go Projects

Priority 1 = Highest Priority, Priority 5 = Lowest Priority

Dept	Category	Capital Project Description	FY 2021/22 Adopted Budget	FY 21/22 Actuals as of Dec 2021	FY 2021/22 Projected 6/20/22	Priority FY 22/23	FY 2022/23 Adopted Budget	FY 22/23 Revised Budget
ESS	Booster Station/Turnout Improvements	Catala Pump Station	\$ -	\$ -	\$ -	2	\$ -	\$ 150,000
ESS	Booster Station/Turnout Improvements	Deane Pump Station @ Sand Canyon Plaza*	\$ 1,232,200	\$ 1,358	\$ 225,000	1	\$ 407,000	\$ 2,400,000
ESS	Booster Station/Turnout Improvements	Deane Pump Station @ Skyline Ranch*	\$ 900,000	\$ -	\$ 150,000	1	\$ 400,000	\$ 750,000
ESS	Booster Station/Turnout Improvements	Deane SC-6 Pump Station	\$ 175,000	\$ -	\$ -	2	\$ 750,000	\$ 50,000
ESS	Booster Station/Turnout Improvements	Deane SC-6 Soledad Pipeline	\$ 200,000	\$ -	\$ -	2	\$ 250,000	\$ 50,000
ESS	Booster Station/Turnout Improvements	Friendly Valley Booster Station (Crossroads)	\$ 75,000	\$ -	\$ -	2	\$ 125,000	\$ 75,000
ESS	Booster Station/Turnout Improvements	Market Street Pump Station	\$ 50,000	\$ -	\$ -	3	\$ 300,000	\$ -
ESS	Booster Station/Turnout Improvements	V-9 Improvements	\$ 158,000	\$ -	\$ 80,000	1	\$ 630,000	\$ 100,000
ESS	General Facility Improvements & Replaceme	Asset Management	\$ -	\$ -	\$ -	1	\$ -	\$ 200,000
ESS	General Facility Improvements & Replaceme	Office Reconfiguration - Summit Circle	\$ 15,000	\$ -	\$ 10,000		\$ -	\$ -
ESS	Pipelines & Pipeline Replacements	Catala PS Pipelines (Bouquet & Central Park)	\$ -	\$ -	\$ -	2	\$ -	\$ 150,000
ESS	Pipelines & Pipeline Replacements	Dickason Pipeline Replacement	\$ 20,000	\$ -	\$ 20,000	1	\$ -	\$ 2,300,000
ESS	Pipelines & Pipeline Replacements	Dockweiler-Sierra Hwy Pipeline*	\$ 175,000	\$ -	\$ -	2	\$ 300,000	\$ 150,000
ESS	Pipelines & Pipeline Replacements	Friendly Valley Pipeline @ Via Princesa (Crossroads)	\$ 100,000	\$ -	\$ -	2	\$ 125,000	\$ 50,000
ESS	Pipelines & Pipeline Replacements	Golden Valley Pipeline @ Via Princesa (Crossroads)	\$ 100,000	\$ -	\$ -	2	\$ 125,000	\$ 50,000
ESS	Pipelines & Pipeline Replacements	Golden Valley Road Bore & Jack	\$ -	\$ -	\$ -	1	\$ -	\$ 100,000
ESS	Pipelines & Pipeline Replacements	Honby Pipeline Bottleneck	\$ 100,000	\$ 90,765	\$ 100,000	3	\$ 500,000	\$ 500,000
ESS	Pipelines & Pipeline Replacements	Market Street/Shadeland/Maple Street Pipeline	\$ 75,000	\$ -	\$ -		\$ 150,000	\$ -
ESS	Pipelines & Pipeline Replacements	Pipeline Relocations/Modifications	\$ 213,900	\$ 64,320	\$ 200,000	1	\$ 500,000	\$ 4,334,900
ESS	Pipelines & Pipeline Replacements	Pitchess Pipeline Modifications Project	\$ 12,100	\$ -	\$ 12,100	2	\$ -	\$ 9,000
ESS	Pipelines & Pipeline Replacements	SC-12 Warmuth Pipeline	\$ 50,000	\$ -	\$ -		\$ 50,000	\$ -
ESS	Pipelines & Pipeline Replacements	Sierra Hwy Bridge Expansion Water Pipelines Protection	\$ 54,000	\$ -	\$ 54,000	2	\$ -	\$ 84,000
ESS	Pipelines & Pipeline Replacements	Valencia Marketplace Pipeline Replacement	\$ 200,000	\$ 17,445	\$ 200,000	1	\$ 1,965,000	\$ 3,200,000
ESS	Pipelines & Pipeline Replacements	Vista Cyn Bridge Piping at Soledad/Lost Canyon	\$ 300,000	\$ -	\$ 25,000	1	\$ -	\$ 150,000
ESS	Recycled Water Improvements	Recycled Water Program Phase II, 2B - Vista Cyn Distribution	\$ 400,000	\$ 378,174	\$ 400,000	1	\$ -	\$ 200,000
ESS	Recycled Water Improvements	Recycled Water Program Phase II, 2C - South End Distribution	\$ 327,450	\$ -	\$ 327,450	1	\$ 3,572,350	\$ 50,000
ESS	Tanks & Tank Facility Improvements	Deane Tank (One 2.08 MG Tank) @ Skyline Ranch*	\$ 1,420,000	\$ -	\$ 150,000	1	\$ 1,100,000	\$ 3,500,000
ESS	Tanks & Tank Facility Improvements	Deane Tank (Second 2.08 MG) @ Skyline Ranch	\$ -	\$ -	\$ -		\$ -	
ESS	Tanks & Tank Facility Improvements	Deane Tank Site (Existing) Improvements	\$ 50,000	\$ -	\$ -	1	\$ 550,000	\$ 275,000
ESS	Tanks & Tank Facility Improvements	Deane Tanks - One 1.5 MG Tank @ Sand Canyon Plaza*	\$ 1,175,000	\$ 12,728	\$ 150,000	1	\$ 1,845,000	\$ 1,750,000
ESS	Tanks & Tank Facility Improvements	Deane Zone Disinfection @ Skyline Ranch*	\$ 250,000	\$ 24,580	\$ 25,000	1	\$ 250,000	\$ 100,000
ESS	Tanks & Tank Facility Improvements	ESFP Two 5 MG Tanks Improvements	\$ 1,595,000	\$ 53,040	\$ 200,000	3	\$ 2,200,000	\$ 50,000
ESS	Tanks & Tank Facility Improvements	Friendly Valley Tank (3.25 MG) @ Crossroads	\$ 100,000	\$ -	\$ -	3	\$ 150,000	\$ 150,000
ESS	Tanks & Tank Facility Improvements	Golden Valley Tank (1.6 MG) @ Crossroads	\$ 100,000	\$ 1,316	\$ -	3	\$ 100,000	\$ 50,000
ESS	Tanks & Tank Facility Improvements	Newhall Tanks 1 and 1A - Tank Upgrades	\$ 50,000		\$ 50,000	1	\$ -	\$ 700,000
ESS	Tanks & Tank Facility Improvements	Placerita Tanks (Two 1.6 MG Tanks)	\$ 75,000		\$ -		\$ 100,000	\$ -
ESS	Tanks & Tank Facility Improvements	Stair/Ladder Safety Improvements	\$ 790,000	\$ 9,418	\$ 50,000	2	\$ 2,300,000	\$ 100,000
ESS	Tanks & Tank Facility Improvements	Tank 4 (1.5 MG Tank @Wiley Canyon)	\$ 75,000	\$ -	\$ -		\$ 150,000	\$ -
ESS	Treatment Plant Improvements	RVWTP Underground Storage Tank Replmt	\$ 526,000	\$ 61,857	\$ 250,000	2	\$ 1,449,000	\$ 100,000
ESS	Wellhead Treatment Improvements	Well 205 (Perchlorate)	\$ 510,000	\$ 11,025	\$ 137,000	1	\$ 9,490,000	\$ 615,000
ESS	Wellhead Treatment Improvements	Well Q2 (Perchlorate)	\$ 300,000	\$ 470	\$ 300,000		\$ -	\$ -
ESS	Wells & Well Facility Improvements	Saugus 3 & 4 Replacement Wells (Complete by 7/1/25)	\$ 4,882,000	\$ 591,092	\$ 1,400,000	1	\$ 3,288,000	\$ 14,200,000
ESS	Wells & Well Facility Improvements - PFAS	Additional Wells (T7, U4, U6) (includes S1&S2 Wells VOC Treatment & Flexlend)	\$ -	\$ 17,835	\$ 500,000	1		\$ 1,400,000
ESS	Wells & Well Facility Improvements - PFAS	E Wells (E-14, E-15, E-16, E-17)	\$ -	\$ 9,567	\$ 265,000	1		\$ 1,800,000
ESS	Wells & Well Facility Improvements - PFAS	S Wells (S6, S7 and S8)	\$ -	\$ 9,965	\$ 250,000	1		\$ 750,000
ESS	Wells & Well Facility Improvements - PFAS	Santa Clara and Honby Wells	\$ -	\$ 122,140	\$ 865,000	1		\$ 6,400,000
ESS	Wells & Well Facility Improvements - PFAS	Valley Center Well	\$ -	\$ 1,520,703	\$ 3,500,000	1		\$ 500,000
TDOMS	Admin & Tech	Lab Equipment	\$ 50,000	\$ -	\$ -		\$ 50,000	\$ -
TDOMS	Admin & Tech	Miscellaneous Large Tools and Equipment	\$ 35,000	\$ -	\$ -		\$ 35,000	\$ -
TDOMS	Appurtenance Improvements	Appurtenance Improvements & Replacements	\$ 410,000	\$ 19,998	\$ 410,000	1	\$ 410,000	\$ 410,000
TDOMS	Booster Station/Turnout Improvements	Booster Station/Turnout Improvements & Replacements	\$ 1,060,000	\$ -	\$ 550,000	1	\$ 685,000	\$ 1,050,000
TDOMS	Disinfection System Improvements	Disinfection System Improvements & Replacements	\$ 1,010,000	\$ 130,145	\$ 325,000	1	\$ 1,010,000	\$ 775,000
TDOMS	ESFP Improvements	ESFP Improvements & Replacements	\$ 385,000	\$ -	\$ 385,000	1	\$ 385,000	\$ 450,000
TDOMS	ESIPS Improvements	ESIPS Improvements & Replacements	\$ 100,000	\$ 63,798	\$ 100,000	1	\$ 100,000	\$ 100,000

Dept	Category	Capital Project Description	FY 2021/22 Adopted Budget	FY 21/22 Actuals as of Dec 2021	FY 2021/22 Projected 6/20/22	Priority FY 22/23	FY 2022/23 Adopted Budget	FY 22/23 Revised Budget
TDOMS	General Facility Improvements & Replaceme	Equipment and Vehicle Improvements & Replacements	\$ 1,375,000	\$ 63,437	\$ 200,000	1	\$ 1,575,000	\$ 1,575,000
TDOMS	General Warehouse & Surface Improvement	Warehouse & Surface Improvements & Replacements	\$ -	\$ -	\$ -	1		\$ 850,000
TDOMS	Laboratory Improvements	Laboratory Improvements & Replacements	\$ 770,000	\$ -	\$ 375,000	1	\$ 450,000	\$ 400,000
TDOMS	Meter & Meter Infrastructure Improvements	Meter & Meter Infrastructure Improvements & Replacements	\$ 2,075,000	\$ 342,069	\$ 2,075,000	1	\$ 2,075,000	\$ 2,075,000
TDOMS	Warehouse & Surface Improvements	Warehouse & Surface Improvements & Replacements	\$ -	\$ -	\$ -	1	\$ -	\$ 850,000
TDOMS	Pipelines & Pipeline Improvements	Pipelines & Pipeline Improvements & Replacements	\$ 4,800,000	\$ 697,274	\$ 2,100,000	1	\$ 4,000,000	\$ 2,100,000
TDOMS	R&R Budget	ESFP Access Road Automatic Gate	\$ 75,000	\$ -	\$ 75,000		\$ -	\$ -
TDOMS	R&R Budget	Pipeline Repair & Replacement	\$ 25,000	\$ 16,182	\$ -		\$ 25,000	\$ -
TDOMS	R&R Budget	Recycled Water System Repair & Replacement	\$ 550,000	\$ 300	\$ -		\$ 550,000	\$ -
TDOMS	R&R Budget	RVTP Access Road Automatic Gate	\$ -	\$ -	\$ -		\$ 50,000	\$ -
TDOMS	R&R Budget	Sand Canyon System Repair & Replacement	\$ 65,000	\$ -	\$ -		\$ 65,000	\$ -
TDOMS	R&R Budget	Saugus 1 and 2 Wells Repair & Replacement	\$ 75,000	\$ -	\$ -		\$ 75,000	\$ -
TDOMS	R&R Budget	WR-Summit Circle - Repair & Replacement	\$ 24,000	\$ -	\$ -		\$ 24,000	\$ -
TDOMS	RVIPS Improvements	RVIPS Improvements & Replacements	\$ 115,000	\$ -	\$ 115,000	1	\$ 115,000	\$ 100,000
TDOMS	RVTP Improvements	RVTP Improvements & Replacements (includes Access Gate Improvements)	\$ 579,450	\$ 7,317	\$ 579,450	1	\$ 579,450	\$ 700,000
TDOMS	Tanks & Tank Facility Improvements	Tanks & Storage Facility Improvements & Replacements	\$ 970,000	\$ 85,344	\$ 700,000	1	\$ 1,060,000	\$ 840,000
TDOMS	Technology Improvements	SCADA Improvements & Replacements	\$ 375,000	\$ 56,861	\$ 200,000	1	\$ 375,000	\$ 300,000
TDOMS	Wells & Well Facility Improvements	Wells & Well Facility Improvements	\$ 1,170,000	\$ 282,609	\$ 550,000	1	\$ 1,005,000	\$ 976,000
			\$ 32,924,100	\$ 4,763,131	\$ 18,635,000		\$ 47,819,800	\$ 61,093,900

Debt Funded Projects

Priority 1 = Highest Priority, Priority 5 = Lowest Priority

Dept	Category	Capital Project Description	FY 2021/22 Adopted Budget	FY 21/22 Actuals as of Dec 2021	FY 2021/22 Projected 6/20/22	Priority FY 22/23	FY 2022/23 Adopted Budget	FY 22/23 Revised Budget
ESS	Treatment Plant Improvements	ESFP Sludge Collection System	\$ 5,666,000	\$ 58,798	\$ 2,000,000	1	\$ 8,675,000	\$ 15,000,000
ESS	Recycled Water Improvements	Recycled Water Program Phase II, 2C - South End Backbone (Grant deadline: April 30, 2022)	\$ 857,550	\$ 87,515	\$ 200,000	1	\$ 6,082,650	\$ 6,000,000
ESS	Pipelines & Pipeline Replacements	Castaic Conduit	\$ 180,000	\$ 2,031	\$ 150,000	2	\$ 520,000	\$ 4,200,000
ESS	Pipelines & Pipeline Replacements	Magic Mountain Pipeline No. 6	\$ 8,900,000	\$ 4,702,085	\$ 7,000,000	1	\$ -	\$ 3,400,000
ESS	Tanks & Tank Facility Improvements	Magic Mountain Reservoir	\$ 977,000	\$ 67,985	\$ 200,000	1	\$ 6,502,000	\$ 3,000,000
ESS	Pipelines & Pipeline Replacements	LARC Pipeline*	\$ 825,000	\$ 28,045	\$ 250,000	1	\$ -	\$ 1,500,000
ESS	Recycled Water Improvements	Recycled Water Fill Station	\$ 78,000	\$ 14,361	\$ 78,000	1	\$ 705,000	\$ 1,000,000
ESS	Pipelines & Pipeline Replacements	Magic Mountain Pipeline No. 4	\$ 420,000	\$ 119,989	\$ 380,000	1	\$ -	\$ 250,000
ESS	Pipelines & Pipeline Replacements	Magic Mountain Pipeline No. 5	\$ 552,000	\$ 142,800	\$ 500,000	1	\$ -	\$ 250,000
ESS	Wells & Well Facility Improvements	Saugus Dry Year Reliability Wells 5 & 6	\$ 220,000	\$ 257	\$ 20,000	3	\$ 230,000	\$ 230,000
ESS	Recycled Water Improvements	Recycled Water Program Phase II, 2B - Vista Canyon Backbone	\$ 5,250,000	\$ 1,855,978	\$ 5,250,000	1	\$ -	\$ 200,000
ESS	Wellhead Treatment Improvements	Mitchell 5A Replacement	\$ 300,000	\$ -	\$ 20,000	1	\$ 375,000	\$ 150,000
ESS	Pipelines & Pipeline Replacements	Honby Parallel	\$ 135,000	\$ 7,249	\$ 135,000	3	\$ 110,000	\$ 100,000
ESS	Capital Planning & Studies	As-Needed Regulatory Support for Non-Potable Recycled Water Permitting	\$ 65,000	\$ -	\$ 65,000	1	\$ -	\$ 100,000
ESS	Recycled Water Improvements	Recycled Water Program Phase II, 2A - Central Park	\$ 1,000	\$ -	\$ 1,000	5	\$ 1,000	\$ 1,000
ESS	Wellhead Treatment Improvements-PFAS	Valley Center Well	\$ 3,805,000	\$ -	\$ -	1	\$ -	\$ -
ESS	Wellhead Treatment Improvements-PFAS	Santa Clara and Honby Wells	\$ 5,665,000	\$ -	\$ -	1	\$ 2,845,000	\$ -
ESS	Wellhead Treatment Improvements-PFAS	E Wells (E-14, E-15, E-16, E-17)	\$ 265,000	\$ -	\$ -	1	\$ 977,000	\$ -
ESS	Wellhead Treatment Improvements-PFAS	Additional Wells (T7, U4, U6) (includes S1&S2 Wells VOC Treatment & Flexextend)	\$ 1,000,000	\$ -	\$ -	1	\$ 9,375,000	\$ -
ESS	Wellhead Treatment Improvements-PFAS	S Wells (S6, S7 and S8)	\$ 400,000	\$ -	\$ -	1	\$ 750,000	\$ -
			\$ 35,561,550	\$ 7,087,093	\$ 16,249,000		\$ 37,147,650	\$ 35,381,000

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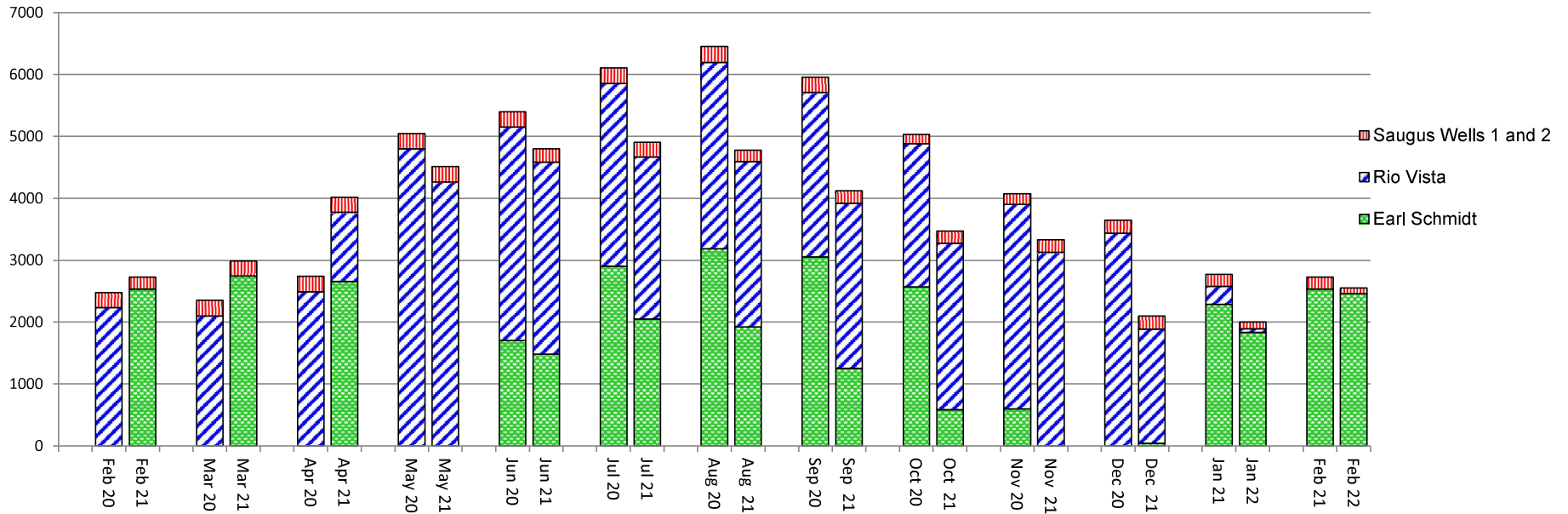
Monthly Operations & Production Report

February 2022

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SANTA CLARITA VALLEY WATER AGENCY
February 2022 Regional Operations Report

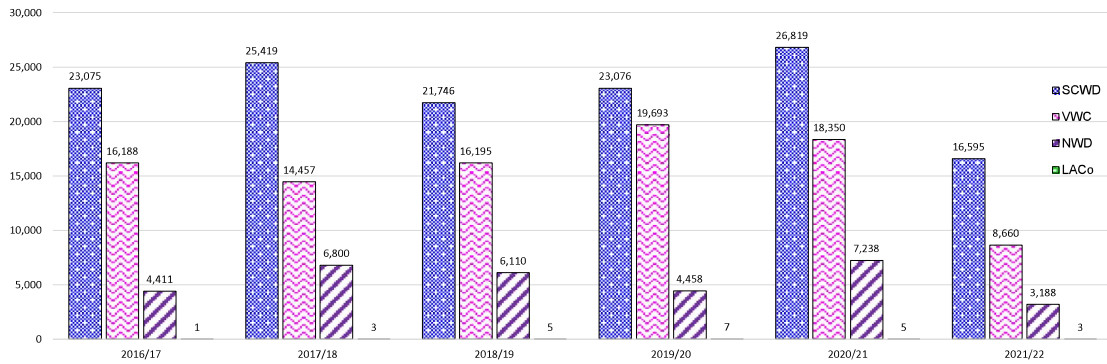
Water Supply (acre-feet)



Source	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Total
Earl Schmidt	2533	2748	2659	0	1484	2049	1922	1252	587	0	43	1837	2459	19573
Rio Vista	0	0	1115	4265	3098	2620	2675	2671	2689	3127	1847	55	0	24162
Saugus 1 and 2	197	239	241	251	218	239	183	200	193	200	205	106	94	2566
Total	2730	2987	4015	4516	4800	4908	4780	4123	3469	3327	2095	1998	2553	43748
Total Sold	2662	2871	3887	4500	4809	5030	5069.61	4559	3585	3390	2113	2106	2593	47174.61
RWTP Use/Storage	7.31	4.66	34.82	29.93	48.12	-26.35	89.5	8.6	24.69	22.18	59.27	-64.57	3.22	241.38
Total Use	2669.31	2875.66	3921.82	4529.93	4857.12	5003.65	5159.11	4567.6	3609.69	3412.18	2172.27	2041.43	2596.22	44819.77
Water Loss	-2.22%	-3.73%	-2.32%	0.31%	1.19%	1.95%	7.93%	10.78%	4.06%	2.56%	3.69%	2.17%	1.69%	2.20%
Recycled Water	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Total
Valencia	15	23	38	51	66	71	66	56	42	28	9	15	19	499

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

HISTORICAL FY Production 2016-2022



HISTORICAL FY PRODUCTION 2016-2022

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	2,284	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	1,862	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	0	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	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
Total	5,823	5,779	5,316	4,879	3,651	1,715	2,353	2,411	2,309	2,660	5,004	5,336	47,234
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	
2020/21	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,849	3,117	2,792	2,470	1,907	1,907	1,548	1,423	1,590	2,080	2,428	2,709	26,819
VWD	2,316	2,257	2,115	1,915	1,653	1,324	904	892	962	1,233	1,383	1,395	18,350
NWD	882	999	963	584	490	375	313	347	318	573	689	705	7,238
LACo	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	6,048	6,373	5,870	4,970	4,050	3,605	2,766	2,662	2,871	3,887	4,500	4,809	52,413
Cum. FYTD	6,048	12,422	18,292	23,262	27,312	30,918	33,683	36,346	39,216	43,103	47,603	52,413	
2021/22	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,950	2,924	2,593	2,053	1,941	1,255	1,331	1,547	0	0	0	0	16,595
VWD	1,381	1,439	1,386	1,172	1,158	690	634	799	0	0	0	0	8,660
NWD	700	705	581	358	291	167	140	247	0	0	0	0	3,188
LACo	1	1	0	0	0	0	0	0	0	0	0	0	3
Total	5,030	5,070	4,559	3,585	3,390	2,113	2,106	2,593	0	0	0	0	28,445
Cum. FYTD	5,030	10,100	14,660	18,244	21,634	23,747	25,852	28,445	28,445	28,445	28,445	28,445	

*Total does not include recycled water.

SANTA CLARITA VALLEY WATER AGENCY

Record of Weather Observations

January 2022

DATE	High Temperature (°F)	Low Temperature (°F)	Precipitation (inches) 2022	Precipitation (inches) 2021
1-Jan	54	30	0.01	0.00
2-Jan	56	30	0.00	0.00
3-Jan	64	27	0.00	0.00
4-Jan	66	29	0.00	0.00
5-Jan	69	39	0.00	0.01
6-Jan	78	38	0.00	0.00
7-Jan	64	36	0.00	0.00
8-Jan	64	38	0.00	0.00
9-Jan	66	36	0.00	0.00
10-Jan	63	52	0.00	0.00
11-Jan	69	49	0.00	0.00
12-Jan	72	48	0.00	0.00
13-Jan	69	48	0.00	0.00
14-Jan	72	39	0.01	0.00
15-Jan	66	54	0.01	0.00
16-Jan	71	46	0.00	0.00
17-Jan	59	49	0.25	0.00
18-Jan	63	44	0.09	0.00
19-Jan	65	38	0.01	0.00
20-Jan	71	38	0.01	0.00
21-Jan	68	35	0.01	0.00
22-Jan	64	41	0.00	0.00
23-Jan	69	40	0.00	0.09
24-Jan	74	35	0.00	0.02
25-Jan	69	33	0.00	0.19
26-Jan	64	35	0.00	0.01
27-Jan	68	32	0.00	0.00
28-Jan	63	53	0.00	1.33
29-Jan	60	35	0.00	0.42
30-Jan	74	30	0.00	0.01
31-Jan	64	33	0.00	0.00

TOTAL			0.40	2.08
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	2021-2022	2020-2021
Total Precipitation (inches) of Current Month	0.40	2.08
Total Precipitation (inches) End of Previous Month	15.12	1.58

Total Precipitation (inches) Since October 1st	15.52	3.66
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Temperature (°F) Averages for Current Month	HIGH	66.4	65.4
	LOW	39.0	39.1

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

	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Oct	1.13	0.22	0.00	1.10	4.79	1.91	0.42	0.25	0.09	4.04	1.34
Nov	0.00	3.18	3.01	0.63	0.64	0.59	0.05	0.50	1.78	0.08	1.87
Dec	0.00	1.30	5.85	2.57	8.54	0.14	0.83	2.67	3.01	4.28	11.97
Jan	5.84	1.55	0.00	0.65	17.06	3.27	1.66	17.54	0.69	9.13	0.96
Feb	10.76	0.51	9.03	8.07	16.69	3.78	1.38	1.82	6.78	4.96	5.36
Mar	3.38	0.38	2.38	0.37	2.70	5.68	0.17	0.10	1.18	0.69	8.86
Apr	2.56	0.05	2.35	0.20	1.42	4.22	0.71	0.07	0.07	2.40	0.12
May	0.00	0.12	1.70	0.00	0.45	0.99	0.00	0.17	0.01	0.07	0.74
Jun	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.04
Jul	0.00	0.00	0.02	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.01
Aug	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
Sep	0.00	0.02	0.00	0.00	0.17	0.00	1.32	0.00	0.00	0.00	0.00
TOTAL	23.67	7.34	24.34	13.59	52.55	20.58	6.58	23.12	13.64	25.65	31.27

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Oct	1.97	0.15	0.11	0.32	0.17	0.43	0.00	0.52	0.01	0.04	1.22
Nov	2.50	2.20	1.41	0.64	0.21	1.49	0.06	1.87	2.61	0.14	0.04
Dec	1.19	1.54	0.37	6.16	0.49	3.44	0.01	2.77	5.12	1.40	13.86
Jan	1.23	1.94	0.06	1.44	6.07	10.30	3.18	8.08	0.54	2.08	0.40
Feb	0.13	0.42	5.26	0.74	0.69	8.98	0.35	8.56	0.12	0.03	0.00
Mar	4.99	1.21	1.64	1.09	2.75	0.33	7.50	4.15	5.81	0.84	
Apr	4.02	0.00	0.31	0.16	0.37	0.09	0.02	0.09	4.45	0.01	
May	0.01	0.74	0.00	0.66	0.09	0.26	0.01	1.60	0.16	0.00	
Jun	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.00	
Jul	0.00	0.08	0.02	0.87	0.00	0.01	0.00	0.00	0.00	0.00	
Aug	0.01	0.00	0.05	0.00	0.02	0.07	0.00	0.00	0.00	0.03	
Sep	0.02	0.00	0.00	0.78	0.00	0.13	0.02	0.03	0.01	0.00	
TOTAL	16.07	8.28	9.23	12.87	10.87	25.53	11.15	27.68	18.84	4.57	15.52

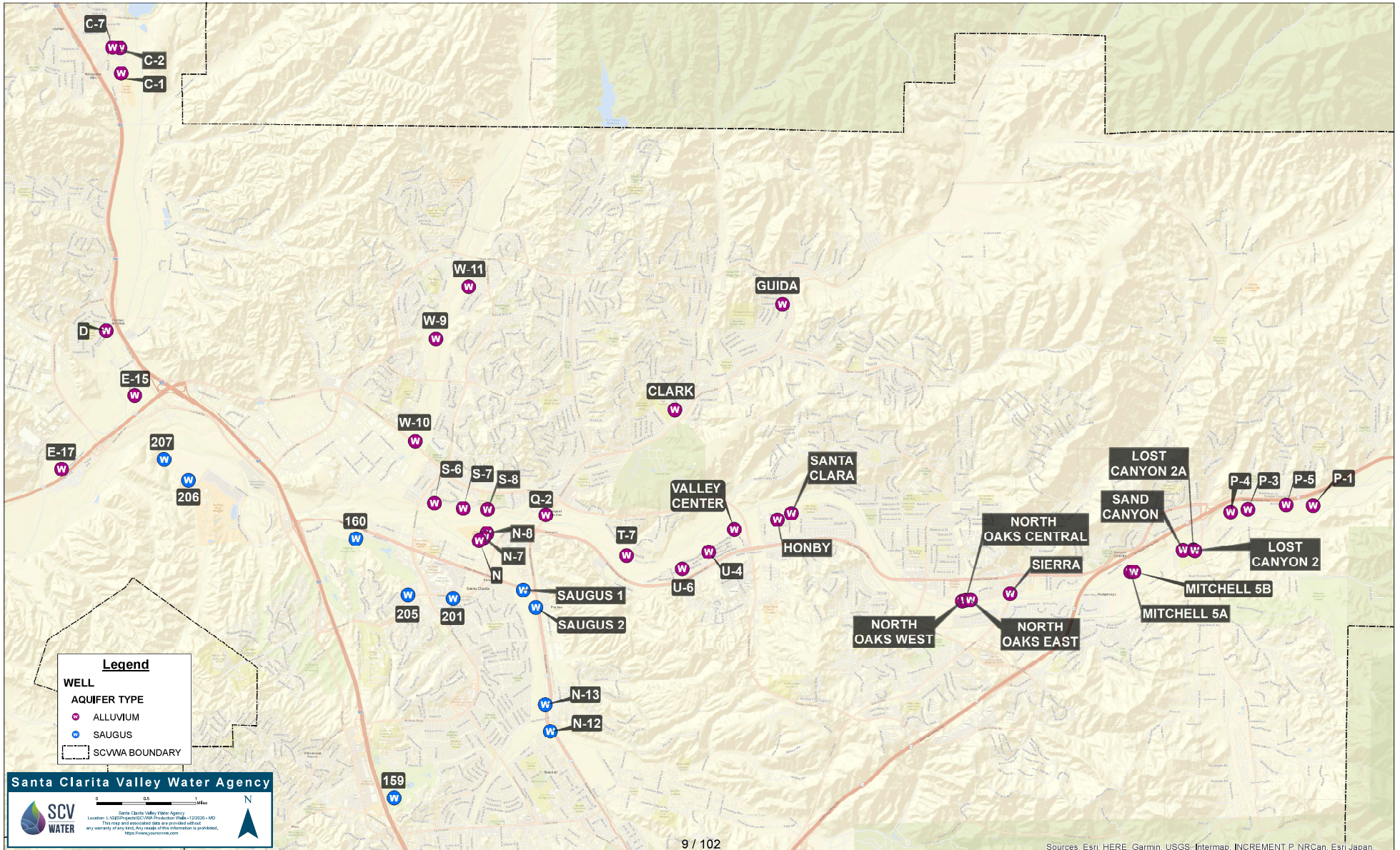
SANTA CLARITA VALLEY WATER AGENCY
 WATER PRODUCTION 2022 (ACRE-FEET)

GROUNDWATER - ALLUVIUM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
C1	26	30											56
C2	13	14											27
C7	35	41											76
CLARK	0	0											0
D	0	0											0
E15	54	62											116
E17	45	54											99
GUIDA	45	53											97
HONBY	0	0											0
LOST CANYON NO.2	5	26											31
LOST CANYON NO.2A	28	63											91
MITCHELL 5A	6	0											6
MITCHELL 5B	0	0											0
N	89	79											168
N7	145	88											233
N8	160	184											344
NORTH OAKS CENTRAL	0	0											0
NORTH OAKS EAST	0	0											0
NORTH OAKS WEST	0	0											0
P1	15	12											27
P3	52	46											99
P4	0	0											0
P5	0	0											0
Q2	0	0											0
S6	0	0											0
S7	0	0											0
S8	0	0											0
SAND CANYON	28	63											91
SANTA CLARA	0	0											0
SIERRA	40	48											87
T7	0	0											0
U4	0	0											0
U6	0	0											0
VALLEY CENTER	0	0											0
W9	35	50											86
W10	58	95											153
W11	45	63											108
	922	1074	0	0	0	0	0	0	0	0	0	0	1996
GROUNDWATER - SAUGUS													
159	0	0											0
160 - DOM	35	42											77
160 - VGC (not included in % by Source)	13	25											37
201	0	0											0
205	0	0											0
206	50	106											156
207	54	116											170
N12	109	117											225
N13	122	132											254
SAUGUS 1	103	93											196
SAUGUS 2	3	1											4
	489	630	0	0	0	0	0	0	0	0	0	0	1119
TOTAL GROUNDWATER	1411	1704	0	0	0	0	0	0	0	0	0	0	3115

SANTA CLARITA VALLEY WATER AGENCY
 WATER PRODUCTION 2022 (ACRE-FEET)

SURFACE WATER + SAUGUS 1 & SAUGI	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
N-1	26	30											56
N-2	27	61											89
N-3	26	49											75
N-4	60	107											167
SC-1	253	264											517
SC-2	0	13											13
SC-3	4	37											40
SC-4	287	354											641
SC-5	16	0											16
SC-6	70	81											151
SC-7	154	201											354
SC-8	120	163											283
SC-9	263	245											508
SC-10	25	31											56
SC-11	0	0											0
SC-12	48	54											102
SC-13	92	104											196
V-1	90	115											204
V-2	184	259											443
V-4	34	46											79
V-5	150	126											276
V-6	51	59											110
V-7	42	56											98
V-8	84	138											222
	2106	2593	0	0	0	0	0	0	0	0	0	0	4699
TOTAL SURFACE WATER - SAUGUS 1 &	1999	2499	0	0	0	0	0	0	0	0	0	0	4499
TOTAL PRODUCTION (GW + SURFACE V	3410	4203	0	0	0	0	0	0	0	0	0	0	7613
% BY SOURCE													
GROUNDWATER	41%	40%											41%
SURFACE WATER	59%	60%											59%
RAW WATER - SOURCE													
RVWTP	55	0											55
ESFP	1,837	2,459											4,295
RECYCLED WATER													
RWPS 1	15	19											35
WHOLESALE - LA COUNTY WATERWOR													
LA 1	0	0											0
LA 3	0	0											0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

SCVWA PRODUCTION WELLS



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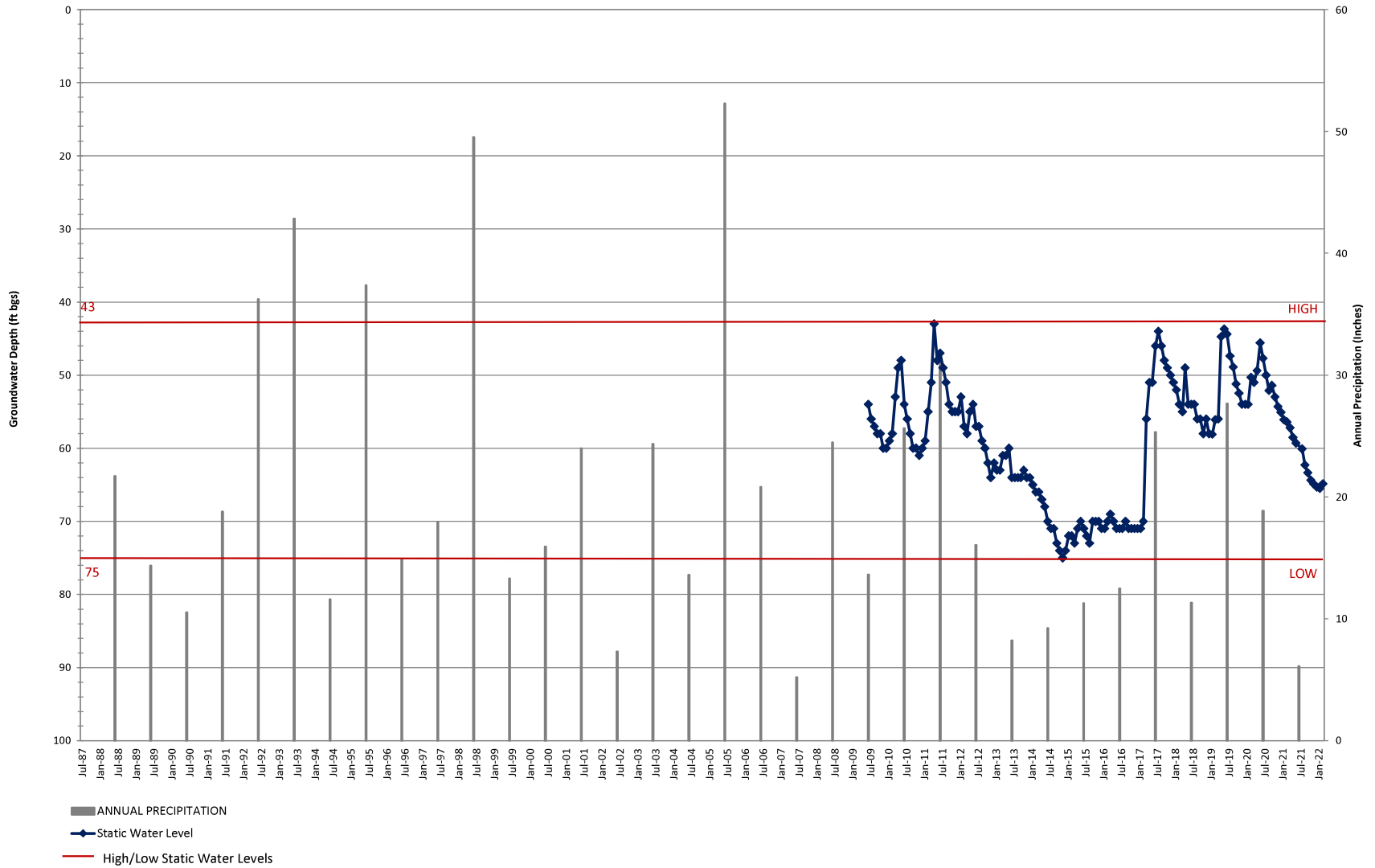
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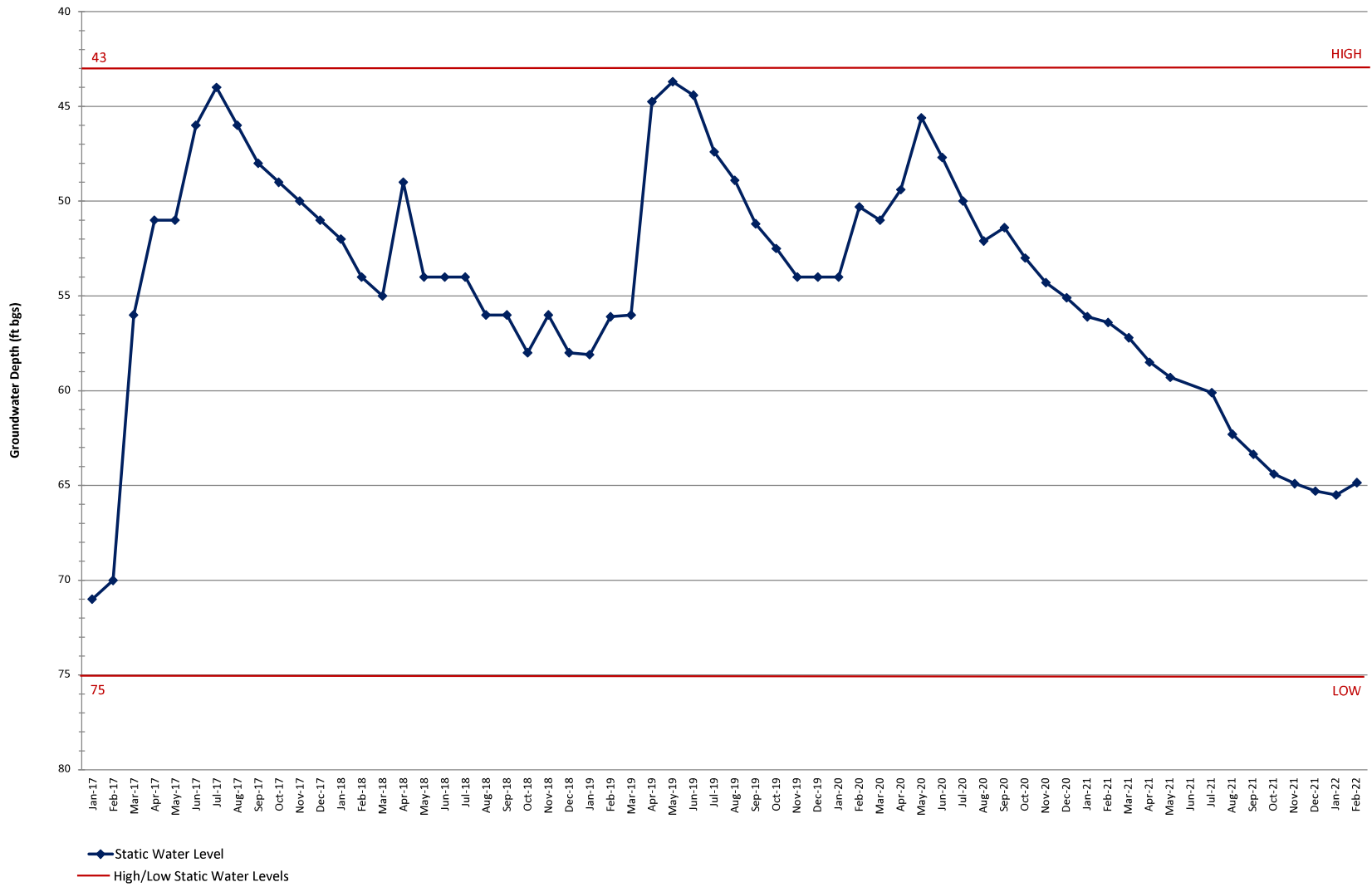
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<u>SCV WATER WELL GRAPHS</u>	<u>11</u>
C7 -----	13-14
C2 -----	15-16
C1 -----	17-18
D -----	19-20
E15 -----	21-22
E17 -----	23-24
207 -----	25-26
206 -----	27-28
159 -----	29-30
160 -----	31-32
W9 -----	33-34
W11 -----	35-36
W10 -----	37-38
S6 -----	39-40
S7 -----	41-42
S8 -----	43-44
205 -----	45-46
201 -----	47-48
N -----	49-50
N7 -----	51-52
N12 -----	53-54
N13 -----	55-56
N8 -----	57-58
Q2 -----	59-60

GUIDA #14	-----	61-62
T7	-----	63-64
CLARK #15	-----	65-66
U6	-----	67-68
U4	-----	69-70
VALLEY CENTER	-----	71-72
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LOST CANYON 2	-----	93-94
P4	-----	95-96
P3	-----	97-98
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P1	-----	100-101

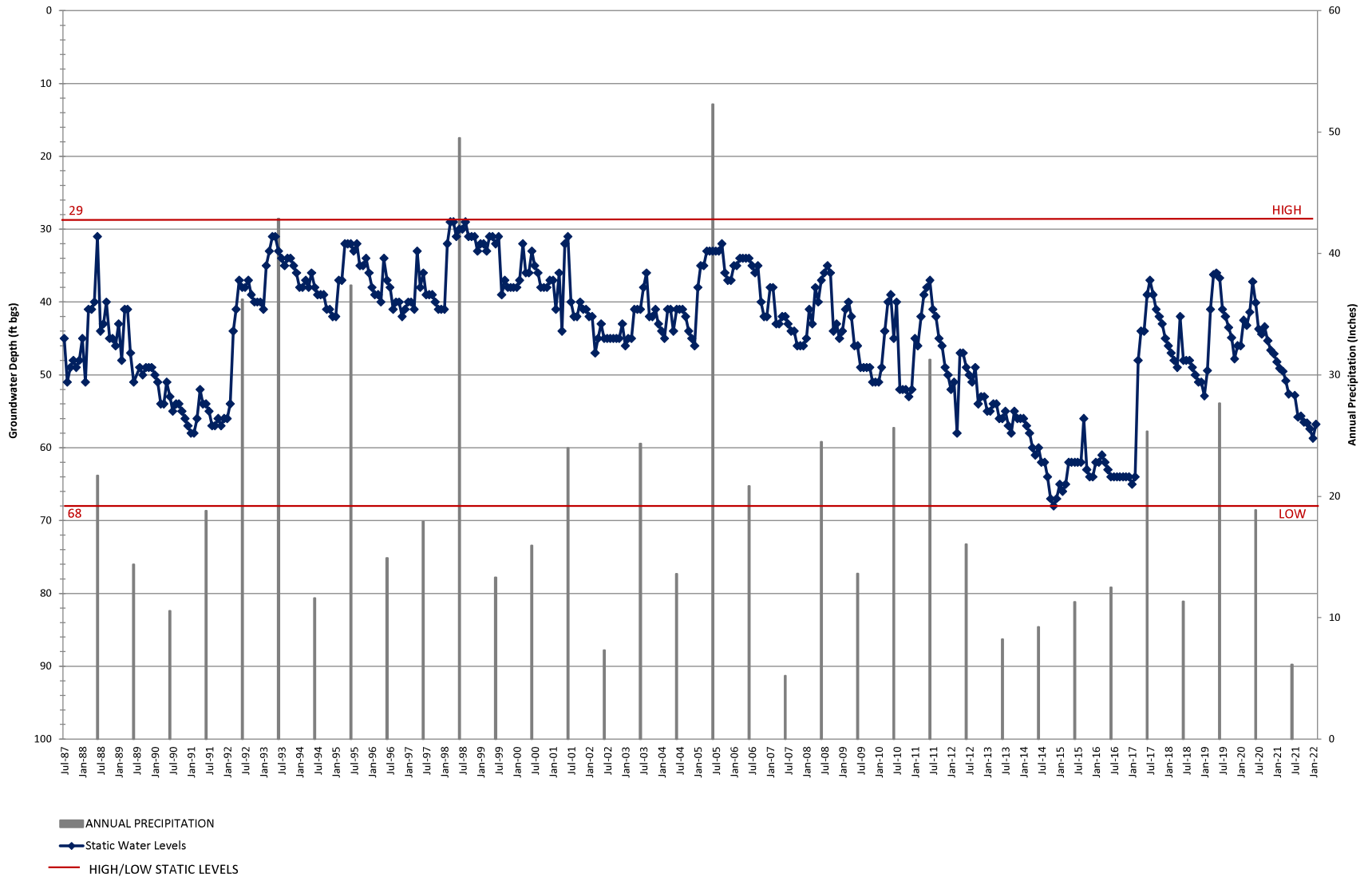
SCV WATER WELL C7
 STATIC WATER LEVEL VS PRECIPITATION



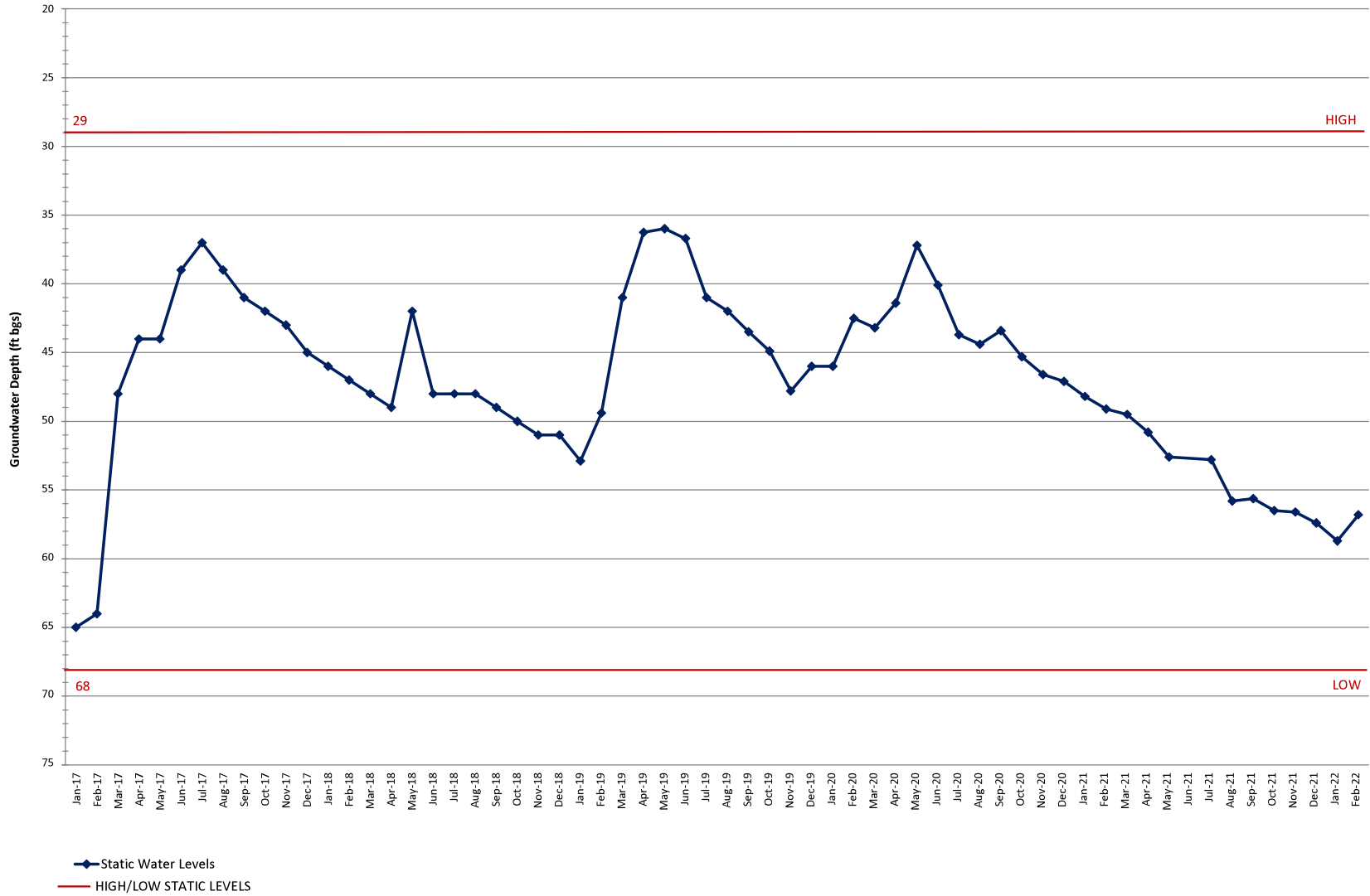
SCV WATER WELL C7
 STATIC WATER LEVEL



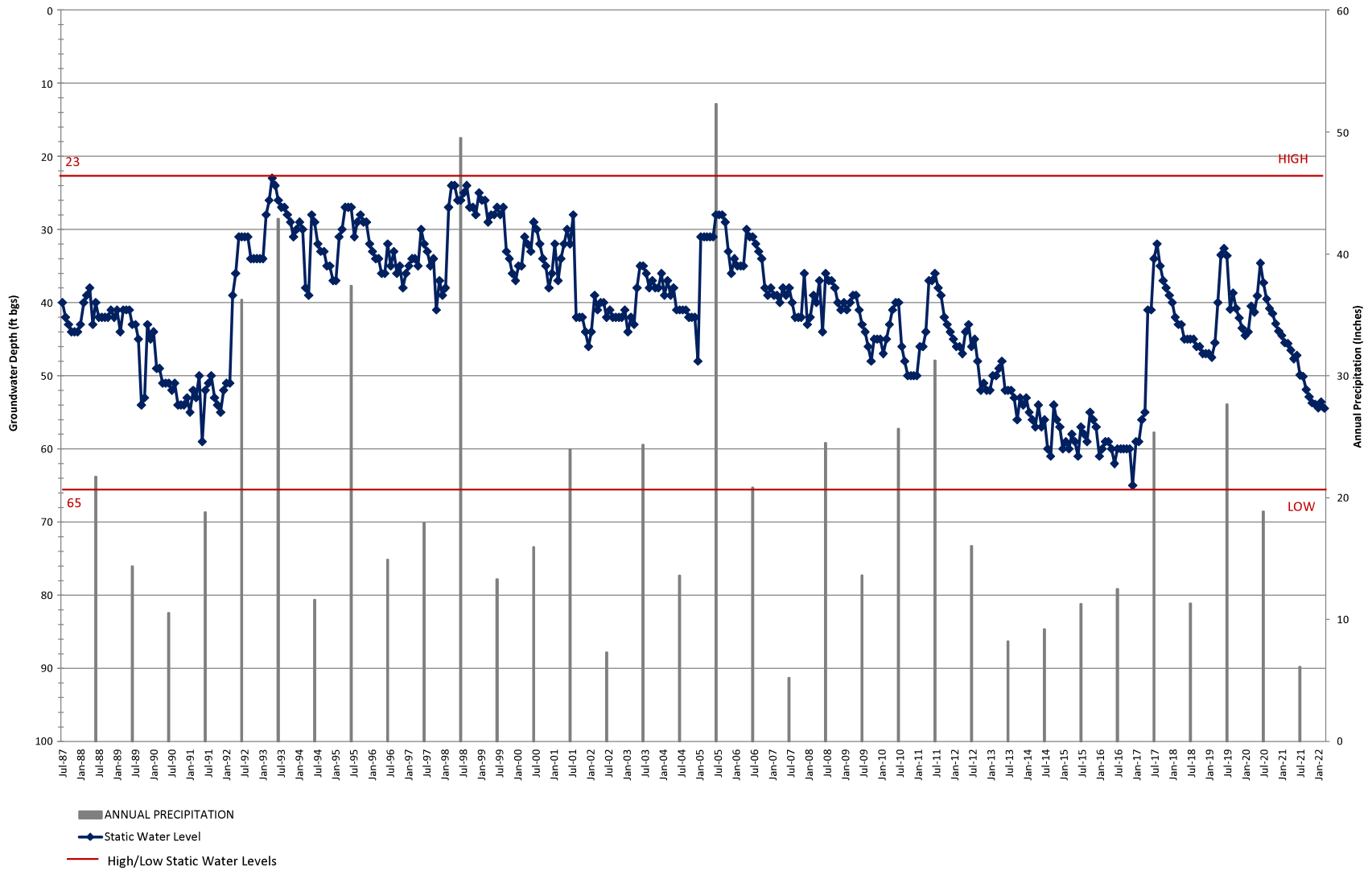
SCV WATER WELL C2
 STATIC WATER LEVEL VS PRECIPITATION



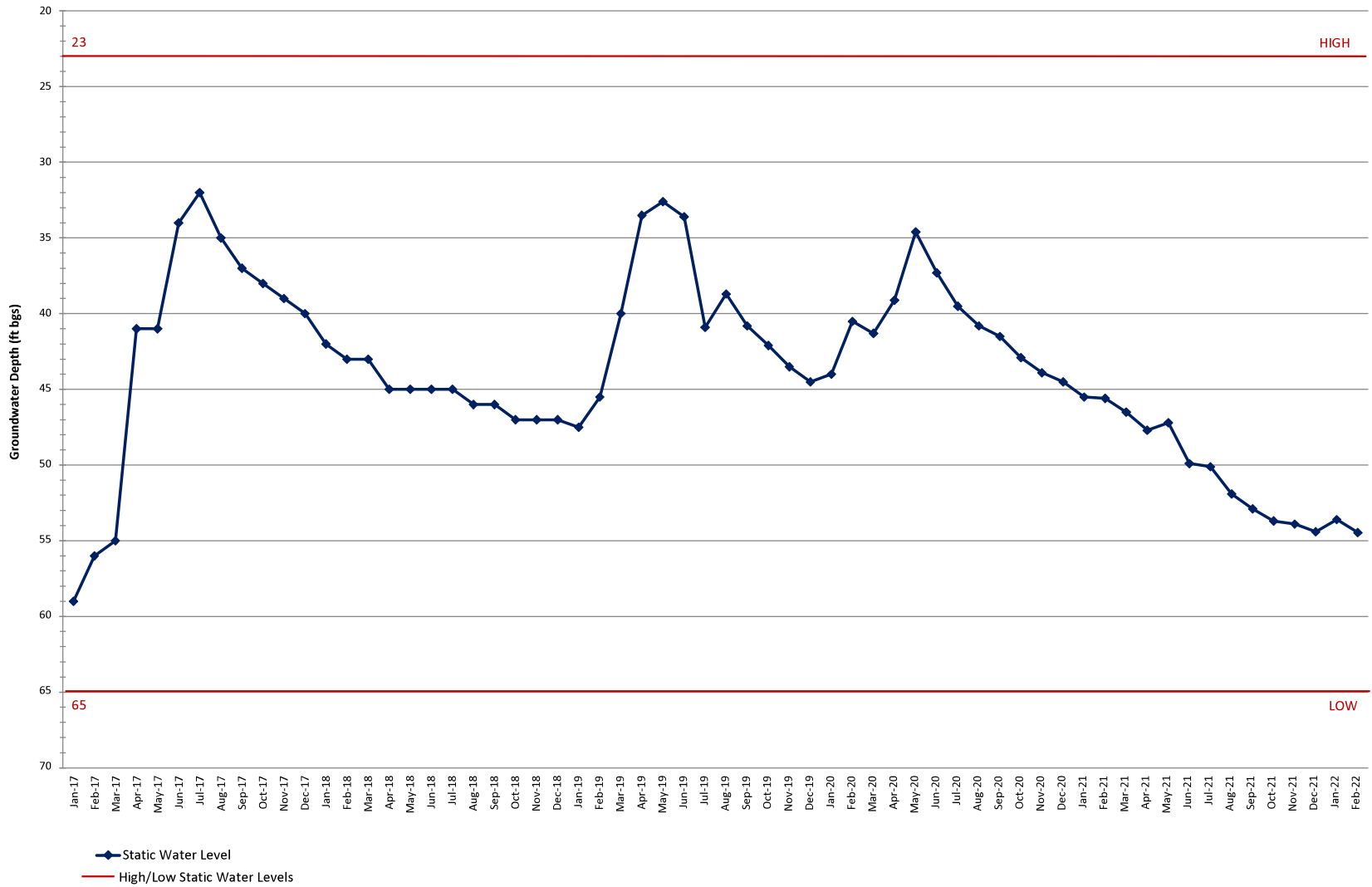
SCV WATER WELL C2
 STATIC WATER LEVEL



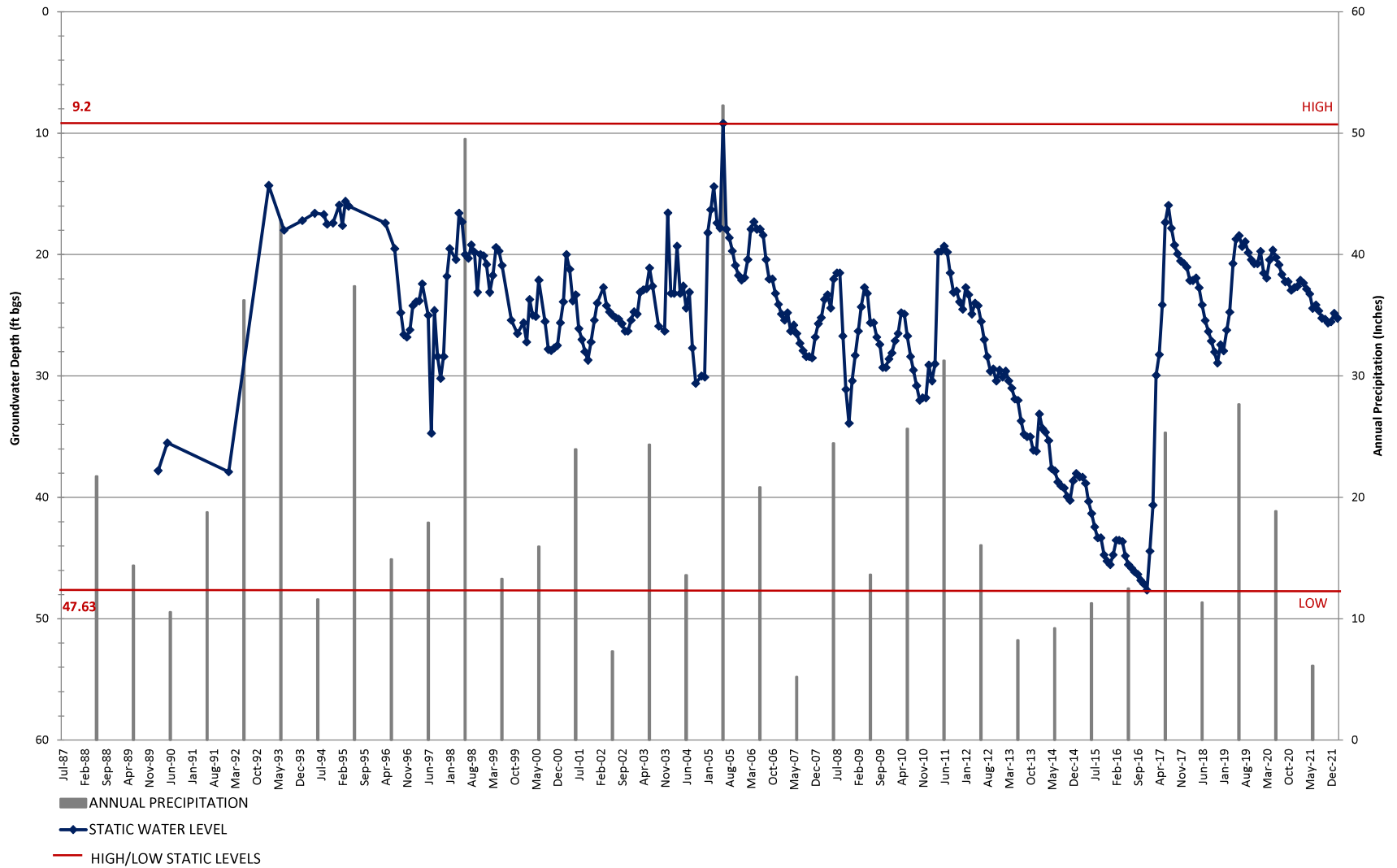
SCV WATER WELL C1
 STATIC WATER LEVEL VS PRECIPITATION



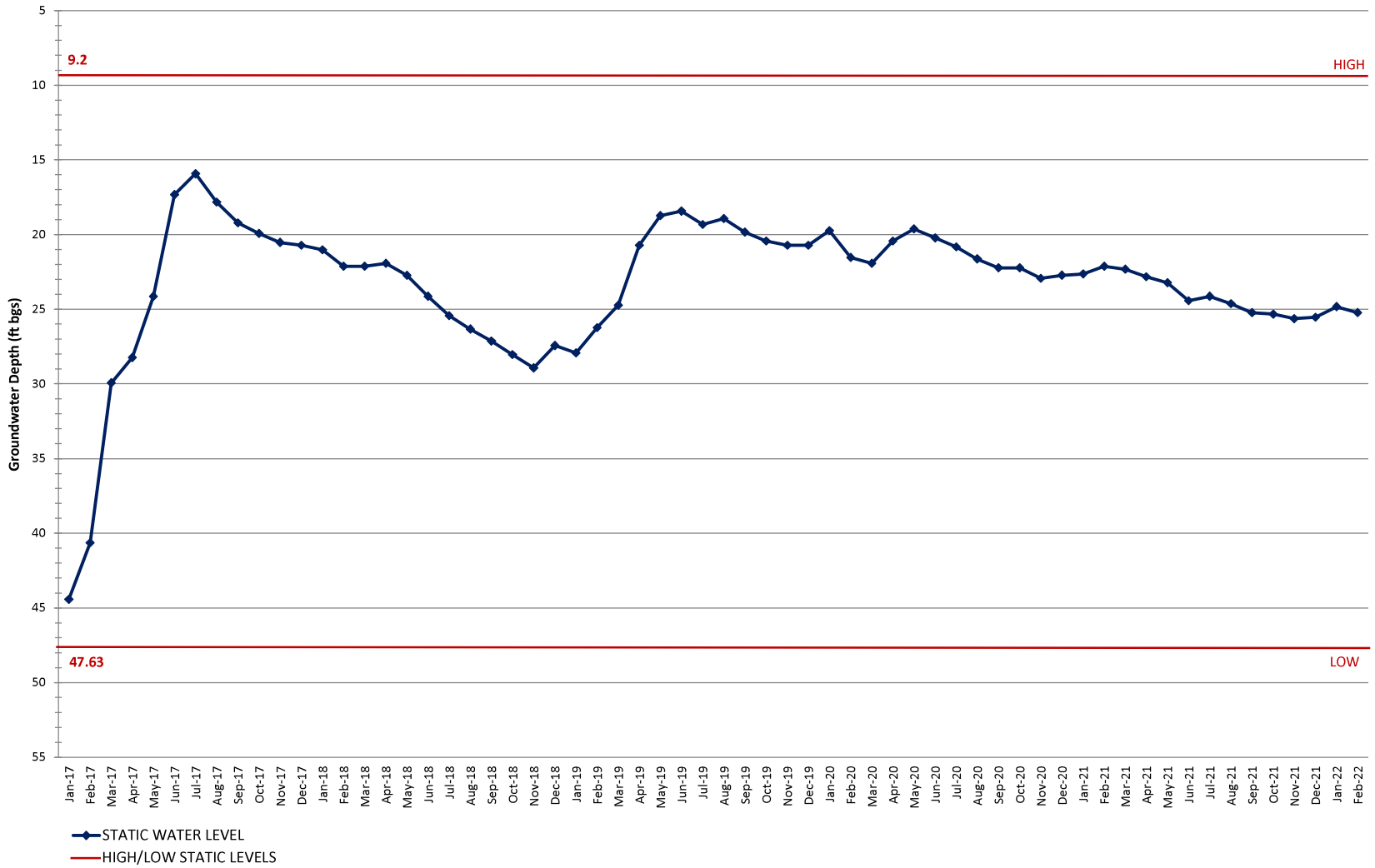
SCV WATER WELL C1
 STATIC WATER LEVEL



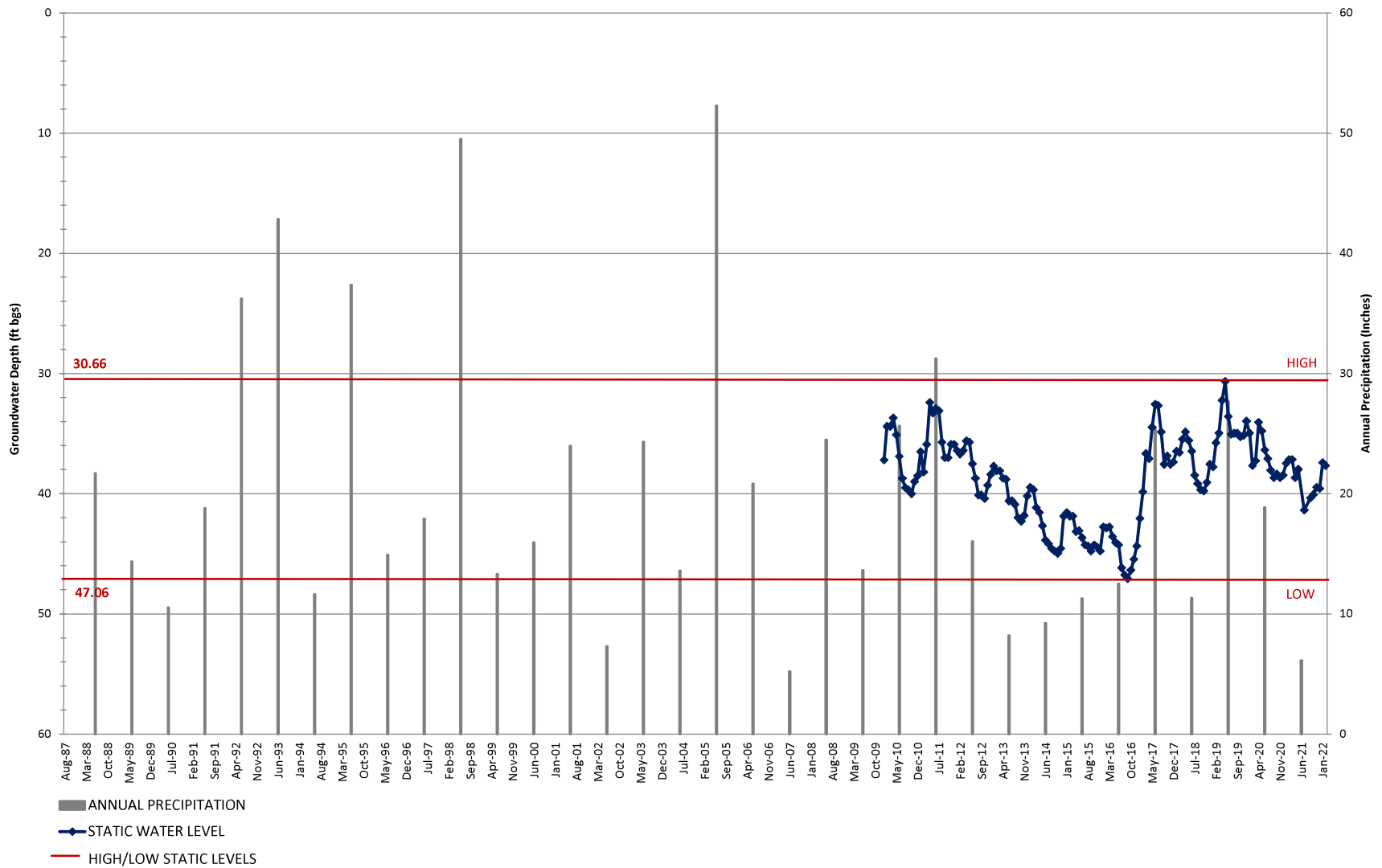
SCV WATER WELL D
 STATIC WATER LEVEL VS PRECIPITATION



SCV WATER WELL D
STATIC WATER LEVEL

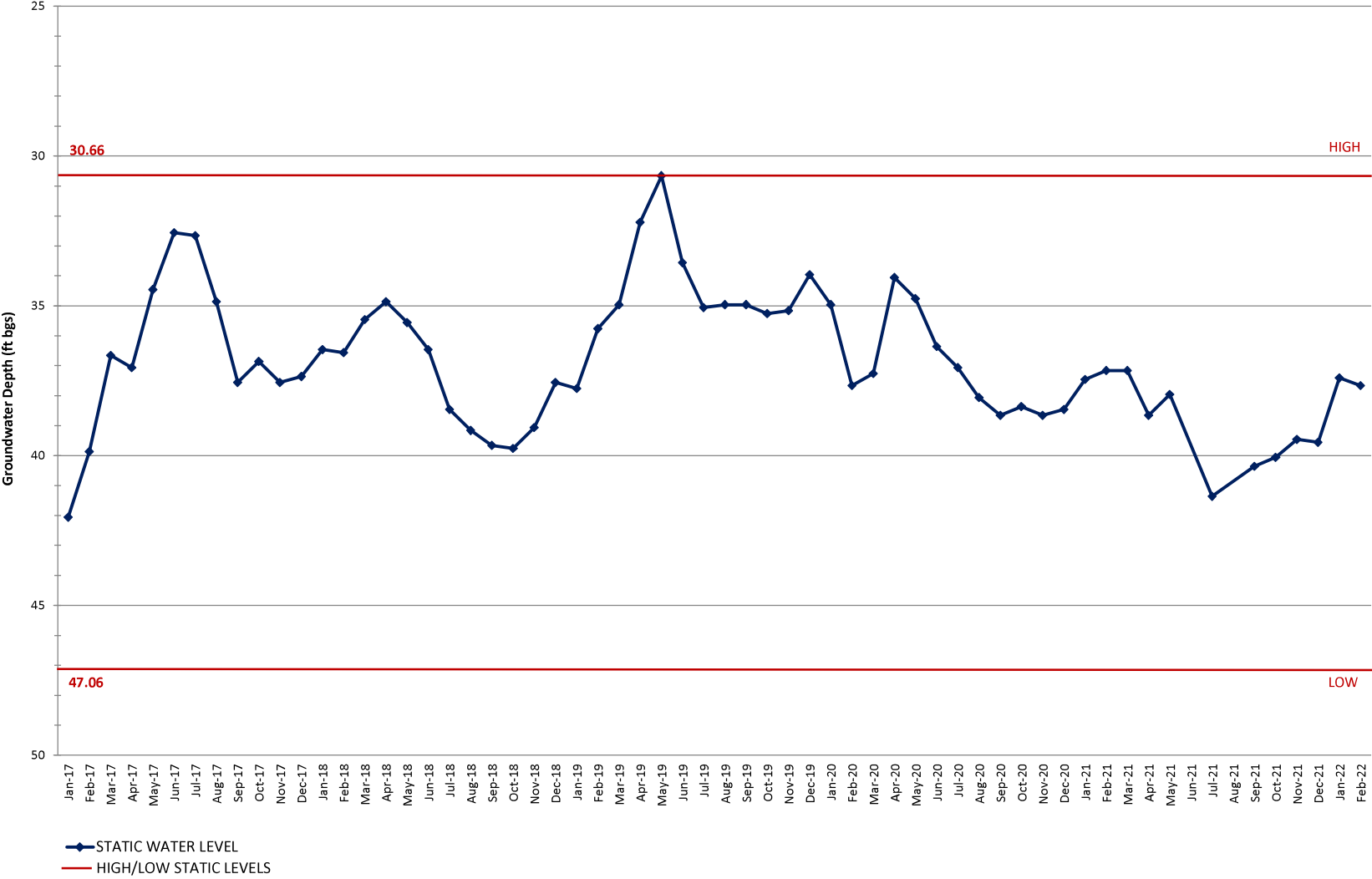


SCV WATER WELL E15
 STATIC WATER LEVEL VS. PRECIPITATION

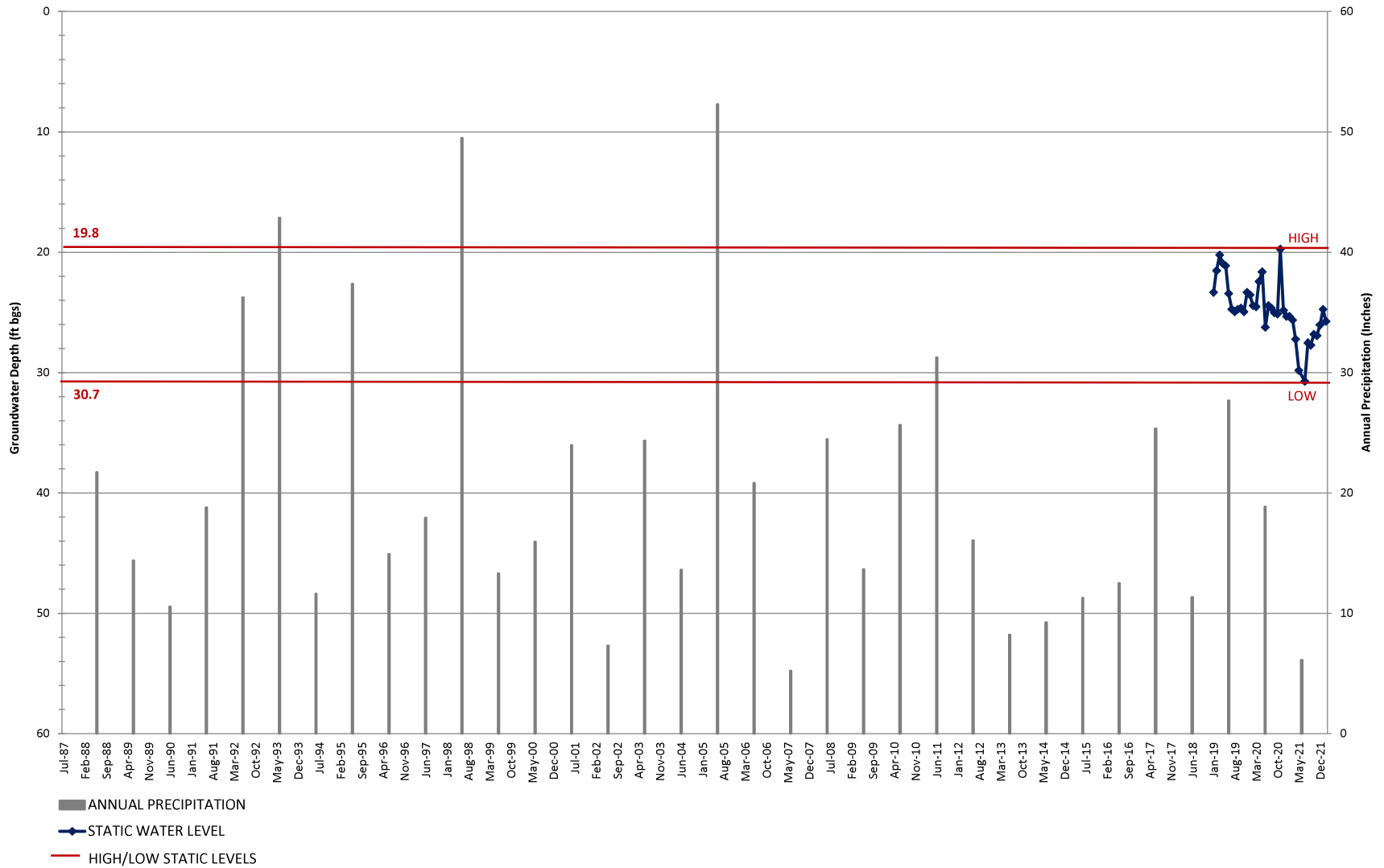


SCV WATER WELL E15

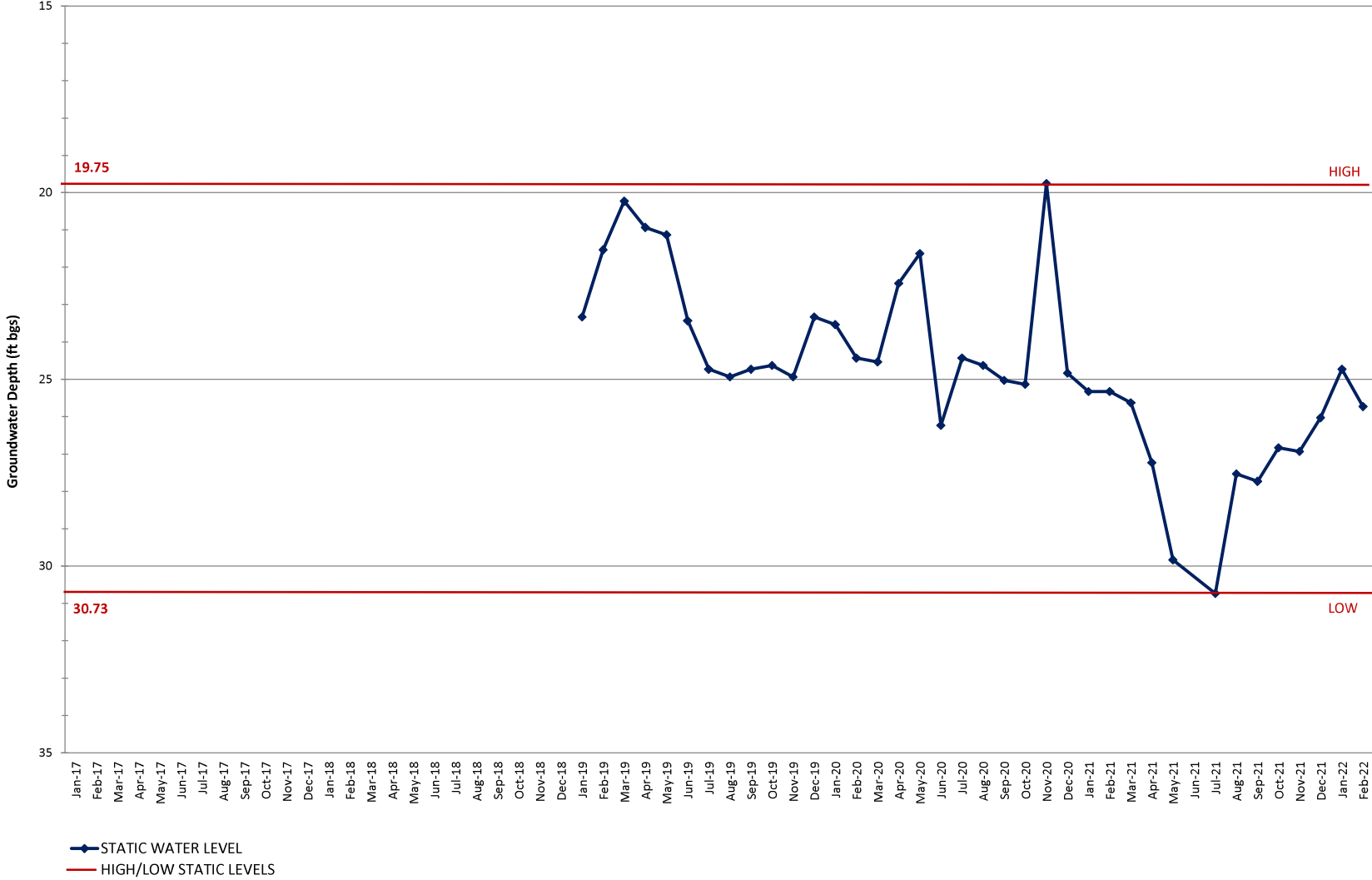
STATIC WATER LEVEL



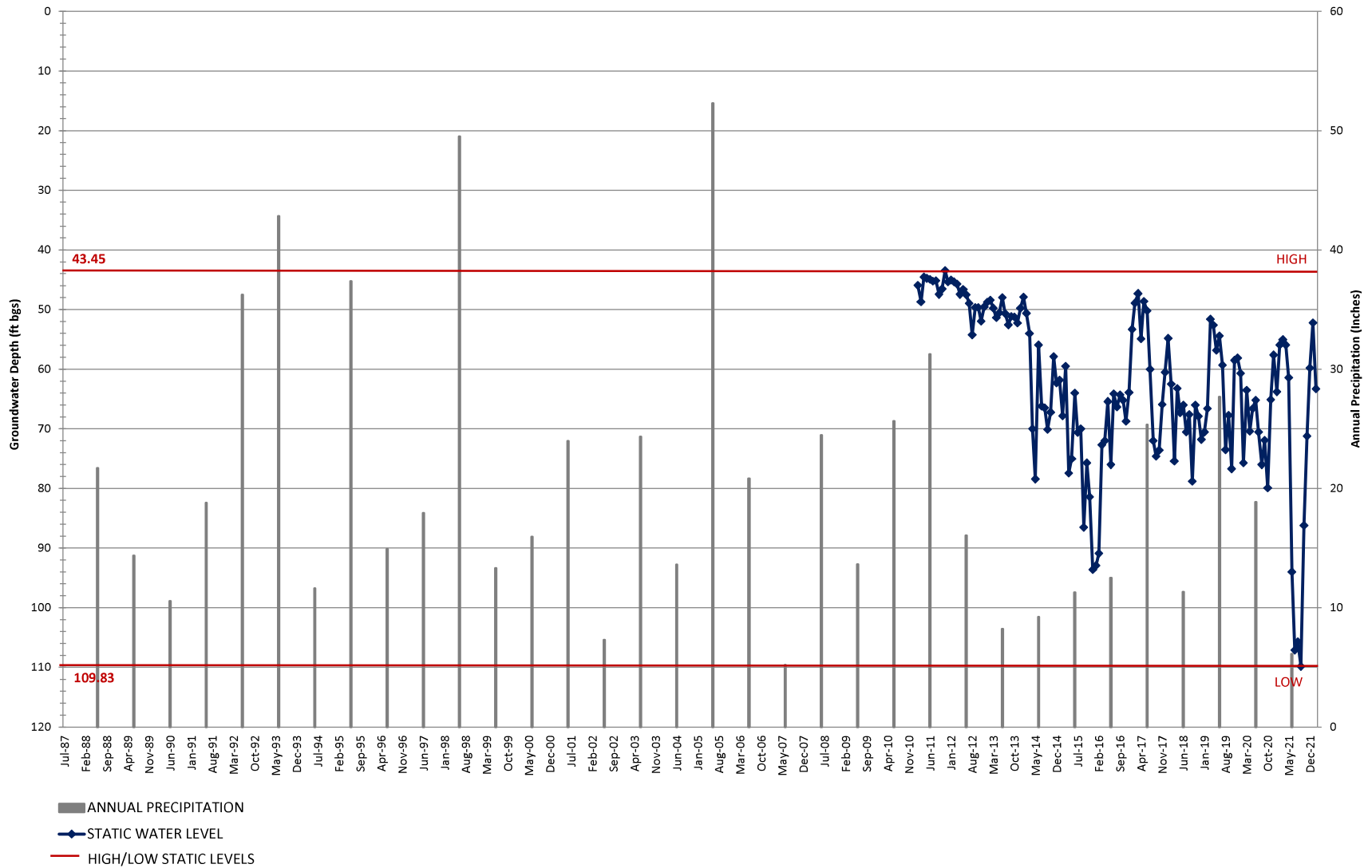
SCV WATER WELL E17
 STATIC WATER LEVEL VS. PRECIPITATION



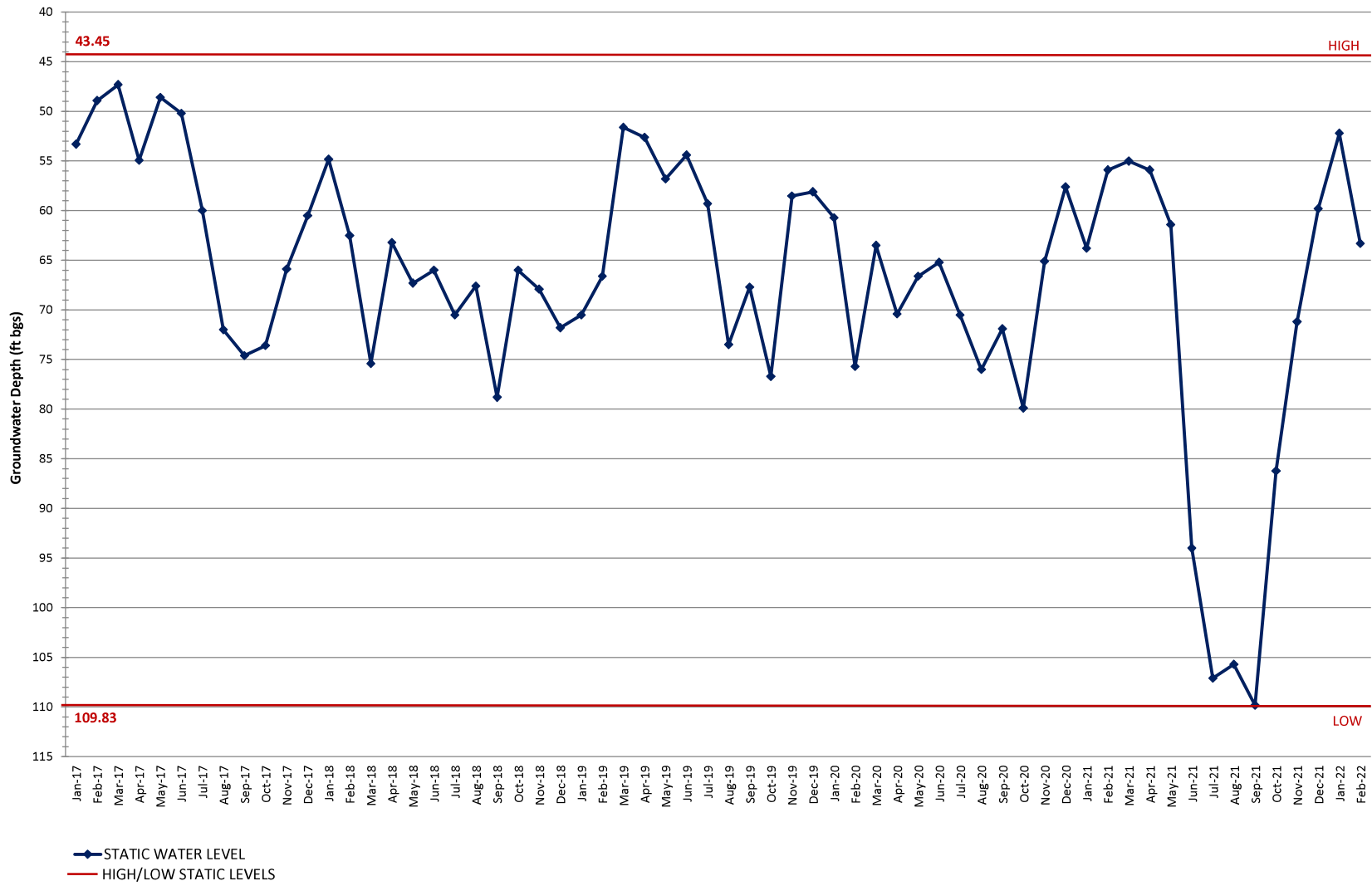
SCV WATER WELL E17
STATIC WATER LEVEL



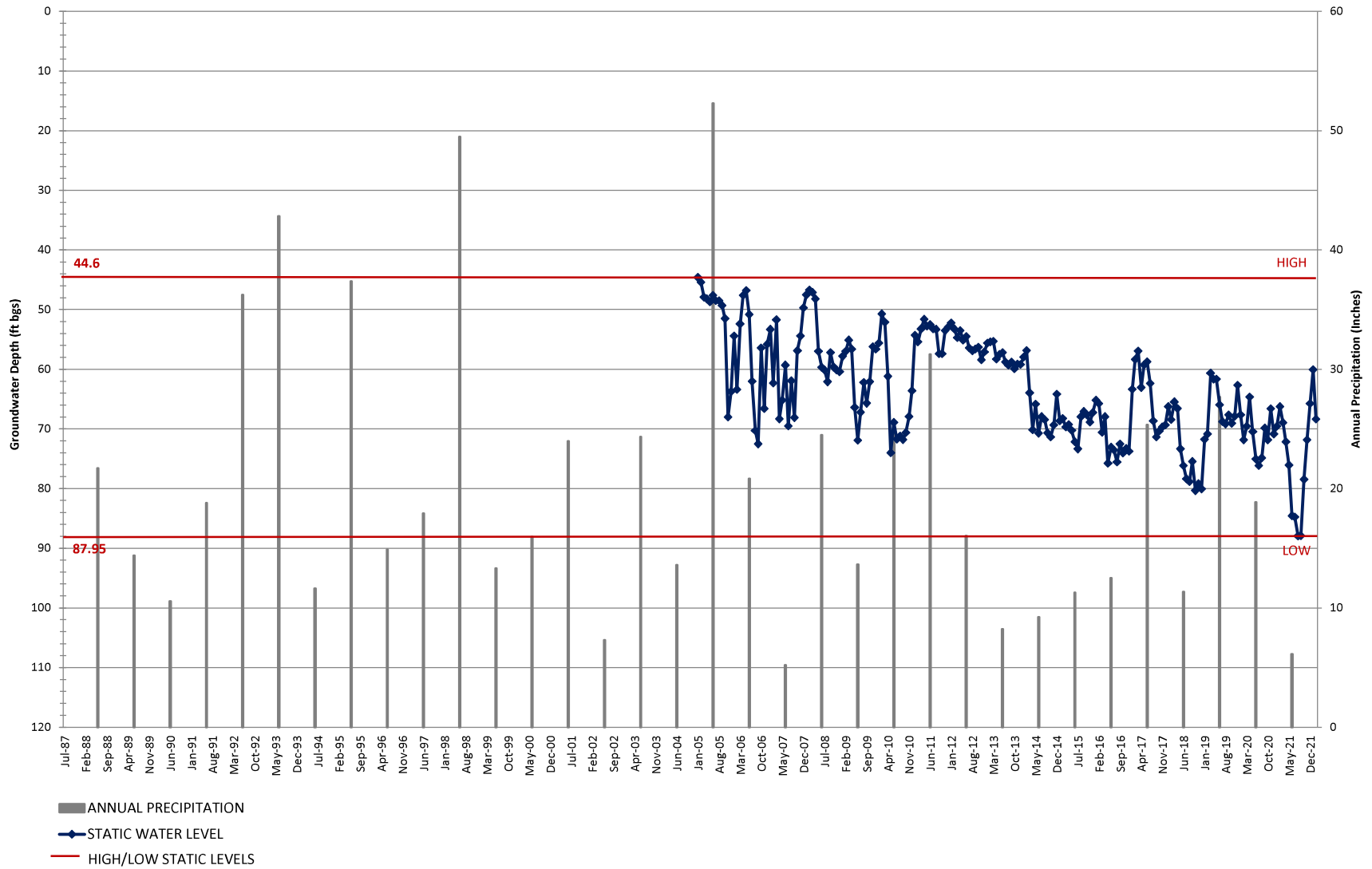
SCV WATER WELL 207
 STATIC WATER LEVEL VS PRECIPITATION



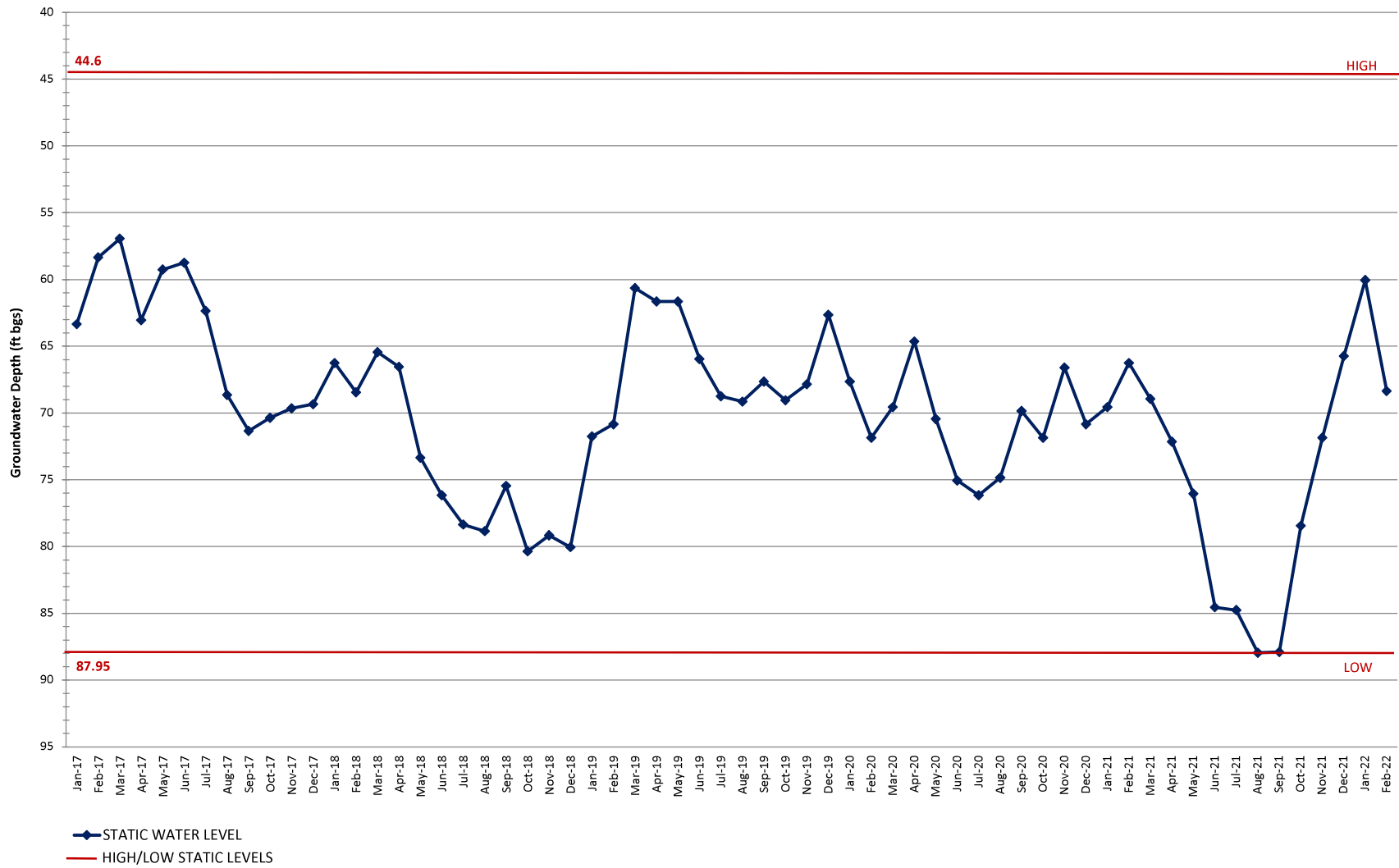
SCV WATER WELL 207
 STATIC WATER LEVEL



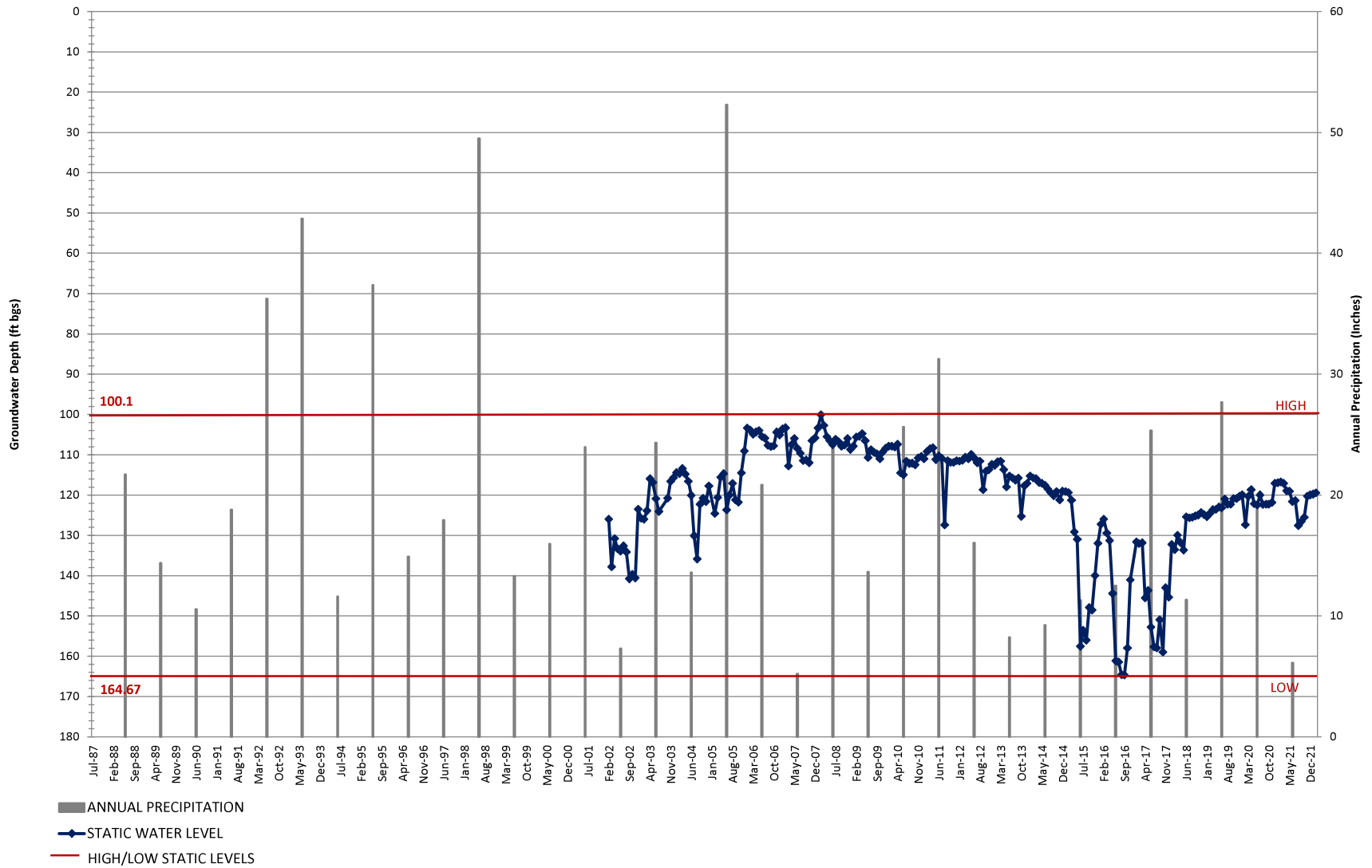
SCV WATER WELL 206
 STATIC WATER LEVEL VS PRECIPITATION



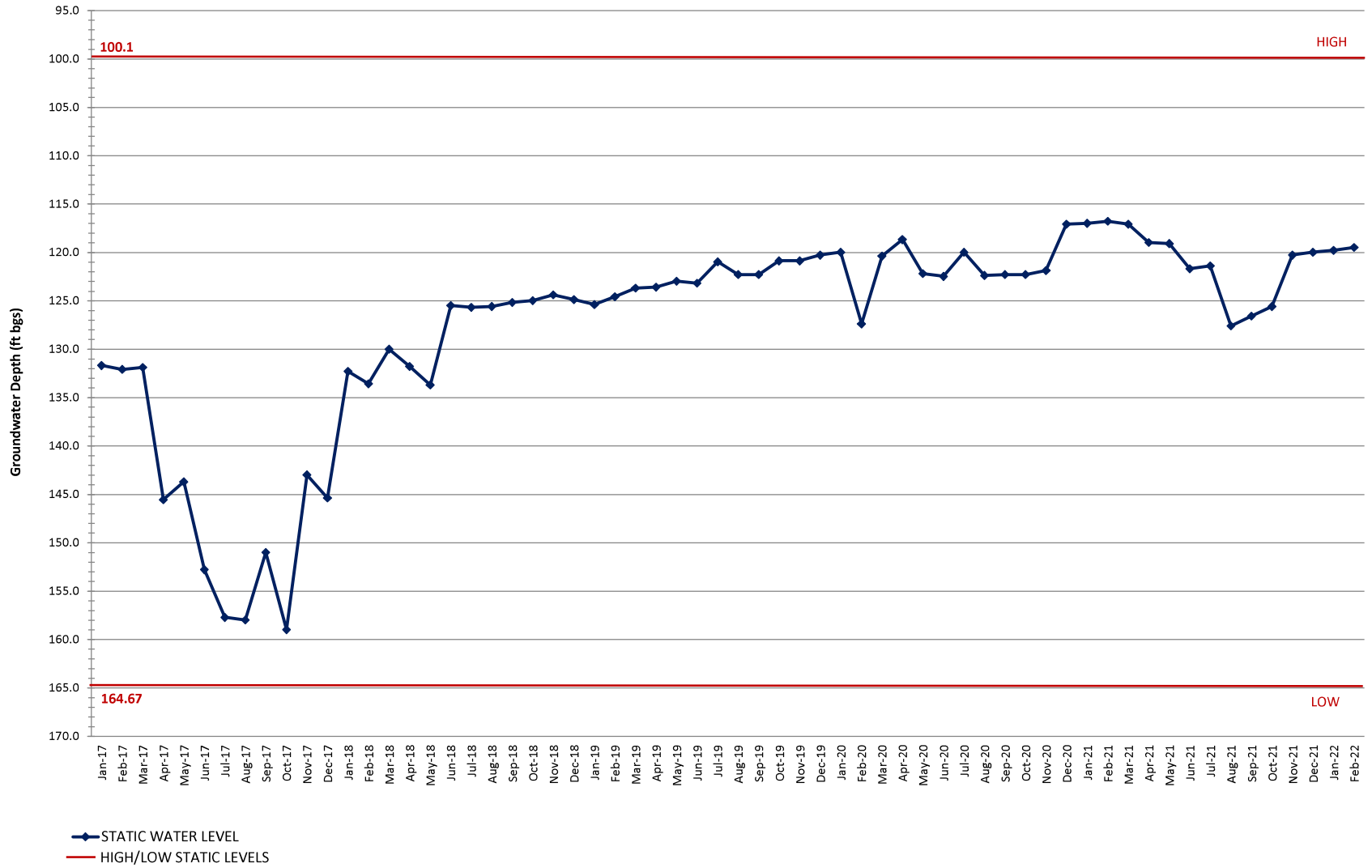
SCV WATER WELL 206
 STATIC WATER LEVEL



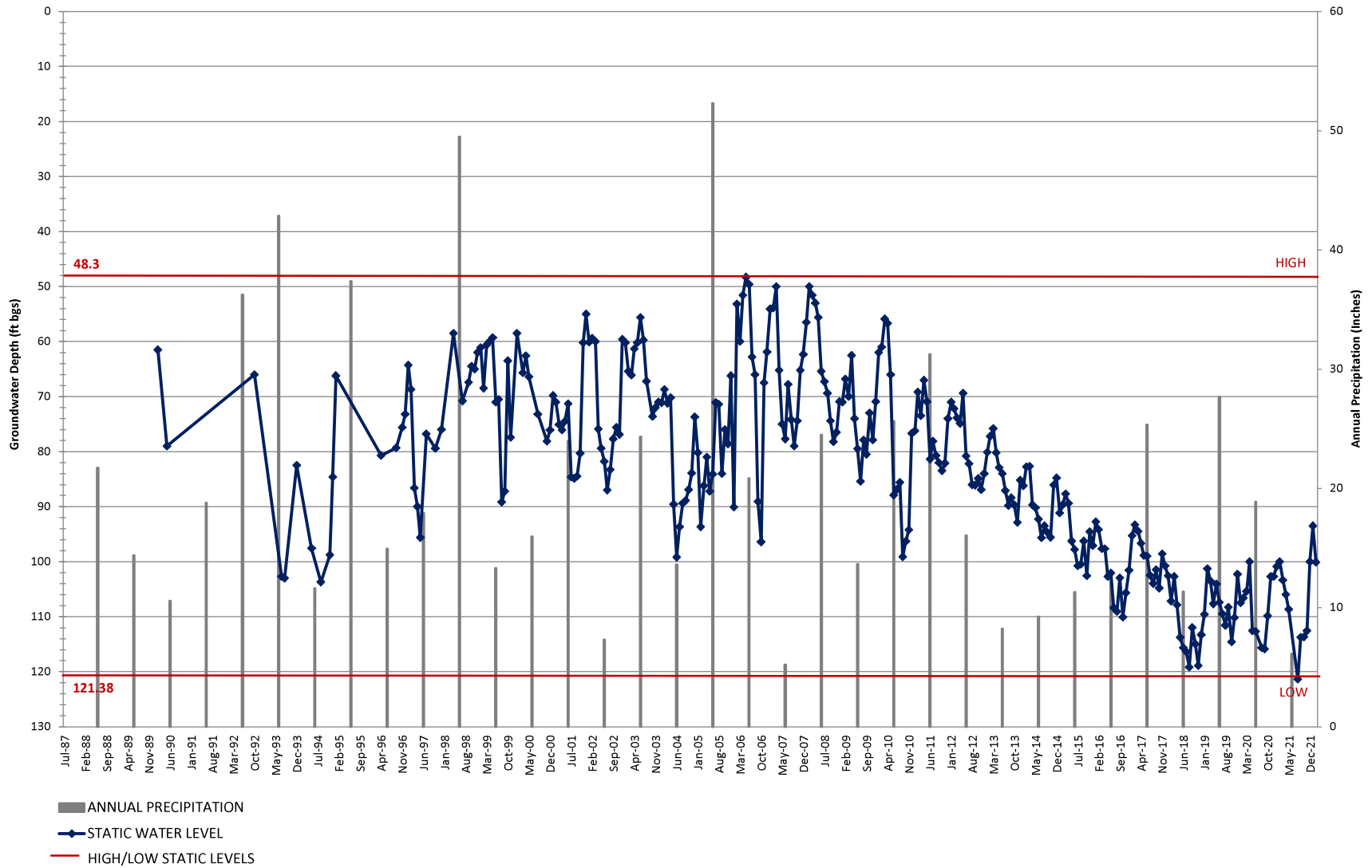
SCV WATER WELL 159
 STATIC WATER LEVEL VS PRECIPITATION



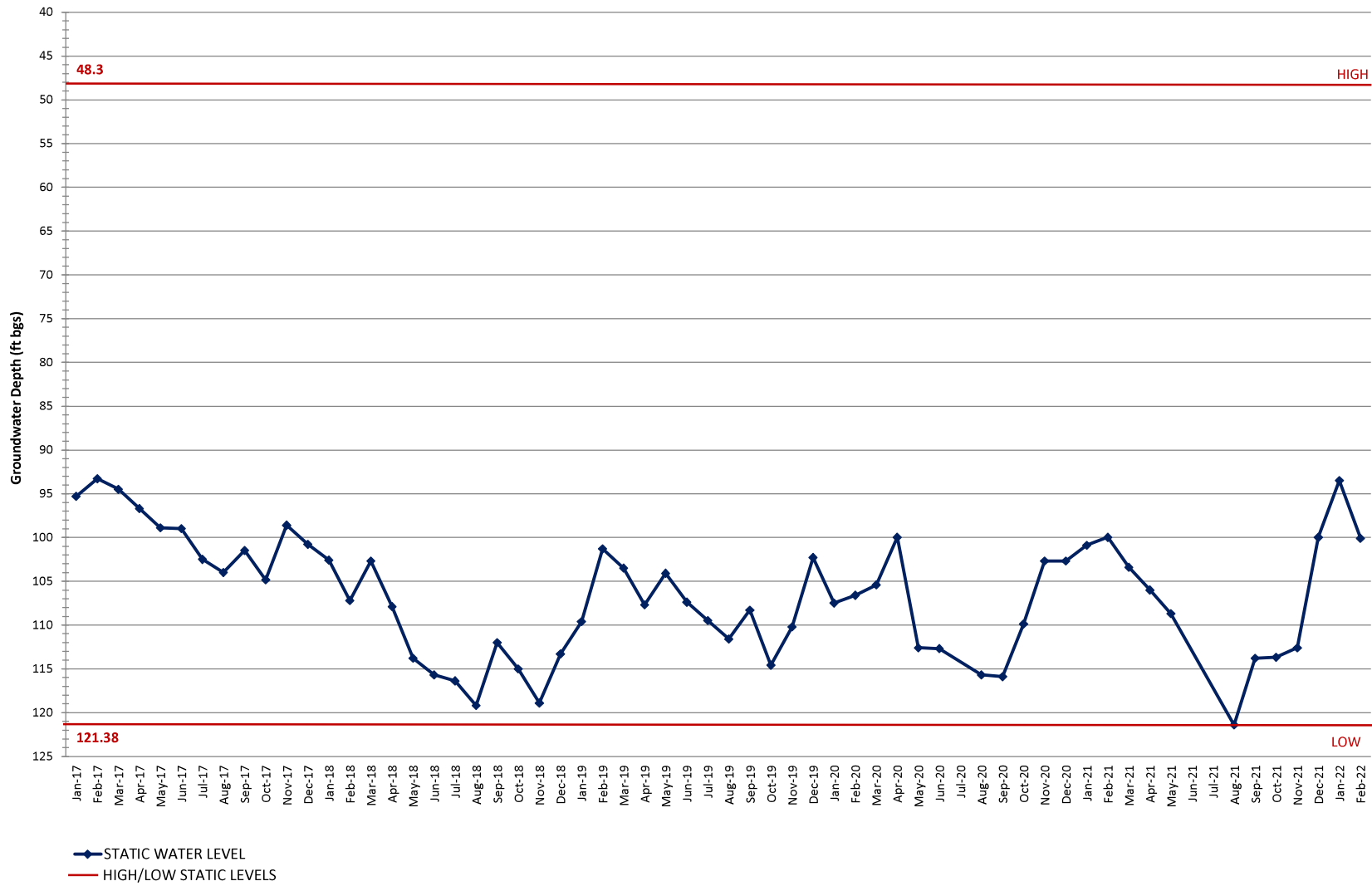
SCV WATER WELL 159
 STATIC WATER LEVEL



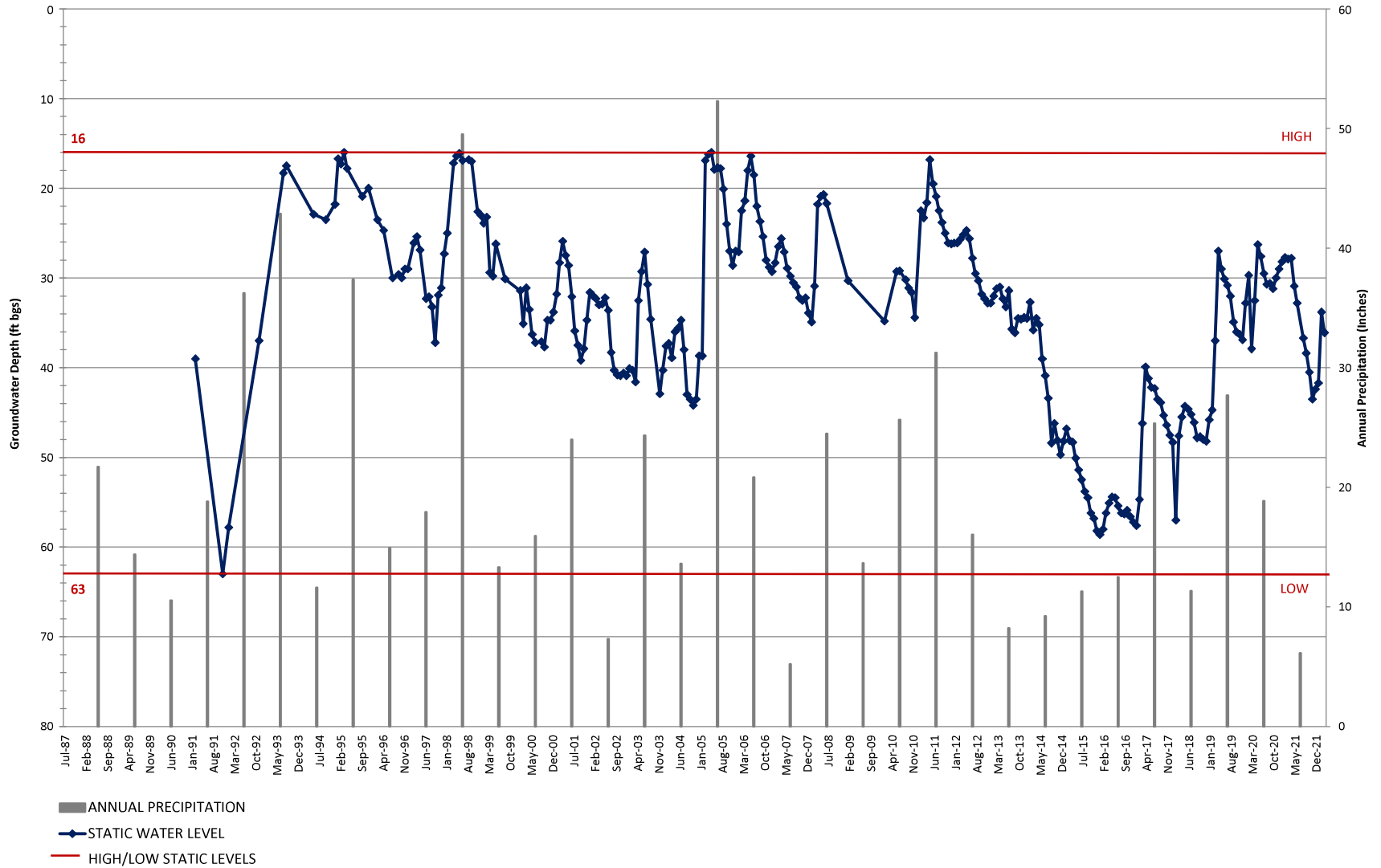
SCV WATER WELL 160
 STATIC WATER LEVEL VS PRECIPITATION



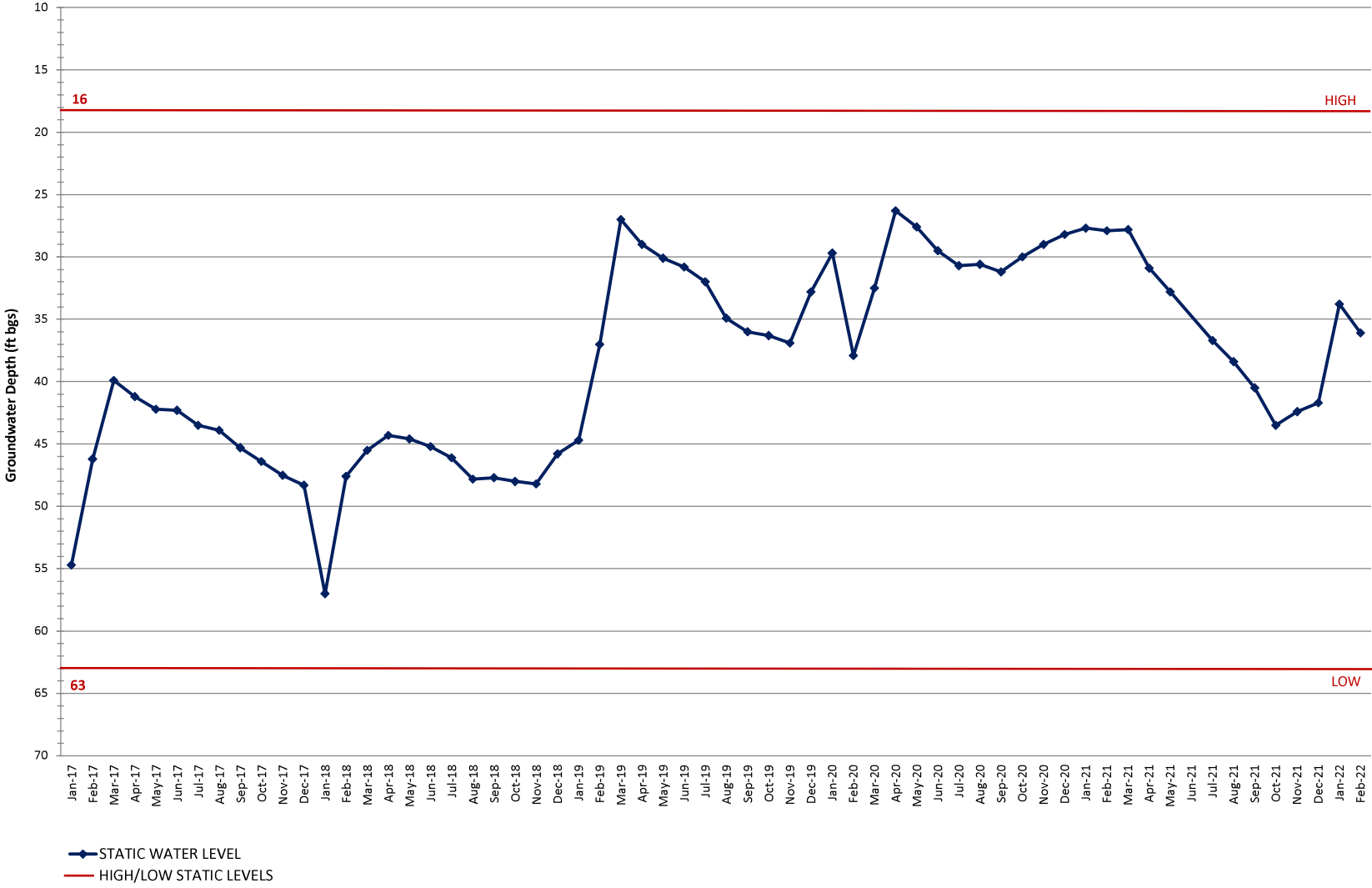
SCV WATER WELL 160
 STATIC WATER LEVEL



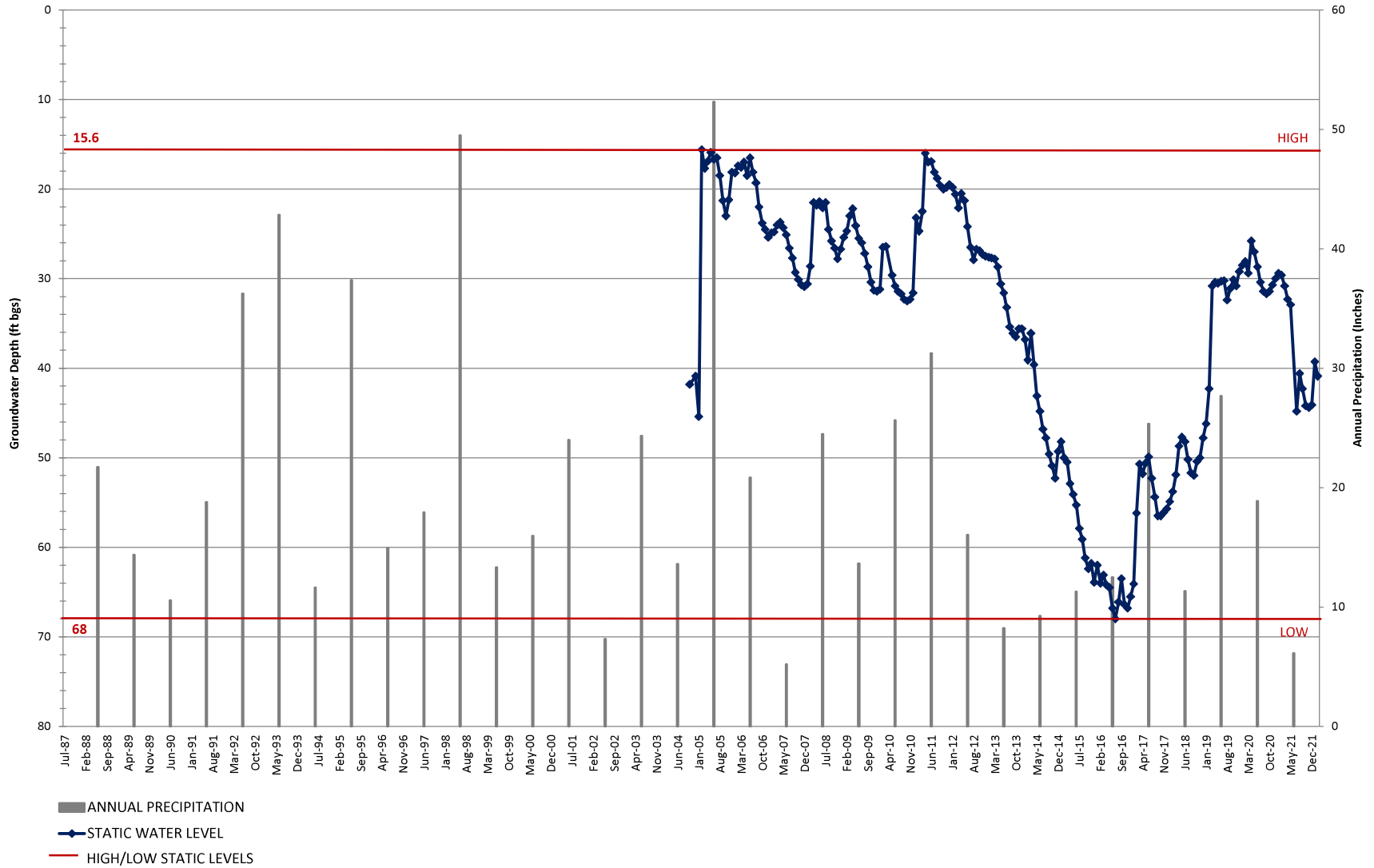
SCV WATER WELL W9
 STATIC WATER LEVEL VS PRECIPITATION



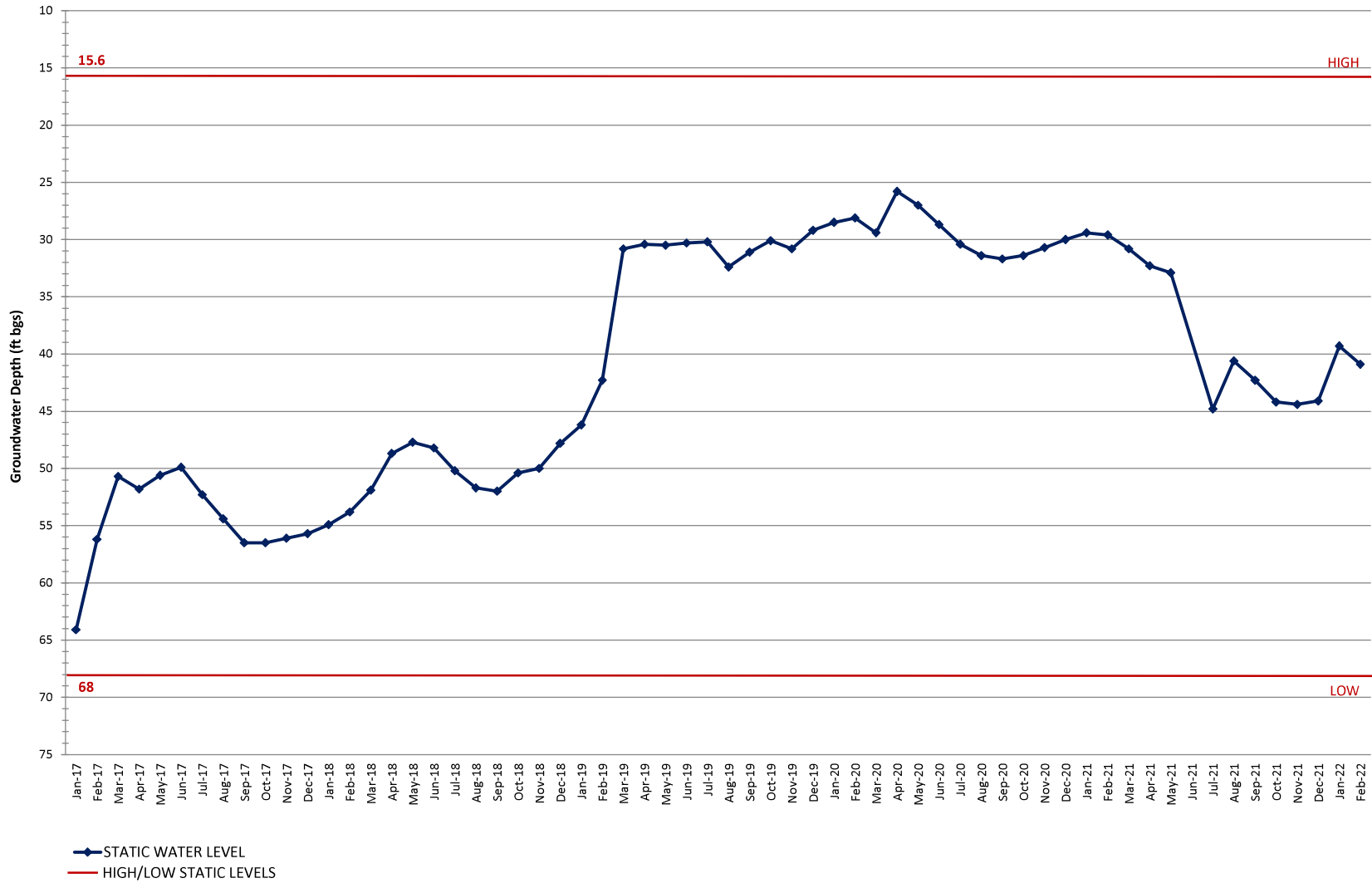
SCV WATER WELL W9
STATIC WATER LEVEL



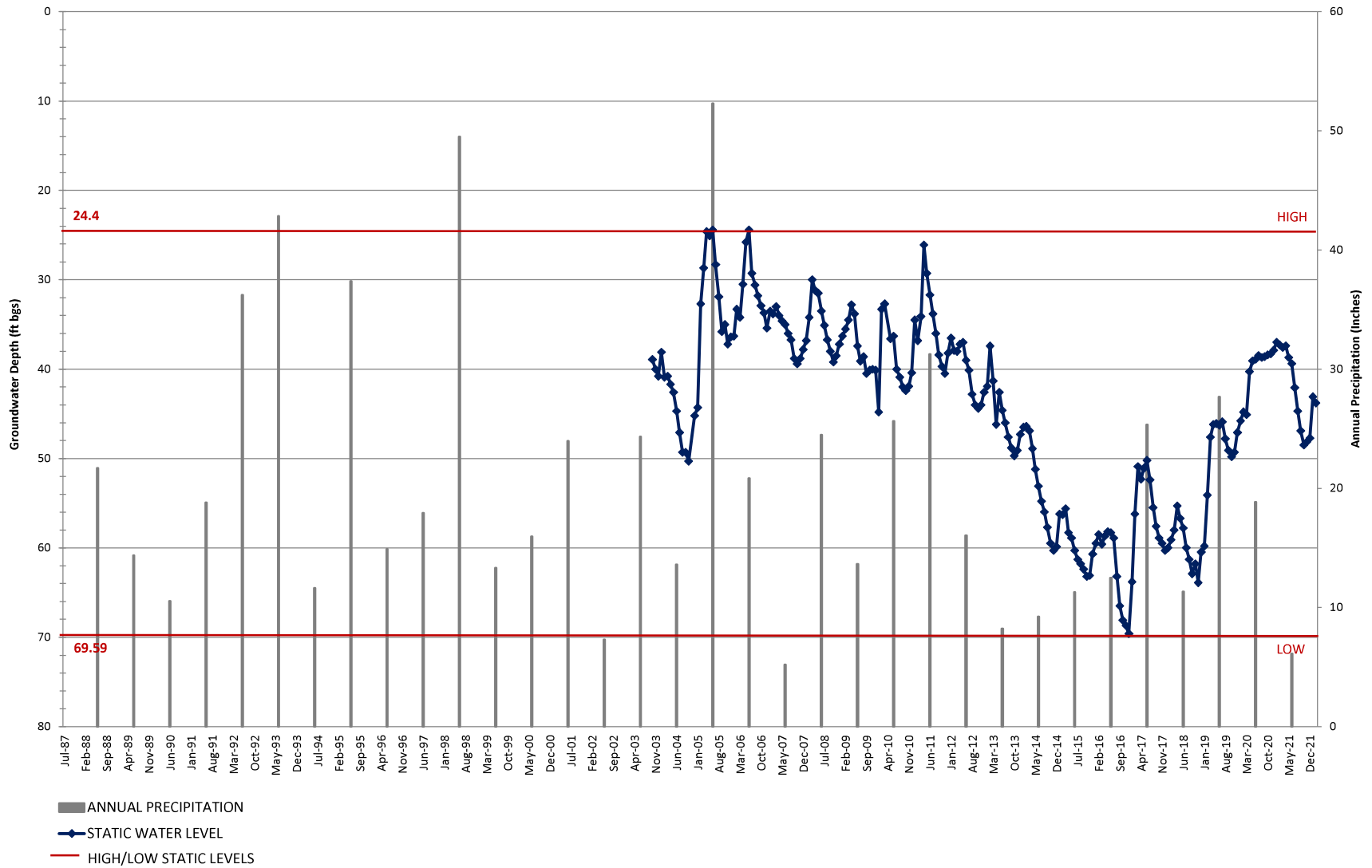
SCV WATER WELL W11
 STATIC WATER LEVEL VS PRECIPITATION



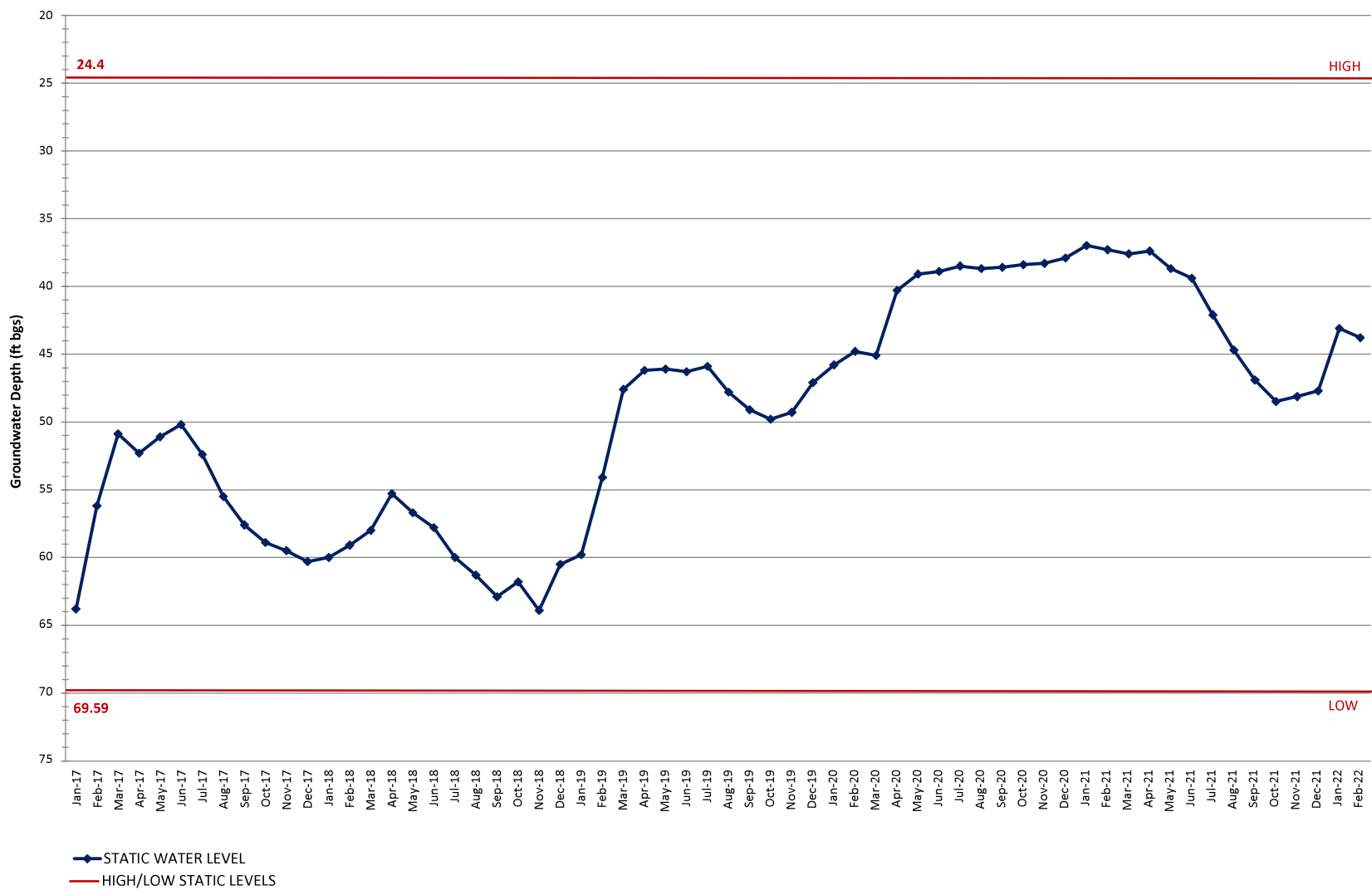
SCV WATER WELL W11
STATIC WATER LEVEL



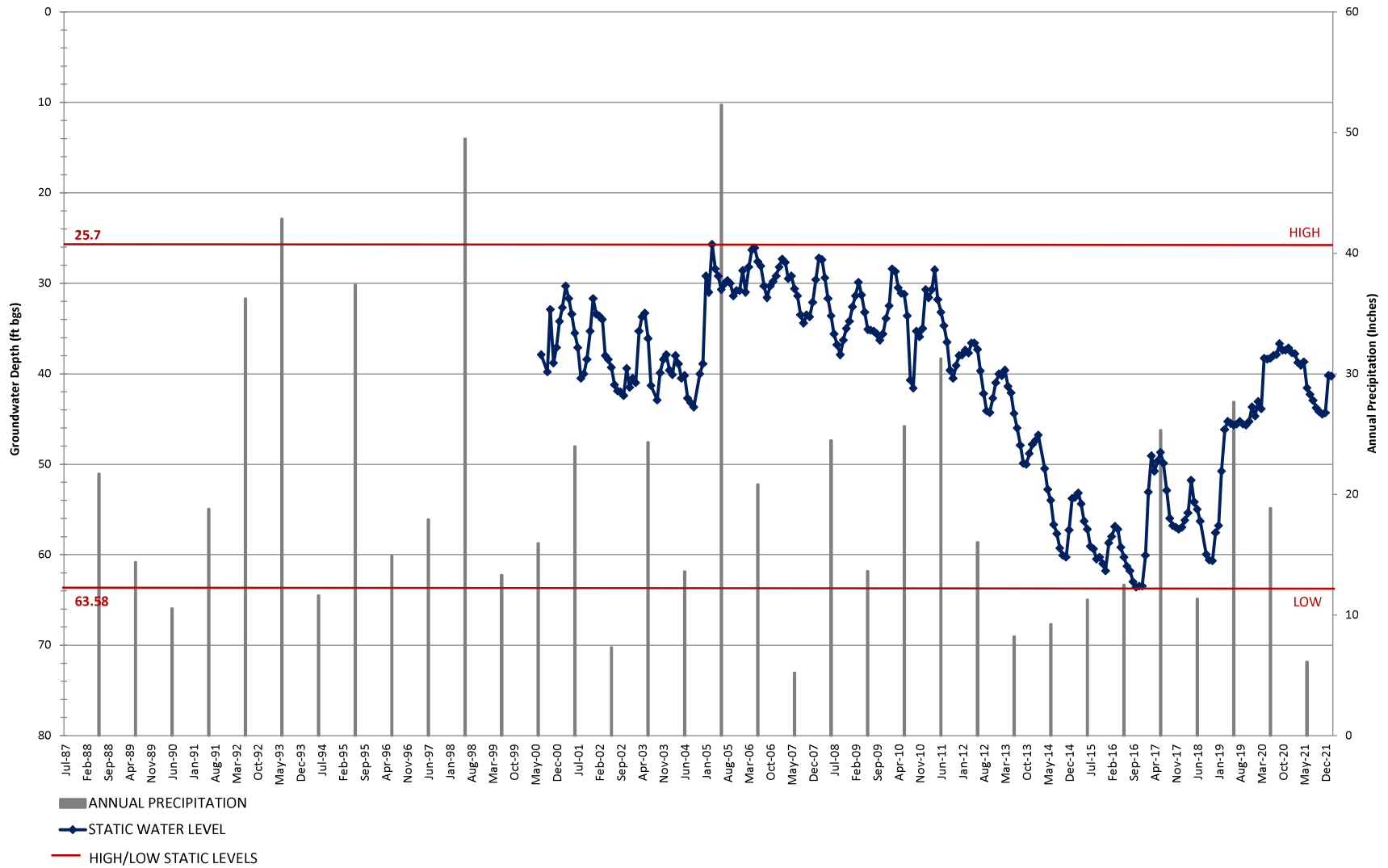
SCV WATER WELL W10
 STATIC WATER LEVEL VS PRECIPITATION



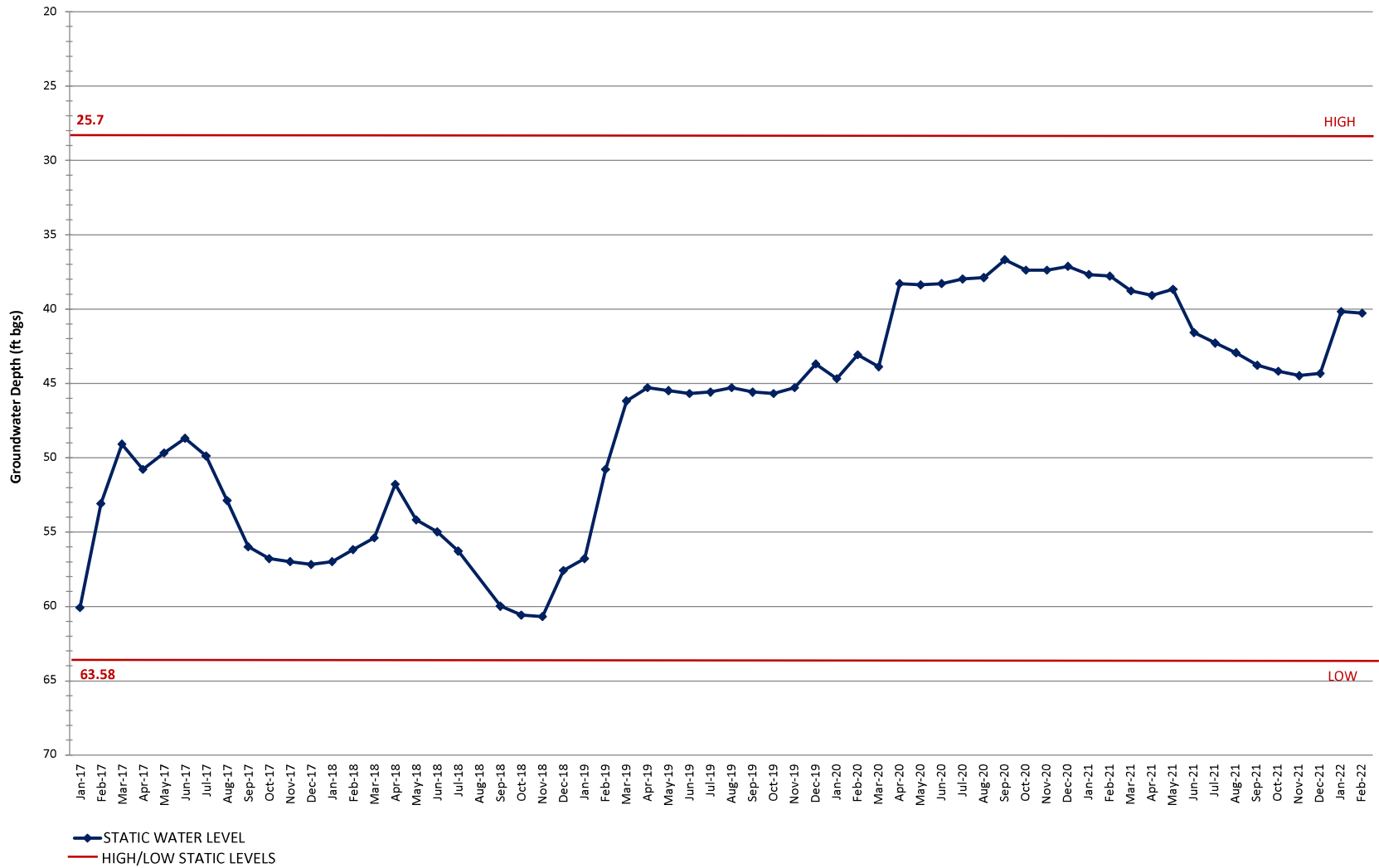
SCV WATER WELL W10
STATIC WATER LEVEL



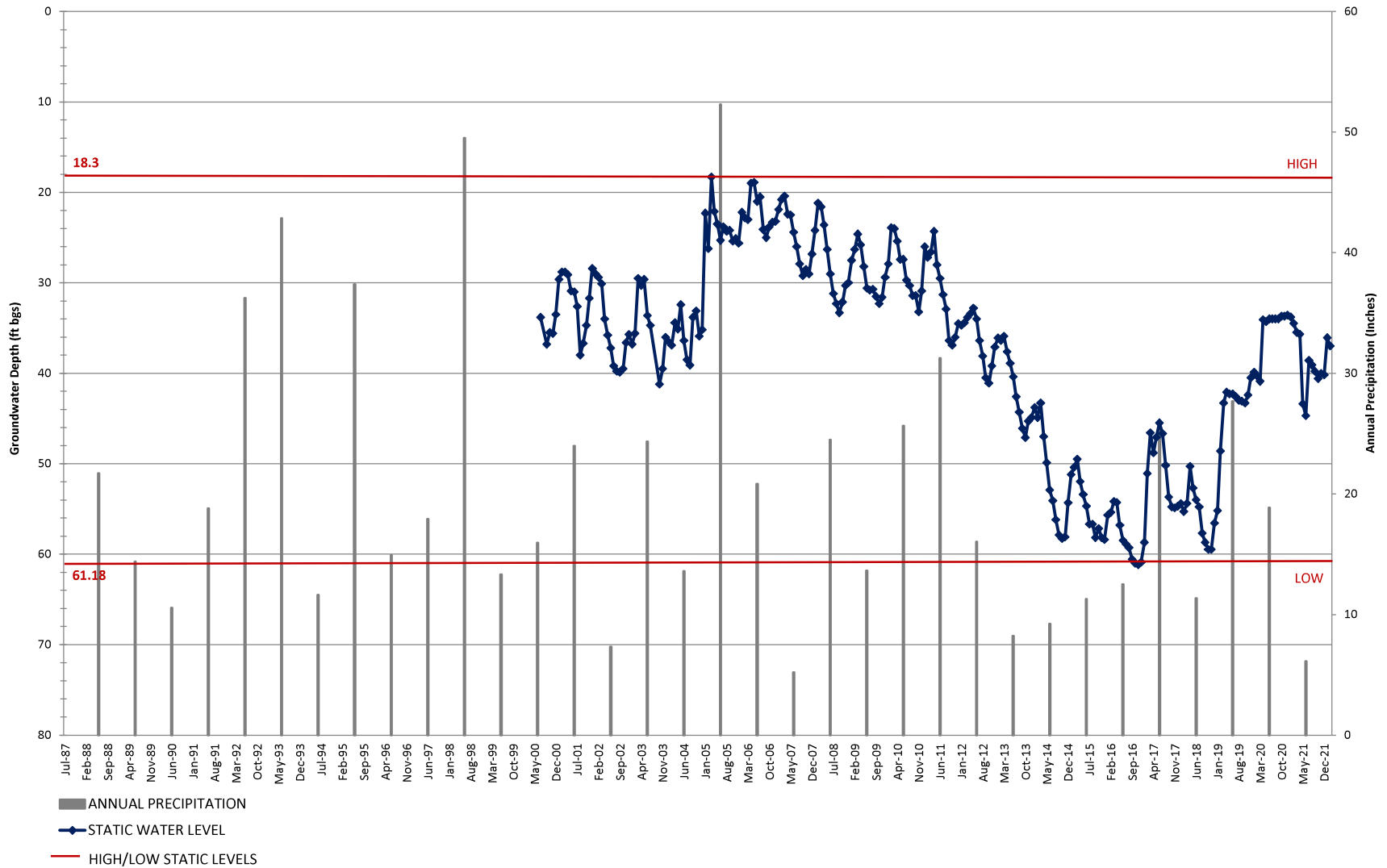
SCV WATER WELL S6
 STATIC WATER LEVEL VS PRECIPITATION



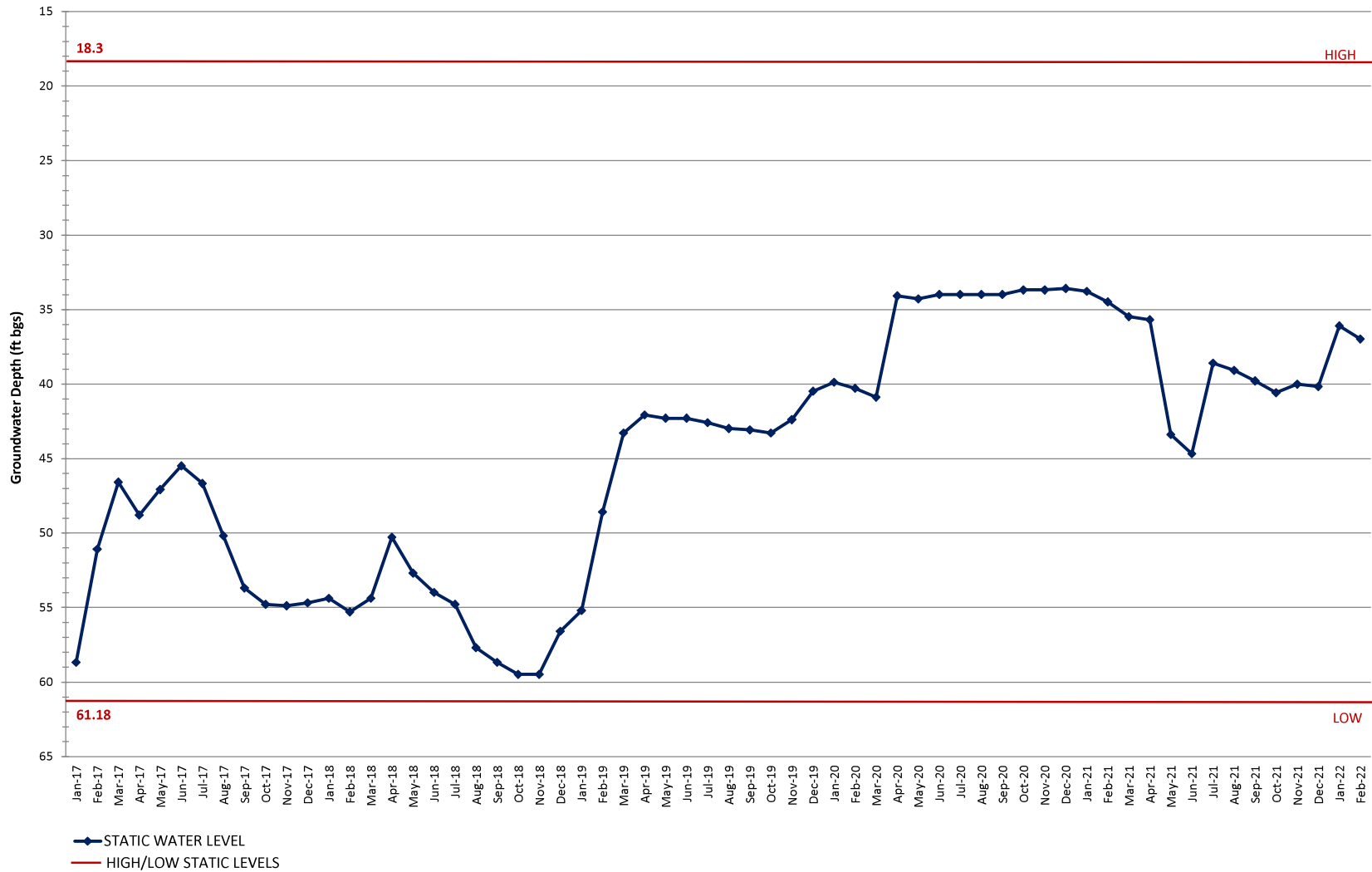
SCV WATER WELL S6
STATIC WATER LEVEL



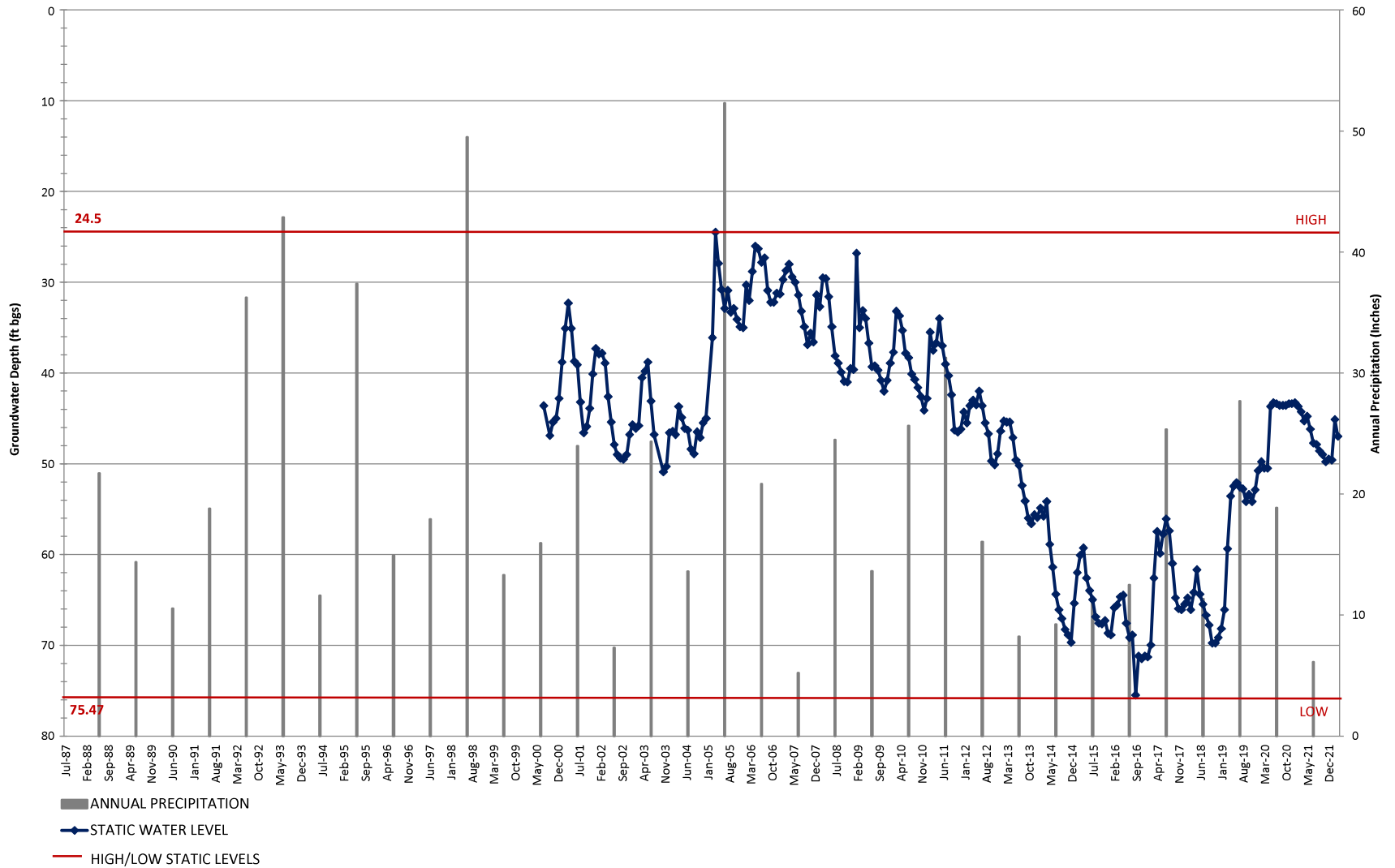
SCV WATER WELL S7
 STATIC WATER LEVEL VS PRECIPITATION



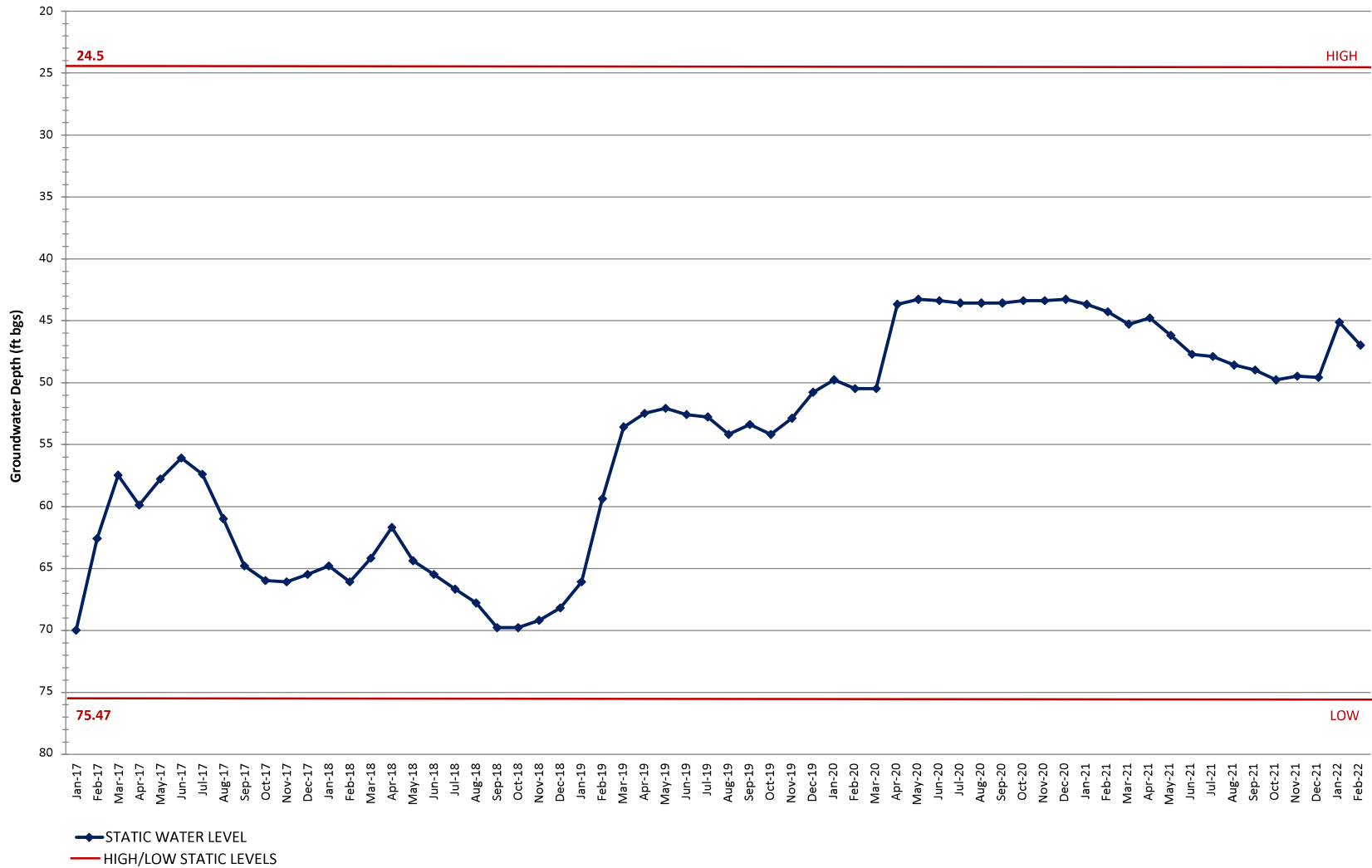
SCV WATER WELL S7
STATIC WATER LEVEL



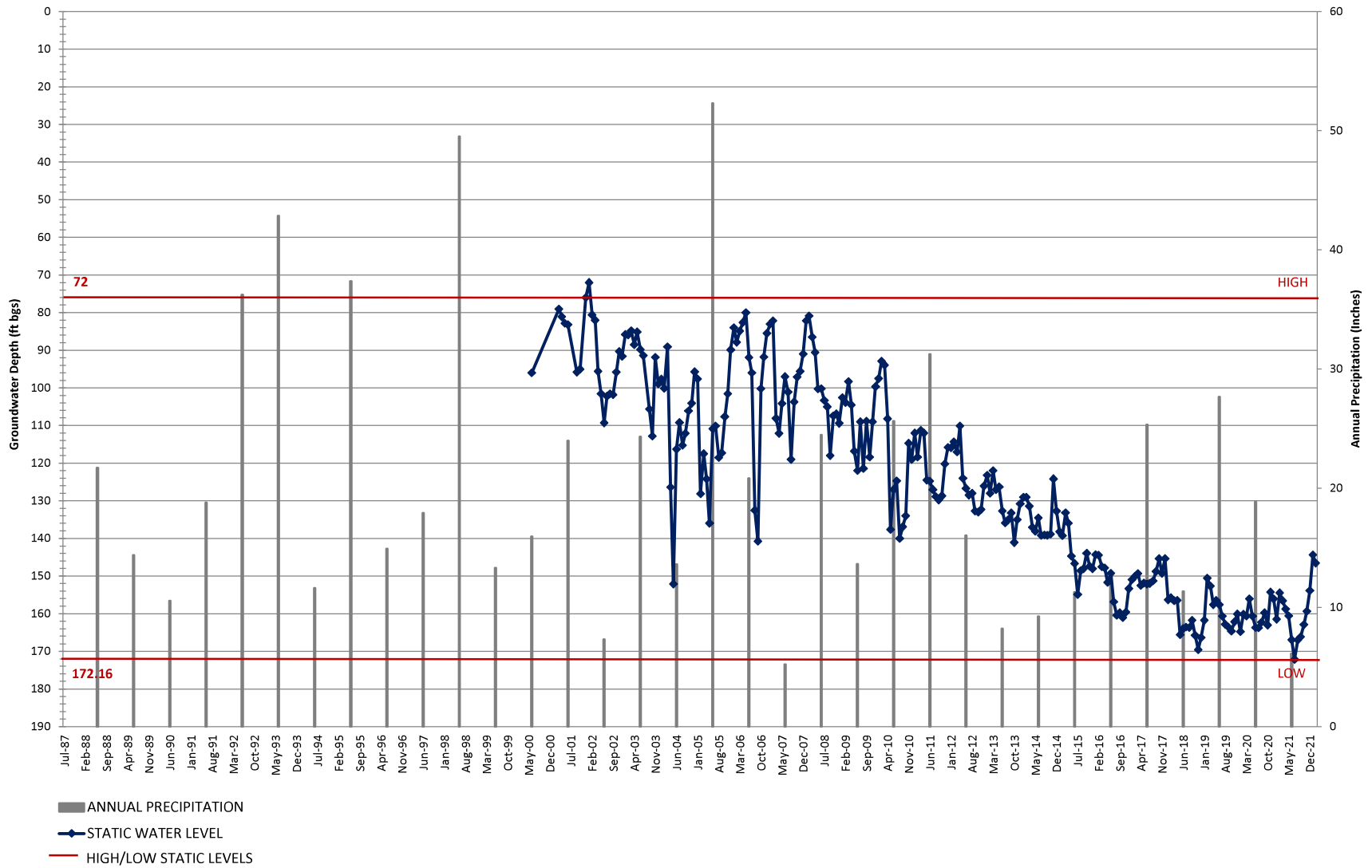
SCV WATER WELL S8
 STATIC WATER LEVEL VS PRECIPITATION



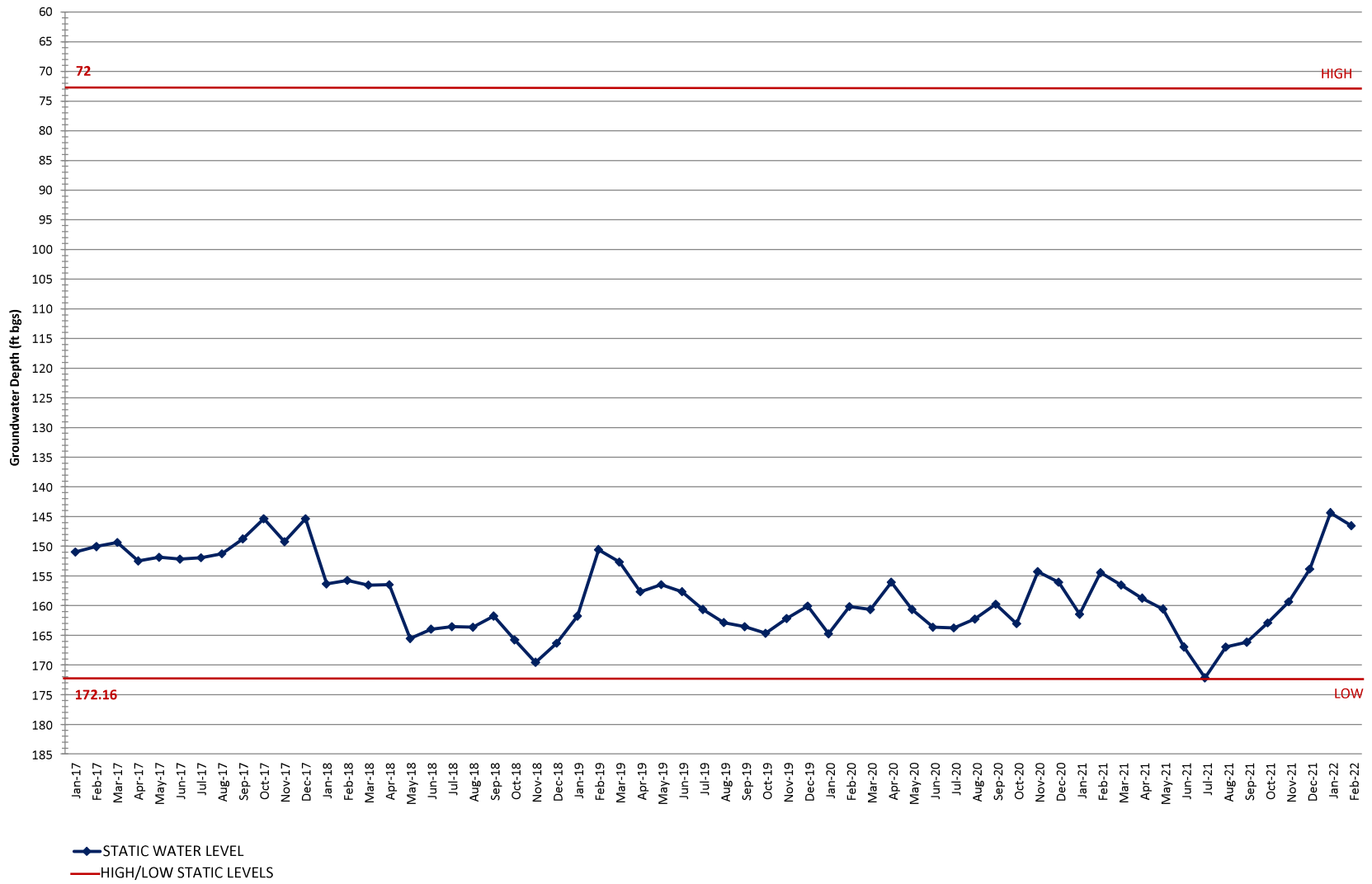
SCV WATER WELL S8
STATIC WATER LEVEL



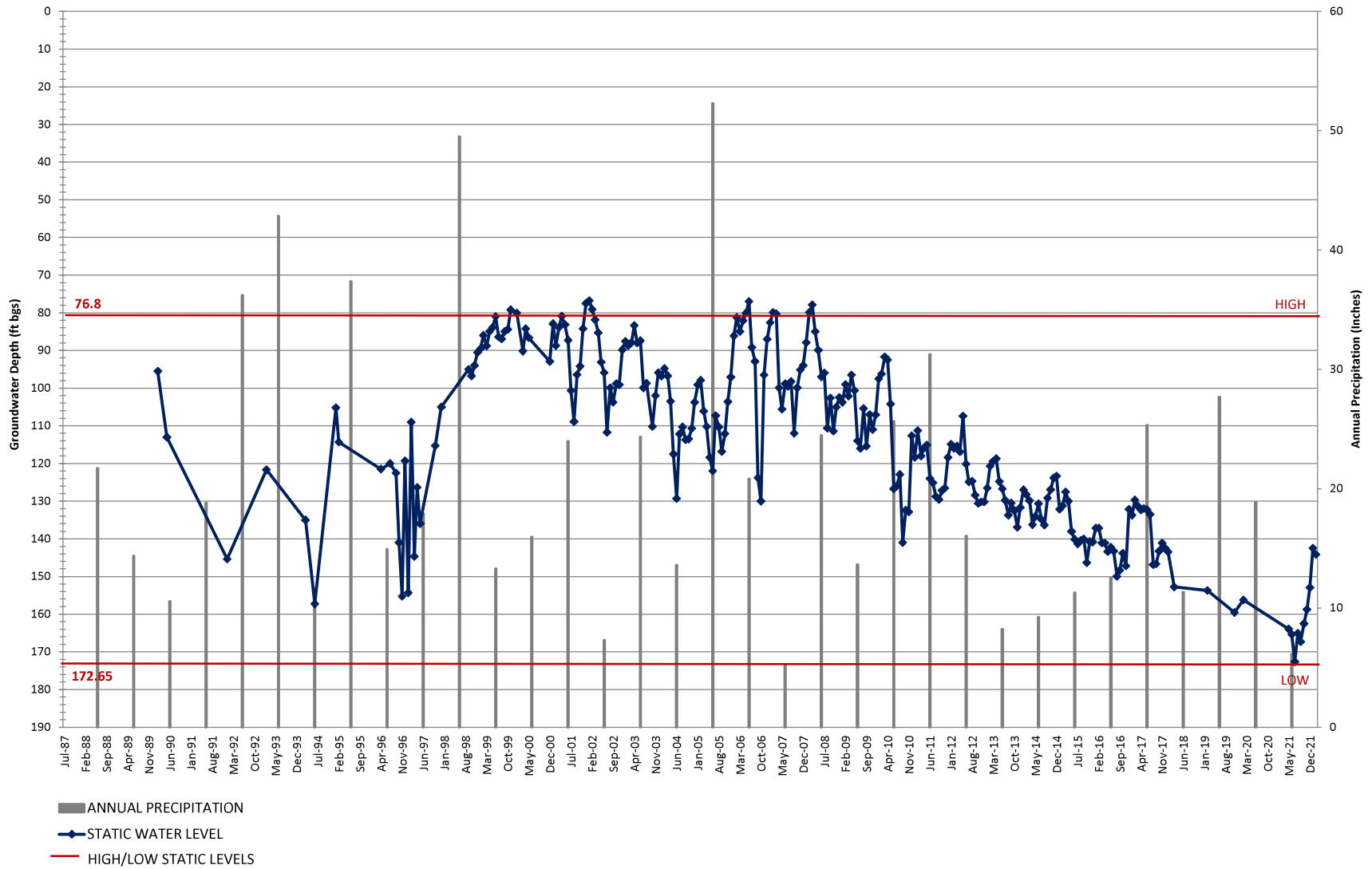
SCV WATER WELL 205
 STATIC WATER LEVEL VS PRECIPITATION



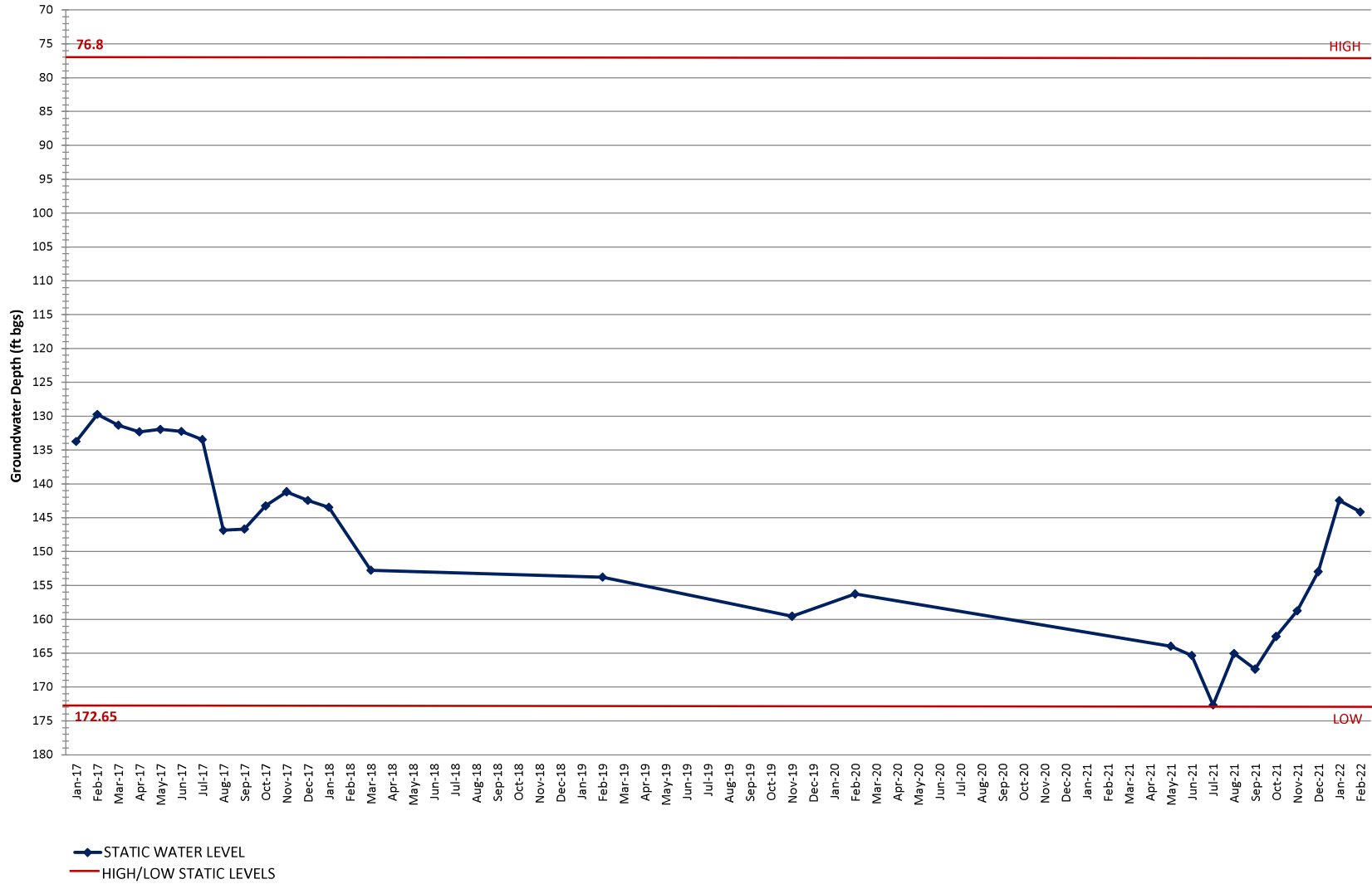
SCV WATER WELL 205
 STATIC WATER LEVEL



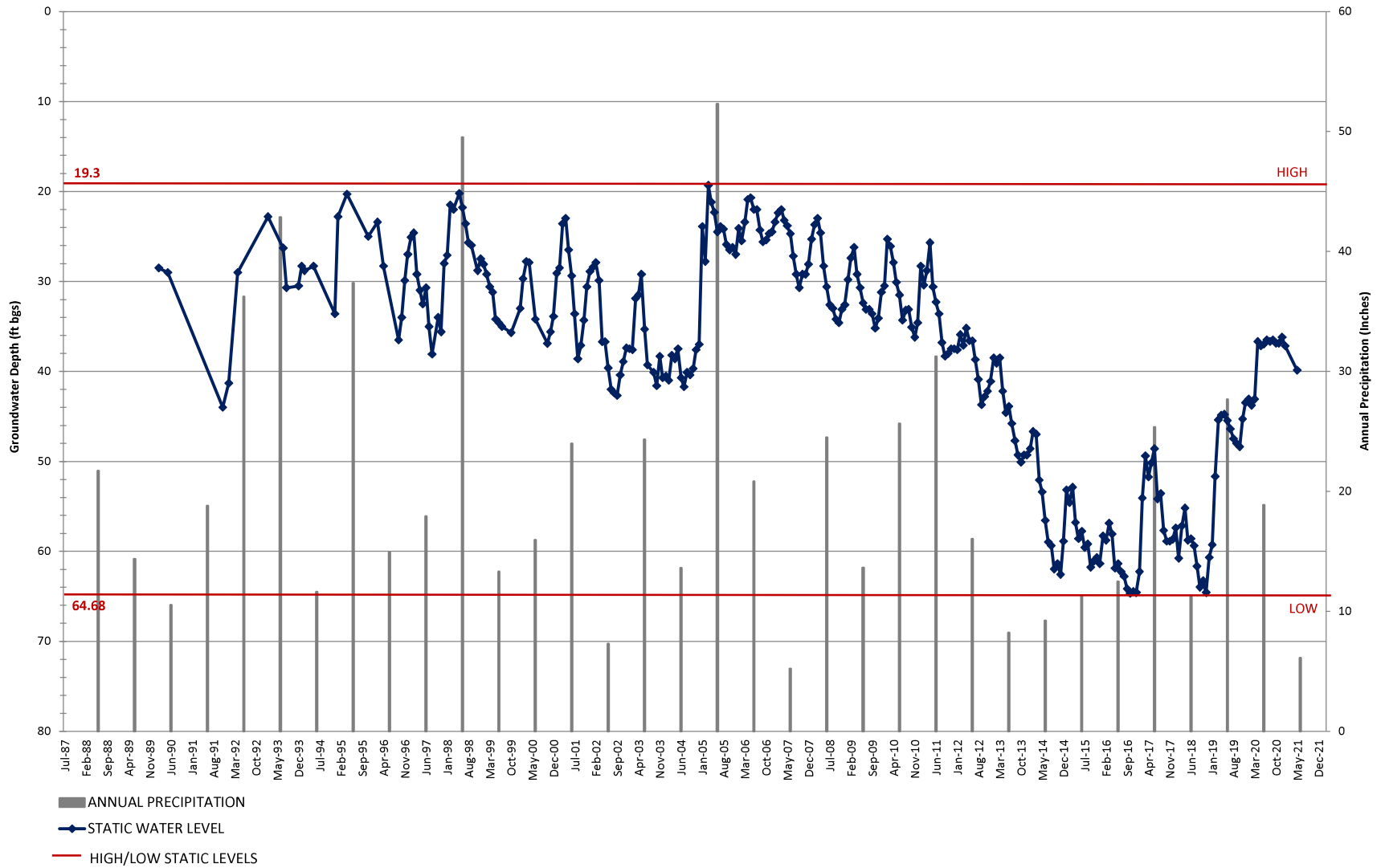
SCV WATER WELL 201
 STATIC WATER LEVEL VS PRECIPITATION



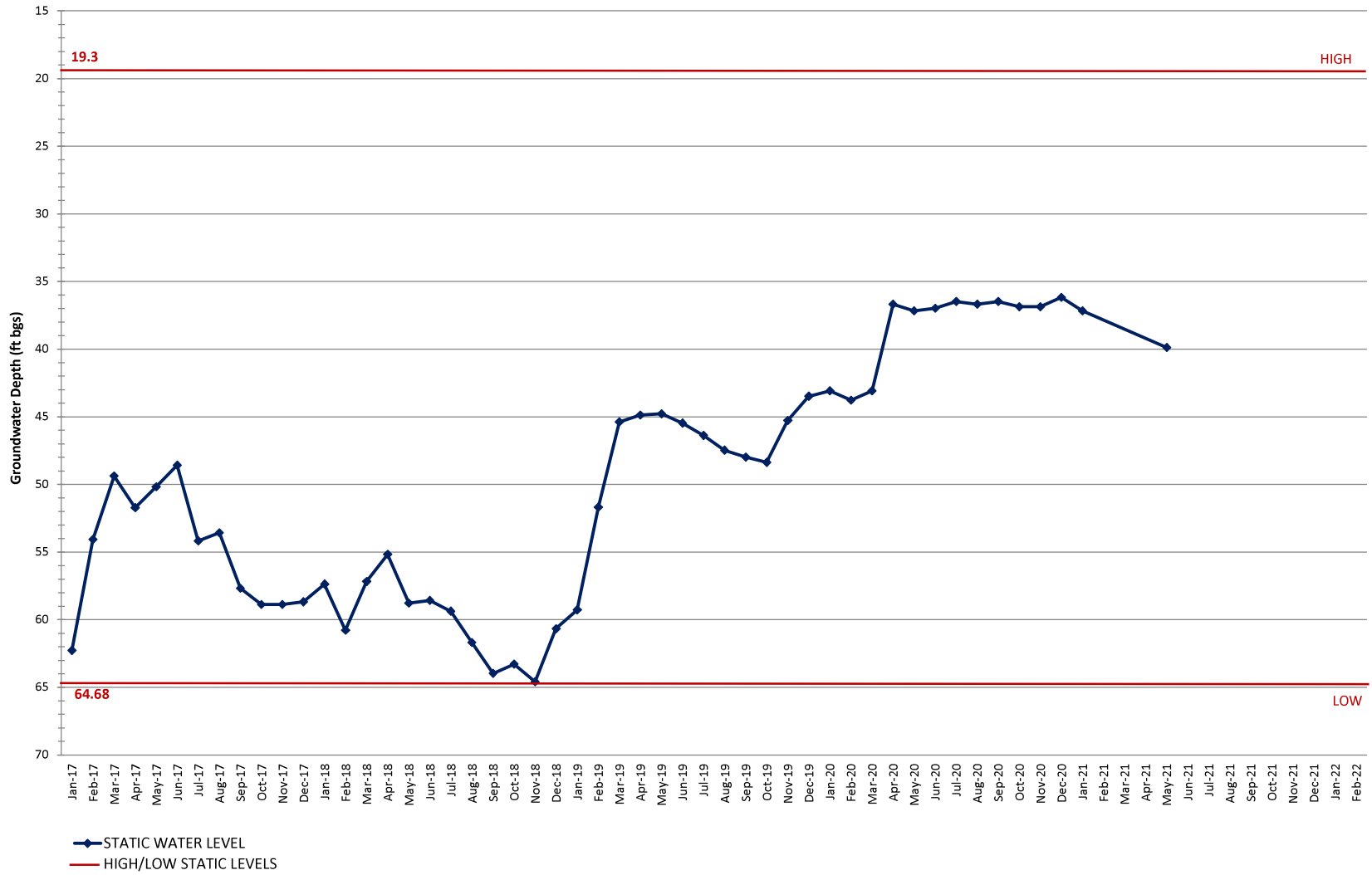
SCV WATER WELL 201
 STATIC WATER LEVEL



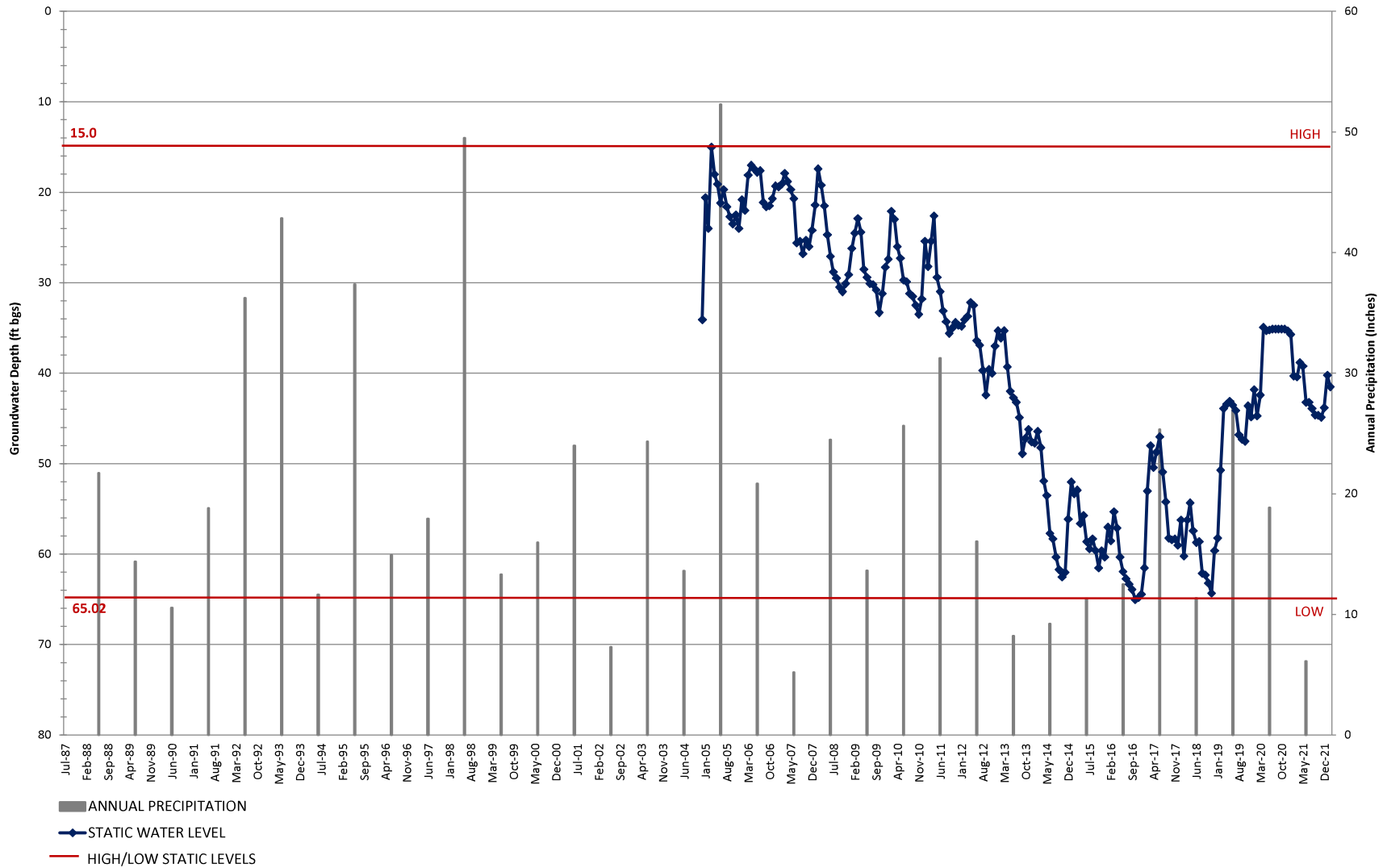
SCV WATER WELL N
 STATIC WATER LEVEL VS PRECIPITATION



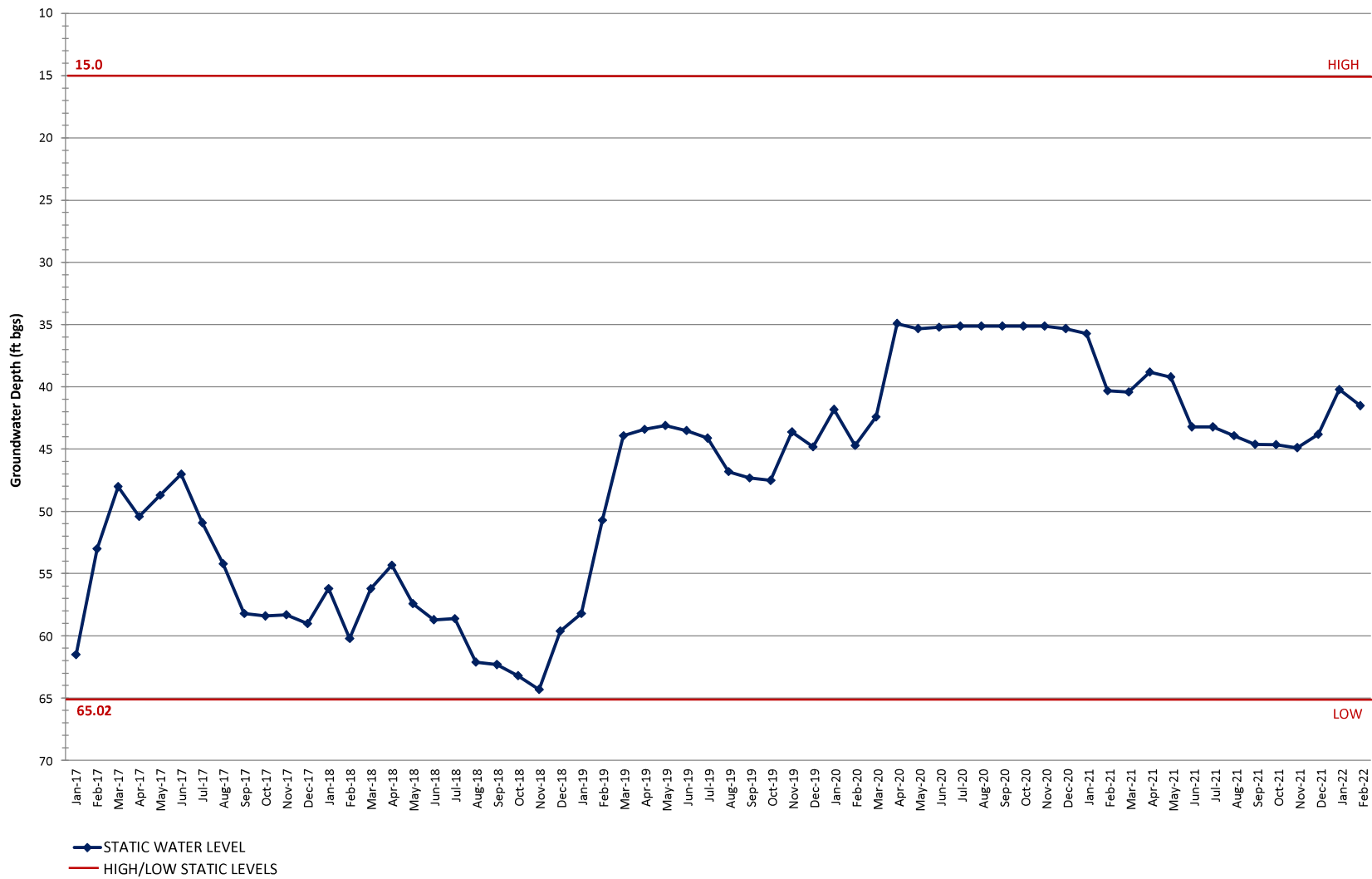
SCV WATER WELL N
STATIC WATER LEVEL



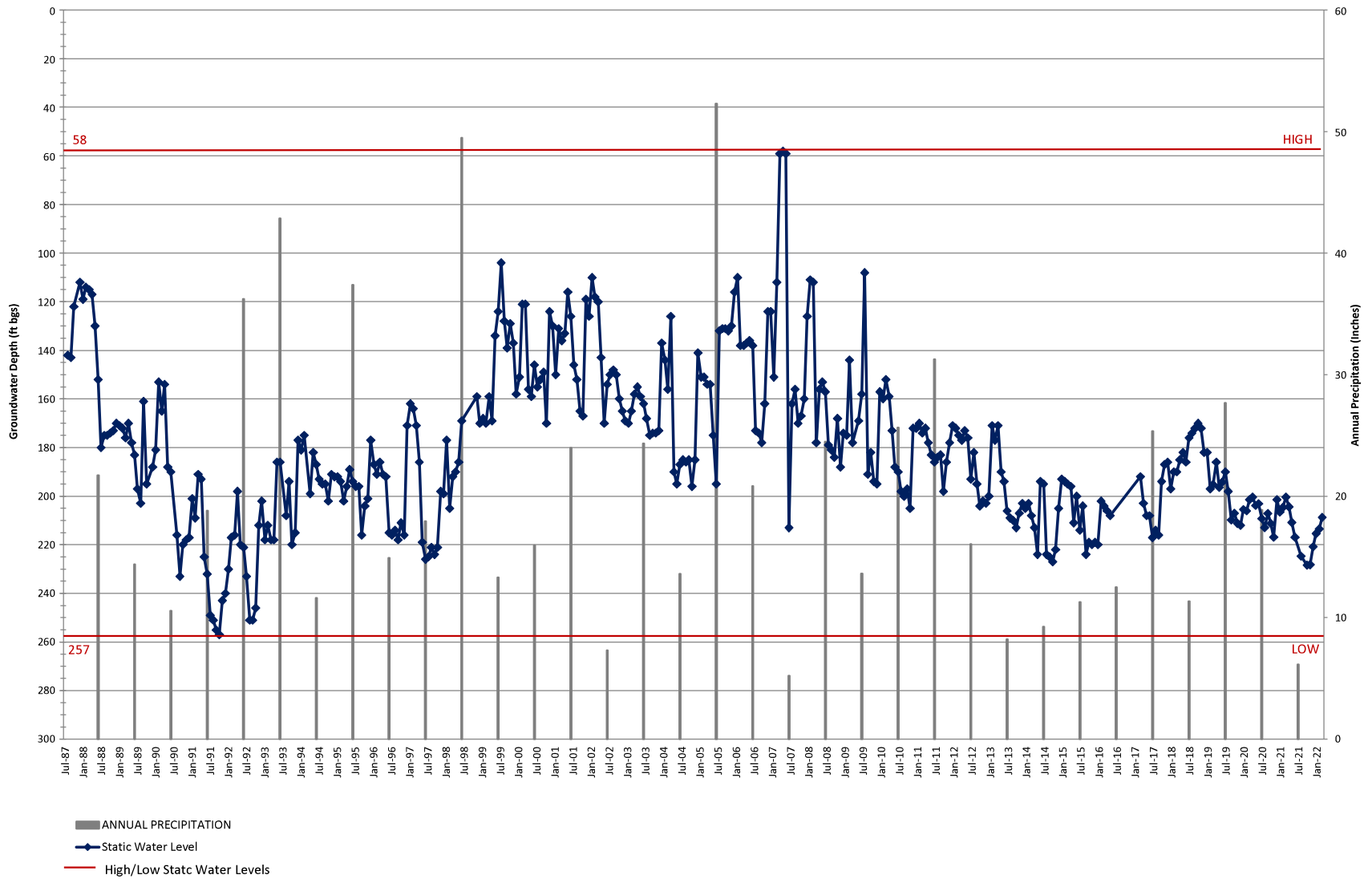
SCV WATER WELL N7
 STATIC WATER LEVEL VS PRECIPITATION



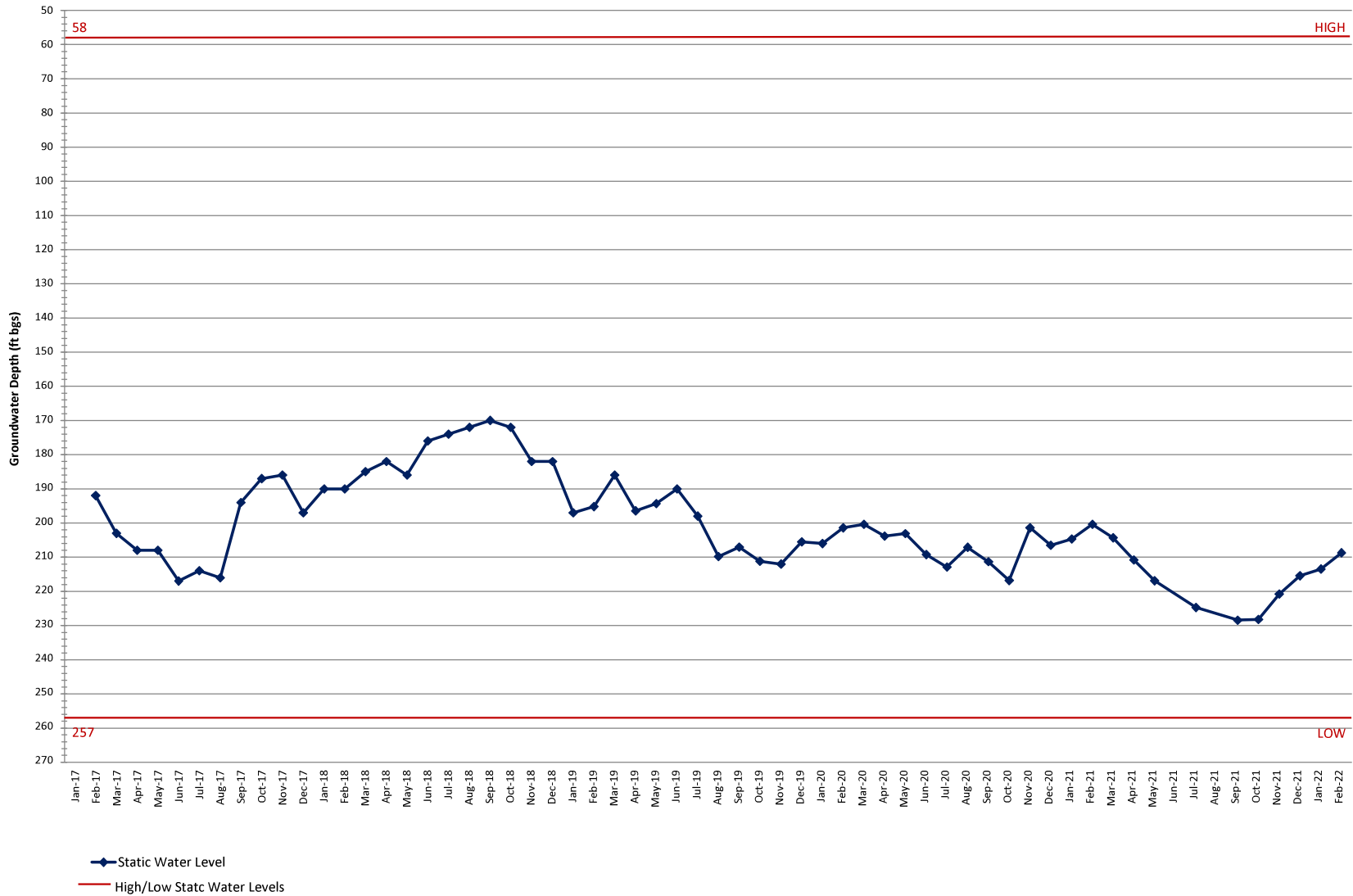
SCV WATER WELL N7
STATIC WATER LEVEL



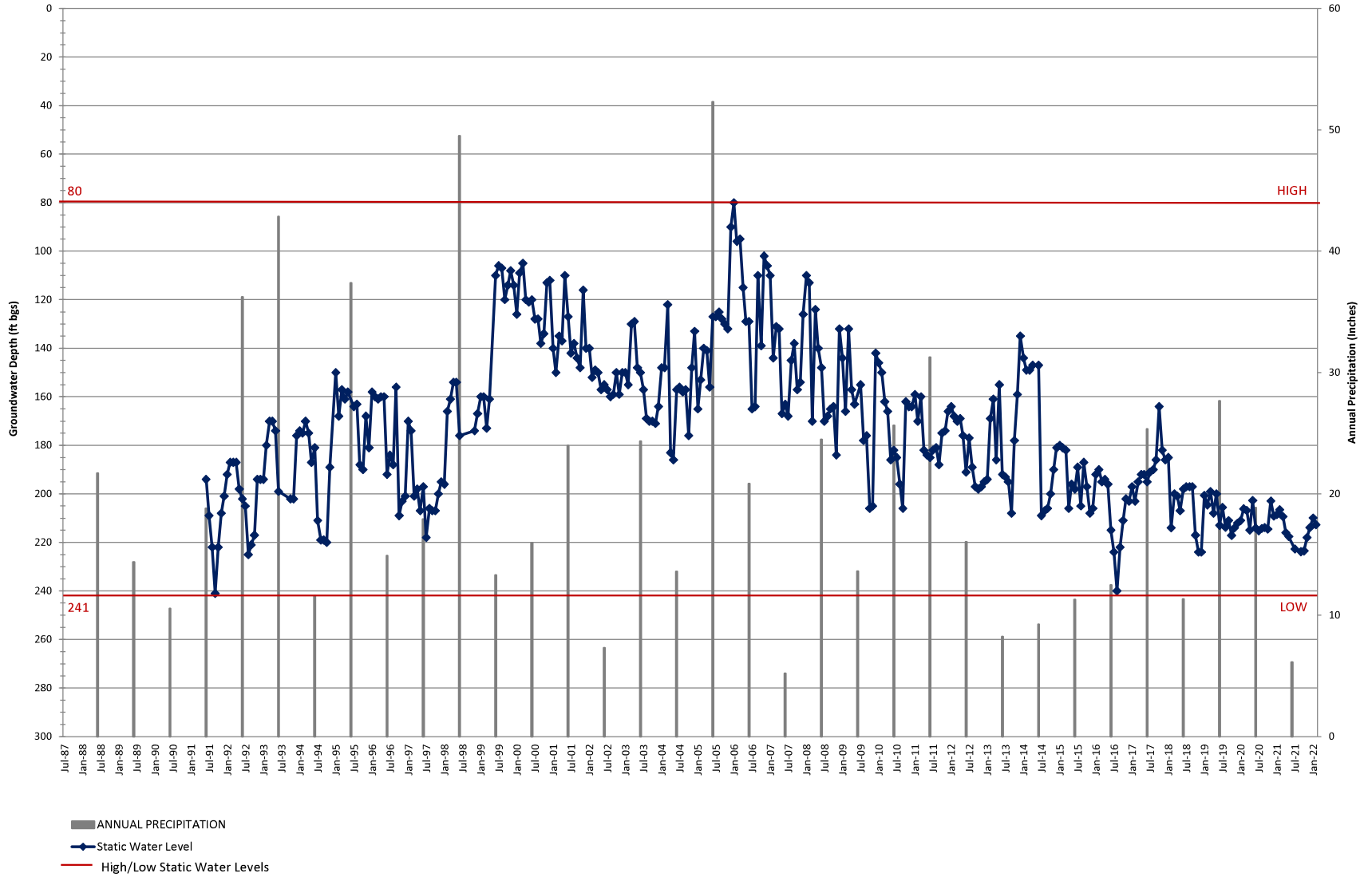
SCV WATER WELL N12
 STATIC WATER LEVEL VS PRECIPITATION



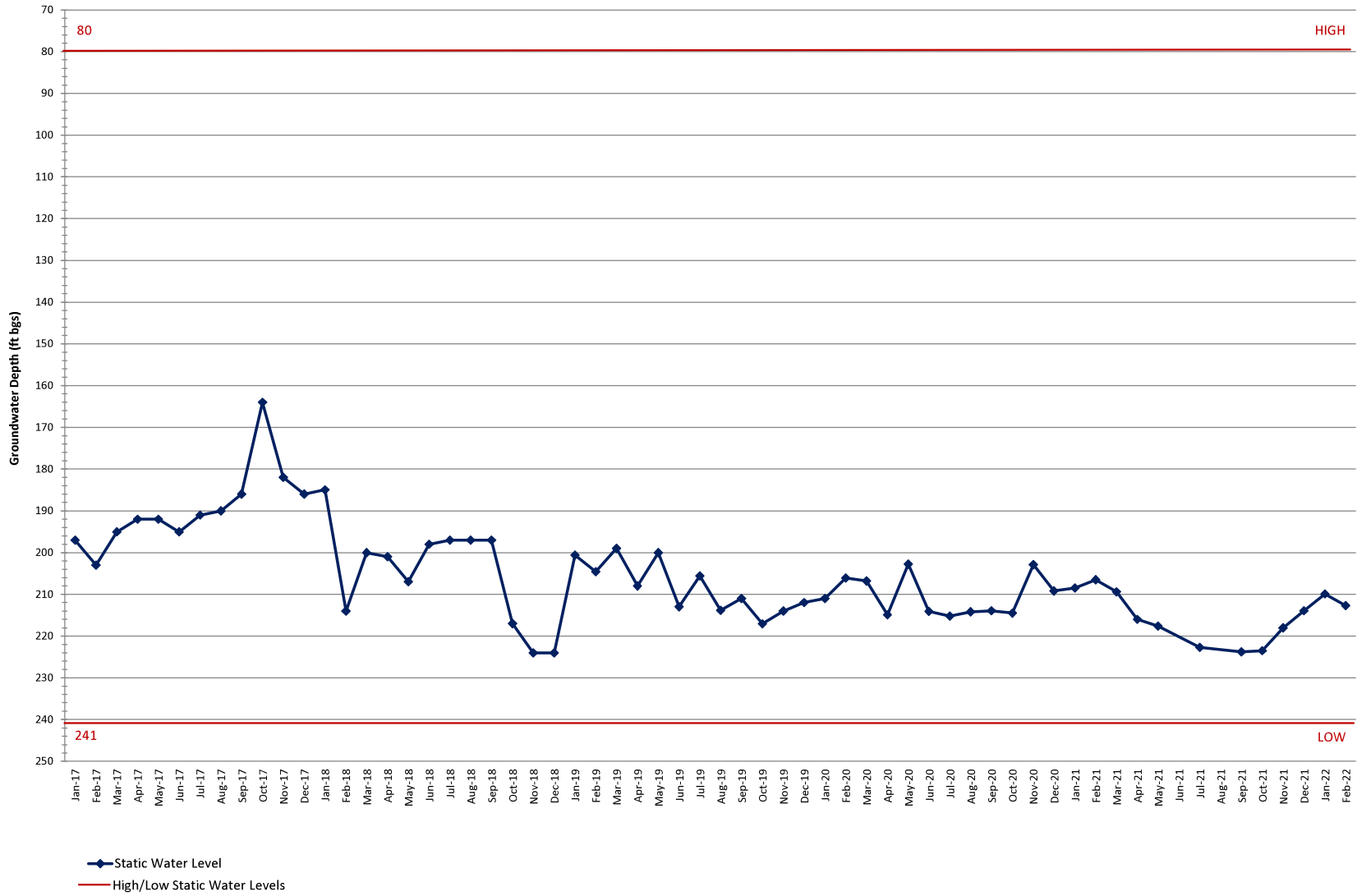
SCV WATER WELL N12
 STATIC WATER LEVEL



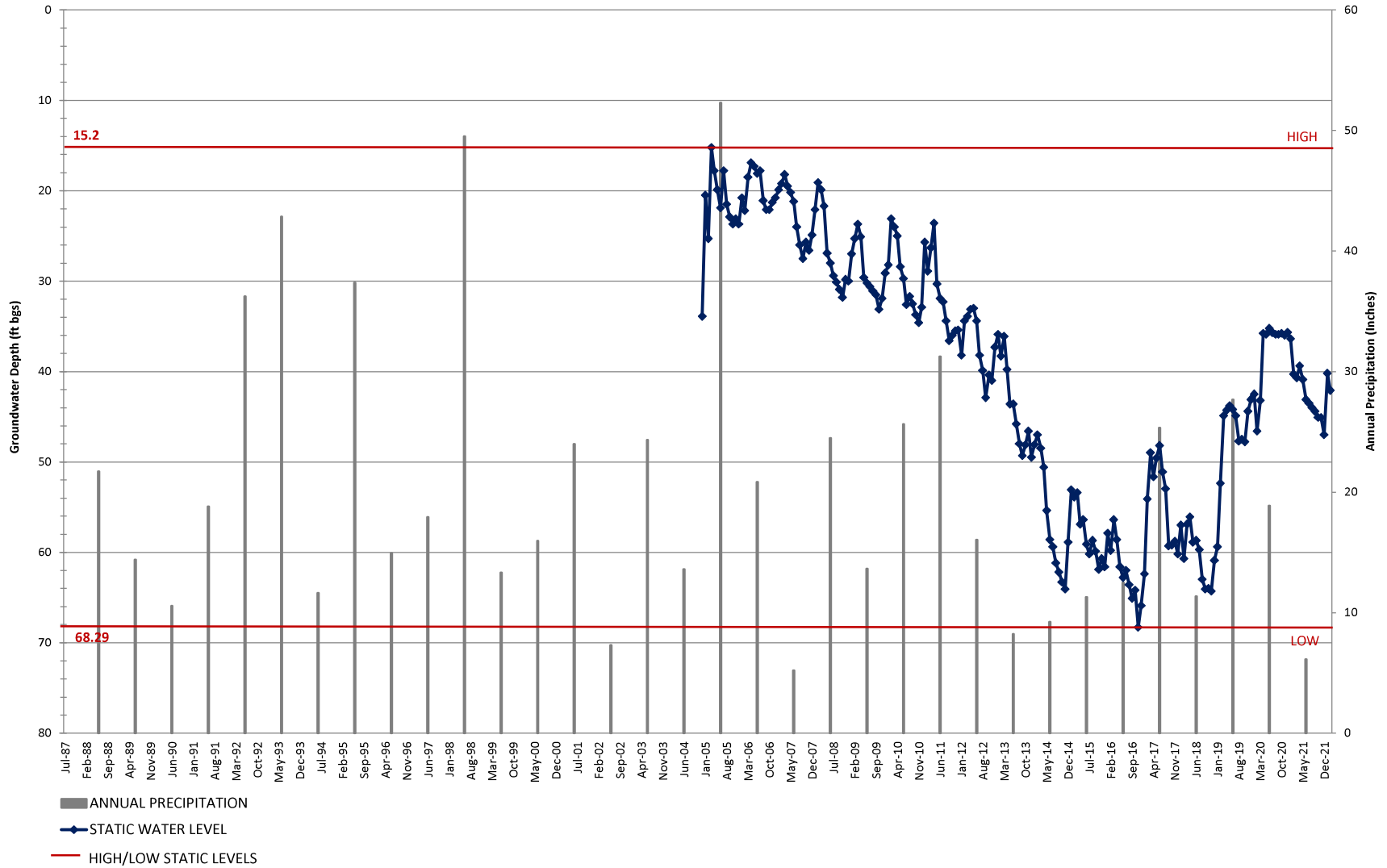
SCV WATER WELL N13
STATIC WATER LEVEL VS PRECIPITATION



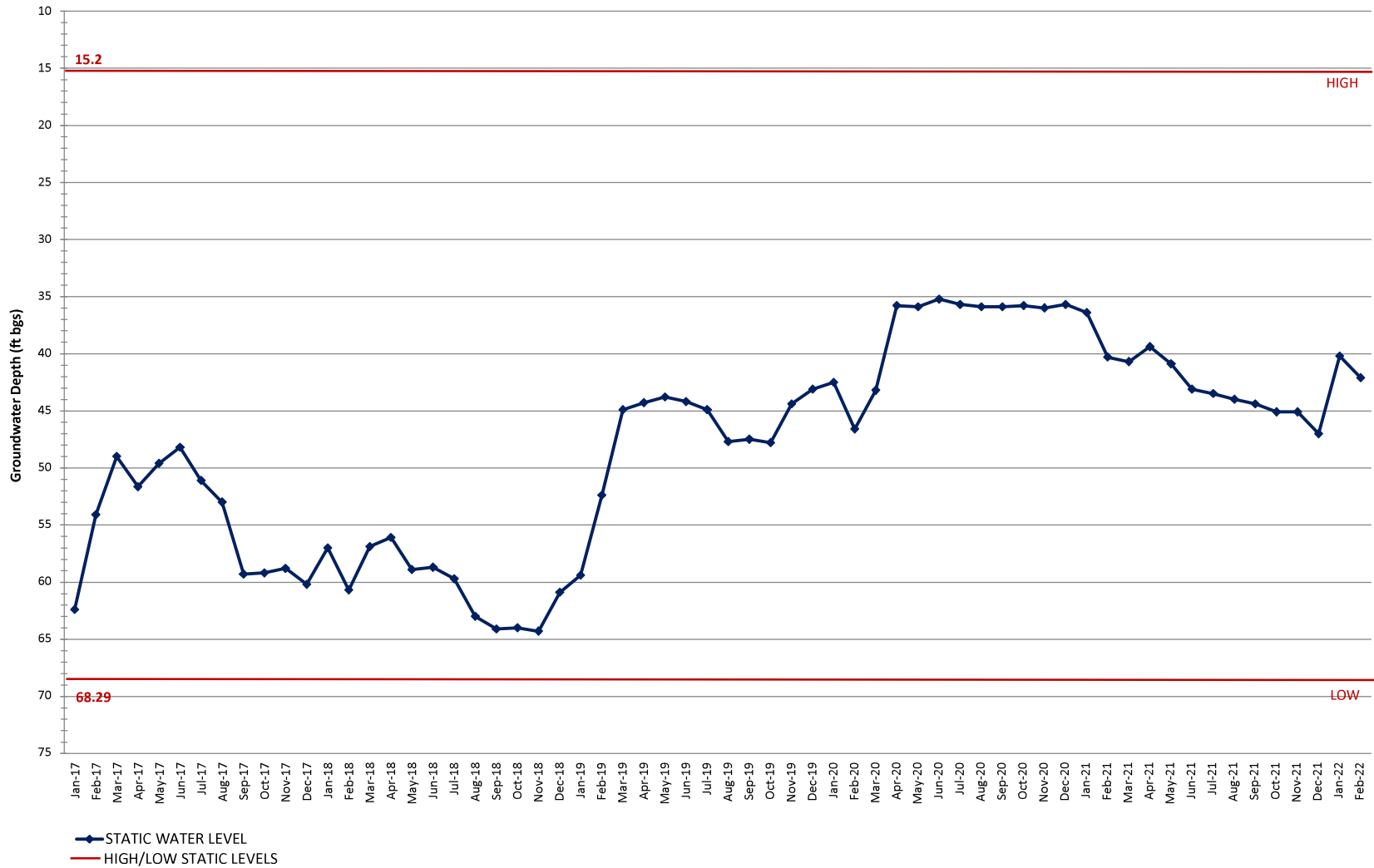
SCV WATER WELL N13
 STATIC WATER LEVEL



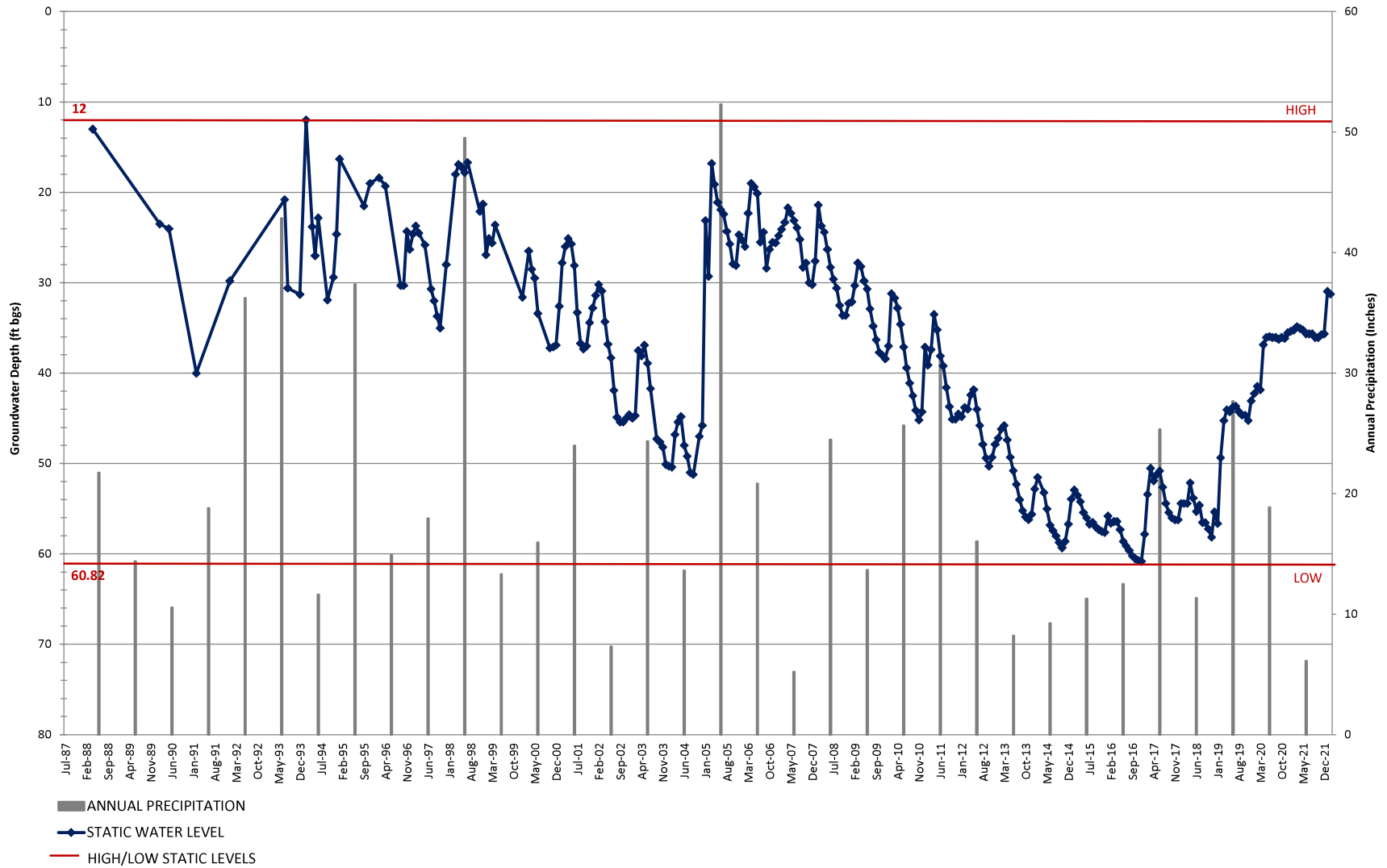
SCV WATER WELL N8
 STATIC WATER LEVEL VS PRECIPITATION



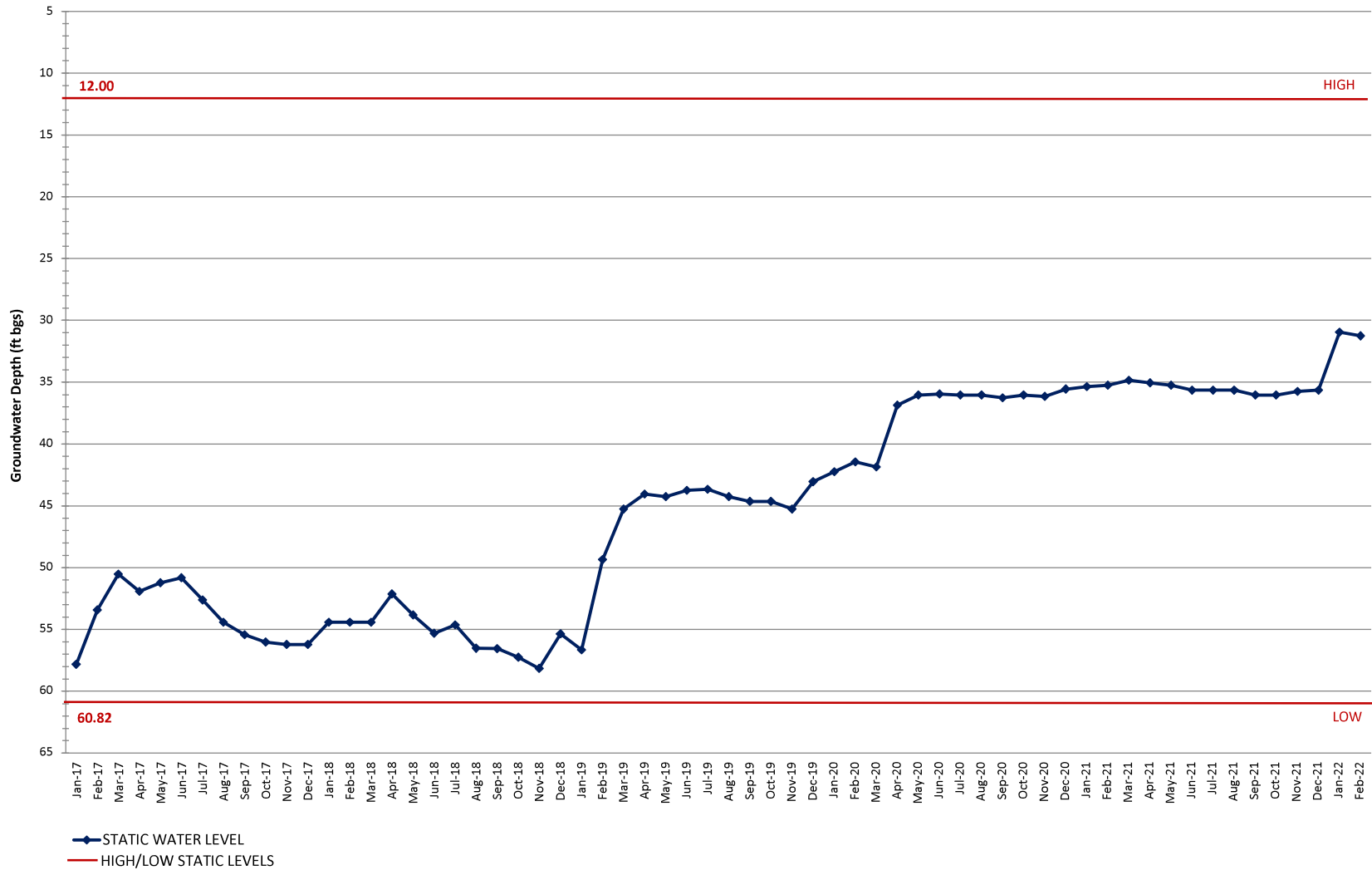
SCV WATER WELL N8
STATIC WATER LEVEL



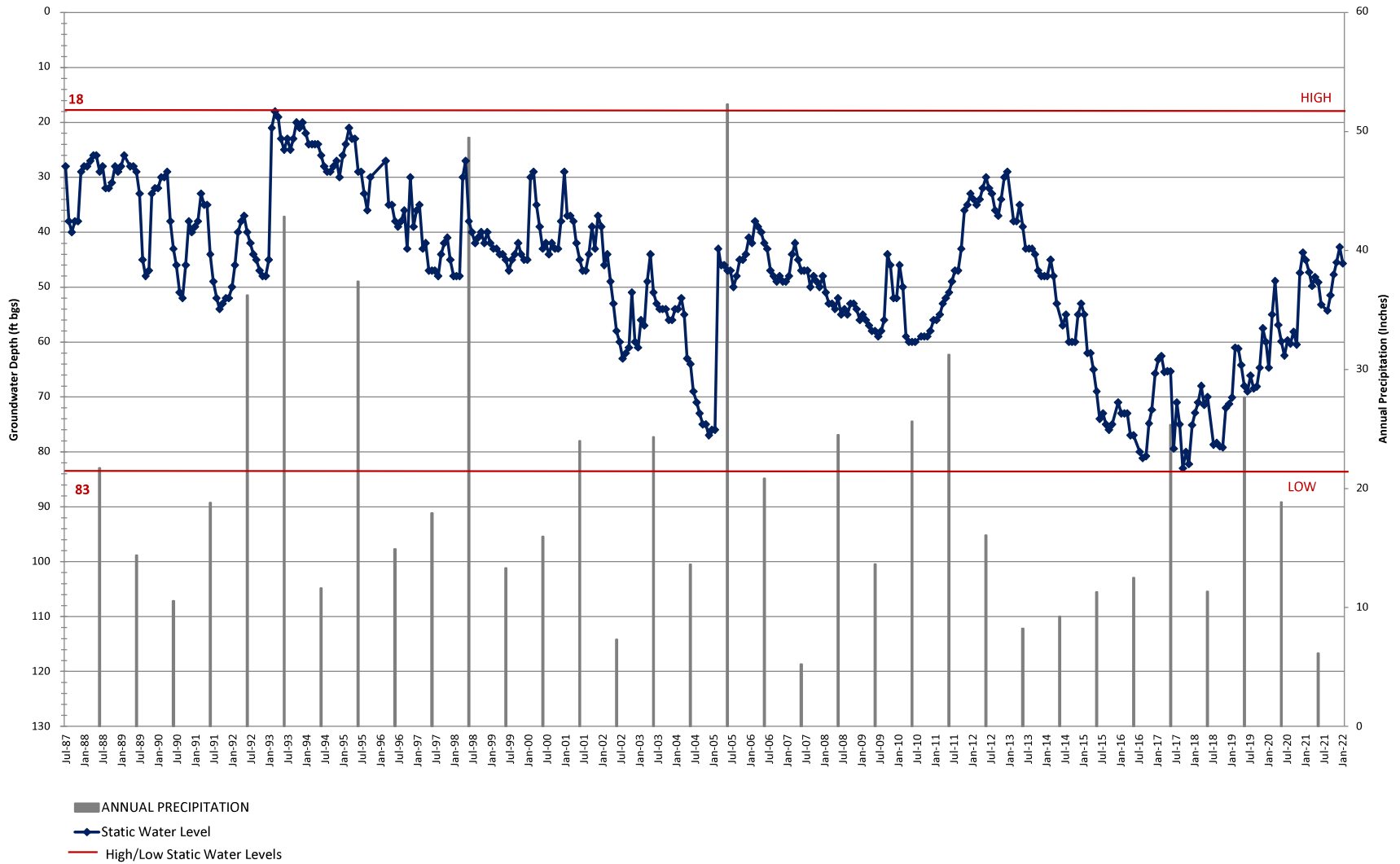
SCV WATER WELL Q2
 STATIC WATER LEVEL VS PRECIPITATION



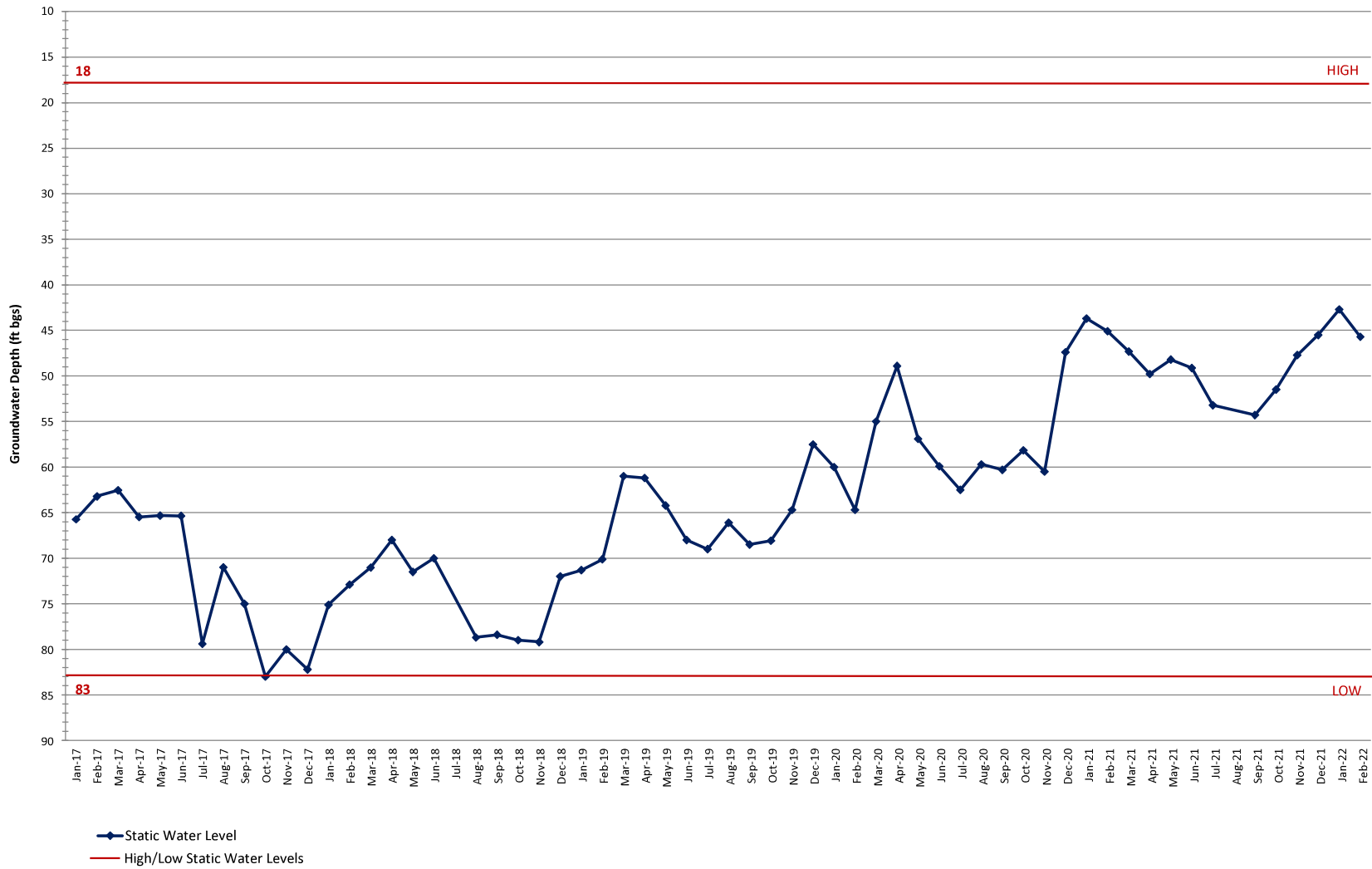
SCV WATER WELL Q2
STATIC WATER LEVEL



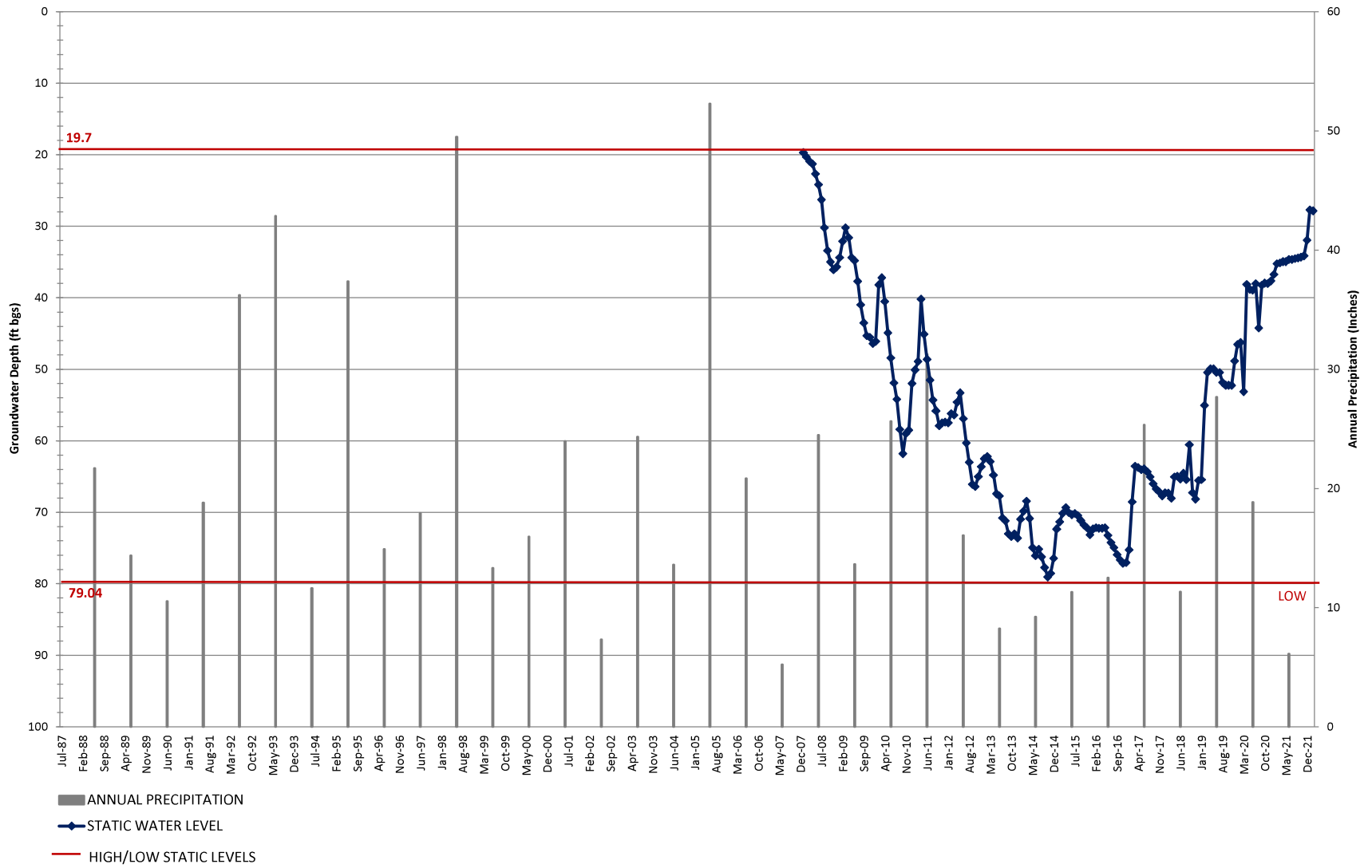
SCV WATER WELL GUIDA #14
STATIC WATER LEVEL VS PRECIPITATION



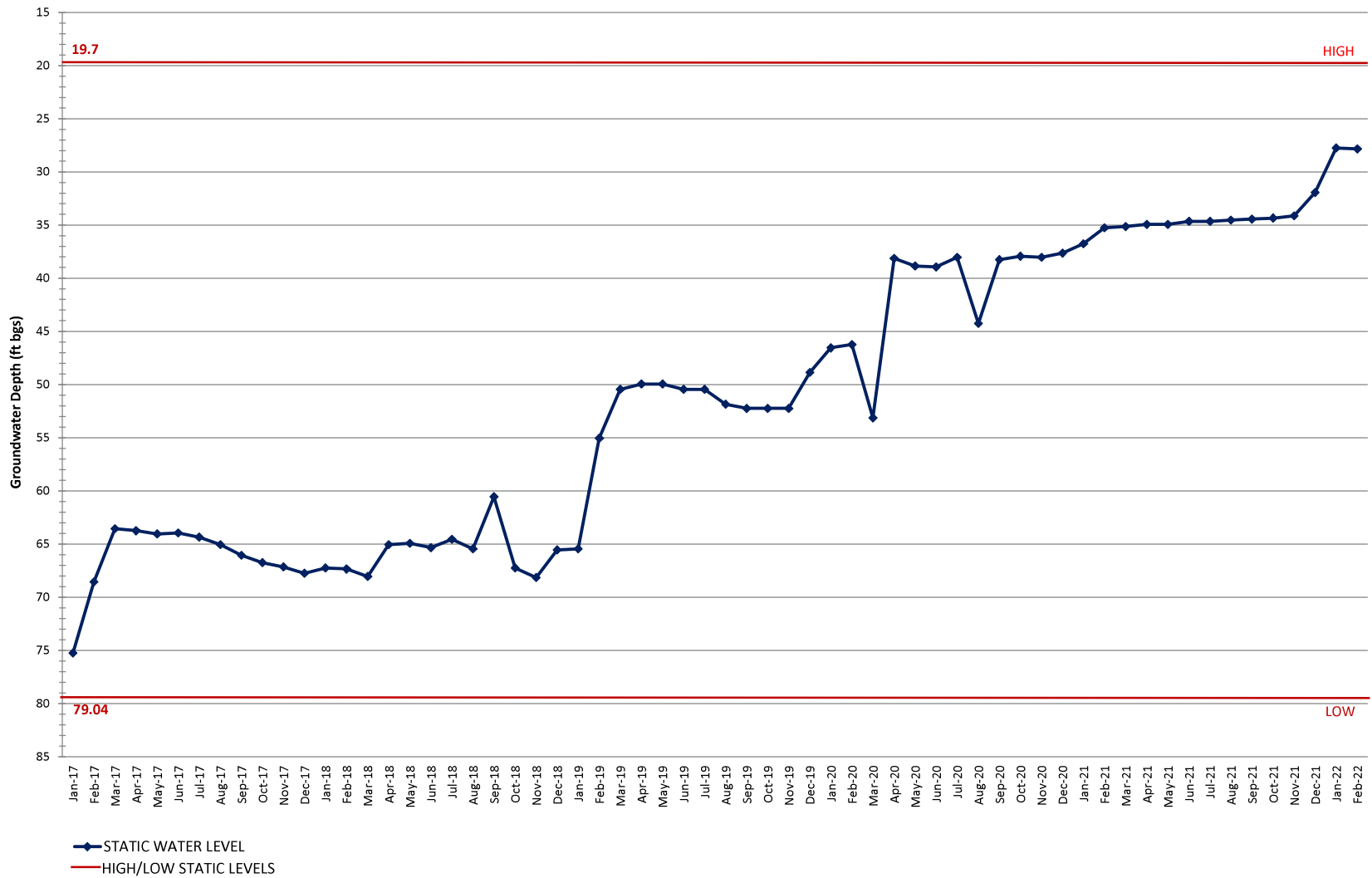
SCV WATER WELL GUIDA #14
 STATIC WATER LEVEL



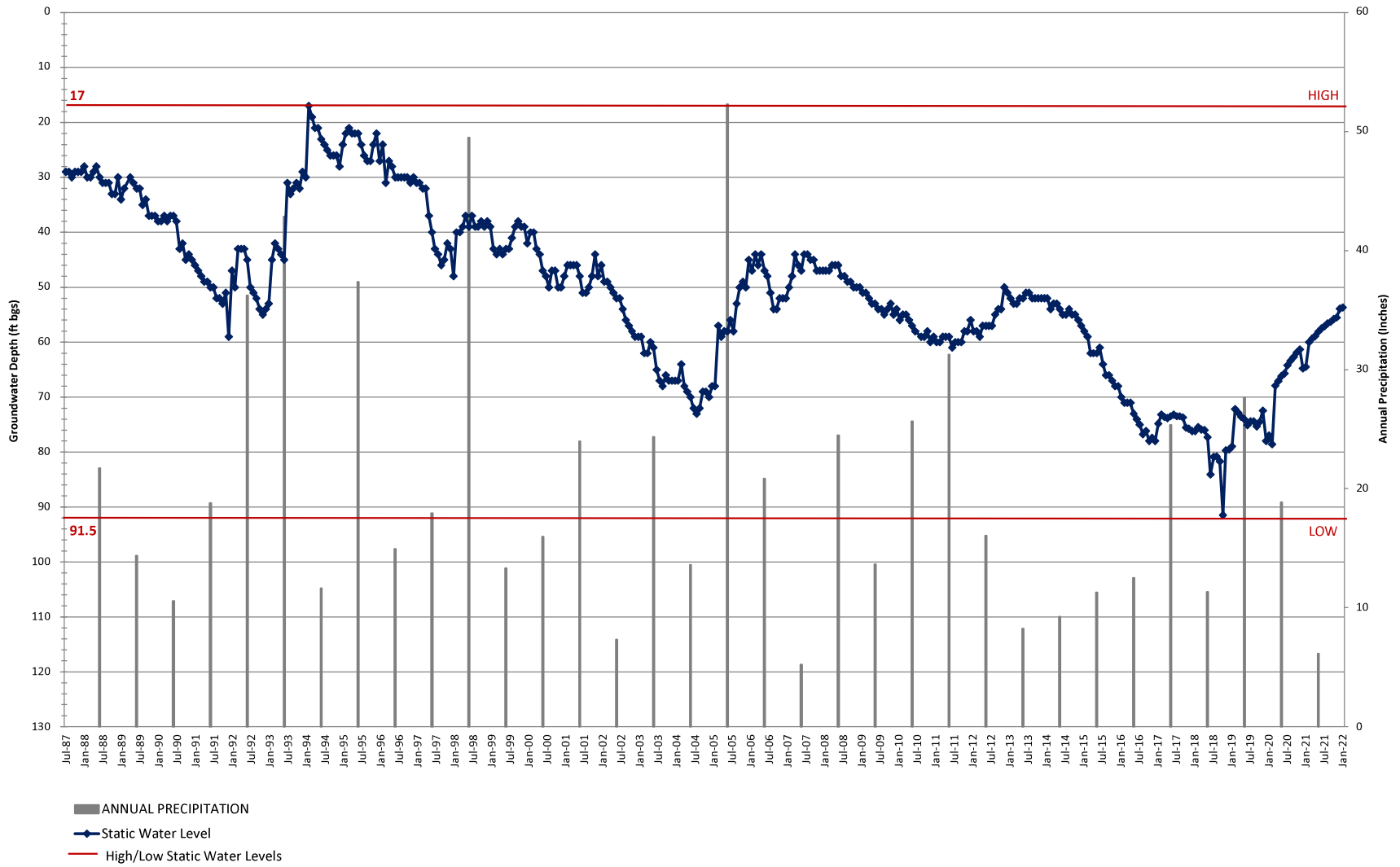
SCV WATER WELL T7
 STATIC WATER LEVEL VS PRECIPITATION



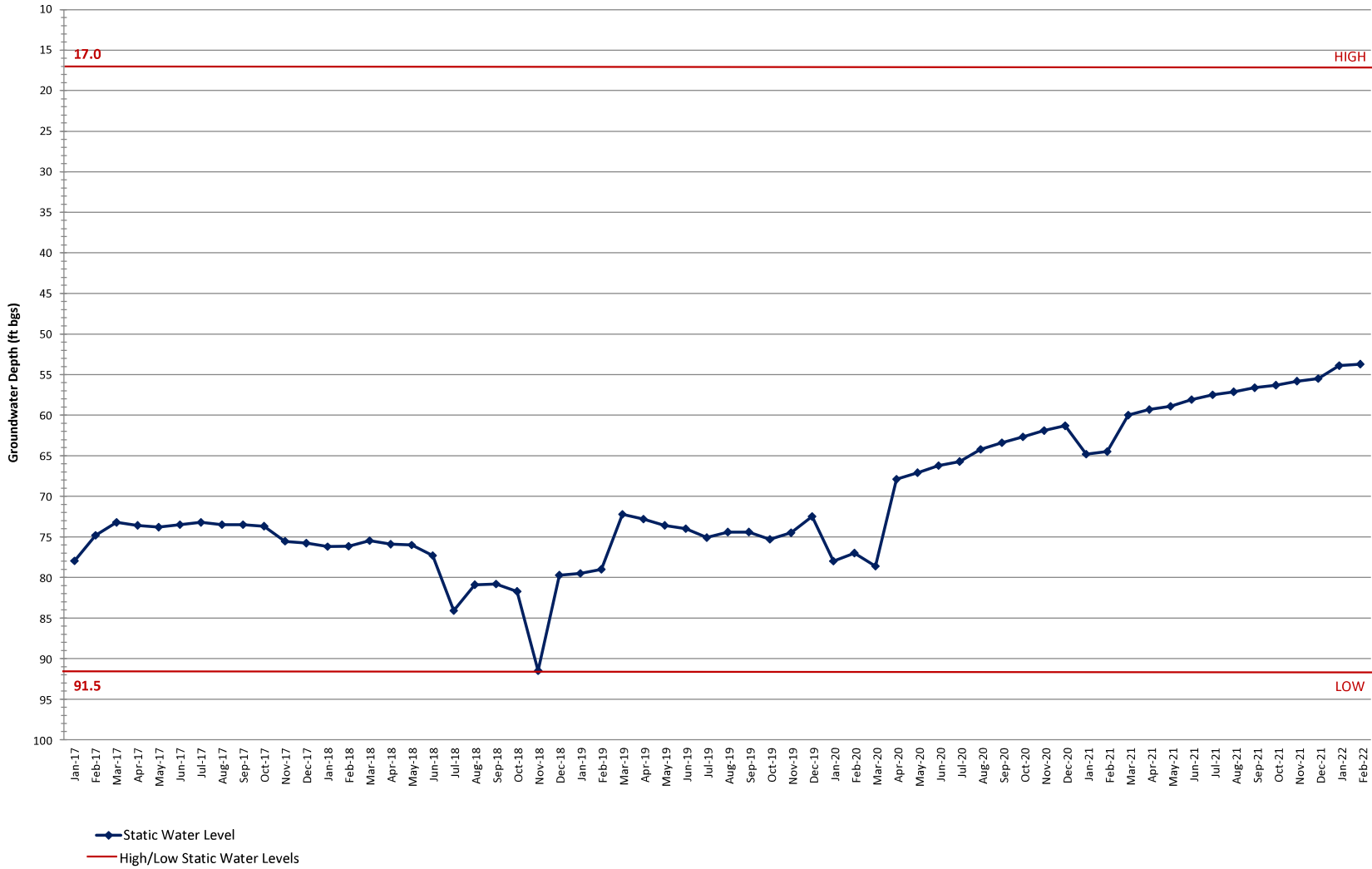
SCV WATER WELL T7
STATIC WATER LEVEL



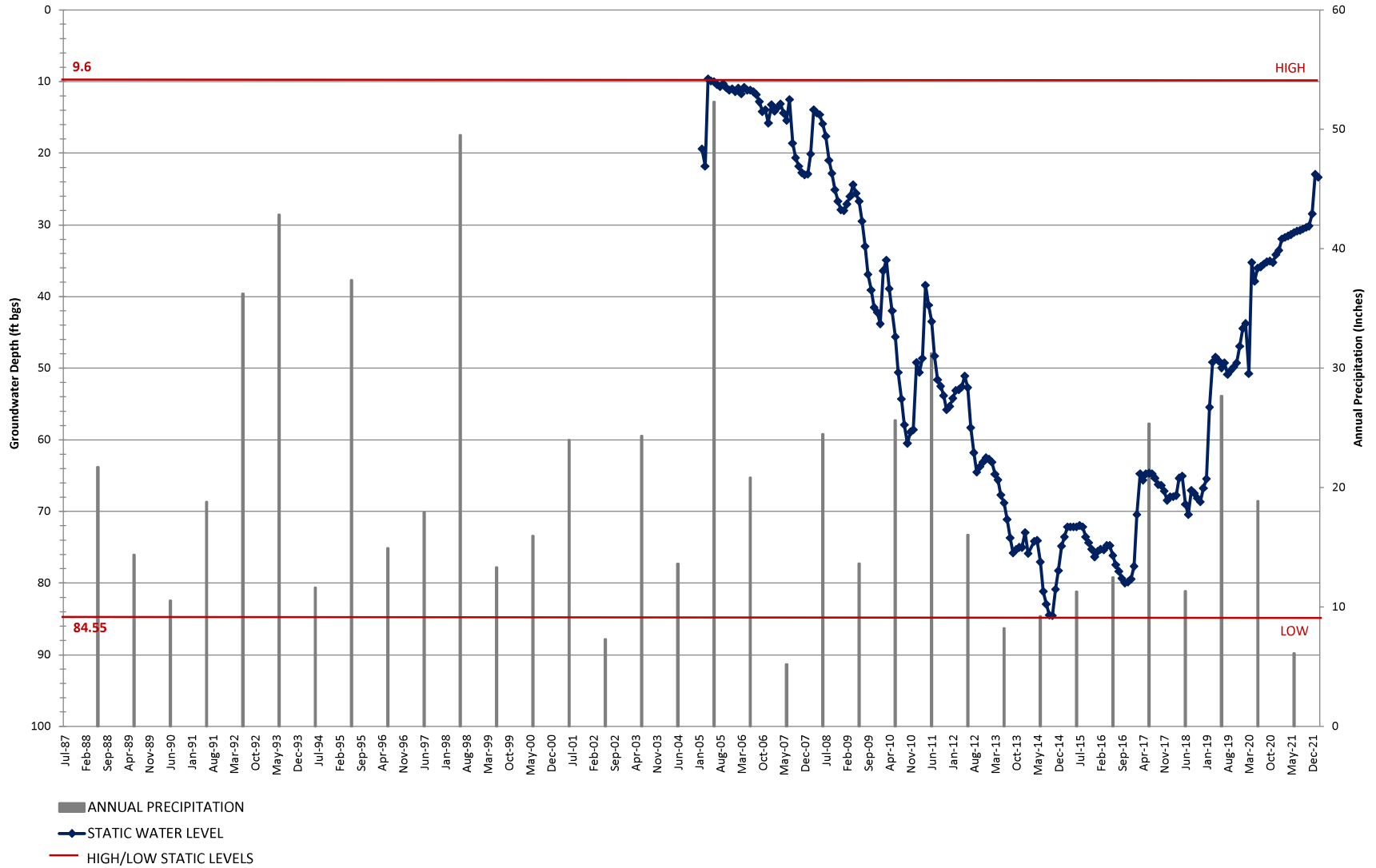
SCV WATER WELL CLARK #15
STATIC WATER LEVEL VS PRECIPITATION



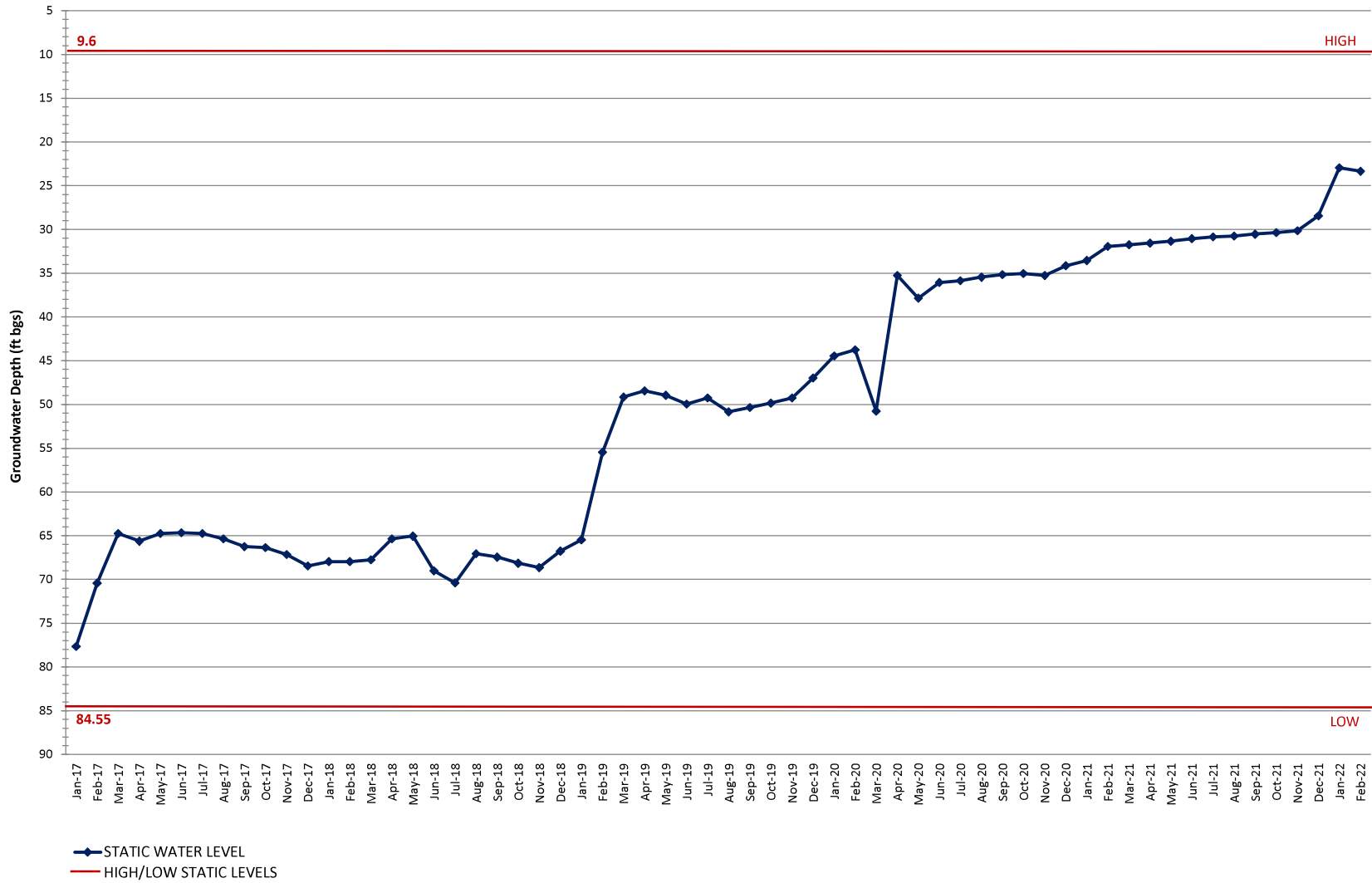
SCV WATER WELL CLARK #15
 STATIC WATER LEVEL



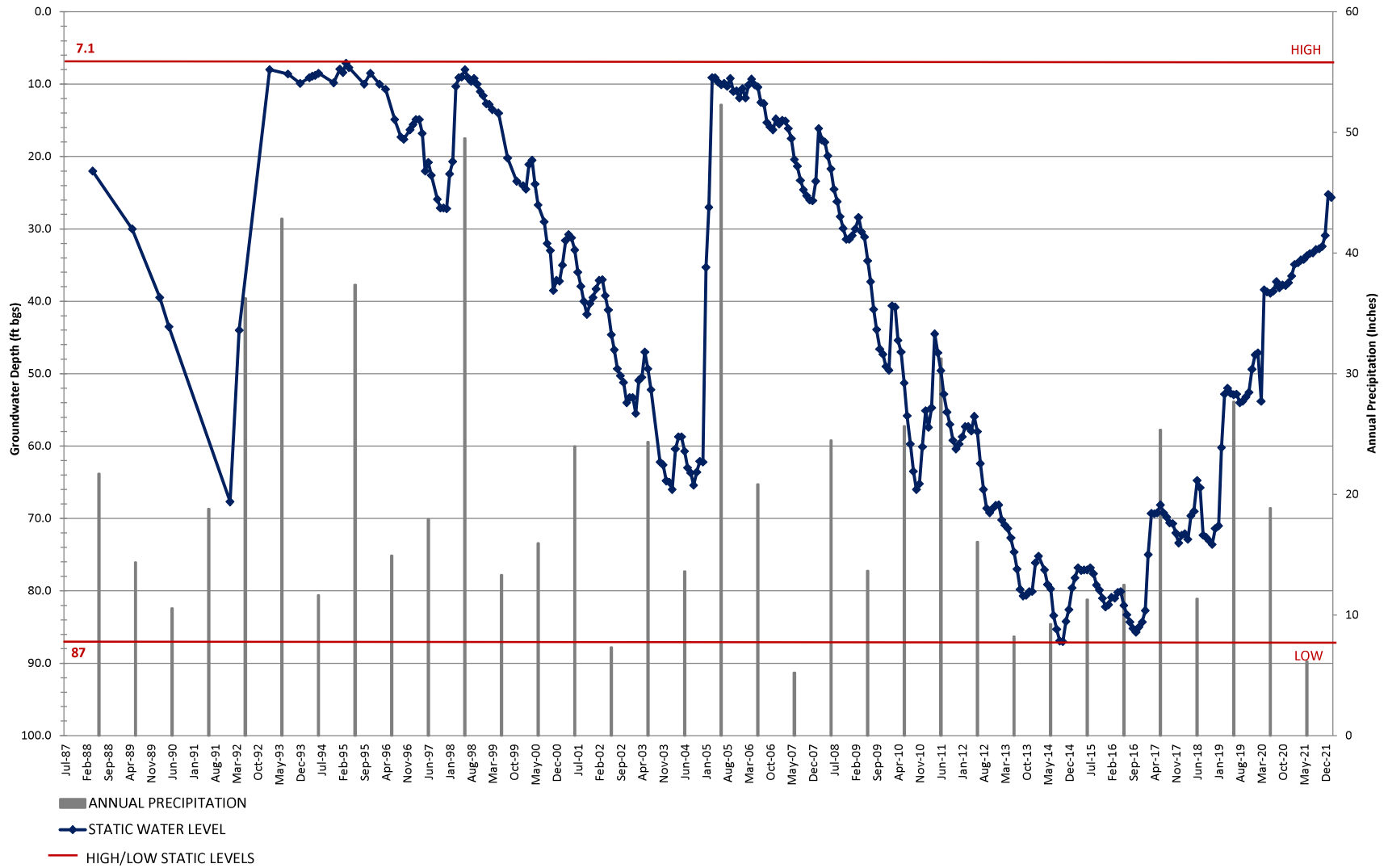
SCV WATER WELL U6
 STATIC WATER LEVEL VS PRECIPITATION



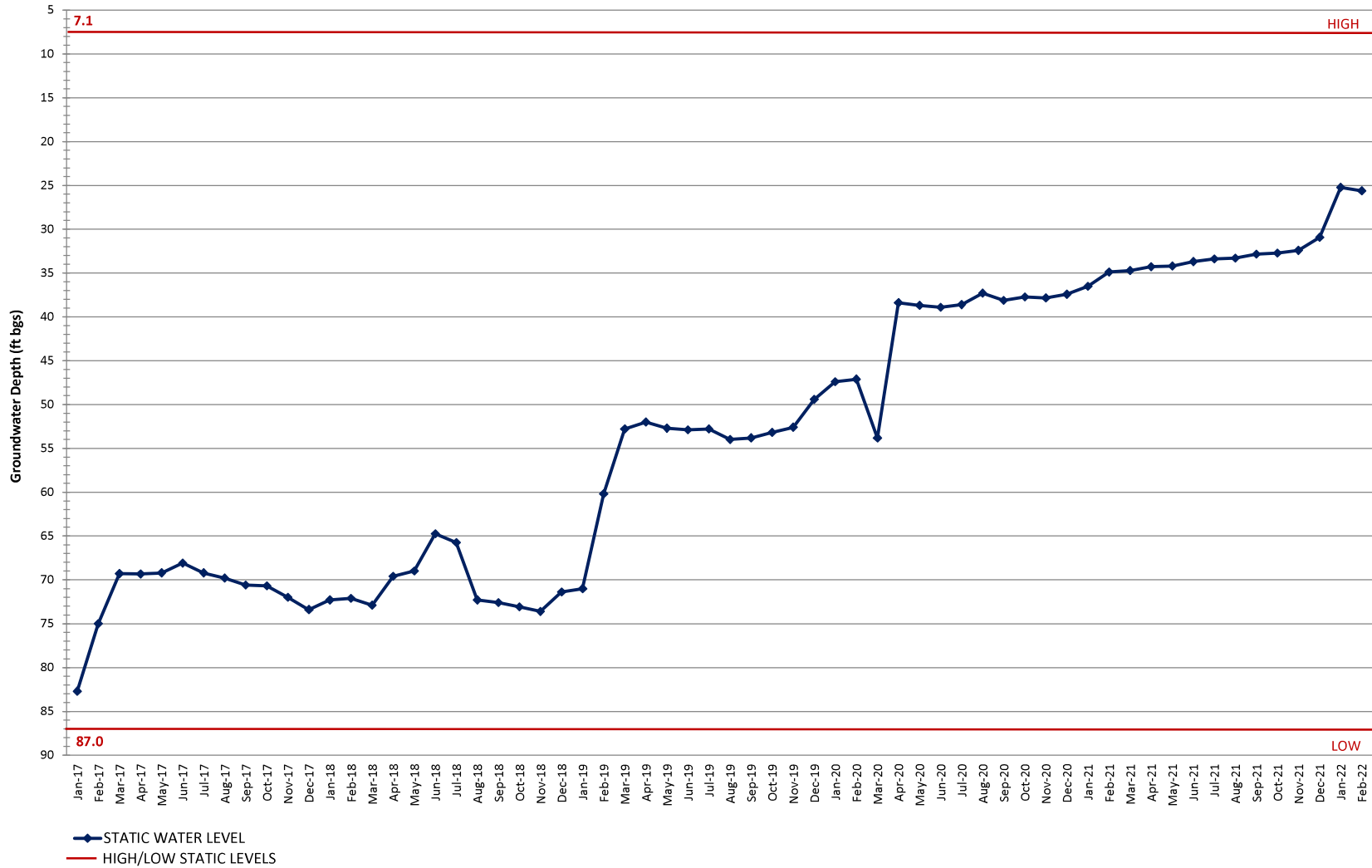
SCV WATER WELL U6
 STATIC WATER LEVEL



SCV WATER WELL U4
 STATIC WATER LEVEL VS PRECIPITATION



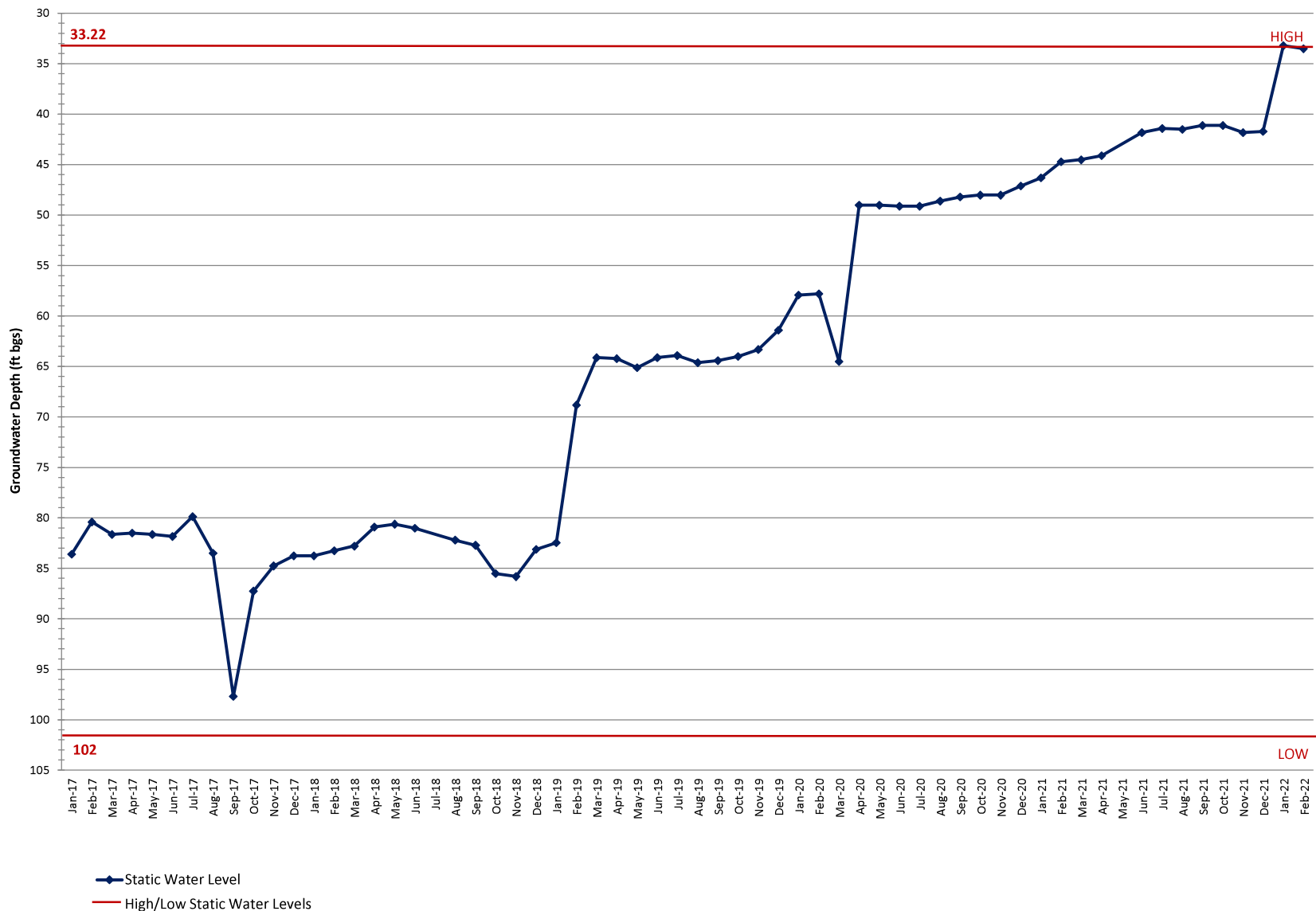
SCV WATER WELL U4
STATIC WATER LEVEL



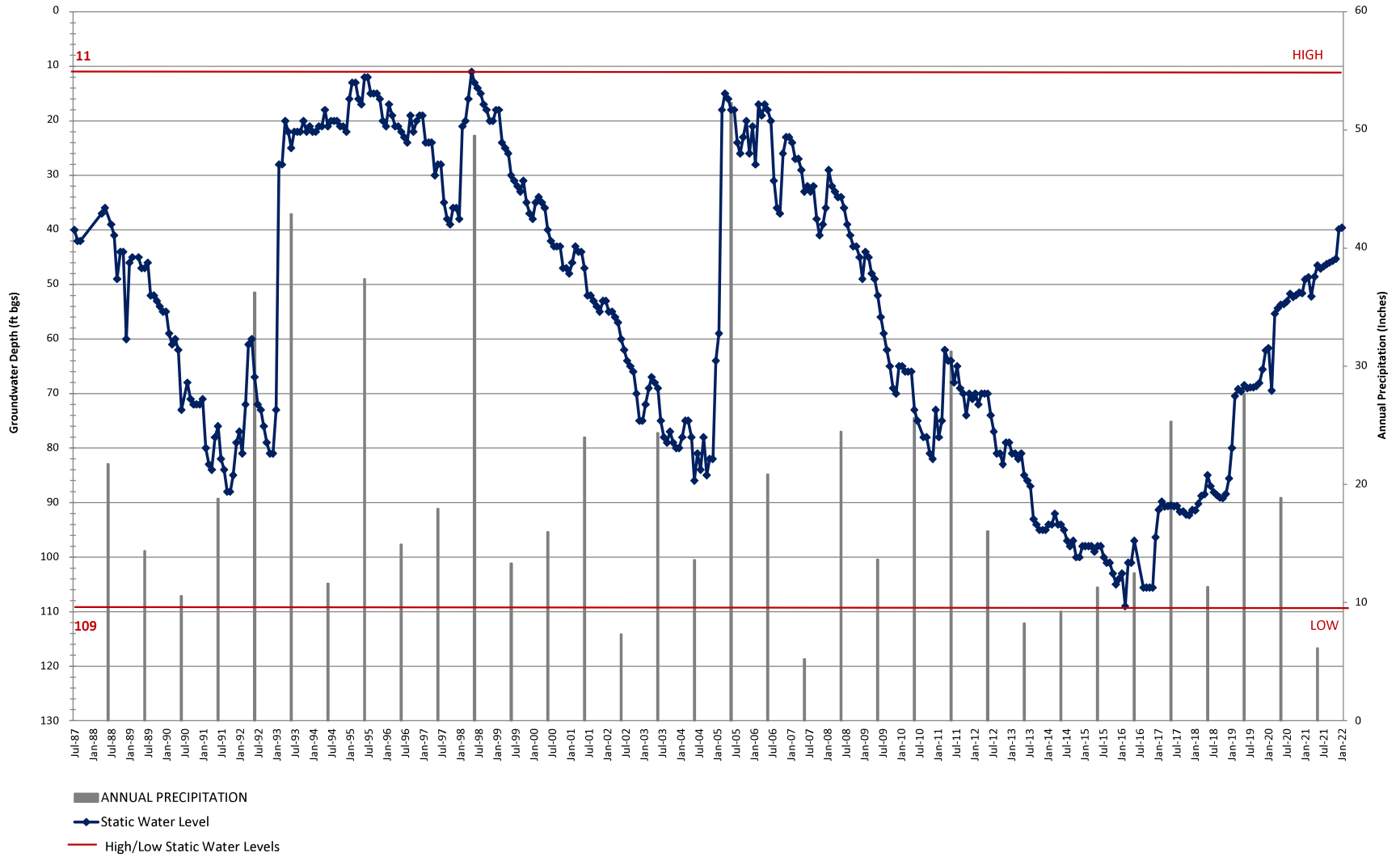
SCV WATER WELL VALLEY CENTER
STATIC WATER LEVEL VS PRECIPITATION



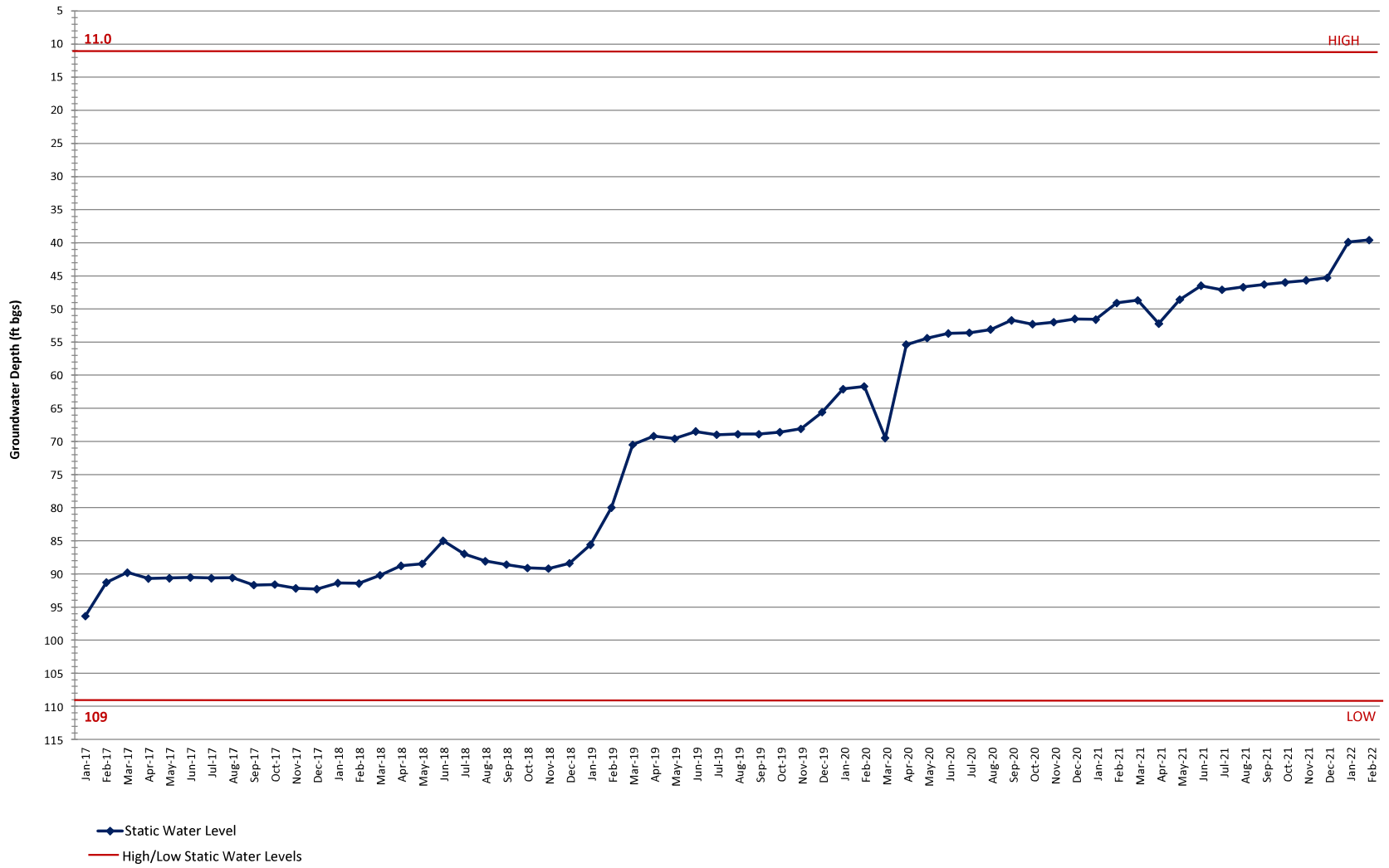
SCV WATER WELL VALLEY CENTER
 STATIC WATER LEVEL



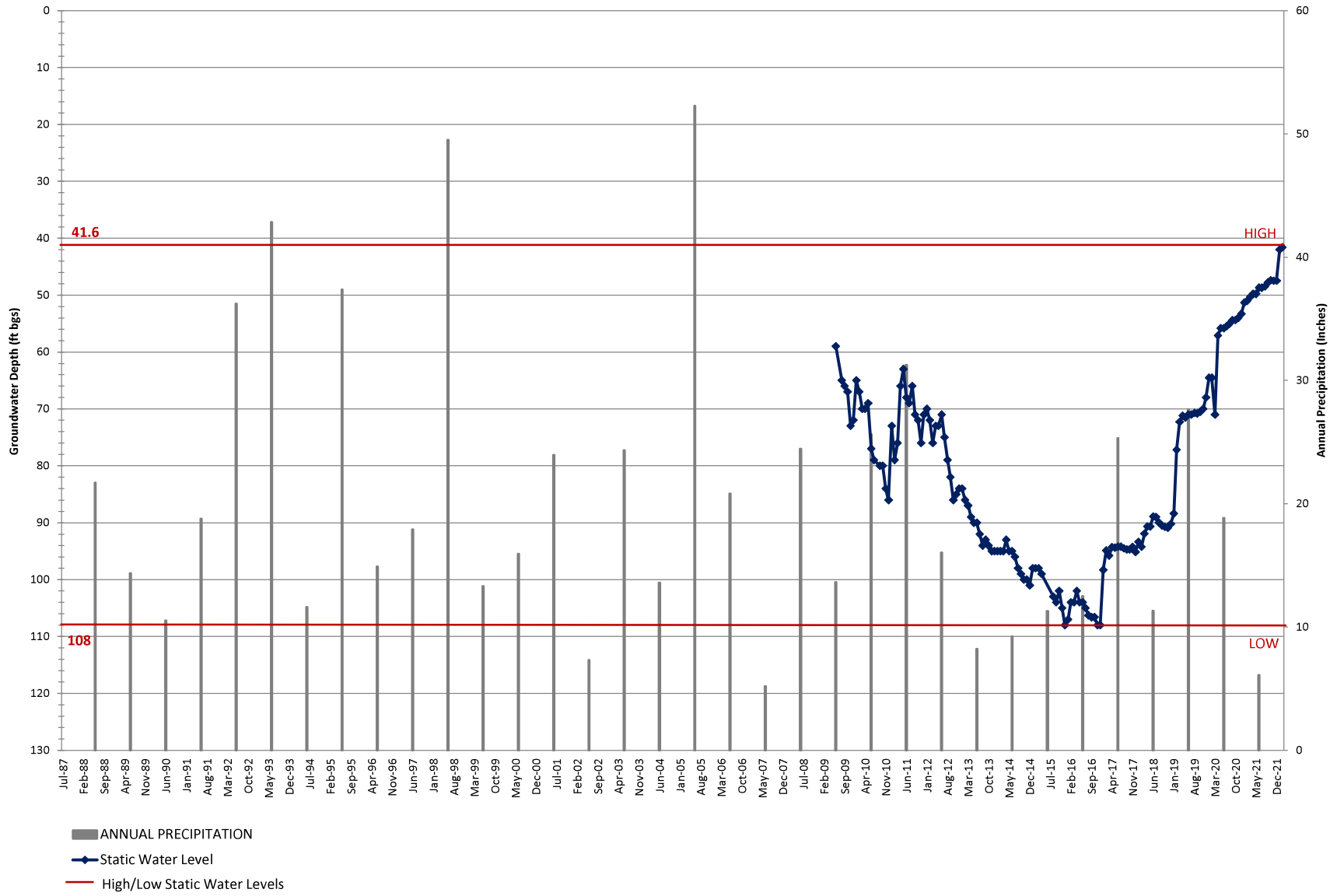
SCV WATER WELL HONBY #12
STATIC WATER LEVEL VS PRECIPITATION



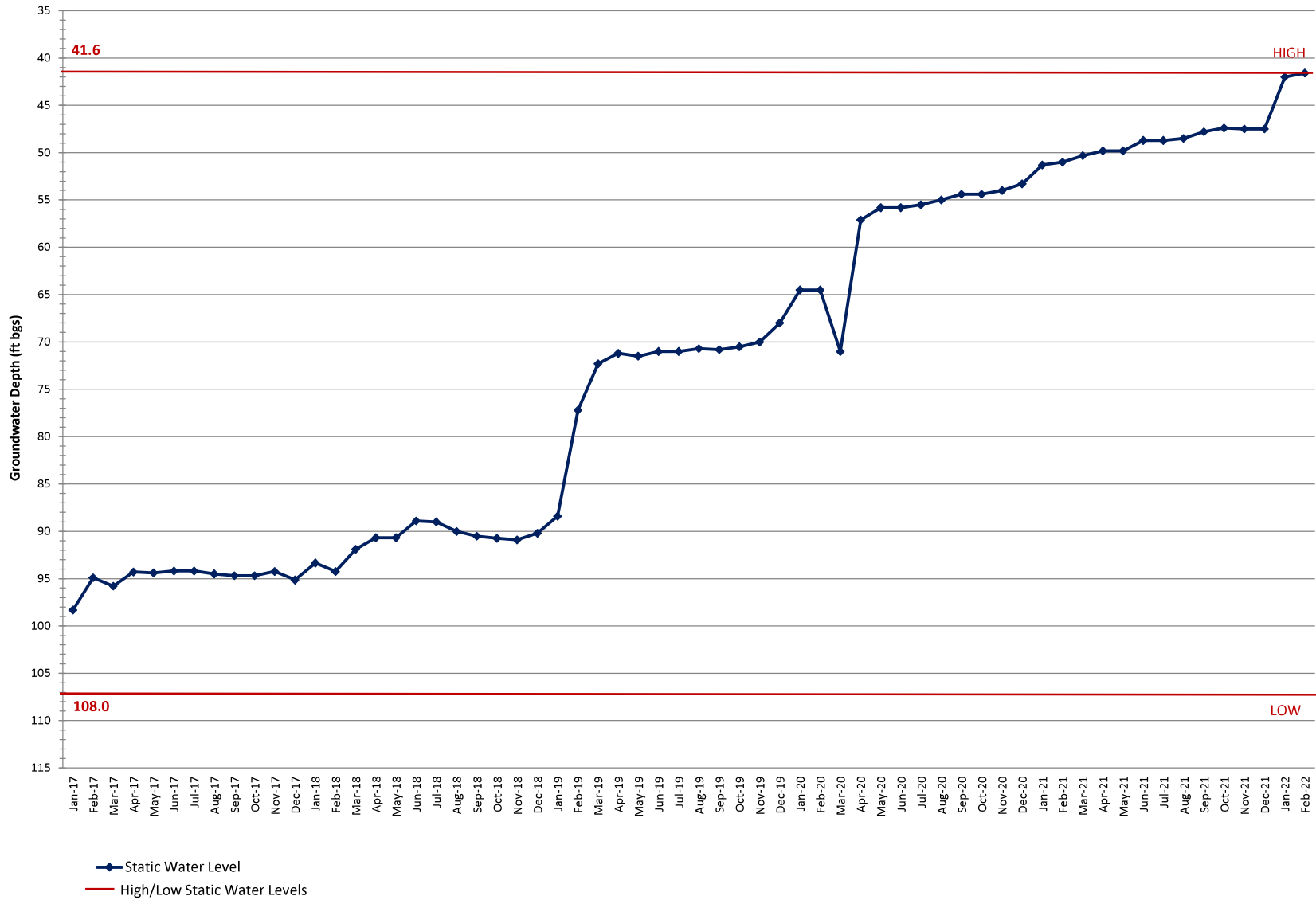
SCV WATER WELL HONBY #12
 STATIC WATER LEVEL



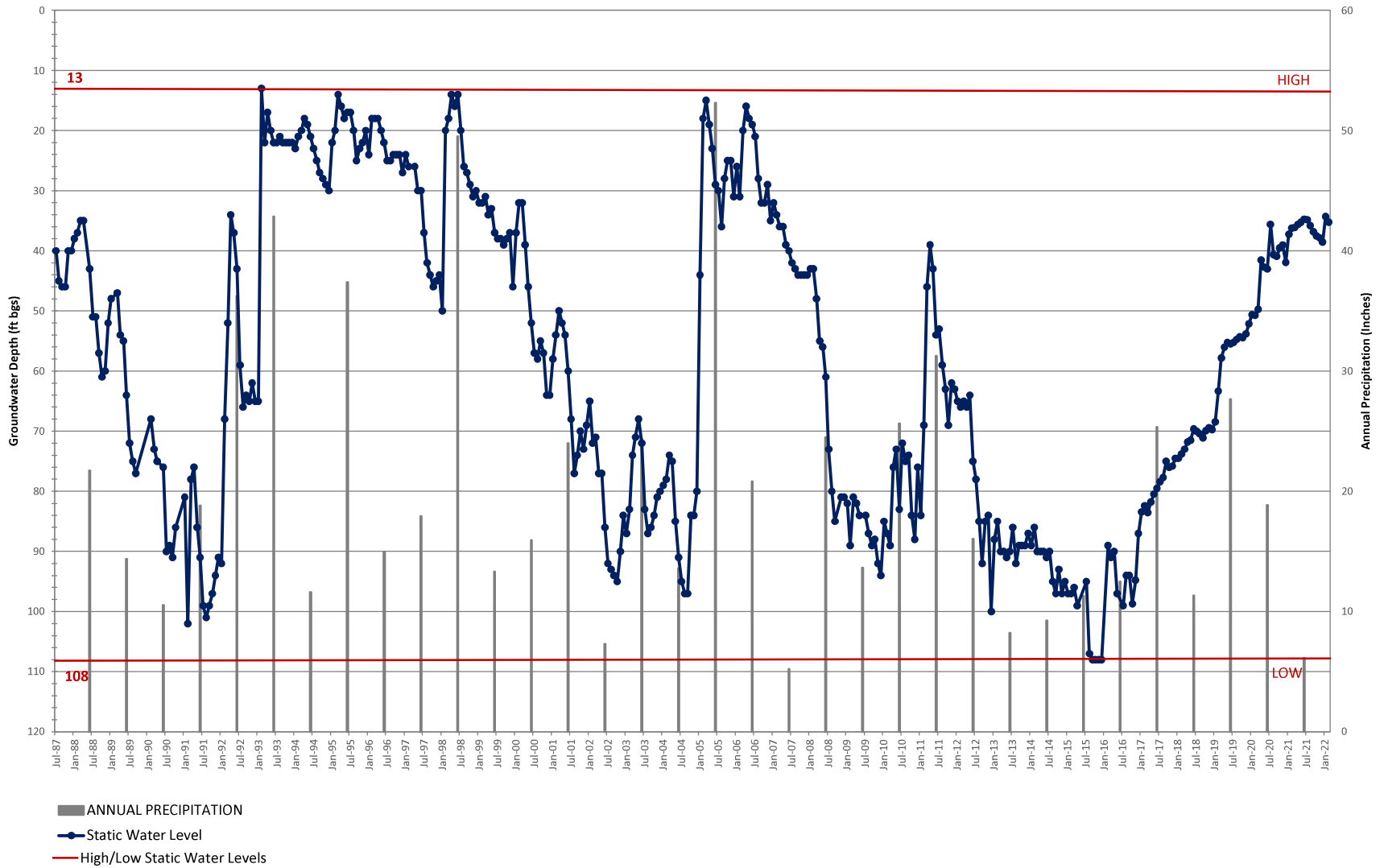
SCV WATER WELL SANTA CLARA
 STATIC WATER LEVEL VS PRECIPITATION



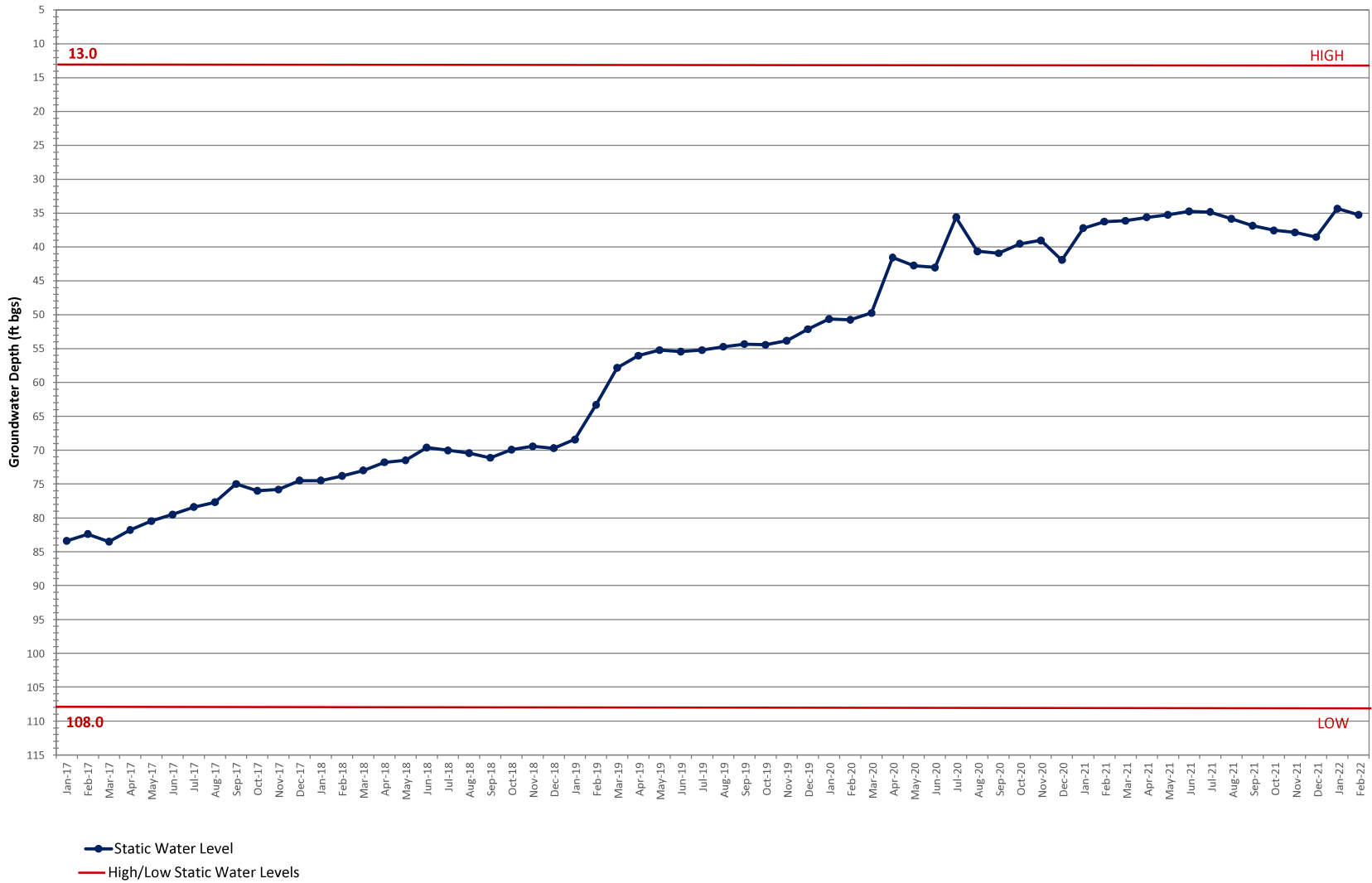
SCV WATER WELL SANTA CLARA
 STATIC WATER LEVEL



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



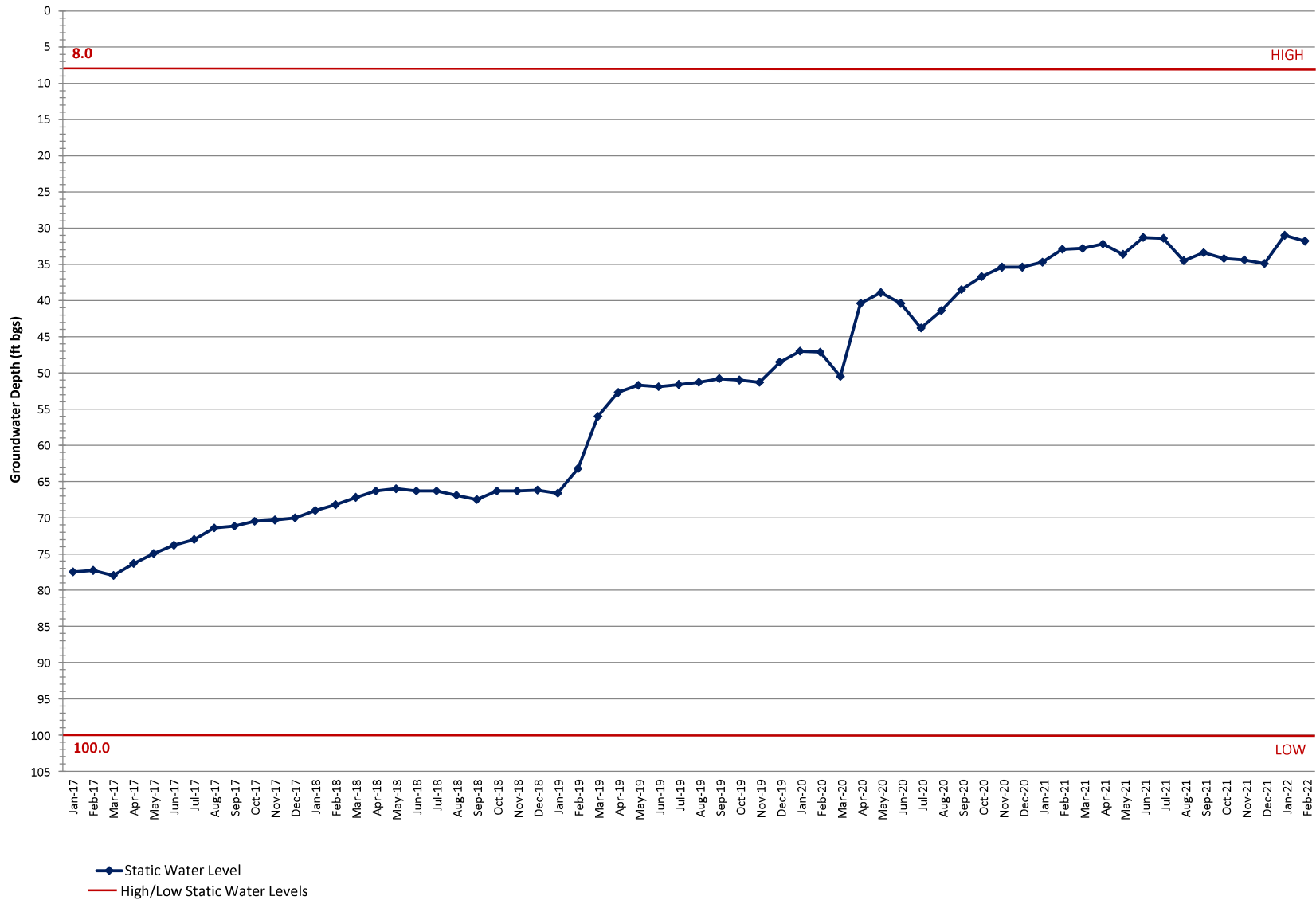
SCV WATER WELL NORTH OAKS CENTRAL #8
STATIC WATER LEVEL



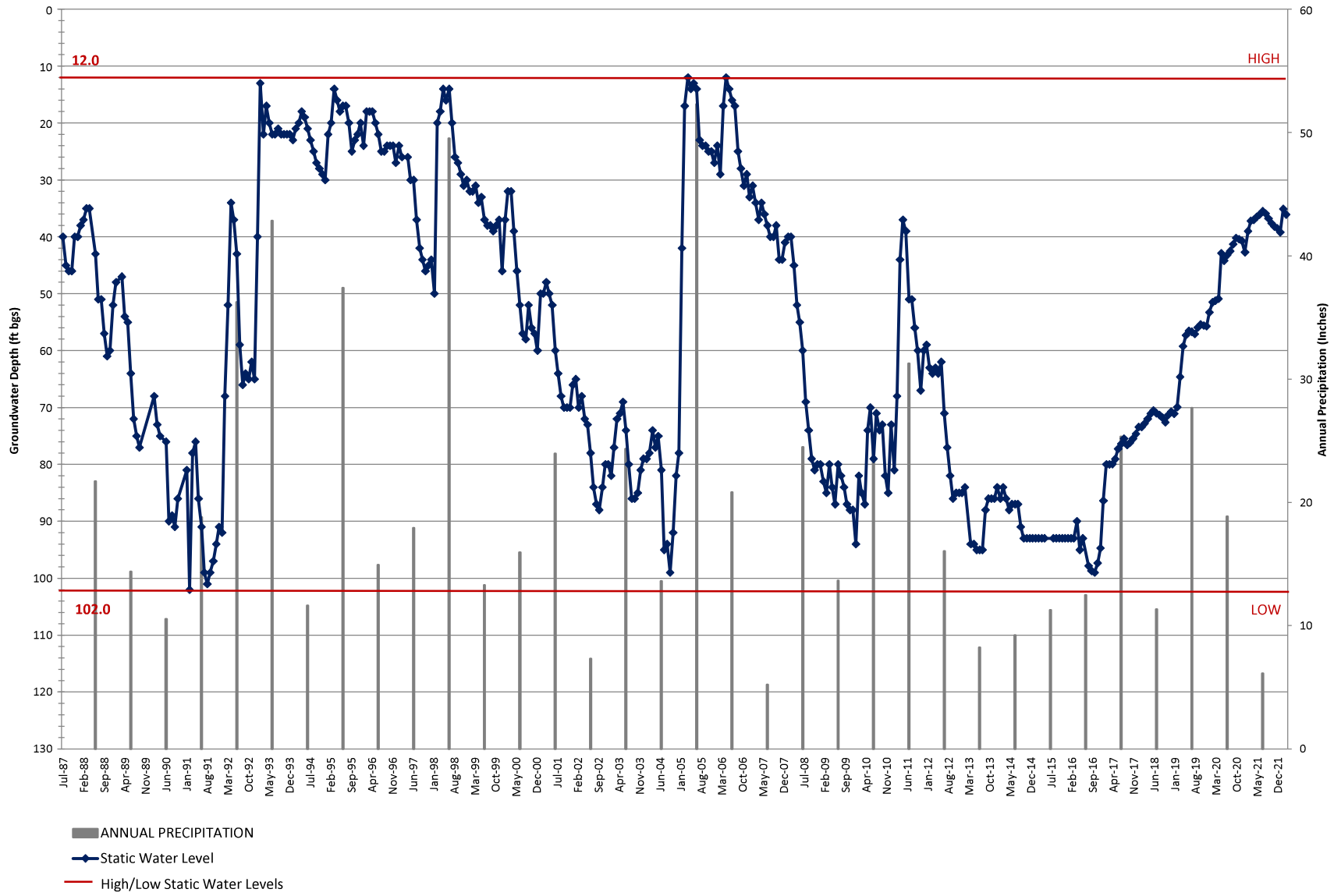
SCV WATER WELL NORTH OAKS WEST #9
 STATIC WATER LEVEL VS PRECIPITATION



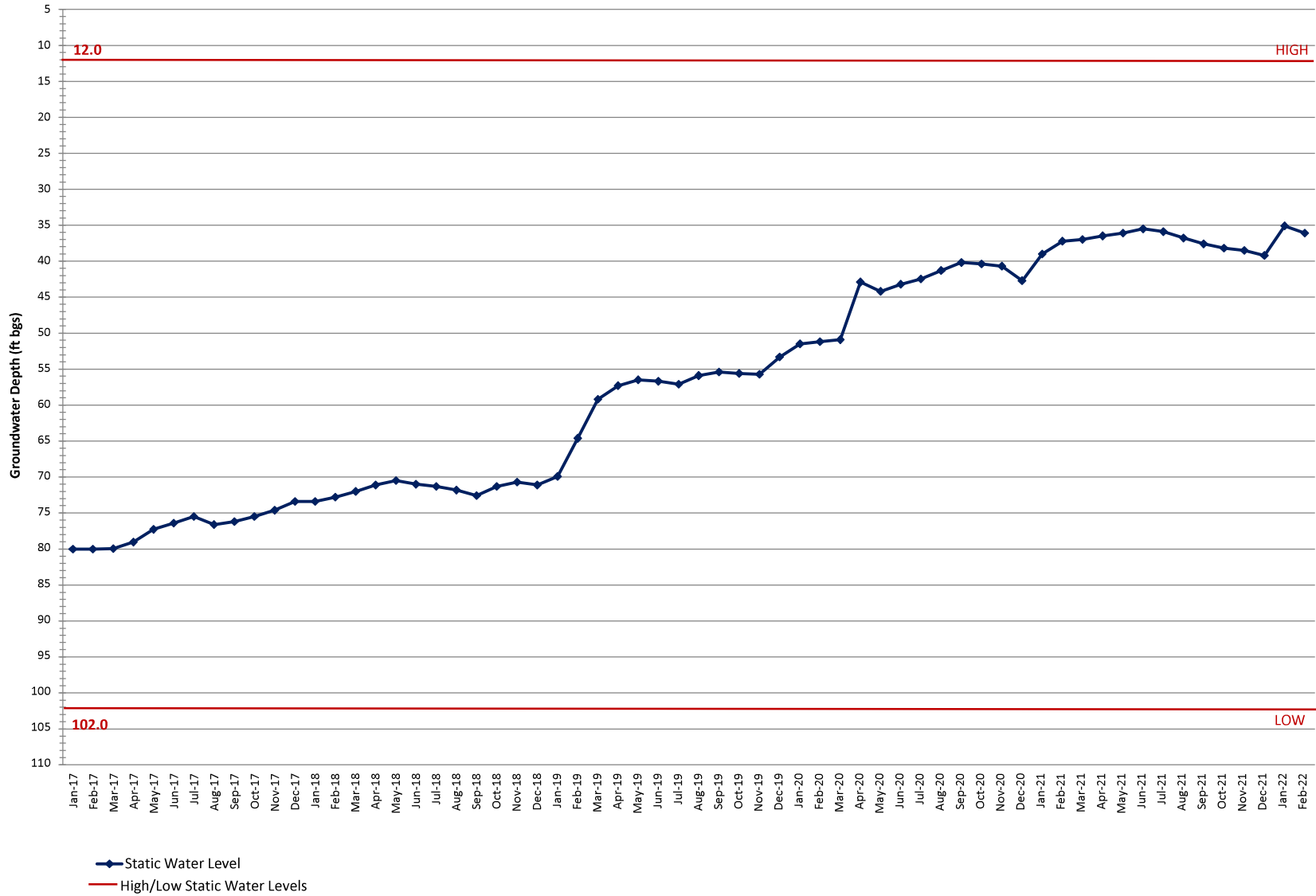
SCV WATER WELL NORTH OAKS WEST #9
STATIC WATER LEVEL



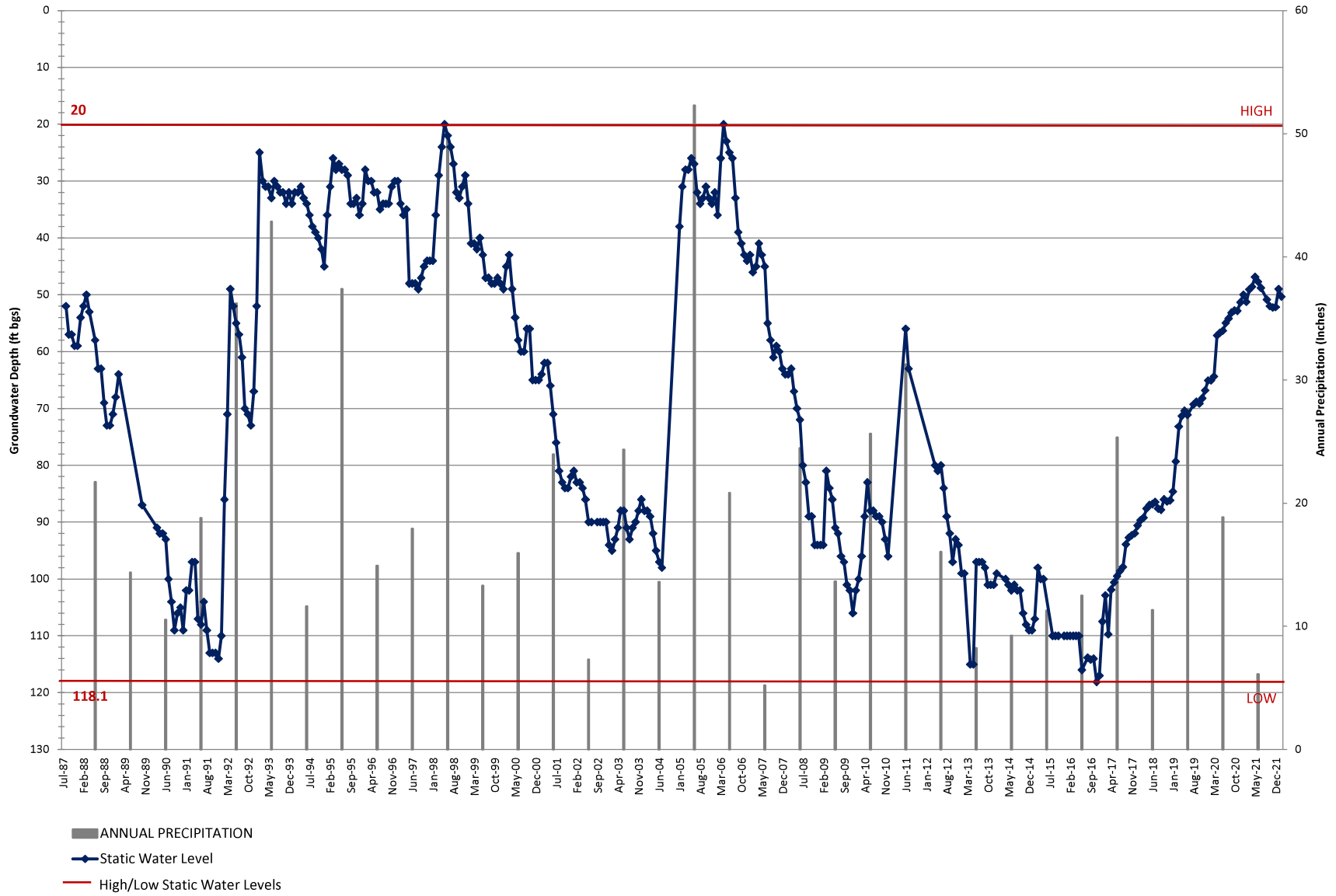
SCV WATER WELL NORTH OAKS EAST #7
 STATIC WATER LEVEL VS PRECIPITATION



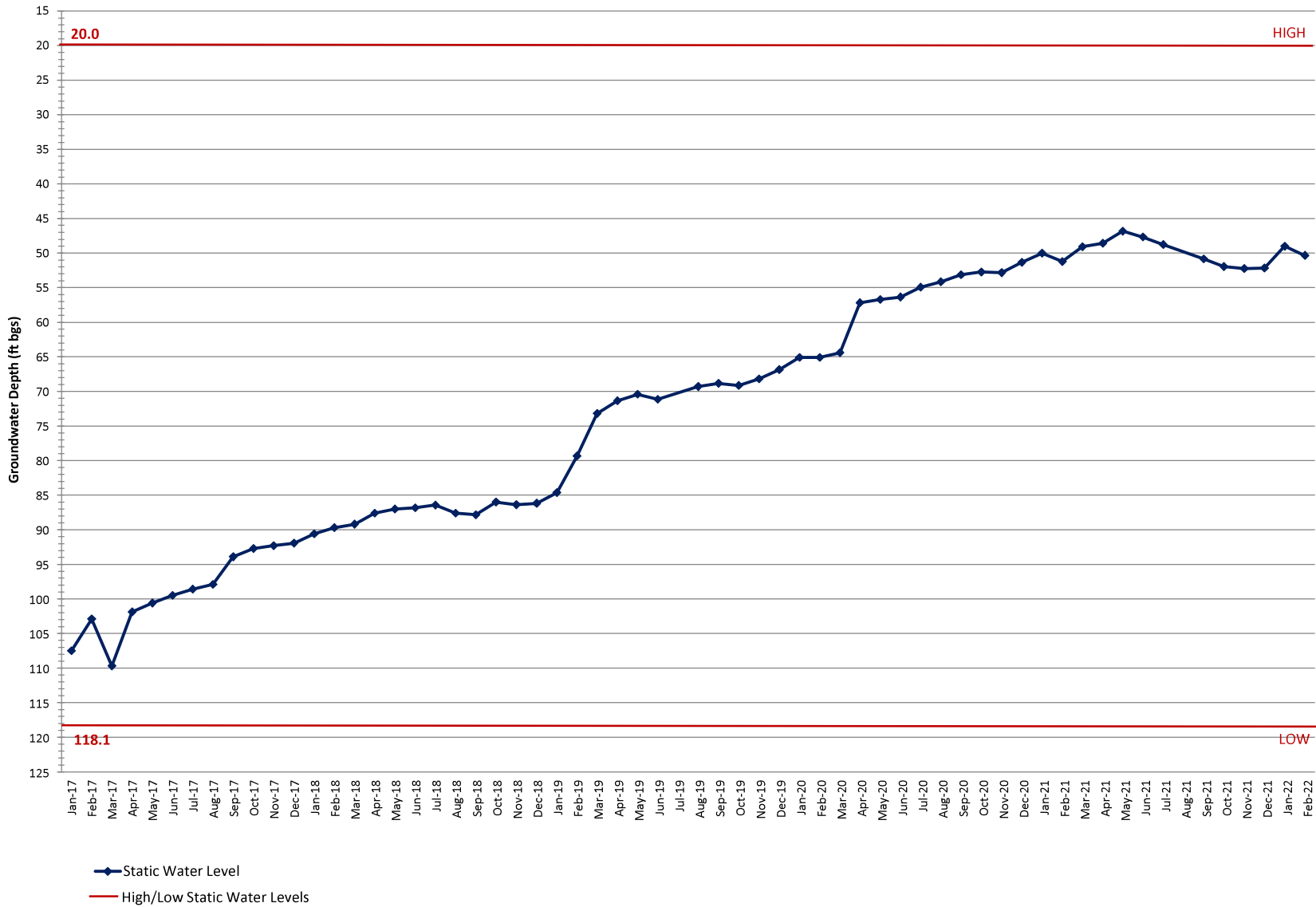
SCV WATER WELL NORTH OAKS EAST #7
 STATIC WATER LEVEL



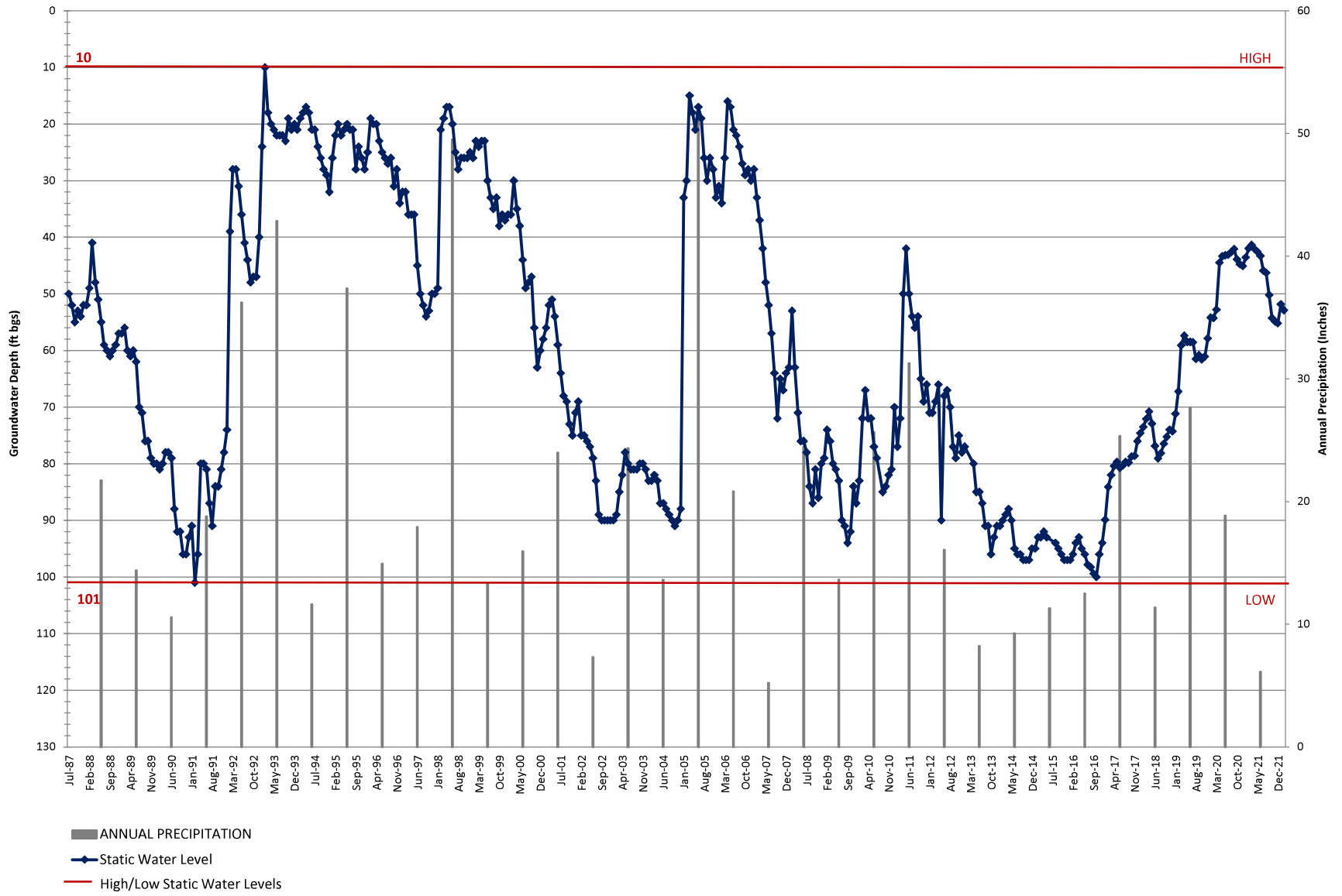
SCV WATER WELL SIERRA #6
 STATIC WATER LEVEL VS PRECIPITATION



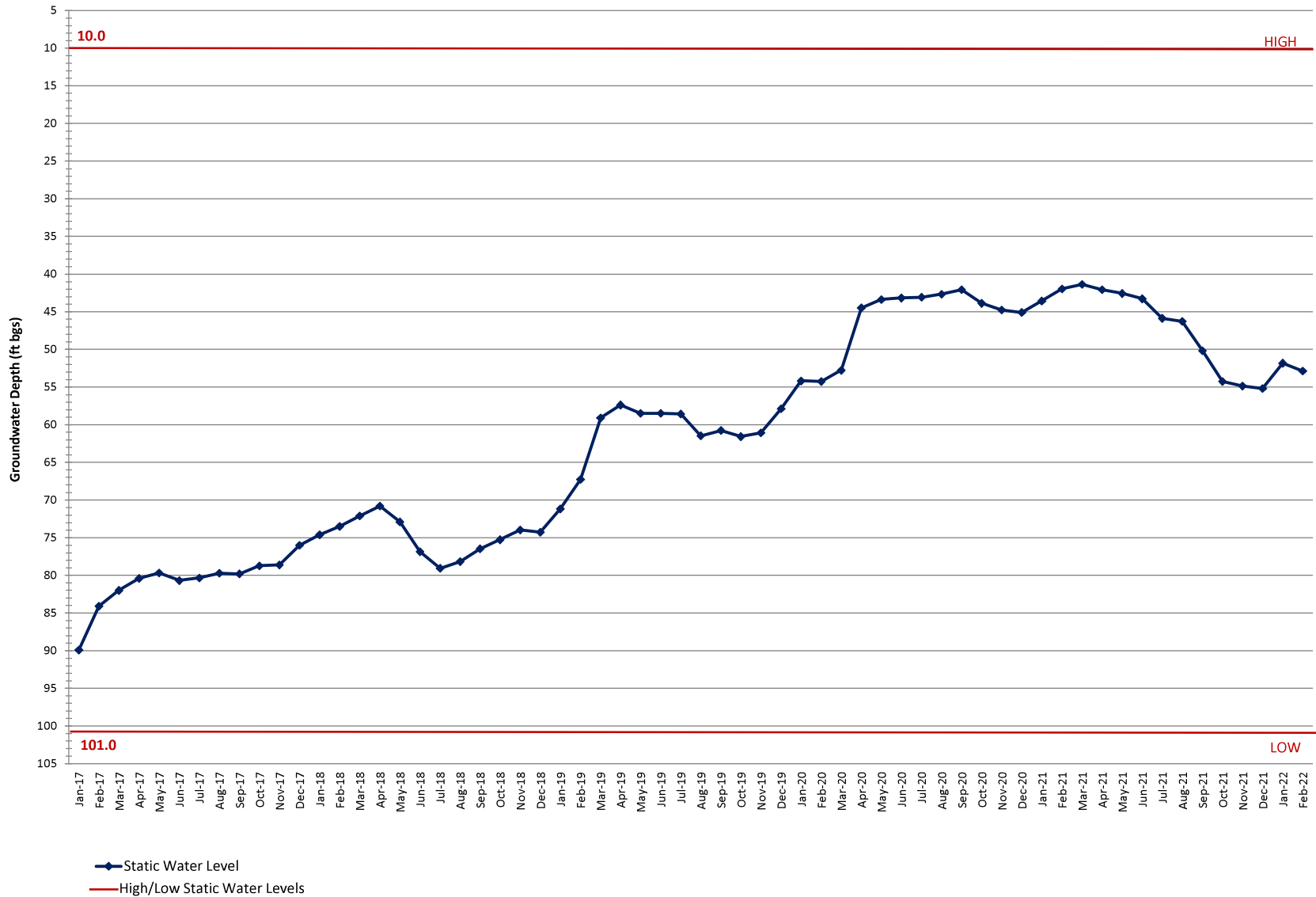
SCV WATER WELL SIERRA #6
STATIC WATER LEVEL



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



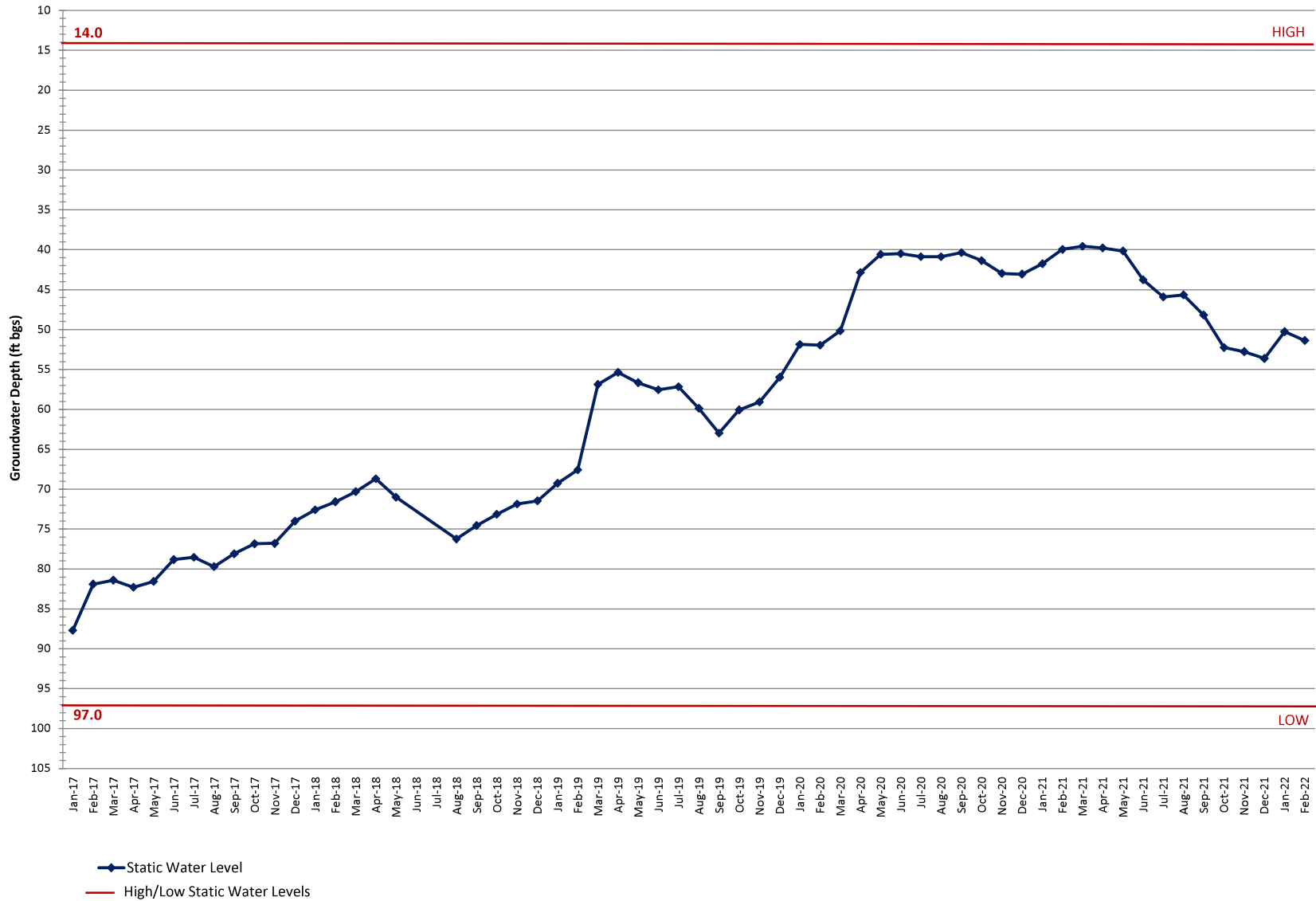
SCV WATER WELL MITCHELL #5A
 STATIC WATER LEVEL



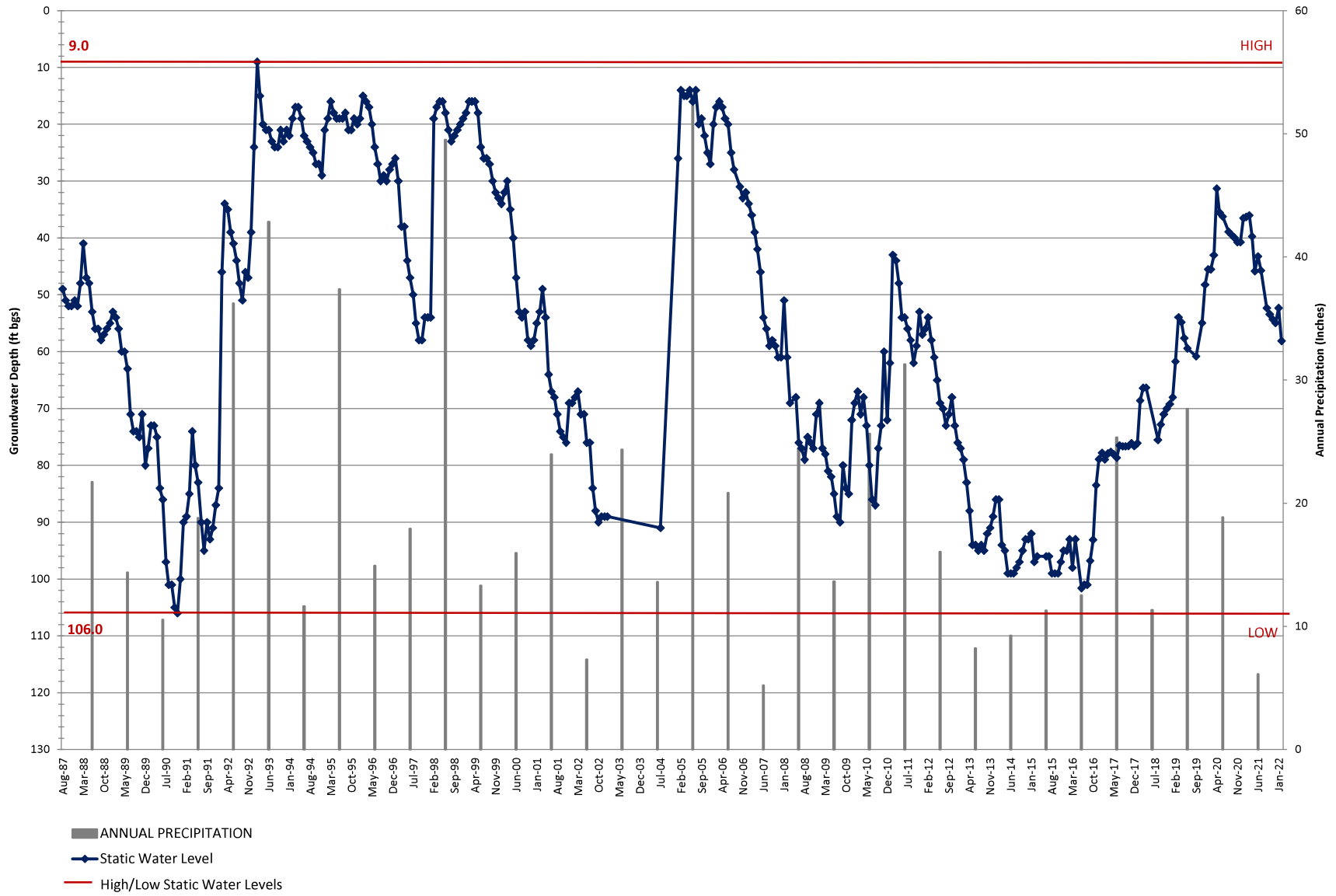
SCV WATER WELL MITCHELL #5B
 STATIC WATER LEVEL VS PRECIPITATION



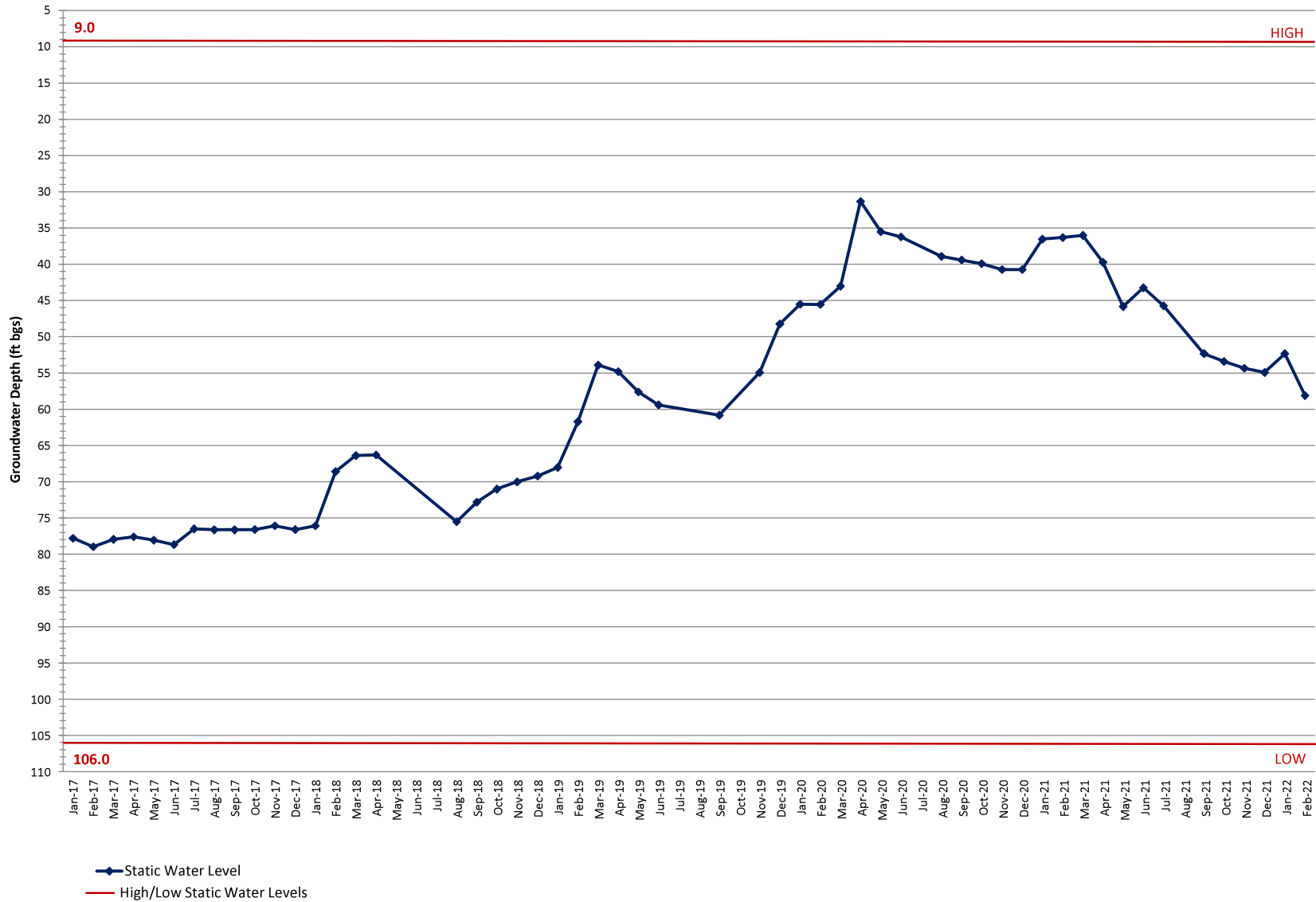
SCV WATER WELL MITCHELL #5B
 STATIC WATER LEVEL



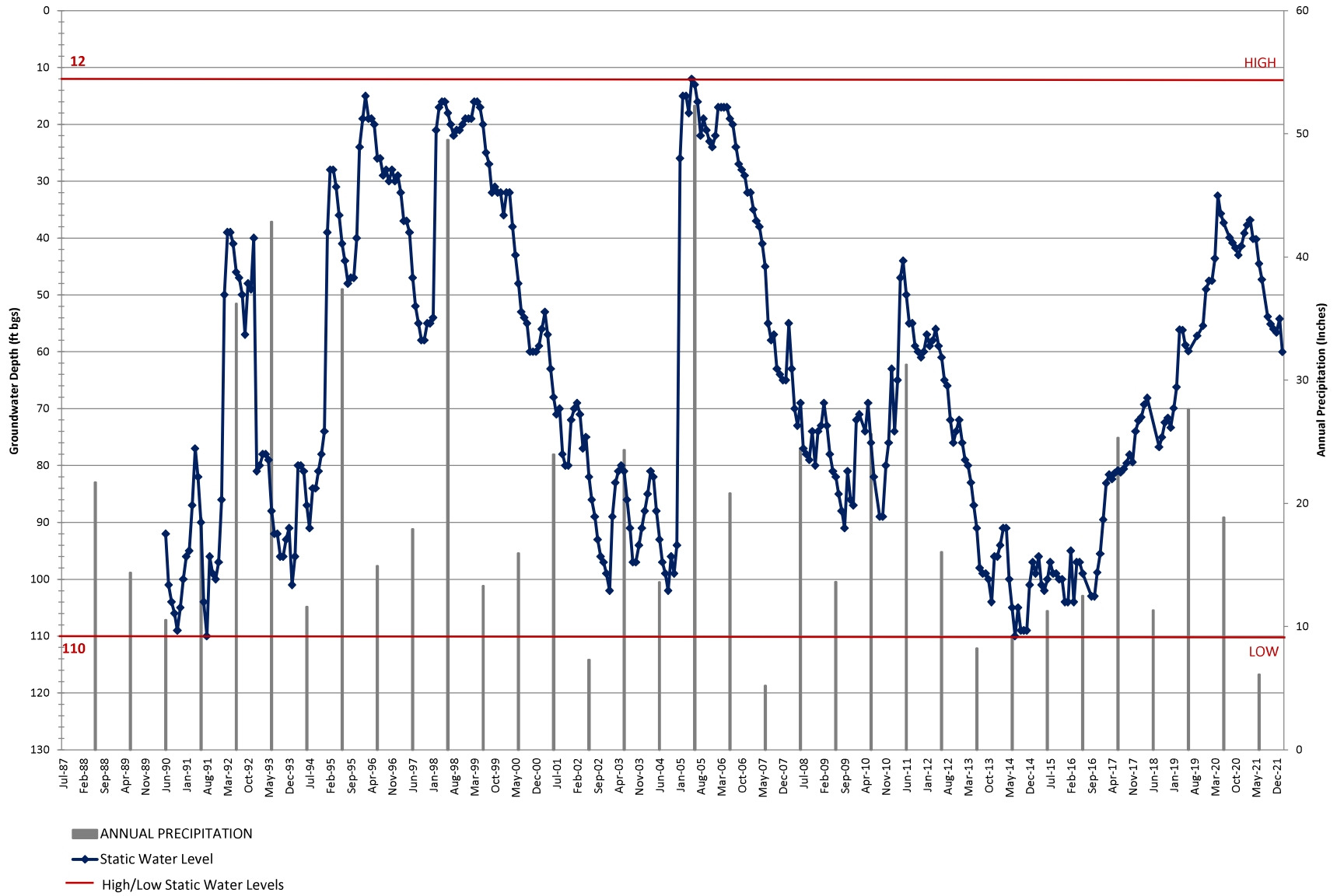
SCV WATER WELL SAND CANYON #3
 STATIC WATER LEVEL VS PRECIPITATION



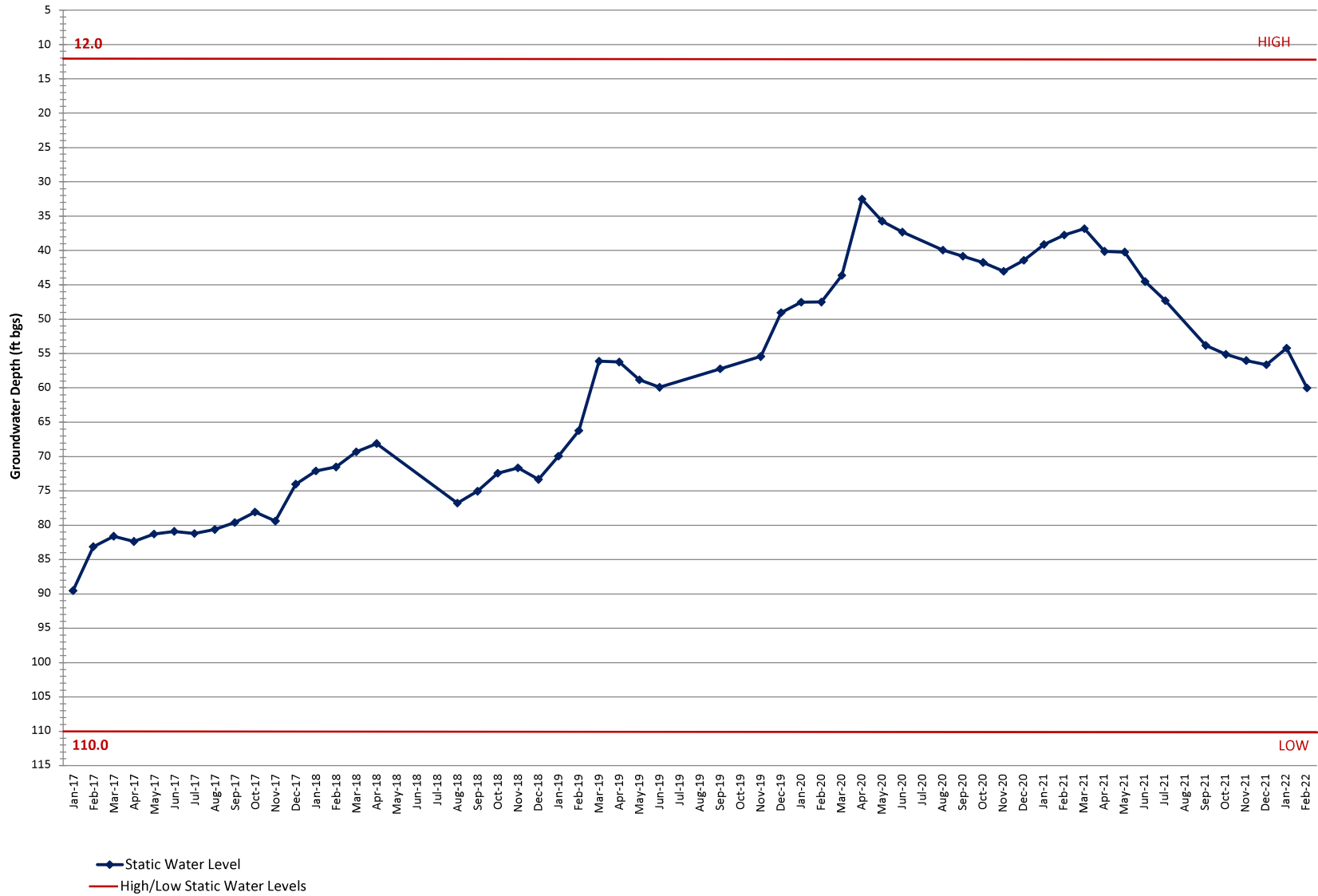
SCV WATER WELL SAND CANYON #3
STATIC WATER LEVEL



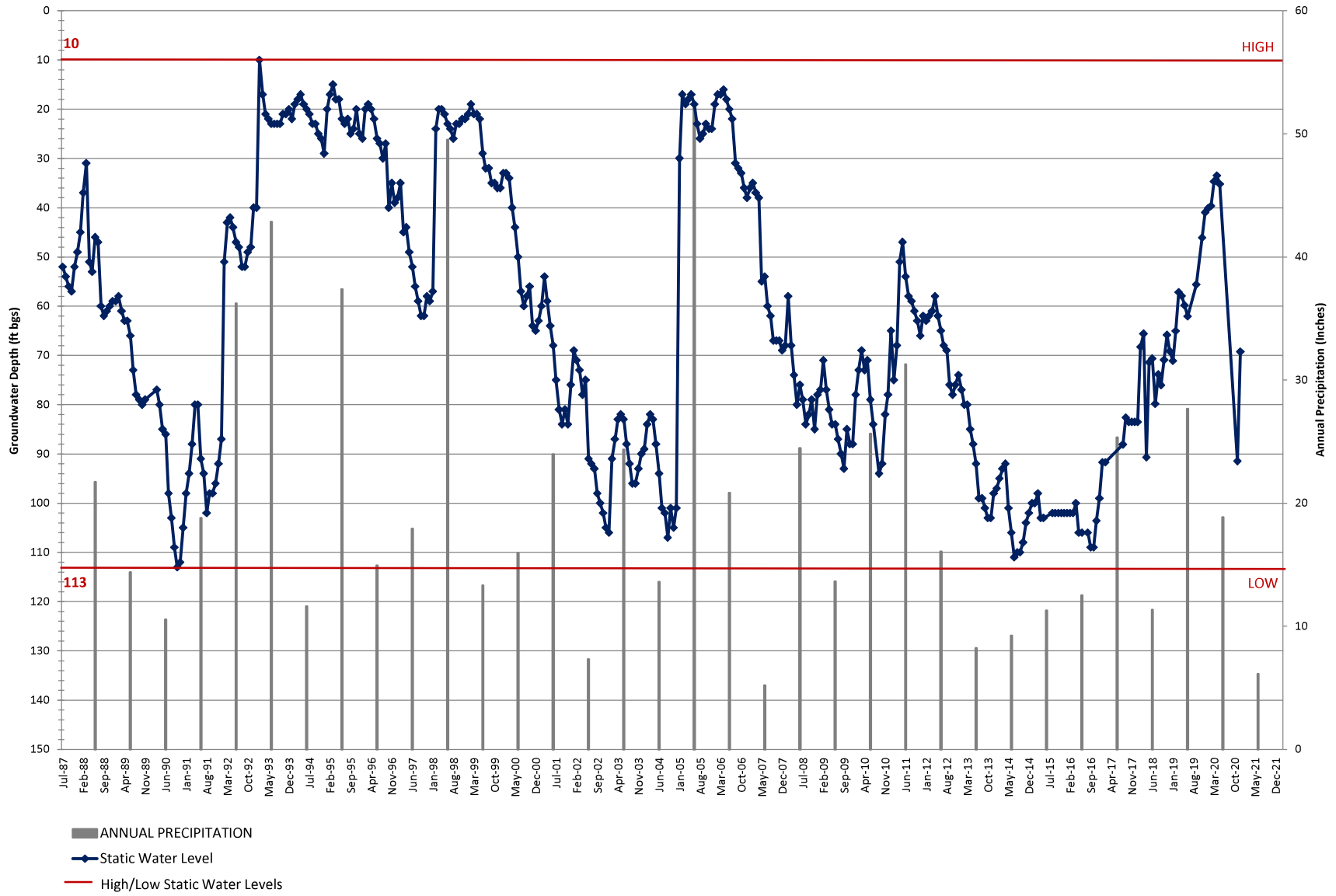
SCV WATER WELL LOST CANYON #2A
 STATIC WATER LEVEL VS PRECIPITATION



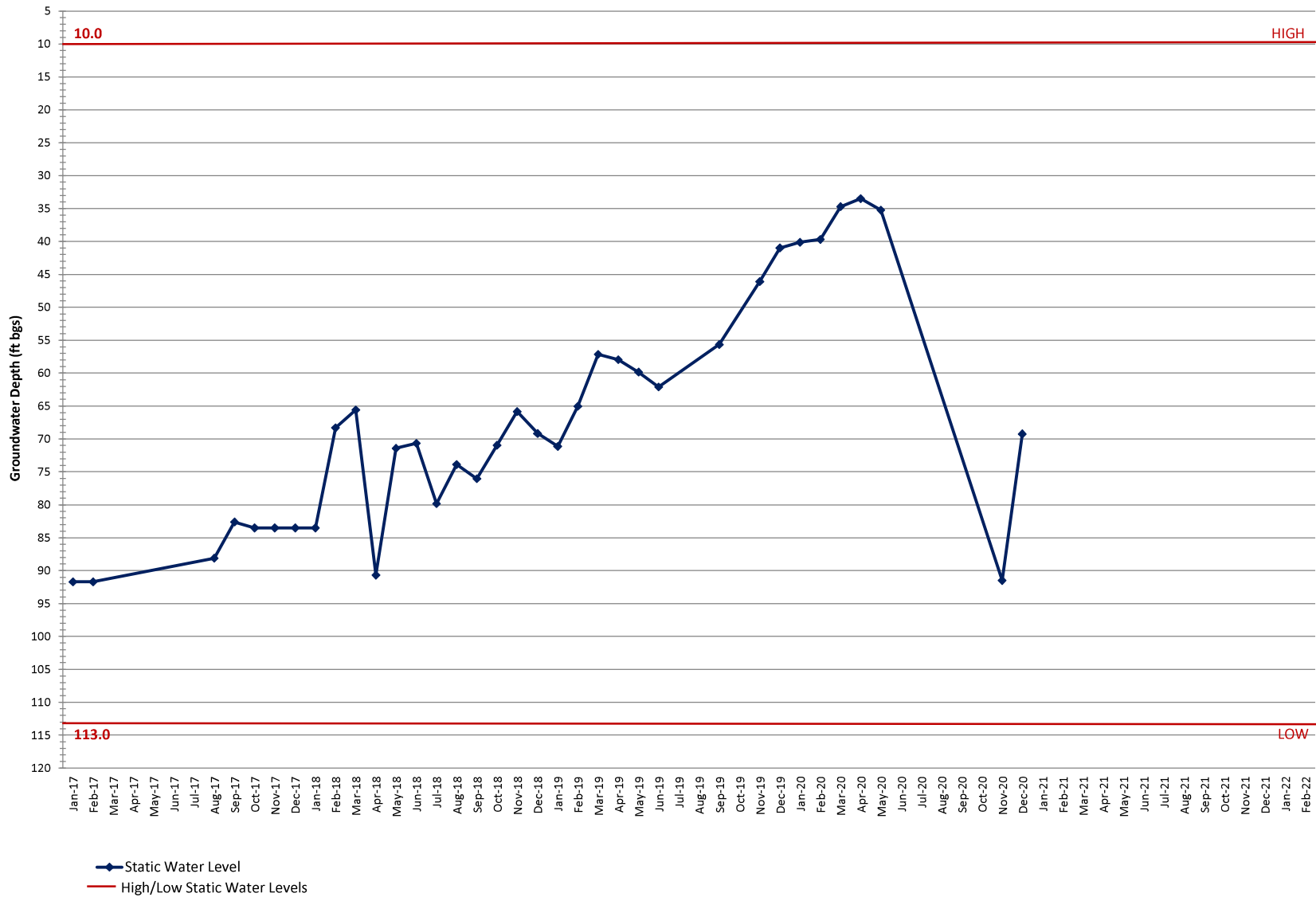
SCV WATER WELL LOST CANYON #2A
 STATIC WATER LEVEL



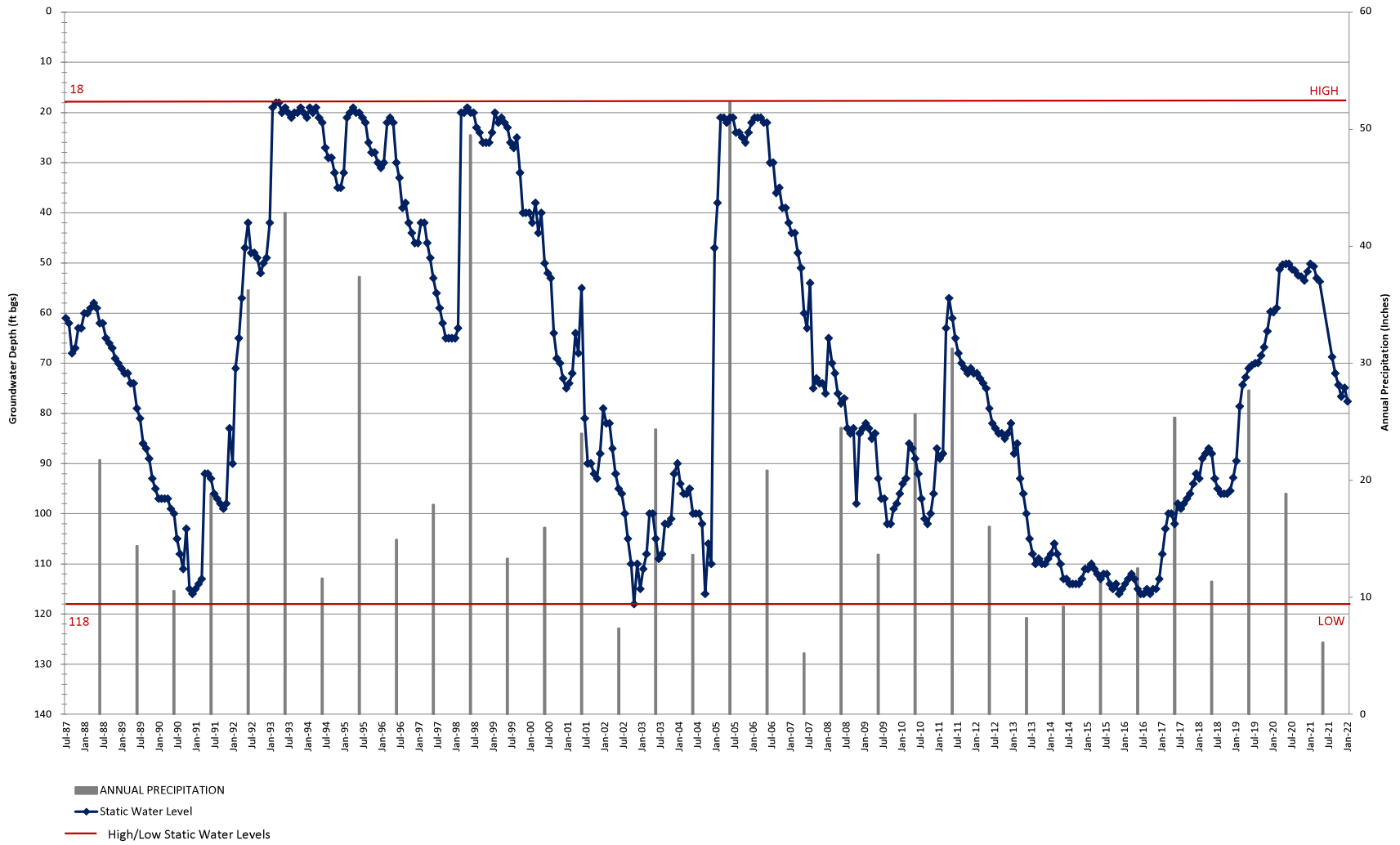
SCV WATER WELL LOST CANYON #2
 STATIC WATER LEVEL VS PRECIPITATION



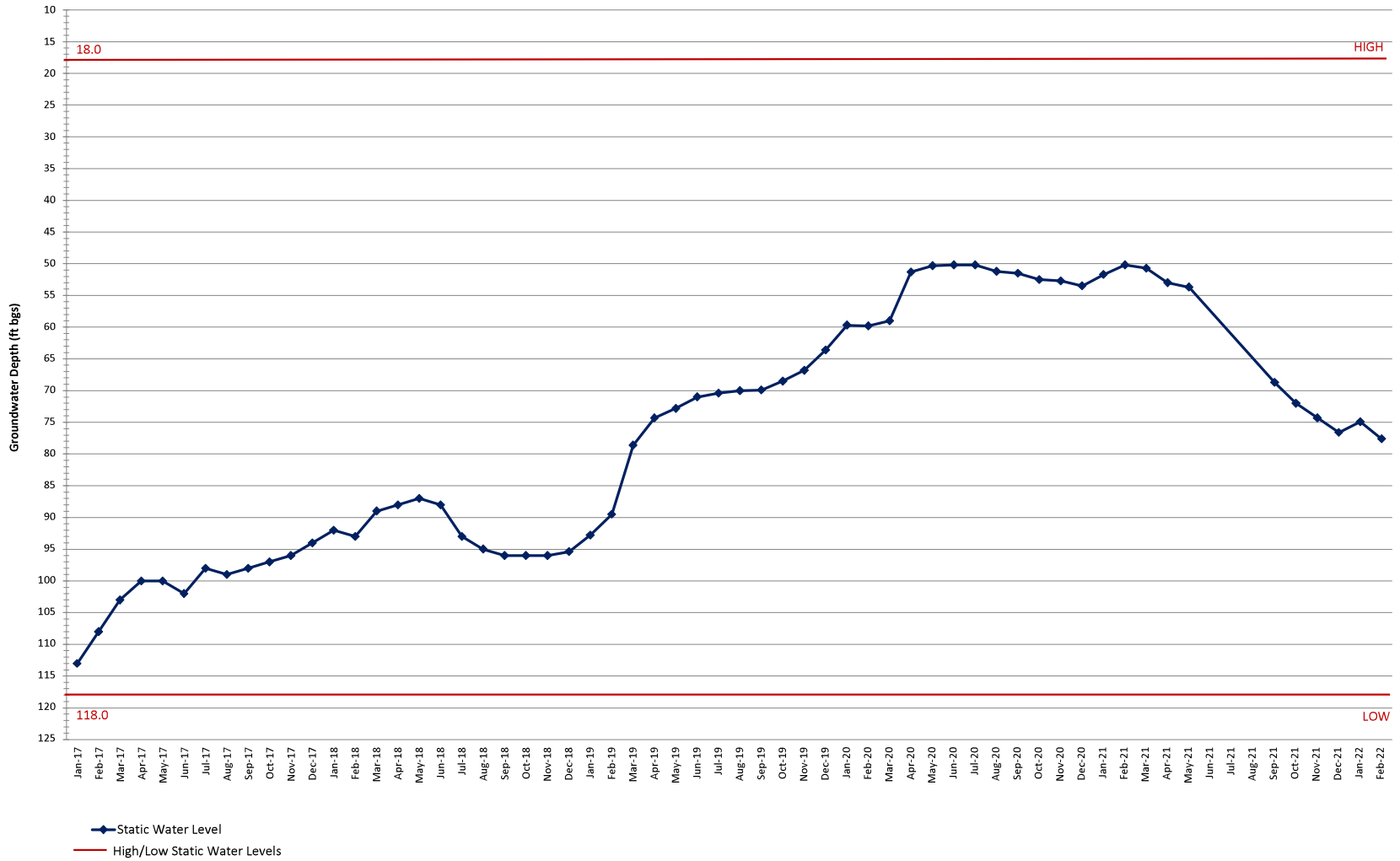
SCV WATER WELL LOST CANYON #2
STATIC WATER LEVEL



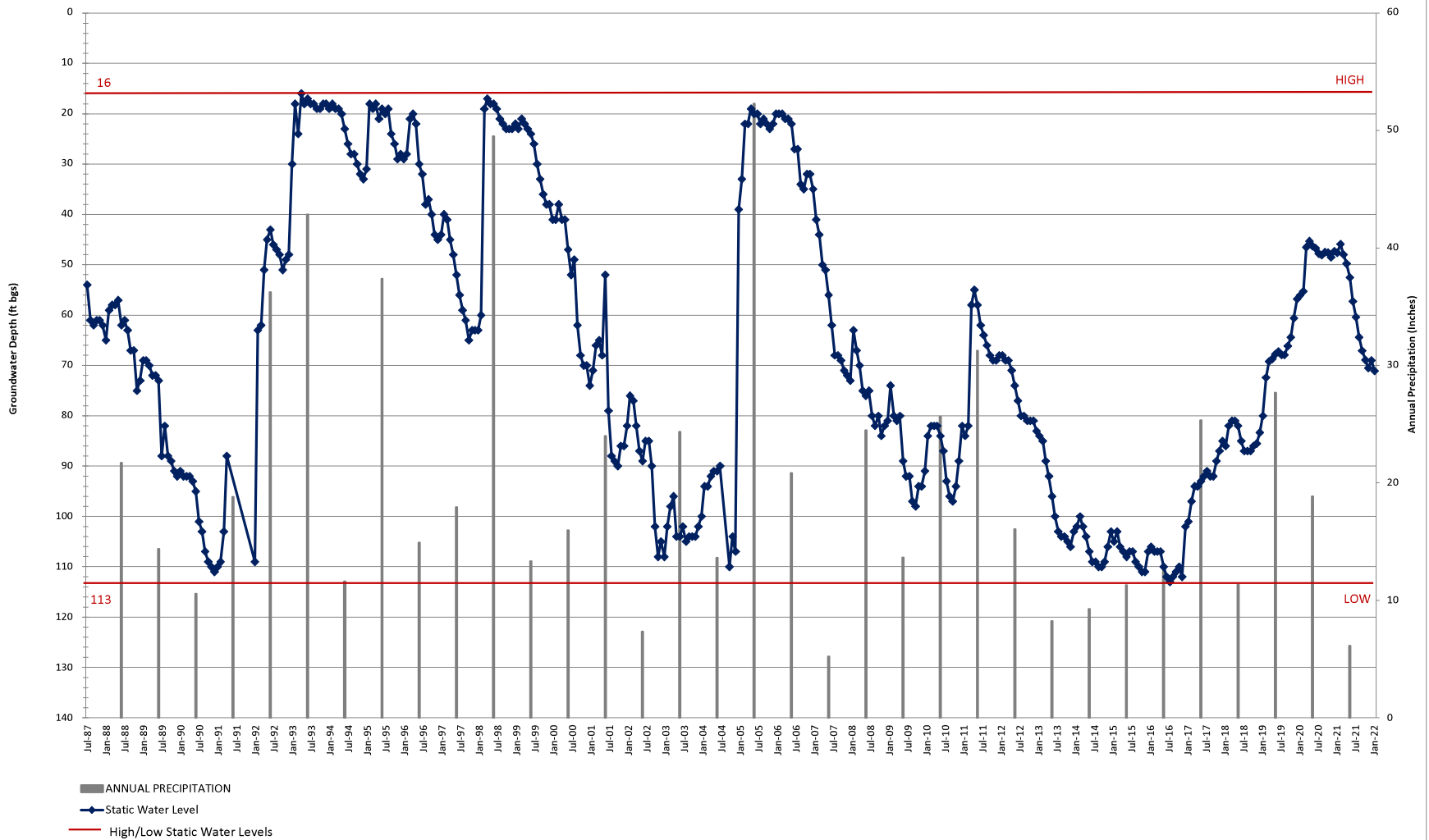
SCV WATER WELL P3
 STATIC WATER LEVEL VS PRECIPITATION



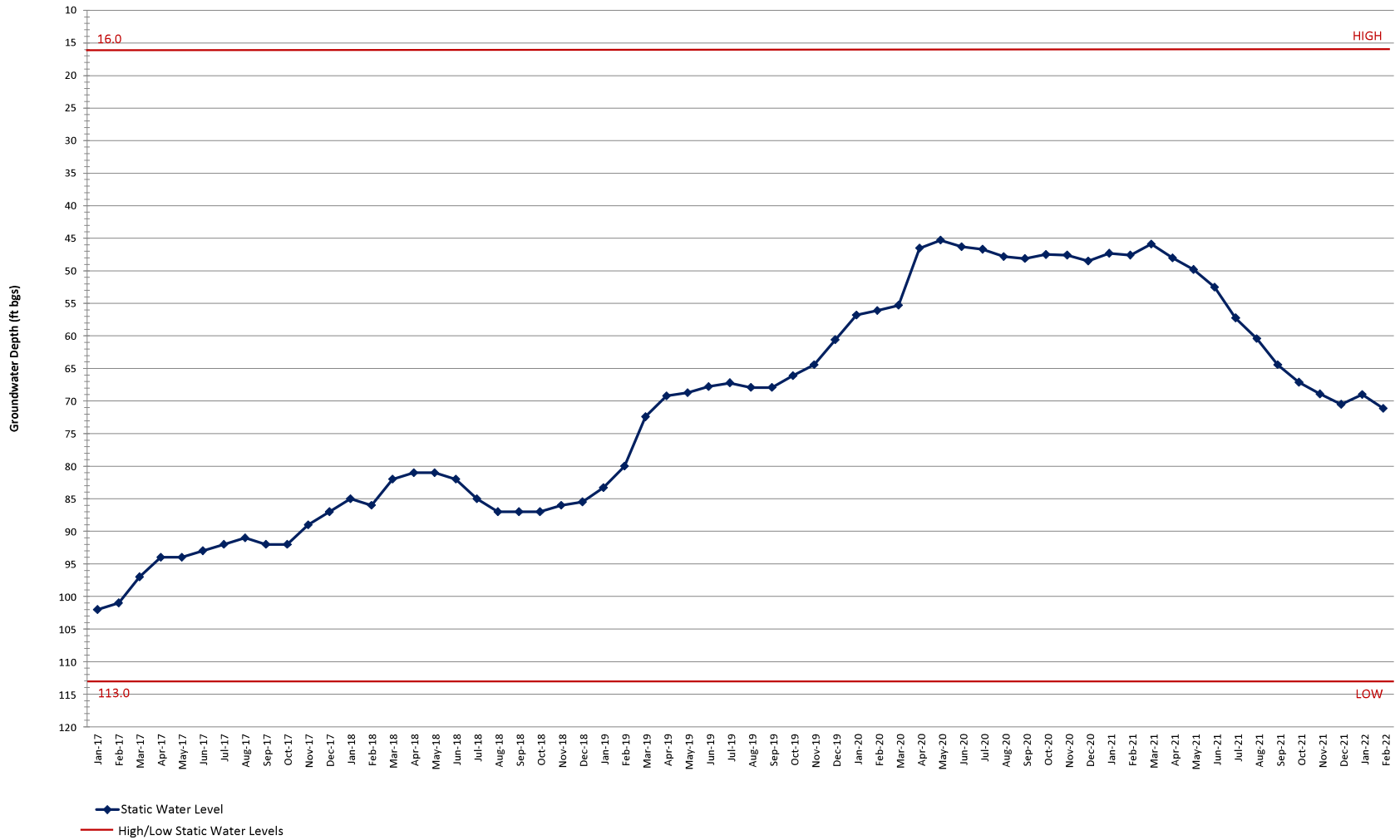
SCV WATER WELL P3
STATIC WATER LEVEL



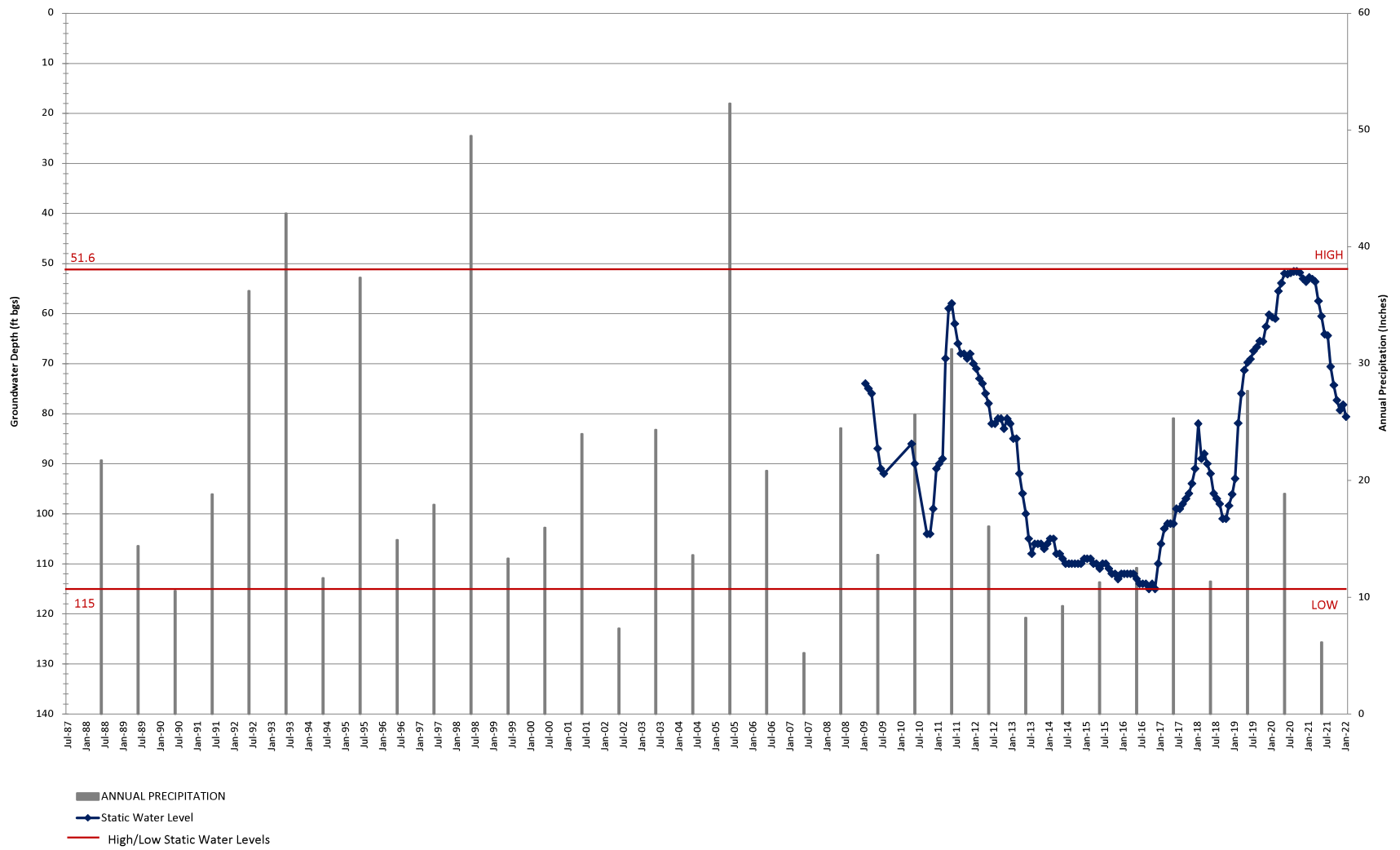
SCV WATER WELL P4
 STATIC WATER LEVEL VS PRECIPITATION



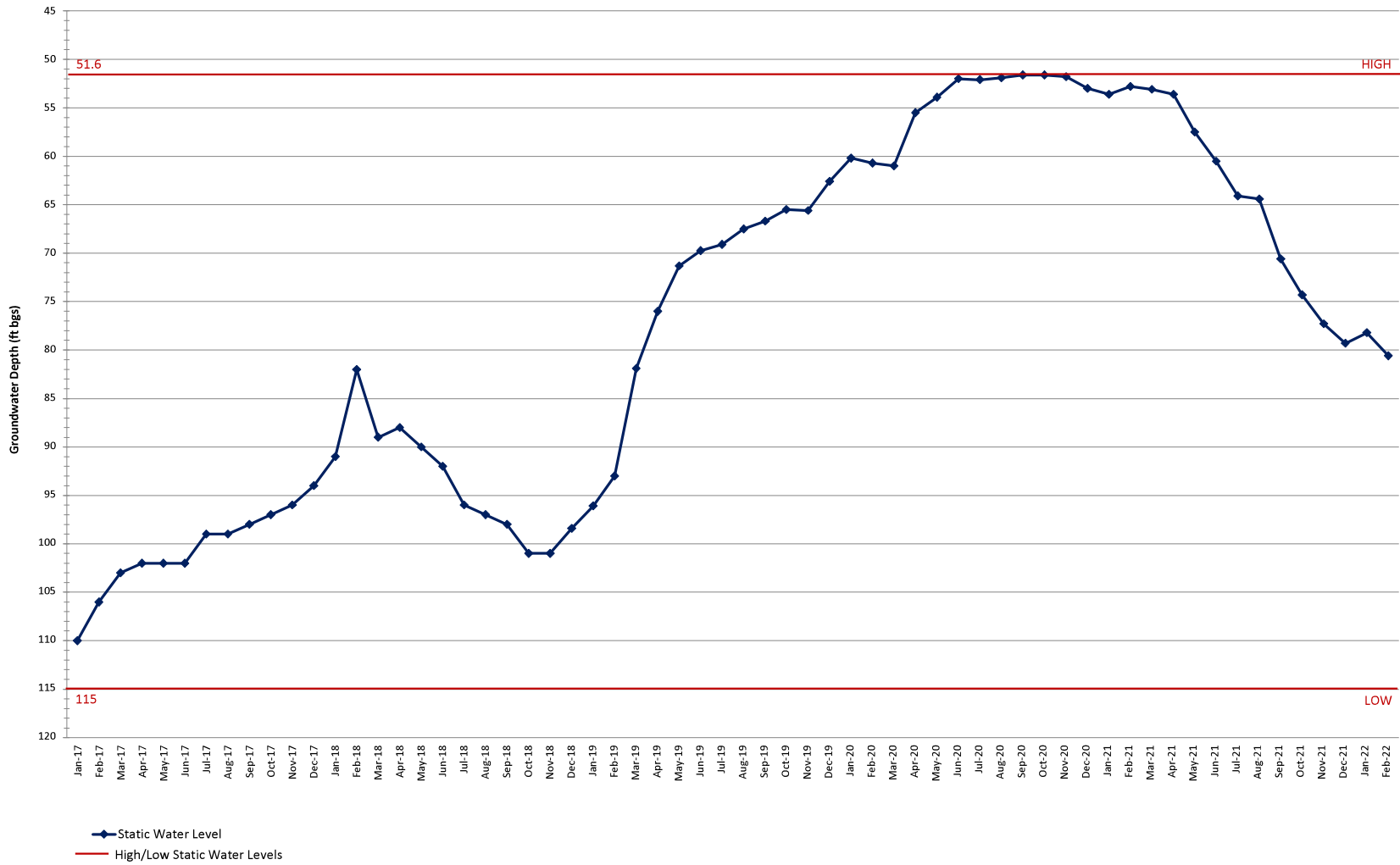
SCV WATER WELL P4
STATIC WATER LEVEL



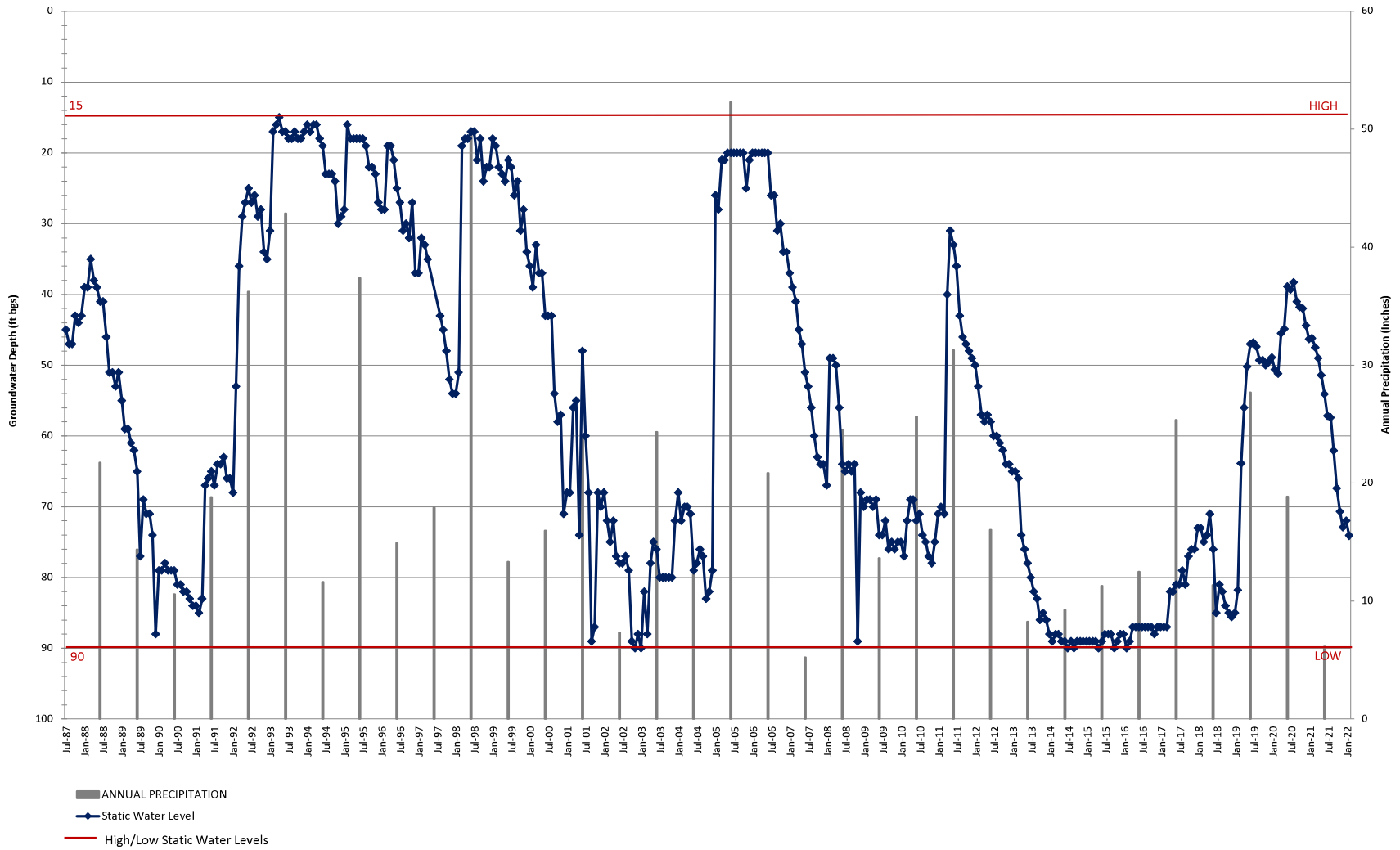
SCV WATER WELL P5
 STATIC WATER LEVEL VS PRECIPITATION



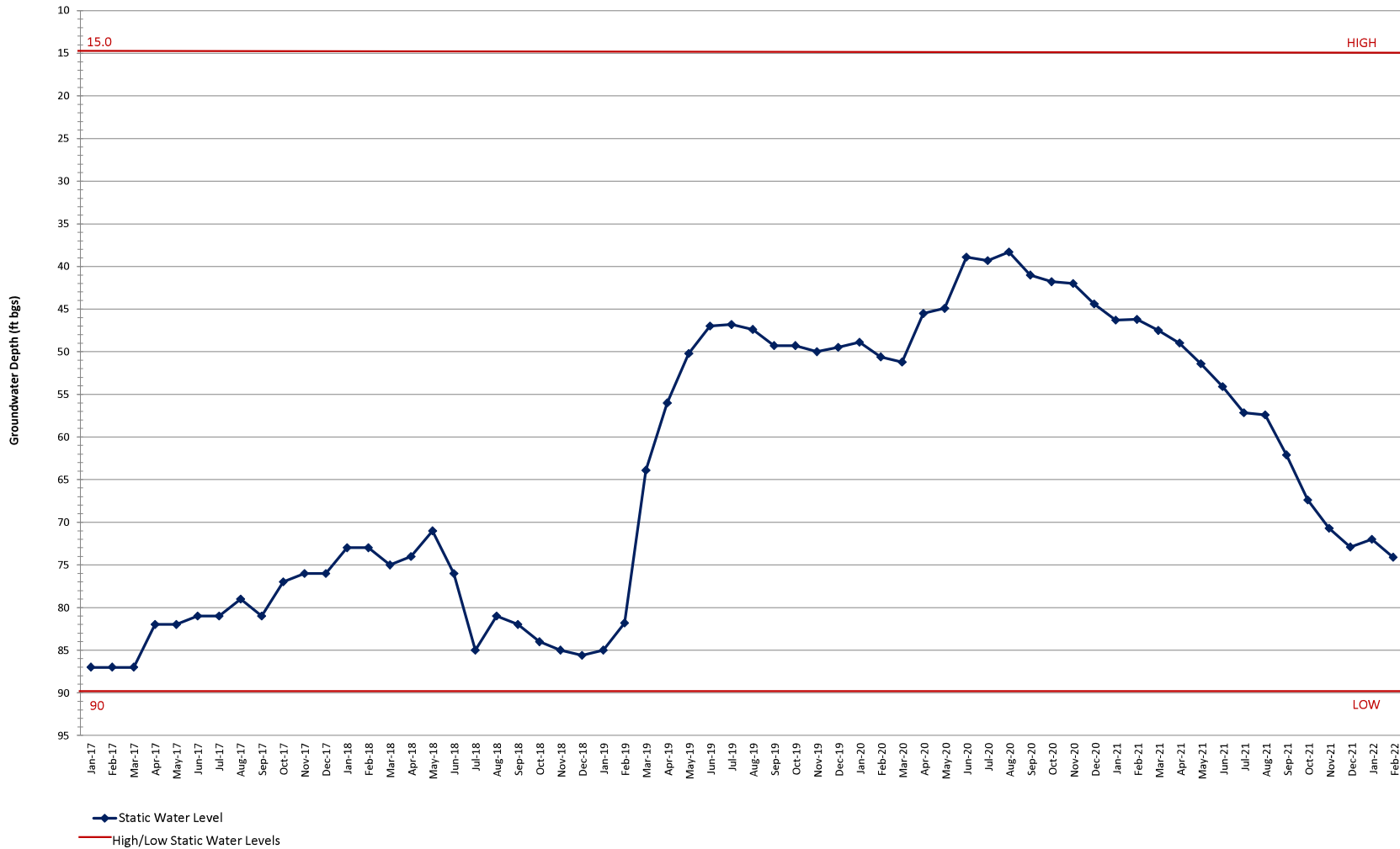
SCV WATER WELL P5
STATIC WATER LEVEL



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 March 15, 2022**

Project	Contractor	Original Contract Amount	Change Orders to Date	% Change Orders	Current Contract Amount	Scheduled Completion	Estimated % of Work Completed	Status
ESFP Standby Generator	NoHo Constructors	\$463,000	\$0	0%	\$463,000	May 1, 2022	85%	Construction is in progress.
Vista Canyon (Phase 2B) Recycled Water Tanks	Pacific Tank and Construction, Inc.	\$3,906,870	\$363,316.95	9.08%	\$4,270,186.95	May 16, 2022	78%	Construction is in progress.
Vista Canyon Recycled Water Main Extension (Phase 2B)	Ferreira Construction Co, Inc.	\$2,752,982	(\$168,872)	(6.1%)	\$2,584,110	May 19, 2022	85%	Pipelines in roadways are complete. Contractor to install pipeline across Lost Canyon Bridge in April/May 2022.
Commerce Center Drive Pipeline	FivePoint / Blois Construction, Inc.	\$891,139.70	\$0	0%	\$891,139.70	June 1, 2022	99%	Construction is in progress.
Magic Mountain Pipeline Phase 4	FivePoint / Toro Enterprises	\$3,084,725	\$284,991.38	9.23%	\$3,369,716.38	June 1, 2022	94%	Construction is in progress.
Magic Mountain Pipeline Phase 5	FivePoint / Toro Enterprises	\$3,269,978.85	\$0	0%	\$3,269,978.85	June 1, 2022	90%	Construction is in progress.
Magic Mountain Pipeline Phase 6A	FivePoint / Toro Enterprises	\$7,168,844.85	\$0	0%	\$7,168,844.85	June 30, 2022	70%	Construction is in progress.
Magic Mountain Pipeline Phase 6B	FivePoint / Leatherwood Construction	\$4,568,687.07	\$0	0%	\$4,568,687.07	June 30, 2022	88%	Construction is in progress.

Project	Contractor	Original Contract Amount	Change Orders to Date	% Change Orders	Current Contract Amount	Scheduled Completion	Estimated % of Work Completed	Status
Valley Center Well PFAS Groundwater Treatment Improvements Material Purchase	Evoqua Water Technologies, LLC.	\$512,802	\$0	0%	\$512,802	June 30, 2022	90%	Material delivery complete. Start-up services on-hold, pending site construction work to be complete.
Valley Center Well PFAS Groundwater Treatment Improvements Site Construction	GSE Construction Company, Inc.	\$2,996,800	\$0	0%	\$2,996,800	June 30, 2022	60%	Construction is in progress.
Santa Clara & Honby Wells PFAS Groundwater Treatment Improvements Material Purchase	Aqueous Vets	\$814,050	\$0	0%	\$814,050	November 3, 2022	10%	Material submittals are in progress.
Pitchess Pipeline Modifications	Los Angeles County Metropolitan Transportation Authority	\$159,000	\$0	0%	\$159,000	May 2024	0%	Pipeline modifications scheduled to start around February 2024

Engineering and Operations Committee
Planning Calendar
FY 2021/22

	Item	Jul 1 Comm	Aug 3 Board	Aug 5 Comm	Aug 17 Board	Sep 2 Comm	Sep 7 Board	Oct 5 Board	Oct 7 Comm	Oct 19 Board	Nov 2 Board	Nov 4 Comm	Nov 16 Board	Dec 7 Board	Dec 9 Comm	Dec 21 Board	Jan 4 Board	Jan 6 Comm	Jan 18 Board	Feb 1 Board	Feb 3 Comm	Feb 15 Board	Mar 1 Board	Mar 3 Comm	Mar 15 Board	Apr 5 Board	Apr 7 Comm	Apr 19 Board	Apr 26 Board	May 12 Comm	May 17 Board	Jun 2 Comm	Jun 7 Board	Jun 21 Board	Jul 5 Board		
1	Monthly Committee Planning Calendar	C																																			
2	CIP Construction Status Report	C																																			
3	Monthly Operations and Production Report	C																																			
4	Third Party Funded Agreements Quarterly Report			C																							P										
5	Quarterly Safety Program Presentation			C																																	
6	Annual Safety Program Update (FY 20-21)						C																														
7	Fleet Regulatory Update																																				
8	Review Proposed FY 2022/23 Major Capital Projects																																				
9	Cell Sites Program Presentation																																				
10	Recommend Approval to Authorize General Manager to Execute Reimbursement Agreement with City of Santa Clarita for Eligible Portions of Golden Valley Pipeline to New Sheriff Station	C	C																																		
11	Recommend Approval of a Resolution Awarding a Purchase Order for Additional Final Design Services for Phase 2C South End Recycled Water Main Extension	C	C																																		
12	Recommend Approval of Decoro Drive Pavement Repair			C	C																																
13	Recommend Approval of Purchase of IX Resin for the N Wells PFAS Treatment System			C	C																																
14	Approve a Resolution Authorizing Santa Clarita Valley Water Agency to Provide Water Quality Laboratory Testing Services to the State of California Department of Water Resources		C																																		
15	Recommend Approval of a Three-Year Annual Service Contract for the Liquid Chromatography Tandem Mass Spectrometer (LCMSMS)						C		C																												
16	Recommend Approval of a Resolution for a Construction Contract with NoHo Constructors for the Earl Schmidt Filtration Plant (ESFP) Standby Generator Project									C	C																										
17	Recommend Adopting a Resolution Authorizing SCV Water to Apply for Funding from the Drinking Water State Revolving Fund (DWSRF) and to Execute a Financing Agreement for Groundwater Contamination Treatment Projects with the State Water Resources Control Board									C		C																									
18	Recommend Approval of a Resolution Authorizing the General Manager to Apply for Grant Funding Under the Federal Bureau of Reclamation WaterSmart Water Energy Efficiency Grant Program (WEEG) for an Automated Metering Infrastructure Project												C	C																							
19	Recommend Approval to Purchase Approximately 5,000 AMI Compatible Meters												C	C																							
20	Recommend Adopting a Resolution Authorizing SCV Water to Execute a Financing Agreement with the State Water Resources Control Board for the Los Angeles Residential Community Pipeline Project												C		C																						
21	Recommend Approval of a Resolution Authorizing a Purchase Order to Lee & Ro, Inc. for Final Design Services for Rio Vista Water Treatment Plant (RVWTP) Underground Storage Tank (UST) Replacement Project												C		C																						
22	Recommend Approval of a Resolution Awarding a Contract for Fairway Water Storage Tank Coating Project														C	C																					
23	Recommend Adopting a Resolution Authorizing the General Manager to Apply for Grant Funding Under the 2021 Urban and Multibenefit Drought Relief Program and Execute a Grant Agreement with the Department of Water Resources for the Saugus Wells 3 & 4 (Replacement Wells) Well Equipment and Site Improvement Project														C		C																				

C = Completed Item
P = Planned Item

**Engineering and Operations Committee
Planning Calendar
FY 2021/22**

	Item	Jul 1 Comm	Aug 3 Board	Aug 5 Comm	Aug 17 Board	Sep 2 Comm	Sep 7 Board	Oct 5 Board	Oct 7 Comm	Oct 19 Board	Nov 2 Board	Nov 4 Comm	Nov 16 Board	Dec 7 Board	Dec 9 Comm	Dec 21 Board	Jan 4 Board	Jan 6 Comm	Jan 18 Board	Feb 1 Board	Feb 3 Comm	Feb 15 Board	Mar 1 Board	Mar 3 Comm	Mar 15 Board	Apr 5 Board	Apr 7 Comm	Apr 19 Board	Apr 26 Board	May 12 Comm	May 17 Board	Jun 2 Comm	Jun 7 Board	Jun 21 Board	Jul 5 Board	
24	Recommend Approval of a Resolution Awarding a Materials Purchase Contract for the Santa Clara and Honby Wells PFAS Groundwater Treatment Project with Aqueous Vets														C		C																			
25	Recommend Adopting a Resolution Authorizing the General Manager to Apply for Grant Funding Under the 2021 Urban and Multibenefit Drought Relief Program and Execute a Grant Agreement with the Department of Water Resources for the Santa Clara and Honby Wells PFAS Groundwater Treatment Site Construction Project																C																			
26	Recommend Approval of a Resolution to Execute a License Agreement with UNAVCO for Geodetic Monitoring Station Site License Agreement on SCV Water Property and Designating SCV Water Authorized Representative																	C		C																
27	Recommend Approval of a Resolution Authorizing a Purchase Order to Kennedy/Jenks Consultants for Final Design Services for the Well 201 Volatile Organic Compounds Groundwater Treatment Improvements Project																	C		C																
28	Recommend Approval of Resolution Awarding Construction Contract for Commerce Center Tanks 1 and 2 Exterior Recoat																					C	C													
29	Recommend Approval of Pipeline Improvements Associated with Pinetree Booster Station #3																					C	C													
30	Recommend Approval of a Purchase Order for the Final Design of the T7, U4 and U6 PFAS Treatment System, Saugus 1 and Saugus 2 VOC Treatment System and Disinfection Facility at the Rio Vista Intake Pump Station.																					C		C												
31	Recommend Adopting a Resolution Approving Funding for the Construction of the Pitchess Pipeline Modifications during I-5 Improvements in North County Project to the Los Angeles County Metropolitan Transportation Authority																					C		C												
32	Recommend Approval of Revisions to the Board of Directors Policies and Procedures to Update the Section Regarding General Manager Authority to Accept and Convey Interests in Real and Personal Property																					C		C												
33	Recommend Approval of a Resolution for a Construction Contract to Zim Industries, Inc., a Purchase Order to Richard C. Slade & Associates LLC for Inspection and Engineering Services during Construction and a Purchase Order to Black & Veatch Corporation for Construction Management Services for the Saugus #3 and #4 Wells Construction (Replacement Wells) Project																							C		P										
34	Recommend Approval of (1) a Resolution for Construction Contract with Pacific Hydrotech Corporation; and (2) a Purchase Order to Woodard & Curran, Inc. for Construction Management and Inspection Services; and (3) a Purchase Order to Lee & Ro, Inc. for Engineering Services During																										P	P								
35	Recommend Approval of a Change Order for the Fairway Water Storage Tank Coating Project																										P	P								
36	Recommend Adopting a Resolution Authorizing the General Manager to Apply for Grant Funding Under the Bureau of Reclamation Watersmart Title XVI WIIN Act Water Reclamation and Reuse Projects for the Recycled Water Expansion Project																										P	P								

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P = Planned Item

**Engineering and Operations Committee
Planning Calendar
FY 2021/22**

	Item	Jul 1 Comm	Aug 3 Board	Aug 5 Comm	Aug 17 Board	Sep 2 Comm	Sep 7 Board	Oct 5 Board	Oct 7 Comm	Oct 19 Board	Nov 2 Board	Nov 4 Comm	Nov 16 Board	Dec 7 Board	Dec 9 Comm	Dec 21 Board	Jan 4 Board	Jan 6 Comm	Jan 18 Board	Feb 1 Board	Feb 3 Comm	Feb 15 Board	Mar 1 Board	Mar 3 Comm	Mar 15 Board	Apr 5 Board	Apr 7 Comm	Apr 19 Board	Apr 26 Board	May 12 Comm	May 17 Board	Jun 2 Comm	Jun 7 Board	Jun 21 Board	Jul 5 Board			
37	Recommend Approval of the Replacement of 5,000 meters as part of the AMI Meter Replacement Program																										P		P									
38	Recommend Approval of Resolution Authorizing SCV Water to Execute Water Service Agreements with the Los Angeles Residential Community and Lily of the Valley Mobile Village																													P		P						
39	Recommend Approval to Fund Contractor Change Orders in Excess of Approved 10% Contingency, for the Phase 2B Recycled Water Tanks																													P				P				
40	Local Hazard Mitigation Plan																															P						
41	Recommend Approval of Resolution Awarding Construction Contract for Pipeline to Los Angeles Residential Community																																P					P
42	Recommend Approval of Construction of a New Skyline Ranch (Deane Zone) Pump Station and Cost Sharing Agreement with Developer																																	P				P
43	Recommend Approval of Construction of New Skyline Ranch 2.1 MG Tank (Deane Zone) and Cost Sharing Agreement with Developer																																	P				P
44	Recommend Approval of Resolution Adopting an Addendum to the EIR and Awarding a Purchase Order for Final Design Services for Magic Mountain Pump Station																																	P				P
45	Recommend Approval of Resolution Adopting an Addendum to the EIR and Awarding a Purchase Order for Final Design Services for Magic Mountain Reservoir																																	P				P
46	Recommend Approval of Resolution Awarding Construction Contract and Purchase Orders for Construction Management and Inspection Services and Engineering Services During Construction for Santa Clara and Honby Wells PFAS Groundwater Treatment Improvements																																	P				P
47	Recommend Approval of Construction of New Sand Canyon Plaza (Deane Zone) Pump Station and Cost Sharing Agreement with Developer																																					Moved to FY 2022/23
48	Recommend Approval of Design of Pipeline in Sierra Highway from Dockweiler to Newhall Avenue																																					Moved to FY 2022/23

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**Engineering and Operations Committee
Planning Calendar
FY 2022/23**

	Item	July 7 Comm	Aug 2 Board	Aug 4 Comm	Aug 16 Board	Sept 1 Comm	Sept 6 Board	Sept 20 Board	Oct 4 Board	Oct 6 Comm	Oct 18 Board	Nov 1 Board	Nov 3 Comm	Nov 15 Board	Dec 1 Comm	Dec 6 Board	Dec 20 Board	Jan 3 Board	Jan 5 Comm	Jan 17 Board	Feb 2 Comm	Feb 7 Board	Feb 21 Board	March 2 Comm	March 7 Board	March 21 Board	April 4 Board	April 6 Comm	April 18 Board	May 2 Board	May 4 Comm	May 16 Board	Jun 1 Comm	June 6 Board	June 20 Board	July 4 Board		
1	Monthly Committee Planning Calendar	P																																				
2	CIP Construction Status Report	P		P																																		
3	Monthly Operations and Production Report	P		P																																		
4	Third Party Funded Agreements Quarterly Report			P																																		
5	Quarterly Safety Program Presentation			P																																		
6	Annual Safety Program Update (FY 21-22)						P																															
7	General Report of Easements Report					P																																
8	Review Proposed FY 2023/24 Major Capital Projects																							P														
9	Recommend Adopting a Resolution Authorizing the General Manager to Execute a Reimbursable Agreement with the City of Santa Clarita for the Sierra Highway Bridge Expansion Water Pipelines Protection Project			P			P																															
22	Recommend Approval of Dickason Drive 14" PVC Replacement			P			P																															
10	Recommend Approval of Construction of Castaic Well 1 Drain Line					P			P																													
11	Recommend Approval of Resolution Awarding Construction Contract and Purchase Orders for Construction Management and Inspection Services and Engineering Services During Construction for the Well 201 Groundwater Treatment Project					P			P																													
23	Recommend Approval of Resolution Awarding Construction Contract and Purchase Orders for Construction Management and Inspection Services and Engineering Services During Construction for Valencia Market Place Pipeline Improvements					P			P																													
21	Recommend Approval of Resolution Awarding Construction Contract and Purchase Order for Construction Management and Inspection Services for Newhall Tanks 1 and 1A Stair Retrofit									P		P																										
12	Recommend Approval of Resolution Awarding a Purchase Order for Final Design Services for Well 205 Groundwater Treatment Improvements									P		P																										
13	Recommend Approval of Resolution Awarding Construction Contract and Purchase Orders for Construction Management and Inspection Services and Engineering Services During Construction for the Castaic Conduit River Crossing Project									P		P																										
14	Recommend Approval of Resolution Awarding Construction Contract and Purchase Orders for Construction Management and Inspection Services and Engineering Services During Construction for Recycled Water Fill Station												P		P																							
15	Recommend Approval of Resolution Awarding Construction Contract and Purchase Orders for Construction Management and Inspection Services and Engineering Services During Construction for RVWTP UST Replacement Project												P		P																							
16	Recommend Approval of Construction of New Sand Canyon Plaza 1.5 MG Tank (Deane Zone) and Cost Sharing Agreement with Developer																				P					P												
20	Recommend Approval of Resolution Awarding a Purchase Order for Final Design Services for Honby Tank Pipeline Improvements																					P					P											
17	Recommend Approval of Design of Pipeline in Sierra Highway from Dockweiler to Newhall Avenue																																					
18	Recommend Approval of Resolution Awarding Construction Contract and Purchase Orders for Construction Management and Inspection Services and Engineering Services During Construction for Phase 2C South End Recycled Water Main Extension																																					
19	Recommend Approval of a Resolution Awarding a Materials Purchase Contract for the Well 205 Groundwater Treatment Project																																					
24	Recommend Approval of Smyth Drive 14" PVC Replacement																																					
25	Recommend Approval of Abdale, Maplebay and Beachgrove Pipeline Replacement																																					

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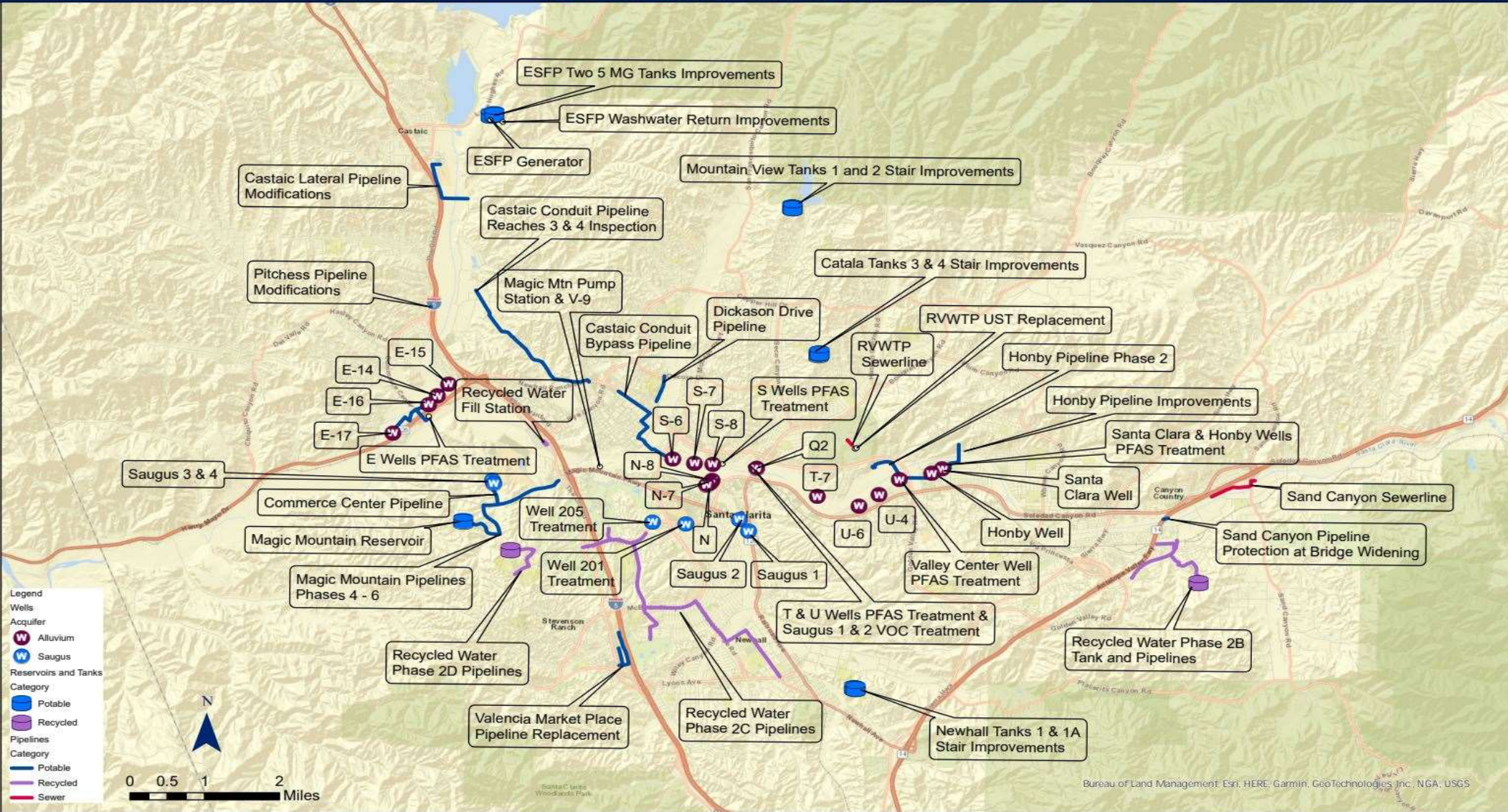


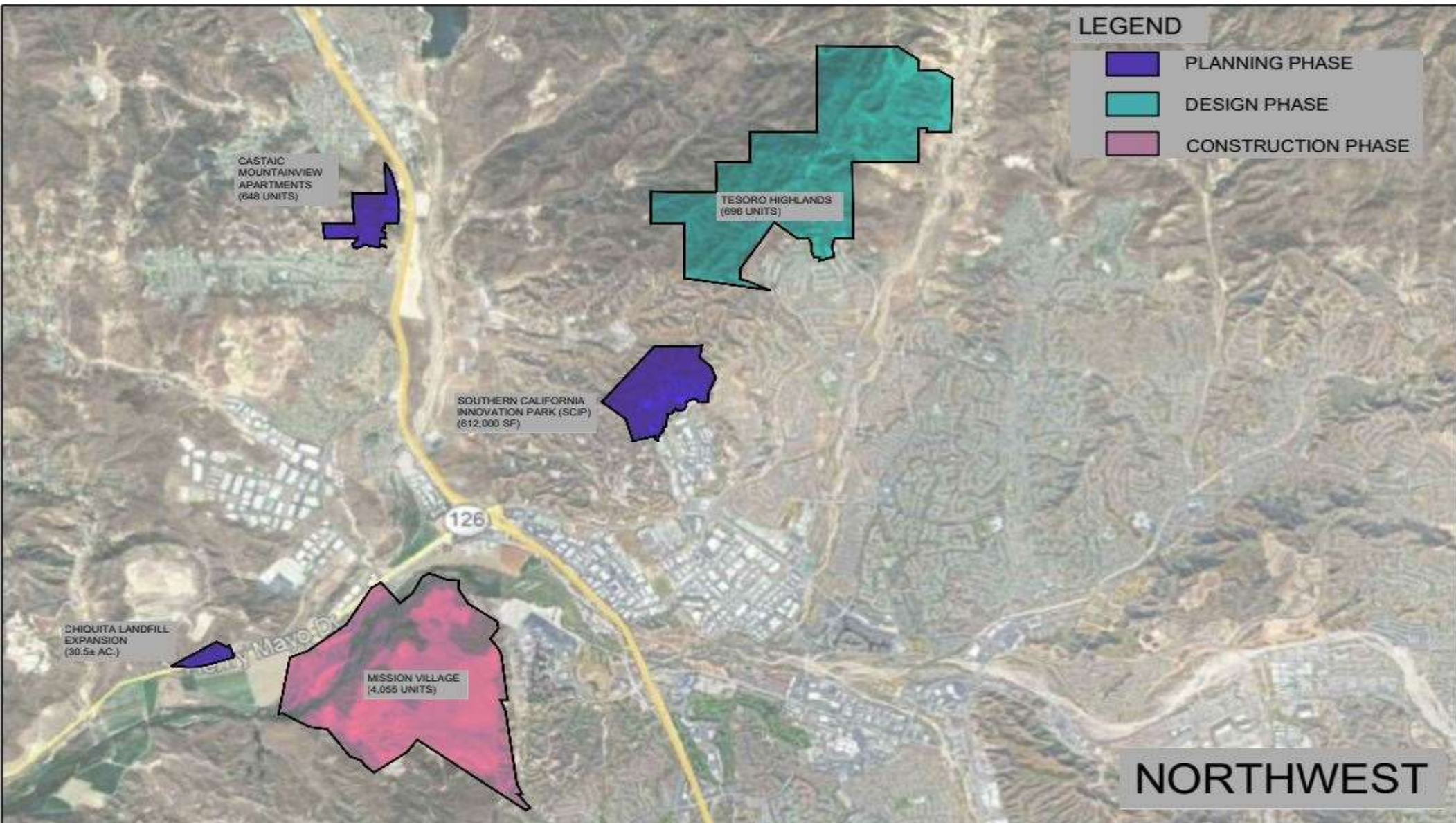
April 7, 2022

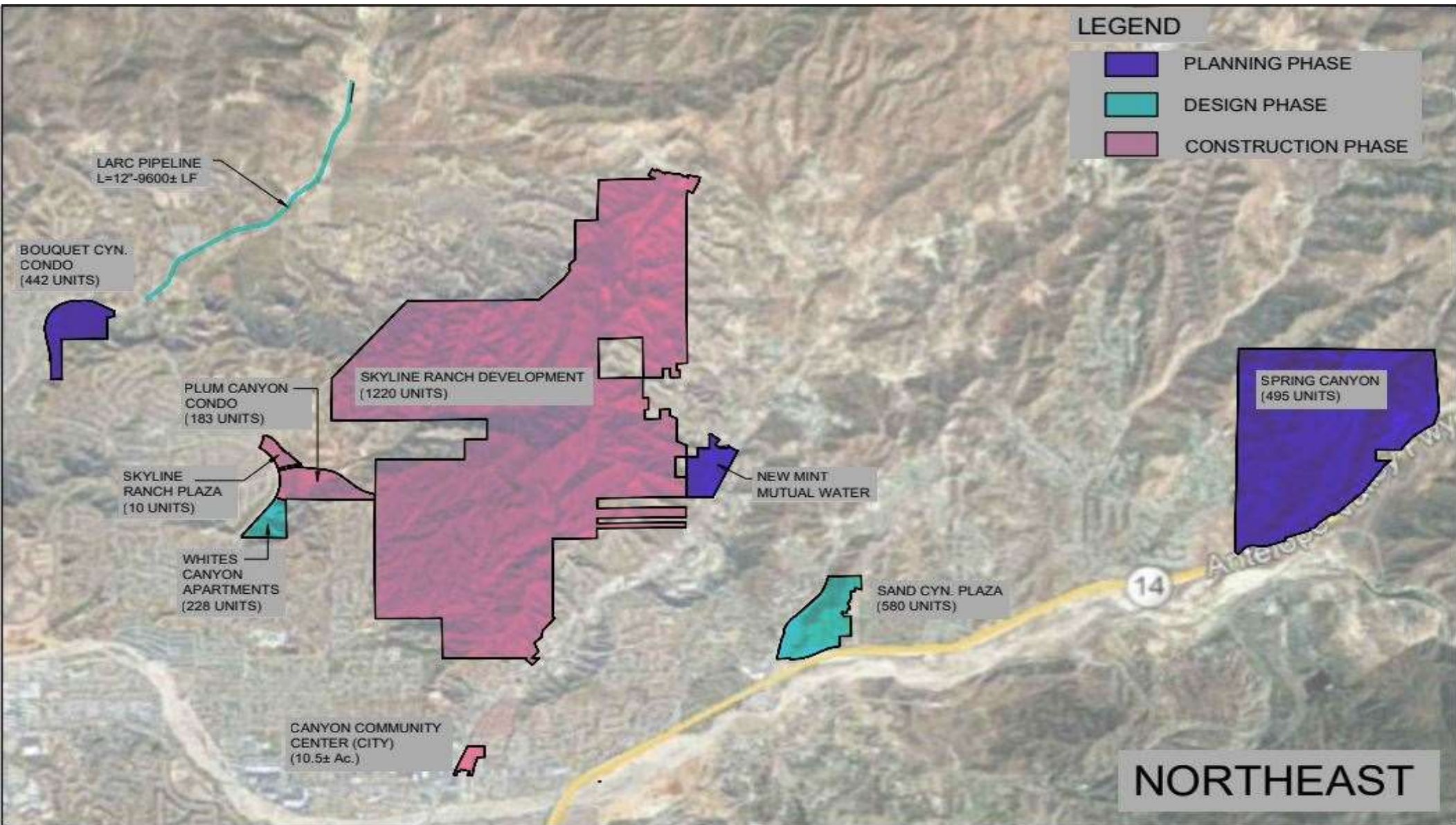
Santa Clarita Valley Water Agency

Engineering Services Section
Update

SCVWA CAPITAL IMPROVEMENT PROJECTS











1-12-2021



3-16-2022

